

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110222\
 Data File : VX032542.D
 Acq On : 02 Nov 2022 16:50
 Operator : JC/MD
 Sample : N4955-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Nov 03 04:02:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 03 04:02:03 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	5.550	168	98192	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	157116	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	139088	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	65336	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	72484	53.127	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.260%			
35) Dibromofluoromethane	5.385	113	58560	52.252	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.500%			
50) Toluene-d8	8.653	98	197856	50.771	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.540%			
62) 4-Bromofluorobenzene	11.079	95	72537	47.651	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.300%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	433	0.382	ug/l #	69
3) Chloromethane	1.295	50	477	0.498	ug/l #	73
4) Vinyl Chloride	1.374	62	343	0.325	ug/l #	56
5) Bromomethane	1.605	94	457	0.543	ug/l	90
6) Chloroethane	1.691	64	309	0.437	ug/l #	42
7) Trichlorofluoromethane	1.892	101	835	0.418	ug/l	96
8) Diethyl Ether	2.136	74	273	0.422	ug/l	55
9) 1,1,2-Trichlorotrifluo...	2.331	101	447	0.424	ug/l	99
10) Methyl Iodide	2.453	142	389	0.355	ug/l #	68
11) Tert butyl alcohol	2.947	59	1062	5.348	ug/l #	72
12) 1,1-Dichloroethene	2.319	96	406	0.412	ug/l #	63
13) Acrolein	2.239	56	420	2.119	ug/l	84
14) Allyl chloride	2.666	41	716	0.456	ug/l	94
15) Acrylonitrile	3.075	53	1127	2.091	ug/l #	91
16) Acetone	2.380	43	1268	2.557	ug/l #	88
17) Carbon Disulfide	2.514	76	908	0.387	ug/l #	74
18) Methyl Acetate	2.703	43	699	0.433	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	1338	0.387	ug/l #	87
20) Methylene Chloride	2.794	84	1177	1.035	ug/l #	75
21) trans-1,2-Dichloroethene	3.093	96	463	0.432	ug/l	87
22) Diisopropyl ether	3.770	45	1329	0.391	ug/l #	76
23) Vinyl Acetate	3.727	43	4858	1.771	ug/l #	94
24) 1,1-Dichloroethane	3.611	63	801	0.410	ug/l #	82
25) 2-Butanone	4.574	43	1778	2.314	ug/l #	85
26) 2,2-Dichloropropane	4.489	77	594	0.383	ug/l #	66
27) cis-1,2-Dichloroethene	4.501	96	455	0.367	ug/l	89
28) Bromochloromethane	4.904	49	347	0.499	ug/l #	58
29) Tetrahydrofuran	5.026	42	979	1.998	ug/l #	83
30) Chloroform	5.105	83	1031	0.481	ug/l #	82
31) Cyclohexane	5.464	56	559	0.338	ug/l #	67
32) 1,1,1-Trichloroethane	5.379	97	863	0.449	ug/l #	31
36) 1,1-Dichloropropene	5.696	75	626	0.401	ug/l #	76
37) Ethyl Acetate	4.745	43	605m	0.372	ug/l	
38) Carbon Tetrachloride	5.684	117	774	0.447	ug/l #	78
39) Methylcyclohexane	7.379	83	664	0.360	ug/l #	77
40) Benzene	6.044	78	2035	0.461	ug/l #	85

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.940	41	247	0.298	ug/l #	48
42) 1,2-Dichloroethane	6.086	62	871	0.482	ug/l #	77
43) Isopropyl Acetate	6.348	43	986	0.395	ug/l #	64
44) Trichloroethene	7.129	130	570	0.458	ug/l	79
45) 1,2-Dichloropropane	7.434	63	458	0.404	ug/l #	88
46) Dibromomethane	7.592	93	329	0.378	ug/l	95
47) Bromodichloromethane	7.830	83	686	0.416	ug/l #	88
48) Methyl methacrylate	7.708	41	410	0.318	ug/l #	66
49) 1,4-Dioxane	7.696	88	103m	4.196	ug/l	
51) 4-Methyl-2-Pentanone	8.580	43	3033	1.931	ug/l	96
52) Toluene	8.726	92	1294	0.449	ug/l	93
53) t-1,3-Dichloropropene	8.994	75	400	0.238	ug/l #	86
54) cis-1,3-Dichloropropene	8.372	75	579	0.322	ug/l #	83
55) 1,1,2-Trichloroethane	9.153	97	556	0.458	ug/l #	79
56) Ethyl methacrylate	9.122	69	579	0.332	ug/l	92
57) 1,3-Dichloropropane	9.317	76	734	0.375	ug/l	94
58) 2-Chloroethyl Vinyl ether	8.251	63	1551	1.845	ug/l #	89
59) 2-Hexanone	9.445	43	2094	1.796	ug/l	92
60) Dibromochloromethane	9.525	129	471	0.355	ug/l	99
61) 1,2-Dibromoethane	9.616	107	581	0.452	ug/l	87
64) Tetrachloroethene	9.275	164	471	0.463	ug/l #	72
65) Chlorobenzene	10.079	112	1338	0.429	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.165	131	489	0.417	ug/l #	63
67) Ethyl Benzene	10.195	91	2792	0.501	ug/l #	88
68) m/p-Xylenes	10.305	106	2217	1.025	ug/l	98
69) o-Xylene	10.646	106	848	0.403	ug/l	96
70) Styrene	10.659	104	1217	0.348	ug/l #	89
71) Bromoform	10.805	173	335	0.361	ug/l #	80
73) Isopropylbenzene	10.963	105	2194	0.424	ug/l	97
74) N-amyl acetate	10.848	43	718	0.367	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	11.213	83	651	0.392	ug/l	86
76) 1,2,3-Trichloropropane	11.238	75	633m	0.435	ug/l	
77) Bromobenzene	11.201	156	505	0.398	ug/l	97
78) n-propylbenzene	11.305	91	2569	0.431	ug/l	99
79) 2-Chlorotoluene	11.366	91	1565	0.438	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	1727	0.390	ug/l	89
82) 4-Chlorotoluene	11.457	91	1667	0.399	ug/l	95
83) tert-Butylbenzene	11.719	119	1854	0.420	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	2037	0.463	ug/l	98
85) sec-Butylbenzene	11.890	105	2043	0.384	ug/l	99
86) p-Isopropyltoluene	12.012	119	1726	0.383	ug/l #	80
87) 1,3-Dichlorobenzene	11.969	146	925	0.386	ug/l	92
88) 1,4-Dichlorobenzene	12.043	146	1097m	0.442	ug/l	
89) n-Butylbenzene	12.335	91	1299	0.331	ug/l	97
90) Hexachloroethane	12.536	117	320	0.434	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	1010	0.428	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	584	0.379	ug/l	98
94) Hexachlorobutadiene	13.725	225	283	0.440	ug/l	94
95) Naphthalene	13.780	128	2168	0.423	ug/l	97
96) 1,2,3-Trichlorobenzene	13.969	180	611	0.390	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

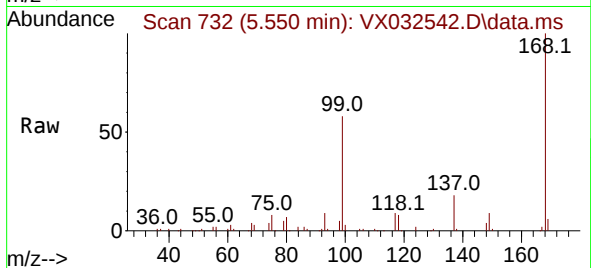
Manual Integrations
APPROVED

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032542.D
Acq: 02 Nov 2022 16:50

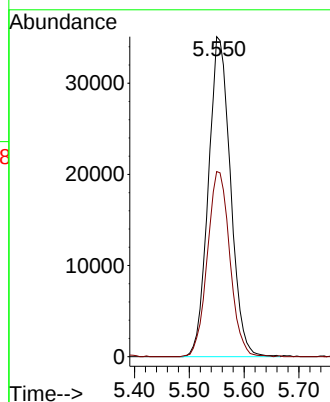
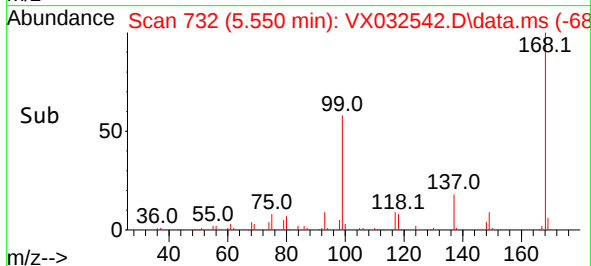
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2022



Tgt Ion:168 Resp: 98192
Ion Ratio Lower Upper
168 100
99 57.9 46.1 69.1

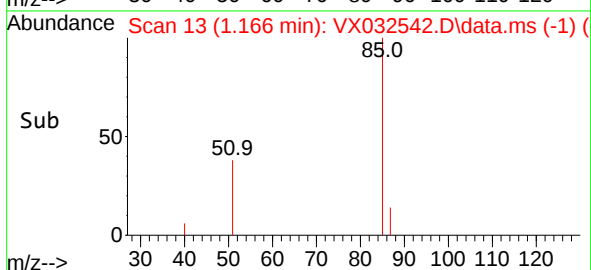
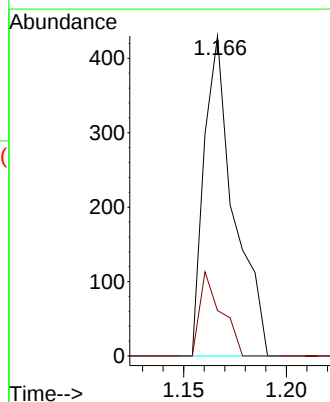
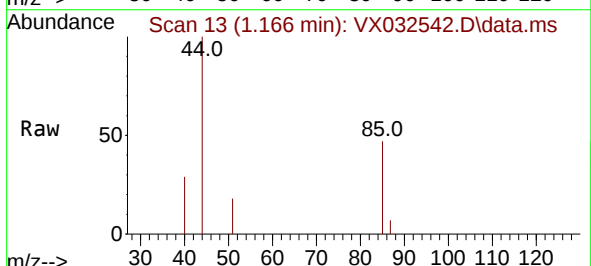
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APPROVED

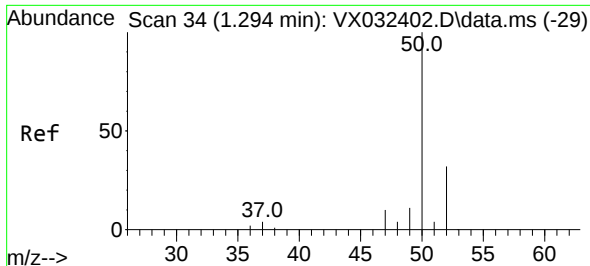
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#2
Dichlorodifluoromethane
Concen: 0.382 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX032542.D
Acq: 02 Nov 2022 16:50

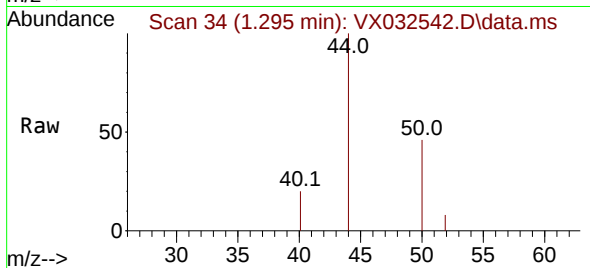
Tgt Ion: 85 Resp: 433
Ion Ratio Lower Upper
85 100
87 14.2 15.6 46.7#





#3
Chloromethane
Concen: 0.498 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX032542.D
Acq: 02 Nov 2022 16:50

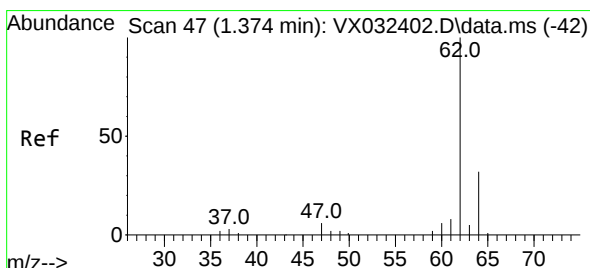
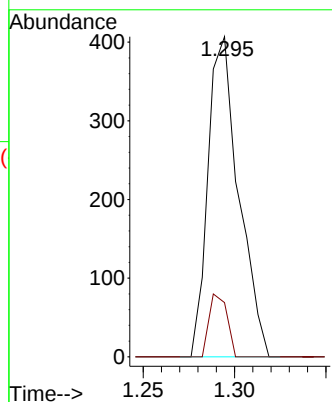
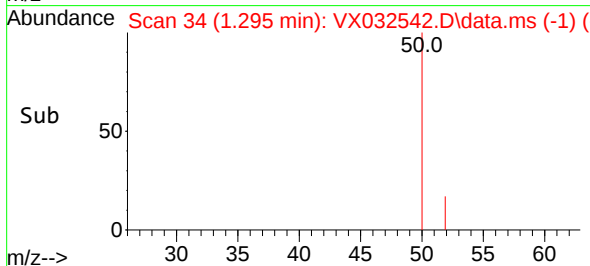
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2022



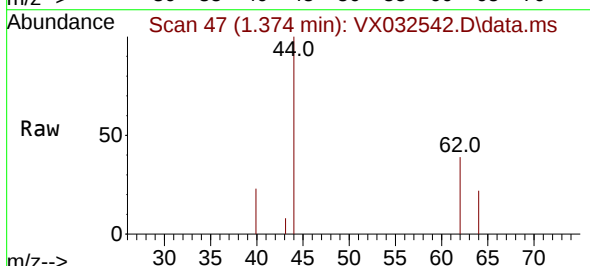
Tgt Ion: 50 Resp: 47
Ion Ratio Lower Upper
50 100
52 17.0 25.4 38.2

