

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110122\
 Data File : VX032518.D
 Acq On : 01 Nov 2022 17:08
 Operator : JC/MD
 Sample : N4955-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2022

Quant Time: Nov 02 06:18:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 02 06:18:44 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/02/2022
 Supervised By : Mahesh Dadoda 11/02/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	107170	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	167523	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	146102	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	69655	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	70881	47.600	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.200%		
35) Dibromofluoromethane	5.385	113	57381	48.019	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.040%		
50) Toluene-d8	8.653	98	193247	46.508	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.020%		
62) 4-Bromofluorobenzene	11.079	95	71467	44.031	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	88.060%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	368	0.298	ug/l	100
3) Chloromethane	1.294	50	462	0.442	ug/l	91
4) Vinyl Chloride	1.374	62	336	0.292	ug/l #	74
5) Bromomethane	1.611	94	426	0.463	ug/l #	75
6) Chloroethane	1.684	64	262	0.339	ug/l	92
7) Trichlorofluoromethane	1.886	101	882	0.405	ug/l	89
8) Diethyl Ether	2.142	74	328	0.464	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.325	101	433	0.376	ug/l	88
10) Methyl Iodide	2.447	142	464	0.388	ug/l #	73
11) Tert butyl alcohol	2.940	59	682m	3.147	ug/l	
12) 1,1-Dichloroethene	2.319	96	357	0.332	ug/l #	70
13) Acrolein	2.239	56	406	1.876	ug/l	99
14) Allyl chloride	2.660	41	731	0.427	ug/l #	79
15) Acrylonitrile	3.068	53	949	1.613	ug/l	87
16) Acetone	2.379	43	1244	2.299	ug/l	92
17) Carbon Disulfide	2.514	76	758	0.296	ug/l #	74
18) Methyl Acetate	2.703	43	700	0.398	ug/l #	75
19) Methyl tert-butyl Ether	3.111	73	1444	0.382	ug/l	95
20) Methylene Chloride	2.794	84	841	0.678	ug/l #	88
21) trans-1,2-Dichloroethene	3.093	96	397	0.339	ug/l #	84
22) Diisopropyl ether	3.763	45	1429	0.386	ug/l #	66
23) Vinyl Acetate	3.733	43	5012	1.674	ug/l	96
24) 1,1-Dichloroethane	3.617	63	893	0.419	ug/l #	82
25) 2-Butanone	4.574	43	1567	1.869	ug/l #	79
26) 2,2-Dichloropropane	4.483	77	534	0.315	ug/l #	53
27) cis-1,2-Dichloroethene	4.495	96	413	0.305	ug/l	75
28) Bromochloromethane	4.897	49	372	0.490	ug/l #	47
29) Tetrahydrofuran	5.025	42	1003	1.876	ug/l #	78
30) Chloroform	5.105	83	906	0.387	ug/l	91
31) Cyclohexane	5.464	56	598	0.331	ug/l	93
32) 1,1,1-Trichloroethane	5.379	97	849	0.404	ug/l #	48
36) 1,1-Dichloropropene	5.696	75	628	0.377	ug/l #	71
37) Ethyl Acetate	4.751	43	653m	0.377	ug/l	
38) Carbon Tetrachloride	5.690	117	695	0.377	ug/l #	63
39) Methylcyclohexane	7.391	83	706	0.359	ug/l #	84
40) Benzene	6.043	78	1877	0.399	ug/l #	89

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.958	41	201	0.228	ug/l #	48
42) 1,2-Dichloroethane	6.098	62	833	0.433	ug/l #	77
43) Isopropyl Acetate	6.354	43	974	0.366	ug/l #	79
44) Trichloroethene	7.129	130	590	0.445	ug/l	83
45) 1,2-Dichloropropane	7.446	63	413	0.342	ug/l #	44
46) Dibromomethane	7.592	93	301	0.325	ug/l	88
47) Bromodichloromethane	7.824	83	612	0.348	ug/l #	96
48) Methyl methacrylate	7.708	41	307	0.224	ug/l #	48
49) 1,4-Dioxane	7.689	88	136m	5.196	ug/l	
51) 4-Methyl-2-Pentanone	8.580	43	2923	1.745	ug/l	98
52) Toluene	8.726	92	1078	0.351	ug/l	86
53) t-1,3-Dichloropropene	8.982	75	604	0.337	ug/l #	88
54) cis-1,3-Dichloropropene	8.378	75	630	0.329	ug/l #	87
55) 1,1,2-Trichloroethane	9.159	97	442	0.342	ug/l #	63
56) Ethyl methacrylate	9.128	69	575	0.309	ug/l	91
57) 1,3-Dichloropropane	9.317	76	755	0.361	ug/l	93
58) 2-Chloroethyl Vinyl ether	8.250	63	1665	1.857	ug/l	98
59) 2-Hexanone	9.439	43	2115	1.702	ug/l	99
60) Dibromochloromethane	9.525	129	445	0.315	ug/l	99
61) 1,2-Dibromoethane	9.610	107	497	0.363	ug/l	97
64) Tetrachloroethene	9.281	164	435	0.407	ug/l #	78
65) Chlorobenzene	10.079	112	1361	0.416	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	488	0.396	ug/l #	54
67) Ethyl Benzene	10.195	91	2215	0.378	ug/l	90
68) m/p-Xylenes	10.305	106	1653	0.727	ug/l	99
69) o-Xylene	10.646	106	804	0.364	ug/l	98
70) Styrene	10.665	104	1232	0.336	ug/l	98
71) Bromoform	10.799	173	310	0.318	ug/l #	82
73) Isopropylbenzene	10.963	105	2179	0.395	ug/l	97
74) N-amyl acetate	10.847	43	672	0.322	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	11.213	83	654	0.369	ug/l #	92
76) 1,2,3-Trichloropropane	11.238	75	630m	0.407	ug/l	
77) Bromobenzene	11.201	156	542	0.401	ug/l	92
78) n-propylbenzene	11.305	91	2242	0.353	ug/l	98
79) 2-Chlorotoluene	11.366	91	1576	0.414	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	1740	0.369	ug/l	89
81) trans-1,4-Dichloro-2-b...	11.012	75	147m	0.302	ug/l	
82) 4-Chlorotoluene	11.457	91	1656	0.372	ug/l	95
83) tert-Butylbenzene	11.719	119	1896	0.403	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	1787	0.381	ug/l	95
85) sec-Butylbenzene	11.890	105	2171	0.383	ug/l	100
86) p-Isopropyltoluene	12.012	119	1785	0.371	ug/l	83
87) 1,3-Dichlorobenzene	11.969	146	958	0.375	ug/l	93
88) 1,4-Dichlorobenzene	12.042	146	1092m	0.412	ug/l	
89) n-Butylbenzene	12.335	91	1496	0.358	ug/l	90
90) Hexachloroethane	12.542	117	174	0.222	ug/l	85
91) 1,2-Dichlorobenzene	12.341	146	1049	0.417	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.939	75	112	0.288	ug/l	70
93) 1,2,4-Trichlorobenzene	13.591	180	552	0.336	ug/l	88
94) Hexachlorobutadiene	13.725	225	291	0.425	ug/l	88
95) Naphthalene	13.780	128	1856	0.339	ug/l #	95
96) 1,2,3-Trichlorobenzene	13.963	180	687	0.412	ug/l	88

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

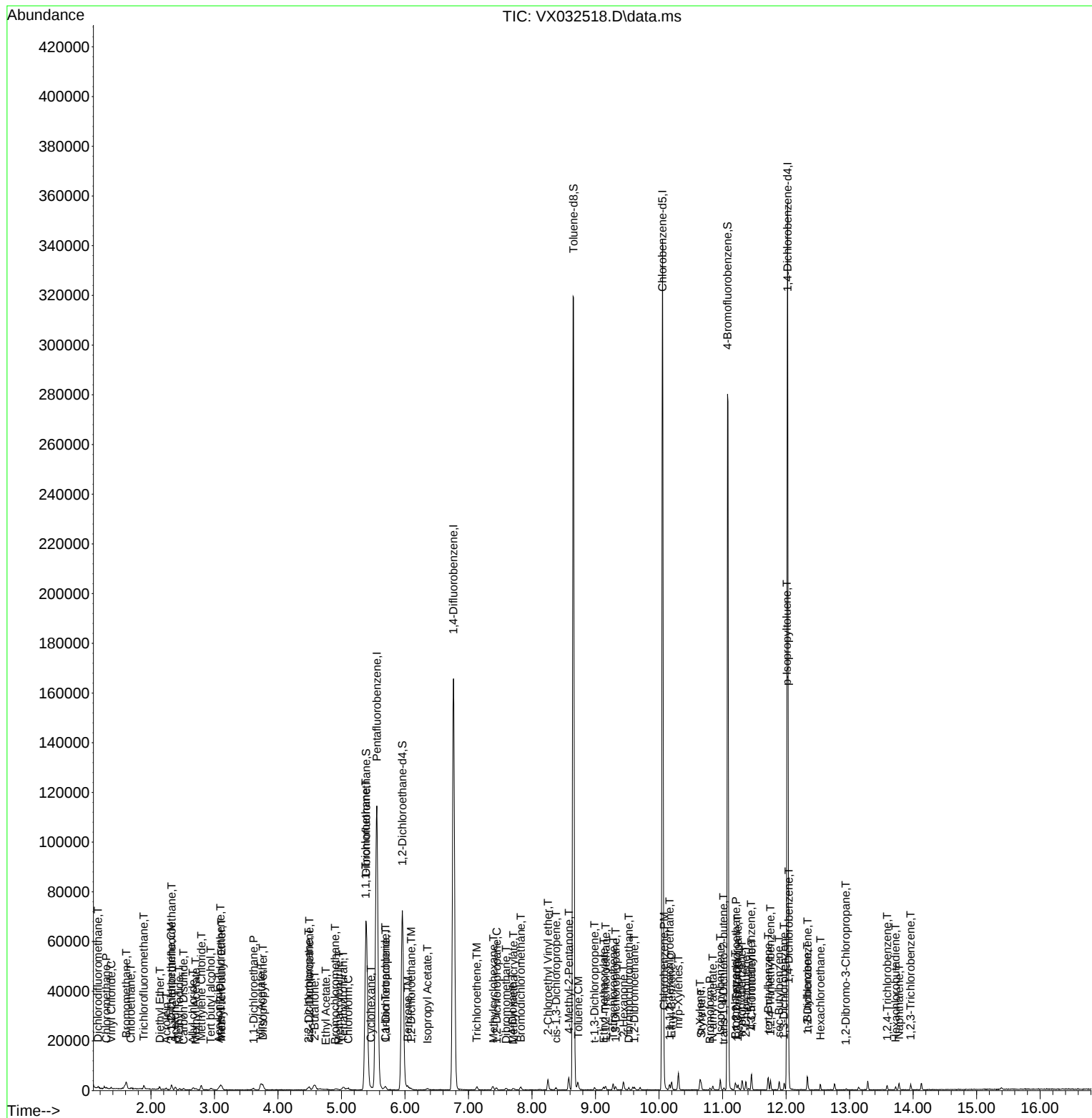
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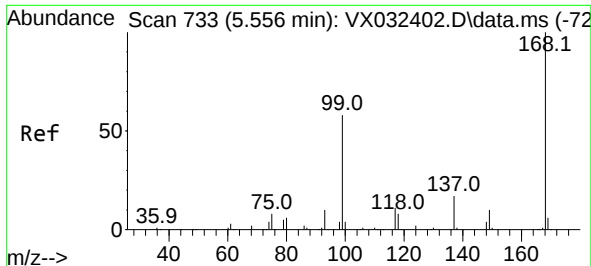
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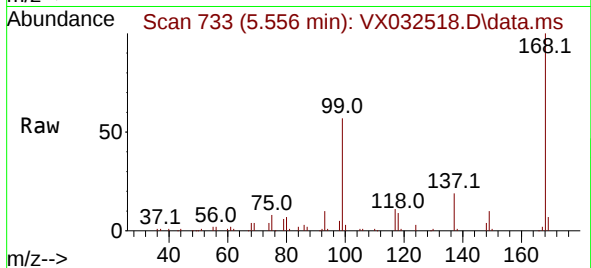
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX032518.D
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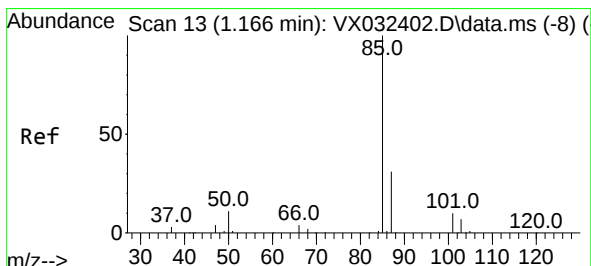
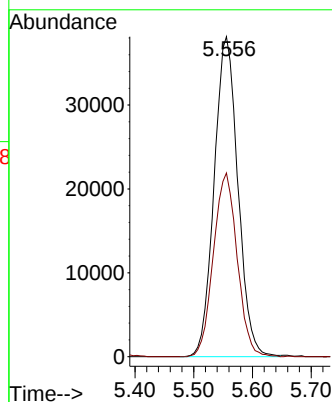
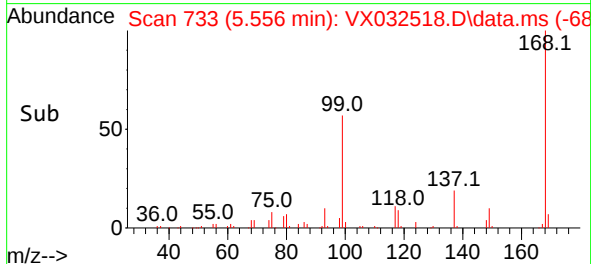
Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



Tgt Ion:168 Resp: 107170
Ion Ratio Lower Upper
168 100
99 57.4 46.1 69.1

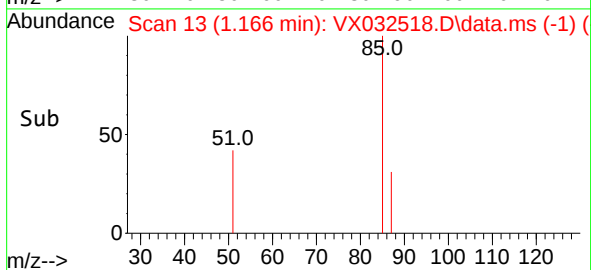
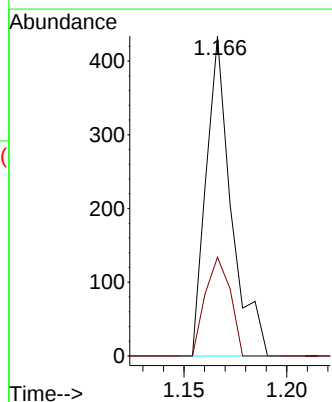
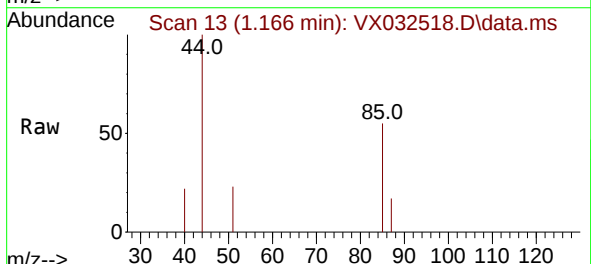
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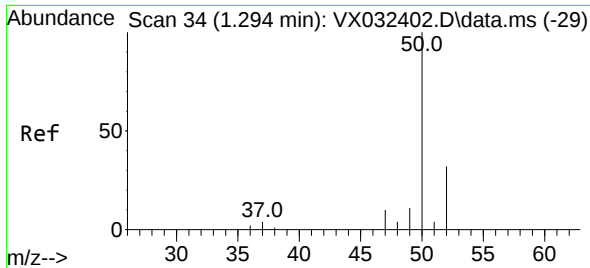
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#2
Dichlorodifluoromethane
Concen: 0.298 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX032518.D
Acq: 01 Nov 2022 17:08

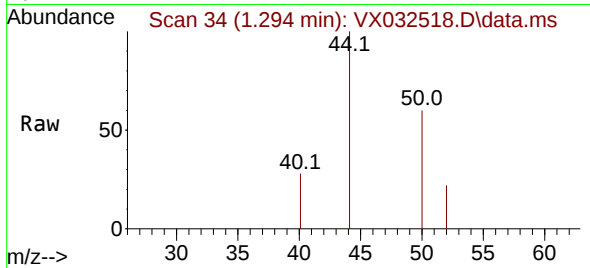
Tgt Ion: 85 Resp: 368
Ion Ratio Lower Upper
85 100
87 30.9 15.6 46.7





#3
Chloromethane
Concen: 0.442 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX032518.D
Acq: 01 Nov 2022 17:08

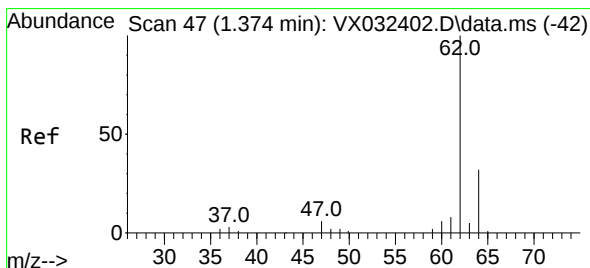
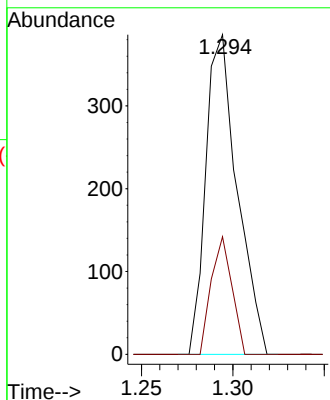
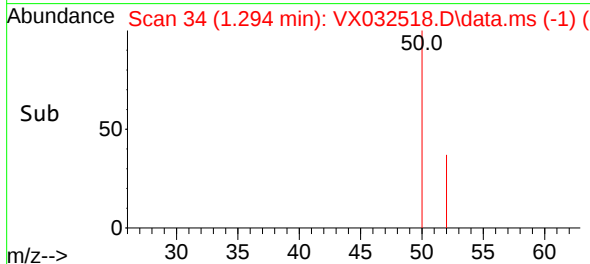
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT4-2022



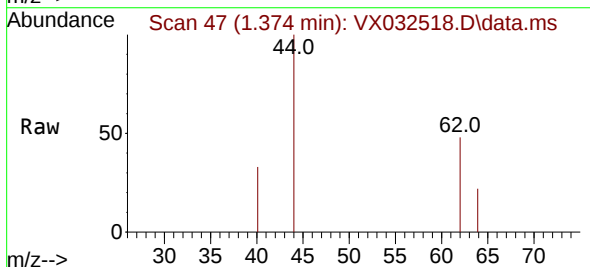
Tgt Ion: 50 Resp: 462
Ion Ratio Lower Upper
50 100
52 36.8 25.4 38.2

Manual Integrations
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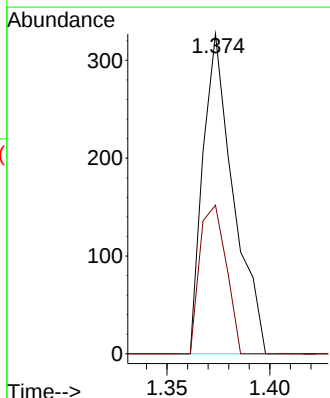
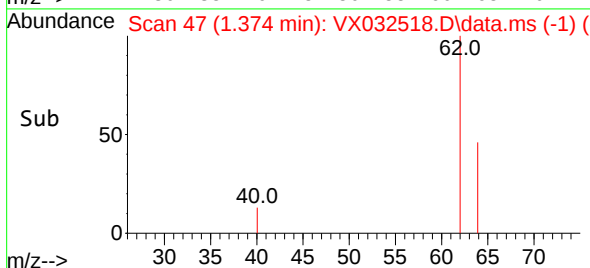
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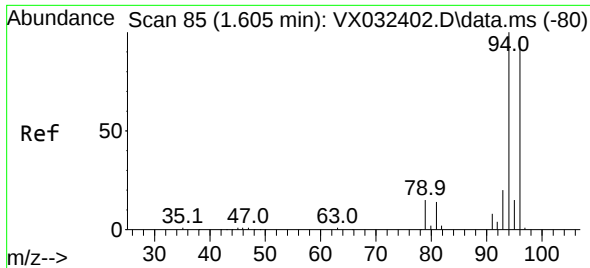


#4
Vinyl Chloride
Concen: 0.292 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX032518.D
Acq: 01 Nov 2022 17:08



Tgt Ion: 62 Resp: 336
Ion Ratio Lower Upper
62 100
64 46.5 25.8 38.6#





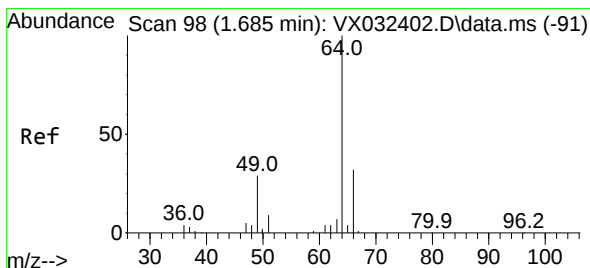
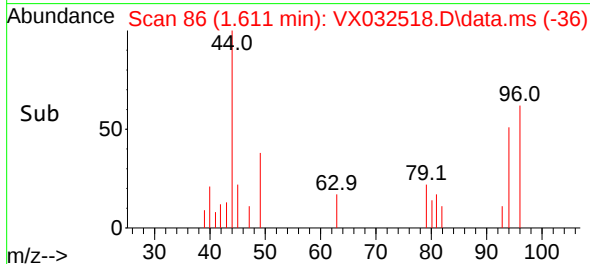
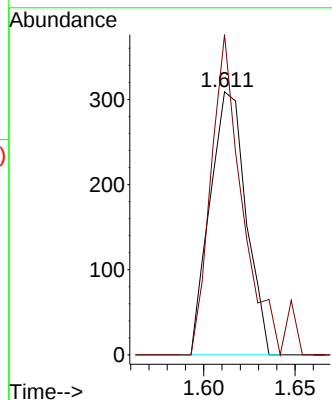
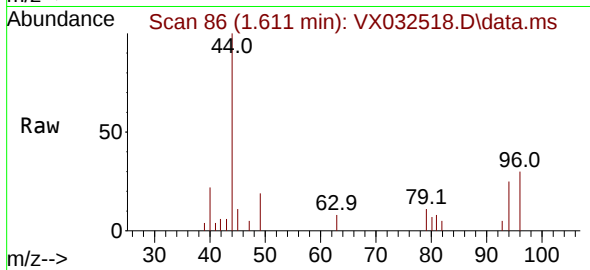
#5
Bromomethane
Concen: 0.463 ug/l
RT: 1.611 min Scan# 85
Delta R.T. 0.006 min
Lab File: VX032518.D
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Tgt Ion: 94 Resp: 420
Ion Ratio Lower Upper
94 100
96 121.7 77.6 116.4

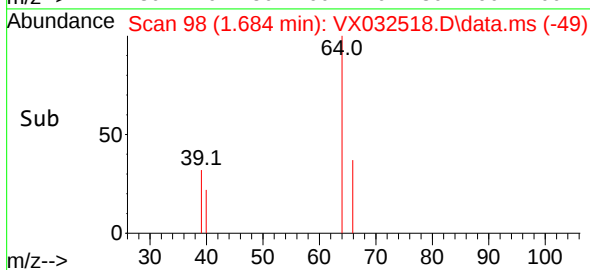
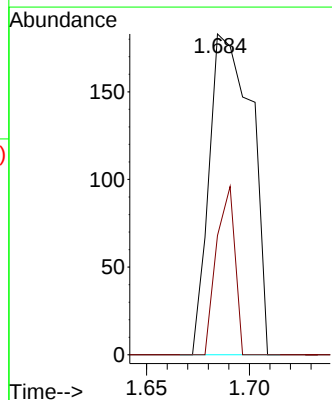
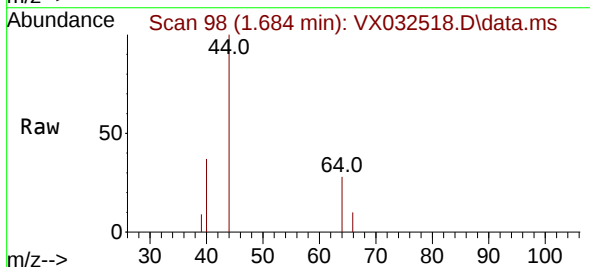
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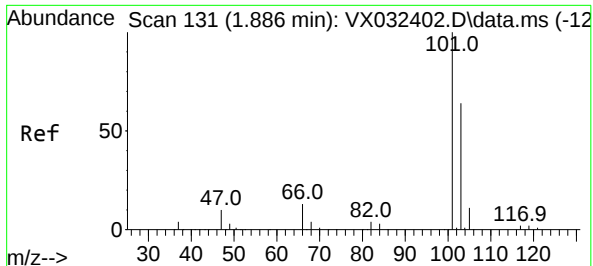
Reviewed By :John Carlone 11/02/2022
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#6
Chloroethane
Concen: 0.339 ug/l
RT: 1.684 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX032518.D
Acq: 01 Nov 2022 17:08

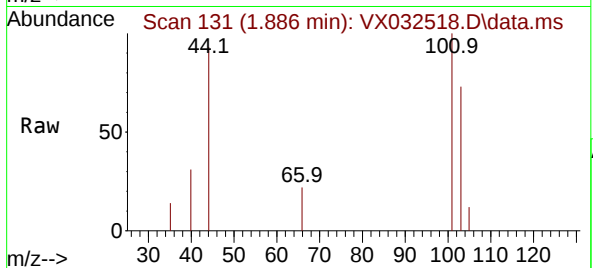
Tgt Ion: 64 Resp: 262
Ion Ratio Lower Upper
64 100
66 37.2 26.0 39.0





#7
Trichlorofluoromethane
Concen: 0.405 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032518.D
Acq: 01 Nov 2022 17:08

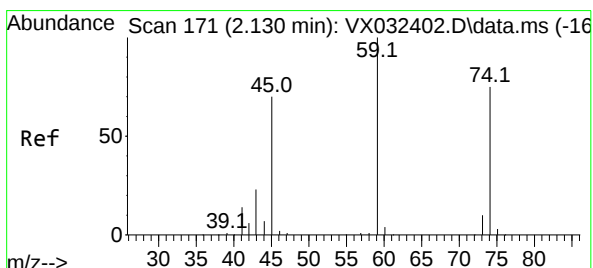
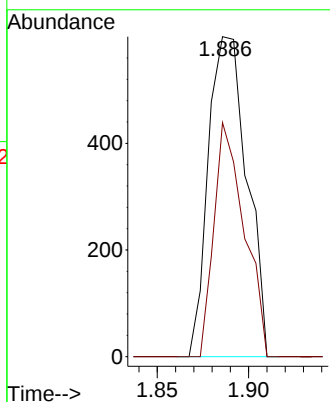
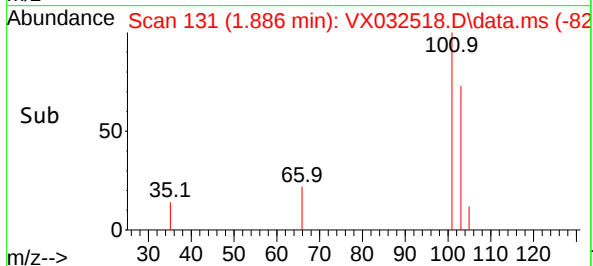
Instrument :
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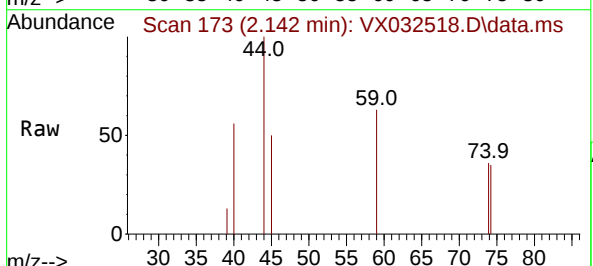
Tgt Ion:101 Resp: 88
Ion Ratio Lower Upper
101 100
103 73.2 51.4 77.2

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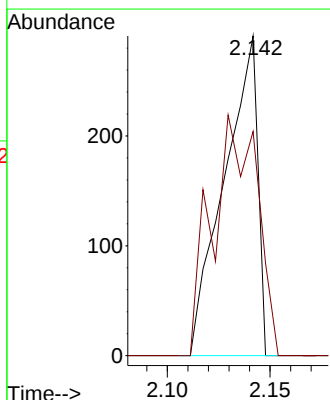
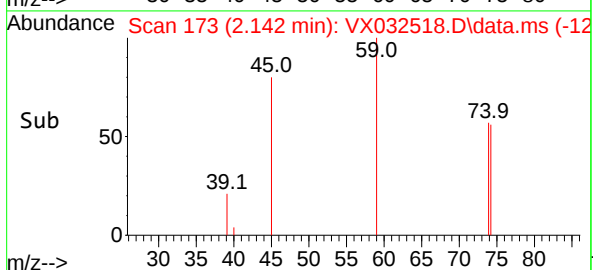
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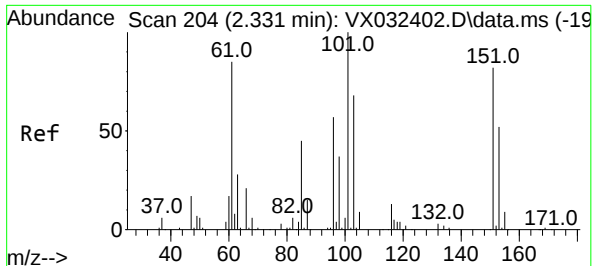


#8
Diethyl Ether
Concen: 0.464 ug/l
RT: 2.142 min Scan# 173
Delta R.T. 0.012 min
Lab File: VX032518.D
Acq: 01 Nov 2022 17:08



