

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110222\
 Data File : VX032544.D
 Acq On : 02 Nov 2022 17:36
 Operator : JC/MD
 Sample : N4955-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT4-2022

Quant Time: Nov 03 03:17:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/03/2022
 Supervised By : Mahesh Dadoda 11/03/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	101331	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	163155	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	143102	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	69629	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	71783	50.983	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.960%			
35) Dibromofluoromethane	5.385	113	58252	50.053	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.100%			
50) Toluene-d8	8.647	98	196567	48.573	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.140%			
62) 4-Bromofluorobenzene	11.079	95	71795	45.418	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 90.840%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	2368	2.026	ug/l	89
3) Chloromethane	1.294	50	2335	2.362	ug/l	96
4) Vinyl Chloride	1.374	62	2563	2.356	ug/l	98
5) Bromomethane	1.605	94	2448	2.816	ug/l	95
6) Chloroethane	1.685	64	1619	2.219	ug/l	95
7) Trichlorofluoromethane	1.886	101	4958	2.406	ug/l	100
8) Diethyl Ether	2.130	74	1722	2.578	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.325	101	2749	2.527	ug/l	98
10) Methyl Iodide	2.453	142	2338	3.775	ug/l	98
11) Tert butyl alcohol	2.959	59	3215	15.688	ug/l	98
12) 1,1-Dichloroethene	2.319	96	2387	2.349	ug/l	95
13) Acrolein	2.239	56	2330	11.389	ug/l	97
14) Allyl chloride	2.660	41	3840	2.370	ug/l	99
15) Acrylonitrile	3.068	53	7259	13.052	ug/l	99
16) Acetone	2.379	43	7027	13.732	ug/l	96
17) Carbon Disulfide	2.508	76	4672	1.930	ug/l #	94
18) Methyl Acetate	2.703	43	4192	2.519	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	9081	2.542	ug/l	100
20) Methylene Chloride	2.788	84	3581	3.052	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	2619	2.368	ug/l	93
22) Diisopropyl ether	3.763	45	8814	2.515	ug/l	92
23) Vinyl Acetate	3.721	43	32784	11.581	ug/l	97
24) 1,1-Dichloroethane	3.611	63	4977	2.469	ug/l	94
25) 2-Butanone	4.568	43	10309	13.003	ug/l	90
26) 2,2-Dichloropropane	4.477	77	3725	2.325	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	3200	2.503	ug/l	98
28) Bromochloromethane	4.903	49	2155	3.002	ug/l #	100
29) Tetrahydrofuran	5.019	42	6171	12.207	ug/l	99
30) Chloroform	5.092	83	5649	2.554	ug/l	98
31) Cyclohexane	5.476	56	3906	2.288	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	5163	2.602	ug/l	98
36) 1,1-Dichloropropene	5.696	75	4034	2.489	ug/l	97
37) Ethyl Acetate	4.727	43	3975	2.356	ug/l #	92
38) Carbon Tetrachloride	5.684	117	4472	2.488	ug/l	88
39) Methylcyclohexane	7.385	83	4443	2.317	ug/l	95
40) Benzene	6.043	78	11521	2.512	ug/l	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	2063	2.401	ug/l #	89
42) 1,2-Dichloroethane	6.092	62	4847	2.585	ug/l	88
43) Isopropyl Acetate	6.342	43	6186	2.388	ug/l #	89
44) Trichloroethene	7.135	130	3144	2.435	ug/l	93
45) 1,2-Dichloropropane	7.433	63	2805	2.383	ug/l	96
46) Dibromomethane	7.586	93	2144	2.375	ug/l	97
47) Bromodichloromethane	7.824	83	4225	2.469	ug/l	97
48) Methyl methacrylate	7.702	41	2941	2.199	ug/l	91
49) 1,4-Dioxane	7.677	88	1272	49.895	ug/l	98
51) 4-Methyl-2-Pentanone	8.573	43	19469	11.933	ug/l	99
52) Toluene	8.720	92	7278	2.432	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	3608	2.067	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	3916	2.097	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	3060	2.428	ug/l	94
56) Ethyl methacrylate	9.122	69	4061	2.239	ug/l	96
57) 1,3-Dichloropropane	9.311	76	5050	2.482	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.244	63	10312	11.810	ug/l	98
59) 2-Hexanone	9.433	43	14461	11.946	ug/l	95
60) Dibromochloromethane	9.518	129	3042	2.210	ug/l	94
61) 1,2-Dibromoethane	9.610	107	3070	2.299	ug/l	99
64) Tetrachloroethene	9.275	164	2723	2.600	ug/l	95
65) Chlorobenzene	10.079	112	8244	2.572	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.165	131	2857	2.368	ug/l	91
67) Ethyl Benzene	10.195	91	14163	2.471	ug/l	99
68) m/p-Xylenes	10.305	106	10804	4.854	ug/l	98
69) o-Xylene	10.646	106	5274	2.437	ug/l	99
70) Styrene	10.658	104	8390	2.333	ug/l	96
71) Bromoform	10.799	173	2116	2.218	ug/l #	91
73) Isopropylbenzene	10.963	105	13651	2.474	ug/l	100
74) N-amyl acetate	10.847	43	4513	2.165	ug/l #	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	4843	2.735	ug/l	95
76) 1,2,3-Trichloropropane	11.238	75	4052m	2.616	ug/l	
77) Bromobenzene	11.201	156	3600	2.661	ug/l	98
78) n-propylbenzene	11.305	91	15216	2.394	ug/l	99
79) 2-Chlorotoluene	11.366	91	9904	2.601	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	11405	2.419	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	925m	1.900	ug/l	
82) 4-Chlorotoluene	11.457	91	10838	2.433	ug/l	100
83) tert-Butylbenzene	11.713	119	11756	2.497	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	11129	2.373	ug/l	97
85) sec-Butylbenzene	11.890	105	13297	2.347	ug/l	97
86) p-Isopropyltoluene	12.012	119	11441	2.380	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	6428	2.519	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	6532	2.468	ug/l	87
89) n-Butylbenzene	12.335	91	9160	2.190	ug/l	98
90) Hexachloroethane	12.536	117	1827	2.327	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	6719	2.671	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	852	2.194	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	3494	2.130	ug/l	97
94) Hexachlorobutadiene	13.725	225	1719	2.509	ug/l	96
95) Naphthalene	13.780	128	12543	2.295	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	3846	2.306	ug/l	95

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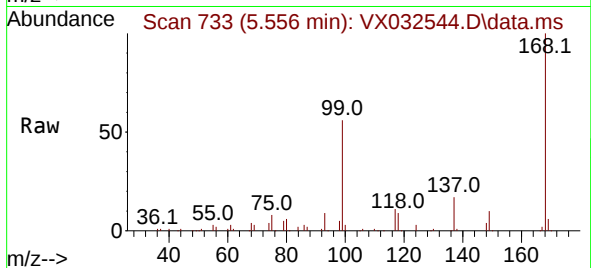
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.000 min
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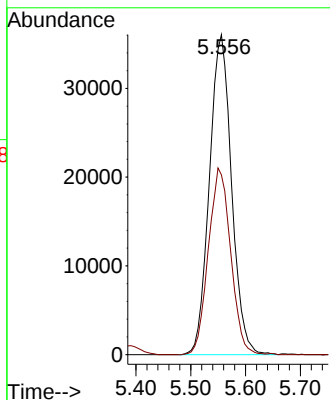
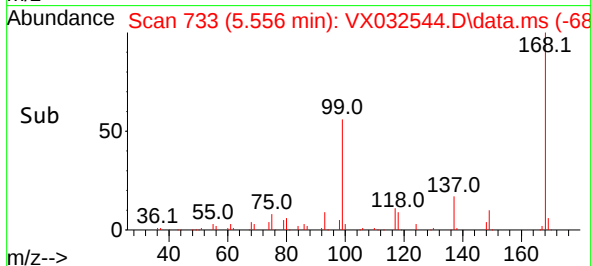
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2022



Tgt Ion:168 Resp: 10133
Ion Ratio Lower Upper
168 100
99 56.2 46.1 69.1

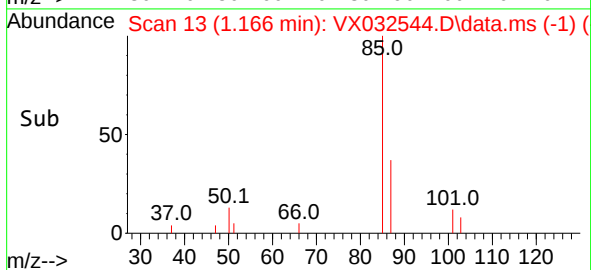
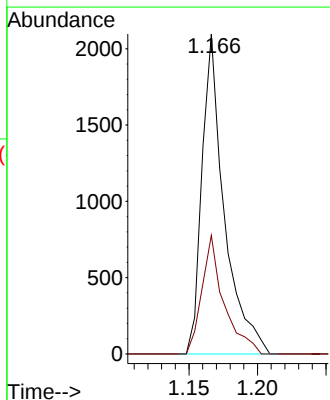
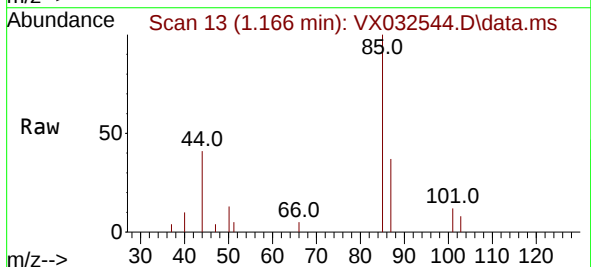
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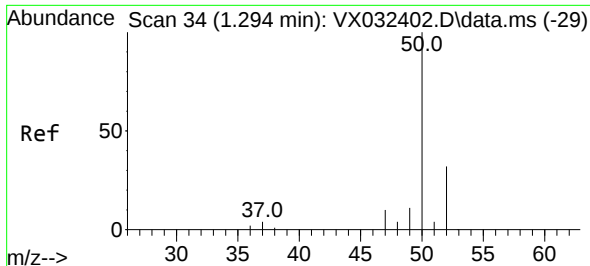
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#2
Dichlorodifluoromethane
Concen: 2.026 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX032544.D
Acq: 02 Nov 2022 17:36

Tgt Ion: 85 Resp: 2368
Ion Ratio Lower Upper
85 100
87 37.1 15.6 46.7





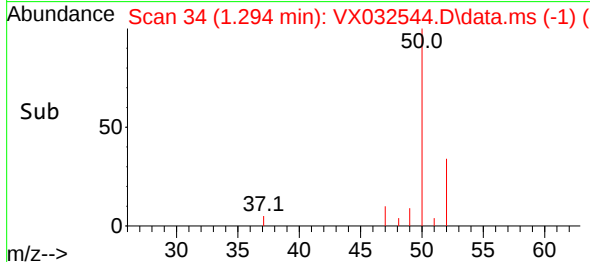
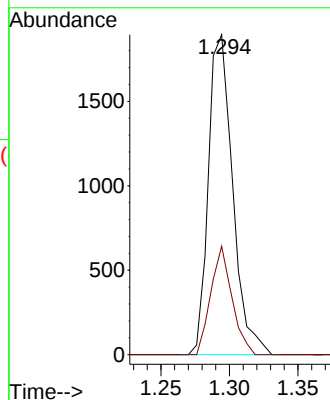
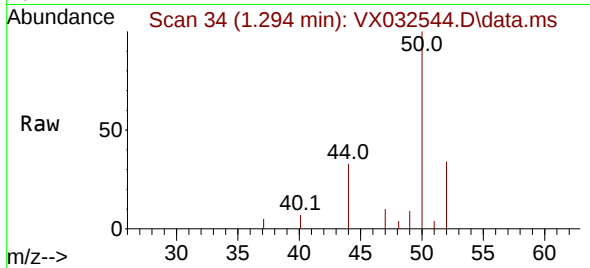
#3
Chloromethane
Concen: 2.362 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX032544.D
Acq: 02 Nov 2022 17:36

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2022

Tgt Ion: 50 Resp: 233
Ion Ratio Lower Upper
50 100
52 33.9 25.4 38.2

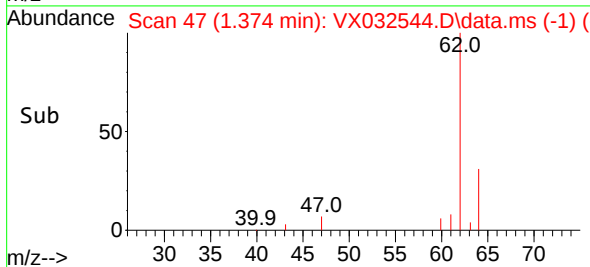
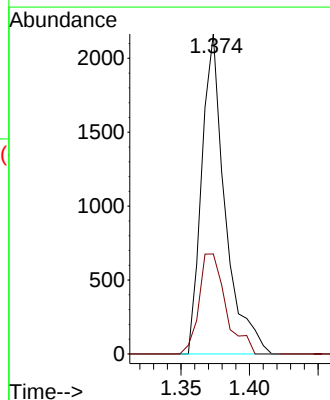
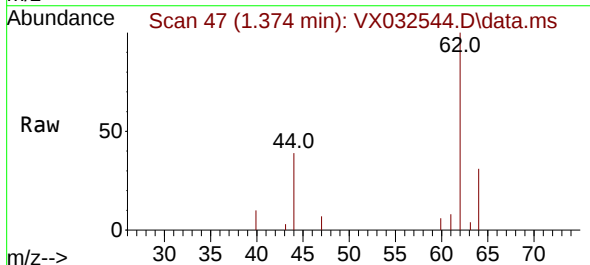
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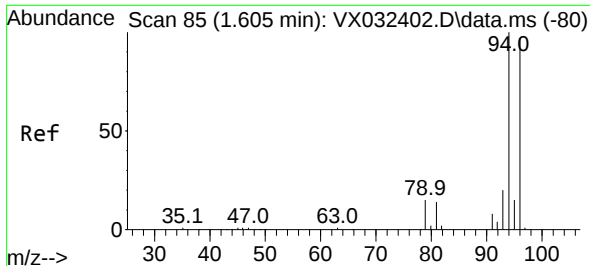
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#4
Vinyl Chloride
Concen: 2.356 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX032544.D
Acq: 02 Nov 2022 17:36

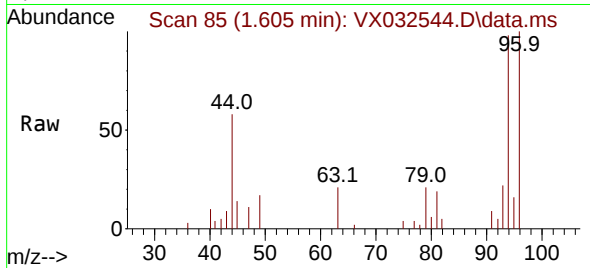
Tgt Ion: 62 Resp: 2563
Ion Ratio Lower Upper
62 100
64 31.3 25.8 38.6





#5
Bromomethane
Concen: 2.816 ug/l
RT: 1.605 min Scan# 85
Delta R.T. -0.000 min
Lab File: VX032544.D
Acq: 02 Nov 2022 17:36

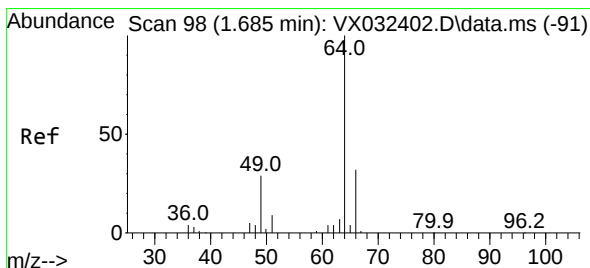
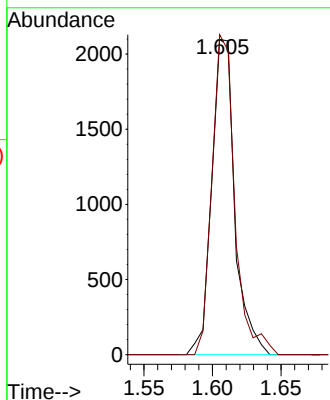
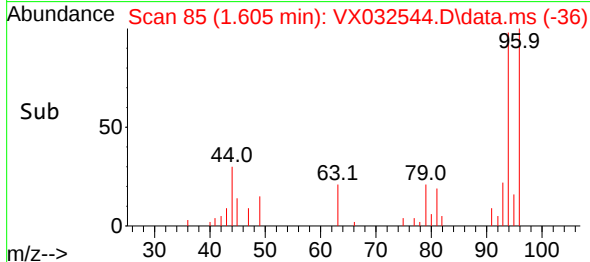
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2022



Tgt Ion: 94 Resp: 2448
Ion Ratio Lower Upper
94 100
96 101.5 77.6 116.4

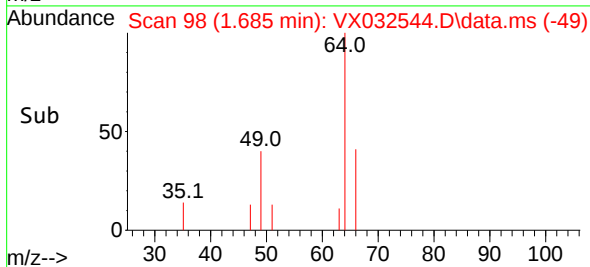
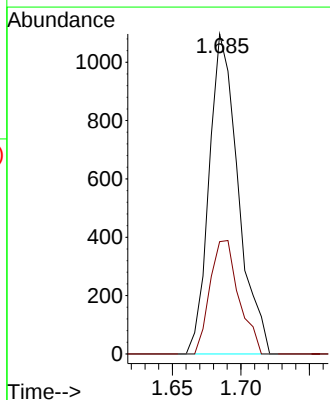
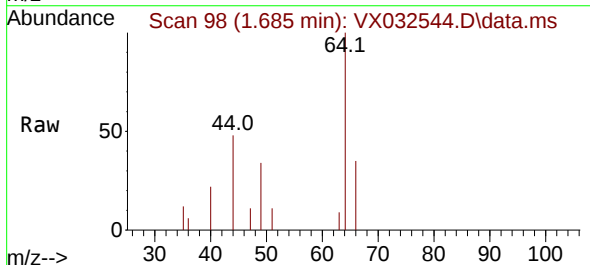
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#6
Chloroethane
Concen: 2.219 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX032544.D
Acq: 02 Nov 2022 17:36

Tgt Ion: 64 Resp: 1619
Ion Ratio Lower Upper
64 100
66 35.1 26.0 39.0





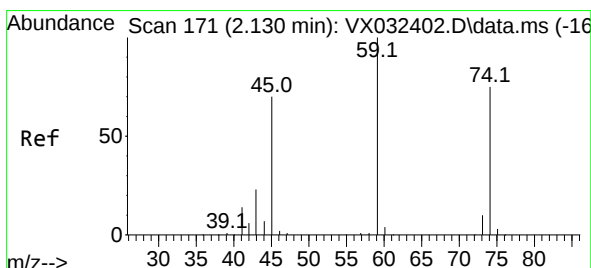
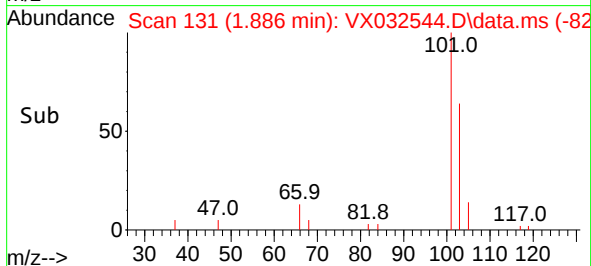
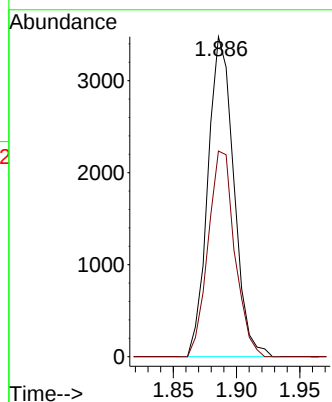
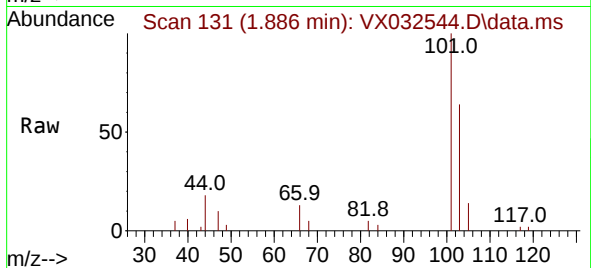
#7
Trichlorofluoromethane
Concen: 2.406 ug/l
RT: 1.886 min Scan# 131
Delta R.T. -0.000 min
Lab File: VX032544.D
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ClientSampleId : MDL-WATER-03-QT4-2022

Tgt Ion:101 Resp: 4958
Ion Ratio Lower Upper
101 100
103 64.3 51.4 77.2

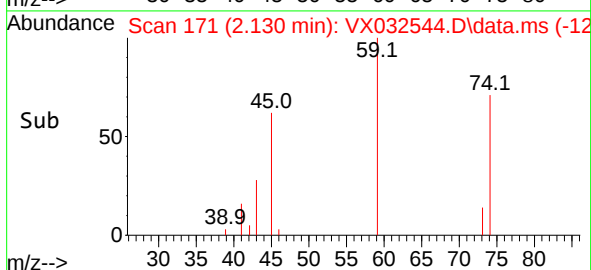
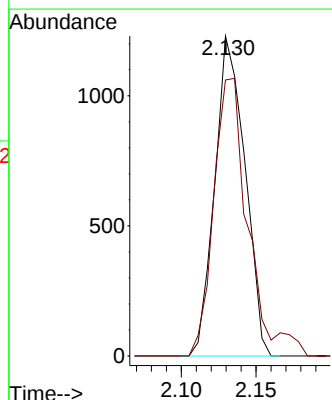
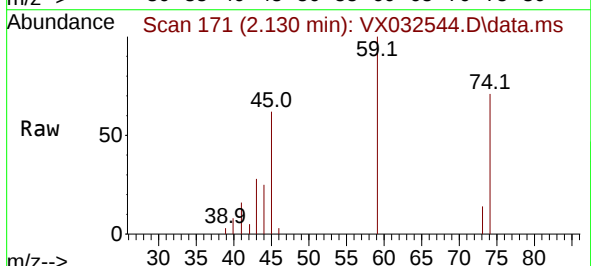
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#8
Diethyl Ether
Concen: 2.578 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX032544.D
Acq: 02 Nov 2022 17:36

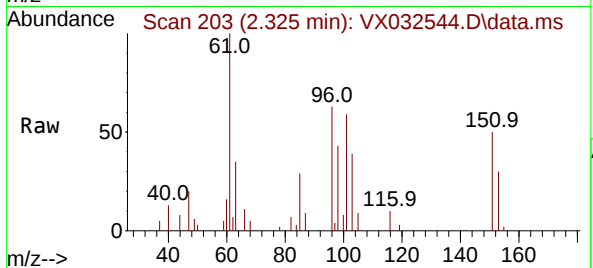
Tgt Ion: 74 Resp: 1722
Ion Ratio Lower Upper
74 100
45 98.6 46.6 139.7





#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.527 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX032544.D
Acq: 02 Nov 2022 17:36

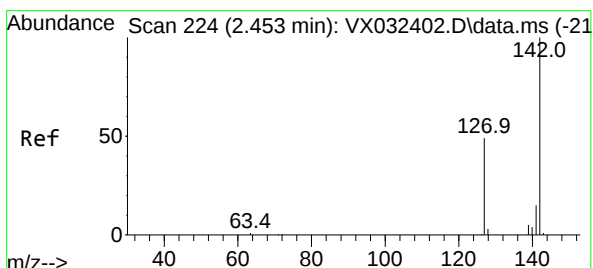
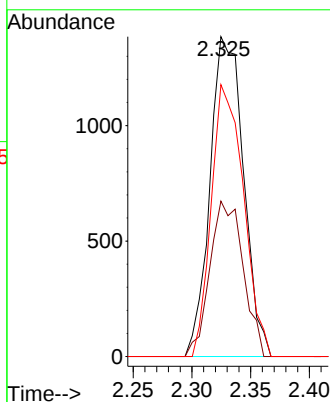
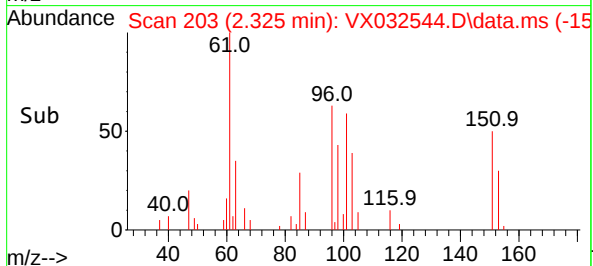
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Tgt Ion:101 Resp: 2749
Ion Ratio Lower Upper
101 100
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151 81.8 64.4 96.6

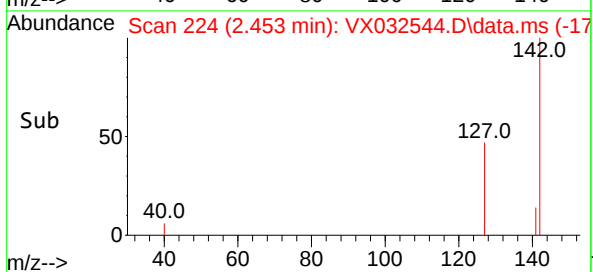
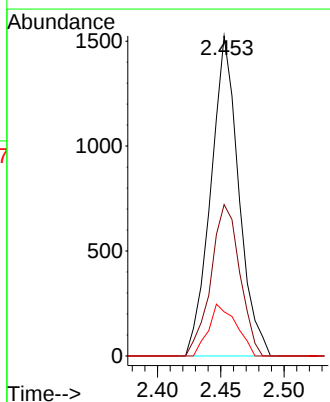
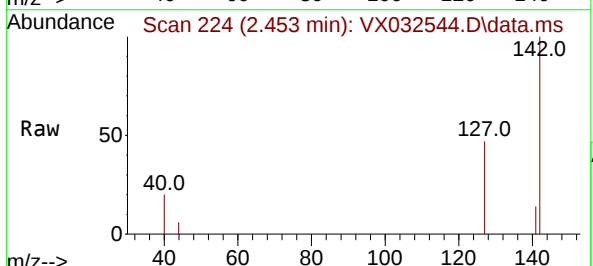
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Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#10
Methyl Iodide
Concen: 3.775 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX032544.D
Acq: 02 Nov 2022 17:36

Tgt Ion:142 Resp: 2338
Ion Ratio Lower Upper
142 100
127 49.1 38.6 57.8
141 16.1 11.4 17.2