Manual Integrations
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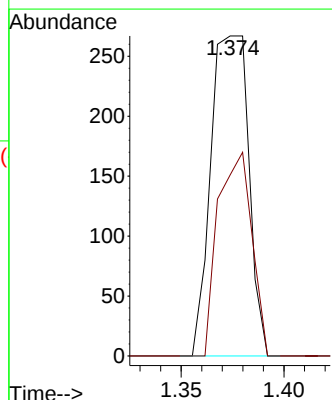
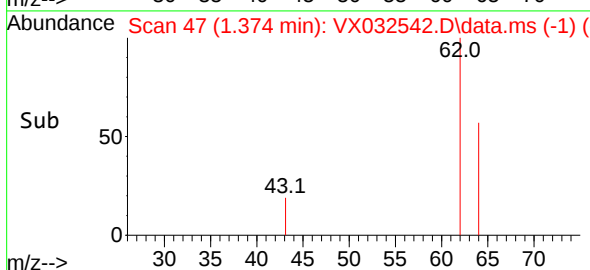
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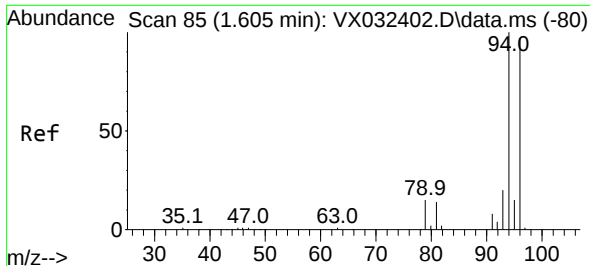


#4
Vinyl Chloride
Concen: 0.325 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX032542.D
Acq: 02 Nov 2022 16:50



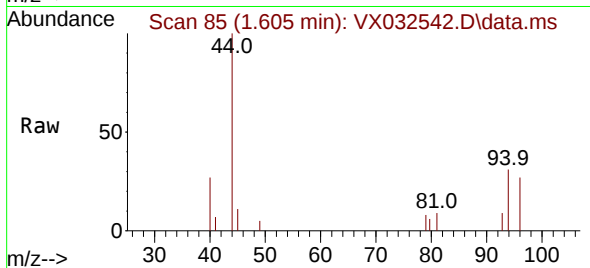
Tgt Ion: 62 Resp: 343
Ion Ratio Lower Upper
62 100
64 56.6 25.8 38.6





#5
Bromomethane
Concen: 0.543 ug/l
RT: 1.605 min Scan# 85
Delta R.T. 0.000 min
Lab File: VX032542.D
Acq: 02 Nov 2022 16:50

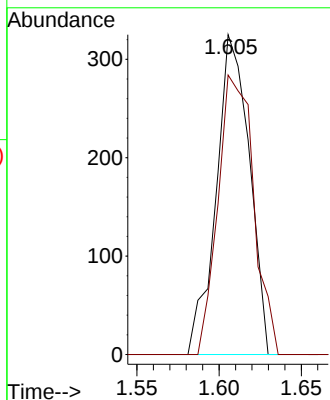
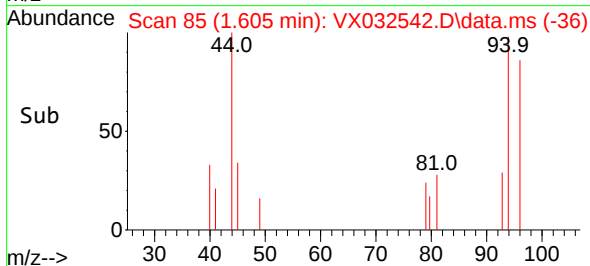
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2022



Tgt Ion: 94 Resp: 45
Ion Ratio Lower Upper
94 100
96 87.4 77.6 116.4

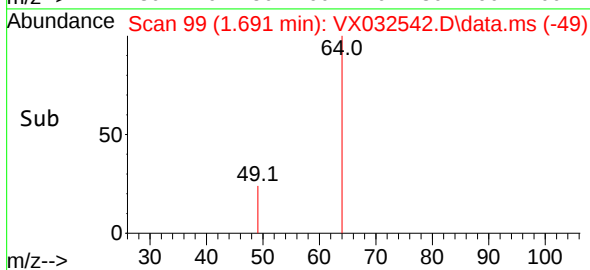
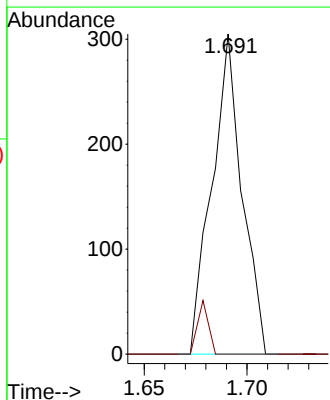
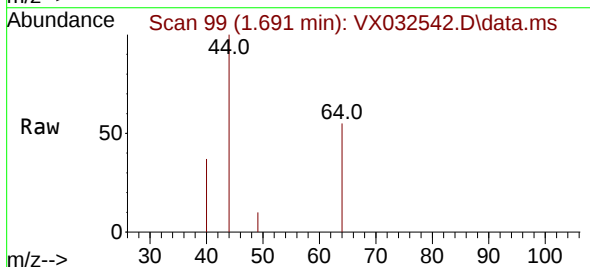
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#6
Chloroethane
Concen: 0.437 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX032542.D
Acq: 02 Nov 2022 16:50

Tgt Ion: 64 Resp: 309
Ion Ratio Lower Upper
64 100
66 0.0 26.0 39.0#





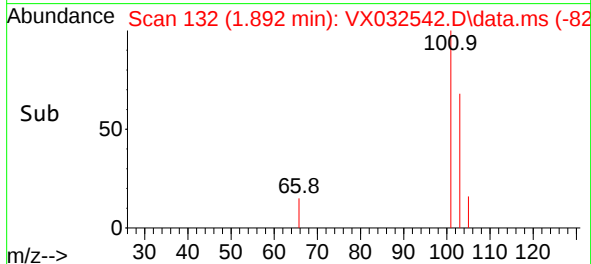
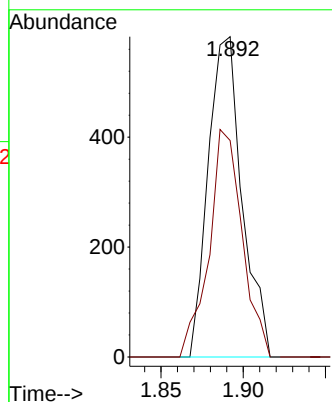
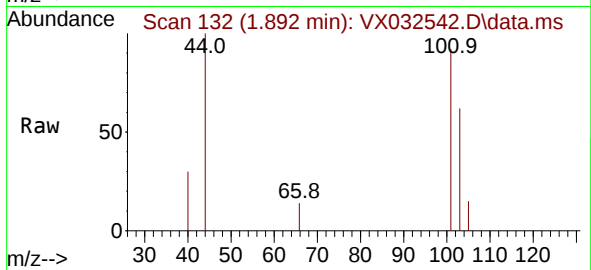
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Trichlorofluoromethane
Concen: 0.418 ug/l
RT: 1.892 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX032542.D
Acq: 02 Nov 2022 16:50

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

Tgt Ion:101 Resp: 83
Ion Ratio Lower Upper
101 100
103 67.6 51.4 77.2

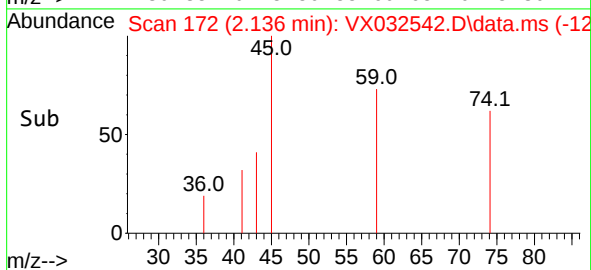
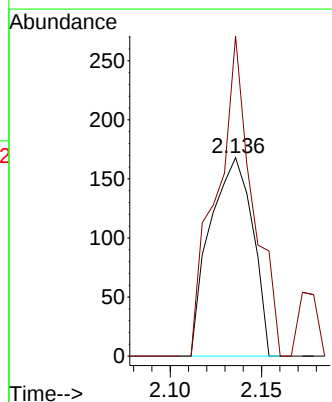
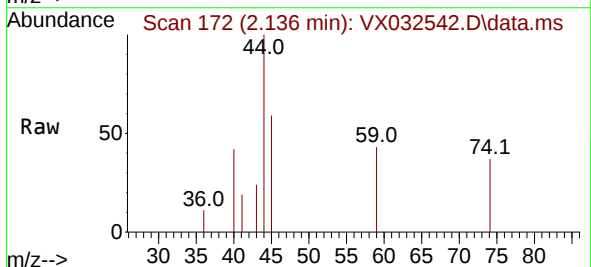
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#8
Diethyl Ether
Concen: 0.422 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
Lab File: VX032542.D
Acq: 02 Nov 2022 16:50

Tgt Ion: 74 Resp: 273
Ion Ratio Lower Upper
74 100
45 135.9 46.6 139.7





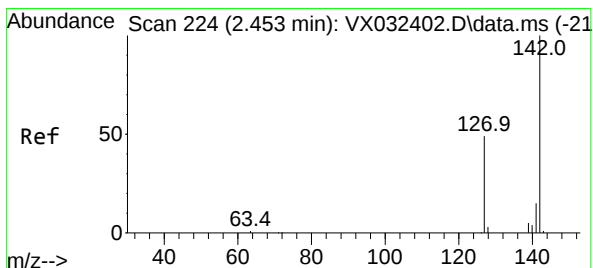
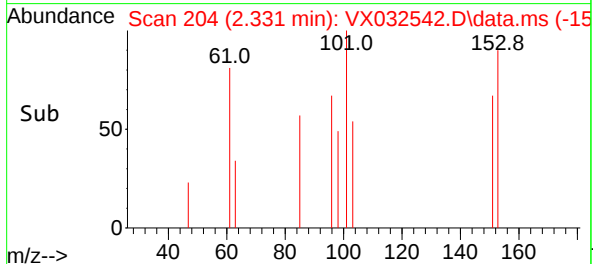
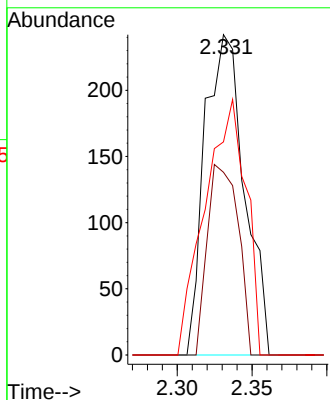
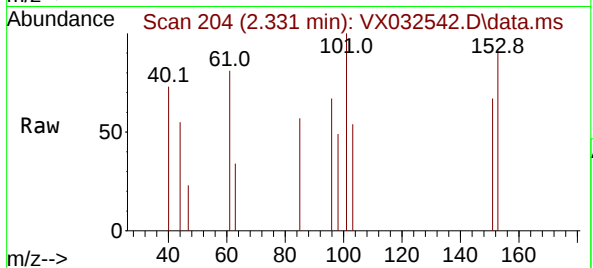
#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.424 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX032542.D
Acq: 02 Nov 2022 16:50

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

Tgt Ion:101 Resp: 44
Ion Ratio Lower Upper
101 100
85 46.3 37.0 55.4
151 82.3 64.4 96.6

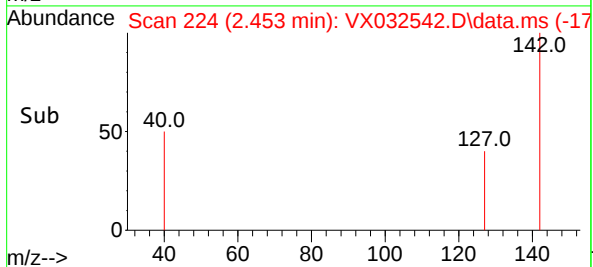
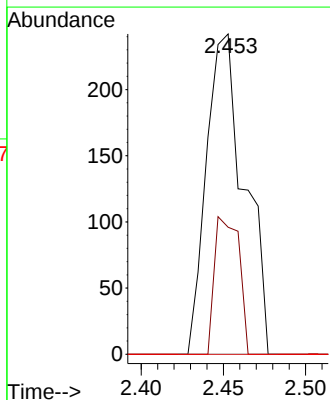
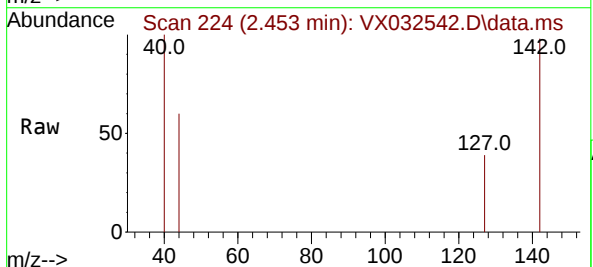
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Supervised By :Mahesh Dadoda 11/03/2022



#10
Methyl Iodide
Concen: 0.355 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX032542.D
Acq: 02 Nov 2022 16:50

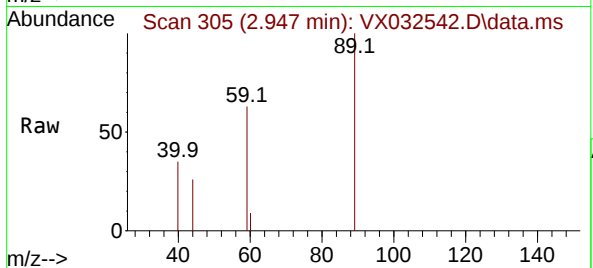
Tgt Ion:142 Resp: 389
Ion Ratio Lower Upper
142 100
127 27.5 38.6 57.8#
141 0.0 11.4 17.2#