Tgt Ion: 74 Resp: 328
Ion Ratio Lower Upper
74 100
45 101.2 46.6 139.7





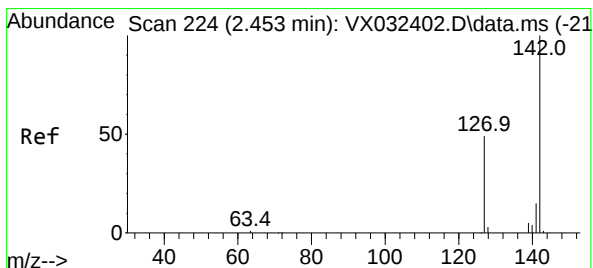
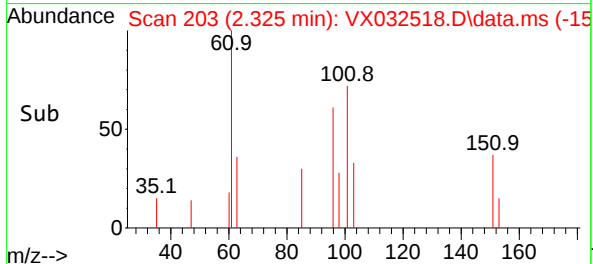
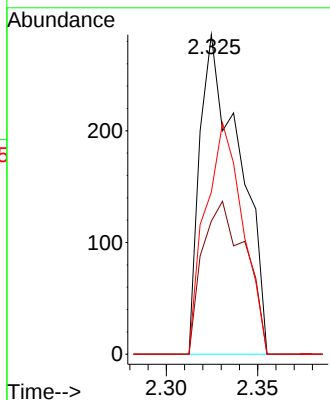
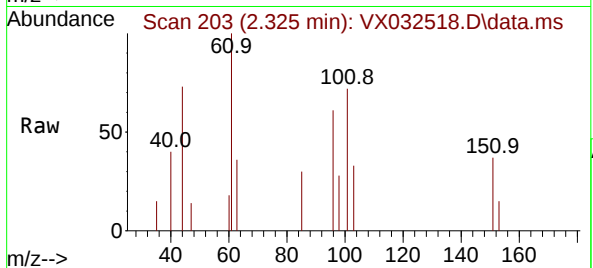
#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.376 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX032518.D
Acq: 01 Nov 2022 17:08

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

Tgt Ion:101 Resp: 438
Ion Ratio Lower Upper
101 100
85 51.5 37.0 55.4
151 68.4 64.4 96.6

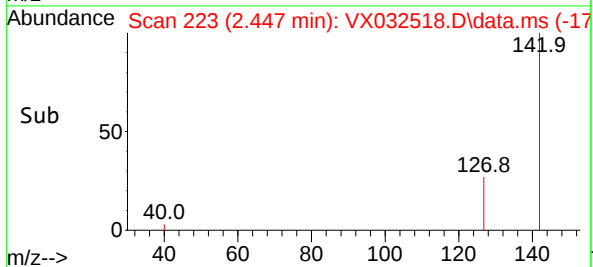
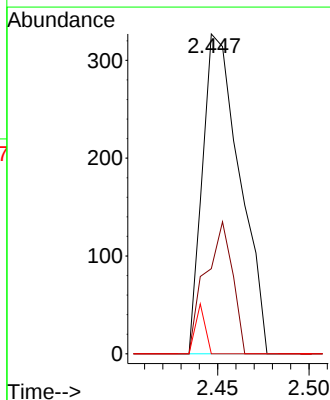
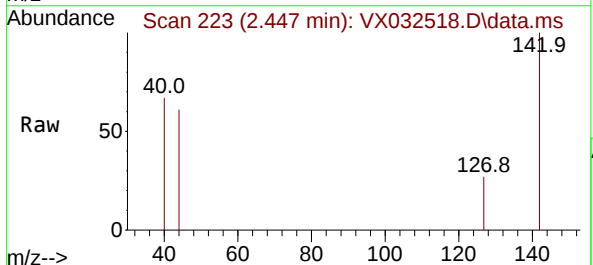
Manual Integrations
APPROVED

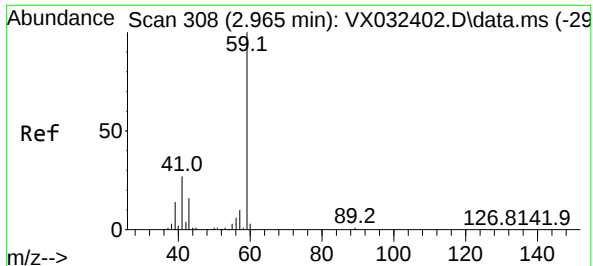
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#10
Methyl Iodide
Concen: 0.388 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.006 min
Lab File: VX032518.D
Acq: 01 Nov 2022 17:08

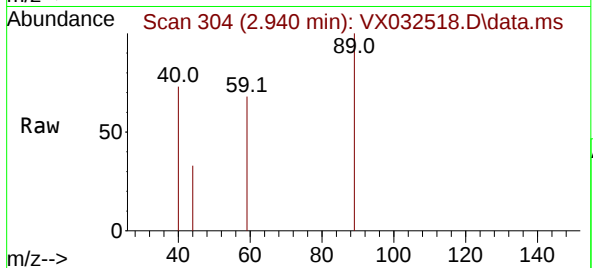
Tgt Ion:142 Resp: 464
Ion Ratio Lower Upper
142 100
127 30.0 38.6 57.8#
141 4.1 11.4 17.2#





#11
Tert butyl alcohol
Concen: 3.147 ug/l m
RT: 2.940 min Scan# 308
Delta R.T. -0.024 min
Lab File: VX032518.D
Acq: 01 Nov 2022 17:08

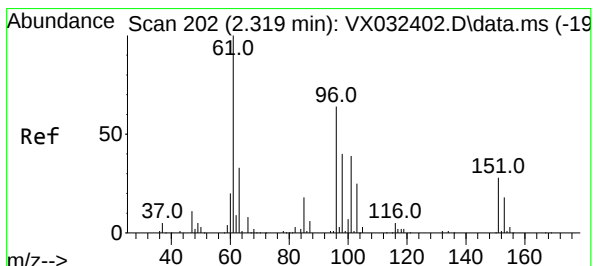
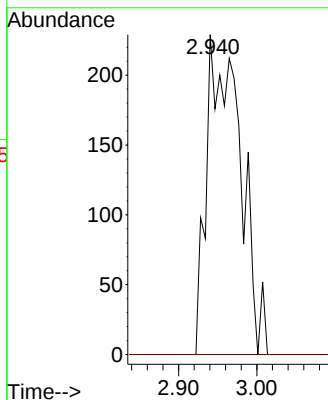
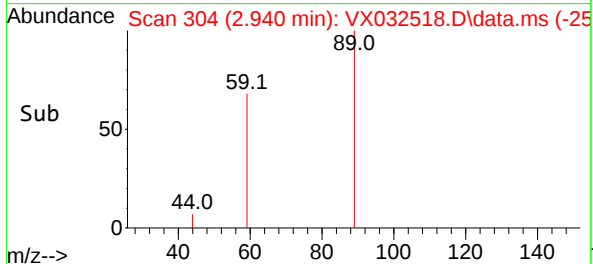
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



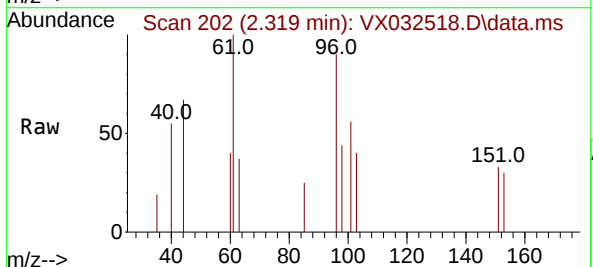
Tgt Ion: 59 Resp: 682
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4

Manual Integrations
APPROVED

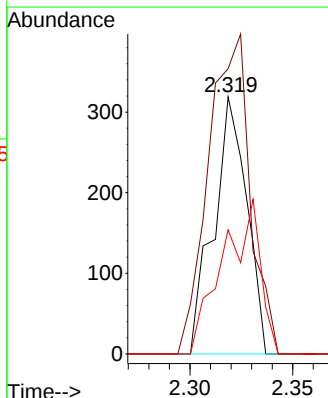
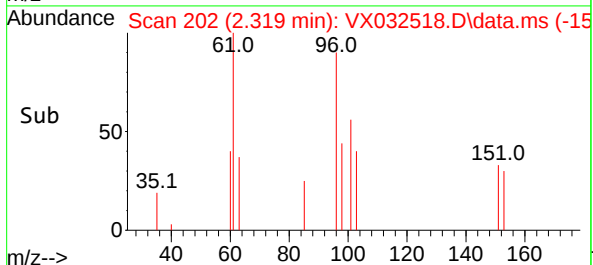
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022

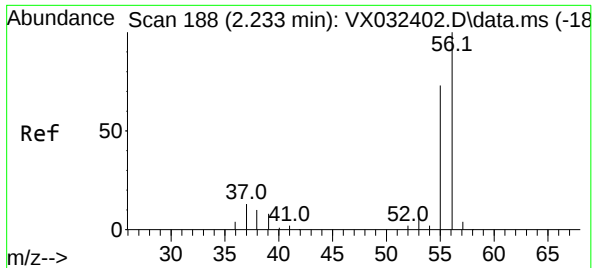


#12
1,1-Dichloroethene
Concen: 0.332 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX032518.D
Acq: 01 Nov 2022 17:08



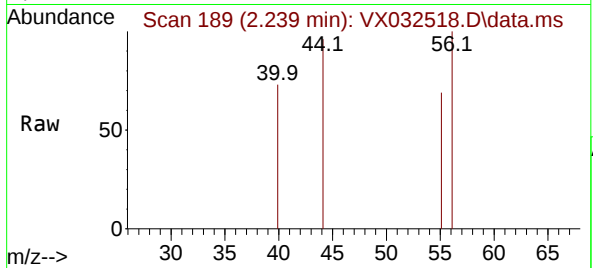
Tgt Ion: 96 Resp: 357
Ion Ratio Lower Upper
96 100
61 111.0 125.1 187.7#
98 48.3 50.6 76.0#





#13
Acrolein
Concen: 1.876 ug/l
RT: 2.239 min Scan# 188
Delta R.T. 0.006 min
Lab File: VX032518.D
Acq: 01 Nov 2022 17:08

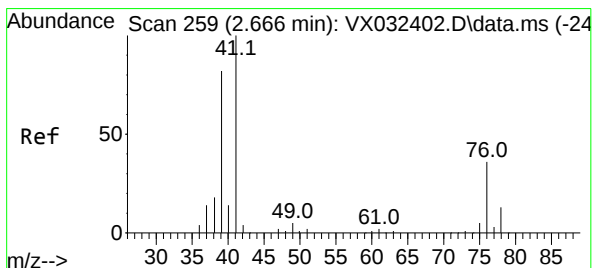
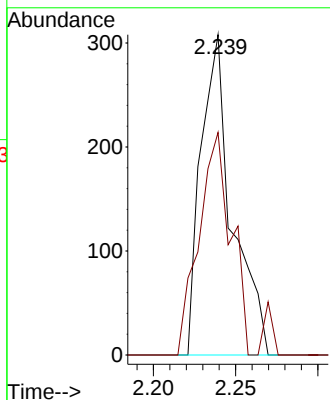
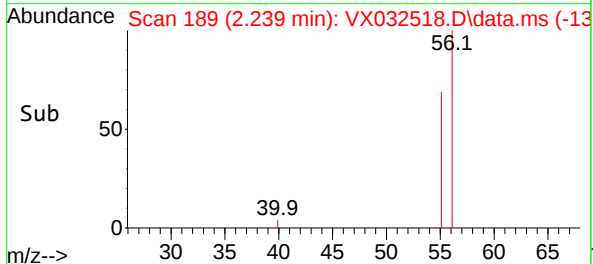
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT4-2022



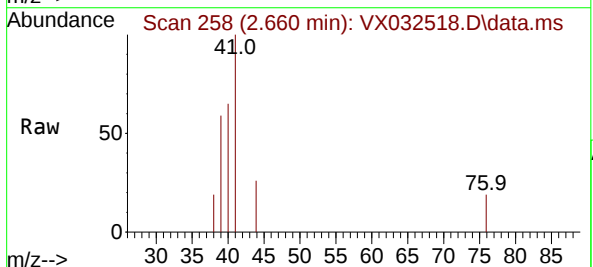
Tgt Ion: 56 Resp: 400
Ion Ratio Lower Upper
56 100
55 71.7 56.9 85.3

Manual Integrations
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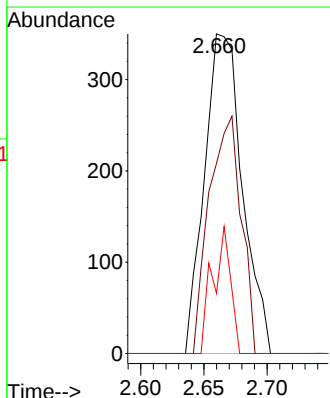
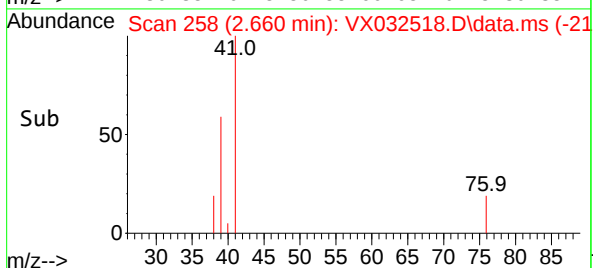
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022

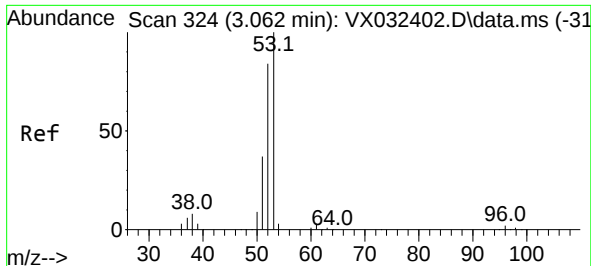


#14
Allyl chloride
Concen: 0.427 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX032518.D
Acq: 01 Nov 2022 17:08



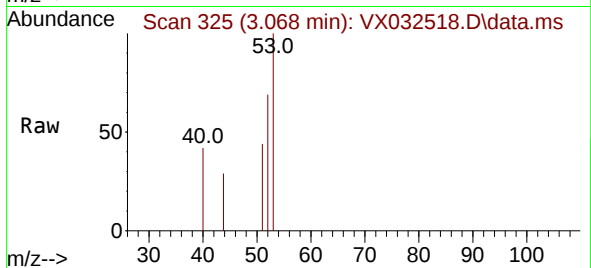
Tgt Ion: 41 Resp: 731
Ion Ratio Lower Upper
41 100
39 62.5 61.4 92.2
76 18.7 29.2 43.8





#15
Acrylonitrile
Concen: 1.613 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX032518.D
Acq: 01 Nov 2022 17:08

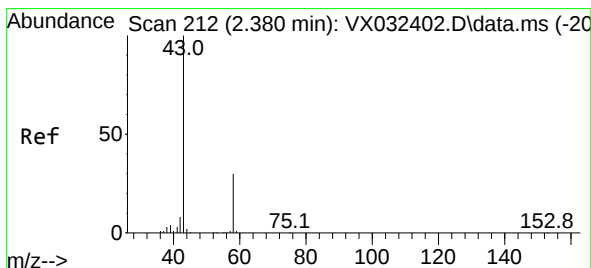
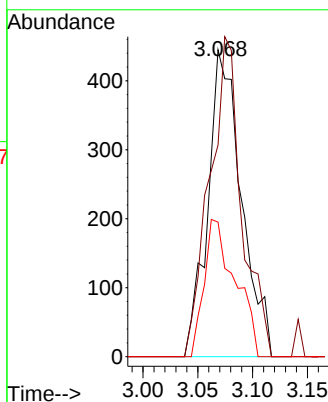
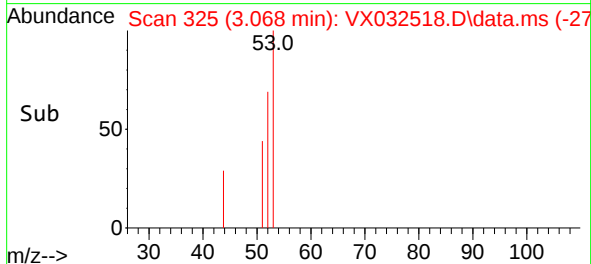
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



Tgt Ion: 53 Resp: 949
Ion Ratio Lower Upper
53 100
52 99.6 67.4 101.0
51 41.2 30.3 45.5

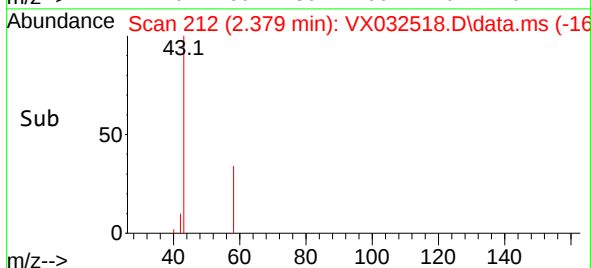
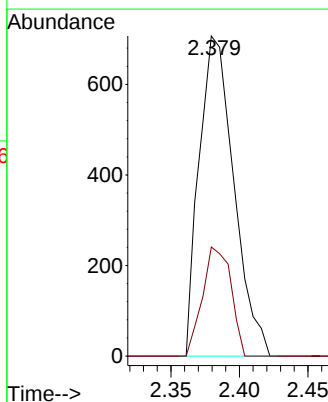
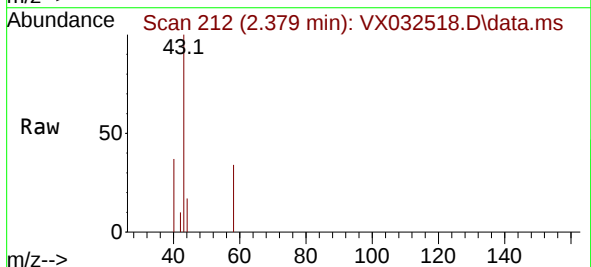
Manual Integrations
APPROVED

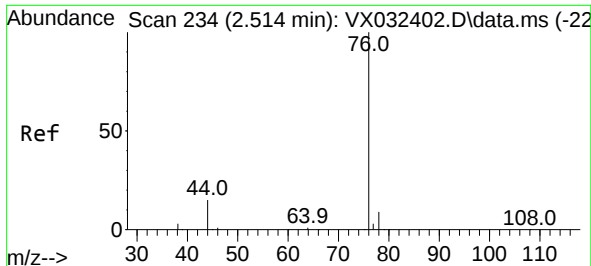
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#16
Acetone
Concen: 2.299 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX032518.D
Acq: 01 Nov 2022 17:08

Tgt Ion: 43 Resp: 1244
Ion Ratio Lower Upper
43 100
58 34.1 23.8 35.8





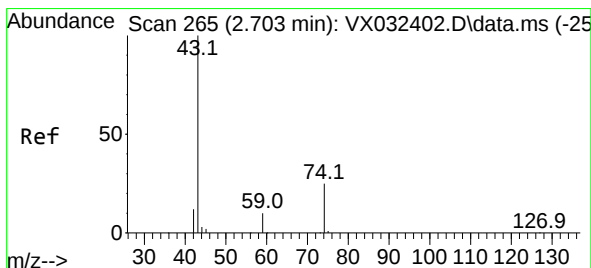
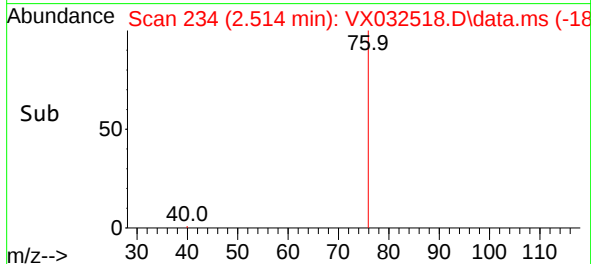
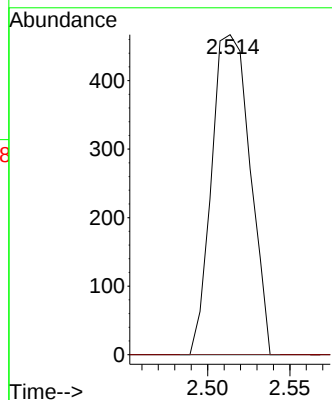
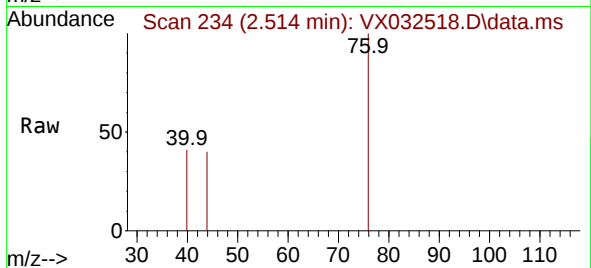
#17
Carbon Disulfide
Concen: 0.296 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX032518.D
Acq: 01 Nov 2022 17:08

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

Tgt Ion: 76 Resp: 758
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3

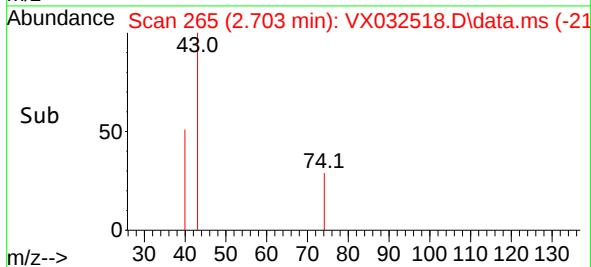
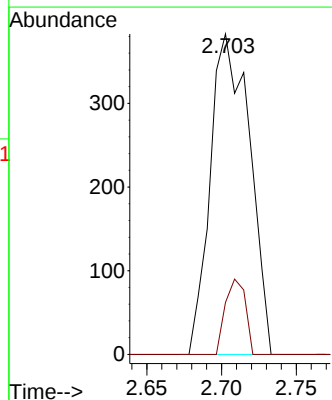
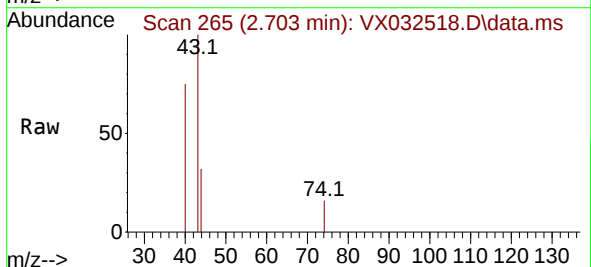
Manual Integrations
APPROVED

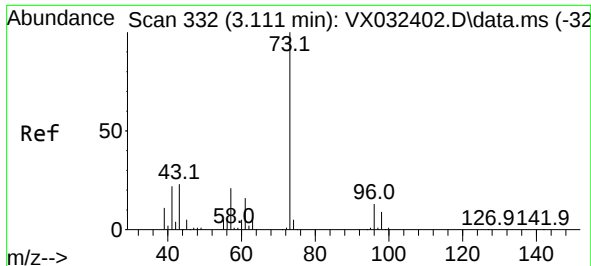
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#18
Methyl Acetate
Concen: 0.398 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX032518.D
Acq: 01 Nov 2022 17:08

Tgt Ion: 43 Resp: 700
Ion Ratio Lower Upper
43 100
74 12.0 19.4 29.0





#19

Methyl tert-butyl Ether

Concen: 0.382 ug/l

RT: 3.111 min Scan# 31

Delta R.T. -0.000 min

Lab File: VX032518.D

Acq: 01 Nov 2022 17:08

Instrument :

MSVOA_X

ClientSampleId :

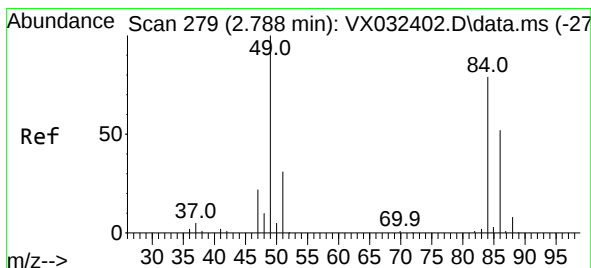
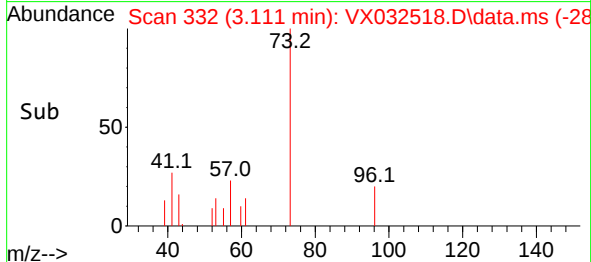
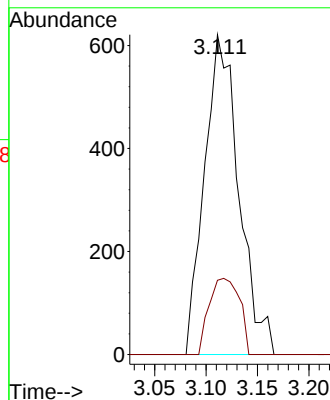
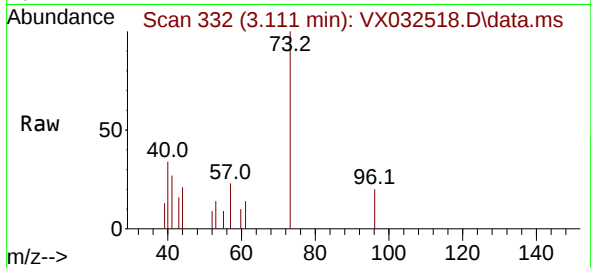
LOD-MDL-WATER-01-QT4-2022

Tgt Ion: 73 Resp: 144
 Ion Ratio Lower Upper
 73 100
 57 23.2 16.6 25.0

Manual Integrations

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Reviewed By :John Carlone 11/02/2022
 Supervised By :Mahesh Dadoda 11/02/2022



#20

Methylene Chloride

Concen: 0.678 ug/l

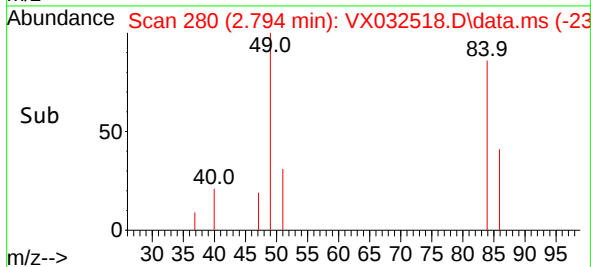
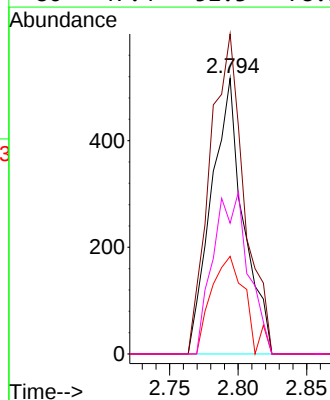
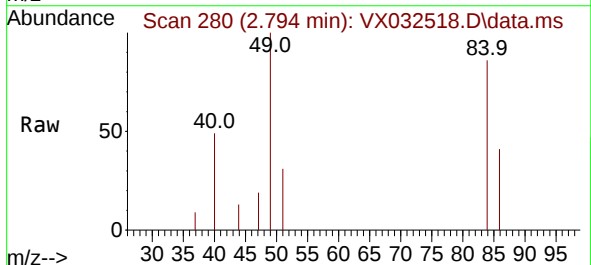
RT: 2.794 min Scan# 280

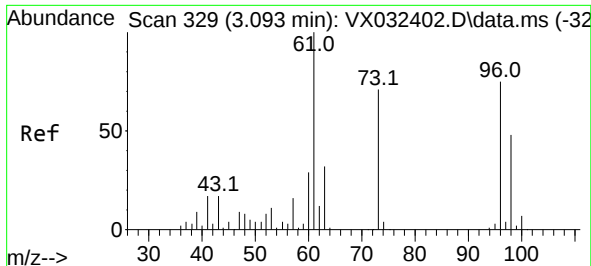
Delta R.T. 0.006 min

Lab File: VX032518.D

Acq: 01 Nov 2022 17:08

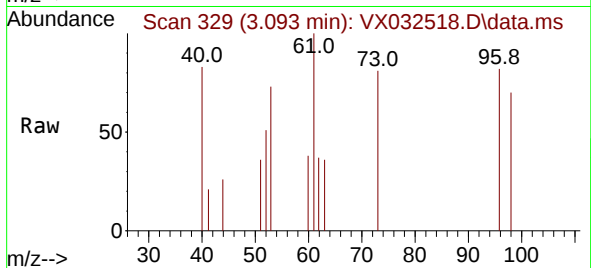
Tgt Ion: 84 Resp: 841
 Ion Ratio Lower Upper
 84 100
 49 116.1 101.0 151.6
 51 35.4 31.1 46.7
 86 47.4 52.3 78.5#





#21
trans-1,2-Dichloroethene
Concen: 0.339 ug/l
RT: 3.093 min Scan# 329
Delta R.T. -0.000 min
Lab File: VX032518.D
Acq: 01 Nov 2022 17:08