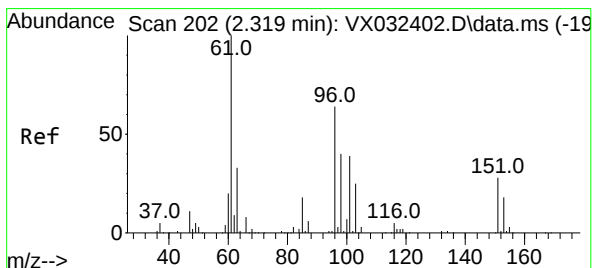
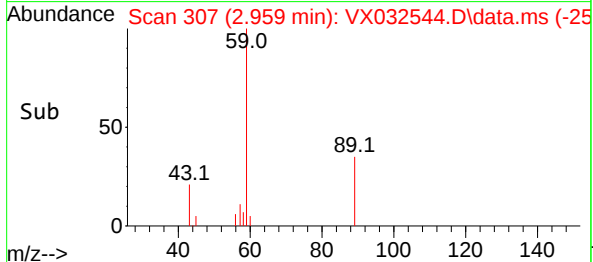
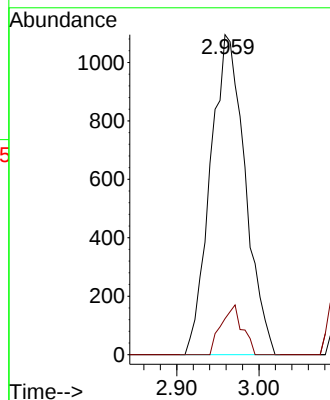
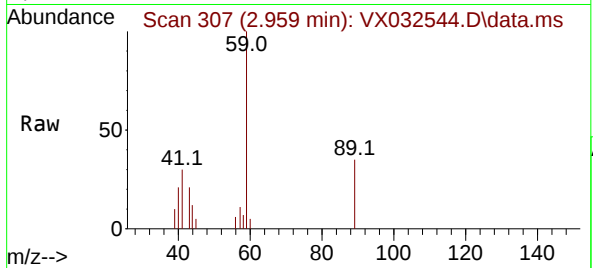
#11
Tert butyl alcohol
Concen: 15.688 ug/l
RT: 2.959 min Scan# 308
Delta R.T. -0.006 min
Lab File: VX032544.D
Acq: 02 Nov 2022 17:36

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2022

Tgt Ion: 59 Resp: 3215
Ion Ratio Lower Upper
59 100
57 9.5 8.2 12.4

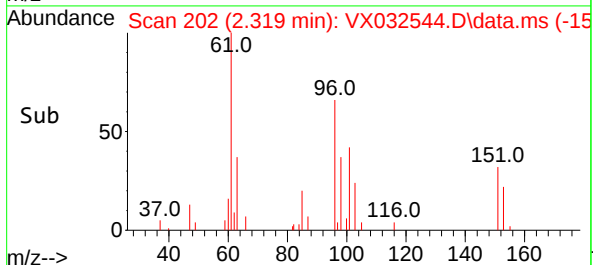
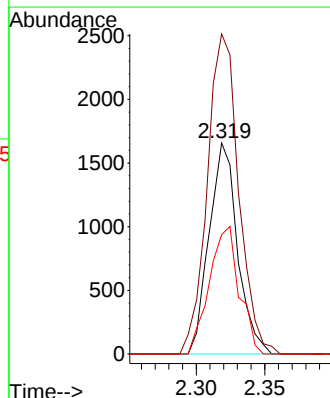
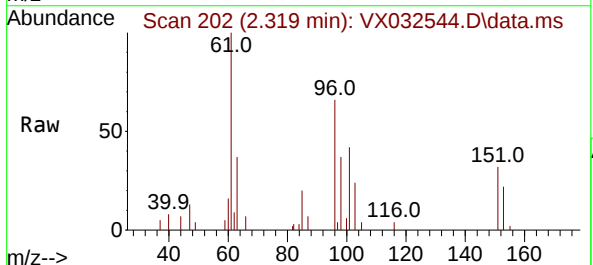
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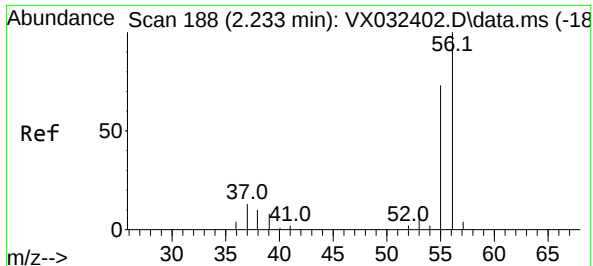
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#12
1,1-Dichloroethene
Concen: 2.349 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX032544.D
Acq: 02 Nov 2022 17:36

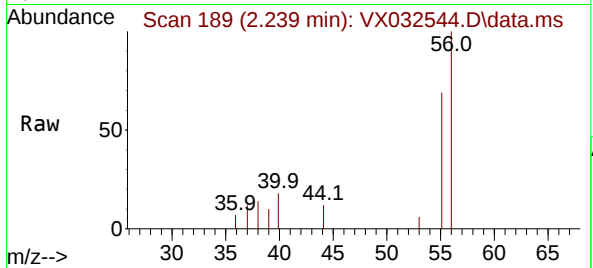
Tgt Ion: 96 Resp: 2387
Ion Ratio Lower Upper
96 100
61 151.6 125.1 187.7
98 56.6 50.6 76.0





#13
Acrolein
Concen: 11.389 ug/l
RT: 2.239 min Scan# 188
Delta R.T. 0.006 min
Lab File: VX032544.D
Acq: 02 Nov 2022 17:36

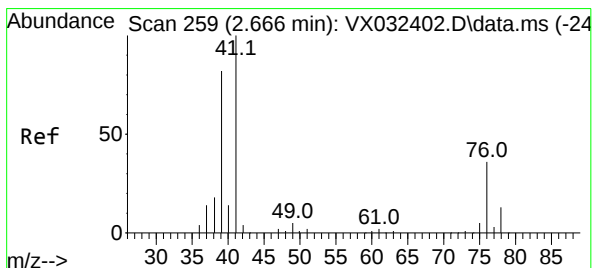
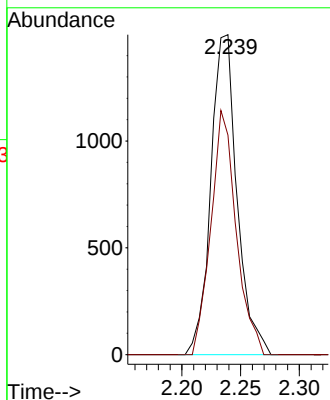
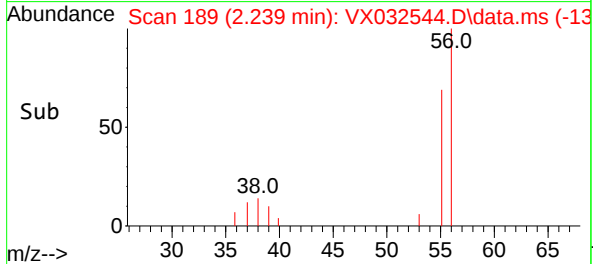
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2022



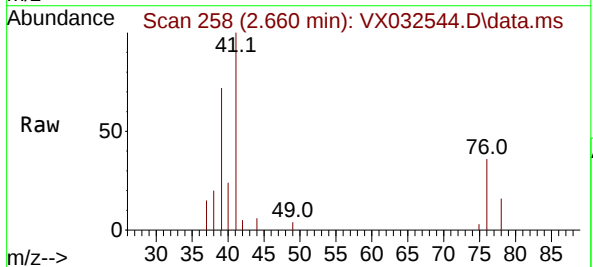
Tgt Ion: 56 Resp: 2330
Ion Ratio Lower Upper
56 100
55 73.5 56.9 85.3

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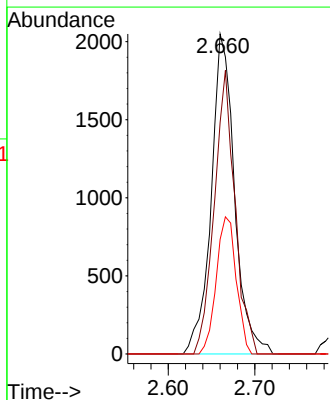
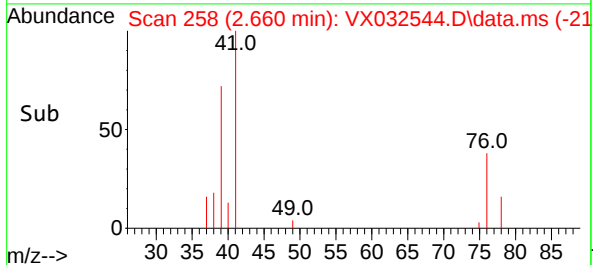
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#14
Allyl chloride
Concen: 2.370 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX032544.D
Acq: 02 Nov 2022 17:36



Tgt Ion: 41 Resp: 3840
Ion Ratio Lower Upper
41 100
39 78.5 61.4 92.2
76 36.7 29.2 43.8





#15

Acrylonitrile

Concen: 13.052 ug/l

RT: 3.068 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX032544.D

Acq: 02 Nov 2022 17:36

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2022

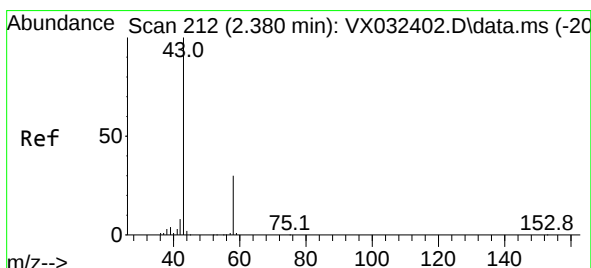
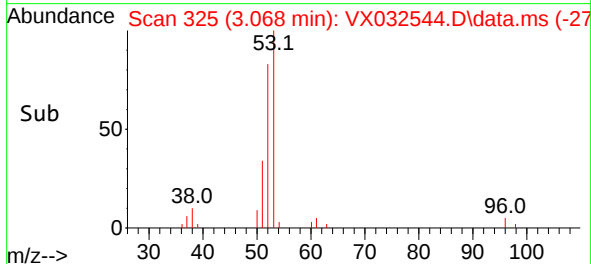
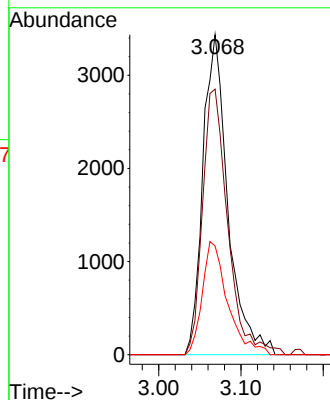
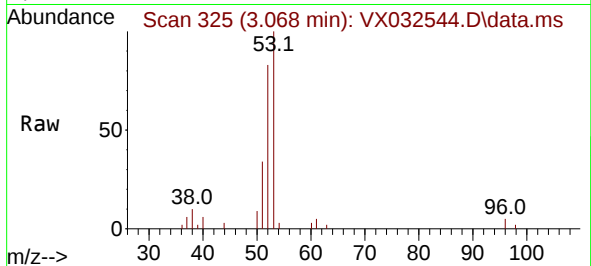
Tgt Ion: 53	Resp: 725
Ion Ratio	Lower Upper
53	100
52	83.6 67.4 101.0
51	35.9 30.3 45.5

Manual Integrations

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Supervised By :Mahesh Dadoda 11/03/2022



#16

Acetone

Concen: 13.732 ug/l

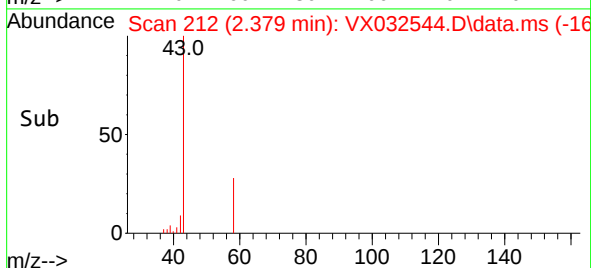
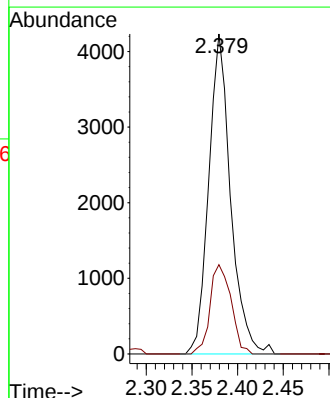
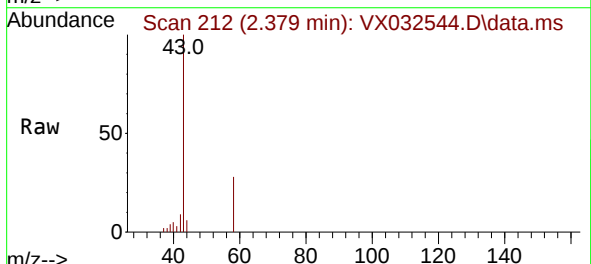
RT: 2.379 min Scan# 212

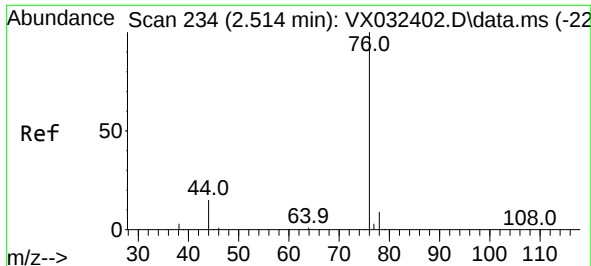
Delta R.T. -0.000 min

Lab File: VX032544.D

Acq: 02 Nov 2022 17:36

Tgt Ion: 43	Resp: 7027
Ion Ratio	Lower Upper
43	100
58	27.9 23.8 35.8





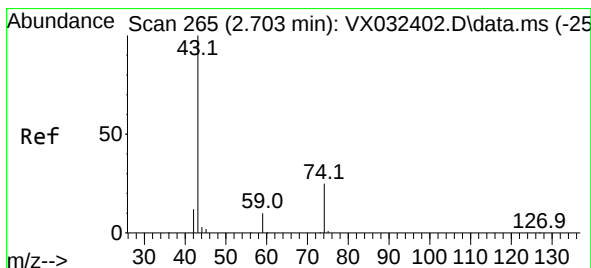
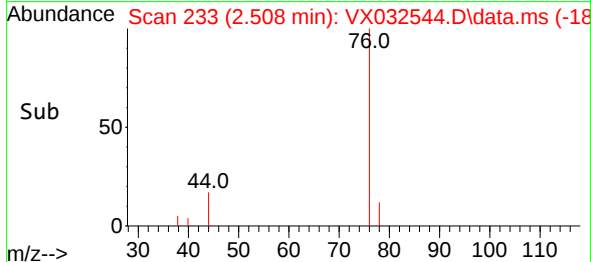
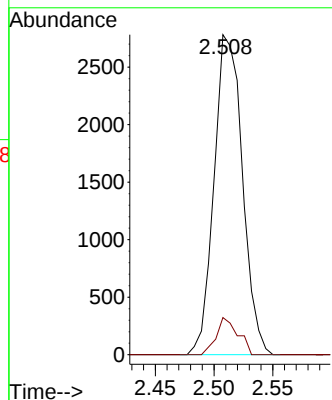
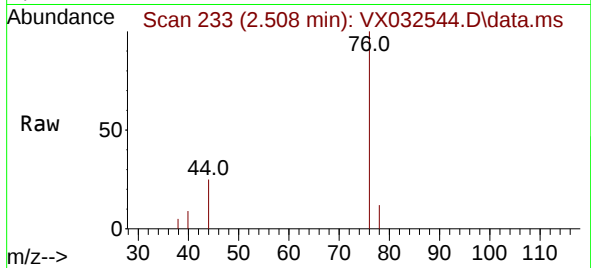
#17
Carbon Disulfide
Concen: 1.930 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX032544.D
Acq: 02 Nov 2022 17:36

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2022

Tgt Ion: 76 Resp: 4672
Ion Ratio Lower Upper
76 100
78 11.6 7.5 11.3

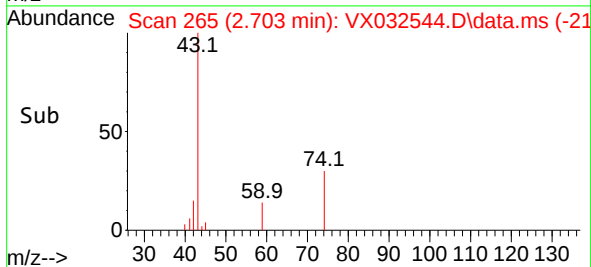
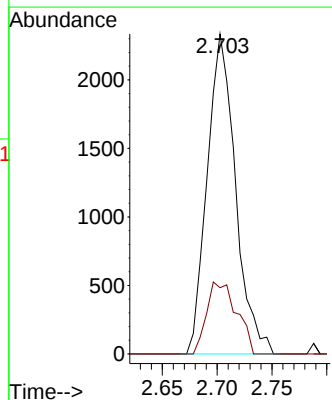
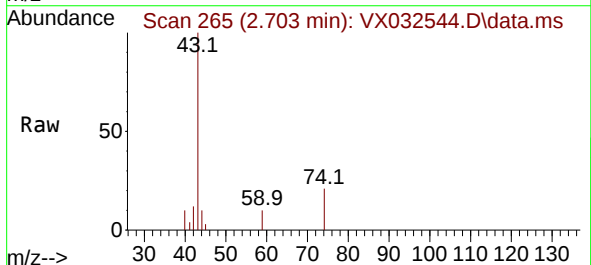
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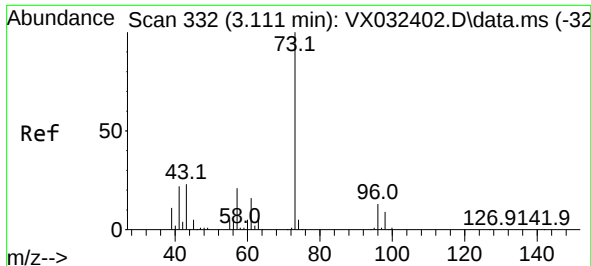
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#18
Methyl Acetate
Concen: 2.519 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX032544.D
Acq: 02 Nov 2022 17:36

Tgt Ion: 43 Resp: 4192
Ion Ratio Lower Upper
43 100
74 23.8 19.4 29.0





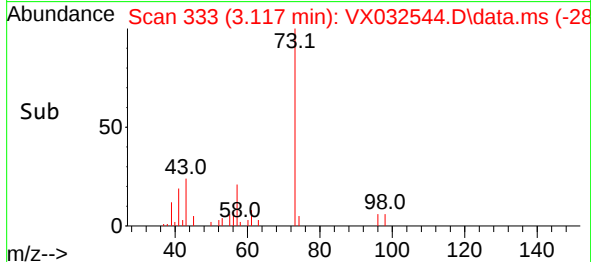
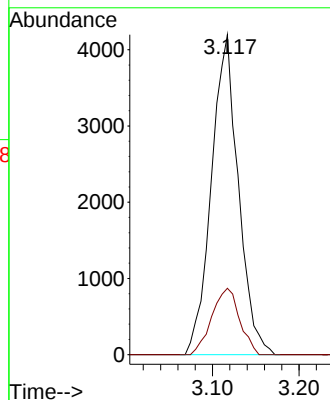
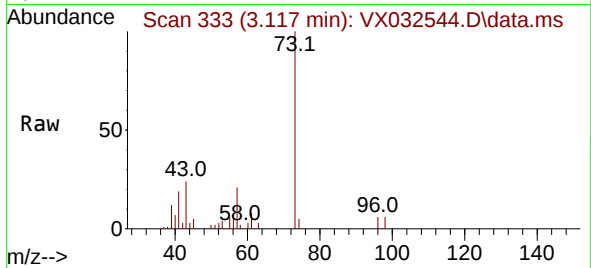
#19
Methyl tert-butyl Ether
Concen: 2.542 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX032544.D
Acq: 02 Nov 2022 17:36

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2022

Tgt Ion: 73 Resp: 908
Ion Ratio Lower Upper
73 100
57 20.7 16.6 25.0

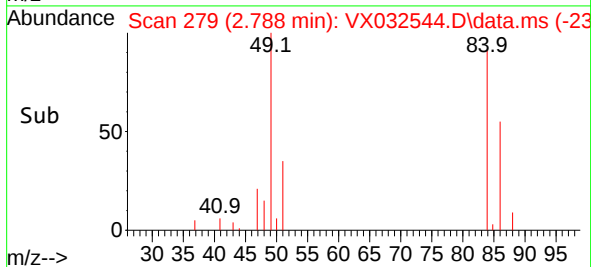
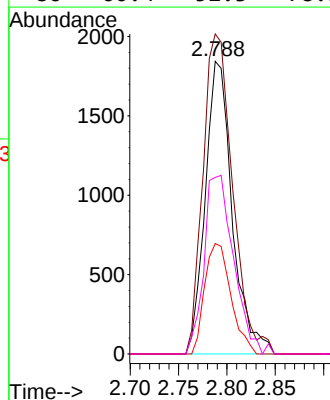
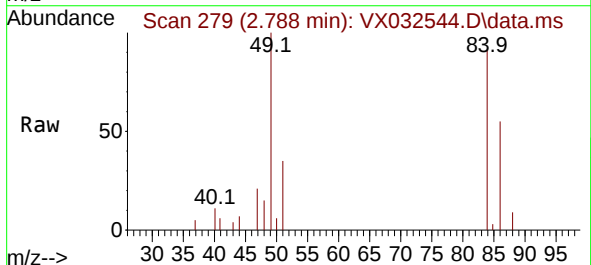
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Supervised By :Mahesh Dadoda 11/03/2022



#20
Methylene Chloride
Concen: 3.052 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX032544.D
Acq: 02 Nov 2022 17:36

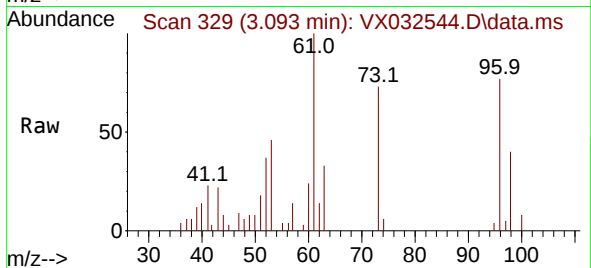
Tgt Ion: 84 Resp: 3581
Ion Ratio Lower Upper
84 100
49 109.3 101.0 151.6
51 37.7 31.1 46.7
86 60.4 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 2.368 ug/l
RT: 3.093 min Scan# 329
Delta R.T. -0.000 min
Lab File: VX032544.D
Acq: 02 Nov 2022 17:36

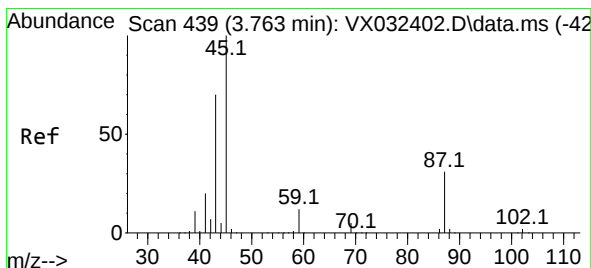
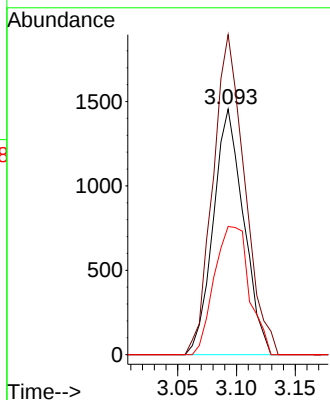
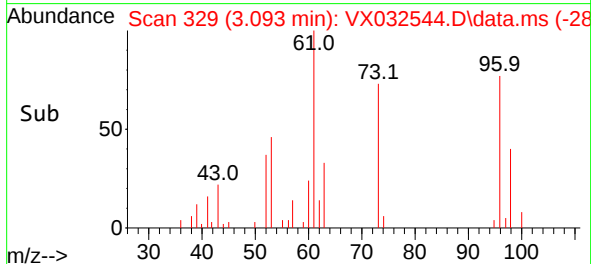
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2022



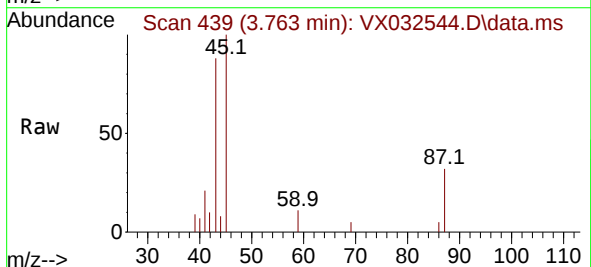
Tgt Ion: 96 Resp: 2619
Ion Ratio Lower Upper
96 100
61 130.3 106.6 160.0
98 52.2 51.0 76.6

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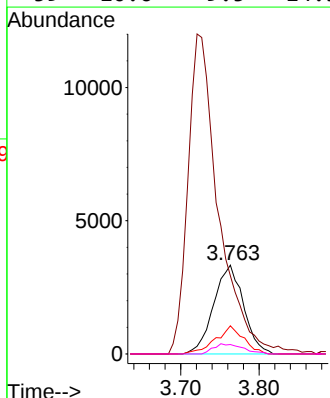
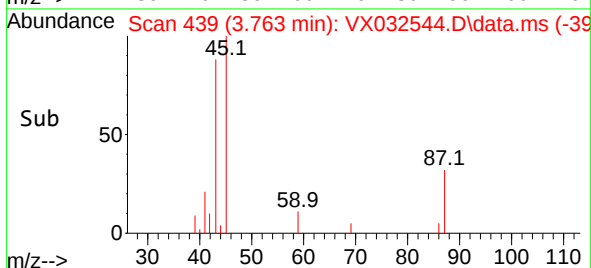
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#22
Diisopropyl ether
Concen: 2.515 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX032544.D
Acq: 02 Nov 2022 17:36



Tgt Ion: 45 Resp: 8814
Ion Ratio Lower Upper
45 100
43 79.2 56.4 84.6
87 31.8 24.4 36.6
59 10.6 9.5 14.3





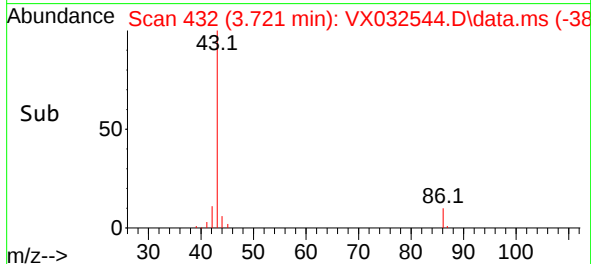
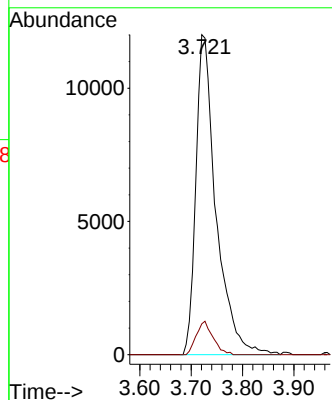
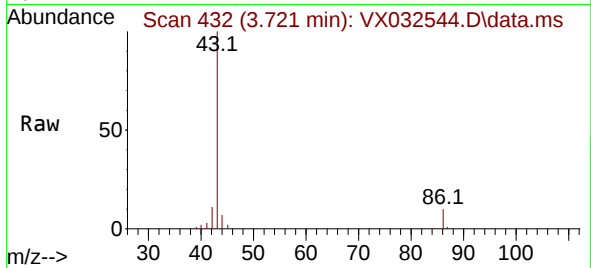
#23
 Vinyl Acetate
 Concen: 11.581 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX032544.D
 Acq: 02 Nov 2022 17:36