#11
Tert butyl alcohol
Concen: 5.348 ug/l
RT: 2.947 min Scan# 308
Delta R.T. -0.018 min
Lab File: VX032542.D
Acq: 02 Nov 2022 16:50

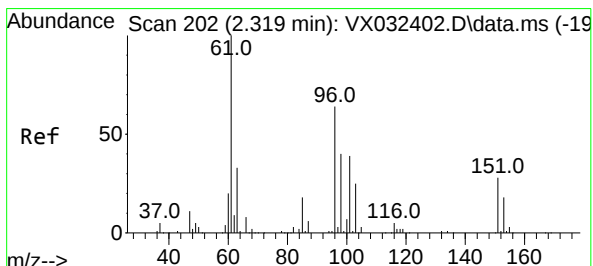
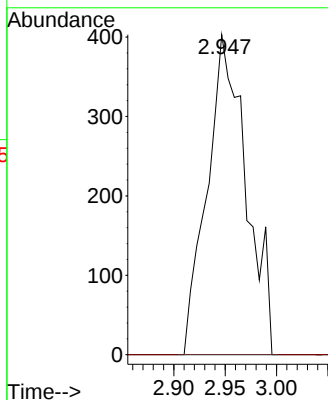
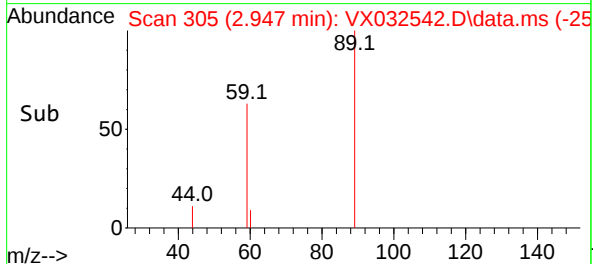
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2022



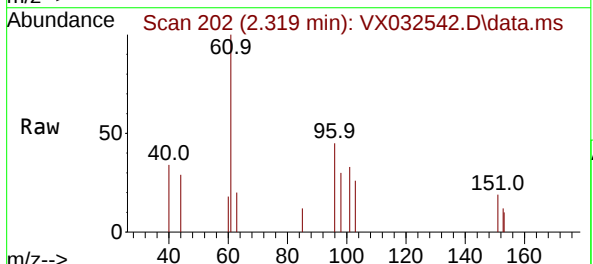
Tgt Ion: 59 Resp: 1062
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4

Manual Integrations
APPROVED

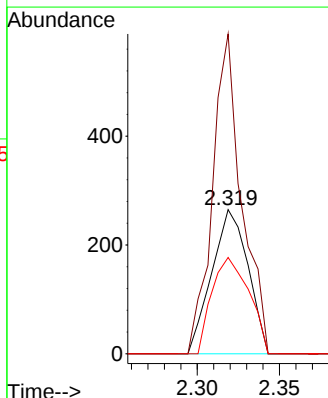
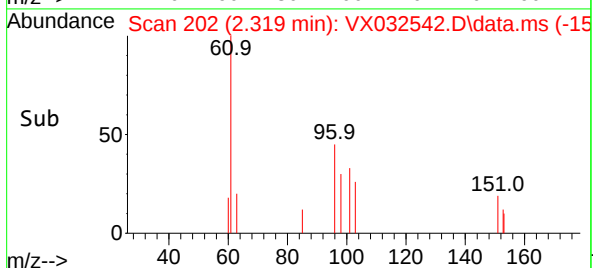
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#12
1,1-Dichloroethene
Concen: 0.412 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX032542.D
Acq: 02 Nov 2022 16:50



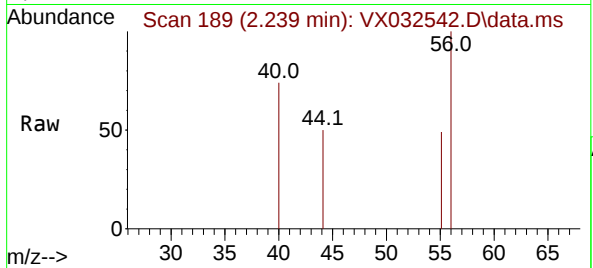
Tgt Ion: 96 Resp: 406
Ion Ratio Lower Upper
96 100
61 221.9 125.1 187.7#
98 66.8 50.6 76.0





#13
Acrolein
Concen: 2.119 ug/l
RT: 2.239 min Scan# 188
Delta R.T. 0.006 min
Lab File: VX032542.D
Acq: 02 Nov 2022 16:50

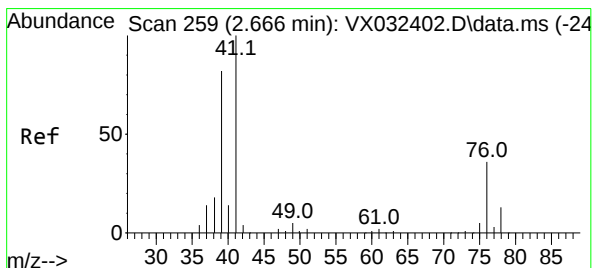
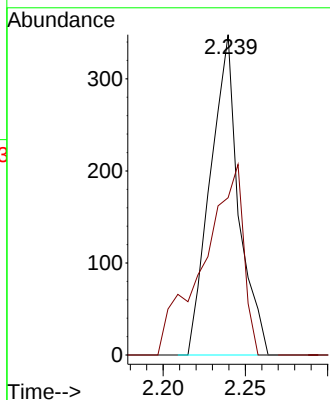
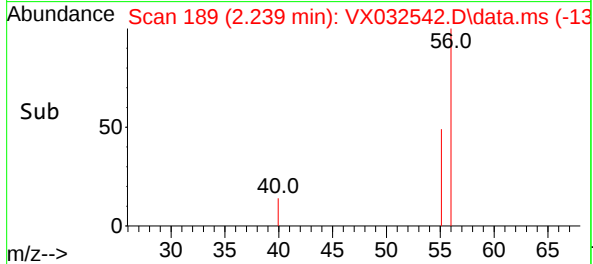
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2022



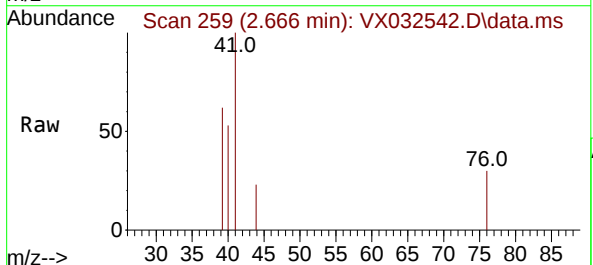
Tgt Ion: 56 Resp: 420
Ion Ratio Lower Upper
56 100
55 84.0 56.9 85.3

Manual Integrations
APPROVED

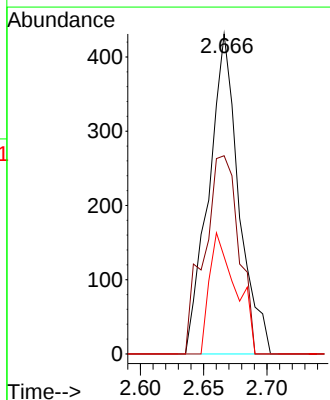
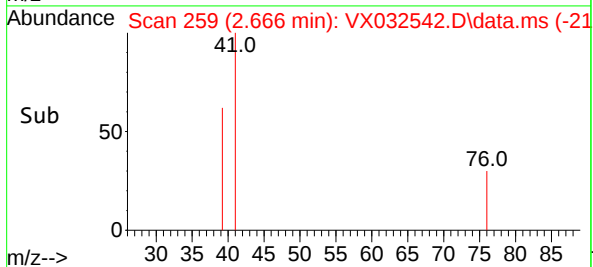
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#14
Allyl chloride
Concen: 0.456 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX032542.D
Acq: 02 Nov 2022 16:50



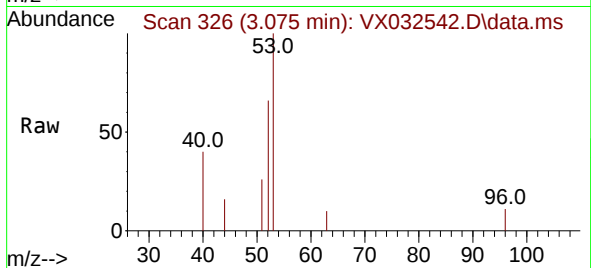
Tgt Ion: 41 Resp: 716
Ion Ratio Lower Upper
41 100
39 70.9 61.4 92.2
76 33.2 29.2 43.8





#15
Acrylonitrile
Concen: 2.091 ug/l
RT: 3.075 min Scan# 31
Delta R.T. 0.012 min
Lab File: VX032542.D
Acq: 02 Nov 2022 16:50

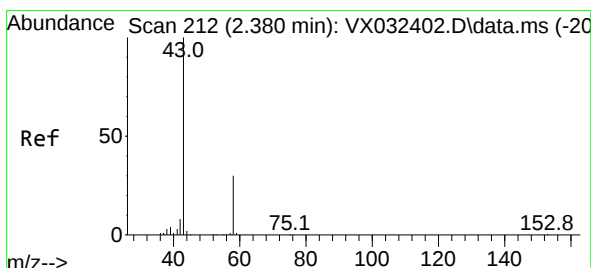
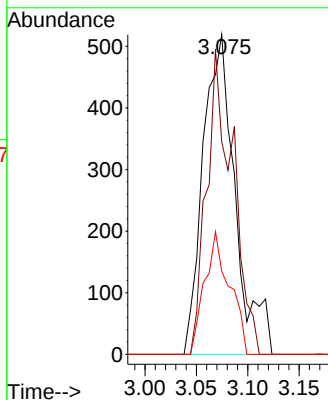
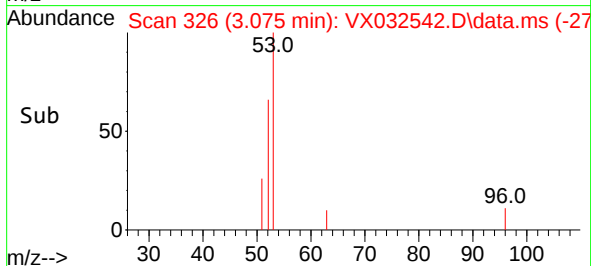
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2022



Tgt Ion: 53 Resp: 112
Ion Ratio Lower Upper
53 100
52 78.2 67.4 101.0
51 29.8 30.3 45.5

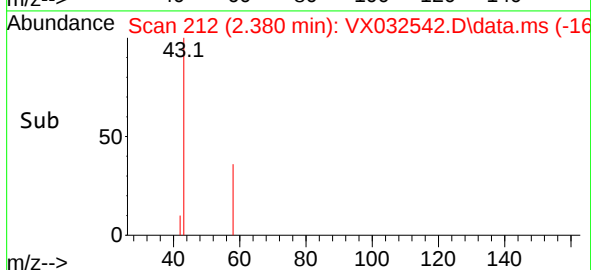
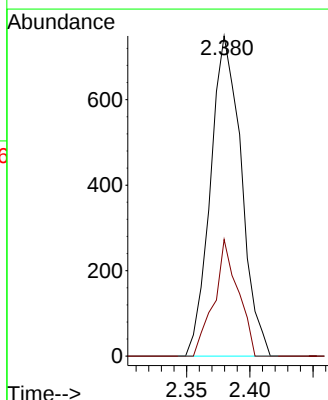
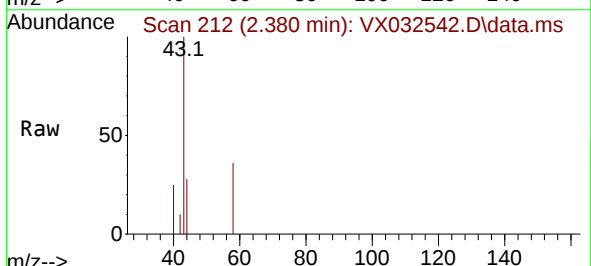
Manual Integrations
APPROVED

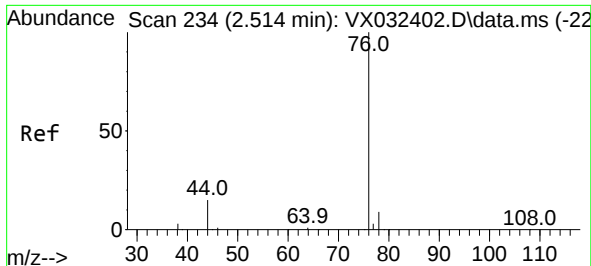
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#16
Acetone
Concen: 2.557 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX032542.D
Acq: 02 Nov 2022 16:50