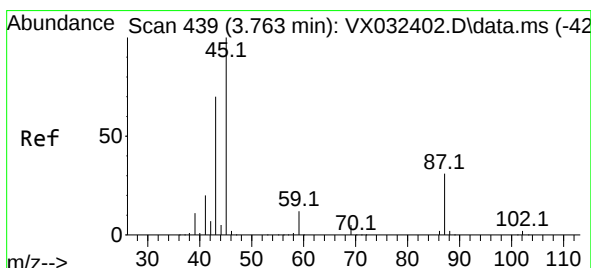
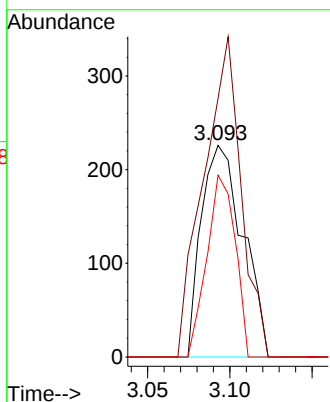
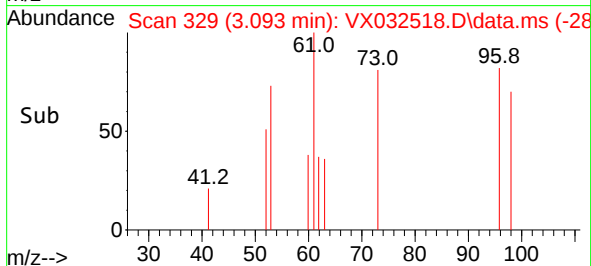
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



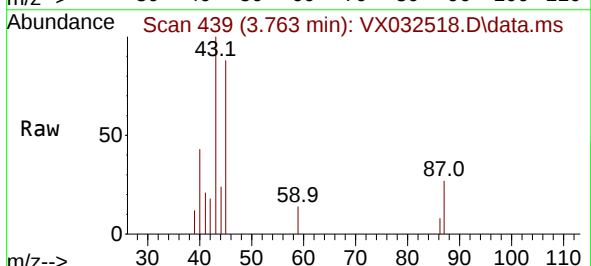
Tgt Ion: 96 Resp: 397
Ion Ratio Lower Upper
96 100
61 122.1 106.6 160.0
98 85.8 51.0 76.6

Manual Integrations
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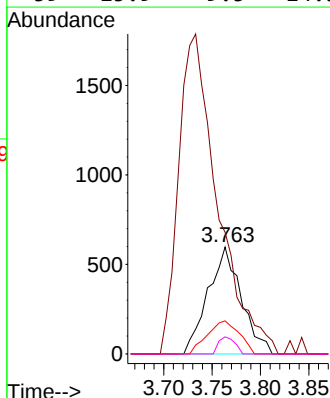
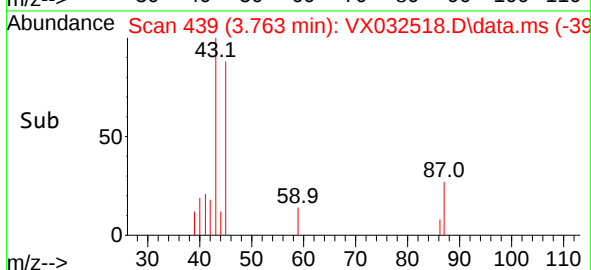
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022

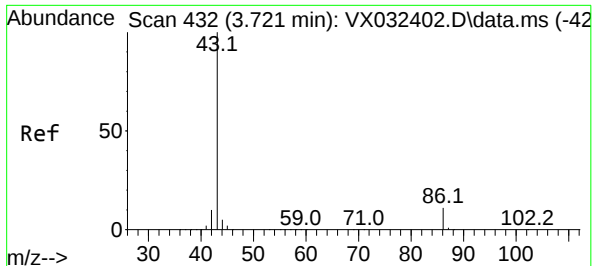


#22
Diisopropyl ether
Concen: 0.386 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX032518.D
Acq: 01 Nov 2022 17:08



Tgt Ion: 45 Resp: 1429
Ion Ratio Lower Upper
45 100
43 113.9 56.4 84.6#
87 31.0 24.4 36.6
59 15.9 9.5 14.3#





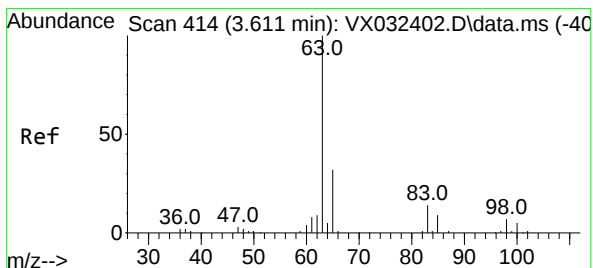
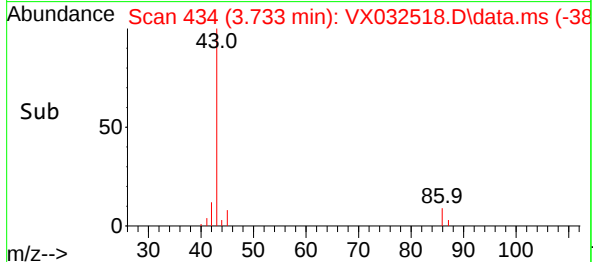
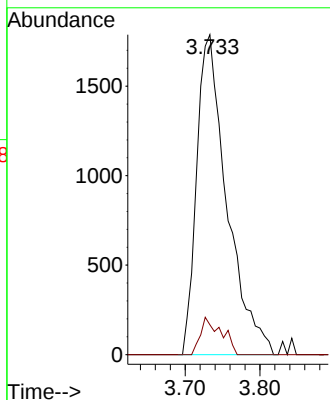
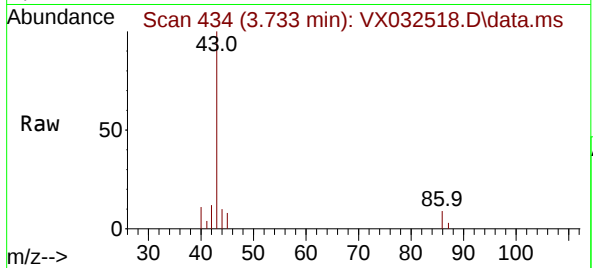
#23
 Vinyl Acetate
 Concen: 1.674 ug/l
 RT: 3.733 min Scan# 412
 Delta R.T. 0.012 min
 Lab File: VX032518.D
 Acq: 01 Nov 2022 17:08

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2022

Tgt Ion: 43 Resp: 501
 Ion Ratio Lower Upper
 43 100
 86 9.3 8.6 12.8

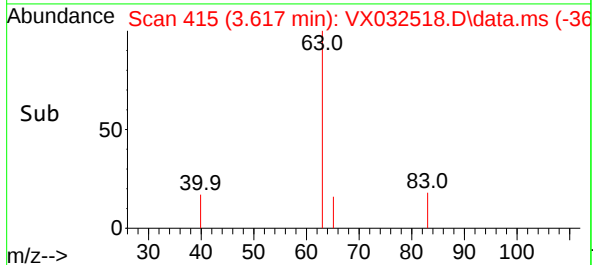
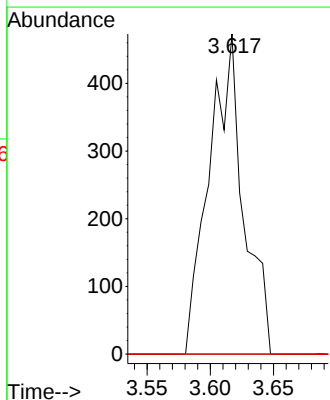
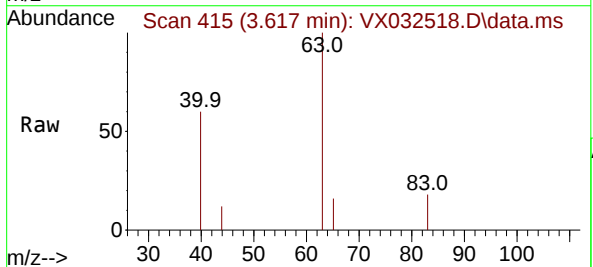
Manual Integrations
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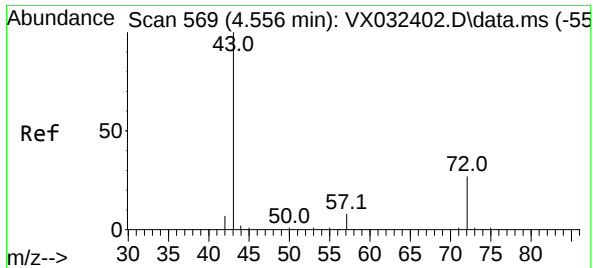
Reviewed By :John Carlone 11/02/2022
 Supervised By :Mahesh Dadoda 11/02/2022



#24
 1,1-Dichloroethane
 Concen: 0.419 ug/l
 RT: 3.617 min Scan# 415
 Delta R.T. 0.006 min
 Lab File: VX032518.D
 Acq: 01 Nov 2022 17:08

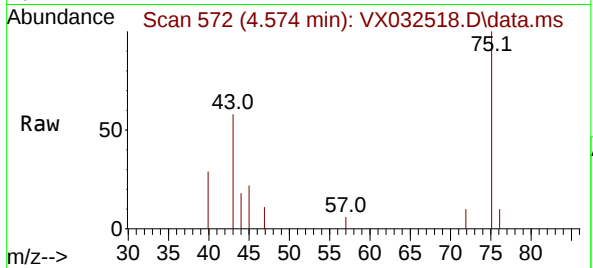
Tgt Ion: 63 Resp: 893
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.5 10.4#
 100 0.0 2.3 6.8#





#25
2-Butanone
Concen: 1.869 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX032518.D
Acq: 01 Nov 2022 17:08

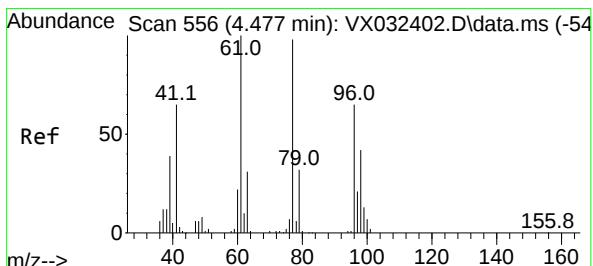
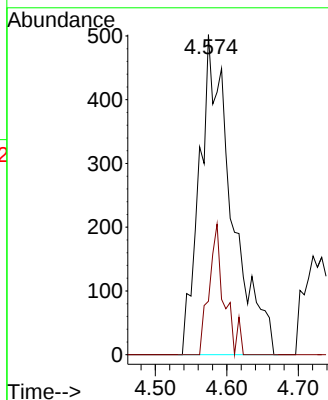
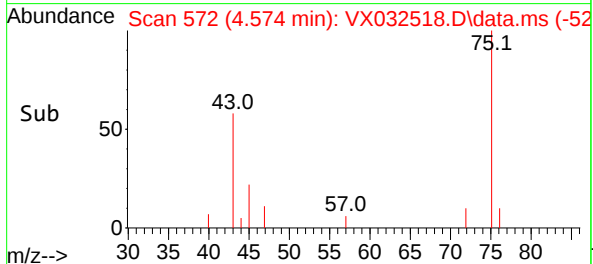
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



Tgt Ion: 43 Resp: 156
Ion Ratio Lower Upper
43 100
72 16.7 22.2 33.2

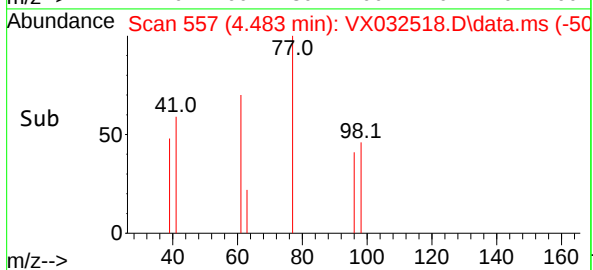
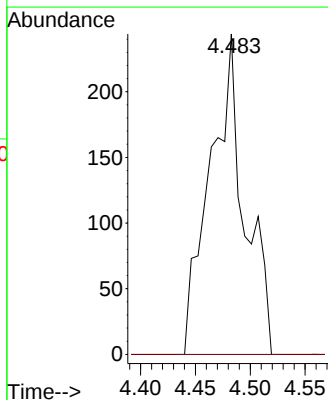
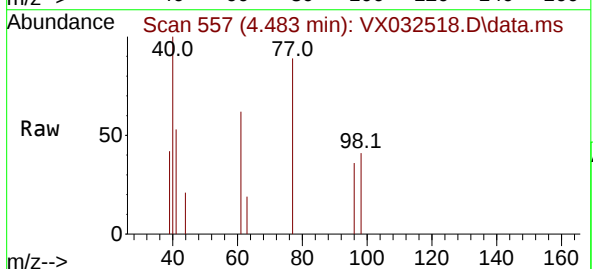
Manual Integrations
APPROVED

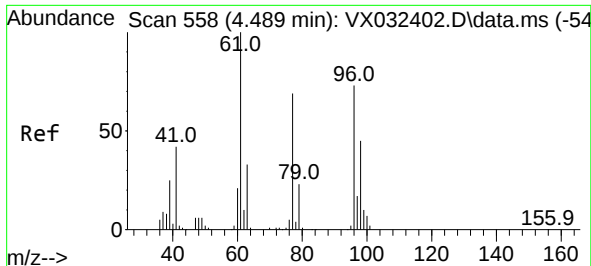
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#26
2,2-Dichloropropane
Concen: 0.315 ug/l
RT: 4.483 min Scan# 557
Delta R.T. 0.006 min
Lab File: VX032518.D
Acq: 01 Nov 2022 17:08

Tgt Ion: 77 Resp: 534
Ion Ratio Lower Upper
77 100
97 0.0 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 0.305 ug/l

RT: 4.495 min Scan# 511

Delta R.T. 0.006 min

Lab File: VX032518.D

Acq: 01 Nov 2022 17:08

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022

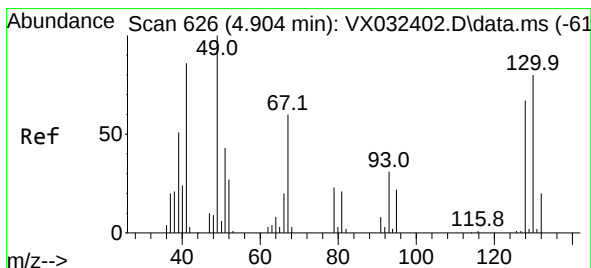
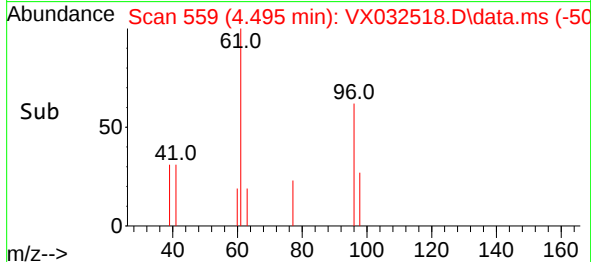
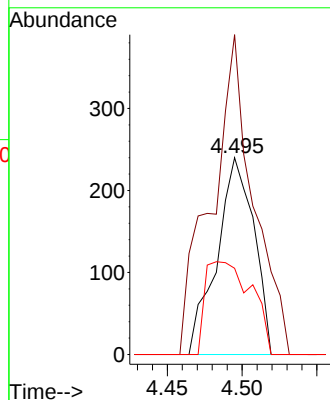
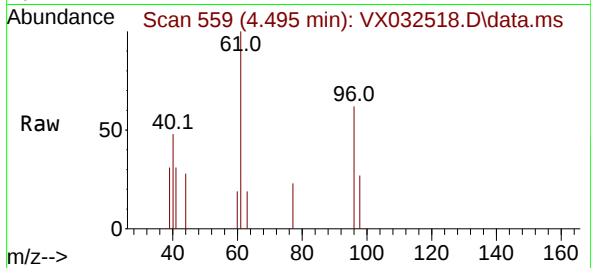
Tgt Ion: 96	Resp: 411
Ion Ratio	Lower Upper
96 100	
61 183.5	0.0 286.0
98 58.6	0.0 129.6

Manual Integrations

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Reviewed By :John Carlone 11/02/2022

Supervised By :Mahesh Dadoda 11/02/2022



#28

Bromochloromethane

Concen: 0.490 ug/l

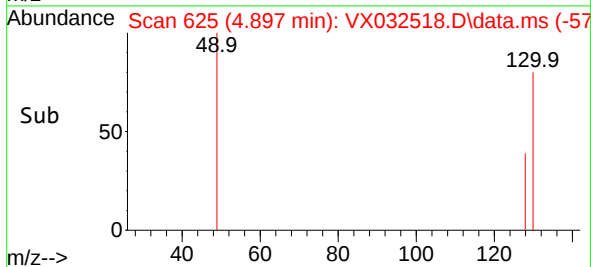
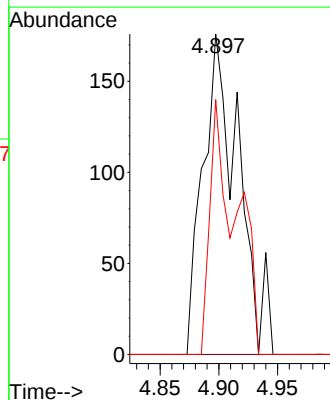
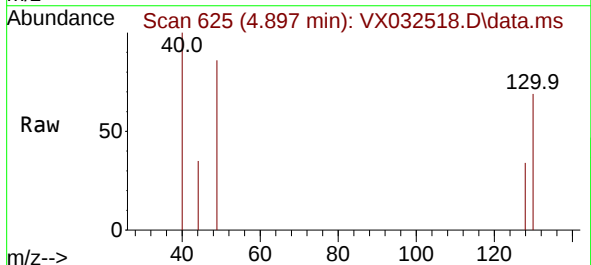
RT: 4.897 min Scan# 625

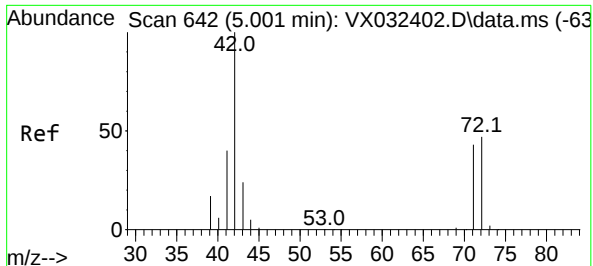
Delta R.T. -0.006 min

Lab File: VX032518.D

Acq: 01 Nov 2022 17:08

Tgt Ion: 49	Resp: 372
Ion Ratio	Lower Upper
49 100	
129 0.0	0.0 3.8
130 35.2	67.5 101.3





#29

Tetrahydrofuran

Concen: 1.876 ug/l

RT: 5.025 min Scan# 64

Delta R.T. 0.024 min

Lab File: VX032518.D

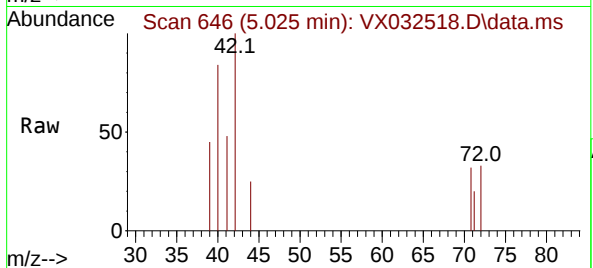
Acq: 01 Nov 2022 17:08

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022



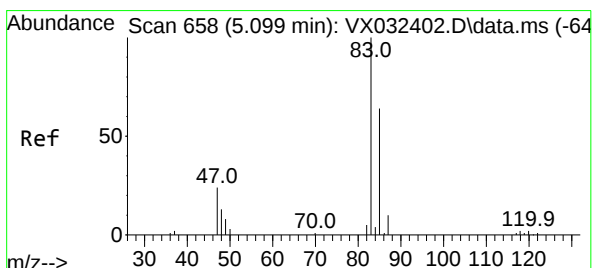
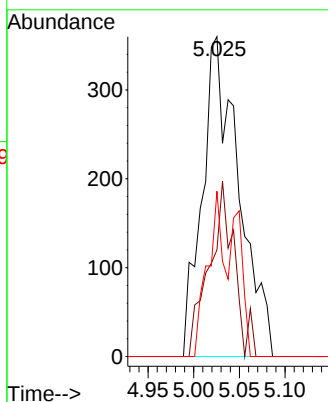
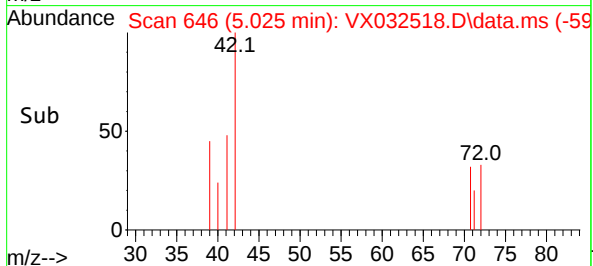
Tgt Ion:	42	Resp:	100
Ion	Ratio	Lower	Upper
42	100		
72	37.2	37.6	56.4
71	23.8	34.7	52.1

Manual Integrations

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Reviewed By :John Carlone 11/02/2022

Supervised By :Mahesh Dadoda 11/02/2022



#30

Chloroform

Concen: 0.387 ug/l

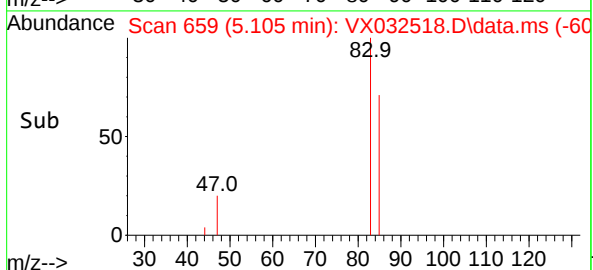
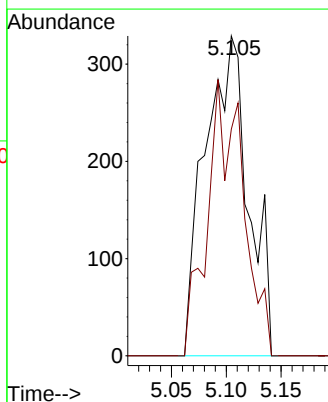
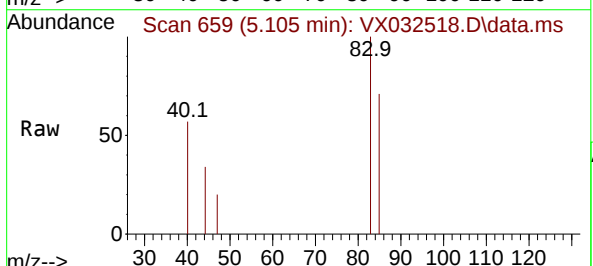
RT: 5.105 min Scan# 659

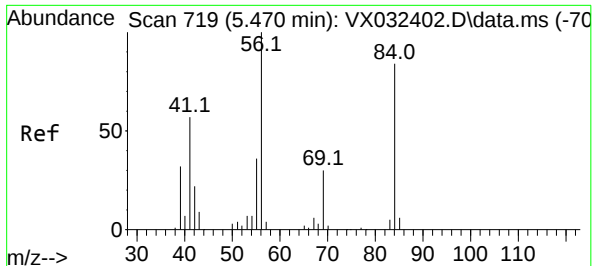
Delta R.T. 0.006 min

Lab File: VX032518.D

Acq: 01 Nov 2022 17:08

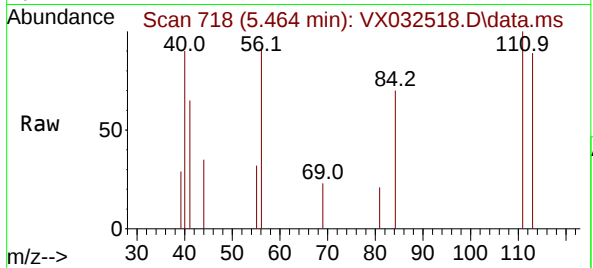
Tgt Ion:	83	Resp:	906
Ion	Ratio	Lower	Upper
83	100		
85	70.8	51.1	76.7





#31
Cyclohexane
Concen: 0.331 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX032518.D
Acq: 01 Nov 2022 17:08

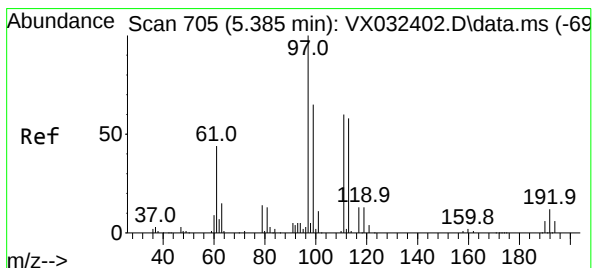
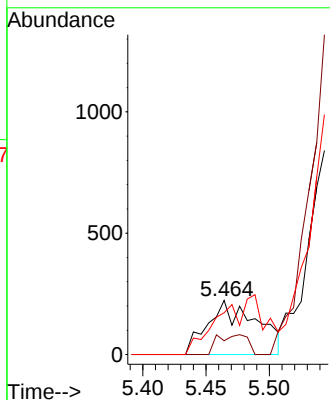
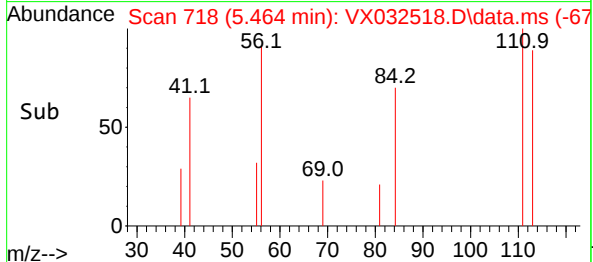
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



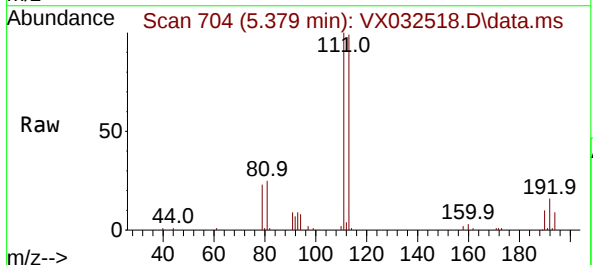
Tgt Ion: 56 Resp: 598
Ion Ratio Lower Upper
56 100
69 25.6 24.1 36.1
84 77.1 66.9 100.3

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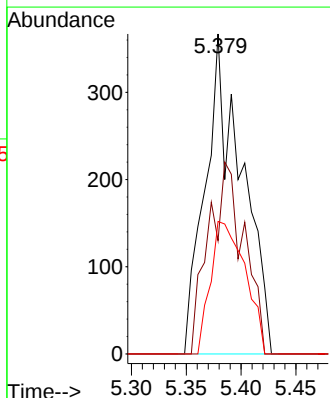
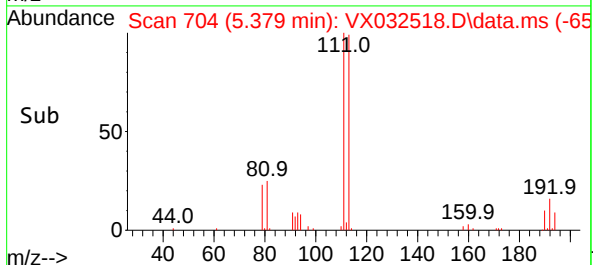
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022

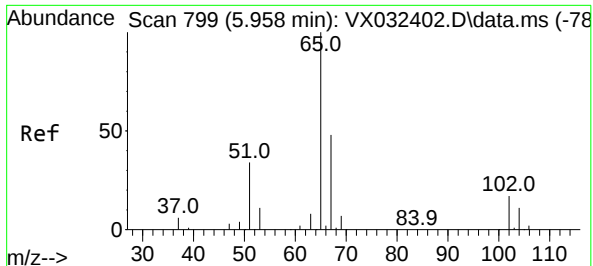


#32
1,1,1-Trichloroethane
Concen: 0.404 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX032518.D
Acq: 01 Nov 2022 17:08



Tgt Ion: 97 Resp: 849
Ion Ratio Lower Upper
97 100
99 0.0 51.4 77.0#
61 39.3 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 47.600 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX032518.D

Acq: 01 Nov 2022 17:08

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022

Tgt Ion: 65 Resp: 7088

Ion Ratio Lower Upper

65 100

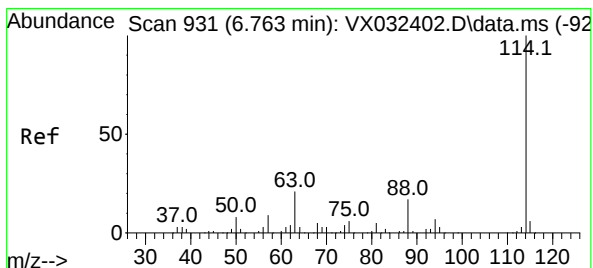
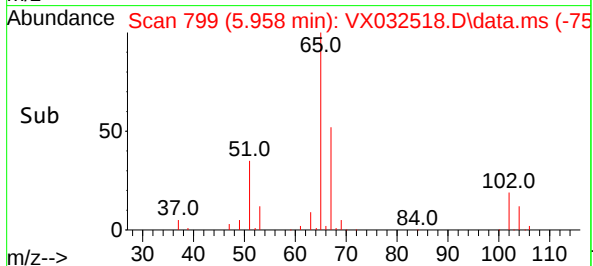
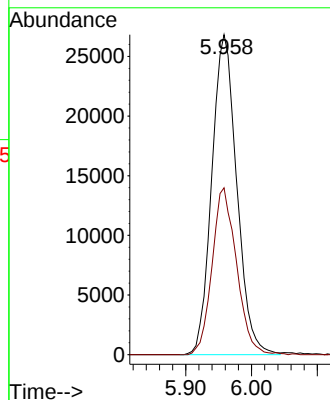
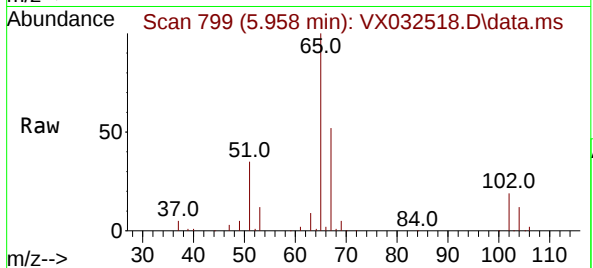
67 51.1 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/02/2022