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT4-2022

Tgt Ion: 43 Resp: 32784
 Ion Ratio Lower Upper
 43 100
 86 9.7 8.6 12.8

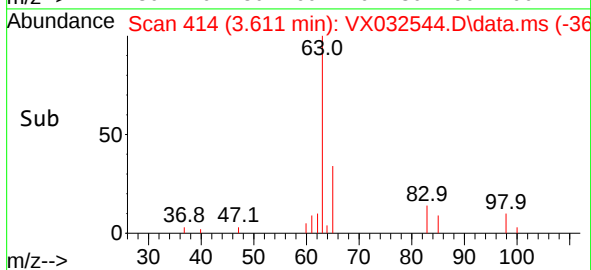
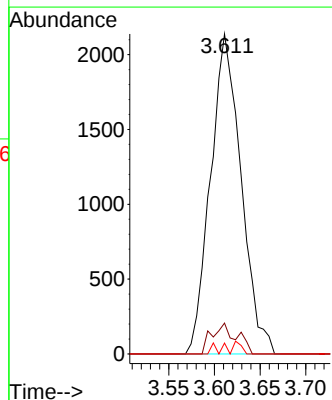
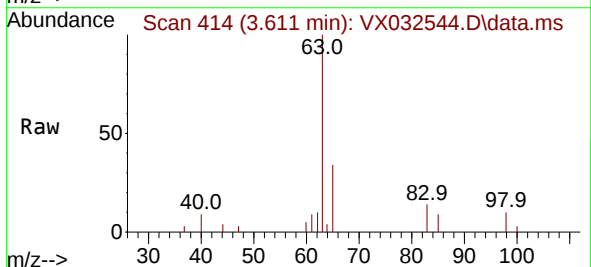
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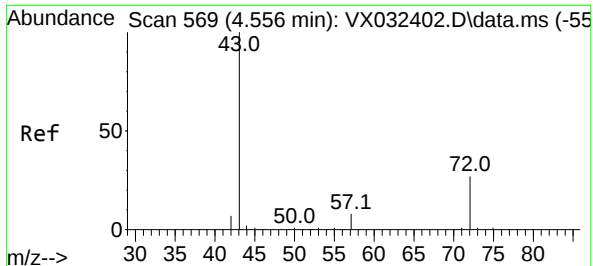
Reviewed By :John Carlone 11/03/2022
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#24
 1,1-Dichloroethane
 Concen: 2.469 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.000 min
 Lab File: VX032544.D
 Acq: 02 Nov 2022 17:36

Tgt Ion: 63 Resp: 4977
 Ion Ratio Lower Upper
 63 100
 98 9.6 3.5 10.4
 100 3.4 2.3 6.8





#25

2-Butanone

Concen: 13.003 ug/l

RT: 4.568 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX032544.D

Acq: 02 Nov 2022 17:36

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2022

Tgt Ion: 43 Resp: 10309

Ion Ratio Lower Upper

43 100

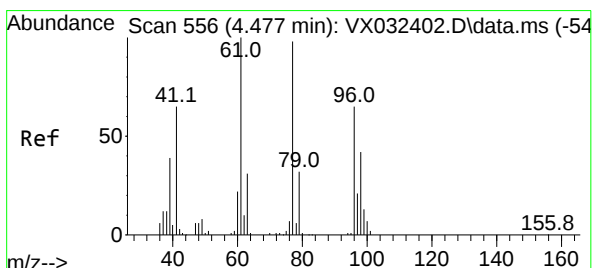
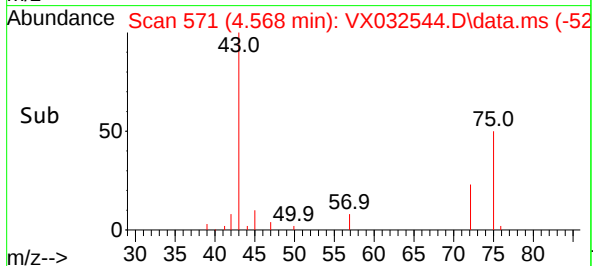
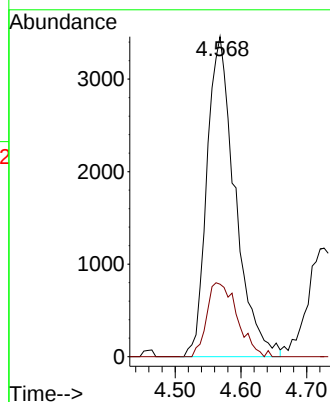
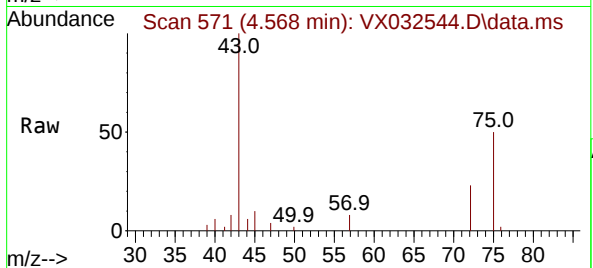
72 22.7 22.2 33.2

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#26

2,2-Dichloropropane

Concen: 2.325 ug/l

RT: 4.477 min Scan# 556

Delta R.T. -0.000 min

Lab File: VX032544.D

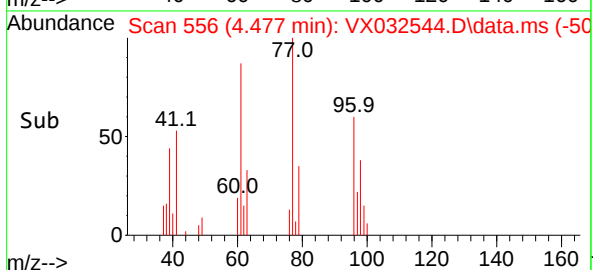
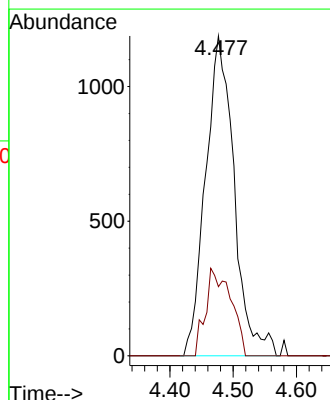
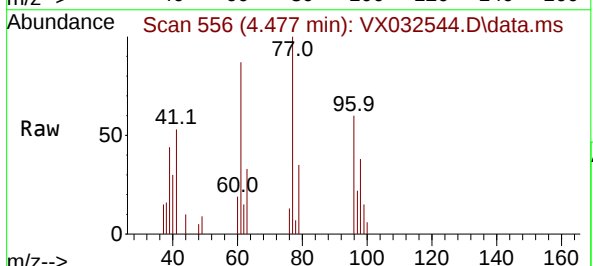
Acq: 02 Nov 2022 17:36

Tgt Ion: 77 Resp: 3725

Ion Ratio Lower Upper

77 100

97 24.3 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 2.503 ug/l

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX032544.D

Acq: 02 Nov 2022 17:36

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2022

Tgt Ion: 96 Resp: 3200

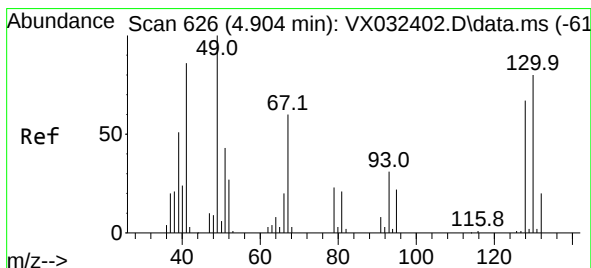
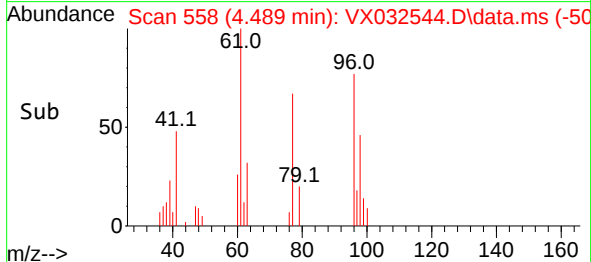
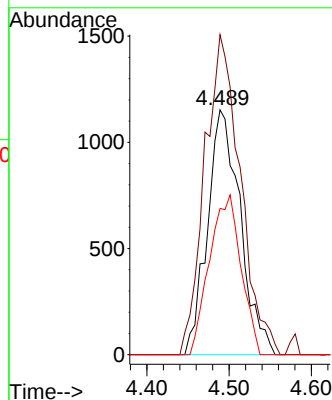
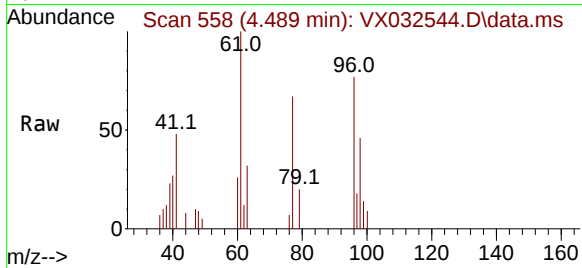
Ion	Ratio	Lower	Upper
96	100		
61	141.8	0.0	286.0
98	62.5	0.0	129.6

Manual Integrations

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Supervised By :Mahesh Dadoda 11/03/2022



#28

Bromochloromethane

Concen: 3.002 ug/l

RT: 4.903 min Scan# 626

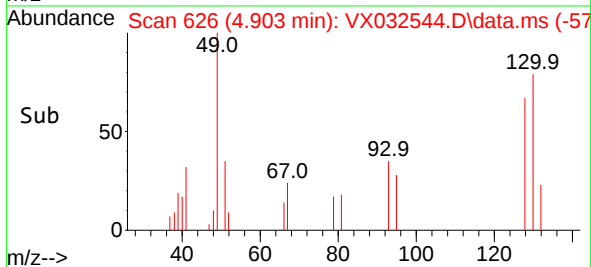
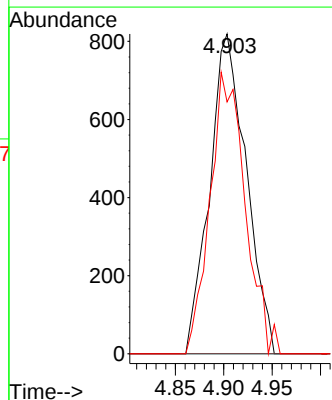
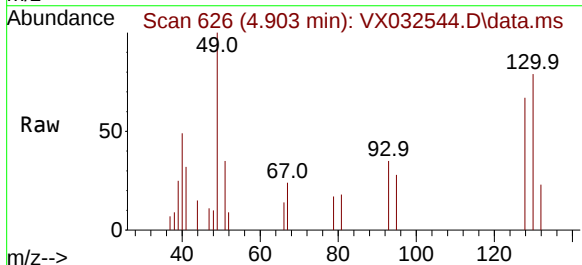
Delta R.T. -0.000 min

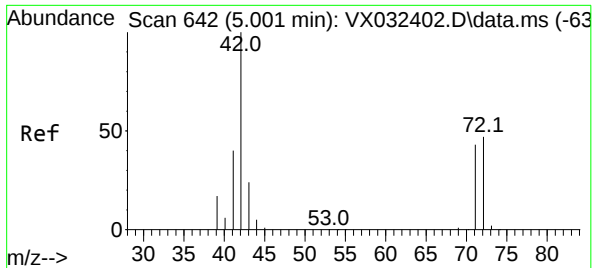
Lab File: VX032544.D

Acq: 02 Nov 2022 17:36

Tgt Ion: 49 Resp: 2155

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.8
130	84.5	67.5	101.3





#29

Tetrahydrofuran

Concen: 12.207 ug/l

RT: 5.019 min Scan# 64

Delta R.T. 0.018 min

Lab File: VX032544.D

Acq: 02 Nov 2022 17:36

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2022

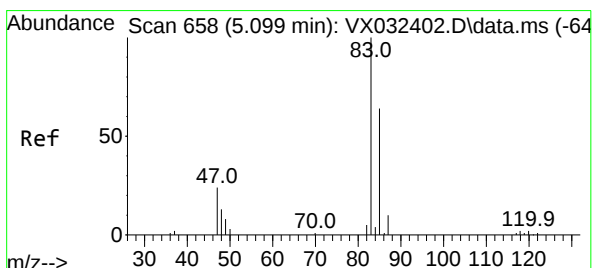
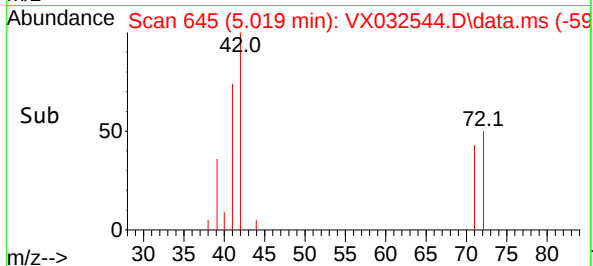
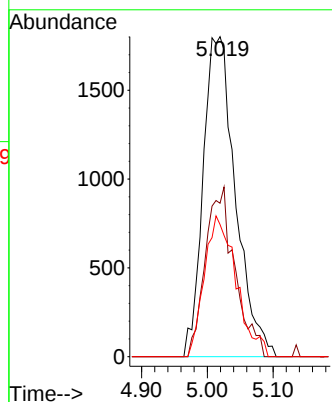
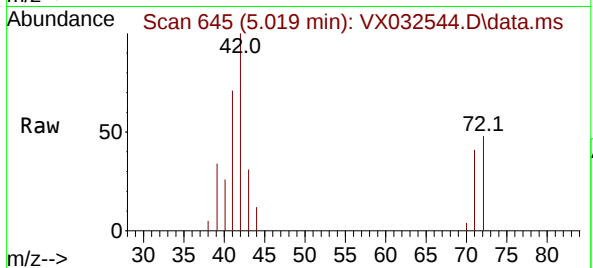
Tgt Ion:	42	Resp:	617
Ion Ratio	Lower	Upper	
42	100		
72	48.1	37.6	56.4
71	43.3	34.7	52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/03/2022

Supervised By :Mahesh Dadoda 11/03/2022



#30

Chloroform

Concen: 2.554 ug/l

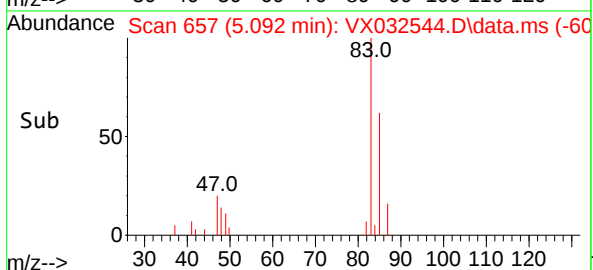
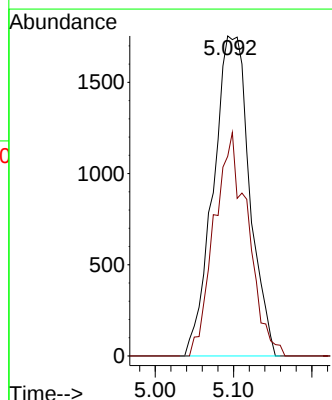
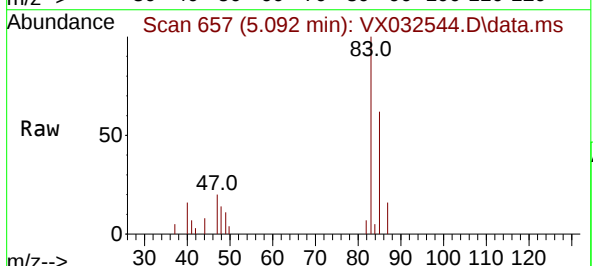
RT: 5.092 min Scan# 657

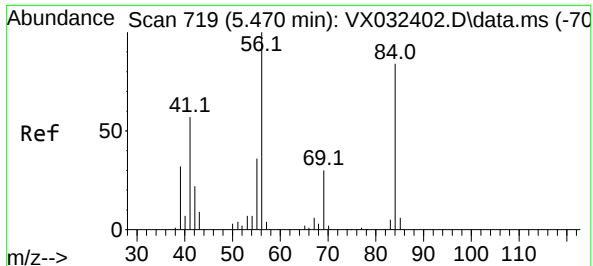
Delta R.T. -0.006 min

Lab File: VX032544.D

Acq: 02 Nov 2022 17:36

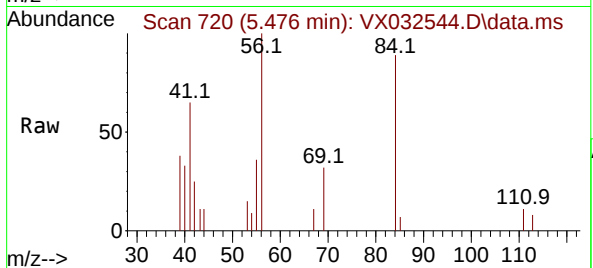
Tgt Ion:	83	Resp:	5649
Ion Ratio	Lower	Upper	
83	100		
85	62.4	51.1	76.7





#31
Cyclohexane
Concen: 2.288 ug/l
RT: 5.476 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX032544.D
Acq: 02 Nov 2022 17:36

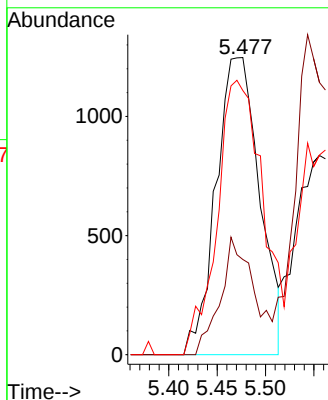
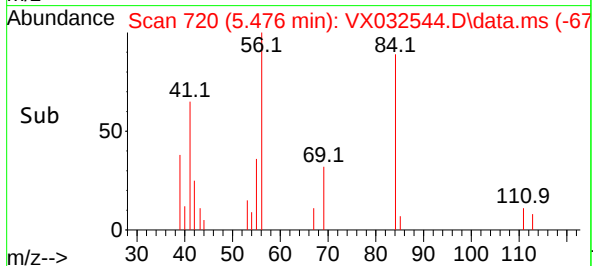
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2022



Tgt Ion: 56 Resp: 3900
Ion Ratio Lower Upper
56 100
69 32.1 24.1 36.1
84 88.9 66.9 100.3

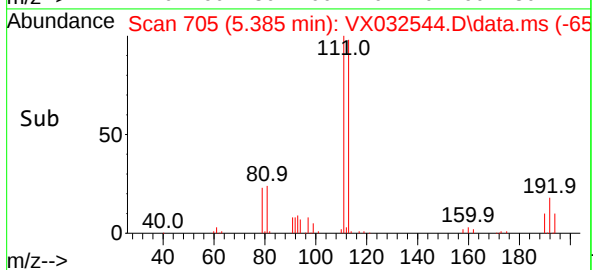
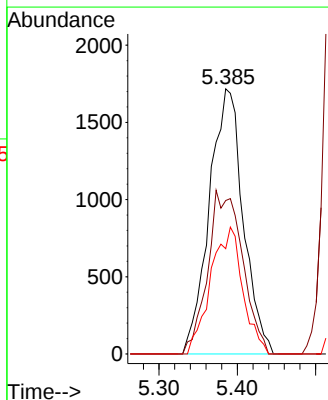
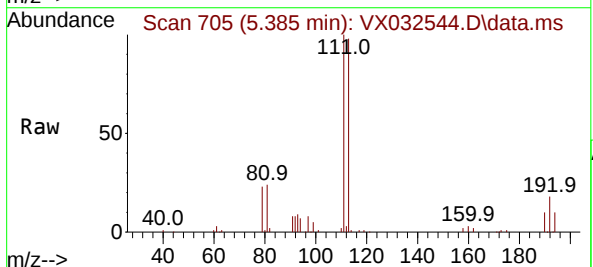
Manual Integrations
APPROVED

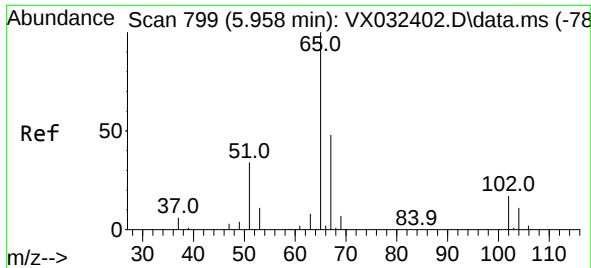
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#32
1,1,1-Trichloroethane
Concen: 2.602 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX032544.D
Acq: 02 Nov 2022 17:36

Tgt Ion: 97 Resp: 5163
Ion Ratio Lower Upper
97 100
99 63.1 51.4 77.0
61 45.2 35.2 52.8





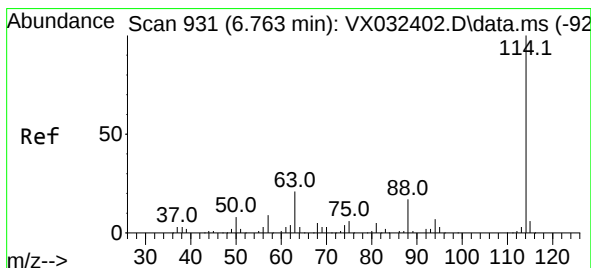
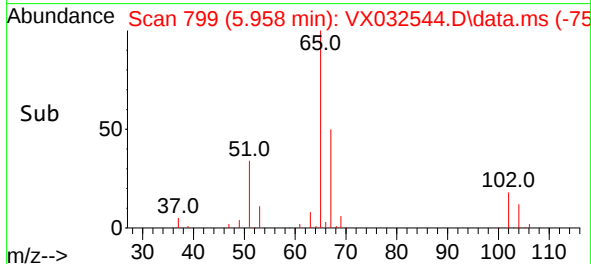
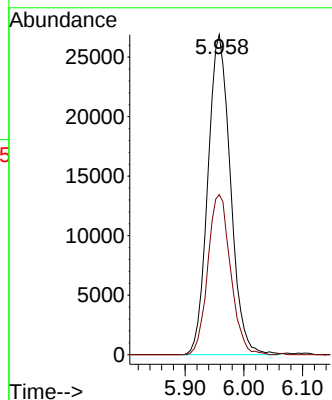
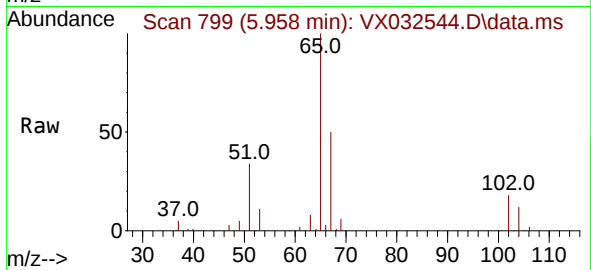
#33
 1,2-Dichloroethane-d4
 Concen: 50.983 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.000 min
 Lab File: VX032544.D
 Acq: 02 Nov 2022 17:36

Instrument : MSVOA_X
 ClientSampleId : MDL-WATER-03-QT4-2022

Tgt Ion: 65 Resp: 7178
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 101.8

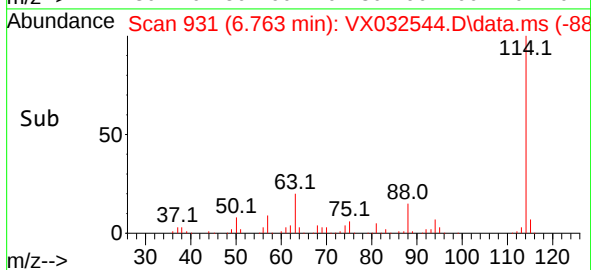
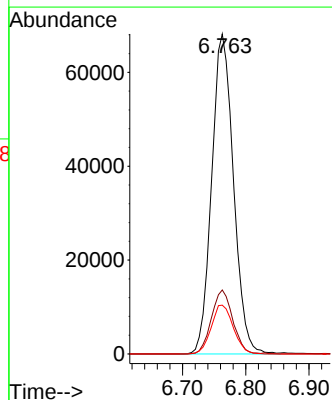
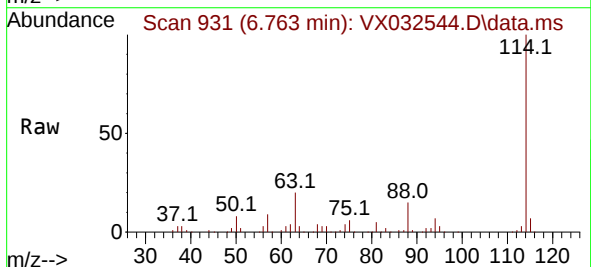
Manual Integrations
 APPROVED

Reviewed By :John Carlone 11/03/2022
 Supervised By :Mahesh Dadoda 11/03/2022



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX032544.D
 Acq: 02 Nov 2022 17:36

Tgt Ion:114 Resp: 163155
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 41.6
 88 15.2 0.0 33.4





#35

Dibromofluoromethane

Concen: 50.053 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX032544.D

Acq: 02 Nov 2022 17:36

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2022

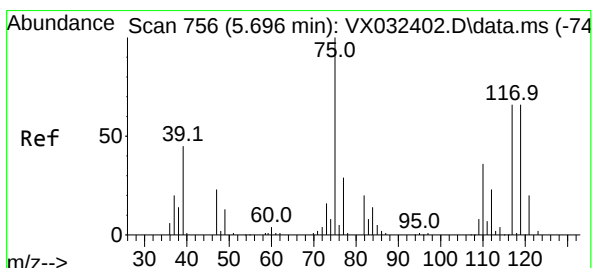
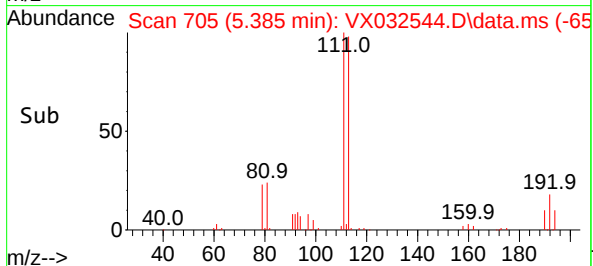
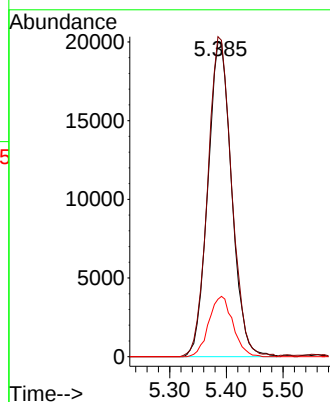
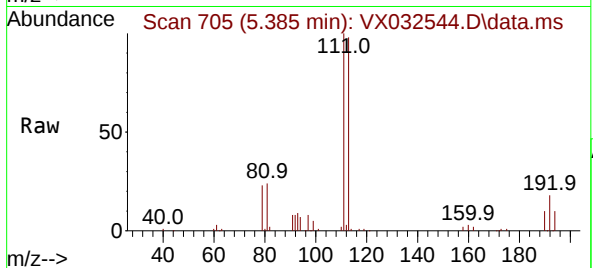
Tgt Ion:	113	Resp:	5825
Ion Ratio	Lower	Upper	
113	100		
111	102.3	82.4	123.6
192	19.4	15.4	23.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/03/2022