Tgt Ion: 43 Resp: 1268
Ion Ratio Lower Upper
43 100
58 36.4 23.8 35.8





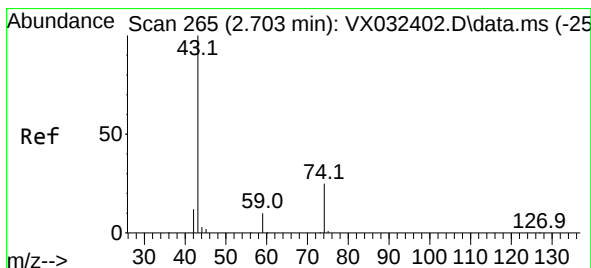
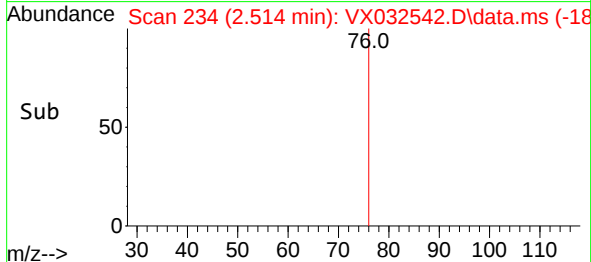
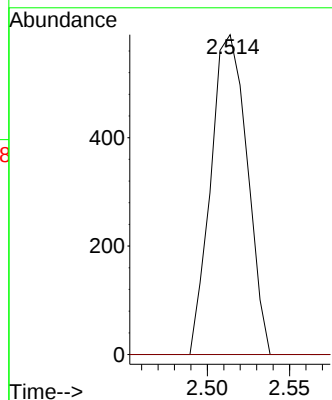
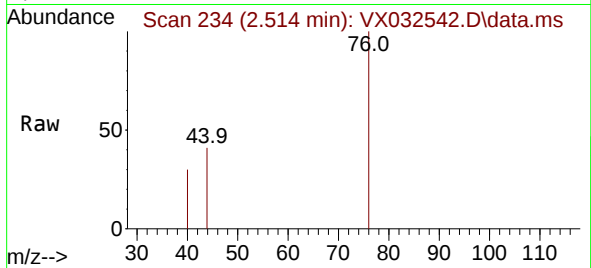
#17
Carbon Disulfide
Concen: 0.387 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX032542.D
Acq: 02 Nov 2022 16:50

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

Tgt Ion: 76 Resp: 908
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3

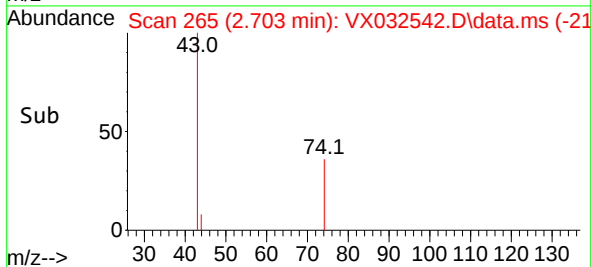
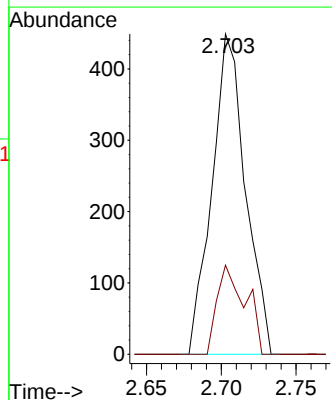
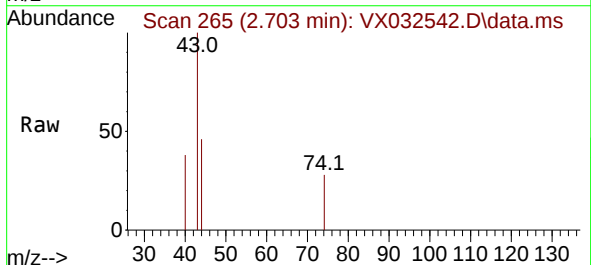
Manual Integrations
APPROVED

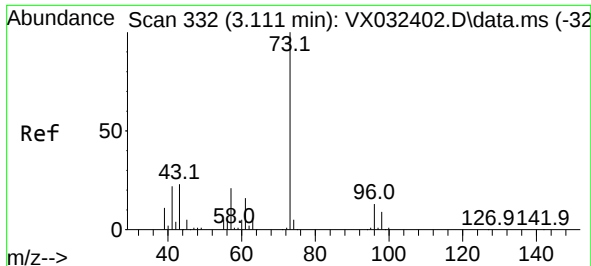
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#18
Methyl Acetate
Concen: 0.433 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX032542.D
Acq: 02 Nov 2022 16:50

Tgt Ion: 43 Resp: 699
Ion Ratio Lower Upper
43 100
74 23.5 19.4 29.0





#19

Methyl tert-butyl Ether

Concen: 0.387 ug/l

RT: 3.111 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX032542.D

Acq: 02 Nov 2022 16:50

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2022

Tgt Ion: 73 Resp: 1338

Ion Ratio Lower Upper

73 100

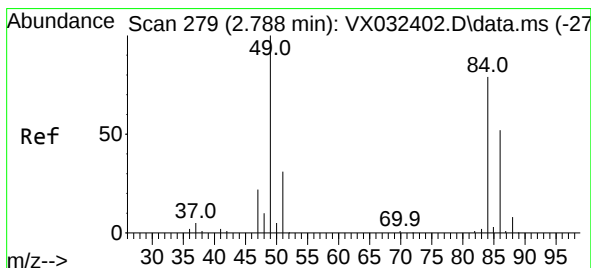
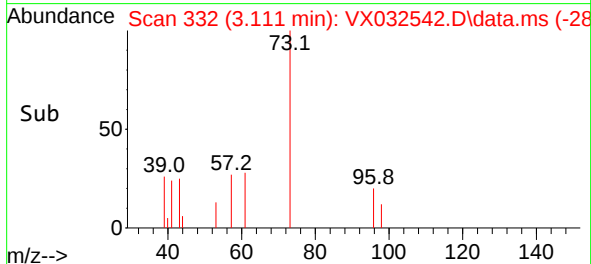
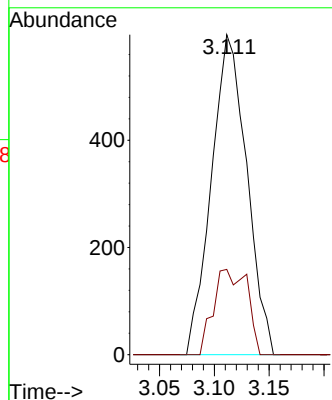
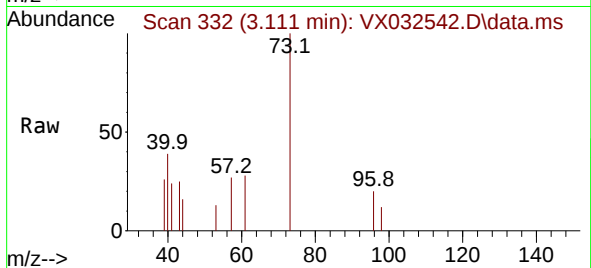
57 26.6 16.6 25.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/03/2022

Supervised By :Mahesh Dadoda 11/03/2022



#20

Methylene Chloride

Concen: 1.035 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX032542.D

Acq: 02 Nov 2022 16:50

Tgt Ion: 84 Resp: 1177

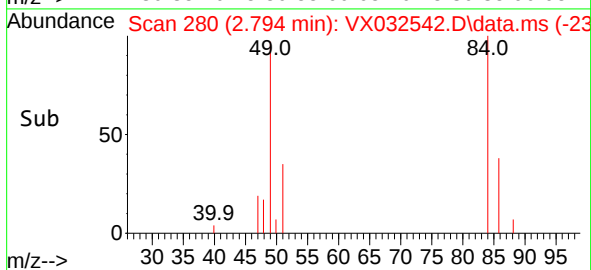
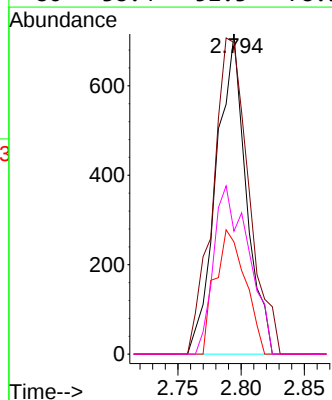
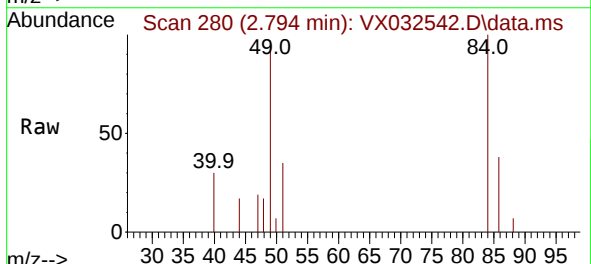
Ion Ratio Lower Upper

84 100

49 97.3 101.0 151.6#

51 35.1 31.1 46.7

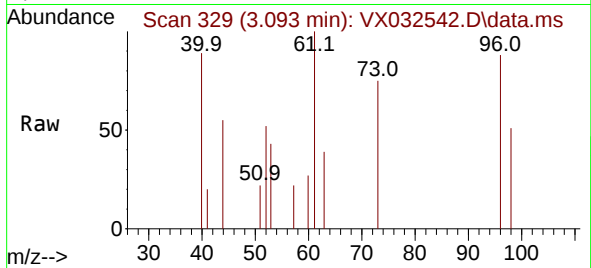
86 38.4 52.3 78.5#





#21
trans-1,2-Dichloroethene
Concen: 0.432 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX032542.D
Acq: 02 Nov 2022 16:50

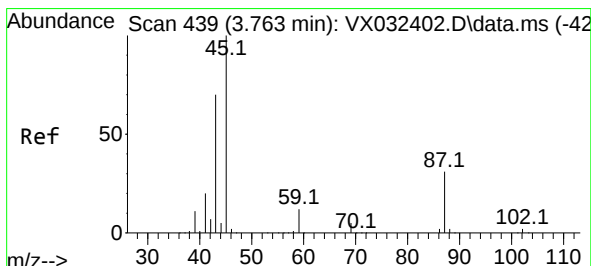
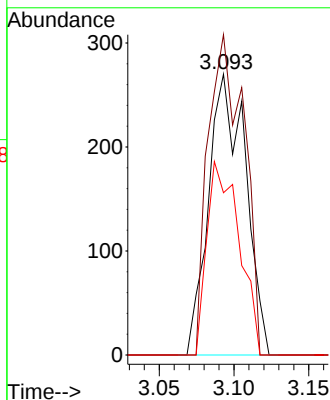
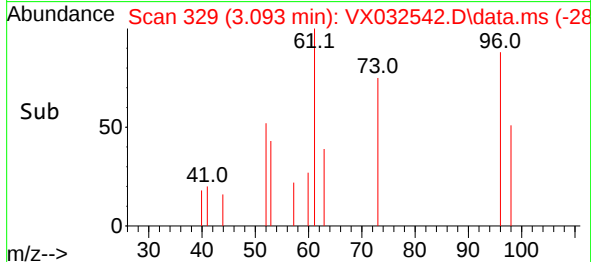
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2022



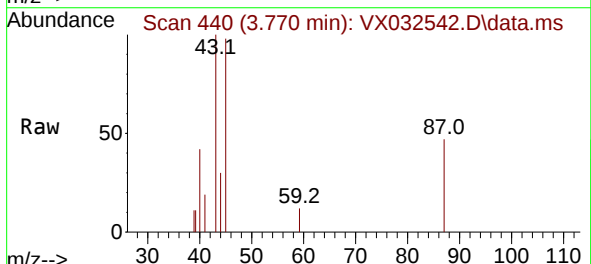
Tgt Ion: 96 Resp: 46
Ion Ratio Lower Upper
96 100
61 114.1 106.6 160.0
98 57.8 51.0 76.6

Manual Integrations
APPROVED

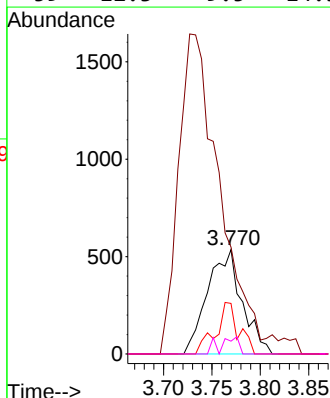
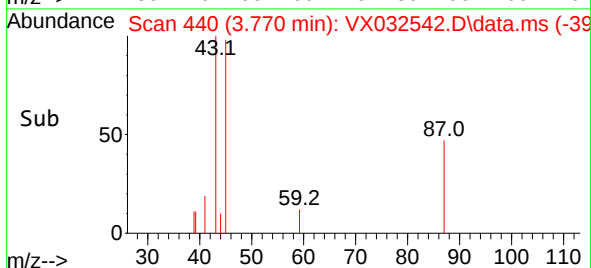
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#22
Diisopropyl ether
Concen: 0.391 ug/l
RT: 3.770 min Scan# 440
Delta R.T. 0.006 min
Lab File: VX032542.D
Acq: 02 Nov 2022 16:50



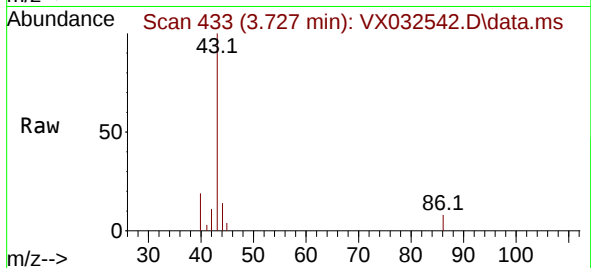
Tgt Ion: 45 Resp: 1329
Ion Ratio Lower Upper
45 100
43 89.7 56.4 84.6#
87 48.5 24.4 36.6#
59 12.3 9.5 14.3





#23
 Vinyl Acetate
 Concen: 1.771 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX032542.D
 Acq: 02 Nov 2022 16:50

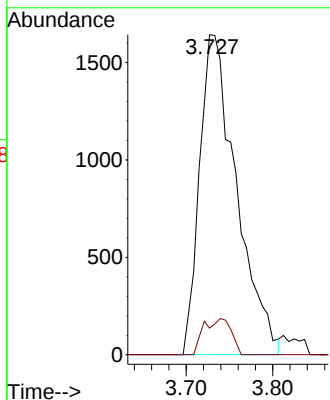
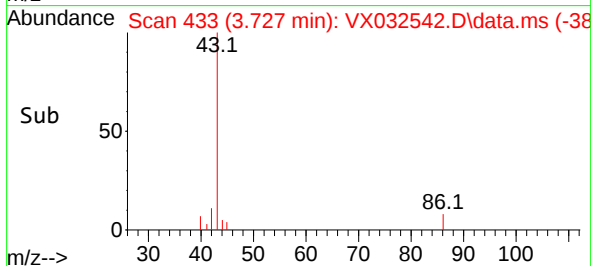
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT4-2022