Supervised By :Mahesh Dadoda 11/02/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX032518.D

Acq: 01 Nov 2022 17:08

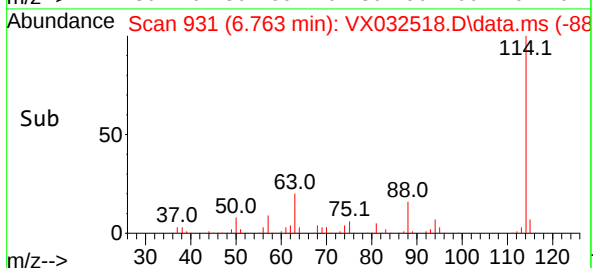
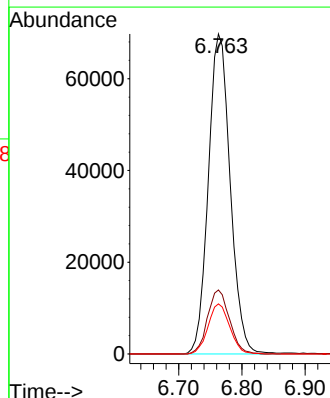
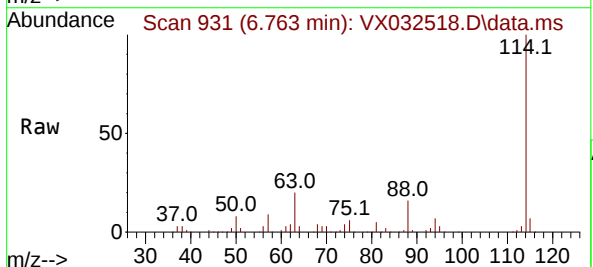
Tgt Ion:114 Resp: 167523

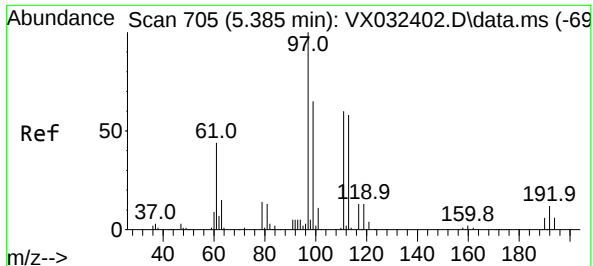
Ion Ratio Lower Upper

114 100

63 20.0 0.0 41.6

88 15.7 0.0 33.4





#35

Dibromofluoromethane

Concen: 48.019 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX032518.D

Acq: 01 Nov 2022 17:08

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022

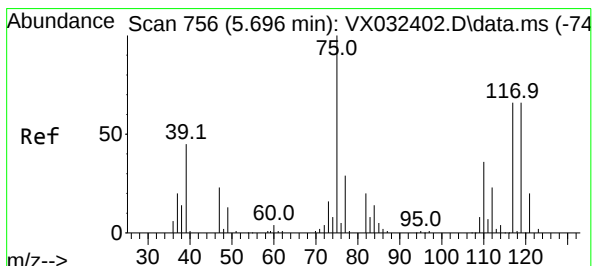
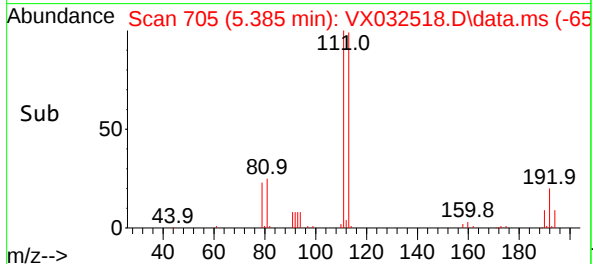
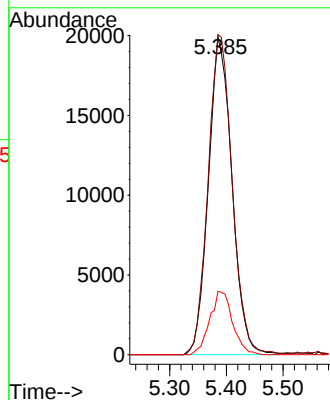
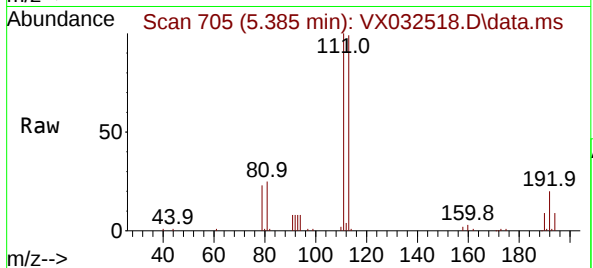
Tgt Ion:113	Resp:	5738
Ion Ratio	Lower	Upper
113	100	
111	103.3	82.4 123.6
192	19.3	15.4 23.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/02/2022

Supervised By :Mahesh Dadoda 11/02/2022



#36

1,1-Dichloropropene

Concen: 0.377 ug/l

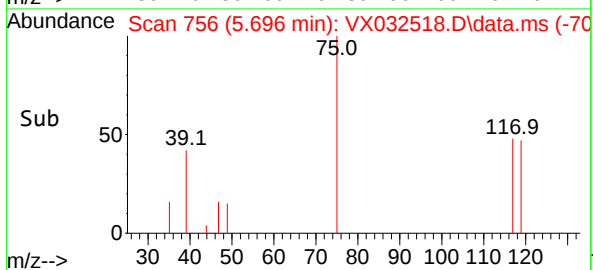
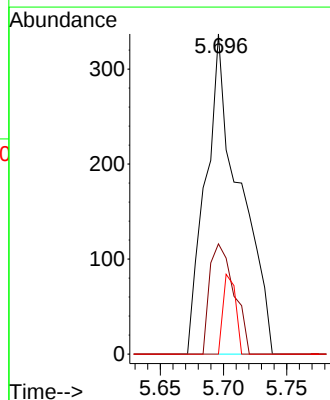
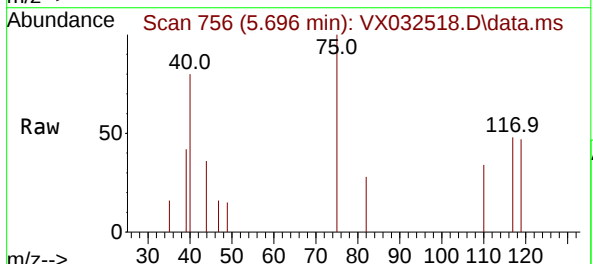
RT: 5.696 min Scan# 756

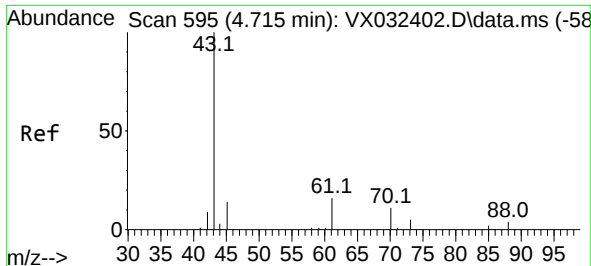
Delta R.T. -0.000 min

Lab File: VX032518.D

Acq: 01 Nov 2022 17:08

Tgt Ion: 75	Resp:	628
Ion Ratio	Lower	Upper
75	100	
110	24.7	18.4 55.2
77	9.1	24.5 36.7





#37

Ethyl Acetate

Concen: 0.377 ug/l m

RT: 4.751 min Scan# 601

Delta R.T. 0.037 min

Lab File: VX032518.D

Acq: 01 Nov 2022 17:08

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022

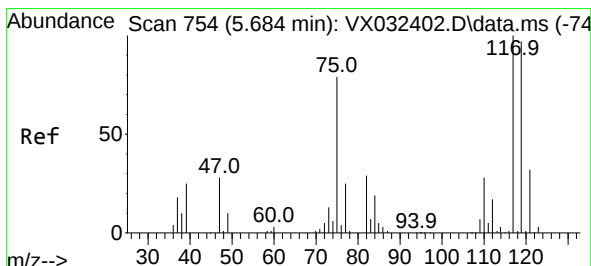
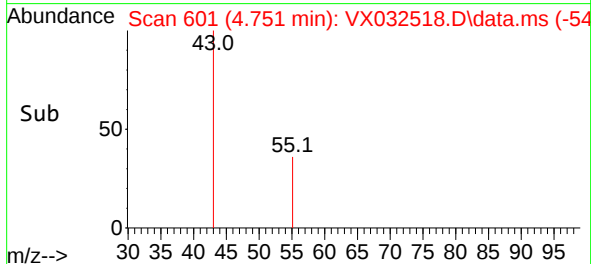
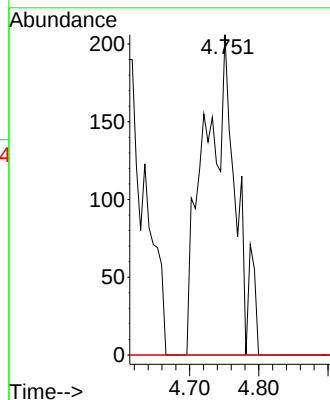
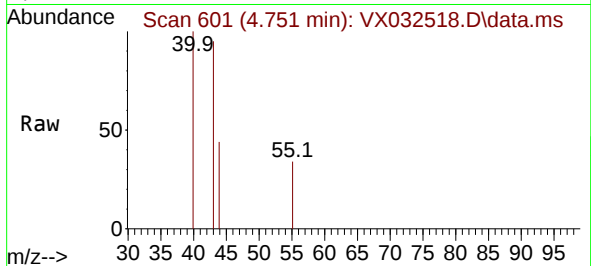
Tgt Ion: 43	Resp: 65
Ion Ratio	Lower Upper
43 100	
61 0.0	11.5 17.3
70 0.0	9.1 13.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/02/2022

Supervised By :Mahesh Dadoda 11/02/2022



#38

Carbon Tetrachloride

Concen: 0.377 ug/l

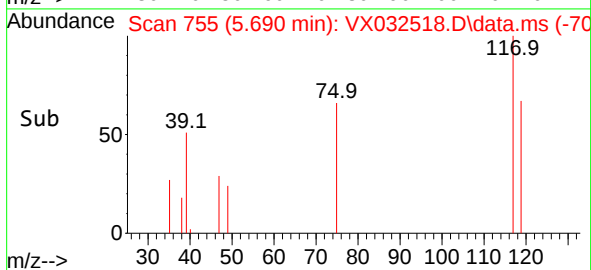
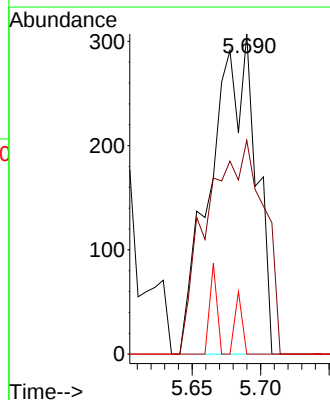
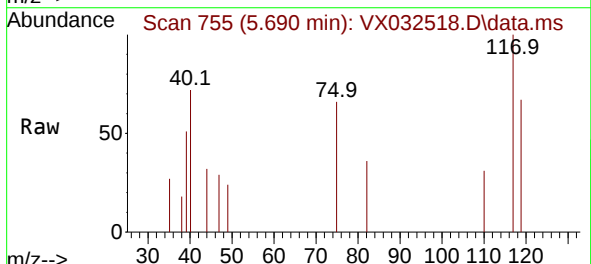
RT: 5.690 min Scan# 755

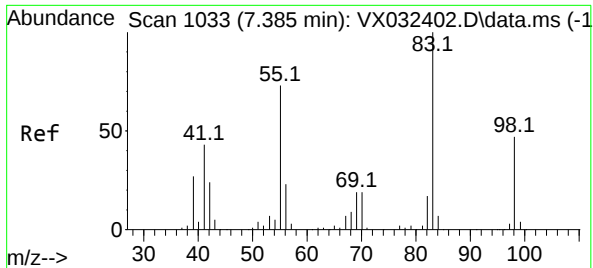
Delta R.T. 0.006 min

Lab File: VX032518.D

Acq: 01 Nov 2022 17:08

Tgt Ion: 117	Resp: 695
Ion Ratio	Lower Upper
117 100	
119 66.8	77.2 115.8
121 0.0	25.8 38.6





#39

Methylcyclohexane

Concen: 0.359 ug/l

RT: 7.391 min Scan# 1034

Delta R.T. 0.006 min

Lab File: VX032518.D

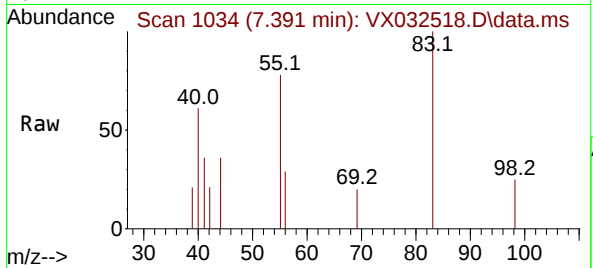
Acq: 01 Nov 2022 17:08

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022



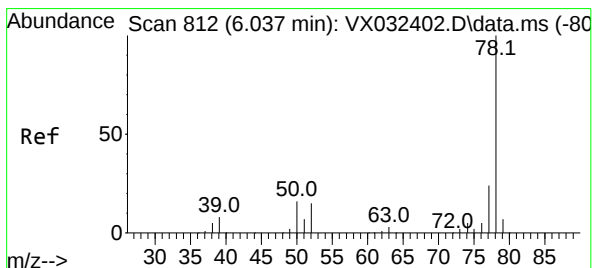
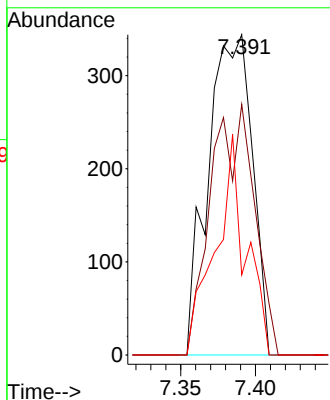
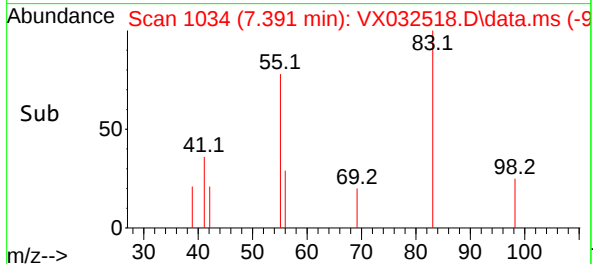
Tgt Ion:	83	Resp:	700
Ion	Ratio	Lower	Upper
83	100		
55	78.2	58.4	87.6
98	25.0	37.2	55.8

Manual Integrations

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Reviewed By :John Carlone 11/02/2022

Supervised By :Mahesh Dadoda 11/02/2022



#40

Benzene

Concen: 0.399 ug/l

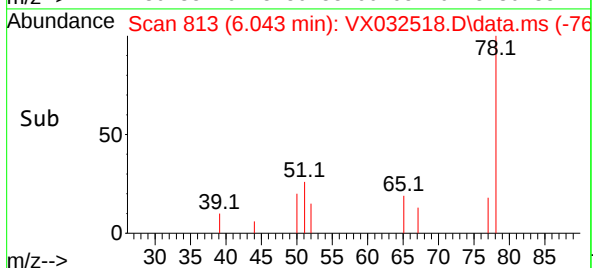
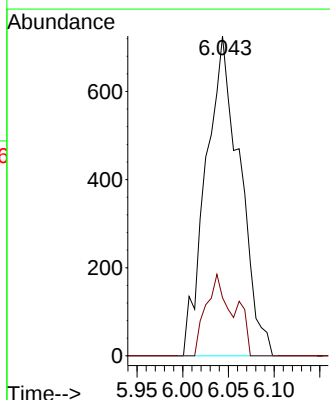
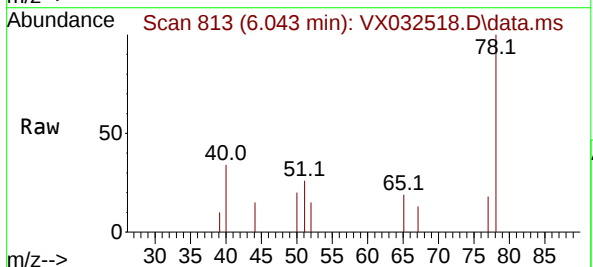
RT: 6.043 min Scan# 813

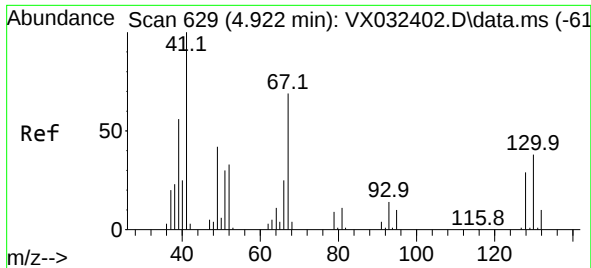
Delta R.T. 0.006 min

Lab File: VX032518.D

Acq: 01 Nov 2022 17:08

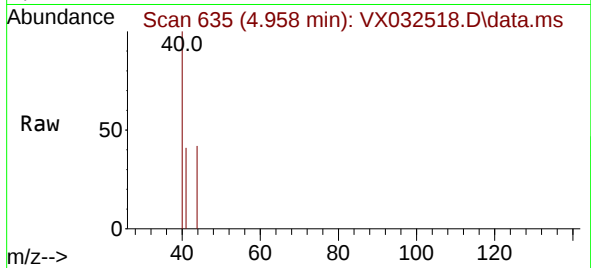
Tgt Ion:	78	Resp:	1877
Ion	Ratio	Lower	Upper
78	100		
77	18.2	19.0	28.4





#41
Methacrylonitrile
Concen: 0.228 ug/l
RT: 4.958 min Scan# 61
Delta R.T. 0.036 min
Lab File: VX032518.D
Acq: 01 Nov 2022 17:08

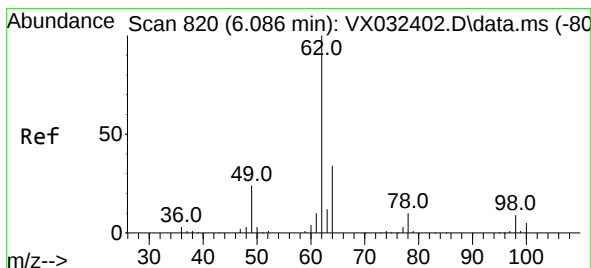
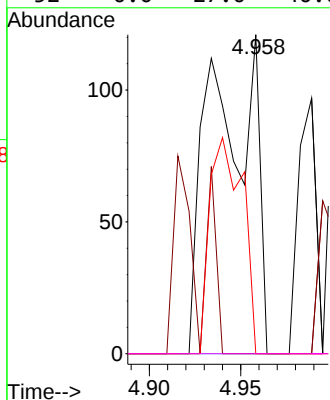
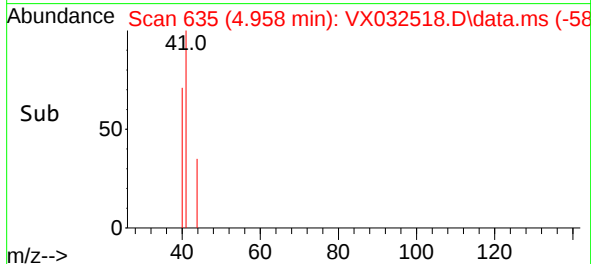
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



Tgt Ion: 41 Resp: 20
Ion Ratio Lower Upper
41 100
39 0.0 47.5 71.3
67 51.2 60.5 90.7
52 0.0 27.0 40.6

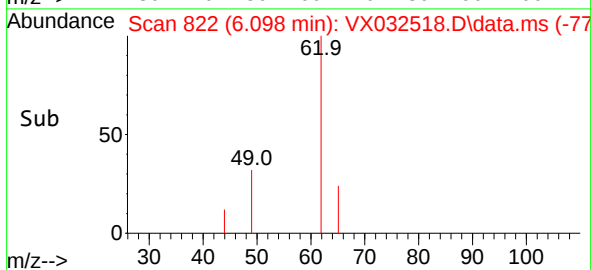
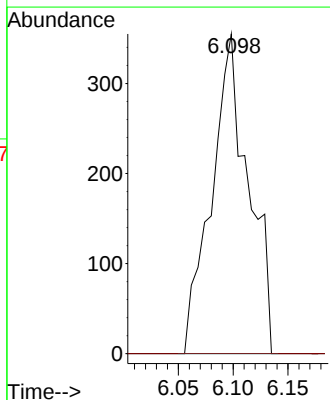
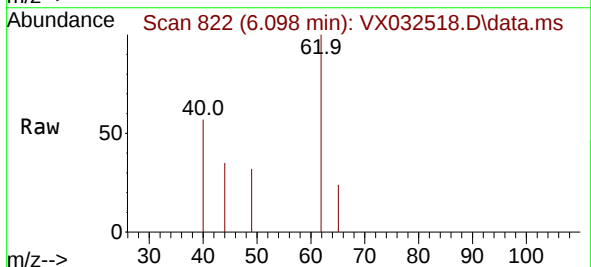
Manual Integrations
APPROVED

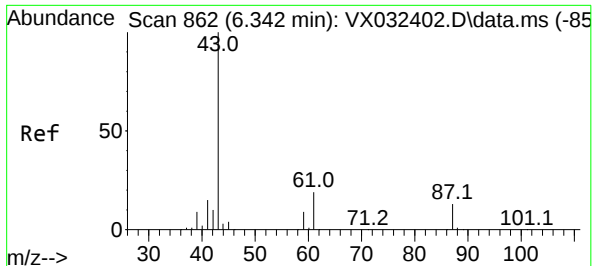
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#42
1,2-Dichloroethane
Concen: 0.433 ug/l
RT: 6.098 min Scan# 822
Delta R.T. 0.012 min
Lab File: VX032518.D
Acq: 01 Nov 2022 17:08

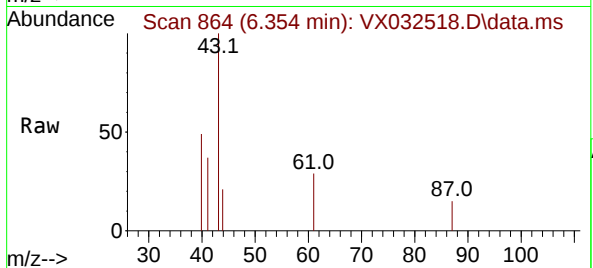
Tgt Ion: 62 Resp: 833
Ion Ratio Lower Upper
62 100
98 0.0 0.0 16.0





#43
Isopropyl Acetate
Concen: 0.366 ug/l
RT: 6.354 min Scan# 864
Delta R.T. 0.012 min
Lab File: VX032518.D
Acq: 01 Nov 2022 17:08

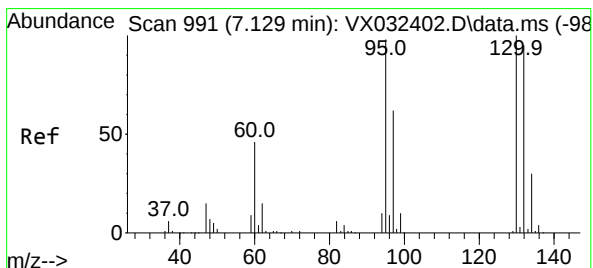
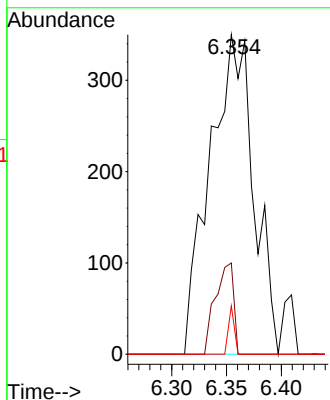
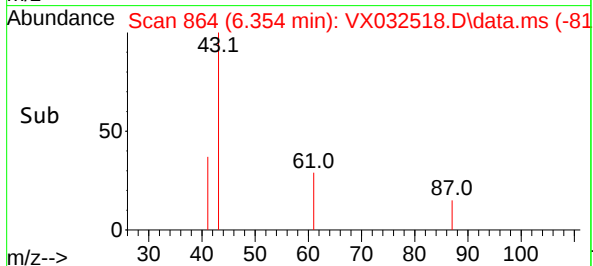
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT4-2022



Tgt Ion: 43 Resp: 974
Ion Ratio Lower Upper
43 100
61 11.9 15.4 23.0
87 2.0 10.8 16.2

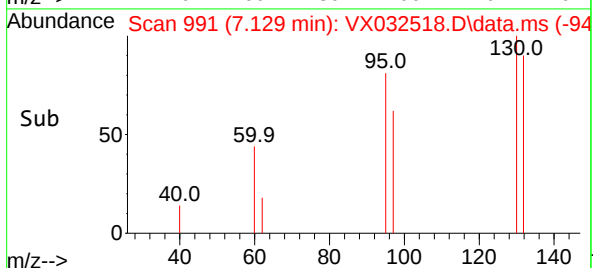
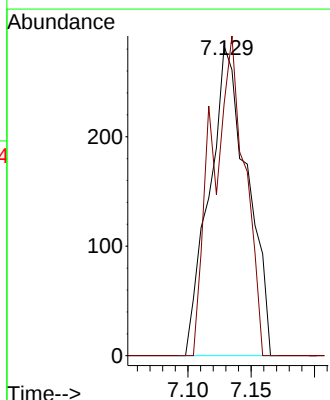
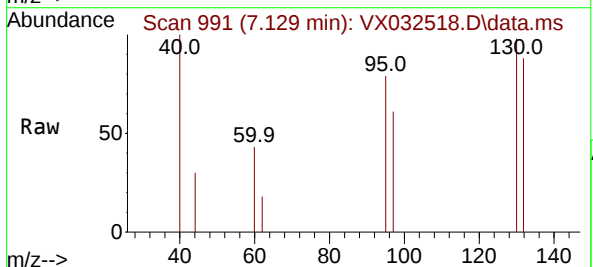
Manual Integrations
APPROVED

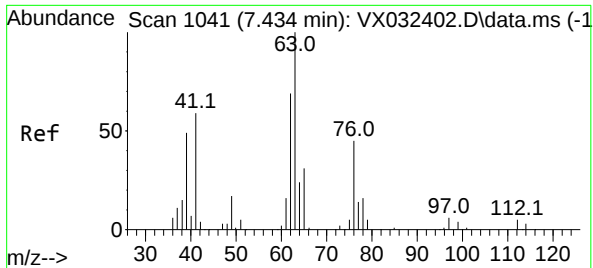
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#44
Trichloroethene
Concen: 0.445 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX032518.D
Acq: 01 Nov 2022 17:08

Tgt Ion:130 Resp: 590
Ion Ratio Lower Upper
130 100
95 81.3 0.0 195.2





#45

1,2-Dichloropropane

Concen: 0.342 ug/l

RT: 7.446 min Scan# 1043

Delta R.T. 0.012 min

Lab File: VX032518.D

Acq: 01 Nov 2022 17:08

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022

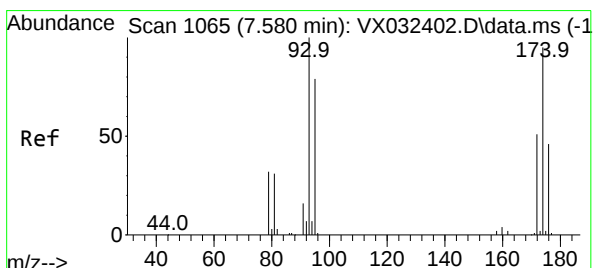
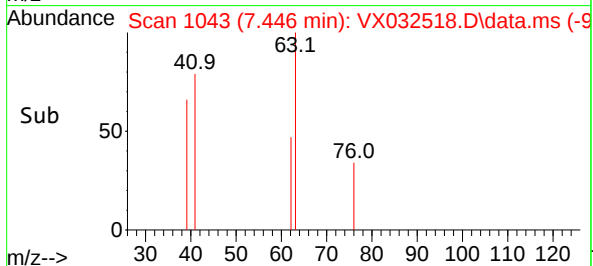
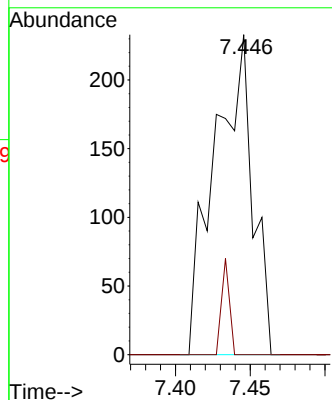
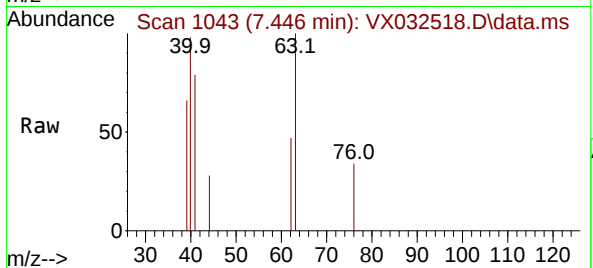
Tgt Ion: 63 Resp: 411
 Ion Ratio Lower Upper
 63 100
 65 0.0 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/02/2022