Supervised By :Mahesh Dadoda 11/03/2022



#36

1,1-Dichloropropene

Concen: 2.489 ug/l

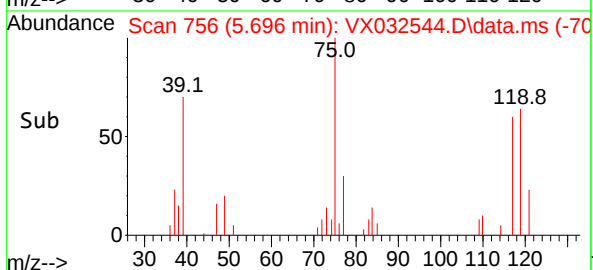
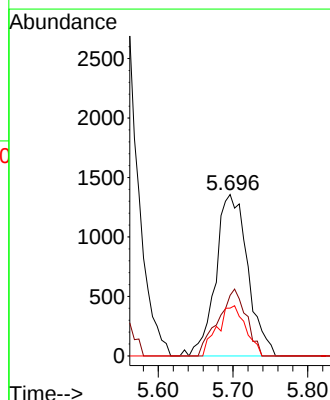
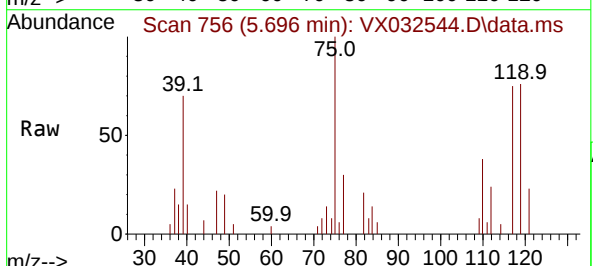
RT: 5.696 min Scan# 756

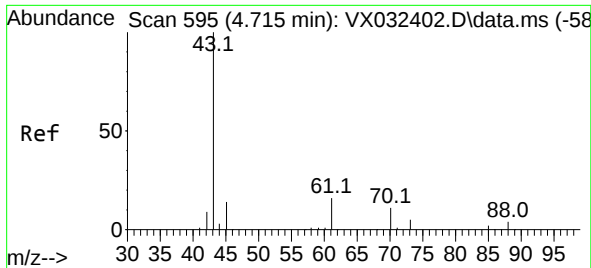
Delta R.T. -0.000 min

Lab File: VX032544.D

Acq: 02 Nov 2022 17:36

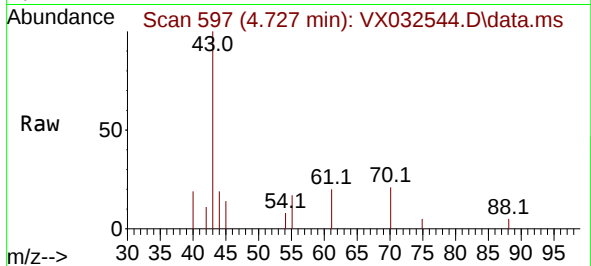
Tgt Ion:	75	Resp:	4034
Ion Ratio	Lower	Upper	
75	100		
110	36.4	18.4	55.2
77	27.4	24.5	36.7





#37
Ethyl Acetate
Concen: 2.356 ug/l
RT: 4.727 min Scan# 597
Delta R.T. 0.012 min
Lab File: VX032544.D
Acq: 02 Nov 2022 17:36

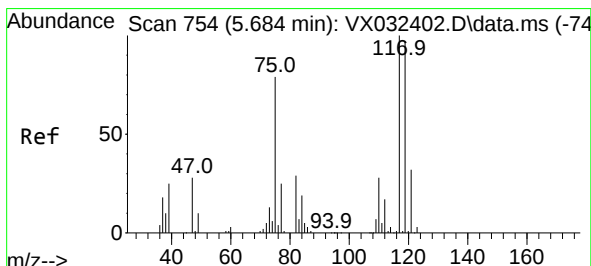
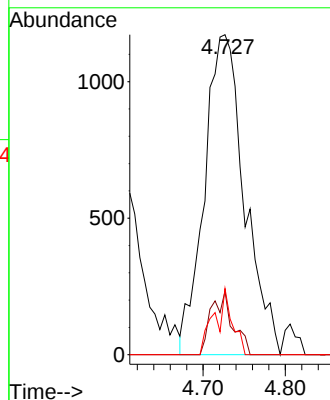
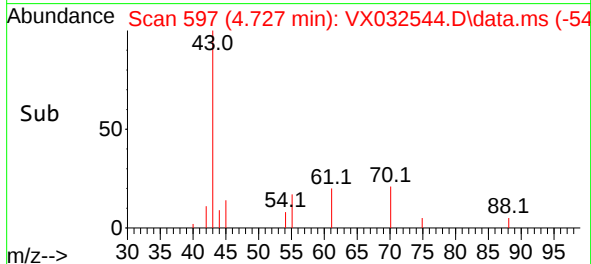
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2022



Tgt Ion: 43 Resp: 3975
Ion Ratio Lower Upper
43 100
61 10.6 11.5 17.3
70 9.2 9.1 13.7

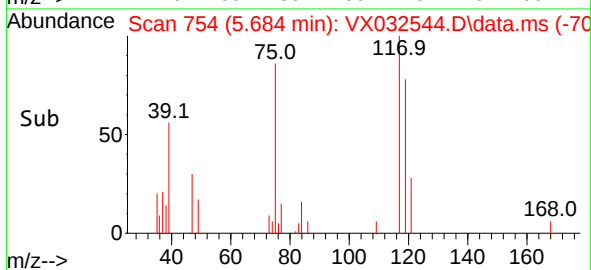
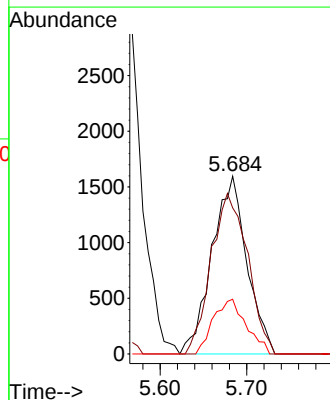
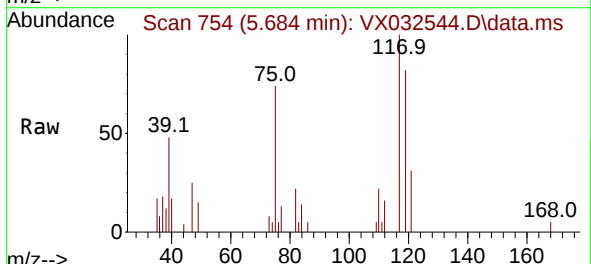
Manual Integrations
APPROVED

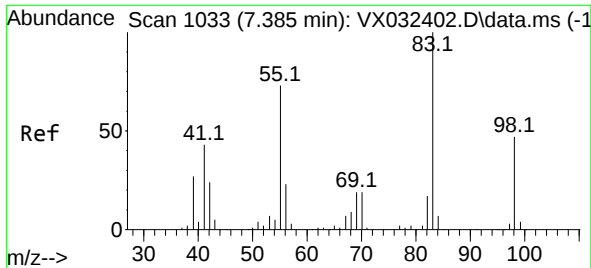
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#38
Carbon Tetrachloride
Concen: 2.488 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX032544.D
Acq: 02 Nov 2022 17:36

Tgt Ion:117 Resp: 4472
Ion Ratio Lower Upper
117 100
119 82.2 77.2 115.8
121 30.8 25.8 38.6





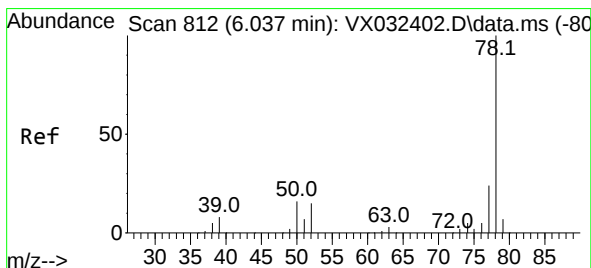
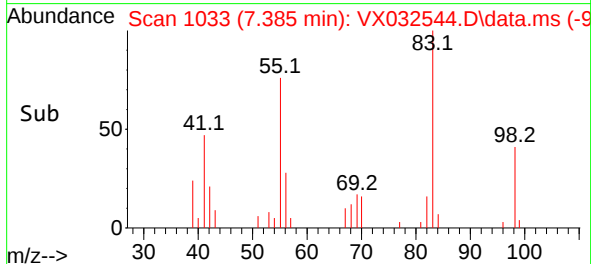
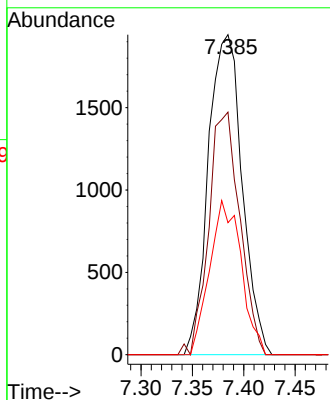
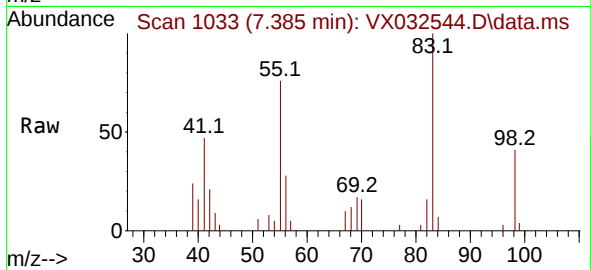
#39
Methylcyclohexane
Concen: 2.317 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX032544.D
Acq: 02 Nov 2022 17:36

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2022

Tgt Ion: 83 Resp: 444
Ion Ratio Lower Upper
83 100
55 75.8 58.4 87.6
98 41.3 37.2 55.8

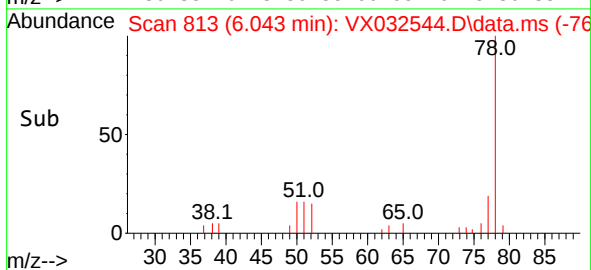
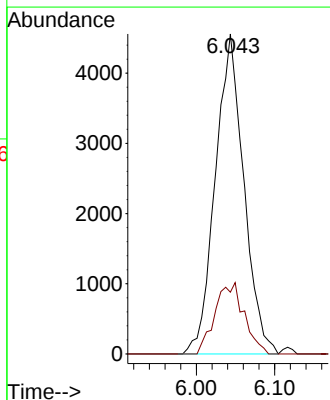
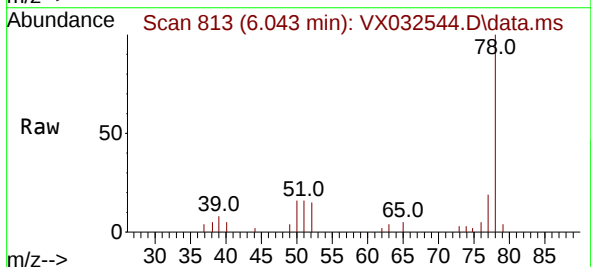
Manual Integrations
APPROVED

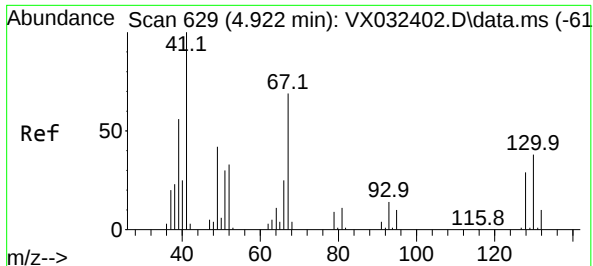
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#40
Benzene
Concen: 2.512 ug/l
RT: 6.043 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX032544.D
Acq: 02 Nov 2022 17:36

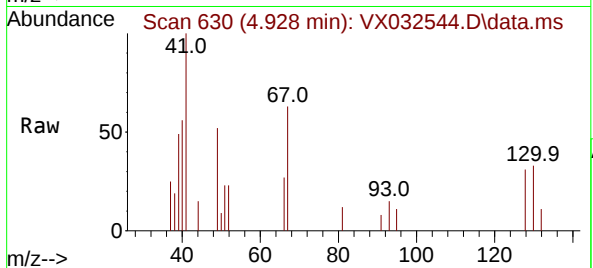
Tgt Ion: 78 Resp: 11521
Ion Ratio Lower Upper
78 100
77 19.3 19.0 28.4





#41
Methacrylonitrile
Concen: 2.401 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX032544.D
Acq: 02 Nov 2022 17:36

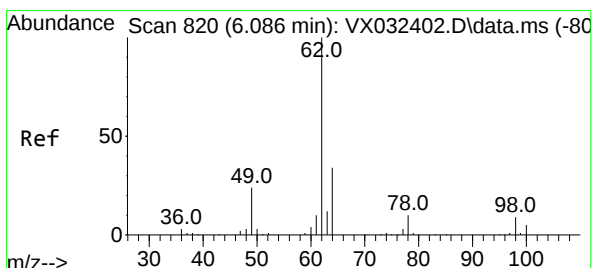
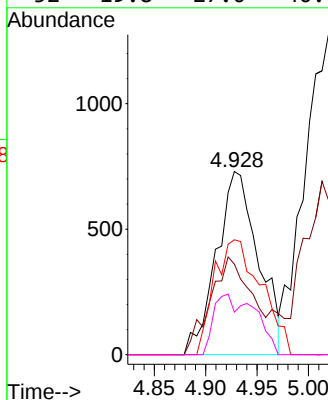
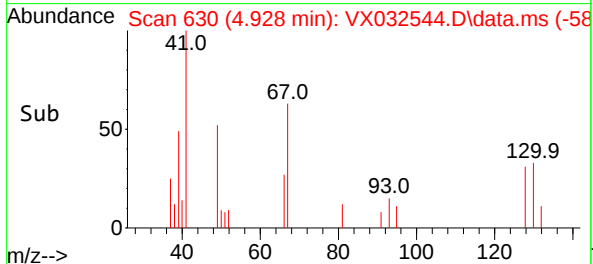
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2022



Tgt Ion: 41 Resp: 206
Ion Ratio Lower Upper
41 100
39 53.1 47.5 71.3
67 70.2 60.5 90.7
52 19.8 27.0 40.6#

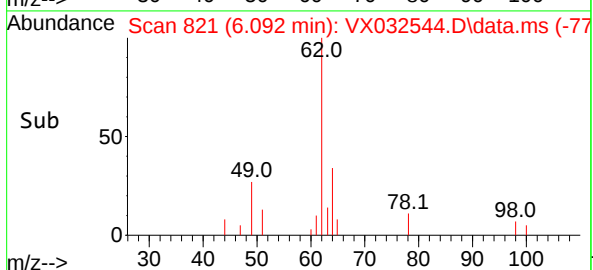
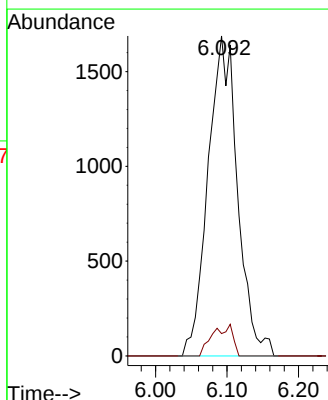
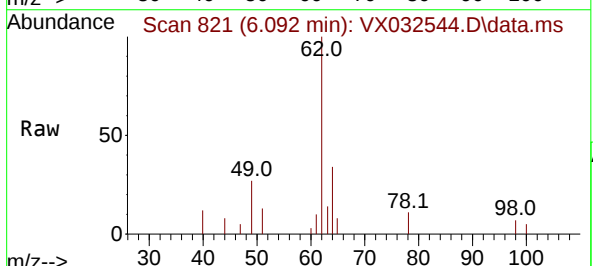
Manual Integrations
APPROVED

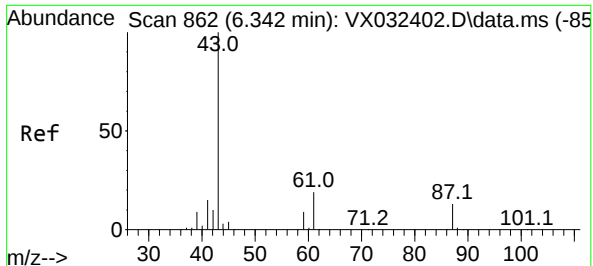
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#42
1,2-Dichloroethane
Concen: 2.585 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX032544.D
Acq: 02 Nov 2022 17:36

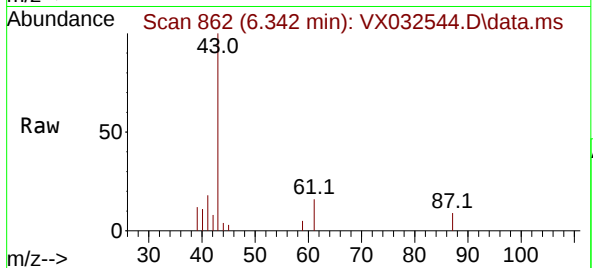
Tgt Ion: 62 Resp: 4847
Ion Ratio Lower Upper
62 100
98 3.9 0.0 16.0





#43
Isopropyl Acetate
Concen: 2.388 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX032544.D
Acq: 02 Nov 2022 17:36

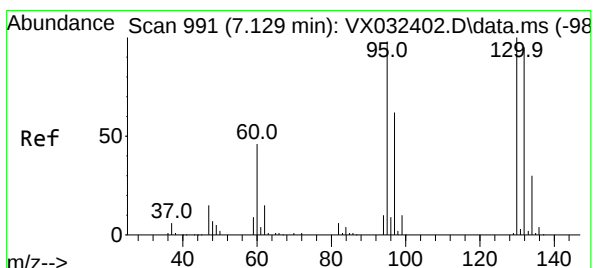
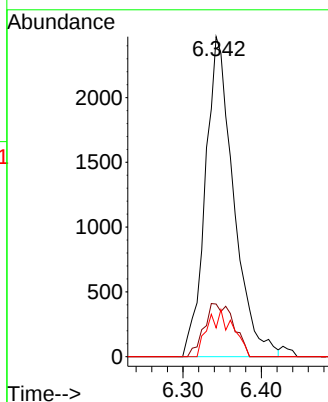
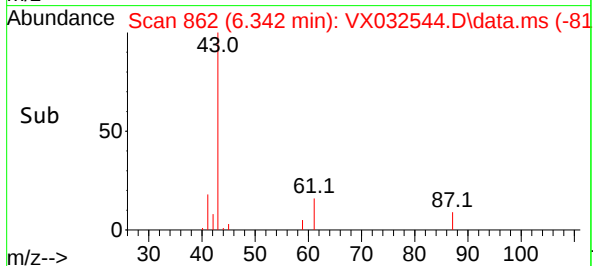
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2022



Tgt Ion: 43 Resp: 6180
Ion Ratio Lower Upper
43 100
61 17.5 15.4 23.0
87 5.4 10.8 16.2

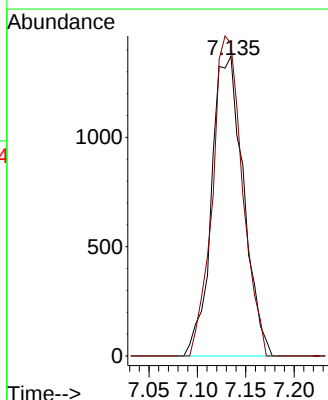
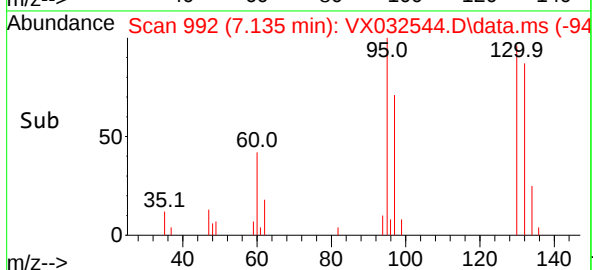
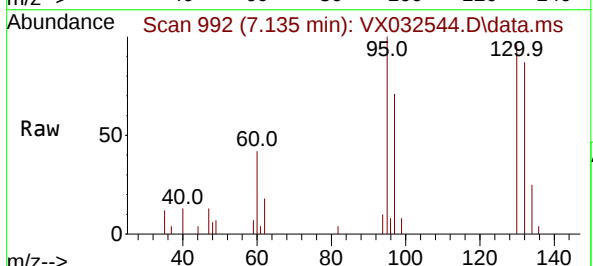
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#44
Trichloroethene
Concen: 2.435 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX032544.D
Acq: 02 Nov 2022 17:36

Tgt Ion:130 Resp: 3144
Ion Ratio Lower Upper
130 100
95 104.2 0.0 195.2





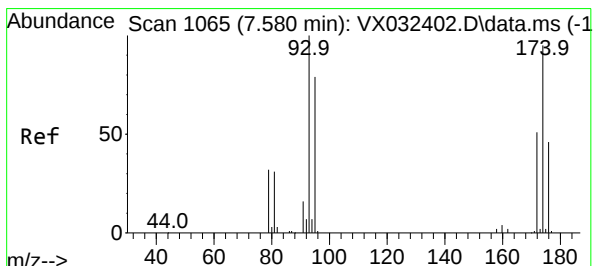
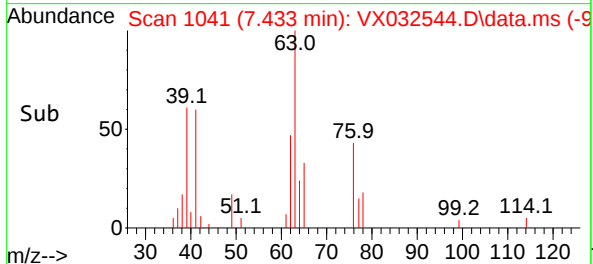
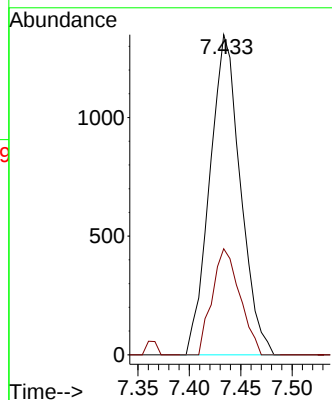
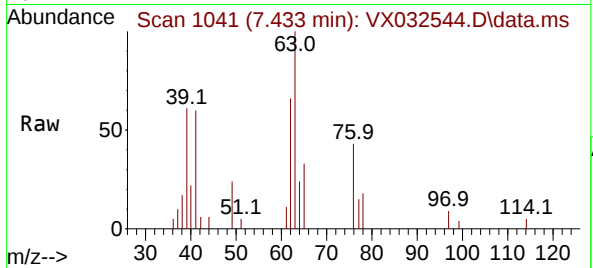
#45
1,2-Dichloropropane
Concen: 2.383 ug/l
RT: 7.433 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VX032544.D
Acq: 02 Nov 2022 17:36

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2022

Tgt Ion: 63 Resp: 280
Ion Ratio Lower Upper
63 100
65 33.1 24.6 36.8

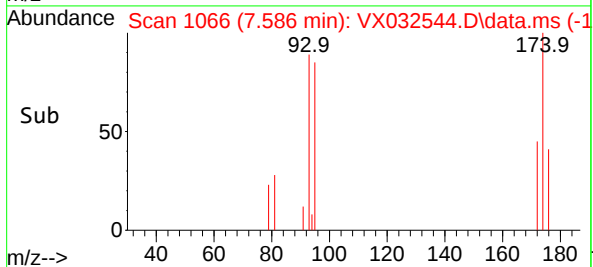
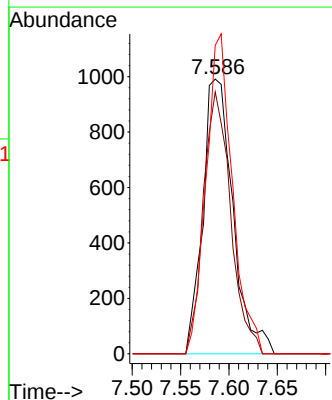
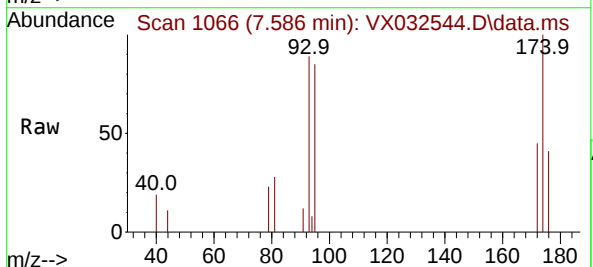
Manual Integrations
APPROVED

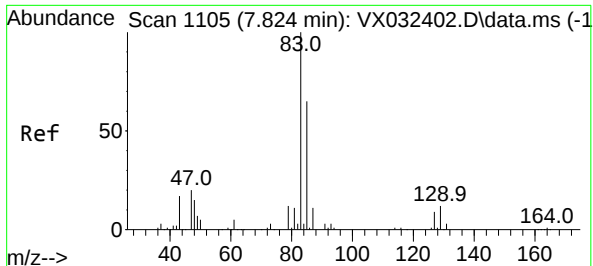
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#46
Dibromomethane
Concen: 2.375 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VX032544.D
Acq: 02 Nov 2022 17:36

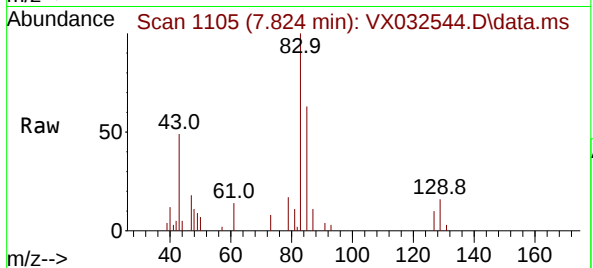
Tgt Ion: 93 Resp: 2144
Ion Ratio Lower Upper
93 100
95 86.5 65.8 98.8
174 102.2 79.8 119.6





#47
Bromodichloromethane
Concen: 2.469 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX032544.D
Acq: 02 Nov 2022 17:36

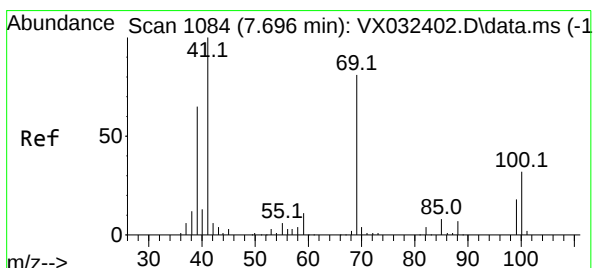
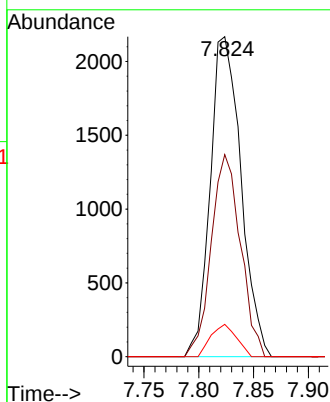
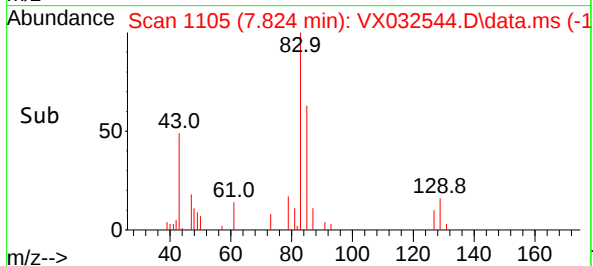
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2022