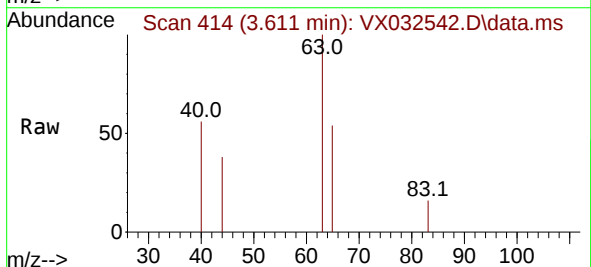
Tgt Ion: 43 Resp: 485
 Ion Ratio Lower Upper
 43 100
 86 8.3 8.6 12.8

Manual Integrations
 APPROVED

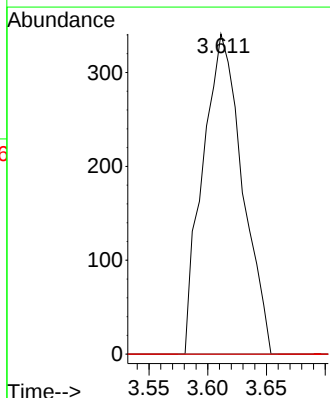
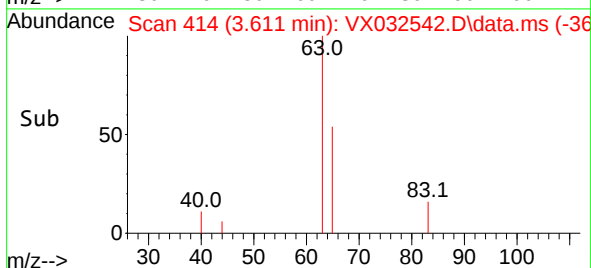
Reviewed By :John Carlone 11/03/2022
 Supervised By :Mahesh Dadoda 11/03/2022

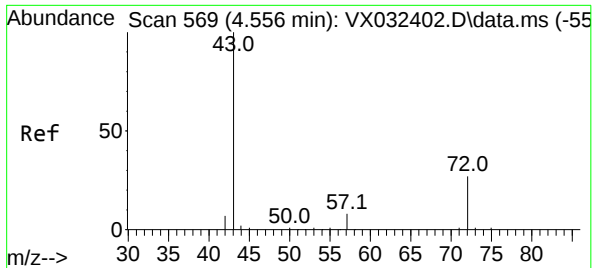


#24
 1,1-Dichloroethane
 Concen: 0.410 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX032542.D
 Acq: 02 Nov 2022 16:50



Tgt Ion: 63 Resp: 801
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.5 10.4#
 100 0.0 2.3 6.8#





#25

2-Butanone

Concen: 2.314 ug/l

RT: 4.574 min Scan# 517

Delta R.T. 0.018 min

Lab File: VX032542.D

Acq: 02 Nov 2022 16:50

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2022

Tgt Ion: 43 Resp: 1778

Ion Ratio Lower Upper

43 100

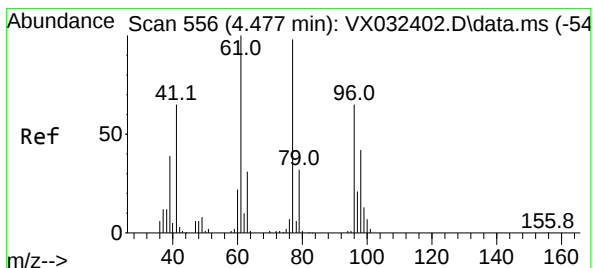
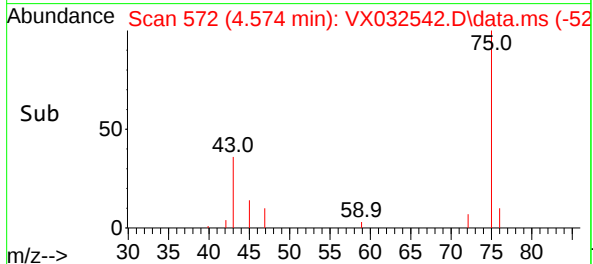
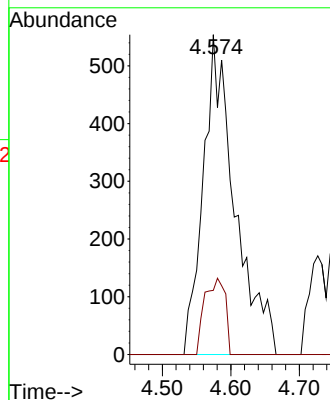
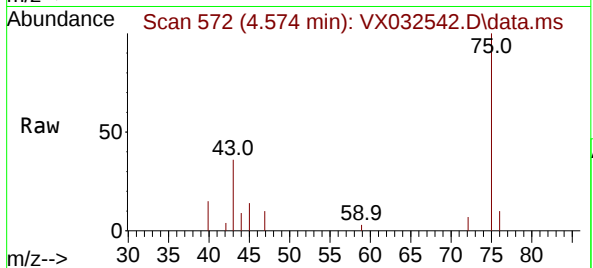
72 20.0 22.2 33.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/03/2022

Supervised By :Mahesh Dadoda 11/03/2022



#26

2,2-Dichloropropane

Concen: 0.383 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.012 min

Lab File: VX032542.D

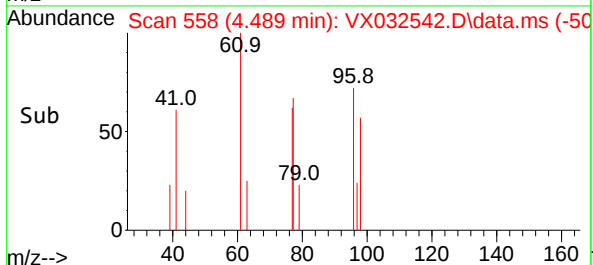
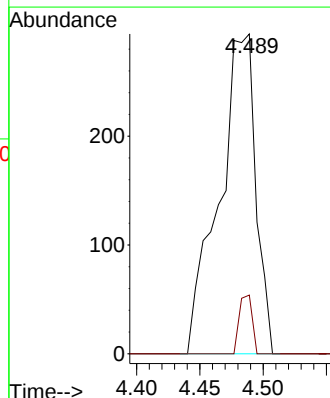
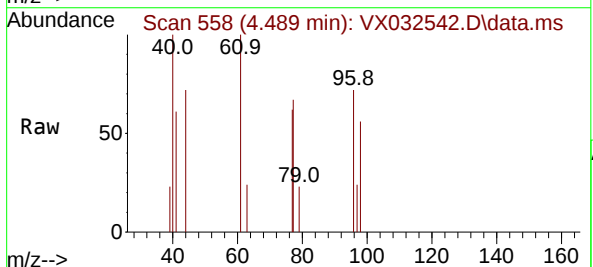
Acq: 02 Nov 2022 16:50

Tgt Ion: 77 Resp: 594

Ion Ratio Lower Upper

77 100

97 6.4 11.4 34.1





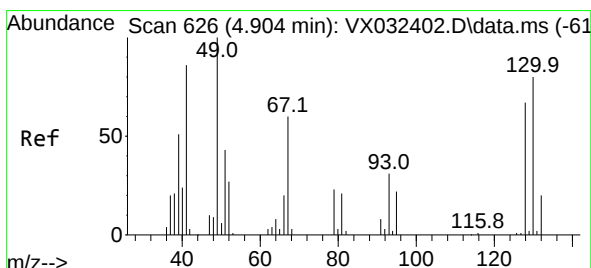
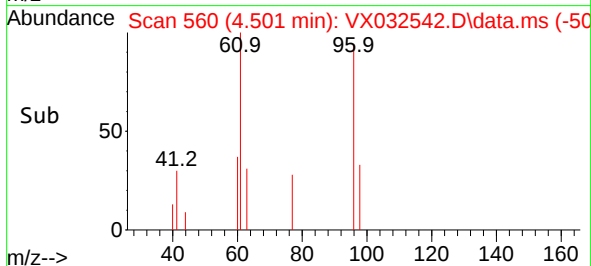
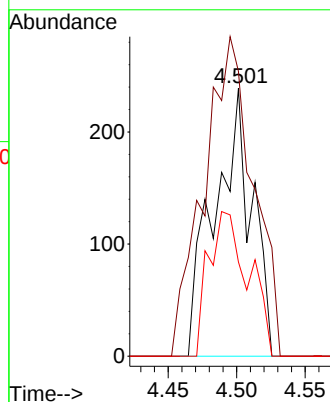
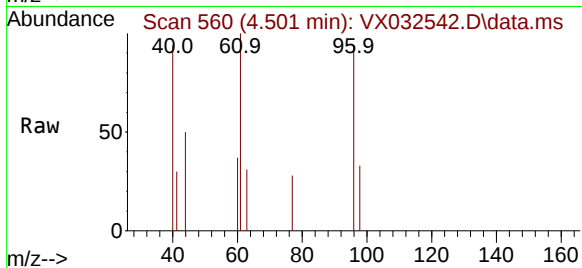
#27
 cis-1,2-Dichloroethene
 Concen: 0.367 ug/l
 RT: 4.501 min Scan# 51
 Delta R.T. 0.012 min
 Lab File: VX032542.D
 Acq: 02 Nov 2022 16:50

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

Tgt Ion: 96 Resp: 458
 Ion Ratio Lower Upper
 96 100
 61 156.9 0.0 286.0
 98 57.1 0.0 129.6

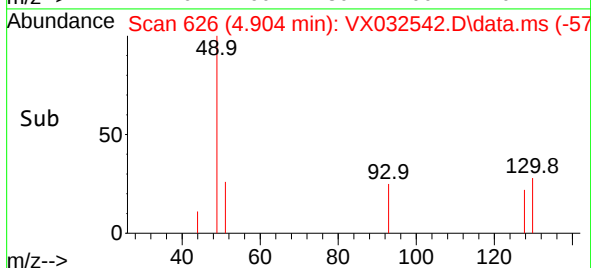
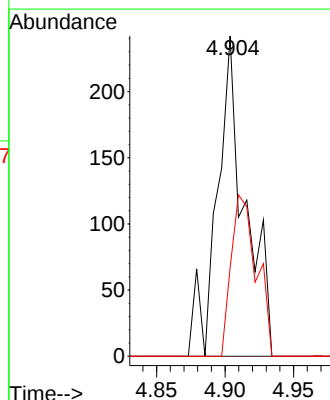
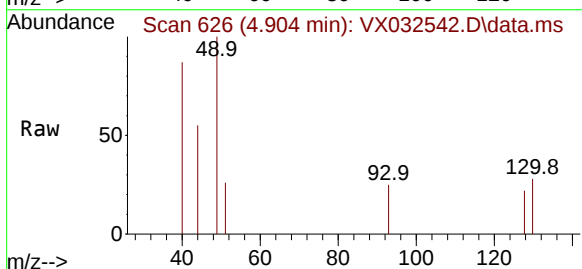
Manual Integrations
 APPROVED

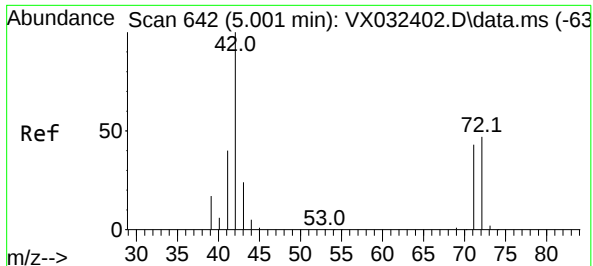
Reviewed By :John Carlone 11/03/2022
 Supervised By :Mahesh Dadoda 11/03/2022



#28
 Bromochloromethane
 Concen: 0.499 ug/l
 RT: 4.904 min Scan# 626
 Delta R.T. 0.000 min
 Lab File: VX032542.D
 Acq: 02 Nov 2022 16:50

Tgt Ion: 49 Resp: 347
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 3.8
 130 45.2 67.5 101.3#





#29

Tetrahydrofuran

Concen: 1.998 ug/l

RT: 5.026 min Scan# 64

Delta R.T. 0.024 min

Lab File: VX032542.D

Acq: 02 Nov 2022 16:50

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2022

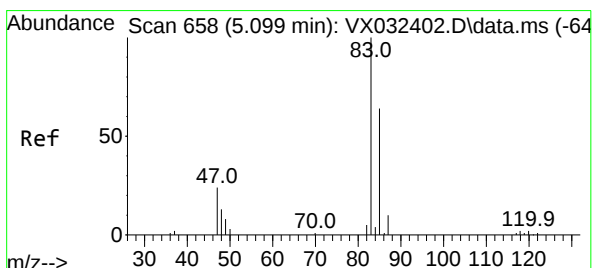
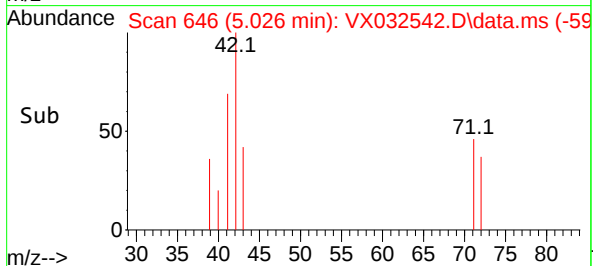
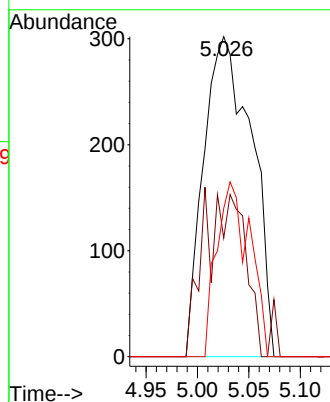
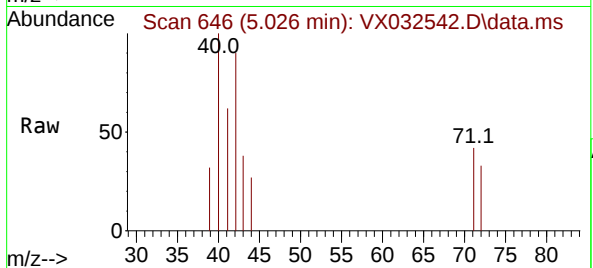
Tgt Ion: 42	Resp: 979
Ion Ratio	Lower Upper
42 100	
72 30.5	37.6 56.4
71 37.9	34.7 52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/03/2022