Supervised By :Mahesh Dadoda 11/02/2022



#46

Dibromomethane

Concen: 0.325 ug/l

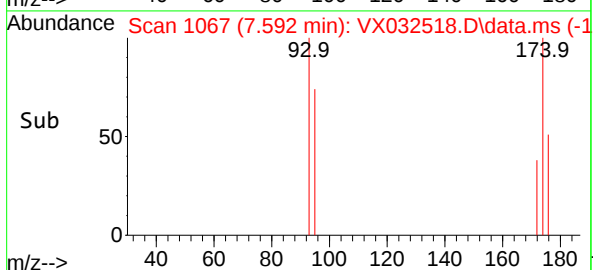
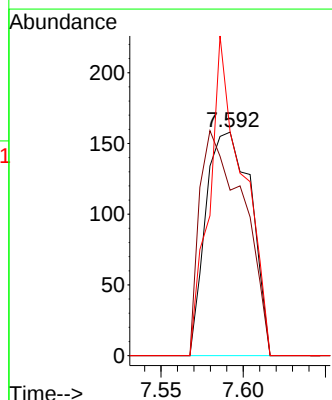
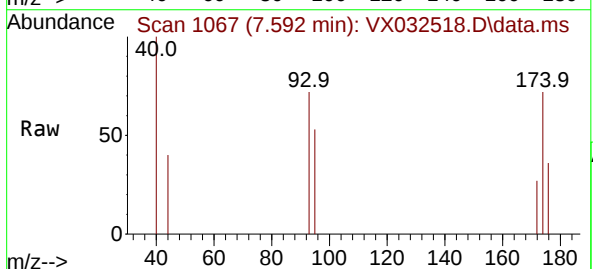
RT: 7.592 min Scan# 1067

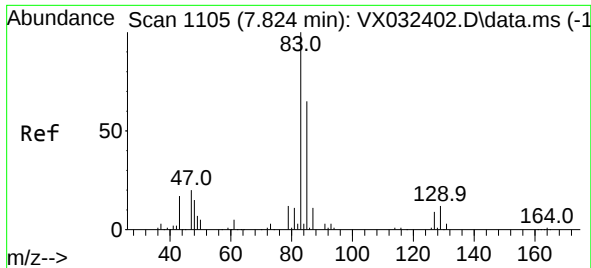
Delta R.T. 0.012 min

Lab File: VX032518.D

Acq: 01 Nov 2022 17:08

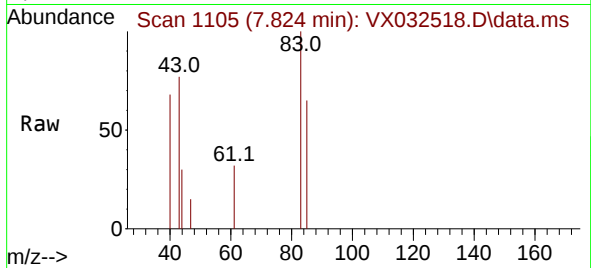
Tgt Ion: 93 Resp: 301
 Ion Ratio Lower Upper
 93 100
 95 98.0 65.8 98.8
 174 106.6 79.8 119.6





#47
Bromodichloromethane
Concen: 0.348 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX032518.D
Acq: 01 Nov 2022 17:08

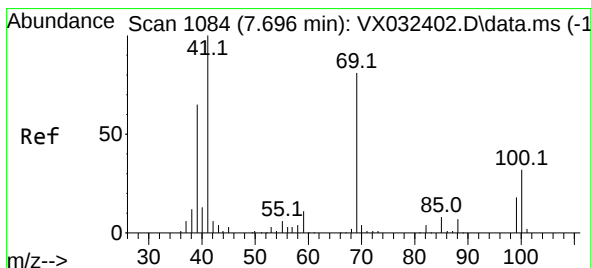
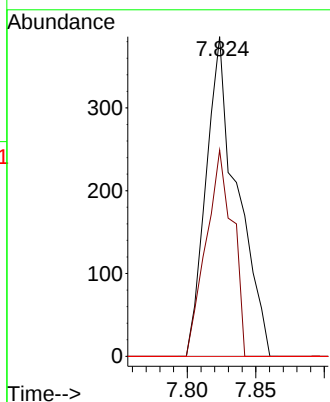
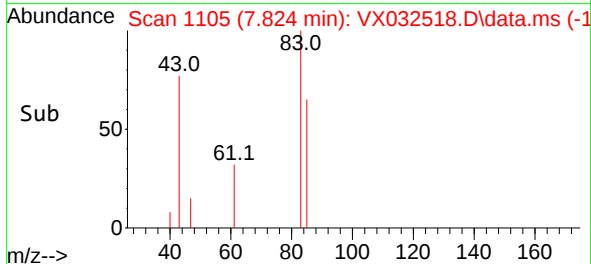
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT4-2022



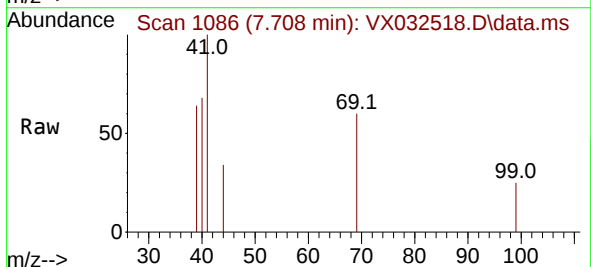
Tgt Ion: 83 Resp: 612
Ion Ratio Lower Upper
83 100
85 64.5 52.2 78.4
127 0.0 7.4 11.2

Manual Integrations
APPROVED

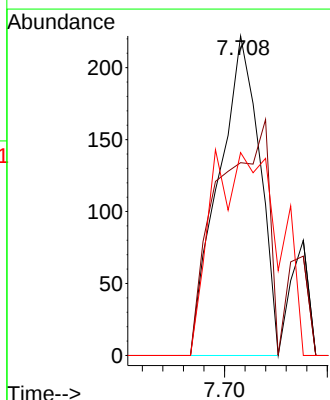
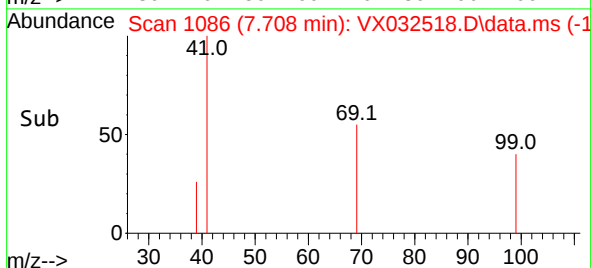
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022

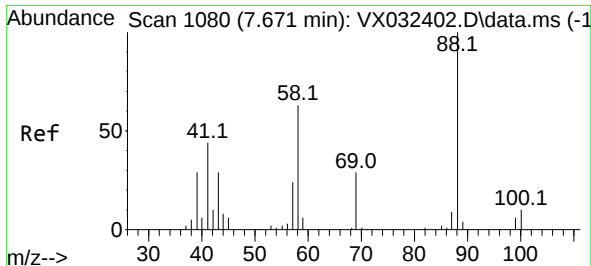


#48
Methyl methacrylate
Concen: 0.224 ug/l
RT: 7.708 min Scan# 1086
Delta R.T. 0.012 min
Lab File: VX032518.D
Acq: 01 Nov 2022 17:08



Tgt Ion: 41 Resp: 307
Ion Ratio Lower Upper
41 100
69 106.5 65.1 97.7#
39 0.0 51.9 77.9#





#49

1,4-Dioxane

Concen: 5.196 ug/l m

RT: 7.689 min Scan# 1083

Delta R.T. 0.018 min

Lab File: VX032518.D

Acq: 01 Nov 2022 17:08

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022

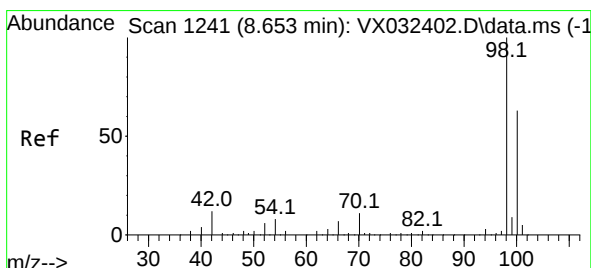
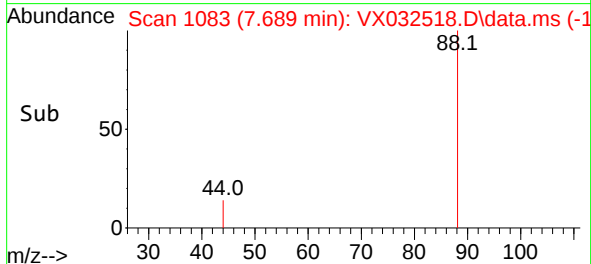
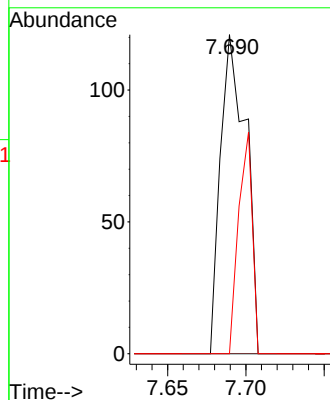
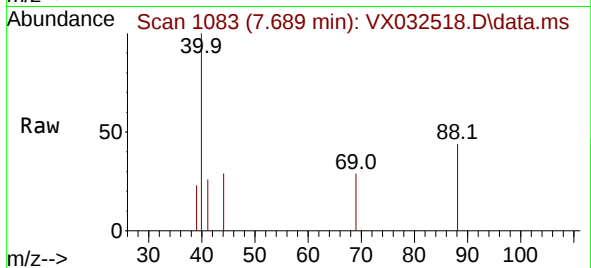
Tgt Ion: 88	Resp: 130
Ion Ratio	Lower Upper
88	100
43	0.0 26.6 39.8
58	0.0 51.7 77.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/02/2022

Supervised By :Mahesh Dadoda 11/02/2022



#50

Toluene-d8

Concen: 46.508 ug/l

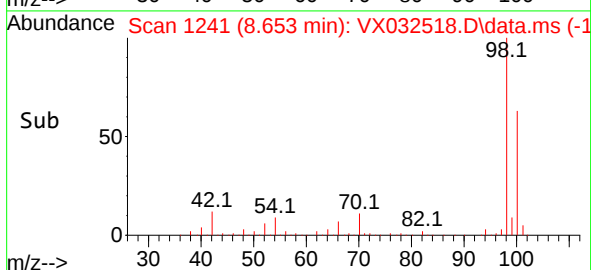
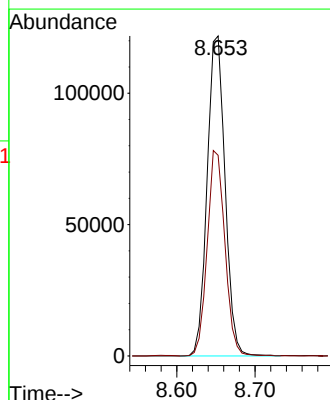
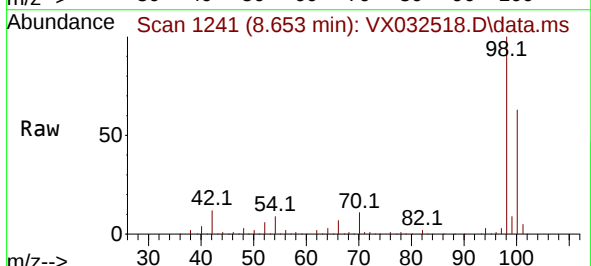
RT: 8.653 min Scan# 1241

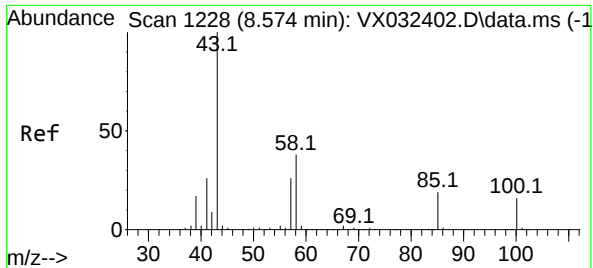
Delta R.T. -0.000 min

Lab File: VX032518.D

Acq: 01 Nov 2022 17:08

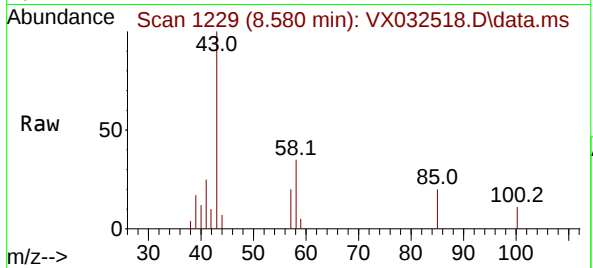
Tgt Ion: 98	Resp: 193247
Ion Ratio	Lower Upper
98	100
100	63.3 50.9 76.3





#51
4-Methyl-2-Pentanone
Concen: 1.745 ug/l
RT: 8.580 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VX032518.D
Acq: 01 Nov 2022 17:08

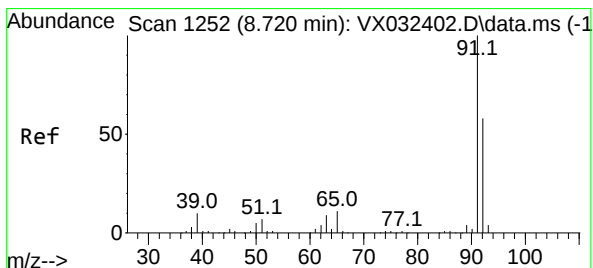
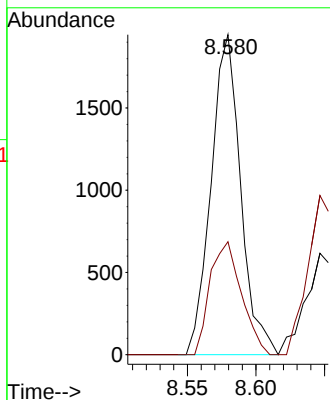
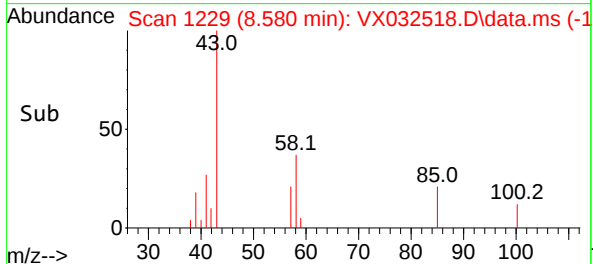
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



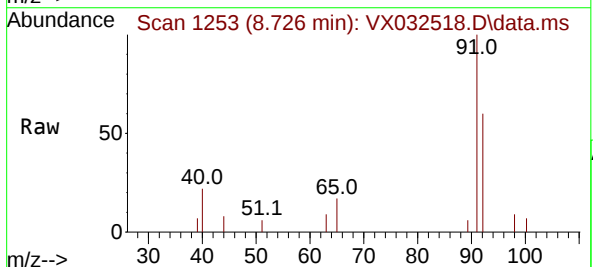
Tgt Ion: 43 Resp: 292
Ion Ratio Lower Upper
43 100
58 37.5 30.9 46.3

Manual Integrations
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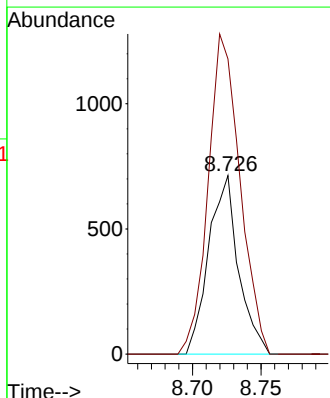
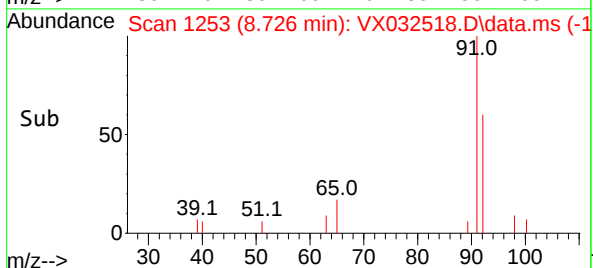
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022

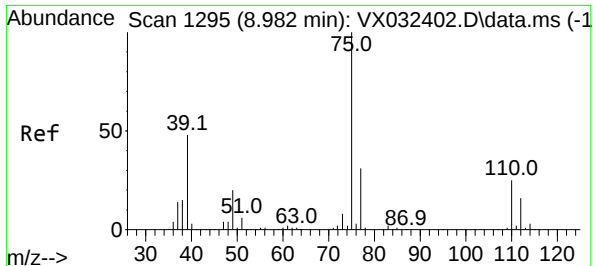


#52
Toluene
Concen: 0.351 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX032518.D
Acq: 01 Nov 2022 17:08



Tgt Ion: 92 Resp: 1078
Ion Ratio Lower Upper
92 100
91 191.7 138.3 207.5





#53

t-1,3-Dichloropropene

Concen: 0.337 ug/l

RT: 8.982 min Scan# 1195

Delta R.T. -0.000 min

Lab File: VX032518.D

Acq: 01 Nov 2022 17:08

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022

Tgt Ion: 75 Resp: 604

Ion Ratio Lower Upper

75 100

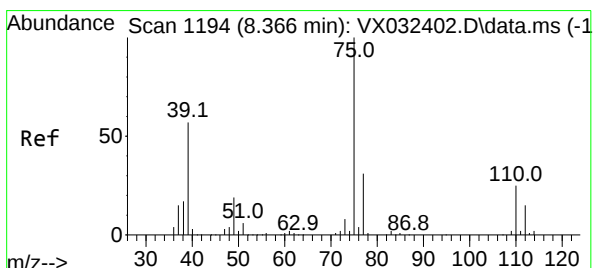
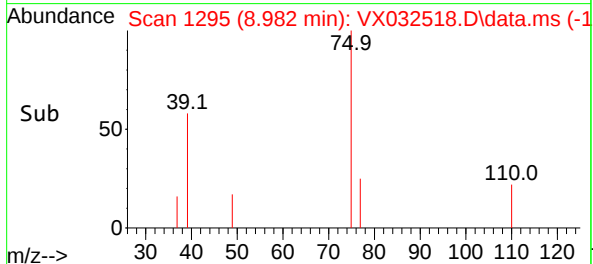
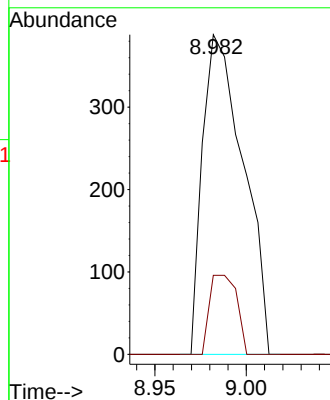
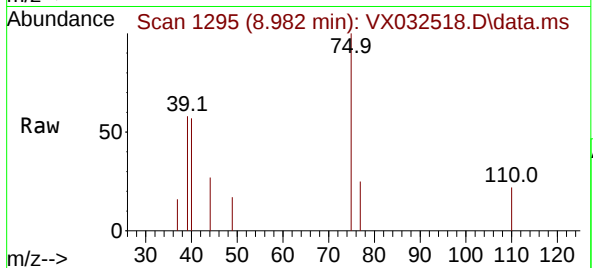
77 24.7 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/02/2022

Supervised By :Mahesh Dadoda 11/02/2022



#54

cis-1,3-Dichloropropene

Concen: 0.329 ug/l

RT: 8.378 min Scan# 1196

Delta R.T. 0.012 min

Lab File: VX032518.D

Acq: 01 Nov 2022 17:08

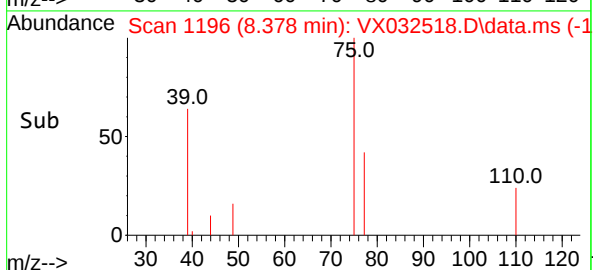
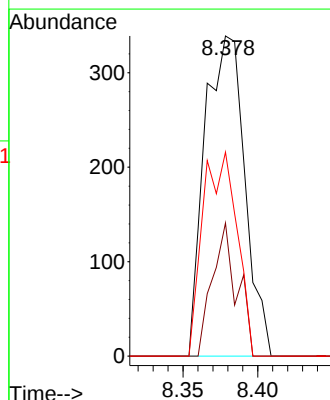
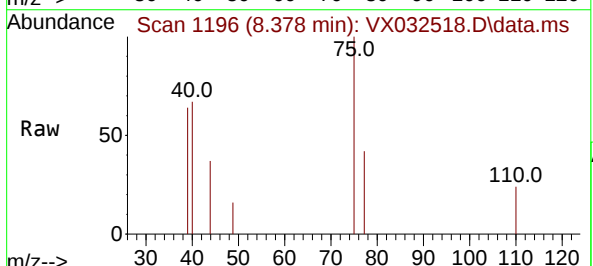
Tgt Ion: 75 Resp: 630

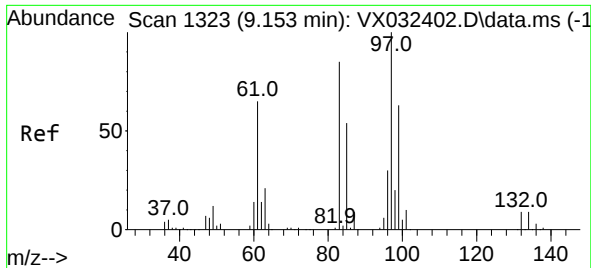
Ion Ratio Lower Upper

75 100

77 41.6 25.1 37.7

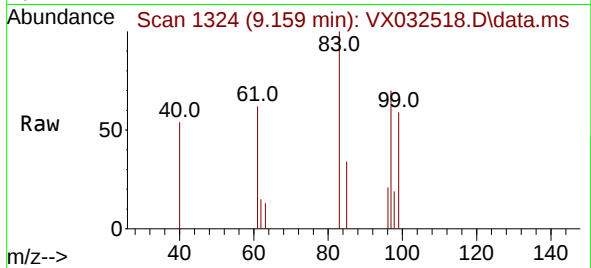
39 63.7 45.5 68.3





#55
1,1,2-Trichloroethane
Concen: 0.342 ug/l
RT: 9.159 min Scan# 1324
Delta R.T. 0.006 min
Lab File: VX032518.D
Acq: 01 Nov 2022 17:08

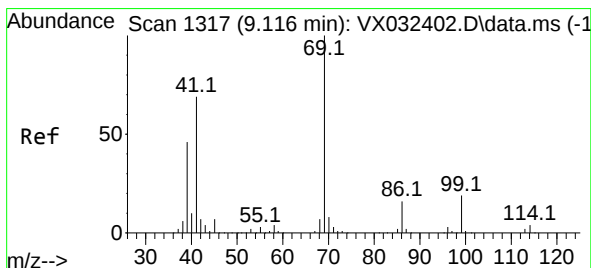
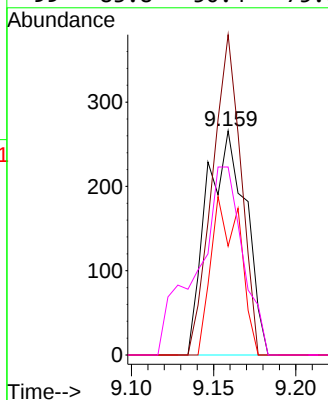
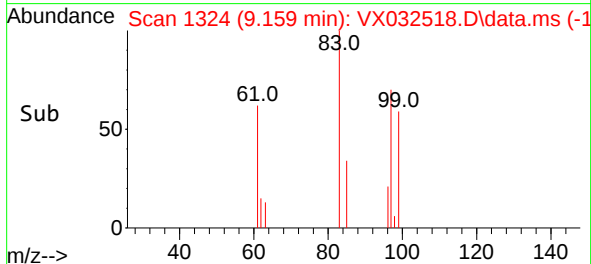
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



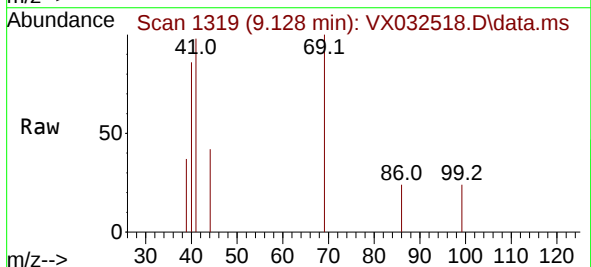
Tgt Ion: 97 Resp: 44.2
Ion Ratio Lower Upper
97 100
83 142.9 68.1 102.1
85 48.5 43.3 64.9
99 83.8 50.4 75.6

Manual Integrations
APPROVED

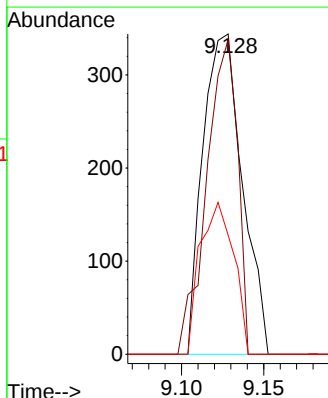
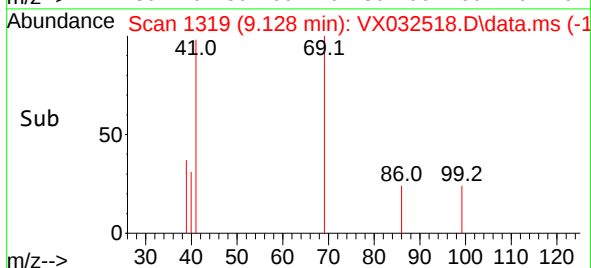
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022

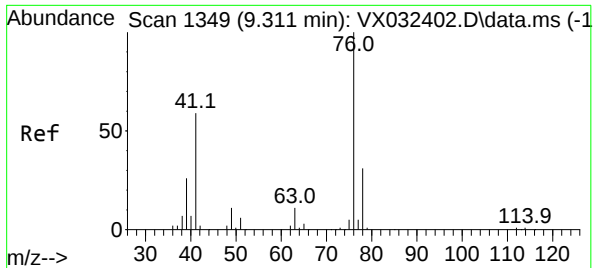


#56
Ethyl methacrylate
Concen: 0.309 ug/l
RT: 9.128 min Scan# 1319
Delta R.T. 0.012 min
Lab File: VX032518.D
Acq: 01 Nov 2022 17:08



Tgt Ion: 69 Resp: 575
Ion Ratio Lower Upper
69 100
41 77.0 54.3 81.5
39 40.2 35.2 52.8





#57

1,3-Dichloropropane

Concen: 0.361 ug/l

RT: 9.317 min Scan# 1135

Delta R.T. 0.006 min

Lab File: VX032518.D

Acq: 01 Nov 2022 17:08

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022

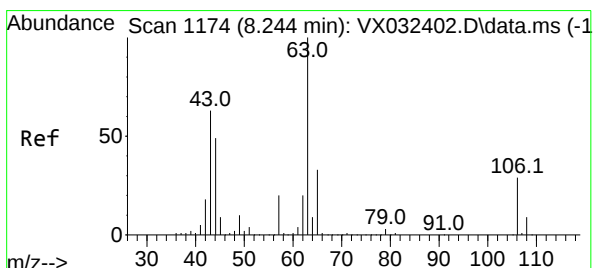
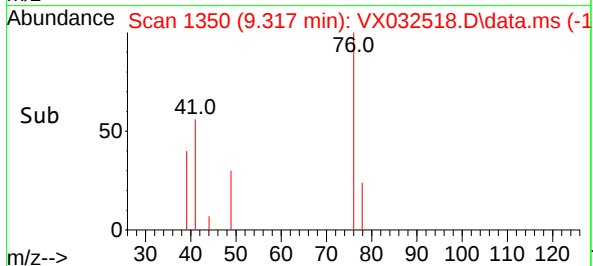
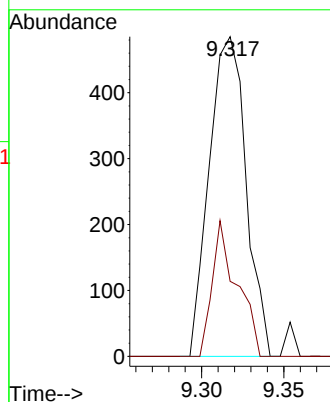
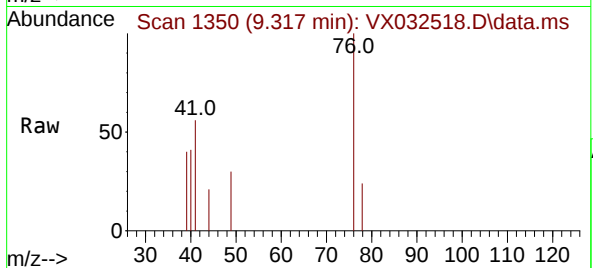
Tgt Ion: 76 Resp: 75
 Ion Ratio Lower Upper
 76 100
 78 28.6 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/02/2022

Supervised By :Mahesh Dadoda 11/02/2022



#58

2-Chloroethyl Vinyl ether

Concen: 1.857 ug/l

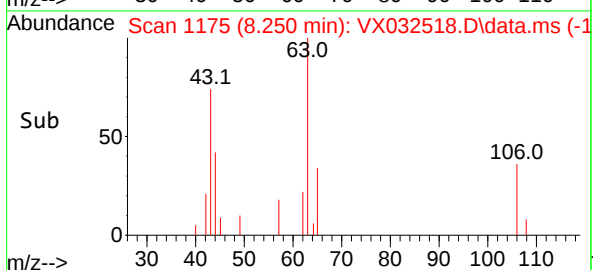
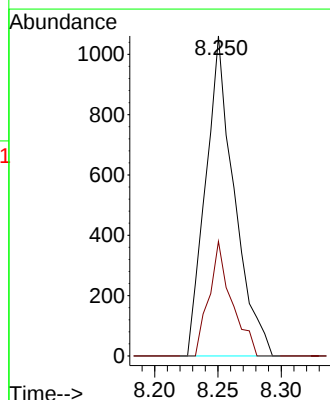
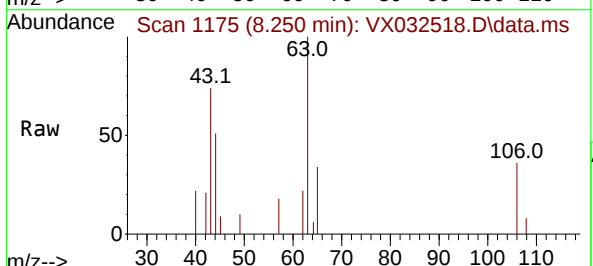
RT: 8.250 min Scan# 1175