Tgt Ion: 83 Resp: 4225
Ion Ratio Lower Upper
83 100
85 63.1 52.2 78.4
127 10.1 7.4 11.2

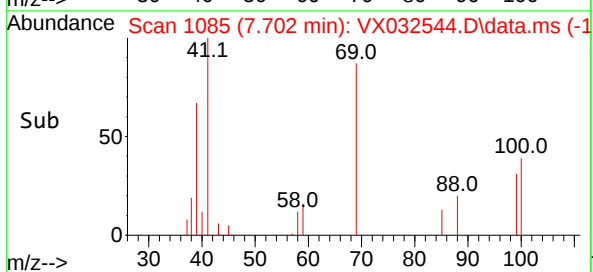
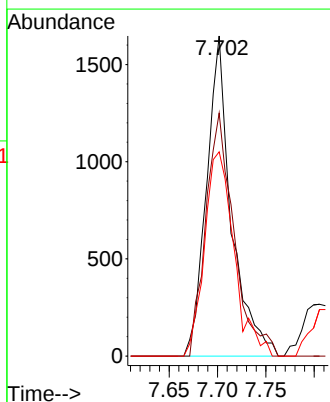
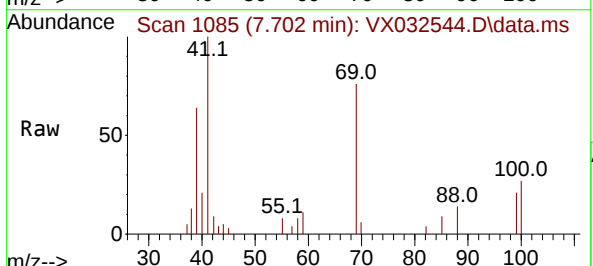
Manual Integrations
APPROVED

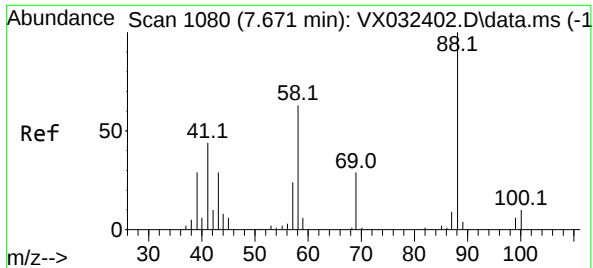
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#48
Methyl methacrylate
Concen: 2.199 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. 0.006 min
Lab File: VX032544.D
Acq: 02 Nov 2022 17:36

Tgt Ion: 41 Resp: 2941
Ion Ratio Lower Upper
41 100
69 86.3 65.1 97.7
39 75.8 51.9 77.9





#49

1,4-Dioxane

Concen: 49.895 ug/l

RT: 7.677 min Scan# 1080

Delta R.T. 0.006 min

Lab File: VX032544.D

Acq: 02 Nov 2022 17:36

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2022

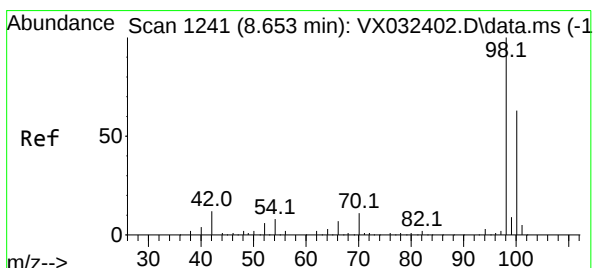
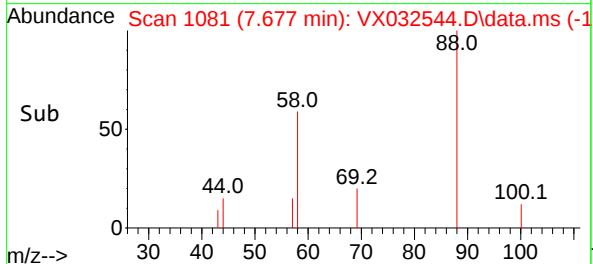
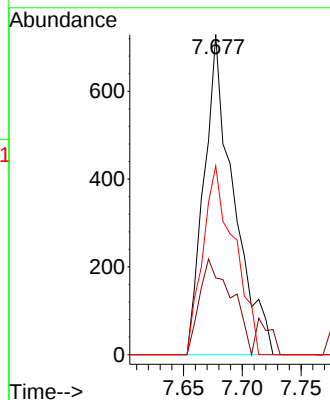
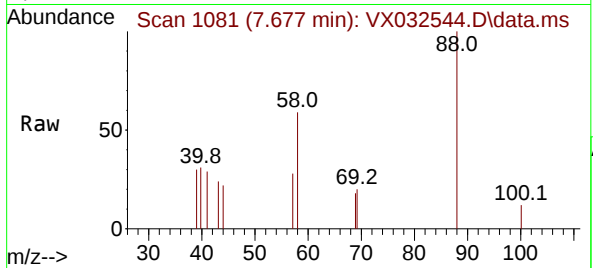
Tgt Ion: 88	Resp: 127
Ion Ratio	Lower Upper
88 100	
43 32.3	26.6 39.8
58 63.0	51.7 77.5

Manual Integrations

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Reviewed By :John Carlone 11/03/2022

Supervised By :Mahesh Dadoda 11/03/2022



#50

Toluene-d8

Concen: 48.573 ug/l

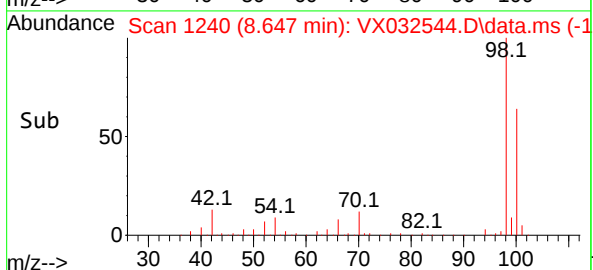
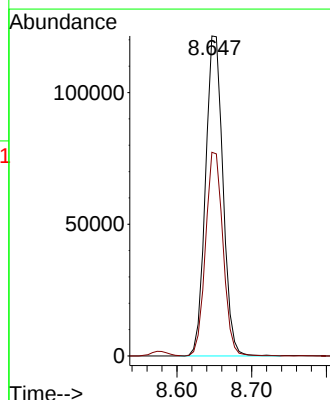
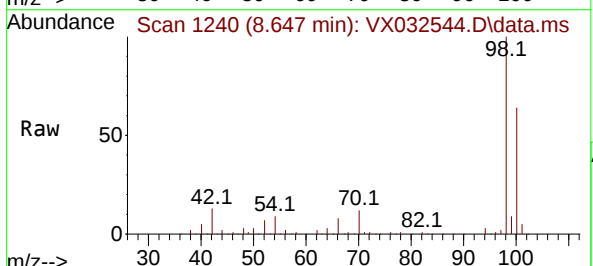
RT: 8.647 min Scan# 1240

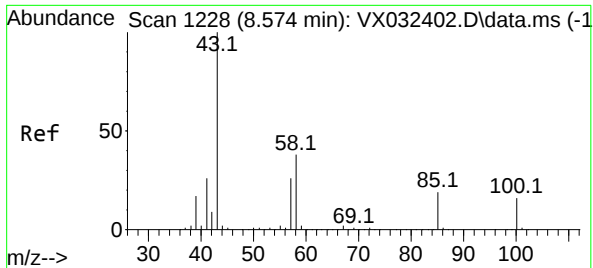
Delta R.T. -0.006 min

Lab File: VX032544.D

Acq: 02 Nov 2022 17:36

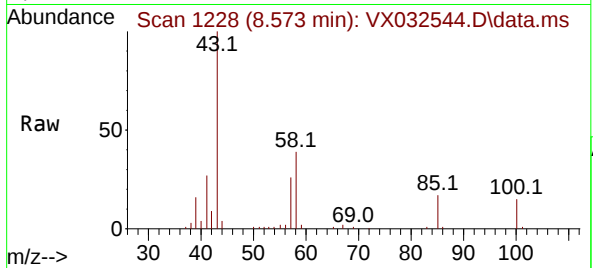
Tgt Ion: 98	Resp: 196567
Ion Ratio	Lower Upper
98 100	
100 63.6	50.9 76.3





#51
4-Methyl-2-Pentanone
Concen: 11.933 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX032544.D
Acq: 02 Nov 2022 17:36

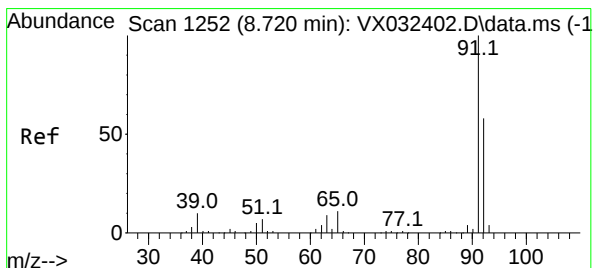
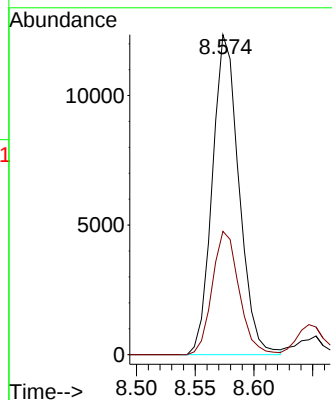
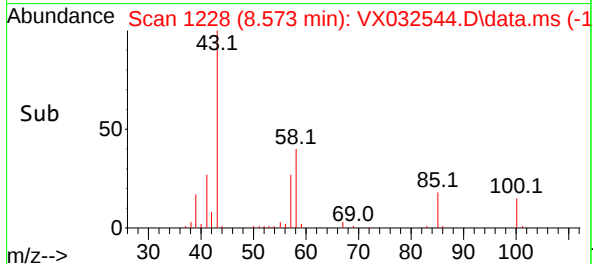
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2022



Tgt Ion: 43 Resp: 1946
Ion Ratio Lower Upper
43 100
58 39.0 30.9 46.3

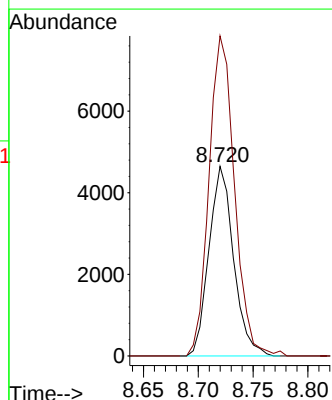
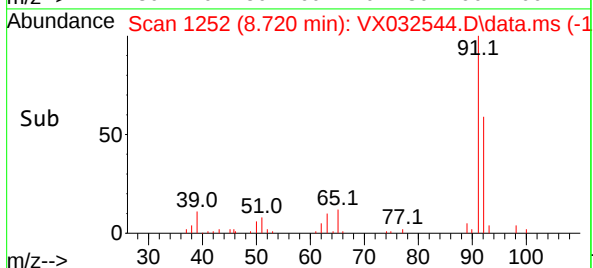
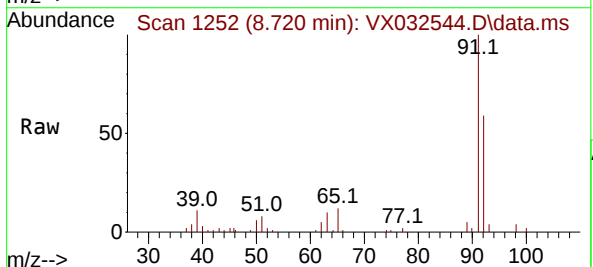
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#52
Toluene
Concen: 2.432 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX032544.D
Acq: 02 Nov 2022 17:36

Tgt Ion: 92 Resp: 7278
Ion Ratio Lower Upper
92 100
91 174.3 138.3 207.5





#53

t-1,3-Dichloropropene

Concen: 2.067 ug/l

RT: 8.982 min Scan# 1195

Delta R.T. -0.000 min

Lab File: VX032544.D

Acq: 02 Nov 2022 17:36

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2022

Tgt Ion: 75 Resp: 3608

Ion Ratio Lower Upper

75 100

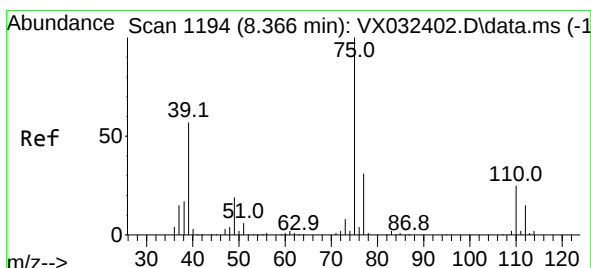
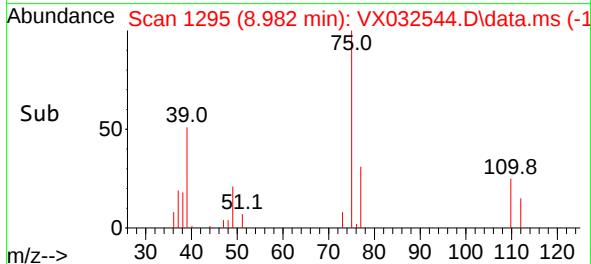
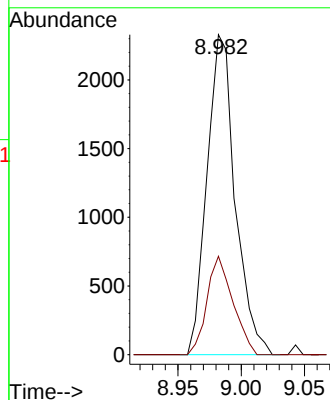
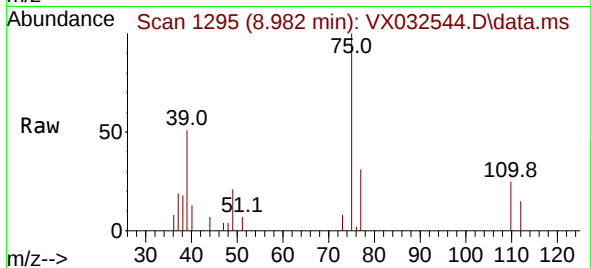
77 30.7 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/03/2022

Supervised By :Mahesh Dadoda 11/03/2022



#54

cis-1,3-Dichloropropene

Concen: 2.097 ug/l

RT: 8.372 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VX032544.D

Acq: 02 Nov 2022 17:36

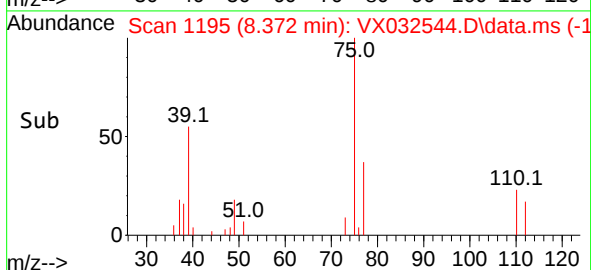
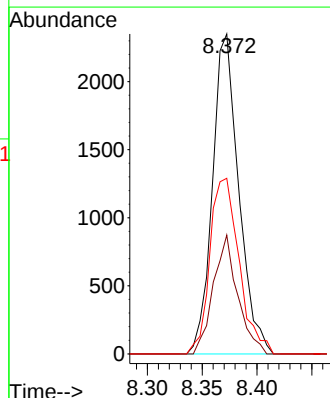
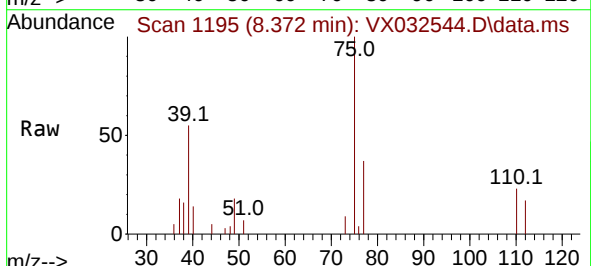
Tgt Ion: 75 Resp: 3916

Ion Ratio Lower Upper

75 100

77 37.1 25.1 37.7

39 54.9 45.5 68.3





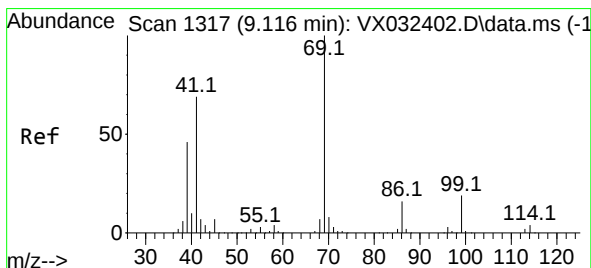
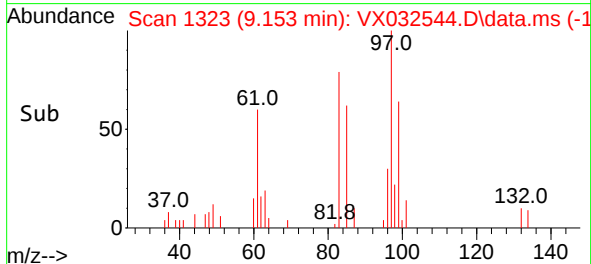
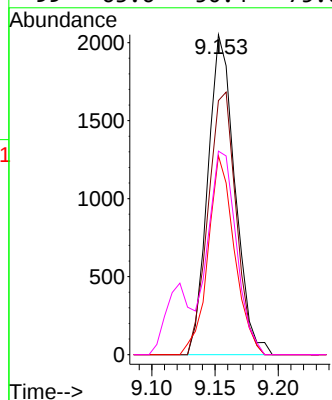
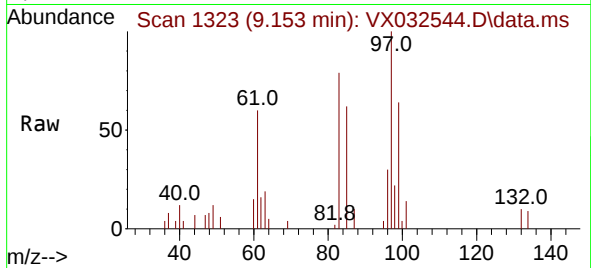
#55
1,1,2-Trichloroethane
Concen: 2.428 ug/l
RT: 9.153 min Scan# 1318
Delta R.T. -0.000 min
Lab File: VX032544.D
Acq: 02 Nov 2022 17:36

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2022

Tgt Ion	Ratio	Lower	Upper
97	100		
83	79.4	68.1	102.1
85	62.2	43.3	64.9
99	63.6	50.4	75.6

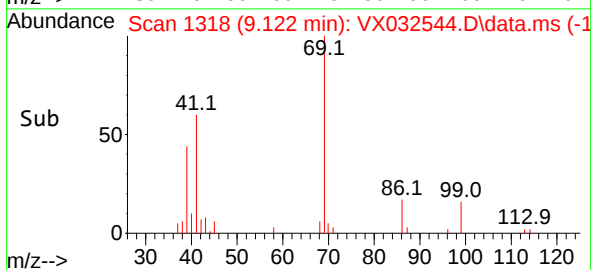
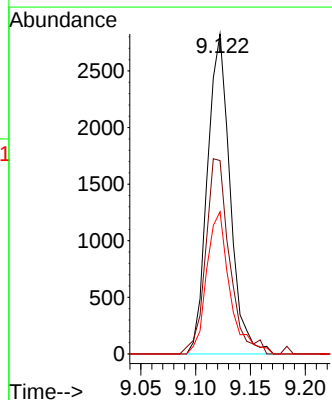
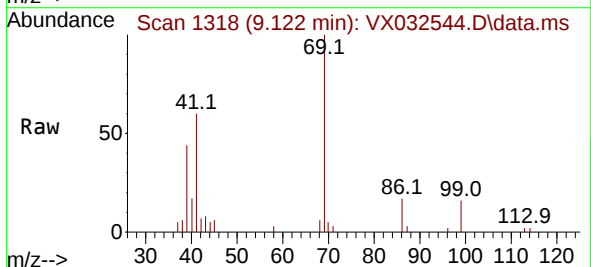
Manual Integrations
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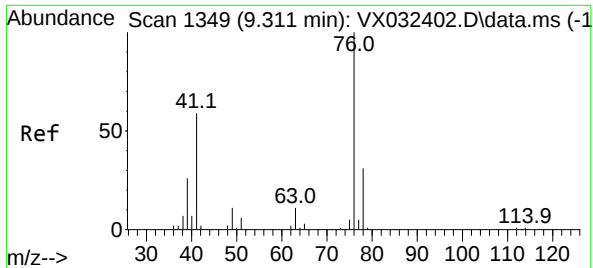
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#56
Ethyl methacrylate
Concen: 2.239 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VX032544.D
Acq: 02 Nov 2022 17:36

Tgt Ion	Ratio	Lower	Upper
69	100		
41	64.2	54.3	81.5
39	45.5	35.2	52.8





#57

1,3-Dichloropropane

Concen: 2.482 ug/l

RT: 9.311 min Scan# 11349

Delta R.T. -0.000 min

Lab File: VX032544.D

Acq: 02 Nov 2022 17:36

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2022

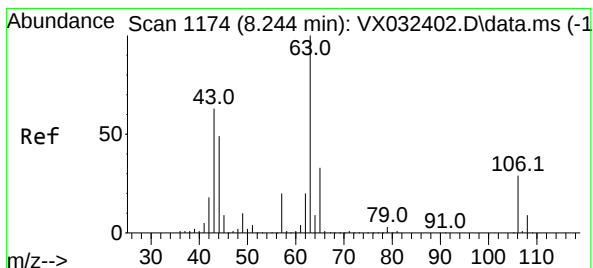
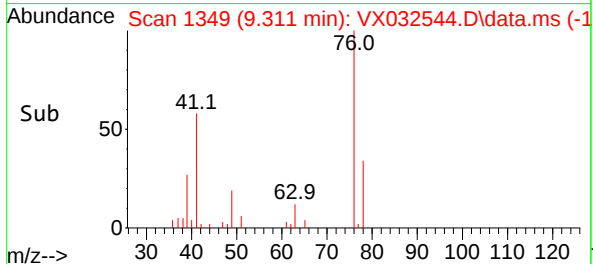
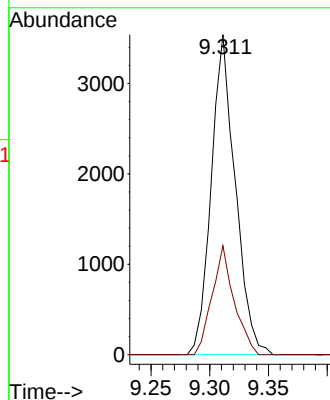
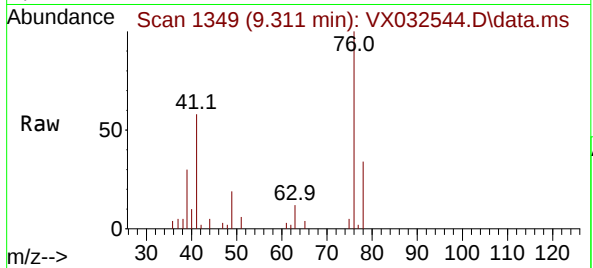
Tgt Ion: 76 Resp: 5050
 Ion Ratio Lower Upper
 76 100
 78 31.1 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/03/2022

Supervised By :Mahesh Dadoda 11/03/2022



#58

2-Chloroethyl Vinyl ether

Concen: 11.810 ug/l

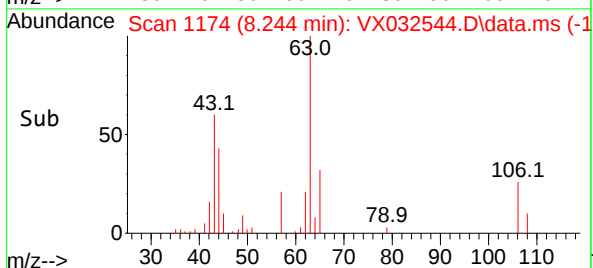
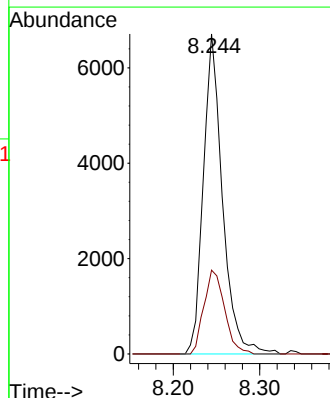
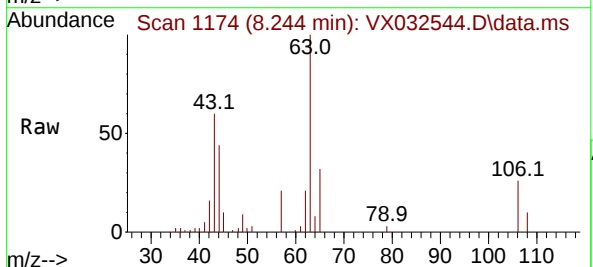
RT: 8.244 min Scan# 1174

Delta R.T. -0.000 min

Lab File: VX032544.D

Acq: 02 Nov 2022 17:36

Tgt Ion: 63 Resp: 10312
 Ion Ratio Lower Upper
 63 100
 106 28.3 23.3 34.9





#59

2-Hexanone

Concen: 11.946 ug/l

RT: 9.433 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX032544.D

Acq: 02 Nov 2022 17:36

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2022

Tgt Ion: 43 Resp: 1446

Ion Ratio Lower Upper

43 100

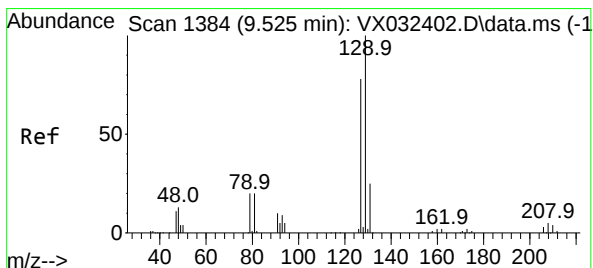
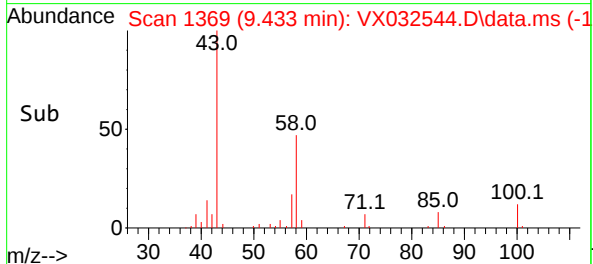
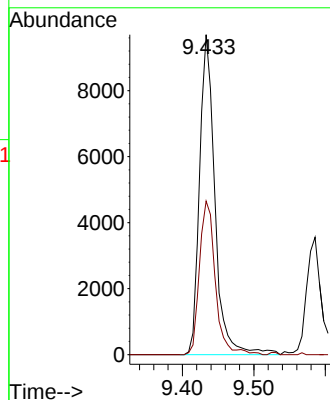
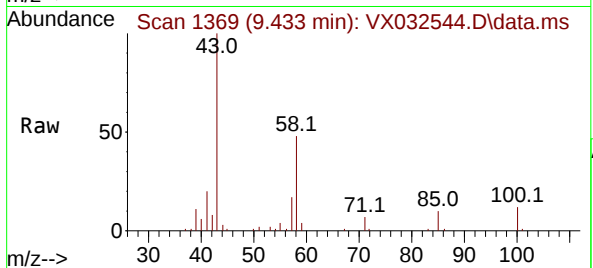
58 49.6 26.5 79.5