Supervised By :Mahesh Dadoda 11/03/2022



#30

Chloroform

Concen: 0.481 ug/l

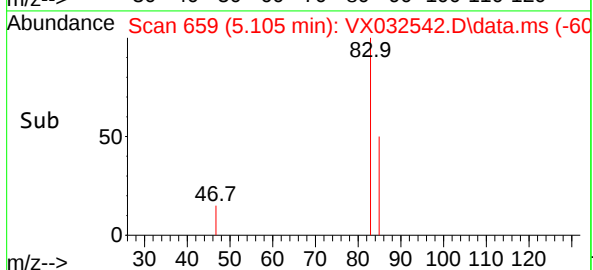
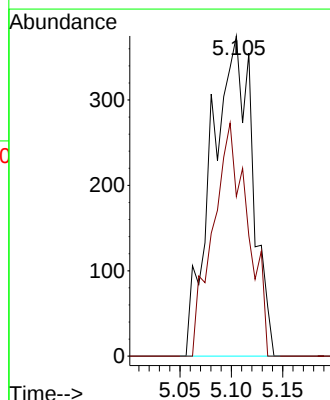
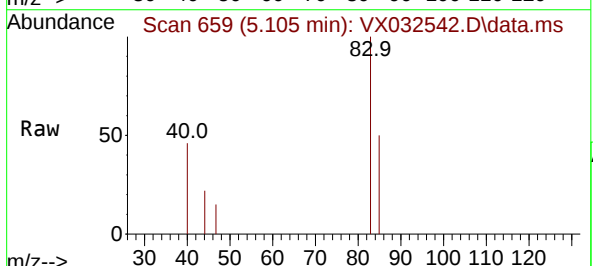
RT: 5.105 min Scan# 659

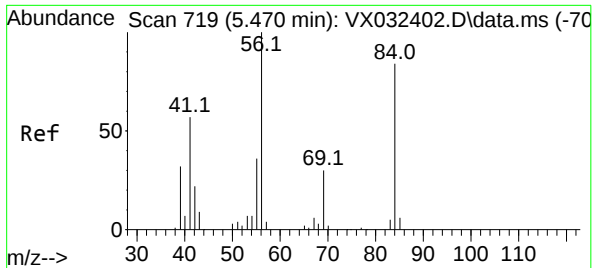
Delta R.T. 0.006 min

Lab File: VX032542.D

Acq: 02 Nov 2022 16:50

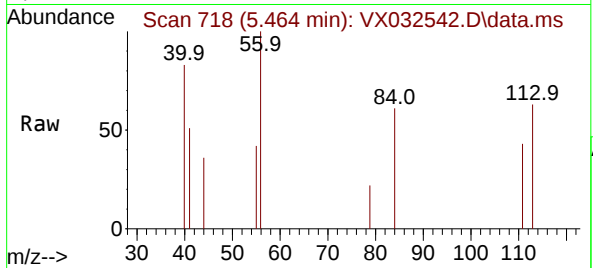
Tgt Ion: 83	Resp: 1031
Ion Ratio	Lower Upper
83 100	
85 49.9	51.1 76.7





#31
Cyclohexane
Concen: 0.338 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX032542.D
Acq: 02 Nov 2022 16:50

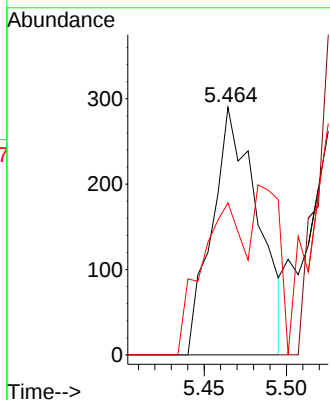
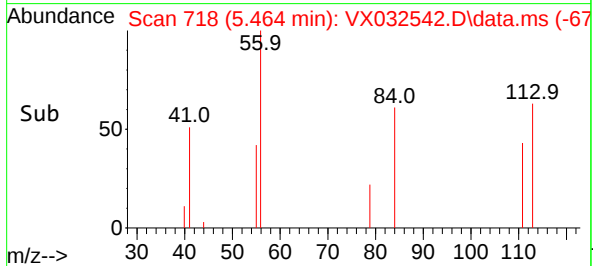
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2022



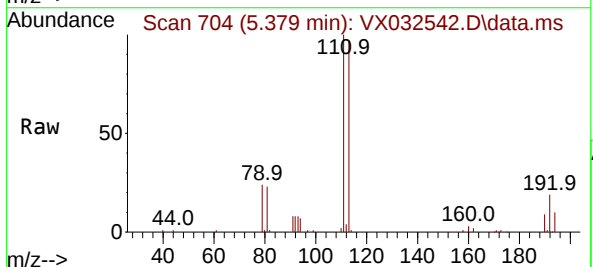
Tgt Ion: 56 Resp: 559
Ion Ratio Lower Upper
56 100
69 0.0 24.1 36.1#
84 61.4 66.9 100.3#

Manual Integrations
APPROVED

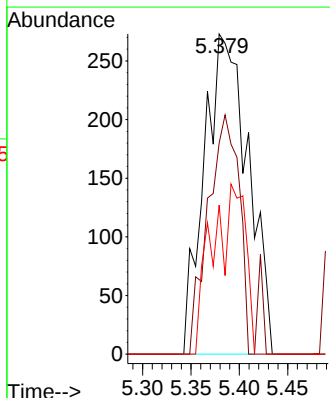
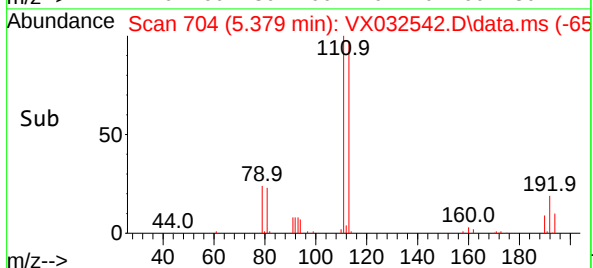
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022

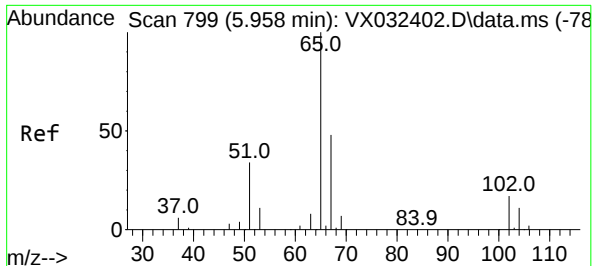


#32
1,1,1-Trichloroethane
Concen: 0.449 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX032542.D
Acq: 02 Nov 2022 16:50



Tgt Ion: 97 Resp: 863
Ion Ratio Lower Upper
97 100
99 0.0 51.4 77.0#
61 11.1 35.2 52.8#





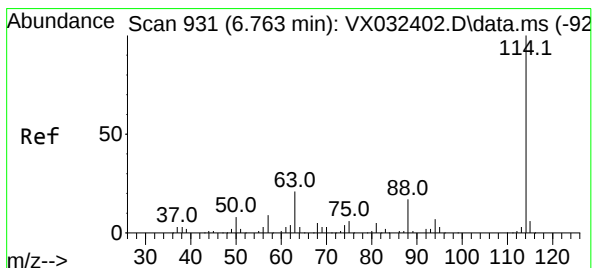
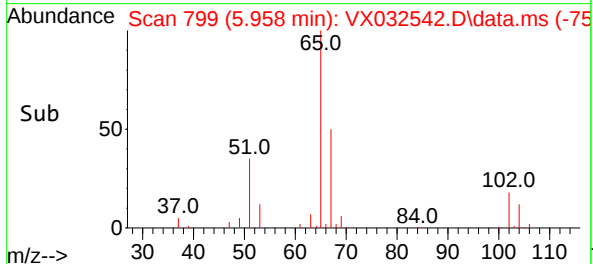
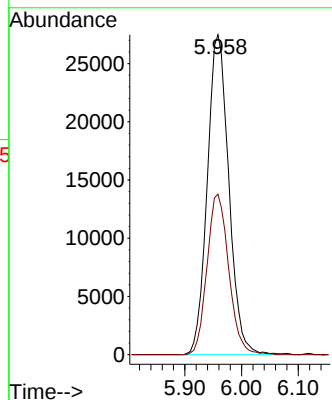
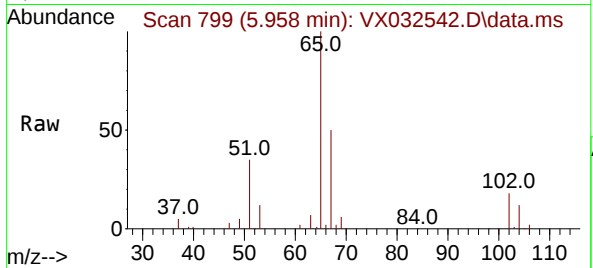
#33
1,2-Dichloroethane-d4
Concen: 53.127 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX032542.D
Acq: 02 Nov 2022 16:50

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

Tgt Ion: 65 Resp: 72484
Ion Ratio Lower Upper
65 100
67 50.6 0.0 101.8

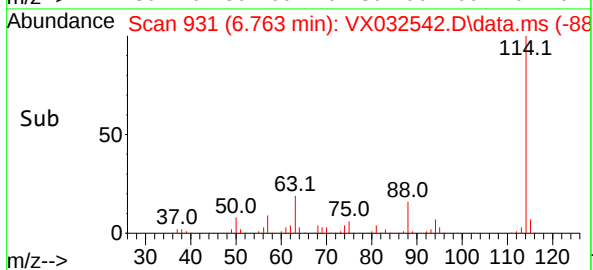
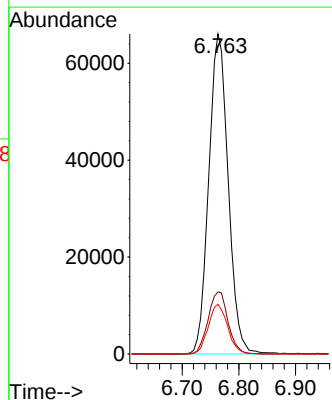
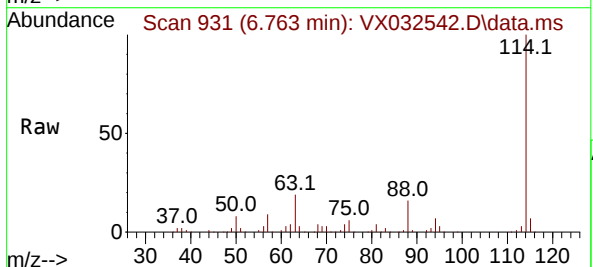
Manual Integrations
APPROVED

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: VX032542.D
Acq: 02 Nov 2022 16:50

Tgt Ion:114 Resp: 157116
Ion Ratio Lower Upper
114 100
63 19.4 0.0 41.6
88 15.5 0.0 33.4





#35

Dibromofluoromethane

Concen: 52.252 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX032542.D

Acq: 02 Nov 2022 16:50

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2022

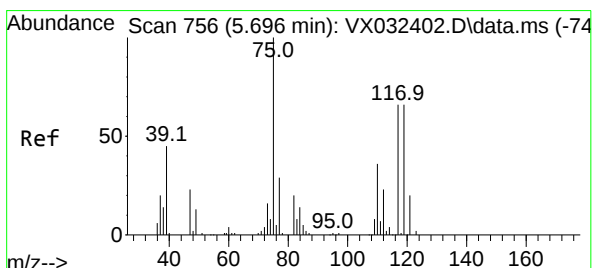
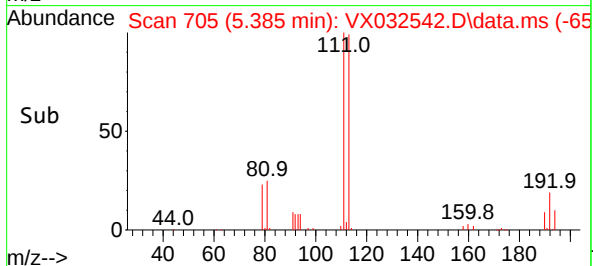
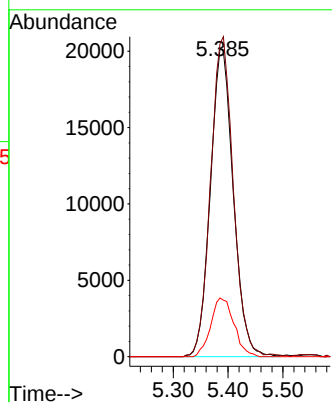
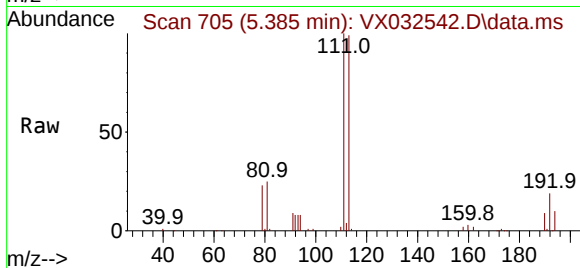
Tgt Ion:	113	Resp:	5856
Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.4	123.6
192	19.3	15.4	23.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/03/2022