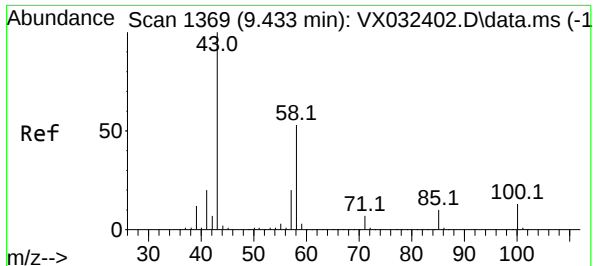
Delta R.T. 0.006 min

Lab File: VX032518.D

Acq: 01 Nov 2022 17:08

Tgt Ion: 63 Resp: 1665
 Ion Ratio Lower Upper
 63 100
 106 28.3 23.3 34.9





#59

2-Hexanone

Concen: 1.702 ug/l

RT: 9.439 min Scan# 1370

Delta R.T. 0.006 min

Lab File: VX032518.D

Acq: 01 Nov 2022 17:08

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022

Tgt Ion: 43 Resp: 211

Ion Ratio Lower Upper

43 100

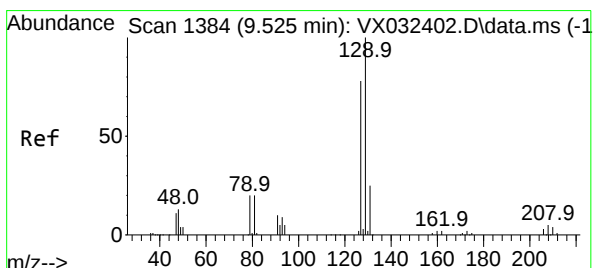
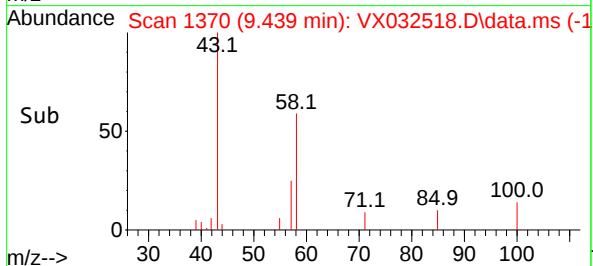
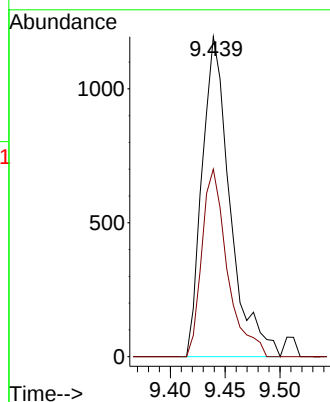
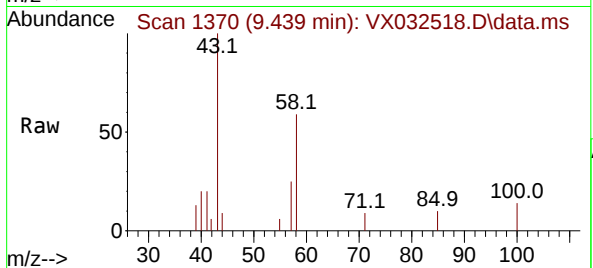
58 53.6 26.5 79.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/02/2022

Supervised By :Mahesh Dadoda 11/02/2022



#60

Dibromochloromethane

Concen: 0.315 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VX032518.D

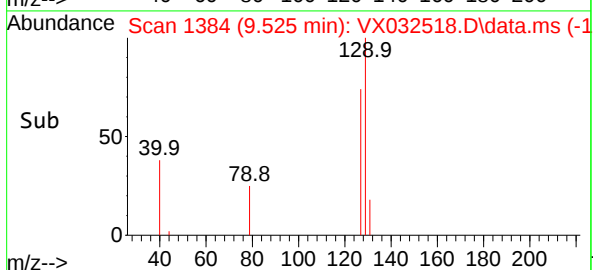
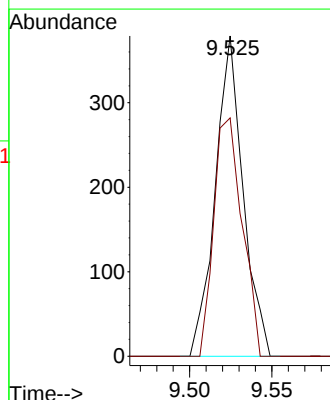
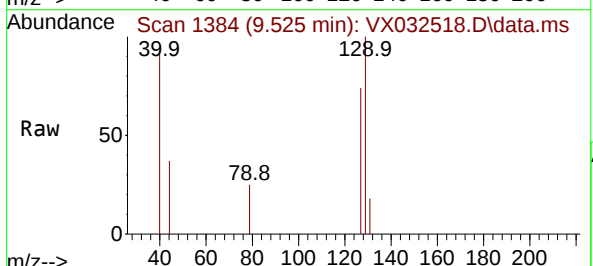
Acq: 01 Nov 2022 17:08

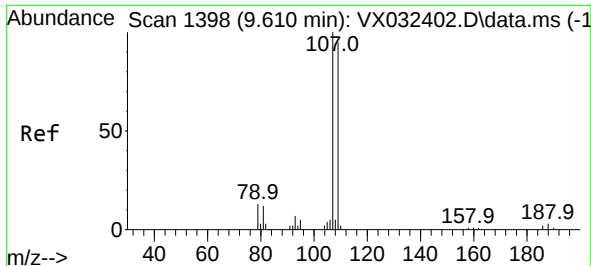
Tgt Ion:129 Resp: 445

Ion Ratio Lower Upper

129 100

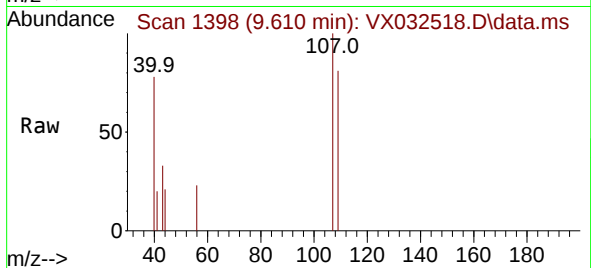
127 76.0 38.6 115.8





#61
1,2-Dibromoethane
Concen: 0.363 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX032518.D
Acq: 01 Nov 2022 17:08

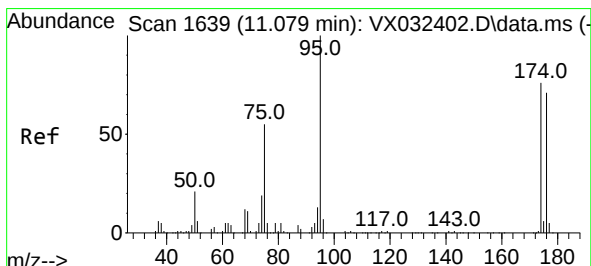
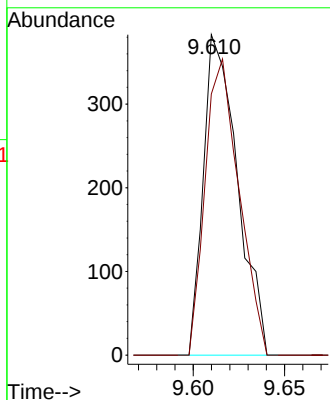
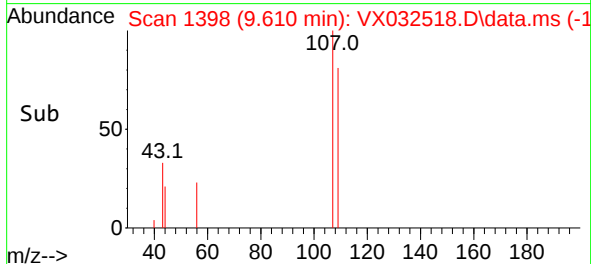
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT4-2022



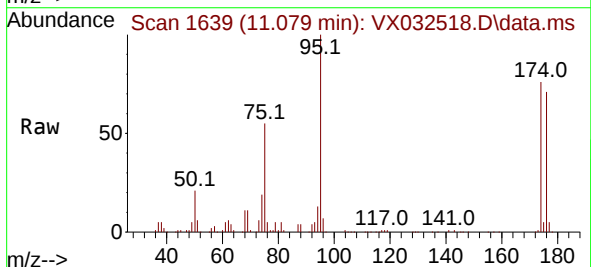
Tgt Ion:107 Resp: 497
Ion Ratio Lower Upper
107 100
109 92.0 76.0 114.0

Manual Integrations
APPROVED

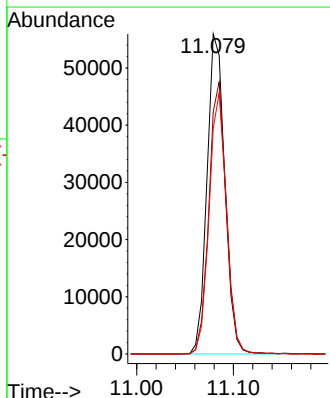
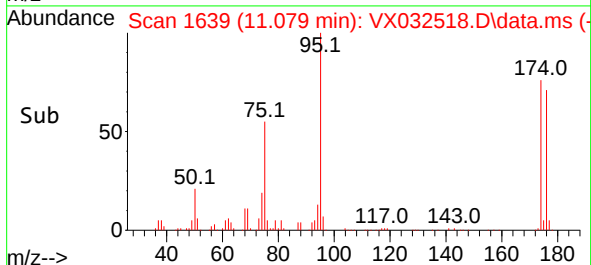
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022

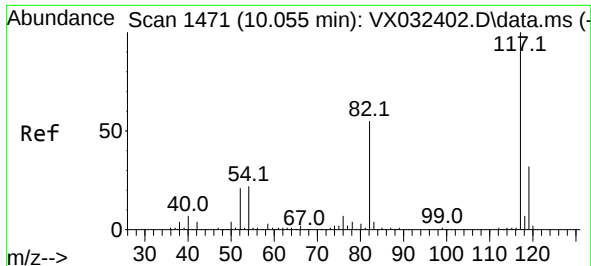


#62
4-Bromofluorobenzene
Concen: 44.031 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX032518.D
Acq: 01 Nov 2022 17:08



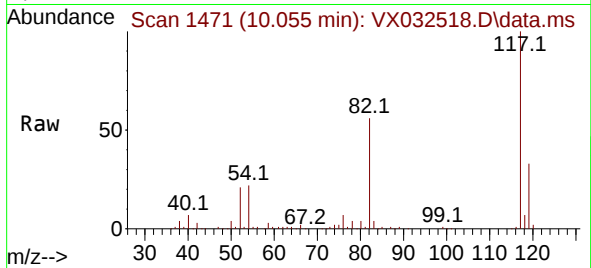
Tgt Ion: 95 Resp: 71467
Ion Ratio Lower Upper
95 100
174 83.7 0.0 164.0
176 79.6 0.0 154.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032518.D
Acq: 01 Nov 2022 17:08

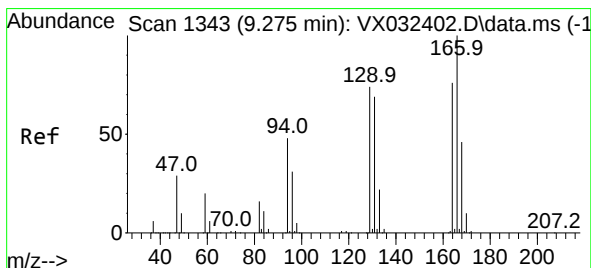
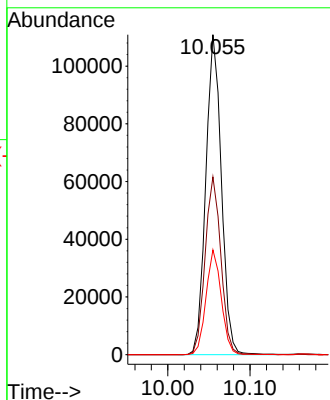
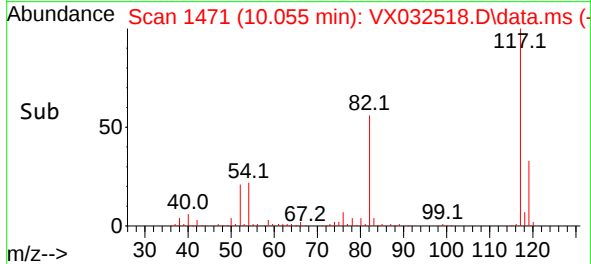
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT4-2022



Tgt Ion:117 Resp: 14610
Ion Ratio Lower Upper
117 100
82 55.5 44.3 66.5
119 32.7 25.7 38.5

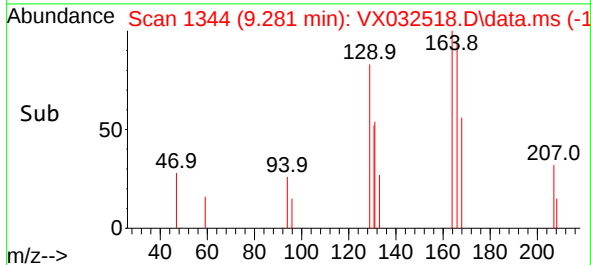
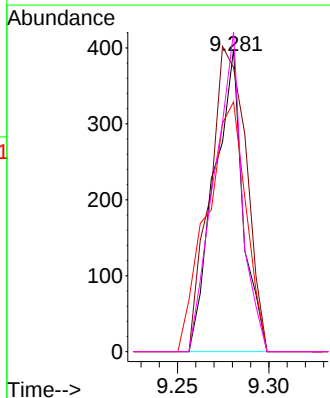
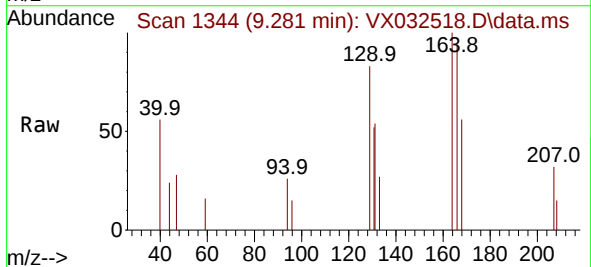
Manual Integrations
APPROVED

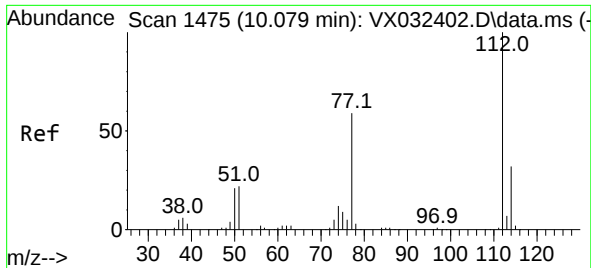
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#64
Tetrachloroethene
Concen: 0.407 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX032518.D
Acq: 01 Nov 2022 17:08

Tgt Ion:164 Resp: 435
Ion Ratio Lower Upper
164 100
166 94.0 105.4 158.2#
129 82.7 78.2 117.2
131 105.8 72.5 108.7





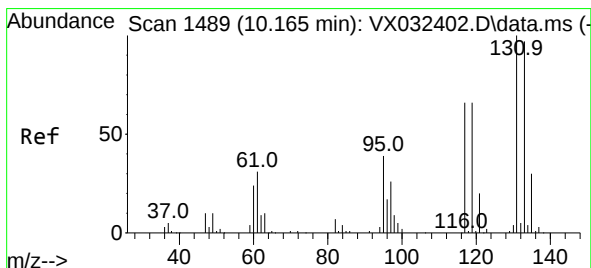
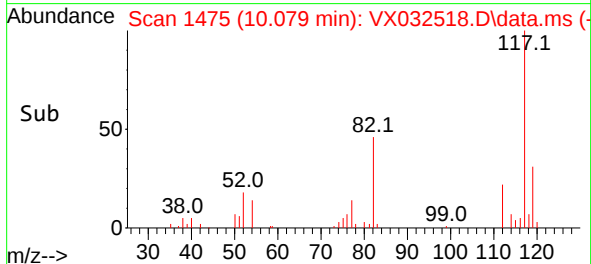
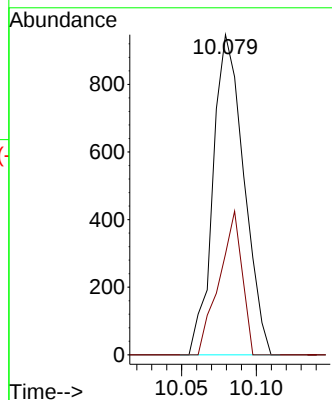
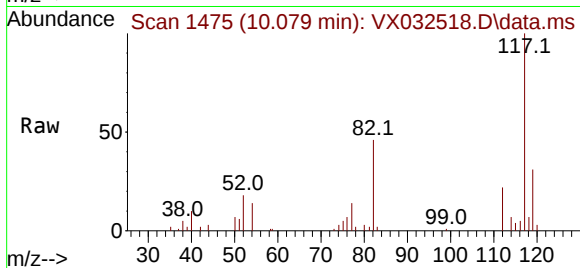
#65
Chlorobenzene
Concen: 0.416 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX032518.D
Acq: 01 Nov 2022 17:08

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT4-2022

Tgt Ion:112 Resp: 136
Ion Ratio Lower Upper
112 100
114 31.5 25.4 38.2

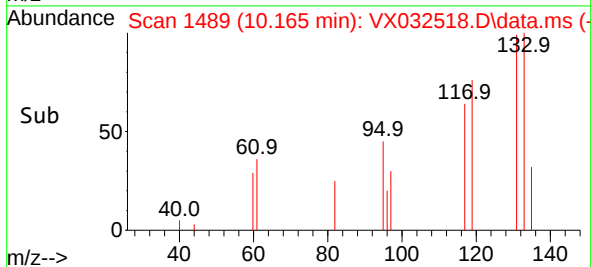
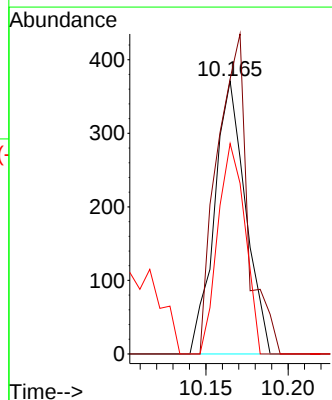
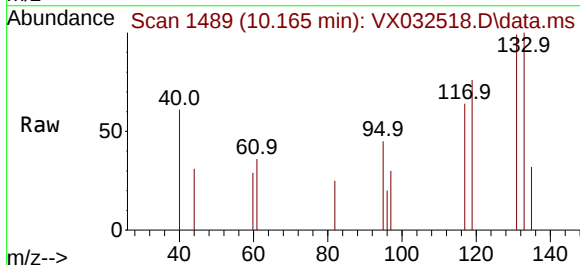
Manual Integrations
APPROVED

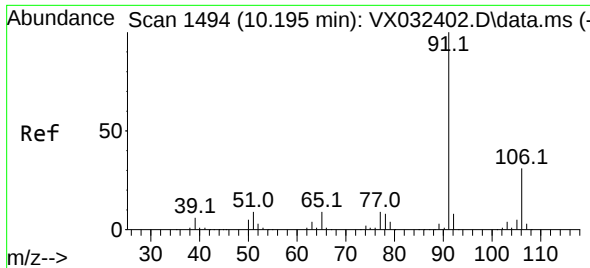
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 0.396 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX032518.D
Acq: 01 Nov 2022 17:08

Tgt Ion:131 Resp: 488
Ion Ratio Lower Upper
131 100
133 115.6 47.6 142.9
119 0.0 32.4 97.0#





#67

Ethyl Benzene

Concen: 0.378 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX032518.D

Acq: 01 Nov 2022 17:08

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022

Tgt Ion: 91 Resp: 221

Ion Ratio Lower Upper

91 100

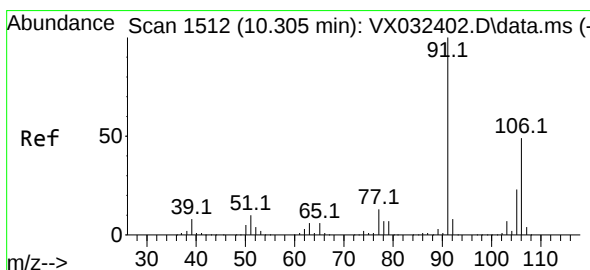
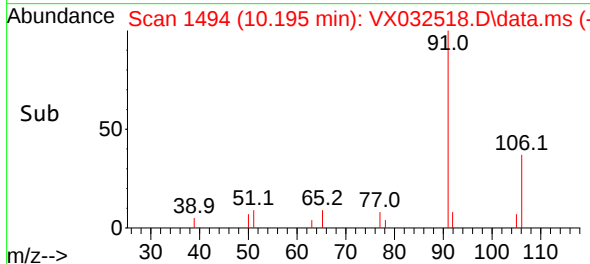
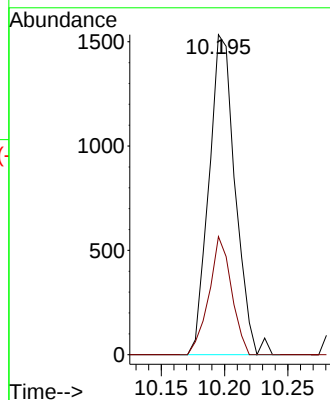
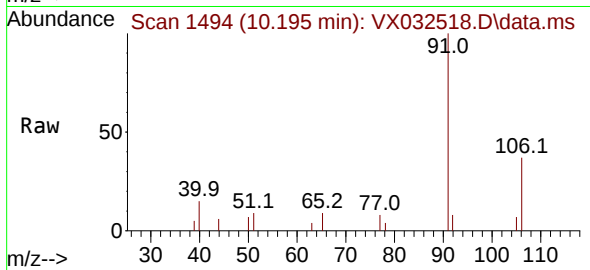
106 36.9 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/02/2022

Supervised By :Mahesh Dadoda 11/02/2022



#68

m/p-Xylenes

Concen: 0.727 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. -0.000 min

Lab File: VX032518.D

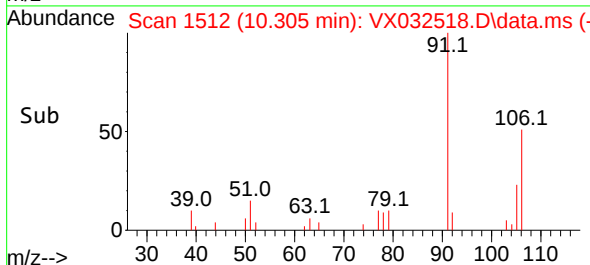
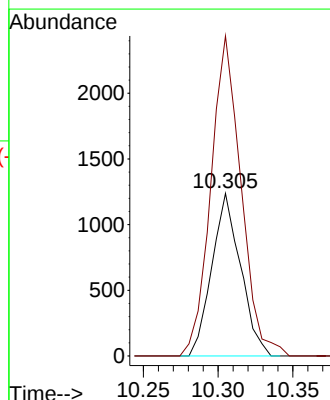
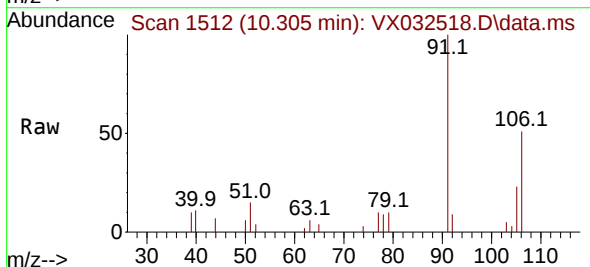
Acq: 01 Nov 2022 17:08

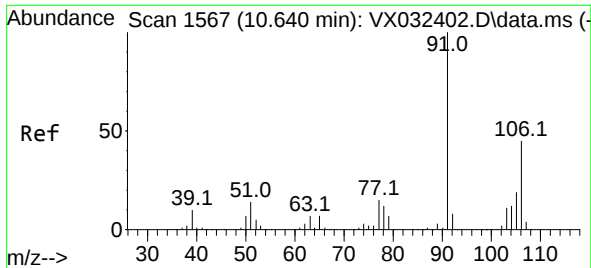
Tgt Ion:106 Resp: 1653

Ion Ratio Lower Upper

106 100

91 206.8 164.5 246.7





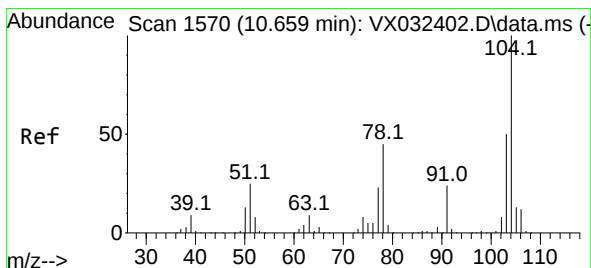
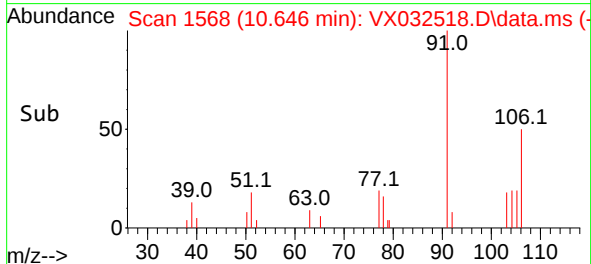
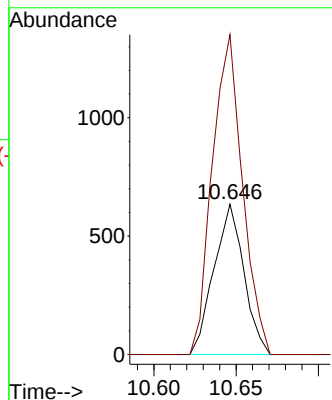
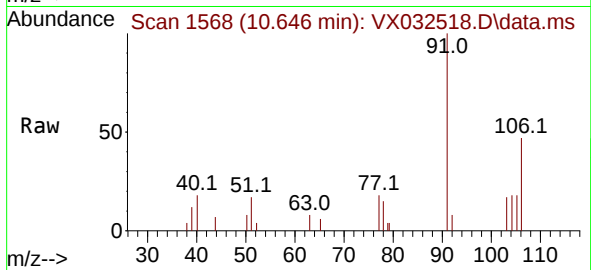
#69
o-Xylene
Concen: 0.364 ug/l
RT: 10.646 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VX032518.D
Acq: 01 Nov 2022 17:08

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

Tgt Ion:106 Resp: 804
Ion Ratio Lower Upper
106 100
91 214.6 109.2 327.6

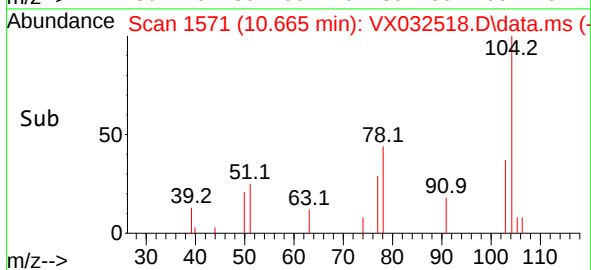
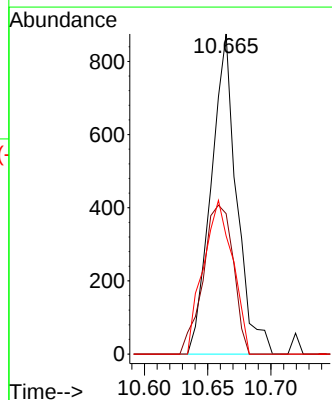
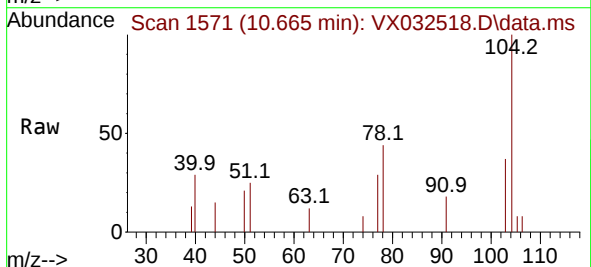
Manual Integrations
APPROVED

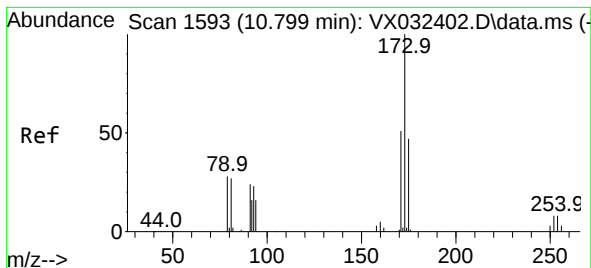
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#70
Styrene
Concen: 0.336 ug/l
RT: 10.665 min Scan# 1571
Delta R.T. 0.006 min
Lab File: VX032518.D
Acq: 01 Nov 2022 17:08

Tgt Ion:104 Resp: 1232
Ion Ratio Lower Upper
104 100
78 54.8 41.8 62.8
103 55.1 44.5 66.7