Manual Integrations

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Reviewed By :John Carlone 11/03/2022

Supervised By :Mahesh Dadoda 11/03/2022



#60

Dibromochloromethane

Concen: 2.210 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. -0.006 min

Lab File: VX032544.D

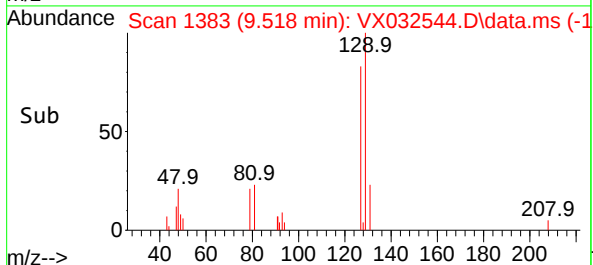
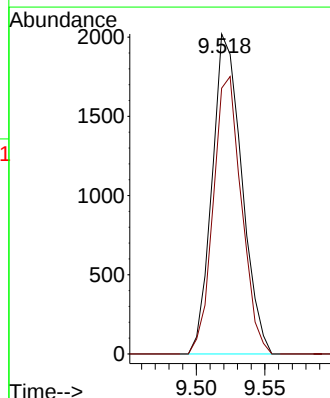
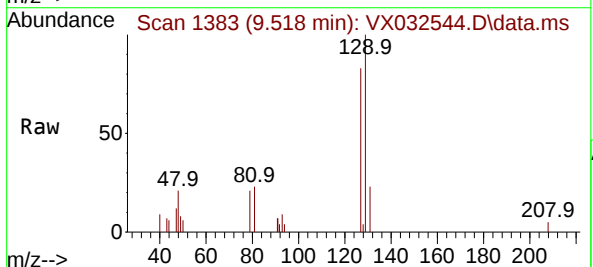
Acq: 02 Nov 2022 17:36

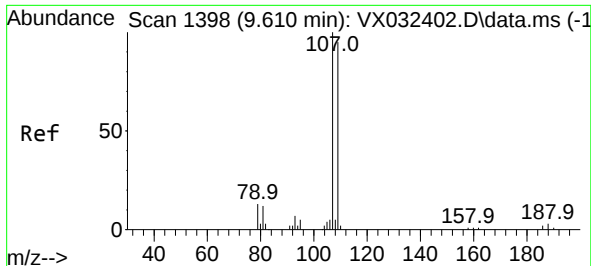
Tgt Ion:129 Resp: 3042

Ion Ratio Lower Upper

129 100

127 82.4 38.6 115.8





#61

1,2-Dibromoethane

Concen: 2.299 ug/l

RT: 9.610 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VX032544.D

Acq: 02 Nov 2022 17:36

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2022

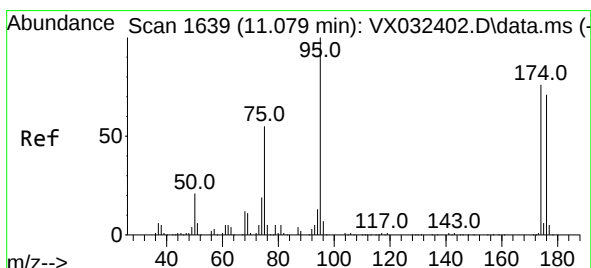
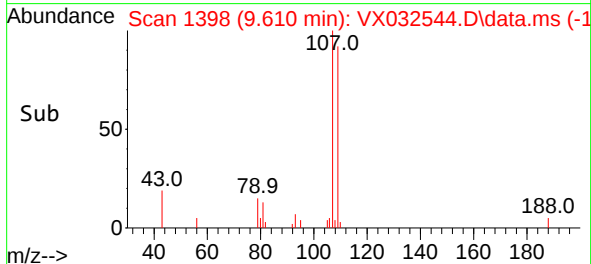
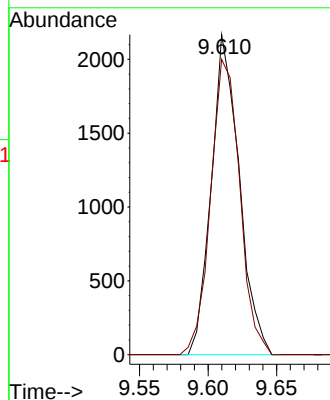
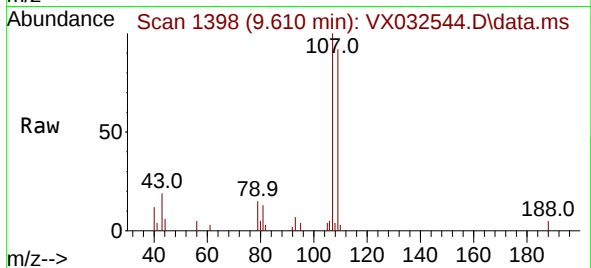
Tgt Ion:107 Resp: 3070
 Ion Ratio Lower Upper
 107 100
 109 96.3 76.0 114.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/03/2022

Supervised By :Mahesh Dadoda 11/03/2022



#62

4-Bromofluorobenzene

Concen: 45.418 ug/l

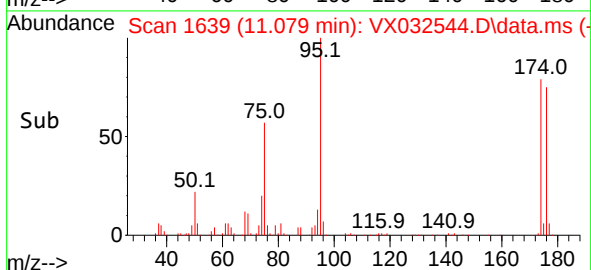
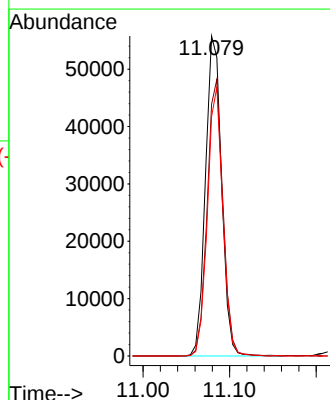
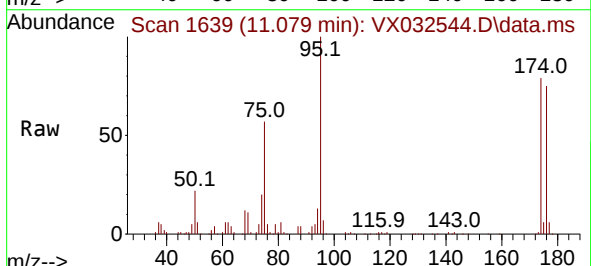
RT: 11.079 min Scan# 1639

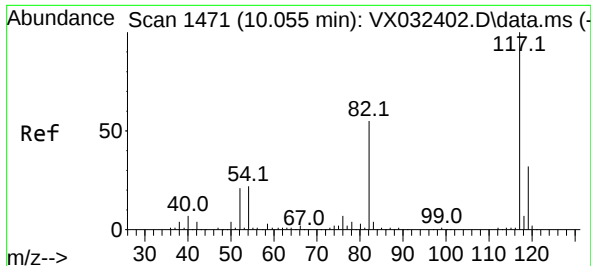
Delta R.T. -0.000 min

Lab File: VX032544.D

Acq: 02 Nov 2022 17:36

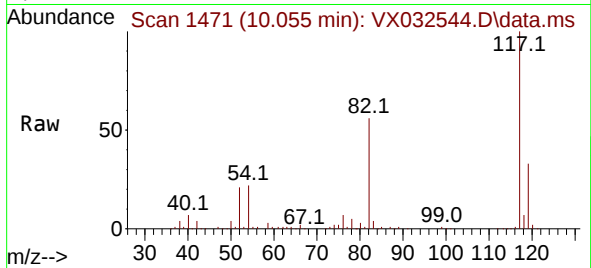
Tgt Ion: 95 Resp: 71795
 Ion Ratio Lower Upper
 95 100
 174 85.1 0.0 164.0
 176 80.7 0.0 154.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032544.D
Acq: 02 Nov 2022 17:36

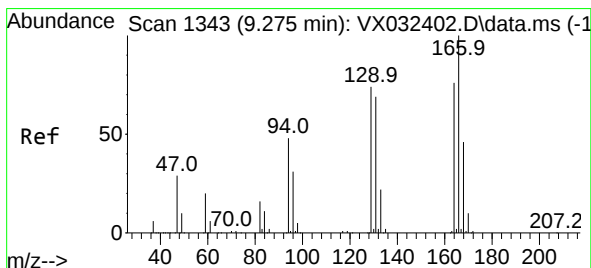
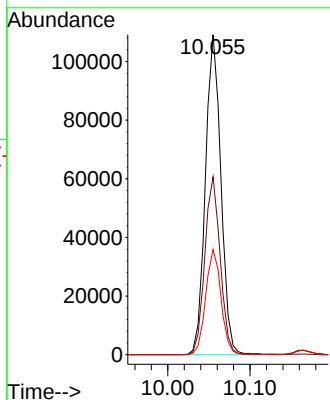
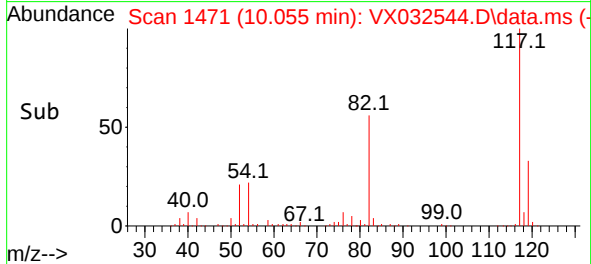
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2022



Tgt Ion:117 Resp: 14310
Ion Ratio Lower Upper
117 100
82 55.6 44.3 66.5
119 32.9 25.7 38.5

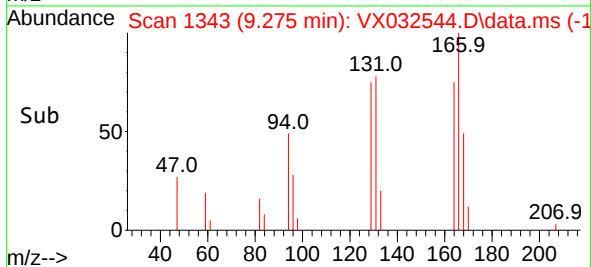
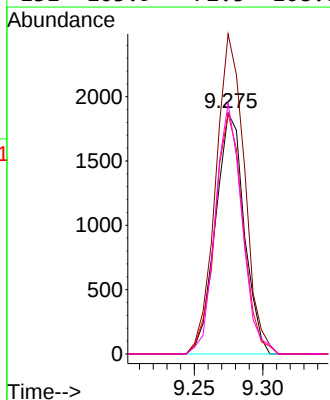
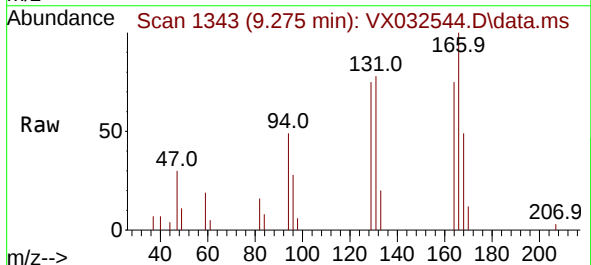
Manual Integrations
APPROVED

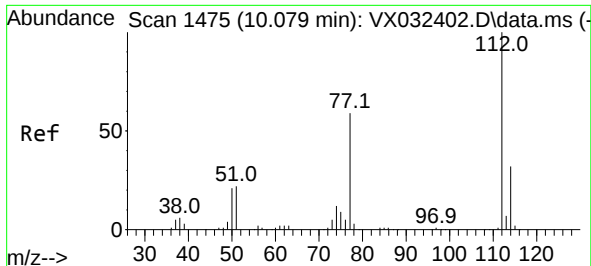
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#64
Tetrachloroethene
Concen: 2.600 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX032544.D
Acq: 02 Nov 2022 17:36

Tgt Ion:164 Resp: 2723
Ion Ratio Lower Upper
164 100
166 132.8 105.4 158.2
129 99.7 78.2 117.2
131 103.9 72.5 108.7





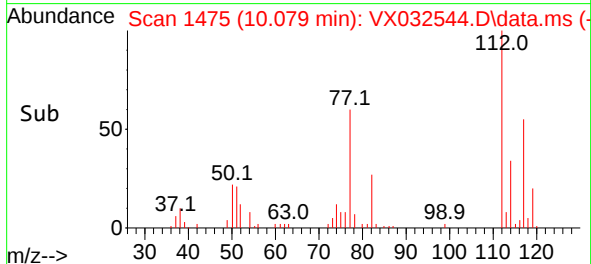
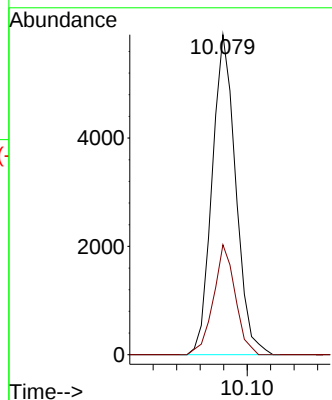
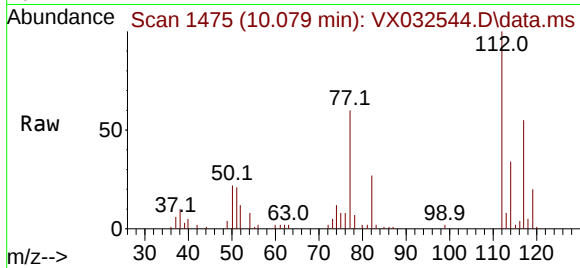
#65
Chlorobenzene
Concen: 2.572 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX032544.D
Acq: 02 Nov 2022 17:36

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2022

Tgt Ion:112 Resp: 824
Ion Ratio Lower Upper
112 100
114 34.3 25.4 38.2

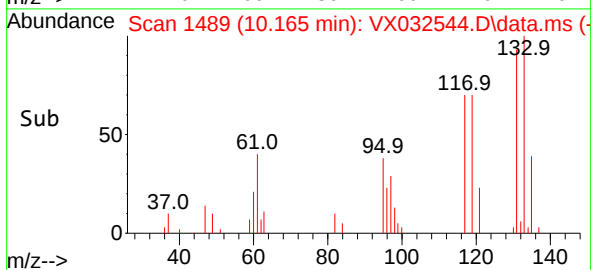
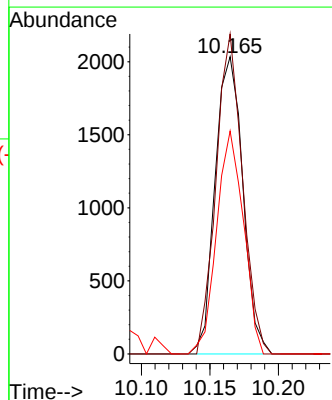
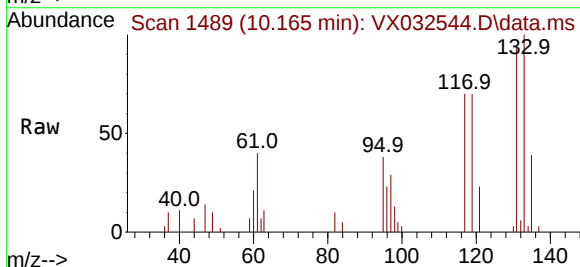
Manual Integrations
APPROVED

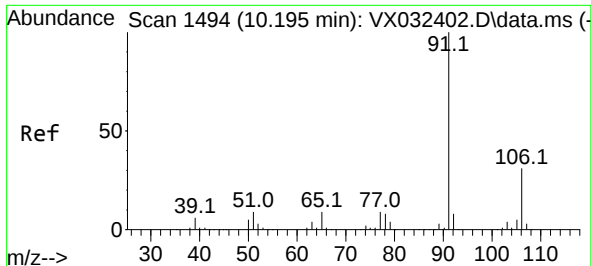
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 2.368 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX032544.D
Acq: 02 Nov 2022 17:36

Tgt Ion:131 Resp: 2857
Ion Ratio Lower Upper
131 100
133 102.8 47.6 142.9
119 72.6 32.4 97.0





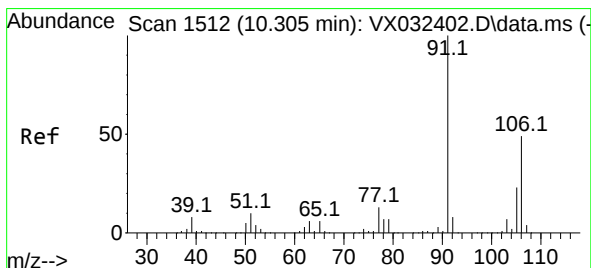
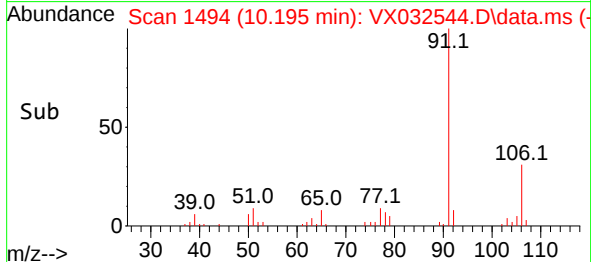
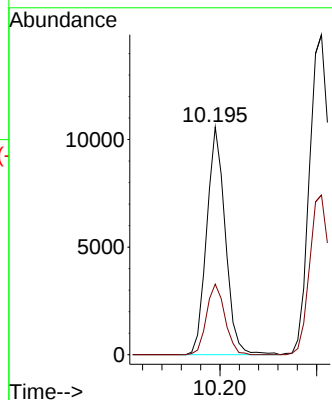
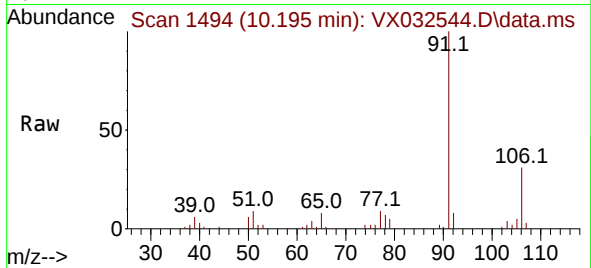
#67
Ethyl Benzene
Concen: 2.471 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX032544.D
Acq: 02 Nov 2022 17:36

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2022

Tgt Ion: 91 Resp: 1416
Ion Ratio Lower Upper
91 100
106 31.0 25.0 37.6

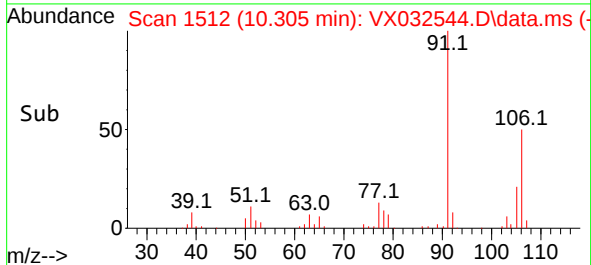
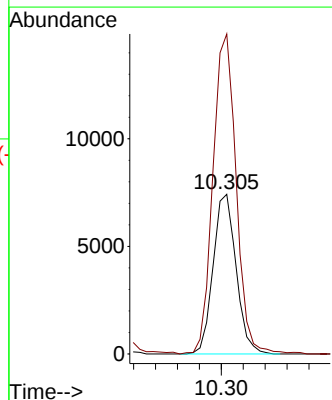
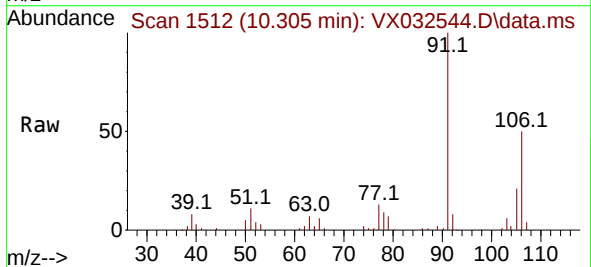
Manual Integrations
APPROVED

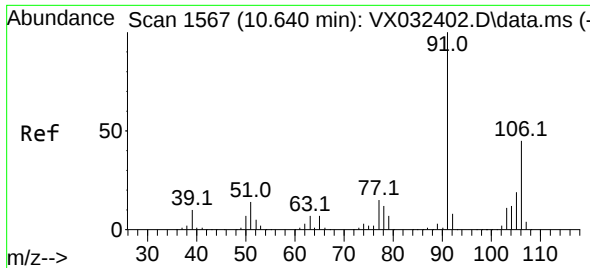
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#68
m/p-Xylenes
Concen: 4.854 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX032544.D
Acq: 02 Nov 2022 17:36

Tgt Ion:106 Resp: 10804
Ion Ratio Lower Upper
106 100
91 202.9 164.5 246.7





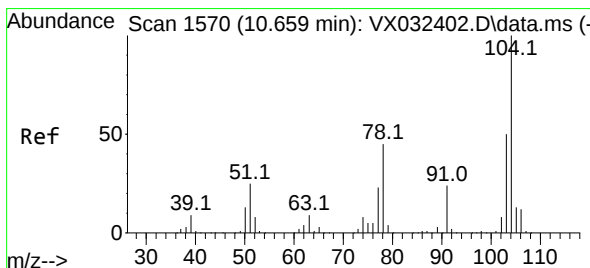
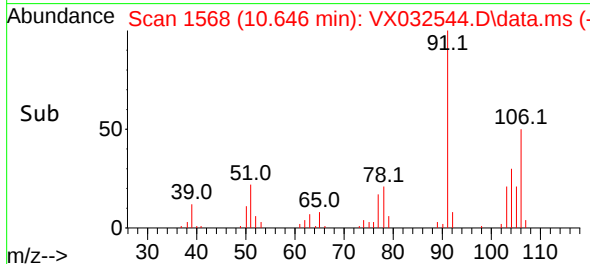
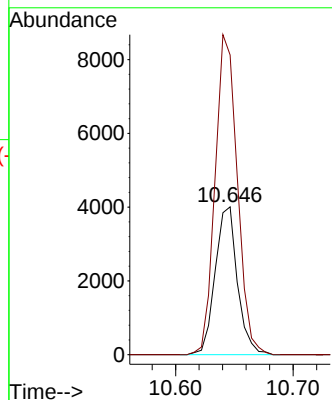
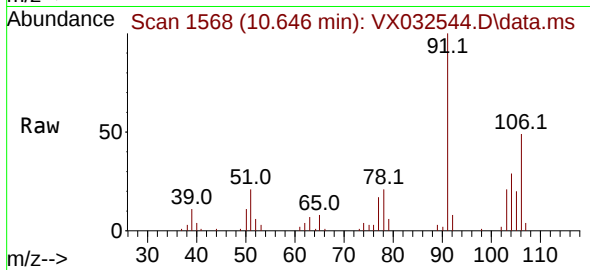
#69
o-Xylene
Concen: 2.437 ug/l
RT: 10.646 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VX032544.D
Acq: 02 Nov 2022 17:36

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2022

Tgt Ion:106 Resp: 5274
Ion Ratio Lower Upper
106 100
91 216.2 109.2 327.6

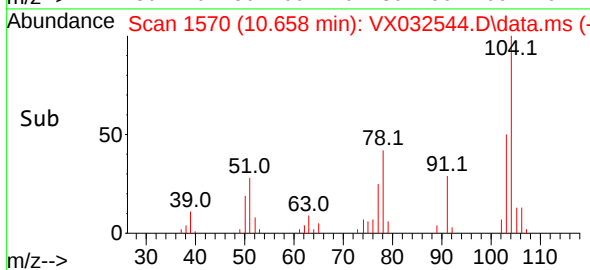
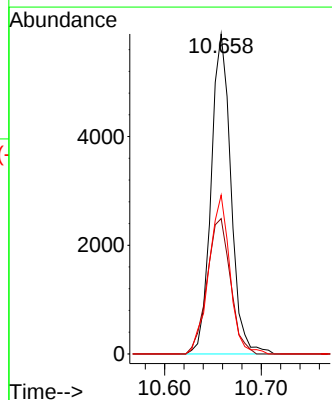
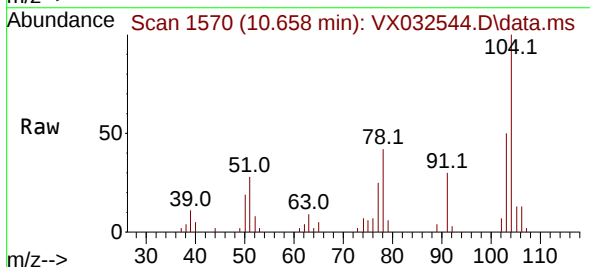
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#70
Styrene
Concen: 2.333 ug/l
RT: 10.658 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX032544.D
Acq: 02 Nov 2022 17:36

Tgt Ion:104 Resp: 8390
Ion Ratio Lower Upper
104 100
78 49.9 41.8 62.8
103 52.7 44.5 66.7





#71

Bromoform

Concen: 2.218 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX032544.D

Acq: 02 Nov 2022 17:36

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2022

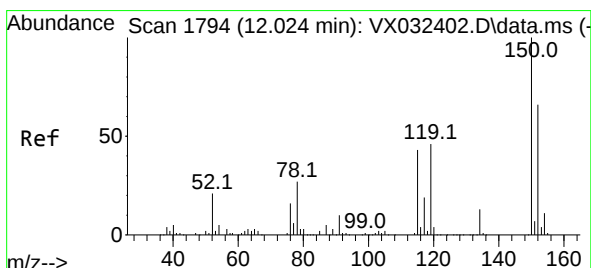
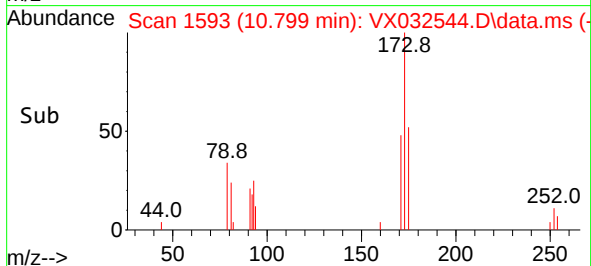
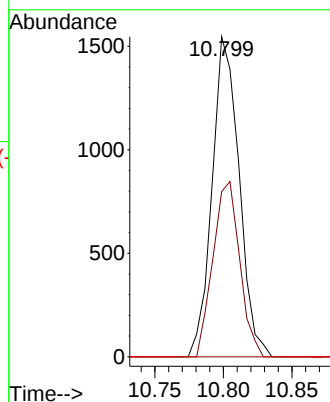
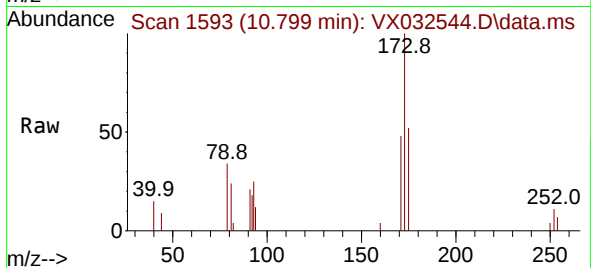
Tgt Ion:173 Resp: 2110
 Ion Ratio Lower Upper
 173 100
 175 54.2 23.9 71.8
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/03/2022