Supervised By :Mahesh Dadoda 11/03/2022



#36

1,1-Dichloropropene

Concen: 0.401 ug/l

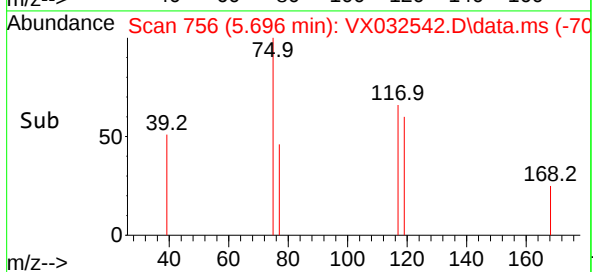
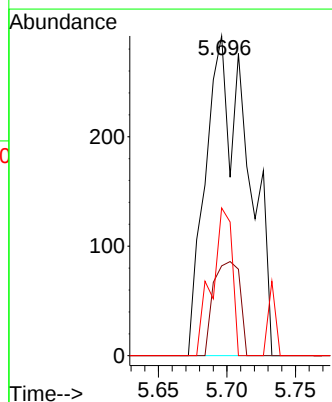
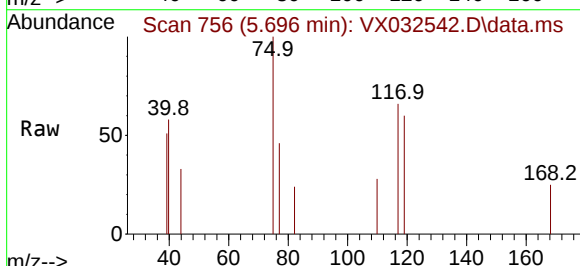
RT: 5.696 min Scan# 756

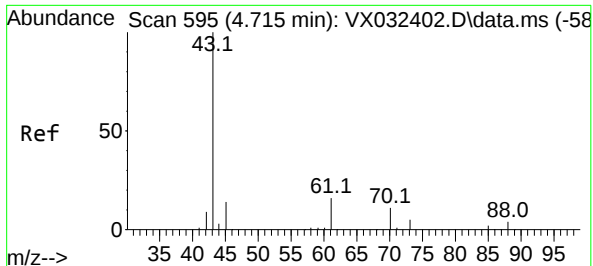
Delta R.T. 0.000 min

Lab File: VX032542.D

Acq: 02 Nov 2022 16:50

Tgt Ion:	75	Resp:	626
Ion	Ratio	Lower	Upper
75	100		
110	18.4	18.4	55.2#
77	22.0	24.5	36.7#





#37

Ethyl Acetate

Concen: 0.372 ug/l m

RT: 4.745 min Scan# 600

Delta R.T. 0.031 min

Lab File: VX032542.D

Acq: 02 Nov 2022 16:50

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2022

Tgt Ion: 43 Resp: 600

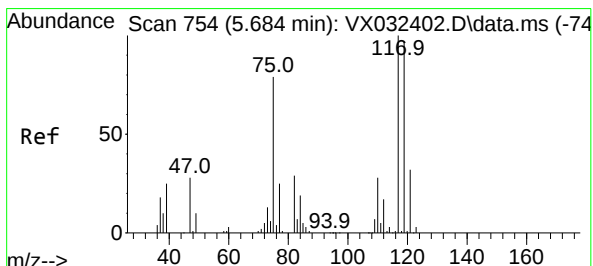
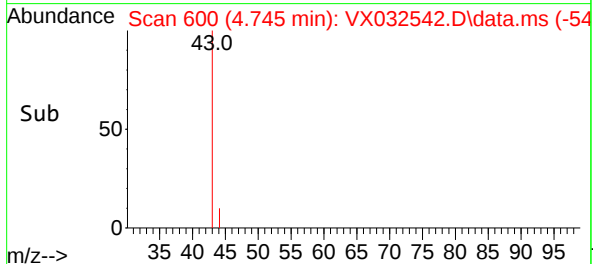
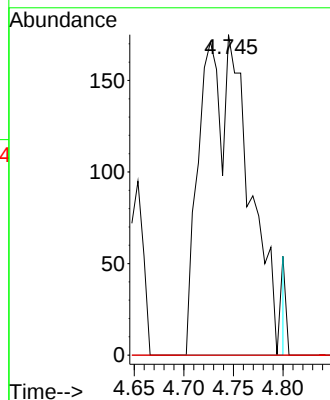
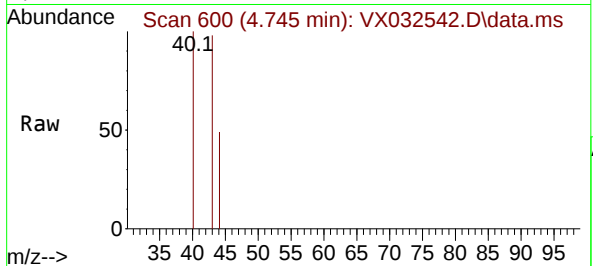
Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.5	17.3
70	0.0	9.1	13.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/03/2022

Supervised By :Mahesh Dadoda 11/03/2022



#38

Carbon Tetrachloride

Concen: 0.447 ug/l

RT: 5.684 min Scan# 754

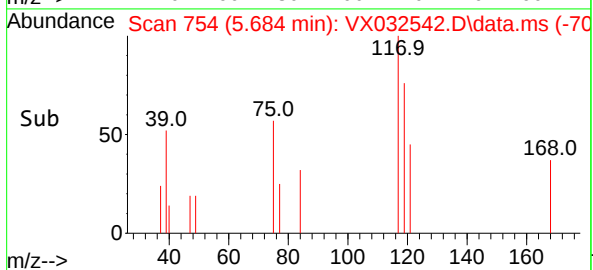
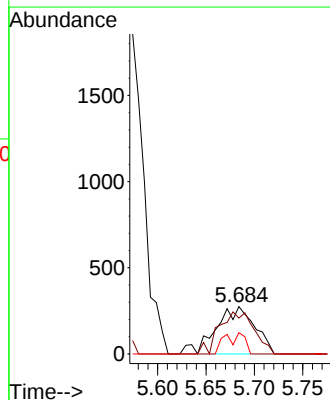
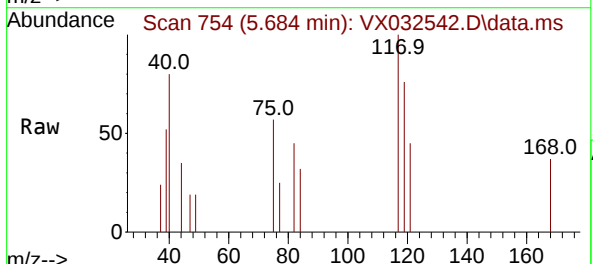
Delta R.T. 0.000 min

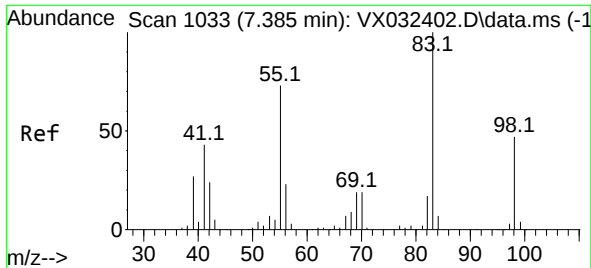
Lab File: VX032542.D

Acq: 02 Nov 2022 16:50

Tgt Ion:117 Resp: 774

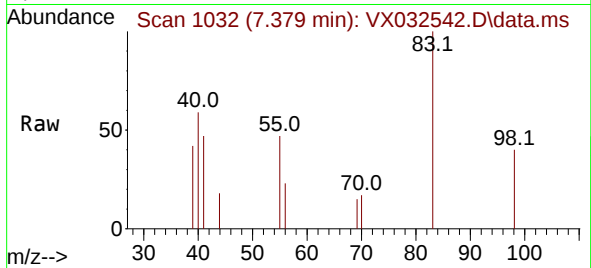
Ion	Ratio	Lower	Upper
117	100		
119	75.6	77.2	115.8#
121	44.7	25.8	38.6#





#39
Methylcyclohexane
Concen: 0.360 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX032542.D
Acq: 02 Nov 2022 16:50

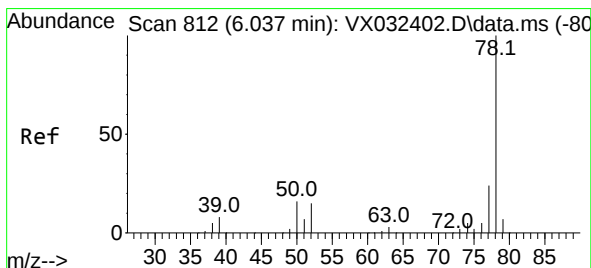
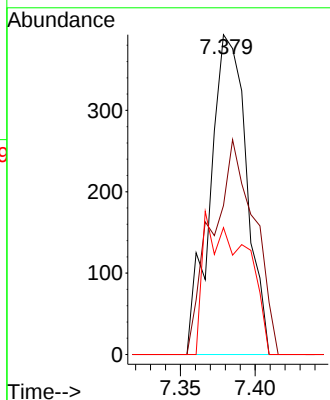
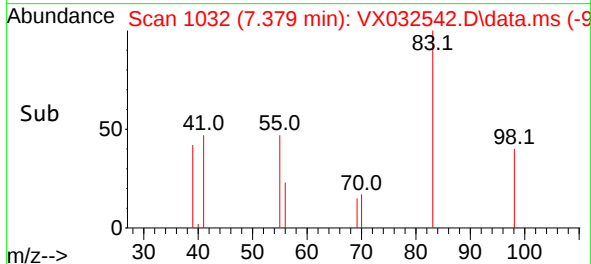
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2022



Tgt Ion: 83 Resp: 664
Ion Ratio Lower Upper
83 100
55 46.6 58.4 87.6
98 39.7 37.2 55.8

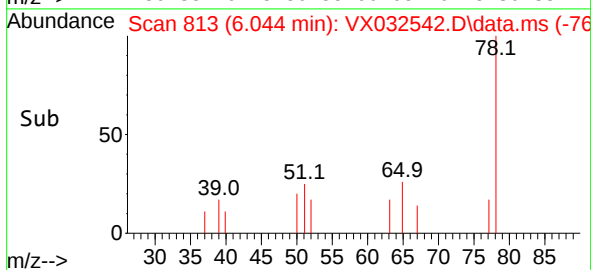
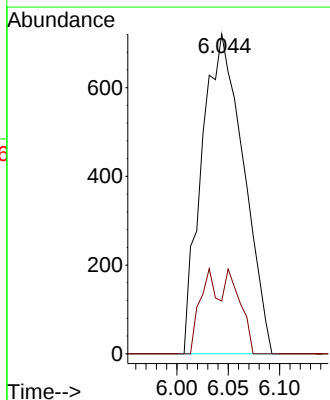
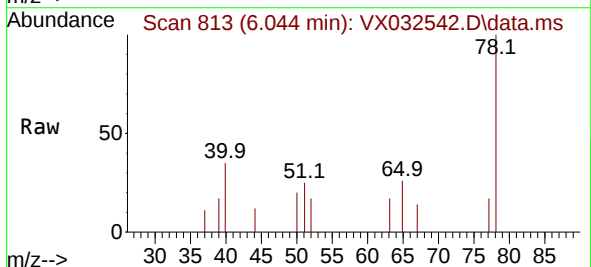
Manual Integrations
APPROVED

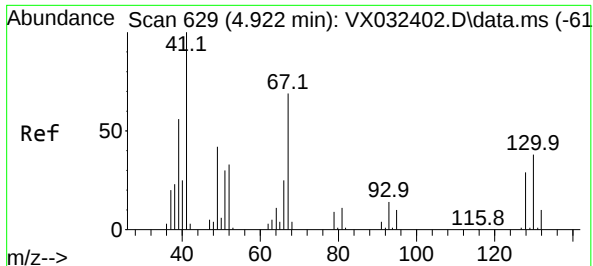
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#40
Benzene
Concen: 0.461 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX032542.D
Acq: 02 Nov 2022 16:50

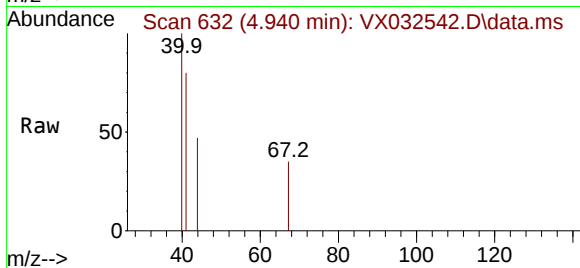
Tgt Ion: 78 Resp: 2035
Ion Ratio Lower Upper
78 100
77 16.5 19.0 28.4#





#41
Methacrylonitrile
Concen: 0.298 ug/l
RT: 4.940 min Scan# 61
Delta R.T. 0.018 min
Lab File: VX032542.D
Acq: 02 Nov 2022 16:50