#71

Bromoform

Concen: 0.318 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX032518.D

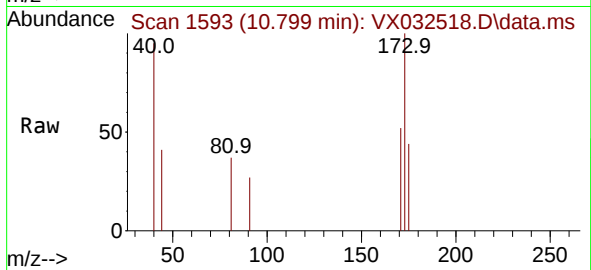
Acq: 01 Nov 2022 17:08

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022



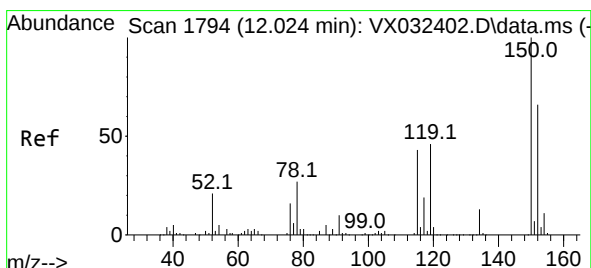
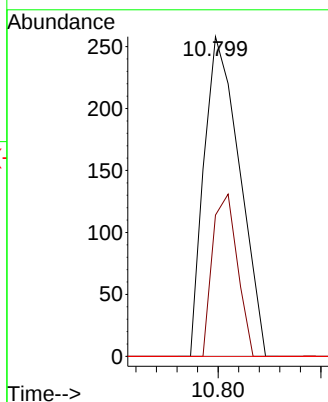
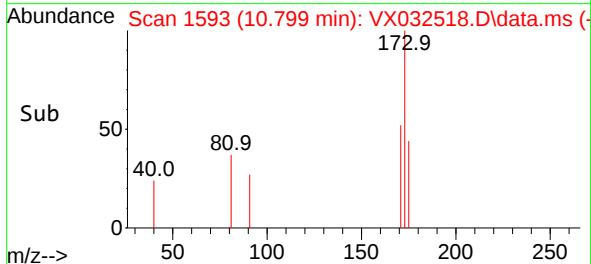
Tgt Ion:173	Resp:	310
Ion Ratio	Lower	Upper
173	100	
175	35.5	23.9 71.8
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/02/2022

Supervised By :Mahesh Dadoda 11/02/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

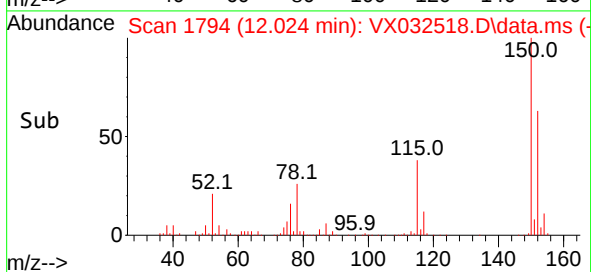
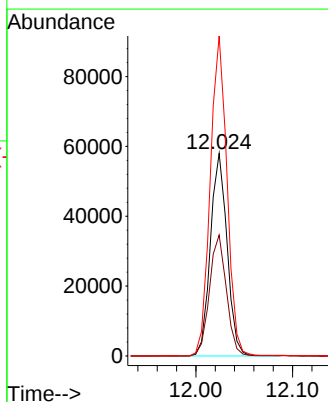
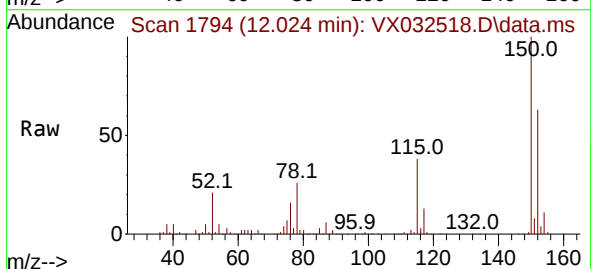
RT: 12.024 min Scan# 1794

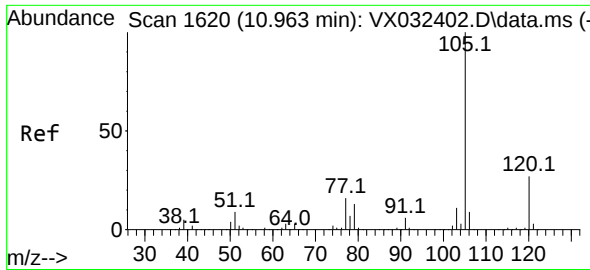
Delta R.T. -0.000 min

Lab File: VX032518.D

Acq: 01 Nov 2022 17:08

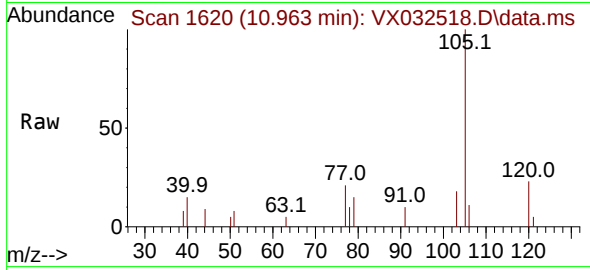
Tgt Ion:152	Resp:	69655
Ion Ratio	Lower	Upper
152	100	
115	60.6	44.0 132.0
150	158.3	0.0 351.8





#73
Isopropylbenzene
Concen: 0.395 ug/l
RT: 10.963 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VX032518.D
Acq: 01 Nov 2022 17:08

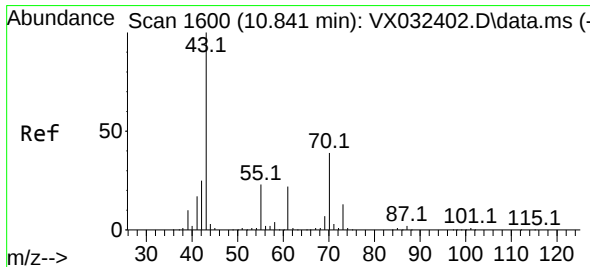
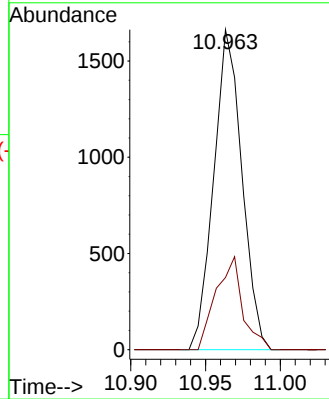
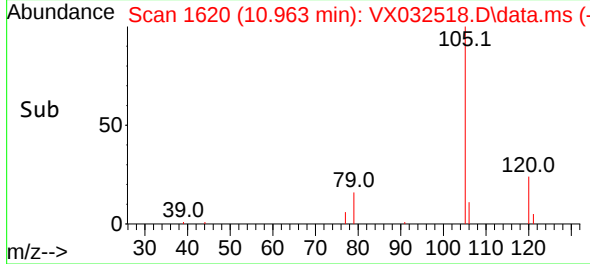
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



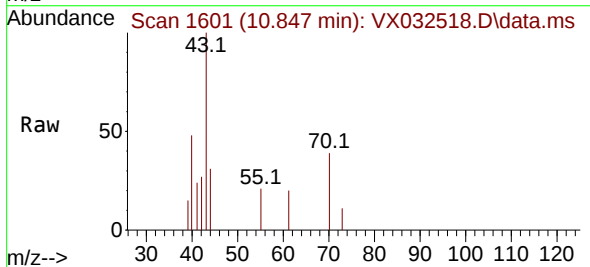
Tgt Ion:105 Resp: 2179
Ion Ratio Lower Upper
105 100
120 27.5 13.1 39.3

Manual Integrations
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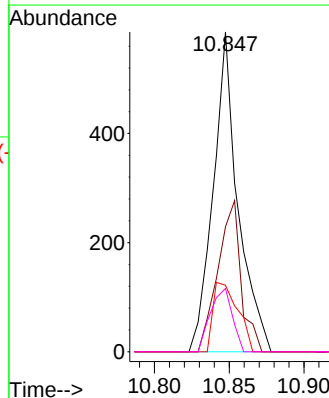
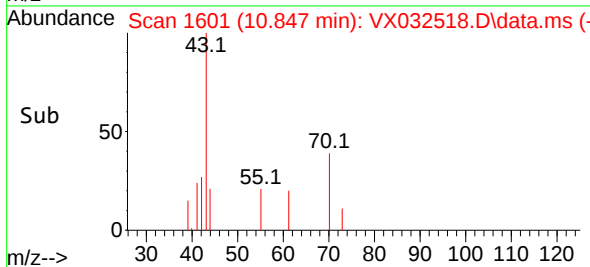
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022

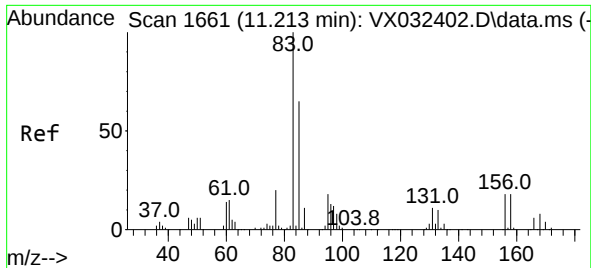


#74
N-ethyl acetate
Concen: 0.322 ug/l
RT: 10.847 min Scan# 1601
Delta R.T. 0.006 min
Lab File: VX032518.D
Acq: 01 Nov 2022 17:08



Tgt Ion: 43 Resp: 672
Ion Ratio Lower Upper
43 100
70 44.3 33.6 50.4
55 21.6 19.4 29.2
61 0.0 18.8 28.2#





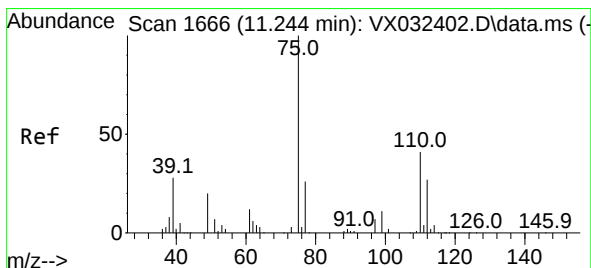
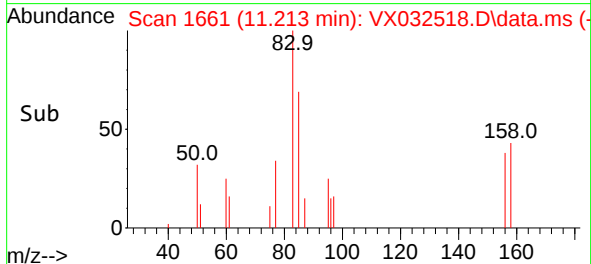
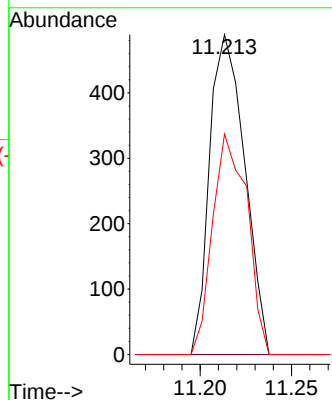
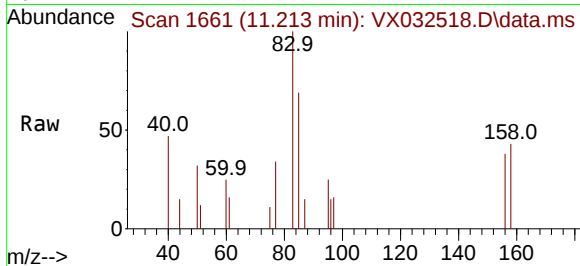
#75
1,1,2,2-Tetrachloroethane
Concen: 0.369 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX032518.D
Acq: 01 Nov 2022 17:08

Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

Tgt Ion: 83 Resp: 654
Ion Ratio Lower Upper
83 100
131 0.0 5.4 16.2
85 67.7 31.9 95.9

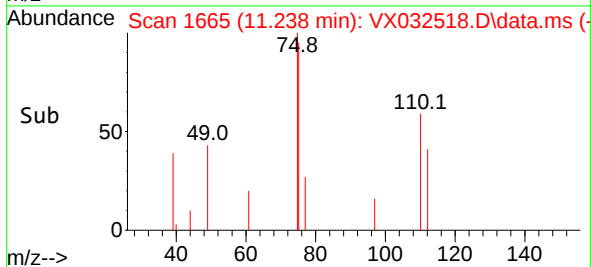
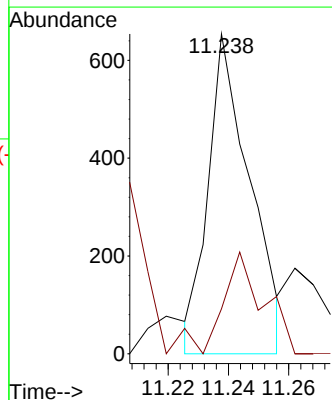
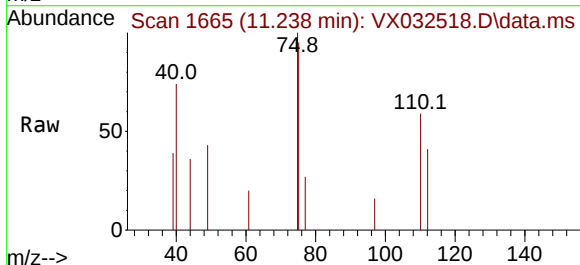
Manual Integrations
APPROVED

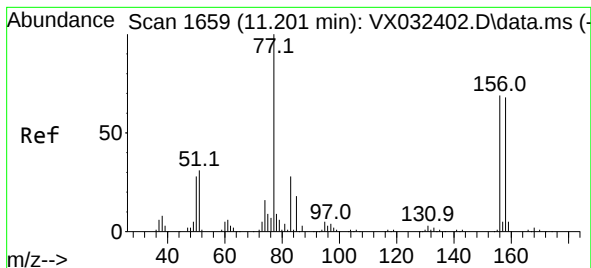
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#76
1,2,3-Trichloropropane
Concen: 0.407 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.006 min
Lab File: VX032518.D
Acq: 01 Nov 2022 17:08

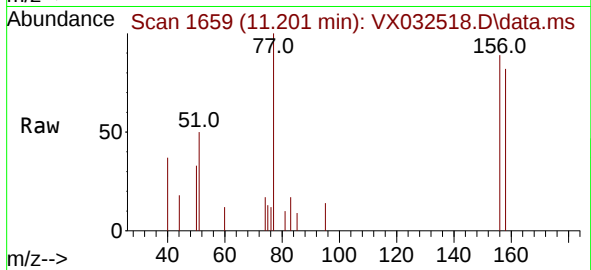
Tgt Ion: 75 Resp: 630
Ion Ratio Lower Upper
75 100
77 58.9 20.0 60.0





#77
Bromobenzene
Concen: 0.401 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. -0.000 min
Lab File: VX032518.D
Acq: 01 Nov 2022 17:08

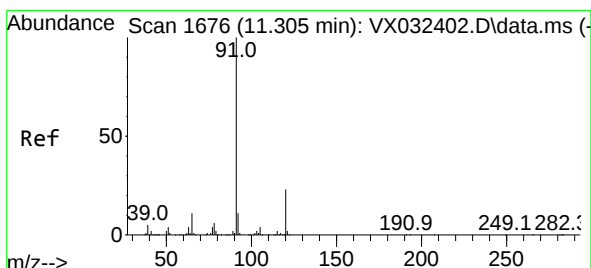
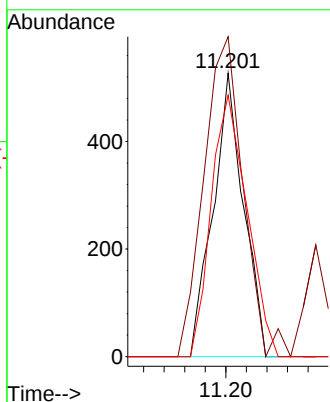
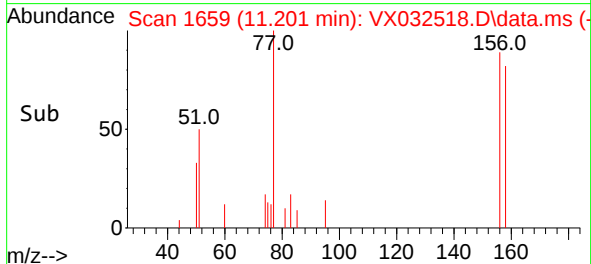
Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



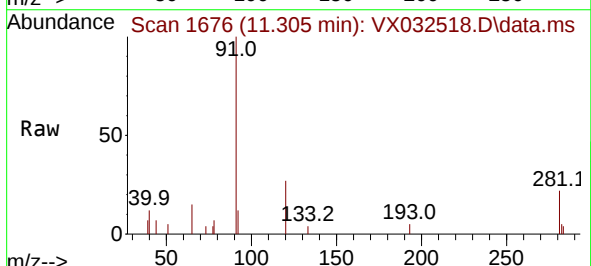
Tgt Ion:156 Resp: 542
Ion Ratio Lower Upper
156 100
77 145.0 76.1 228.4
158 108.7 48.8 146.3

Manual Integrations
APPROVED

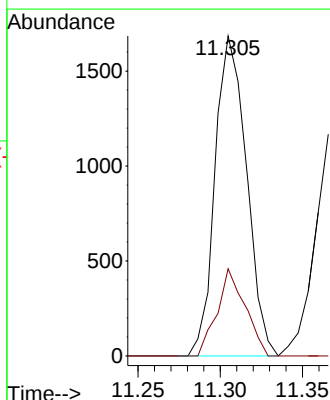
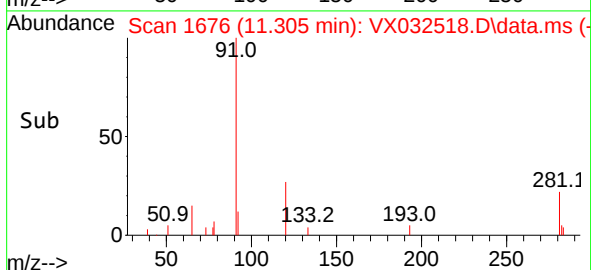
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022

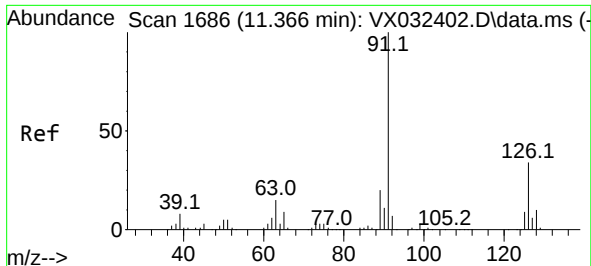


#78
n-propylbenzene
Concen: 0.353 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX032518.D
Acq: 01 Nov 2022 17:08



Tgt Ion: 91 Resp: 2242
Ion Ratio Lower Upper
91 100
120 24.3 11.6 34.8





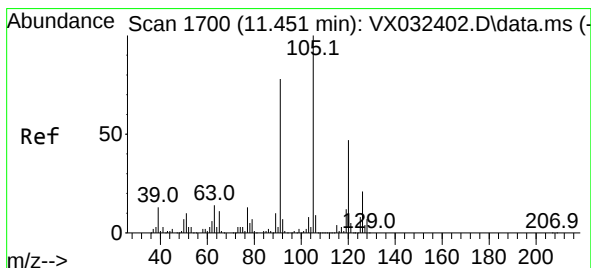
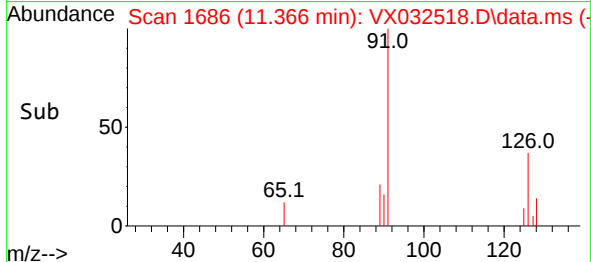
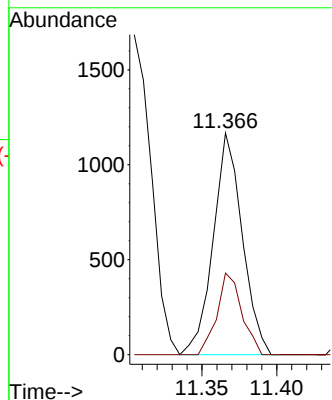
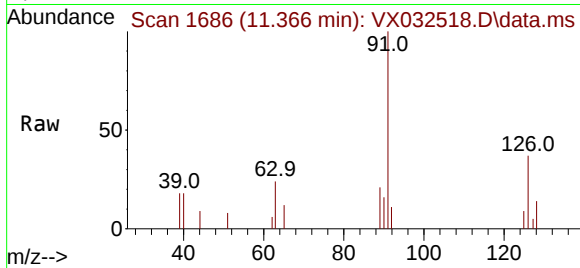
#79
2-Chlorotoluene
Concen: 0.414 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX032518.D
Acq: 01 Nov 2022 17:08

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT4-2022

Tgt Ion: 91 Resp: 1570
Ion Ratio Lower Upper
91 100
126 31.3 17.1 51.2

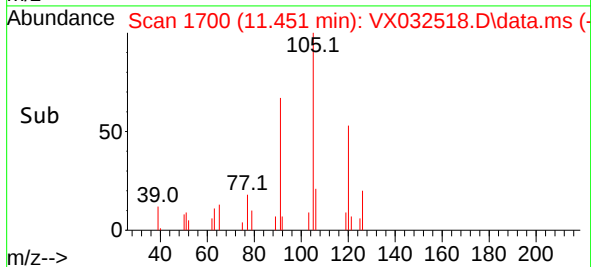
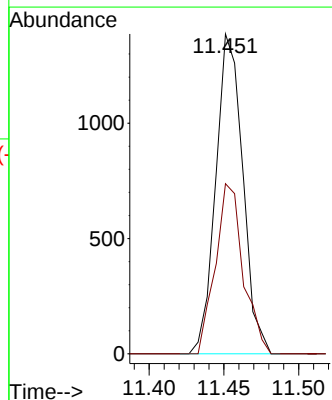
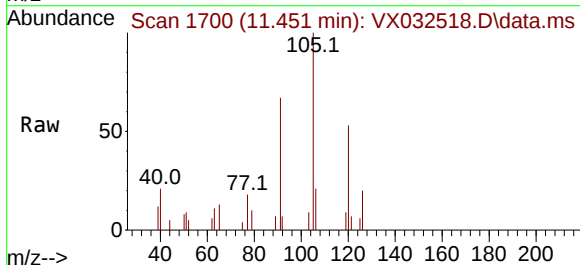
Manual Integrations
APPROVED

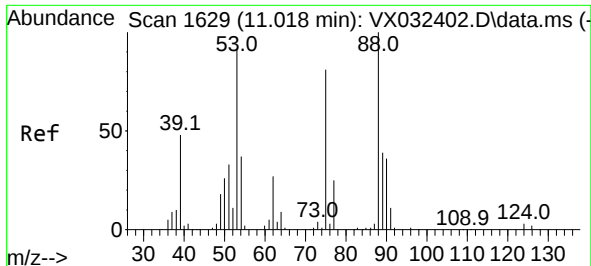
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#80
1,3,5-Trimethylbenzene
Concen: 0.369 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX032518.D
Acq: 01 Nov 2022 17:08

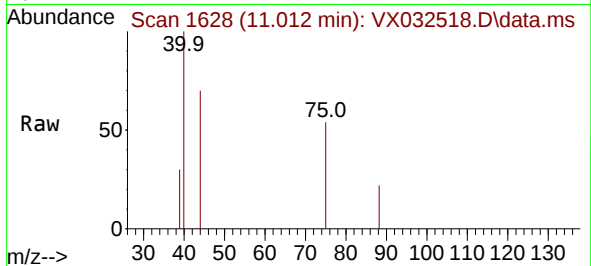
Tgt Ion:105 Resp: 1740
Ion Ratio Lower Upper
105 100
120 54.8 23.6 71.0





#81
trans-1,4-Dichloro-2-butene
Concen: 0.302 ug/l m
RT: 11.012 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX032518.D
Acq: 01 Nov 2022 17:08

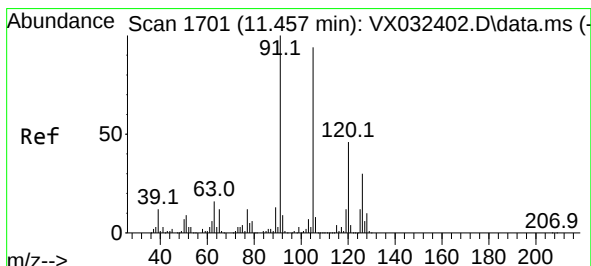
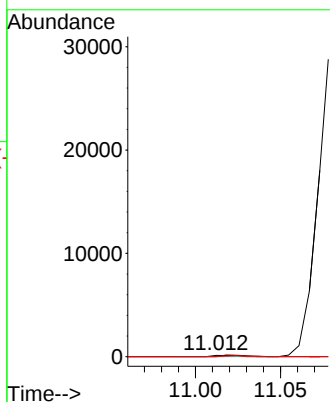
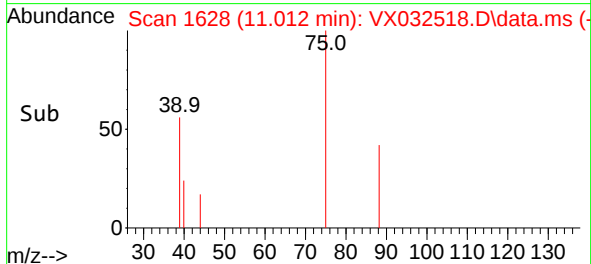
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



Tgt Ion: 75 Resp: 14
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3
89 0.0 38.3 57.5

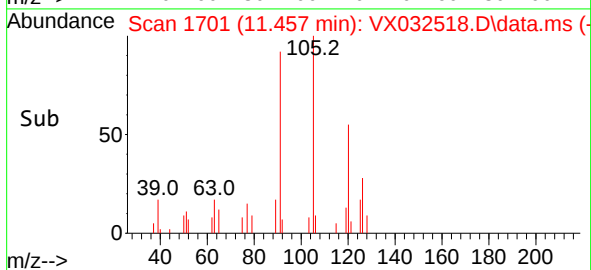
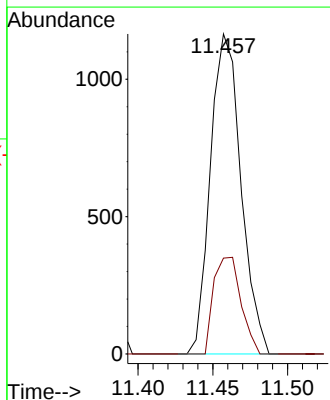
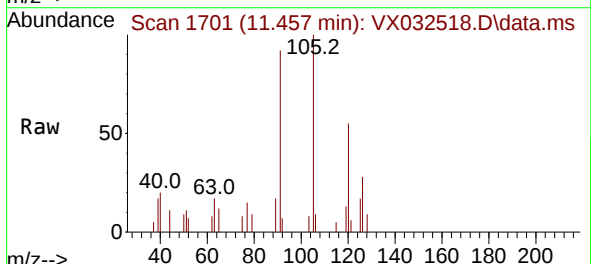
Manual Integrations
APPROVED

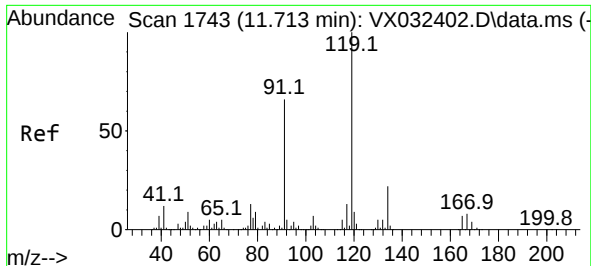
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#82
4-Chlorotoluene
Concen: 0.372 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX032518.D
Acq: 01 Nov 2022 17:08

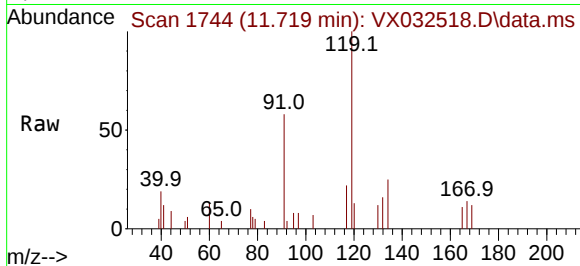
Tgt Ion: 91 Resp: 1656
Ion Ratio Lower Upper
91 100
126 26.9 14.8 44.4





#83
tert-Butylbenzene
Concen: 0.403 ug/l
RT: 11.719 min Scan# 1744
Delta R.T. 0.006 min
Lab File: VX032518.D
Acq: 01 Nov 2022 17:08

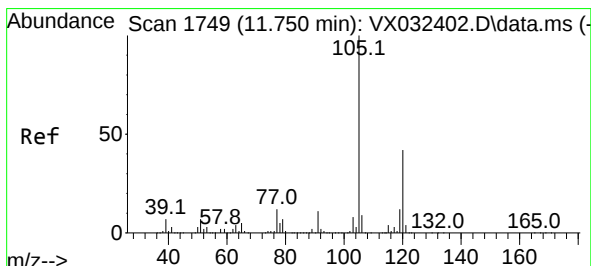
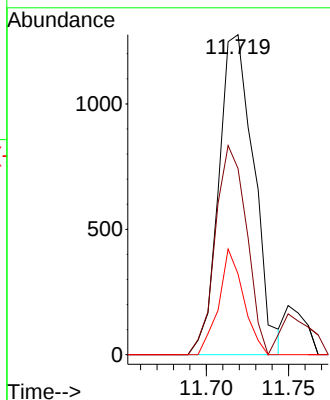
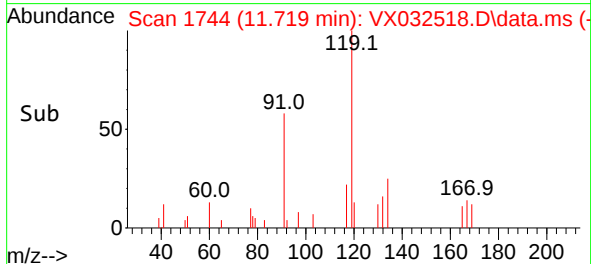
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT4-2022