Supervised By :Mahesh Dadoda 11/03/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

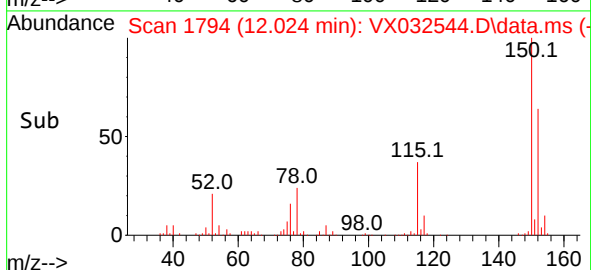
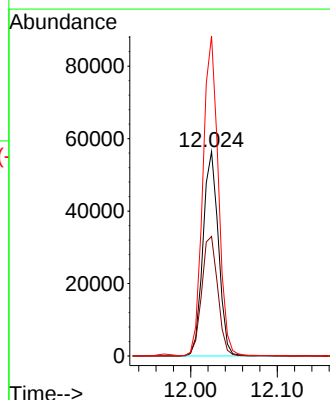
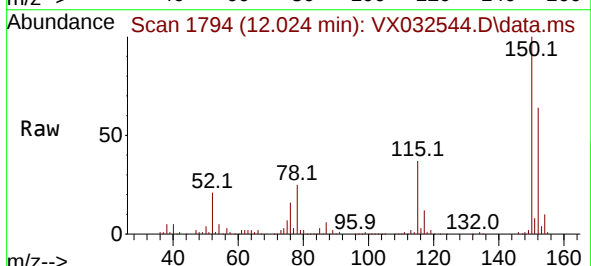
RT: 12.024 min Scan# 1794

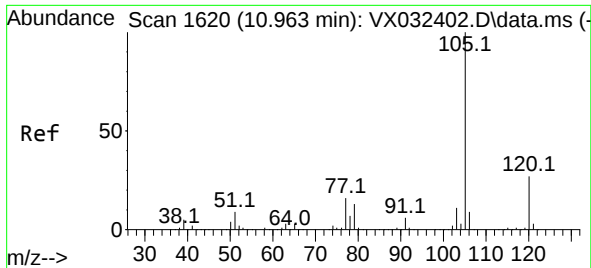
Delta R.T. -0.000 min

Lab File: VX032544.D

Acq: 02 Nov 2022 17:36

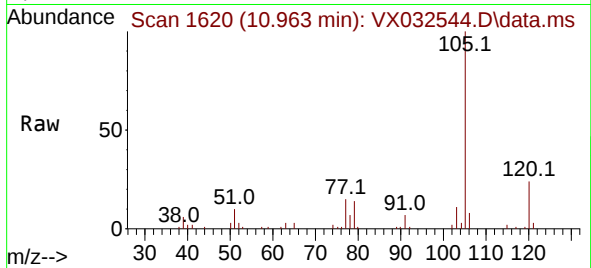
Tgt Ion:152 Resp: 69629
 Ion Ratio Lower Upper
 152 100
 115 61.1 44.0 132.0
 150 156.7 0.0 351.8





#73
Isopropylbenzene
Concen: 2.474 ug/l
RT: 10.963 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VX032544.D
Acq: 02 Nov 2022 17:36

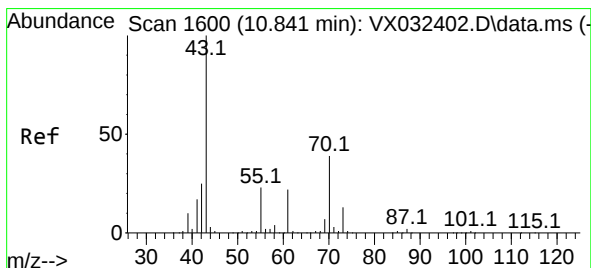
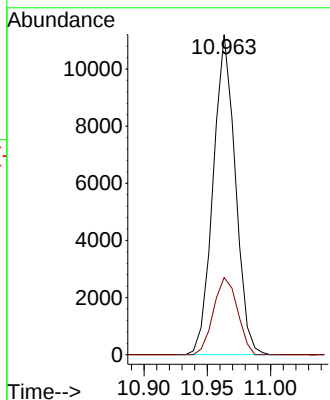
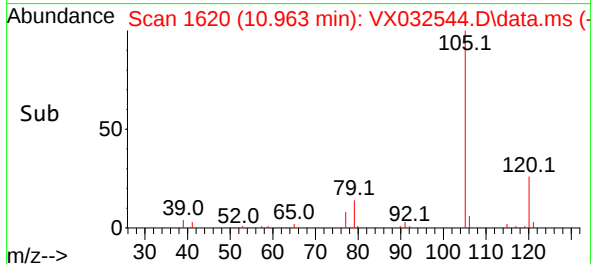
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2022



Tgt Ion:105 Resp: 1365
Ion Ratio Lower Upper
105 100
120 26.0 13.1 39.3

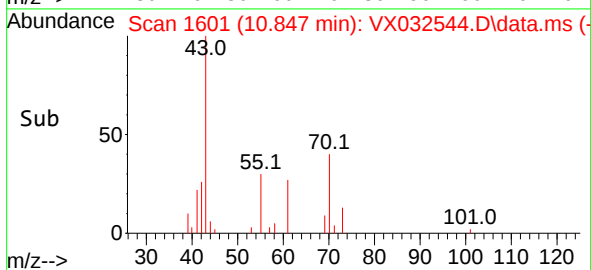
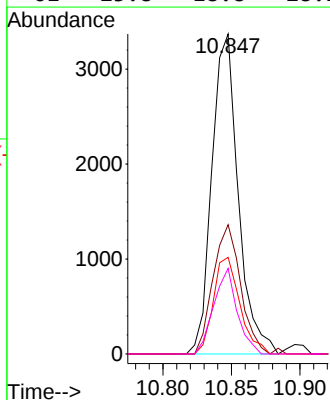
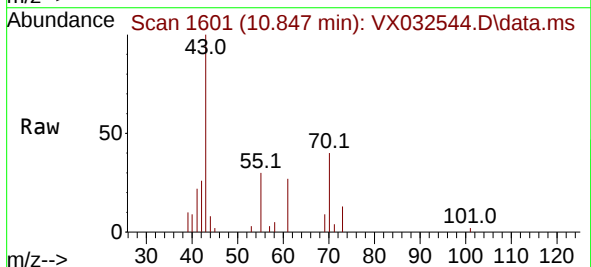
Manual Integrations
APPROVED

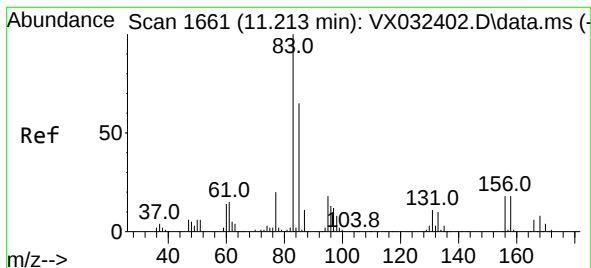
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#74
N-ethyl acetate
Concen: 2.165 ug/l
RT: 10.847 min Scan# 1601
Delta R.T. 0.006 min
Lab File: VX032544.D
Acq: 02 Nov 2022 17:36

Tgt Ion: 43 Resp: 4513
Ion Ratio Lower Upper
43 100
70 42.5 33.6 50.4
55 30.4 19.4 29.2#
61 23.8 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 2.735 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. -0.000 min

Lab File: VX032544.D

Acq: 02 Nov 2022 17:36

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2022

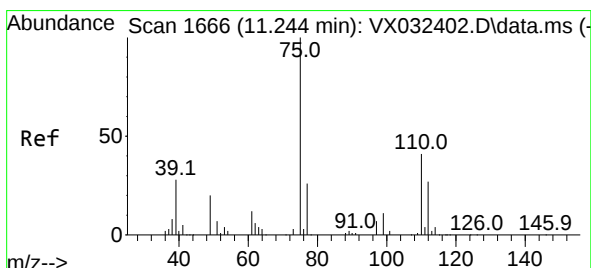
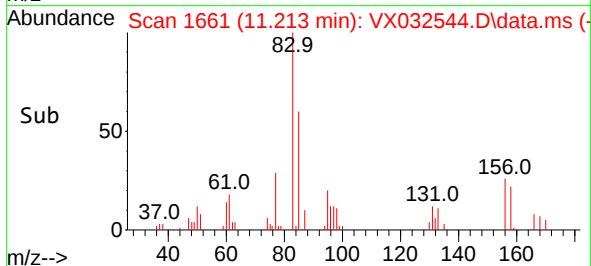
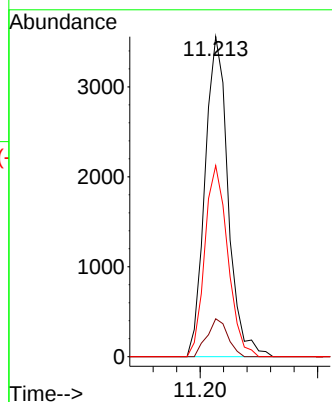
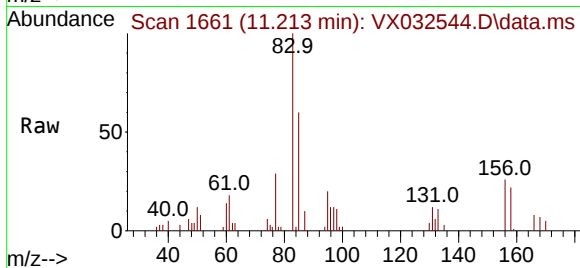
Tgt Ion: 83	Resp: 484
Ion Ratio	Lower Upper
83 100	
131 10.6	5.4 16.2
85 59.4	31.9 95.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/03/2022

Supervised By :Mahesh Dadoda 11/03/2022



#76

1,2,3-Trichloropropane

Concen: 2.616 ug/l m

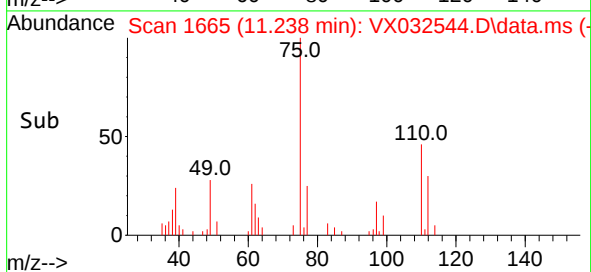
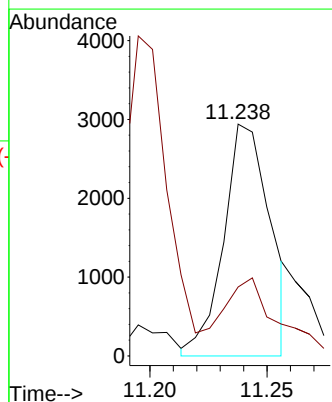
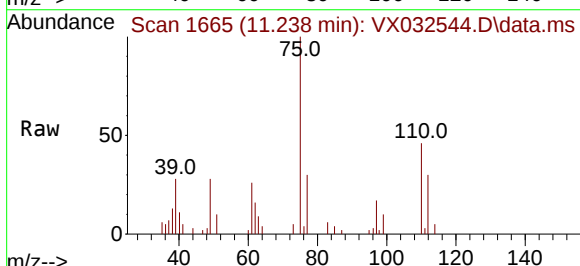
RT: 11.238 min Scan# 1665

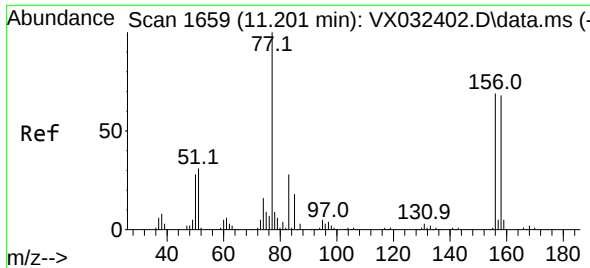
Delta R.T. -0.006 min

Lab File: VX032544.D

Acq: 02 Nov 2022 17:36

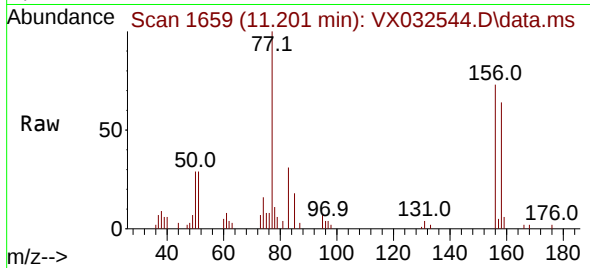
Tgt Ion: 75	Resp: 4052
Ion Ratio	Lower Upper
75 100	
77 38.4	20.0 60.0





#77
Bromobenzene
Concen: 2.661 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. -0.000 min
Lab File: VX032544.D
Acq: 02 Nov 2022 17:36

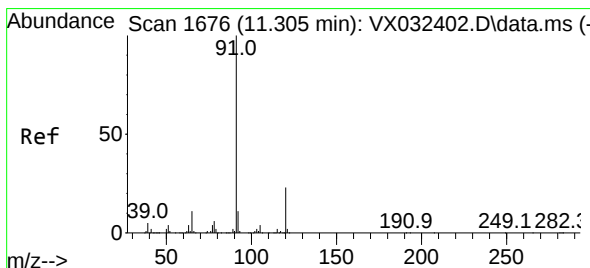
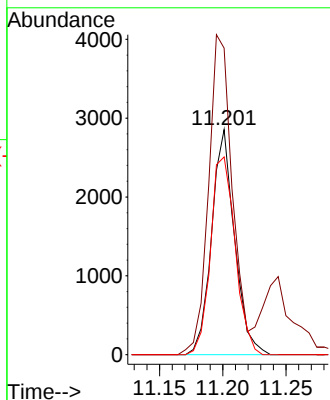
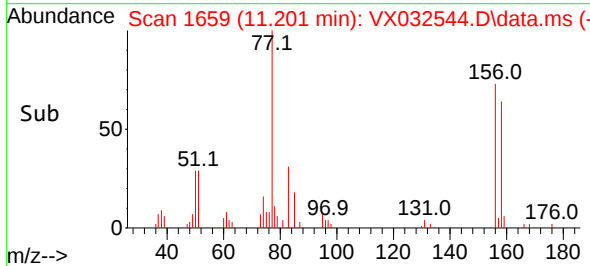
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2022



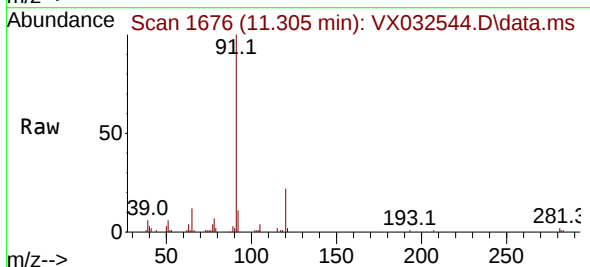
Tgt Ion:156 Resp: 3600
Ion Ratio Lower Upper
156 100
77 149.9 76.1 228.4
158 94.3 48.8 146.3

Manual Integrations
APPROVED

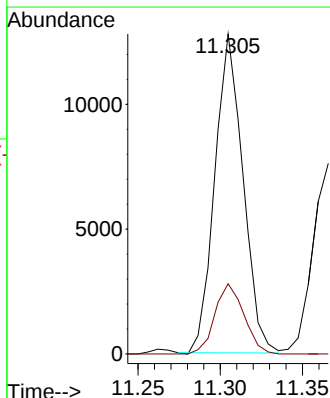
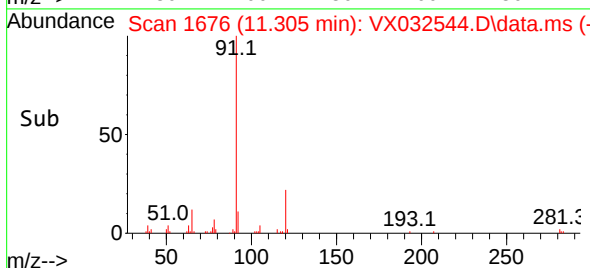
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022

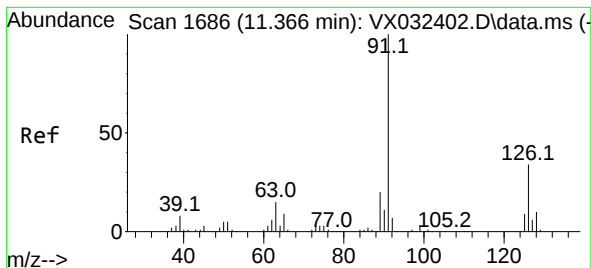


#78
n-propylbenzene
Concen: 2.394 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX032544.D
Acq: 02 Nov 2022 17:36



Tgt Ion: 91 Resp: 15216
Ion Ratio Lower Upper
91 100
120 22.7 11.6 34.8





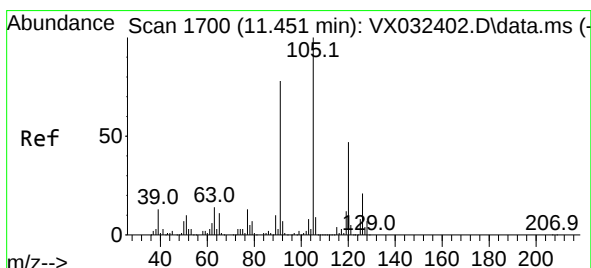
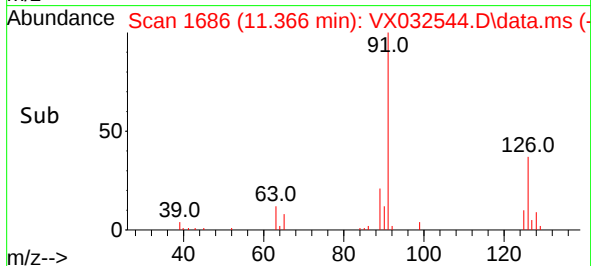
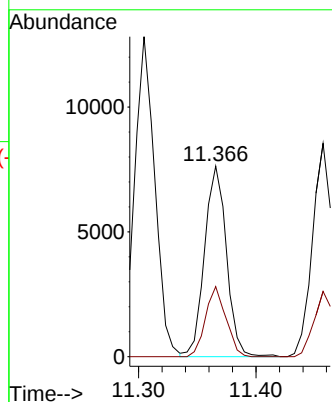
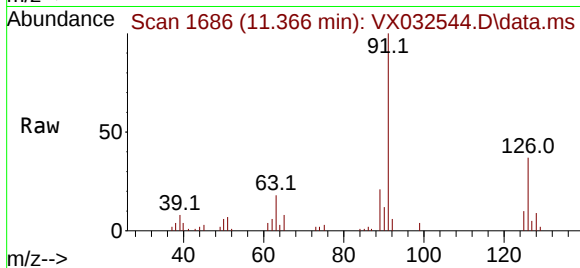
#79
2-Chlorotoluene
Concen: 2.601 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX032544.D
Acq: 02 Nov 2022 17:36

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2022

Tgt Ion: 91 Resp: 9904
Ion Ratio Lower Upper
91 100
126 34.3 17.1 51.2

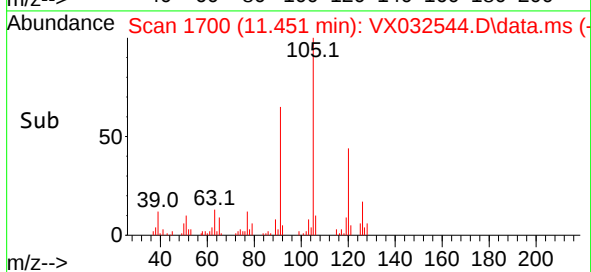
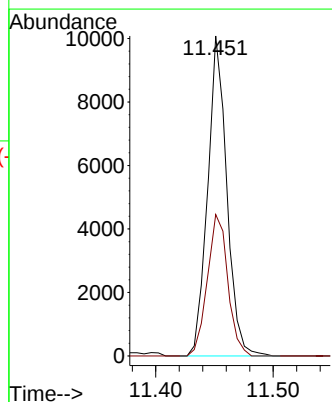
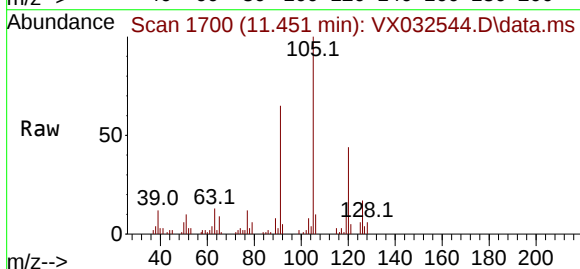
Manual Integrations
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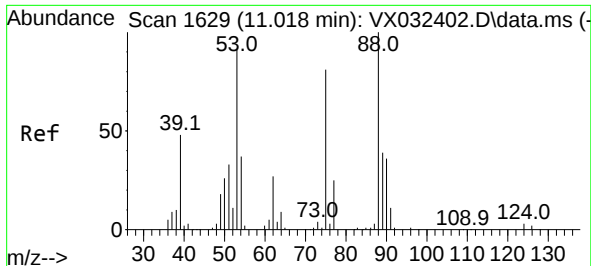
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#80
1,3,5-Trimethylbenzene
Concen: 2.419 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX032544.D
Acq: 02 Nov 2022 17:36

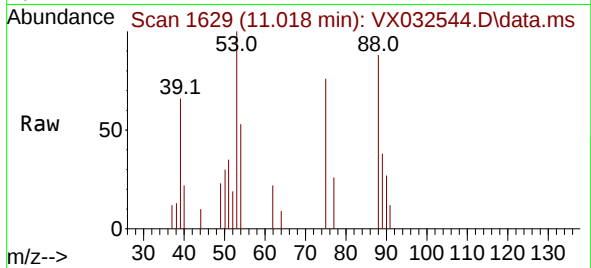
Tgt Ion:105 Resp: 11405
Ion Ratio Lower Upper
105 100
120 47.3 23.6 71.0





#81
trans-1,4-Dichloro-2-butene
Concen: 1.900 ug/l m
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX032544.D
Acq: 02 Nov 2022 17:36

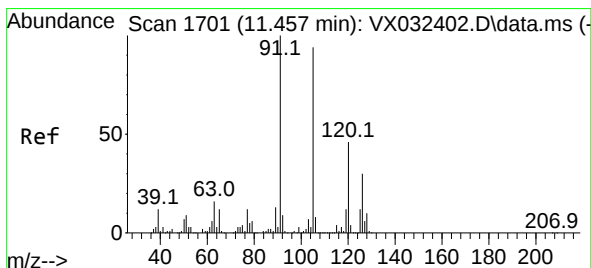
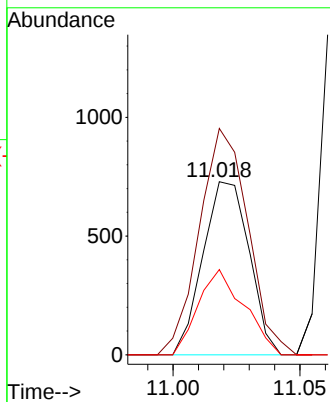
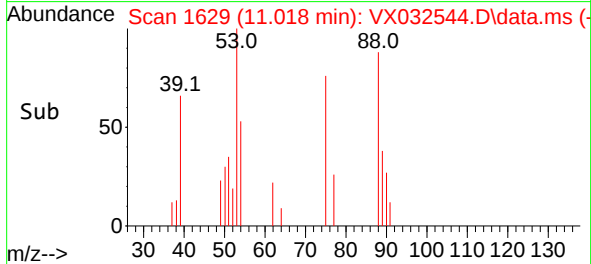
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2022



Tgt Ion: 75 Resp: 929
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3
89 0.0 38.3 57.5

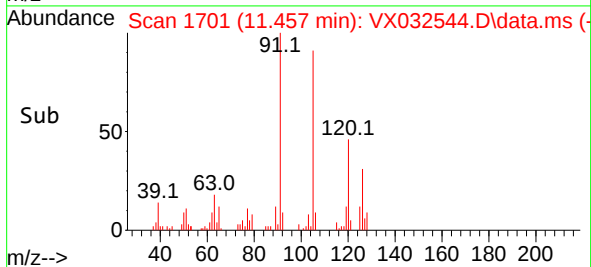
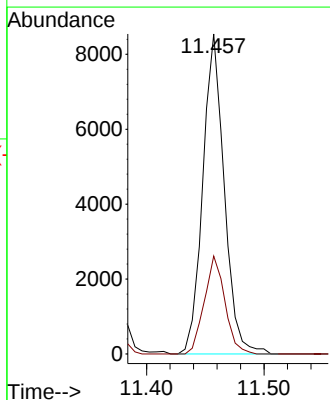
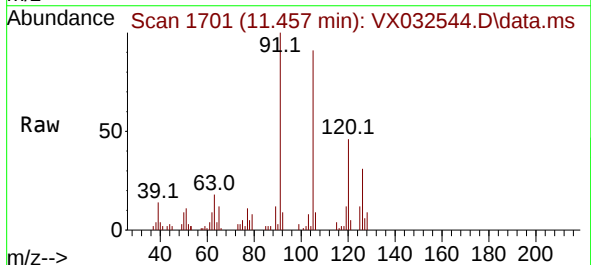
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#82
4-Chlorotoluene
Concen: 2.433 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX032544.D
Acq: 02 Nov 2022 17:36

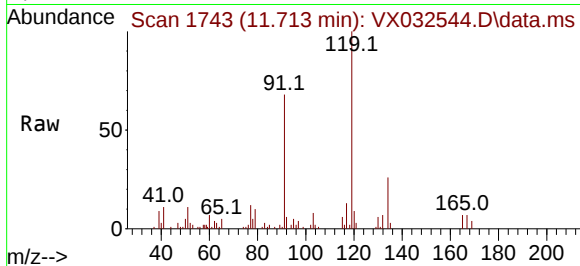
Tgt Ion: 91 Resp: 10838
Ion Ratio Lower Upper
91 100
126 29.4 14.8 44.4





#83
tert-Butylbenzene
Concen: 2.497 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX032544.D
Acq: 02 Nov 2022 17:36