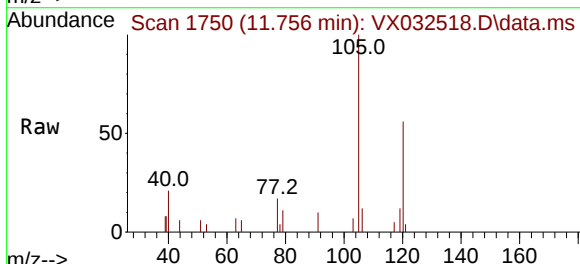
Tgt Ion:119 Resp: 1890
Ion Ratio Lower Upper
119 100
91 58.0 29.4 88.2
134 23.4 11.0 33.0

Manual Integrations
APPROVED

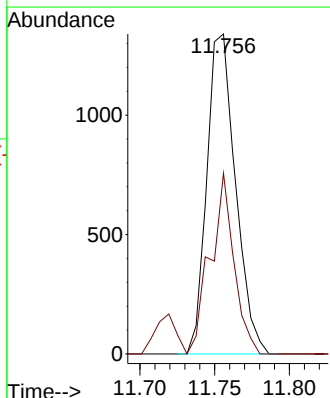
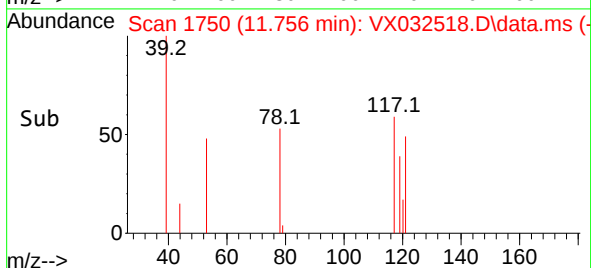
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022

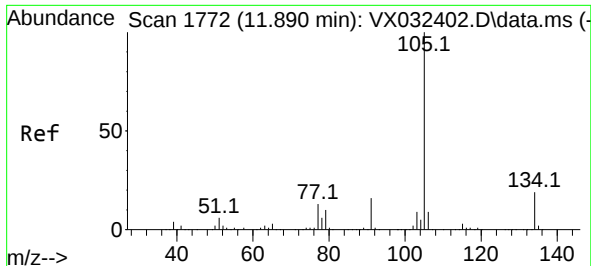


#84
1,2,4-Trimethylbenzene
Concen: 0.381 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX032518.D
Acq: 01 Nov 2022 17:08



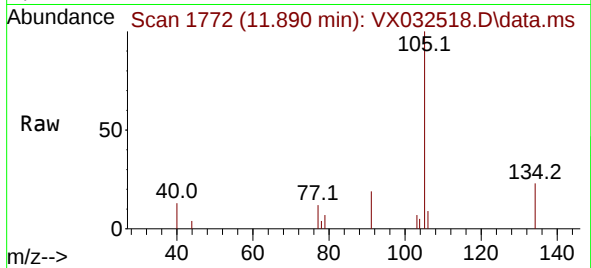
Tgt Ion:105 Resp: 1787
Ion Ratio Lower Upper
105 100
120 46.7 21.9 65.5





#85
 sec-Butylbenzene
 Concen: 0.383 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX032518.D
 Acq: 01 Nov 2022 17:08

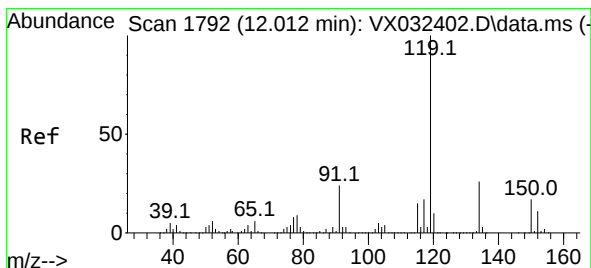
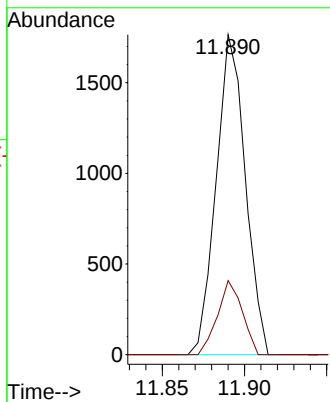
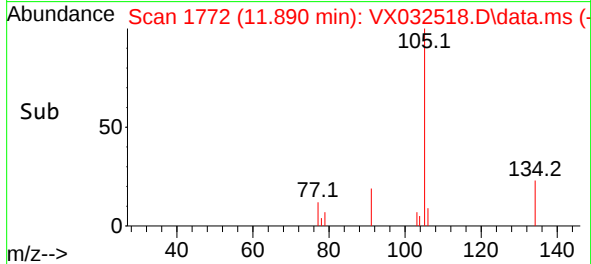
Instrument : MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2022



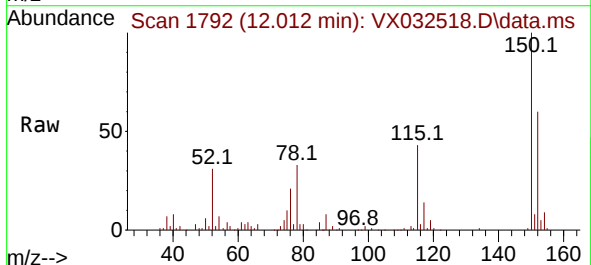
Tgt Ion:105 Resp: 217
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.9 29.7

Manual Integrations
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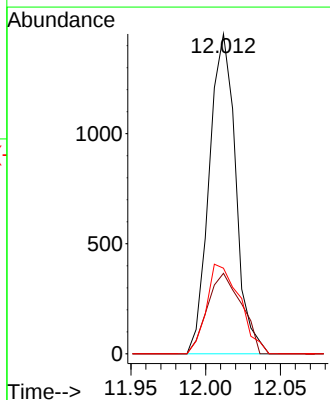
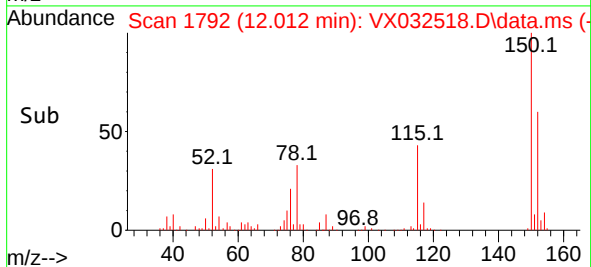
Reviewed By :John Carlone 11/02/2022
 Supervised By :Mahesh Dadoda 11/02/2022

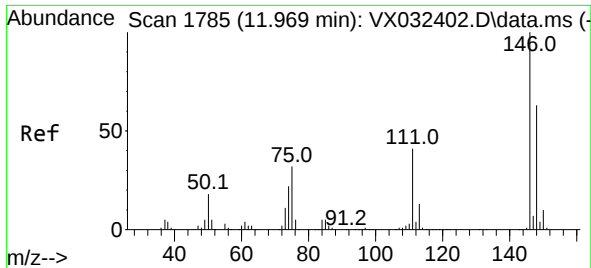


#86
 p-Isopropyltoluene
 Concen: 0.371 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX032518.D
 Acq: 01 Nov 2022 17:08



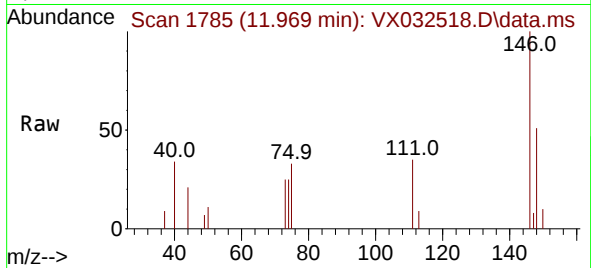
Tgt Ion:119 Resp: 1785
 Ion Ratio Lower Upper
 119 100
 134 32.6 12.9 38.7
 91 35.3 12.5 37.5





#87
1,3-Dichlorobenzene
Concen: 0.375 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX032518.D
Acq: 01 Nov 2022 17:08

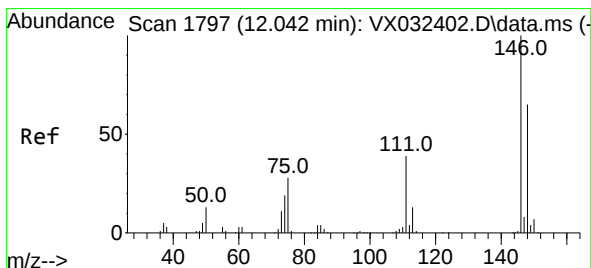
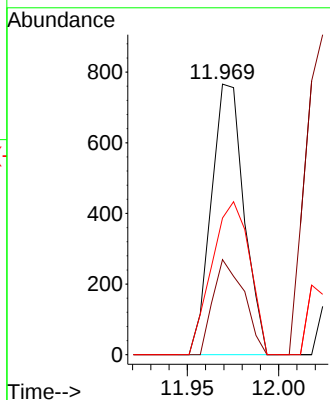
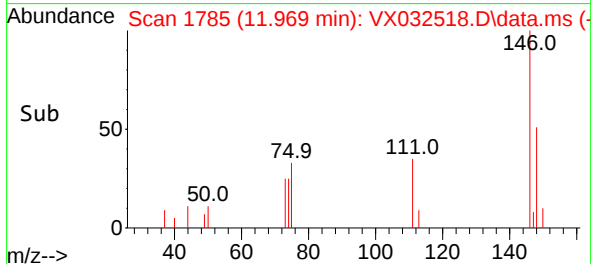
Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



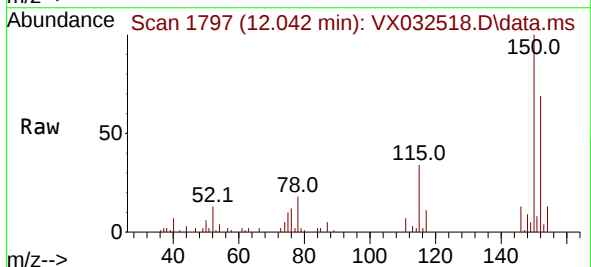
Tgt Ion:146 Resp: 958
Ion Ratio Lower Upper
146 100
111 33.2 20.6 61.8
148 65.4 31.7 95.1

Manual Integrations
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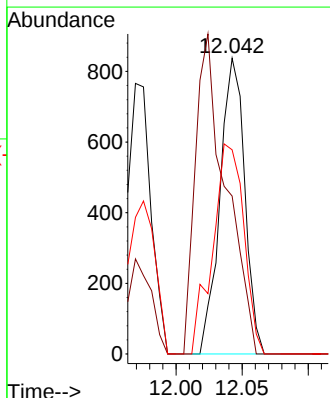
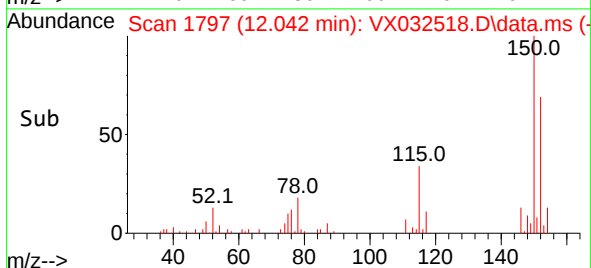
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022

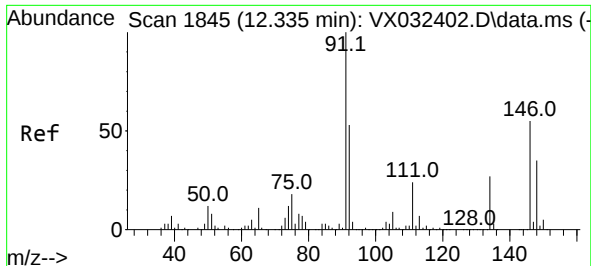


#88
1,4-Dichlorobenzene
Concen: 0.412 ug/l m
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX032518.D
Acq: 01 Nov 2022 17:08



Tgt Ion:146 Resp: 1092
Ion Ratio Lower Upper
146 100
111 29.1 20.5 61.6
148 57.4 32.2 96.6





#89

n-Butylbenzene

Concen: 0.358 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX032518.D

Acq: 01 Nov 2022 17:08

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022

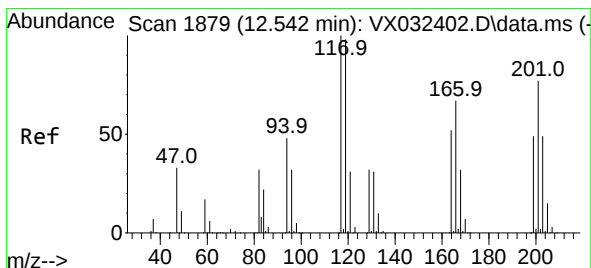
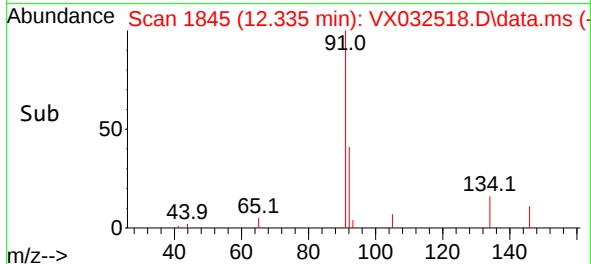
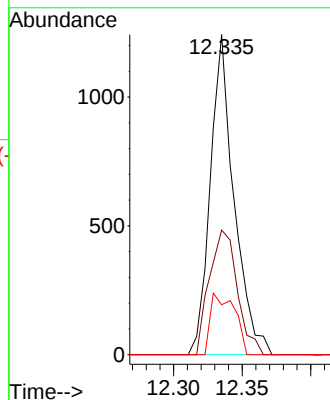
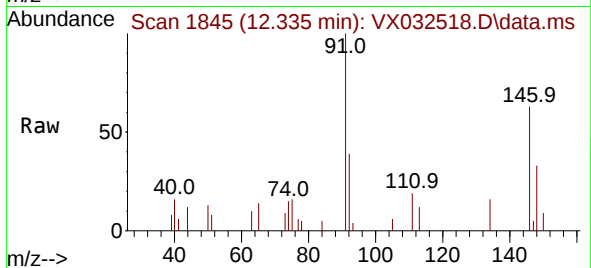
Tgt Ion: 91	Resp: 1490
Ion Ratio	Lower Upper
91	100
92	45.9 26.2 78.6
134	19.4 12.9 38.6

Manual Integrations

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Reviewed By :John Carlone 11/02/2022

Supervised By :Mahesh Dadoda 11/02/2022



#90

Hexachloroethane

Concen: 0.222 ug/l

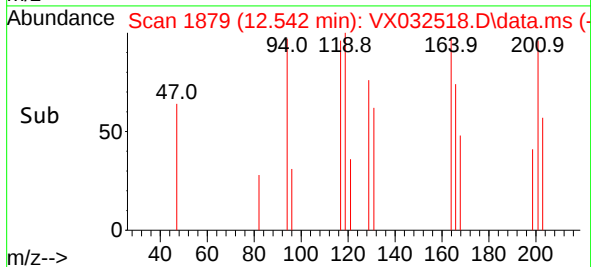
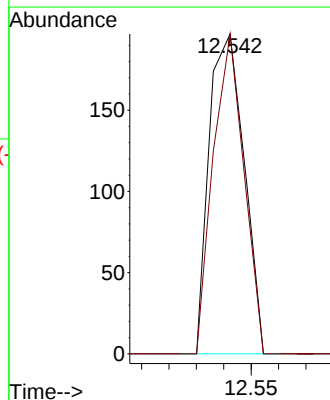
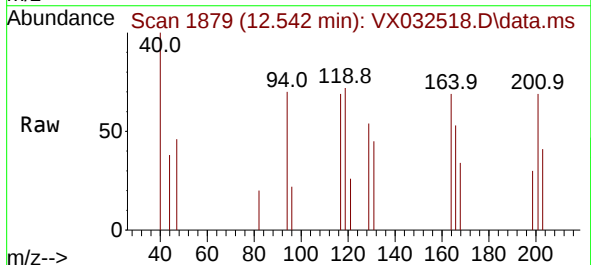
RT: 12.542 min Scan# 1879

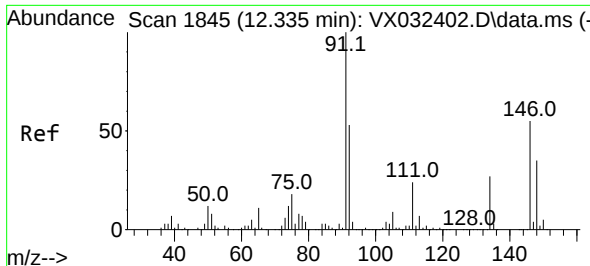
Delta R.T. -0.000 min

Lab File: VX032518.D

Acq: 01 Nov 2022 17:08

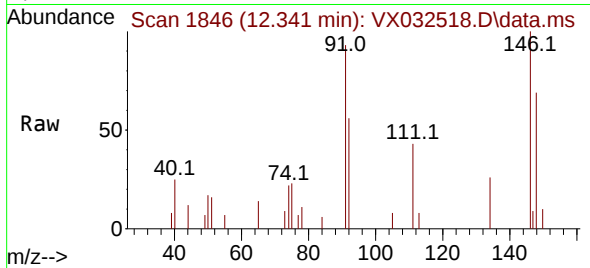
Tgt Ion: 117	Resp: 174
Ion Ratio	Lower Upper
117	100
201	87.9 37.6 112.9





#91
1,2-Dichlorobenzene
Concen: 0.417 ug/l
RT: 12.341 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX032518.D
Acq: 01 Nov 2022 17:08

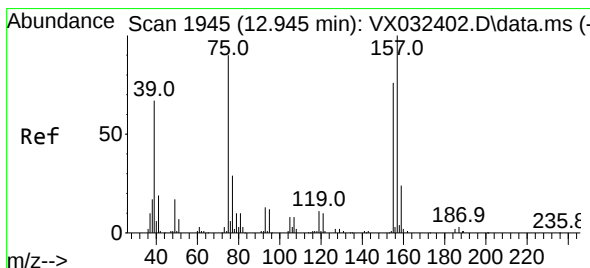
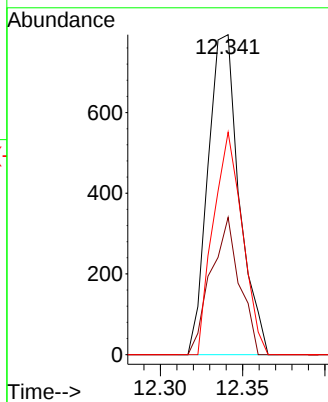
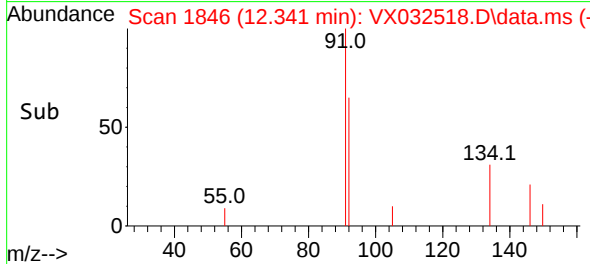
Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



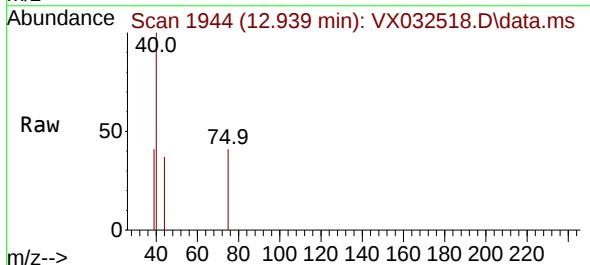
Tgt Ion:146 Resp: 1049
Ion Ratio Lower Upper
146 100
111 39.5 21.5 64.5
148 64.7 32.0 96.2

Manual Integrations
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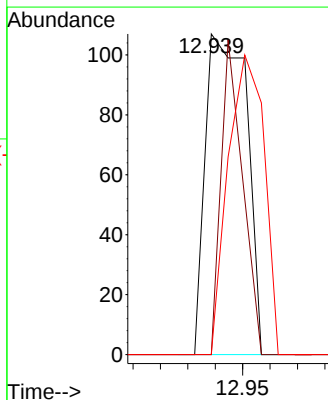
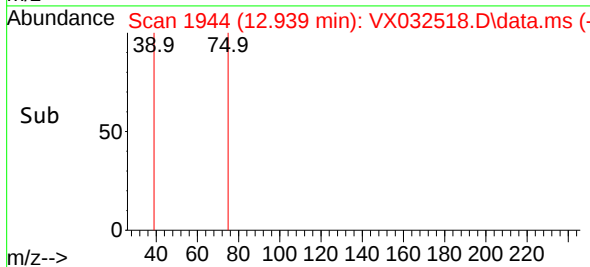
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022

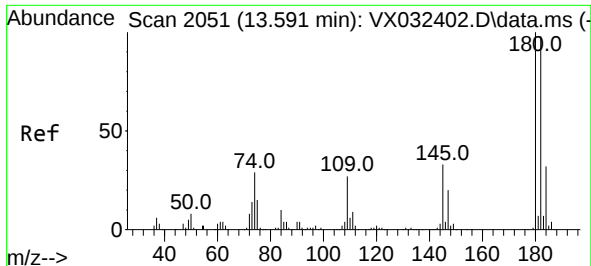


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.288 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX032518.D
Acq: 01 Nov 2022 17:08



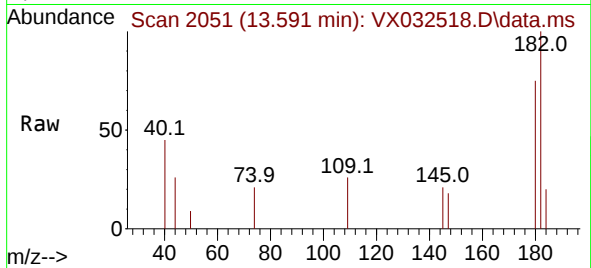
Tgt Ion: 75 Resp: 112
Ion Ratio Lower Upper
75 100
155 50.9 41.6 124.8
157 81.3 54.1 162.4





#93
1,2,4-Trichlorobenzene
Concen: 0.336 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX032518.D
Acq: 01 Nov 2022 17:08

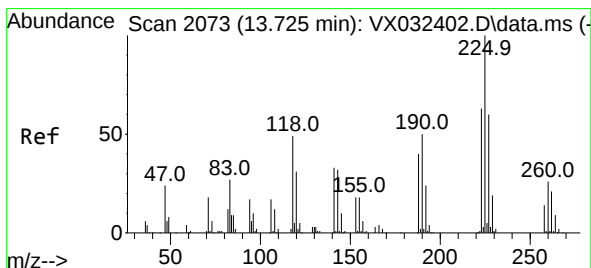
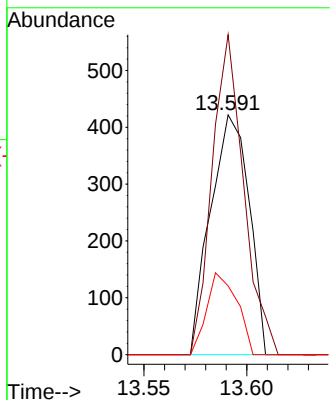
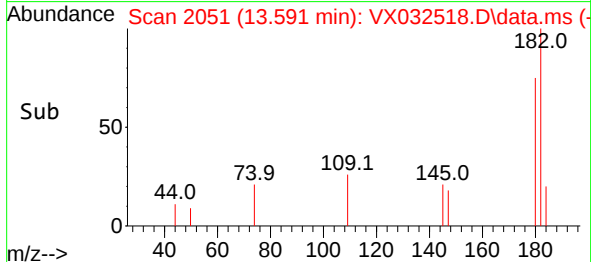
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT4-2022



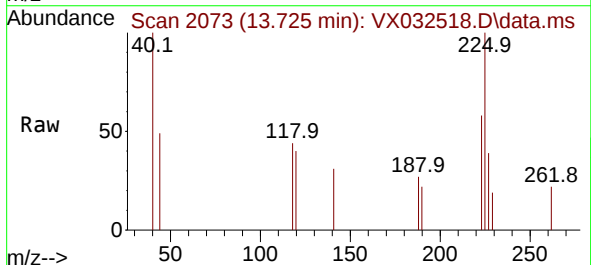
Tgt Ion:180 Resp: 552
Ion Ratio Lower Upper
180 100
182 109.1 48.4 145.0
145 26.6 16.2 48.5

Manual Integrations
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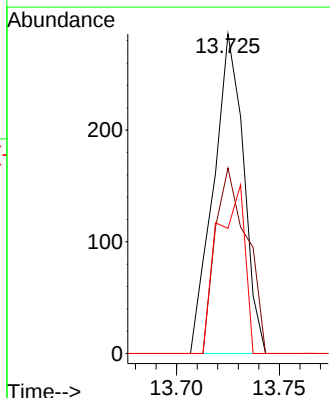
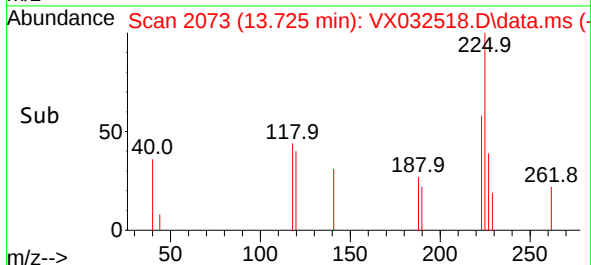
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022

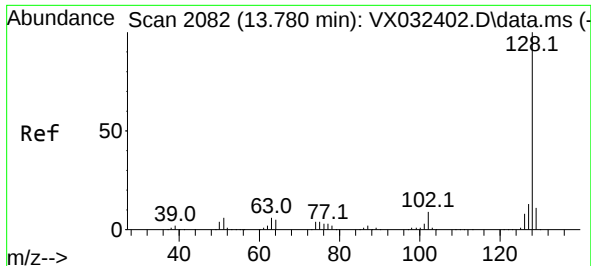


#94
Hexachlorobutadiene
Concen: 0.425 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX032518.D
Acq: 01 Nov 2022 17:08



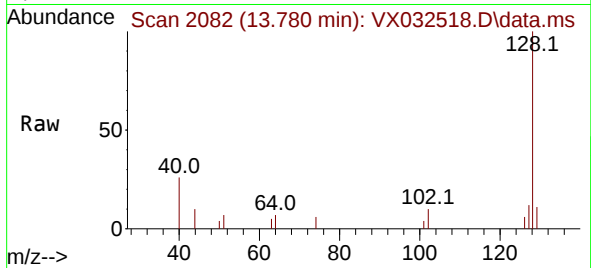
Tgt Ion:225 Resp: 291
Ion Ratio Lower Upper
225 100
223 61.2 31.9 95.9
227 47.8 31.9 95.5





#95
Naphthalene
Concen: 0.339 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX032518.D
Acq: 01 Nov 2022 17:08

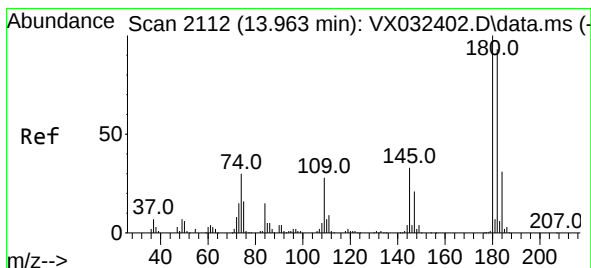
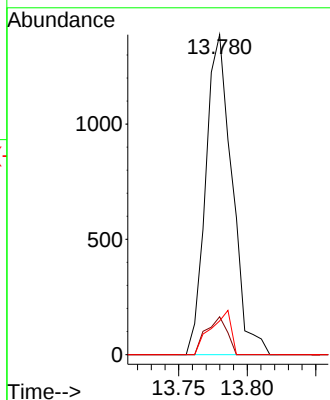
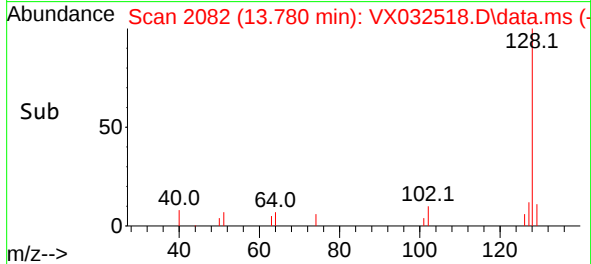
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT4-2022



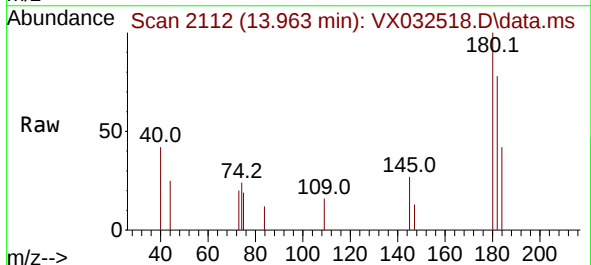
Tgt Ion:128 Resp: 1850
Ion Ratio Lower Upper
128 100
127 9.4 10.2 15.4
129 10.7 8.9 13.3

Manual Integrations
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Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#96
1,2,3-Trichlorobenzene
Concen: 0.412 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX032518.D
Acq: 01 Nov 2022 17:08



Tgt Ion:180 Resp: 687
Ion Ratio Lower Upper
180 100
182 83.8 47.5 142.6
145 27.1 16.9 50.6