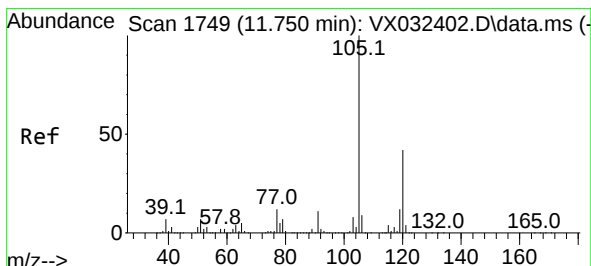
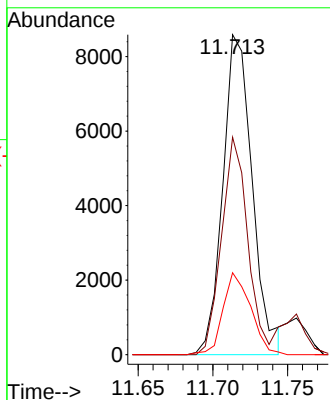
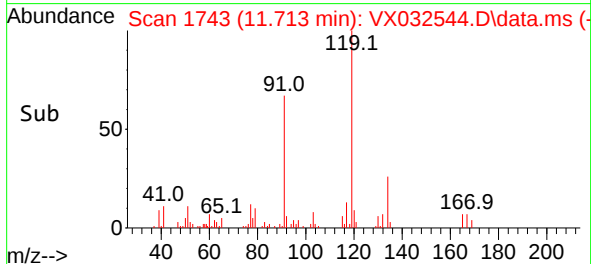
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2022



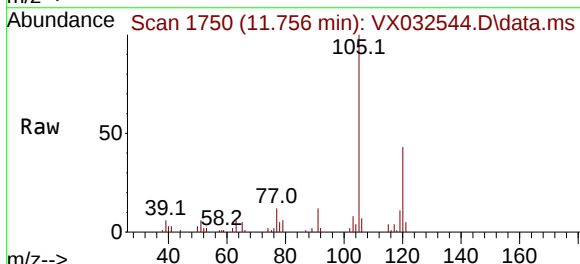
Tgt Ion:119 Resp: 11750
Ion Ratio Lower Upper
119 100
91 60.2 29.4 88.2
134 24.0 11.0 33.0

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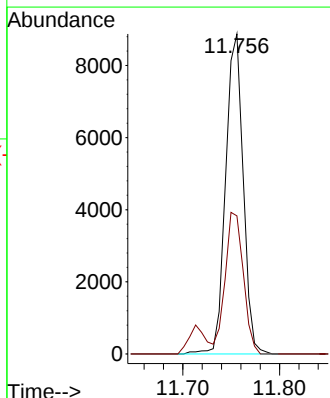
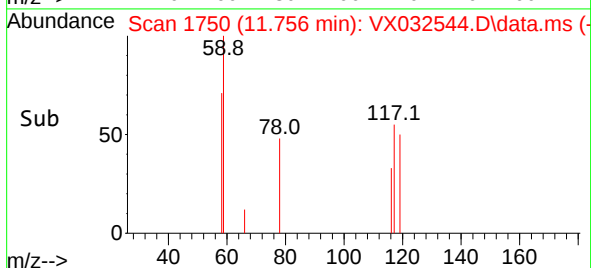
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022

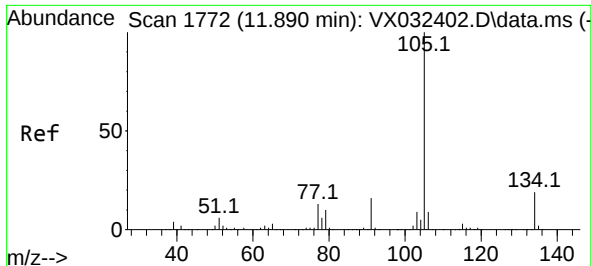


#84
1,2,4-Trimethylbenzene
Concen: 2.373 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX032544.D
Acq: 02 Nov 2022 17:36



Tgt Ion:105 Resp: 11129
Ion Ratio Lower Upper
105 100
120 45.8 21.9 65.5





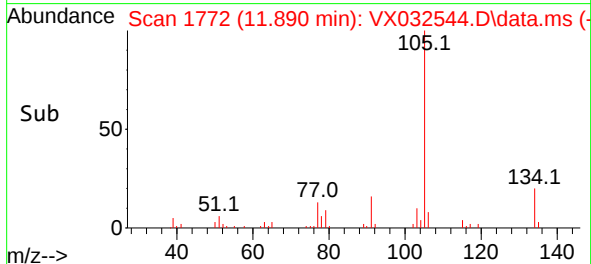
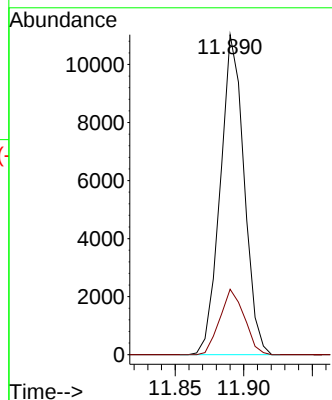
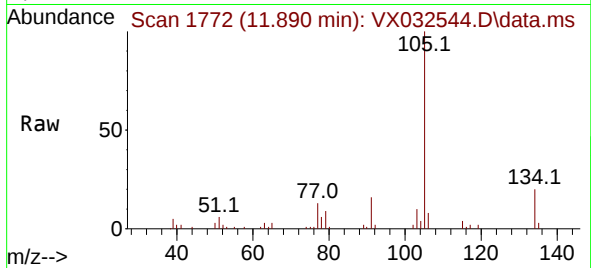
#85
 sec-Butylbenzene
 Concen: 2.347 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX032544.D
 Acq: 02 Nov 2022 17:36

Instrument : MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT4-2022

Tgt Ion:105 Resp: 1329
 Ion Ratio Lower Upper
 105 100
 134 21.0 9.9 29.7

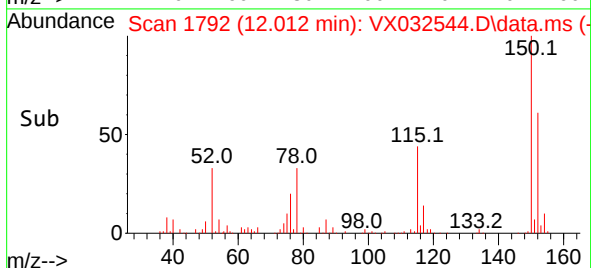
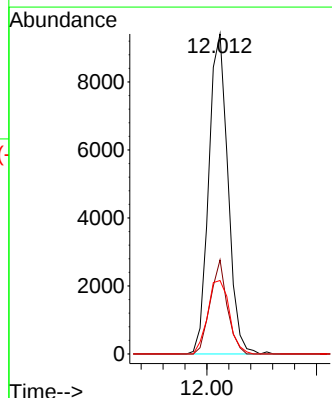
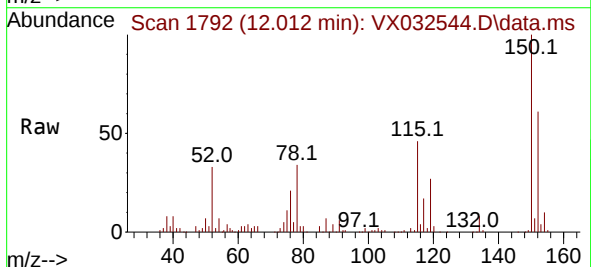
Manual Integrations
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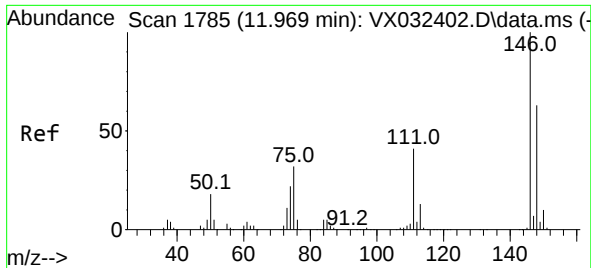
Reviewed By :John Carlone 11/03/2022
 Supervised By :Mahesh Dadoda 11/03/2022



#86
 p-Isopropyltoluene
 Concen: 2.380 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX032544.D
 Acq: 02 Nov 2022 17:36

Tgt Ion:119 Resp: 11441
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.9 38.7
 91 26.1 12.5 37.5





#87

1,3-Dichlorobenzene

Concen: 2.519 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX032544.D

Acq: 02 Nov 2022 17:36

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2022

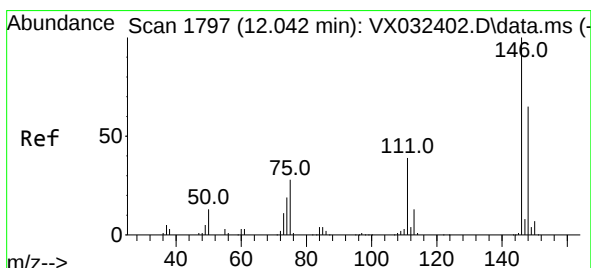
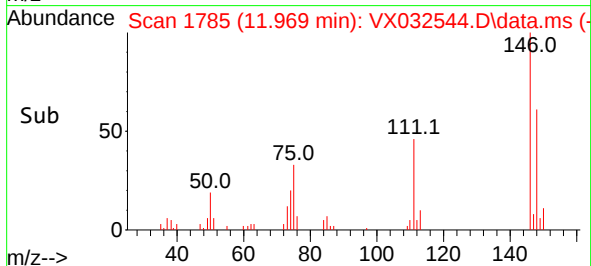
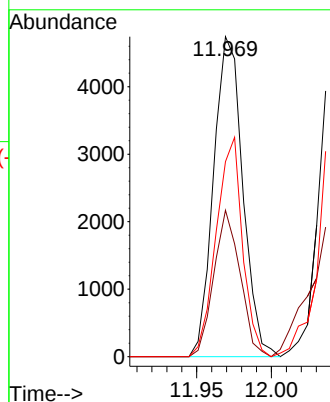
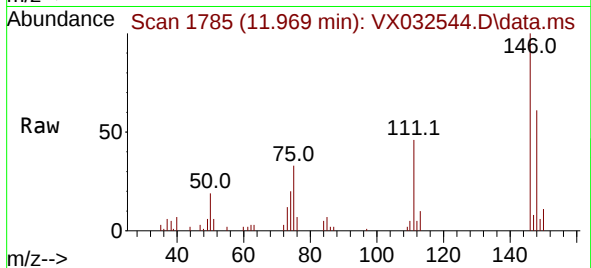
Tgt Ion:146 Resp: 6428
 Ion Ratio Lower Upper
 146 100
 111 41.2 20.6 61.8
 148 61.8 31.7 95.1

Manual Integrations

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Supervised By :Mahesh Dadoda 11/03/2022



#88

1,4-Dichlorobenzene

Concen: 2.468 ug/l

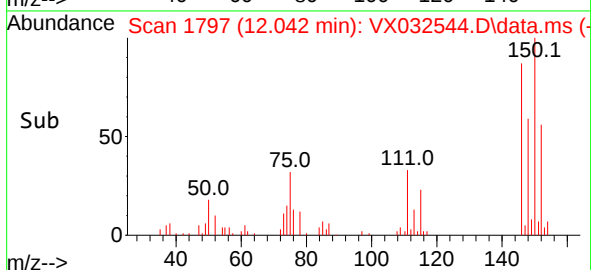
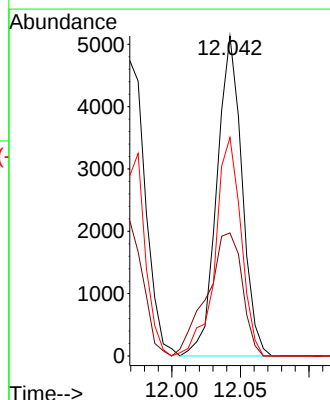
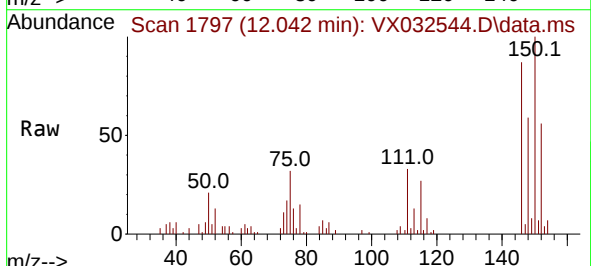
RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX032544.D

Acq: 02 Nov 2022 17:36

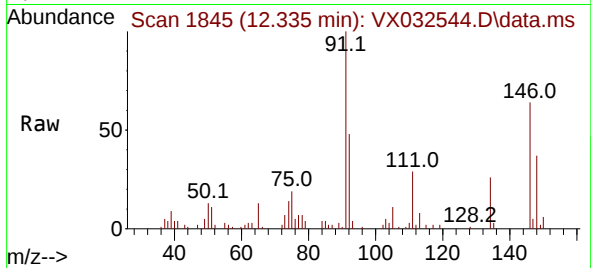
Tgt Ion:146 Resp: 6532
 Ion Ratio Lower Upper
 146 100
 111 54.0 20.5 61.6
 148 70.3 32.2 96.6





#89
n-Butylbenzene
Concen: 2.190 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX032544.D
Acq: 02 Nov 2022 17:36

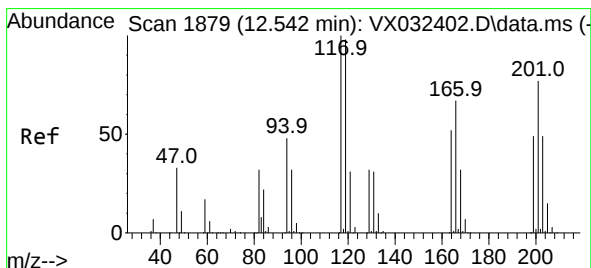
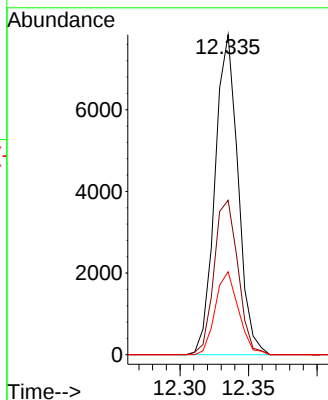
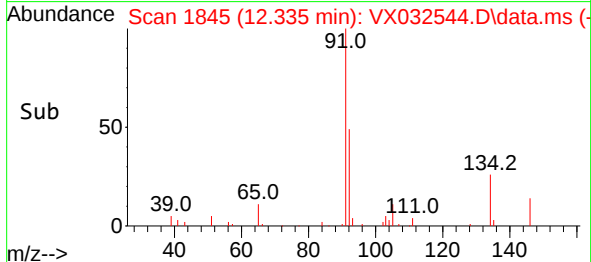
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2022



Tgt Ion: 91 Resp: 9160
Ion Ratio Lower Upper
91 100
92 50.2 26.2 78.6
134 26.1 12.9 38.6

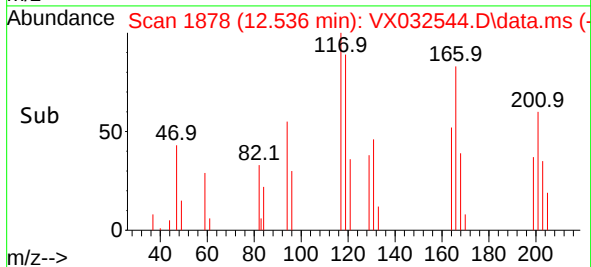
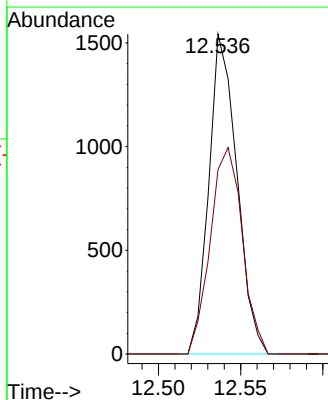
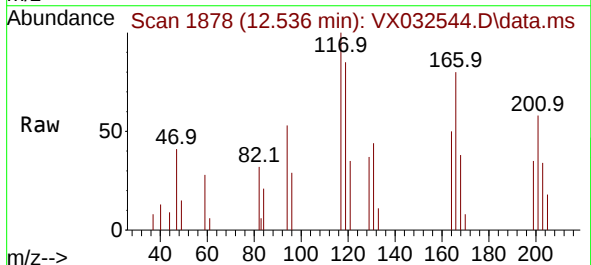
Manual Integrations
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Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#90
Hexachloroethane
Concen: 2.327 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.006 min
Lab File: VX032544.D
Acq: 02 Nov 2022 17:36

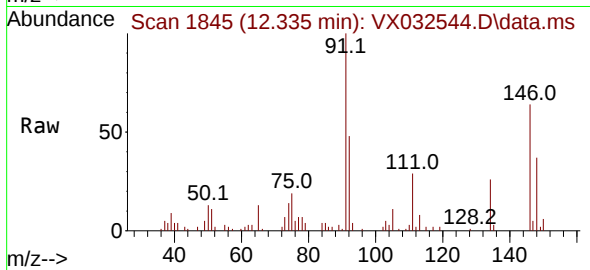
Tgt Ion:117 Resp: 1827
Ion Ratio Lower Upper
117 100
201 73.6 37.6 112.9





#91
1,2-Dichlorobenzene
Concen: 2.671 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX032544.D
Acq: 02 Nov 2022 17:36

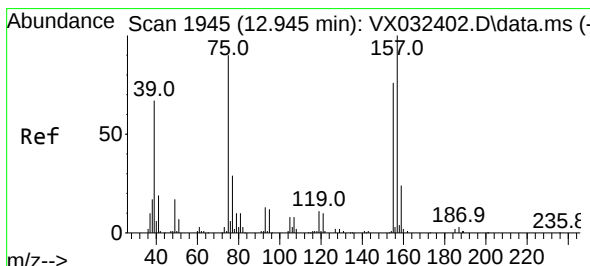
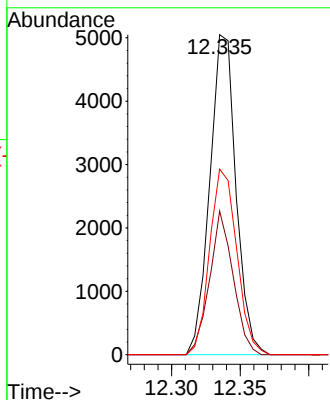
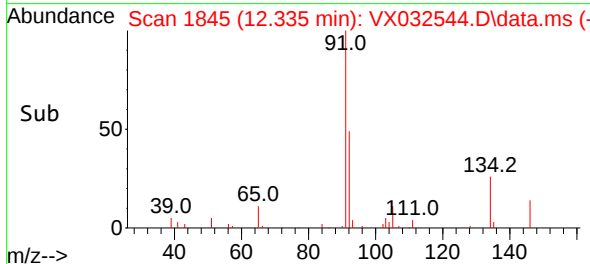
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2022



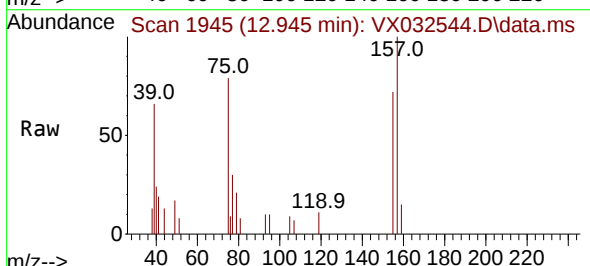
Tgt Ion:146 Resp: 6719
Ion Ratio Lower Upper
146 100
111 40.4 21.5 64.5
148 60.1 32.0 96.2

Manual Integrations
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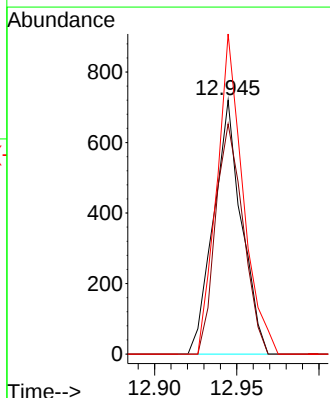
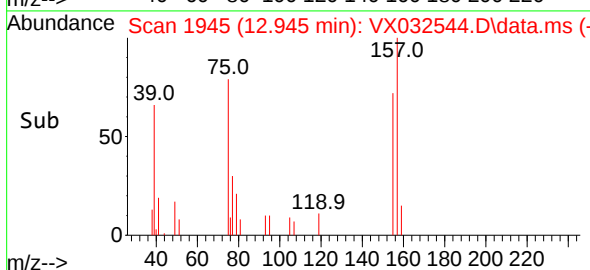
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 2.194 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX032544.D
Acq: 02 Nov 2022 17:36



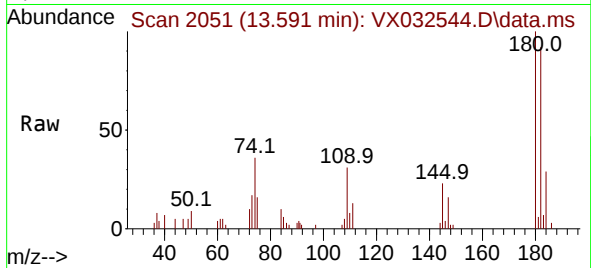
Tgt Ion: 75 Resp: 852
Ion Ratio Lower Upper
75 100
155 89.2 41.6 124.8
157 118.4 54.1 162.4





#93
1,2,4-Trichlorobenzene
Concen: 2.130 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX032544.D
Acq: 02 Nov 2022 17:36

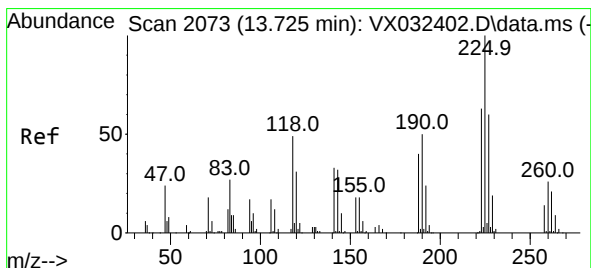
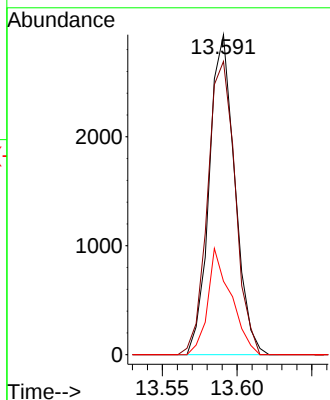
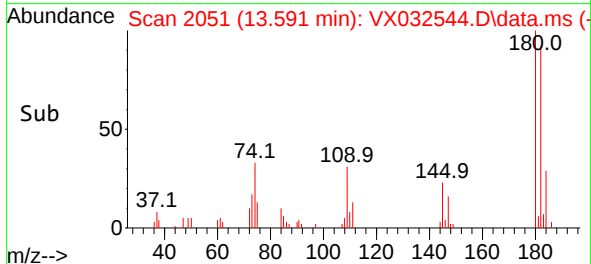
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2022



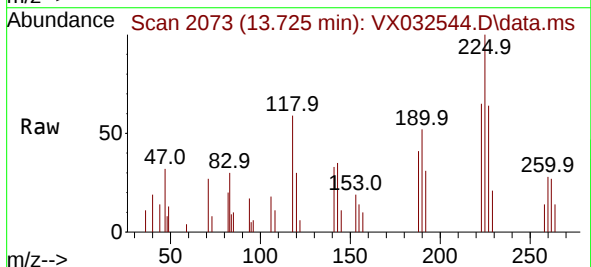
Tgt Ion:180 Resp: 3494
Ion Ratio Lower Upper
180 100
182 98.8 48.4 145.0
145 30.3 16.2 48.5

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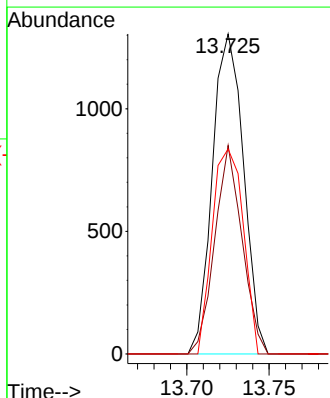
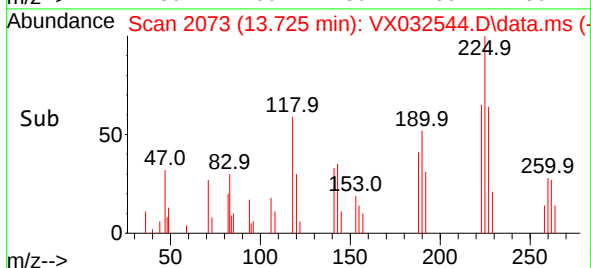
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022

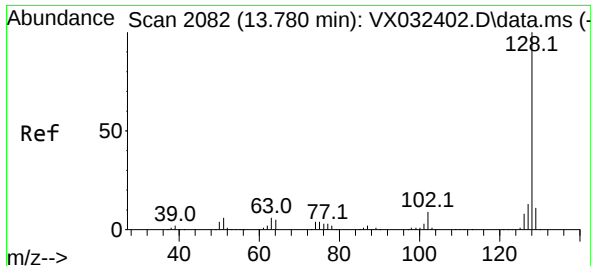


#94
Hexachlorobutadiene
Concen: 2.509 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX032544.D
Acq: 02 Nov 2022 17:36



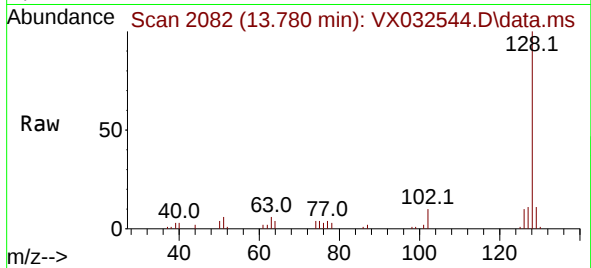
Tgt Ion:225 Resp: 1719
Ion Ratio Lower Upper
225 100
223 57.1 31.9 95.9
227 63.5 31.9 95.5





#95
Naphthalene
Concen: 2.295 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX032544.D
Acq: 02 Nov 2022 17:36

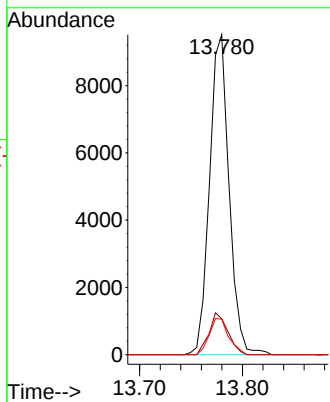
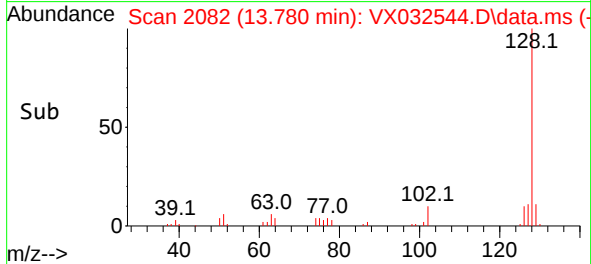
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2022



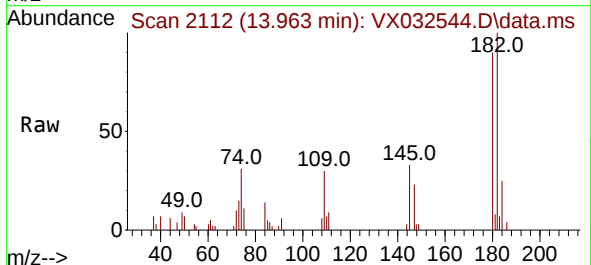
Tgt Ion:128 Resp: 1254
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.4
129 11.3 8.9 13.3

Manual Integrations
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Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#96
1,2,3-Trichlorobenzene
Concen: 2.306 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX032544.D
Acq: 02 Nov 2022 17:36



Tgt Ion:180 Resp: 3846
Ion Ratio Lower Upper
180 100
182 100.3 47.5 142.6
145 36.5 16.9 50.6