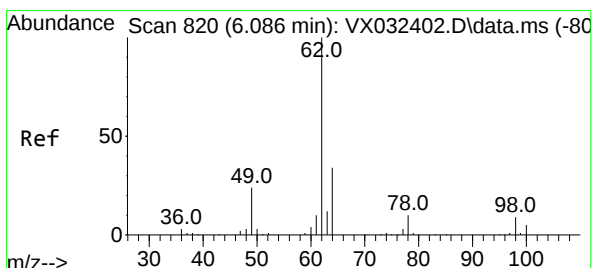
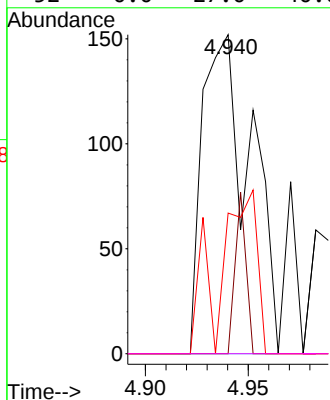
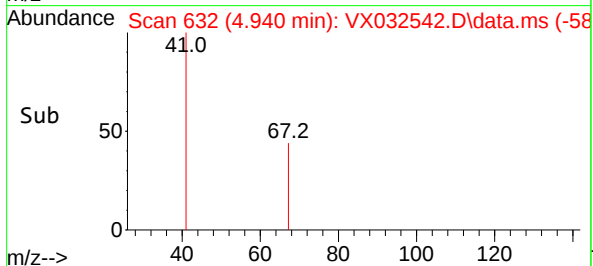
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2022



Tgt Ion: 41 Resp: 24
Ion Ratio Lower Upper
41 100
39 11.3 47.5 71.3
67 40.9 60.5 90.7
52 0.0 27.0 40.6

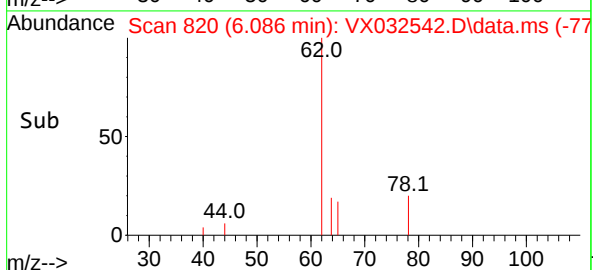
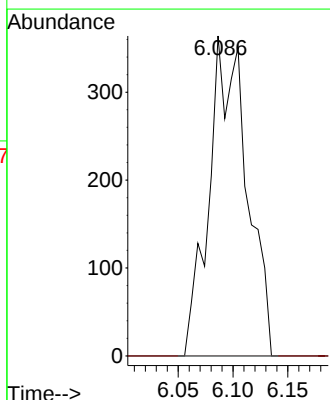
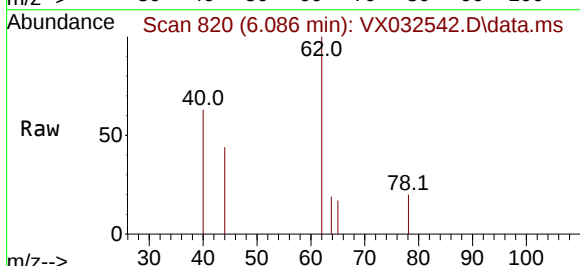
Manual Integrations
APPROVED

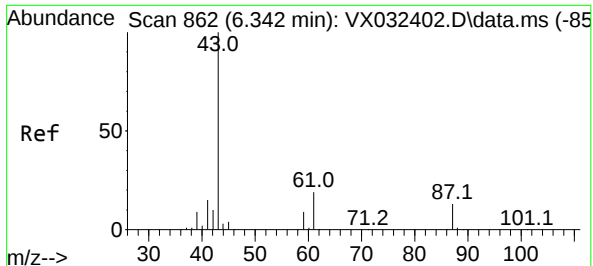
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#42
1,2-Dichloroethane
Concen: 0.482 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX032542.D
Acq: 02 Nov 2022 16:50

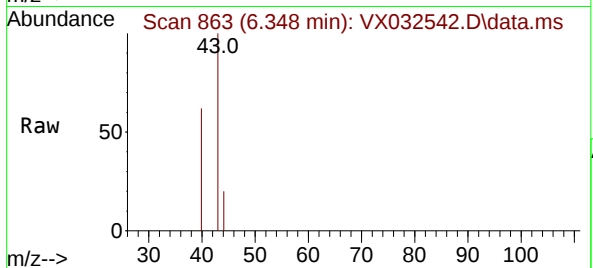
Tgt Ion: 62 Resp: 871
Ion Ratio Lower Upper
62 100
98 0.0 0.0 16.0





#43
Isopropyl Acetate
Concen: 0.395 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.006 min
Lab File: VX032542.D
Acq: 02 Nov 2022 16:50

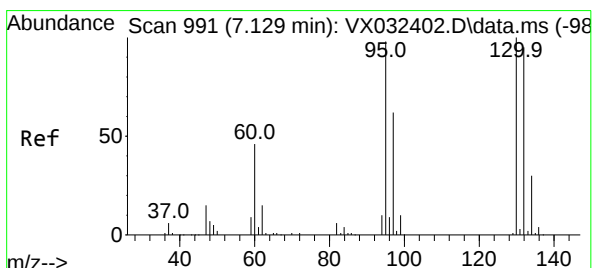
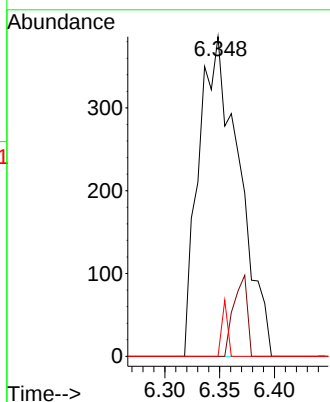
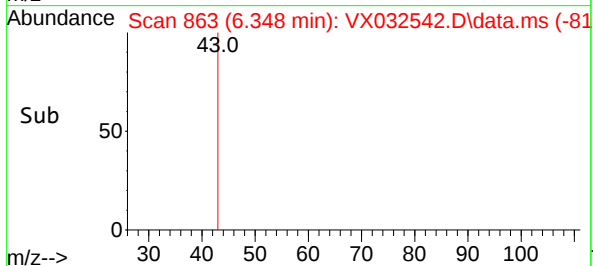
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2022



Tgt Ion: 43 Resp: 980
Ion Ratio Lower Upper
43 100
61 0.0 15.4 23.0
87 2.5 10.8 16.2

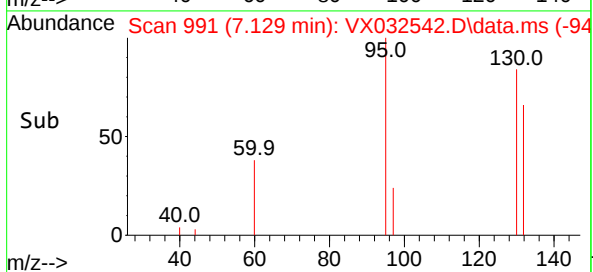
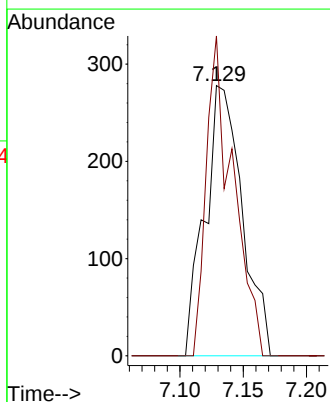
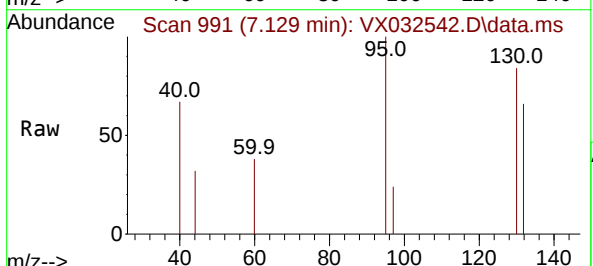
Manual Integrations
APPROVED

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



#44
Trichloroethene
Concen: 0.458 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX032542.D
Acq: 02 Nov 2022 16:50

Tgt Ion:130 Resp: 570
Ion Ratio Lower Upper
130 100
95 118.3 0.0 195.2





#45

1,2-Dichloropropane

Concen: 0.404 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX032542.D

Acq: 02 Nov 2022 16:50

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2022

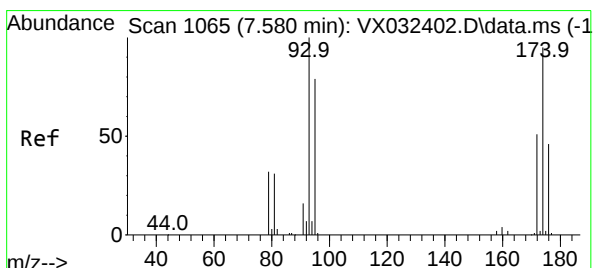
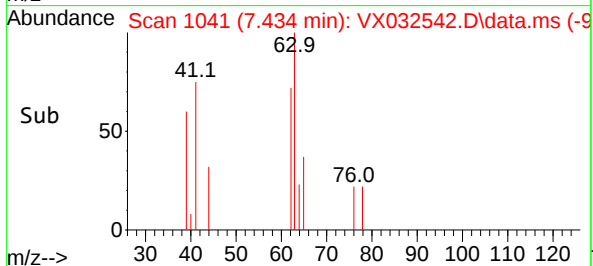
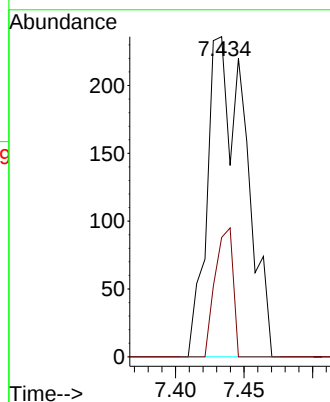
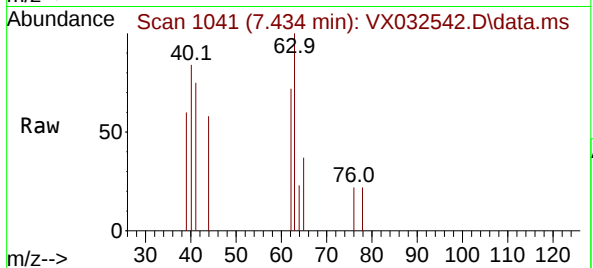
Tgt Ion: 63 Resp: 458
 Ion Ratio Lower Upper
 63 100
 65 37.3 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/03/2022

Supervised By :Mahesh Dadoda 11/03/2022



#46

Dibromomethane

Concen: 0.378 ug/l

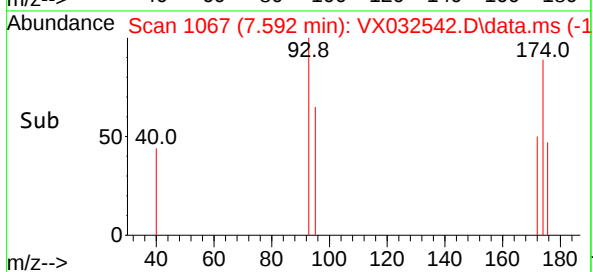
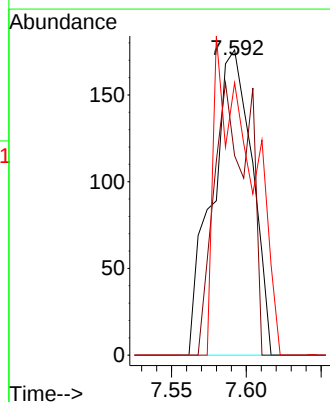
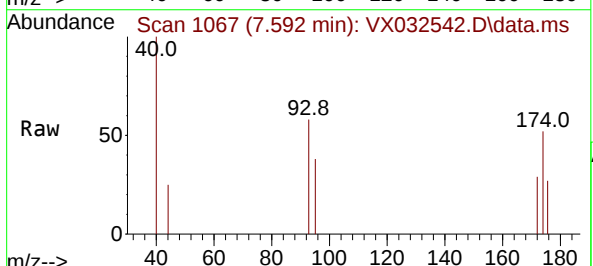
RT: 7.592 min Scan# 1067

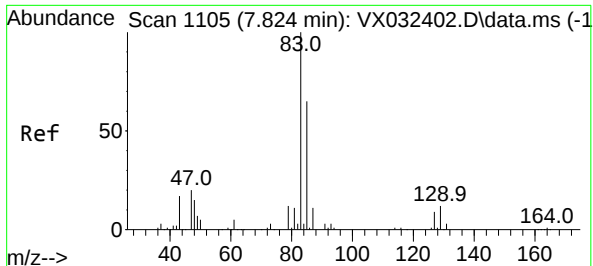
Delta R.T. 0.012 min

Lab File: VX032542.D

Acq: 02 Nov 2022 16:50

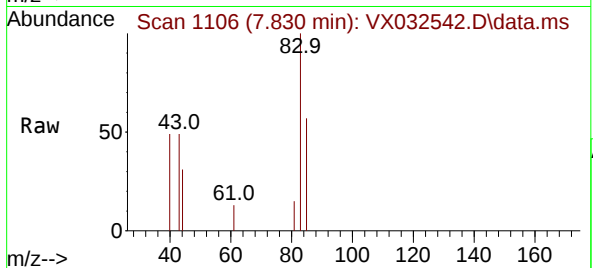
Tgt Ion: 93 Resp: 329
 Ion Ratio Lower Upper
 93 100
 95 77.2 65.8 98.8
 174 94.8 79.8 119.6





#47
Bromodichloromethane
Concen: 0.416 ug/l
RT: 7.830 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX032542.D
Acq: 02 Nov 2022 16:50

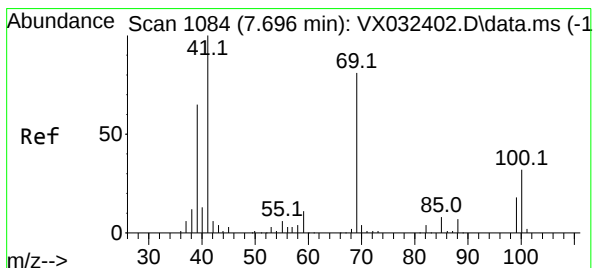
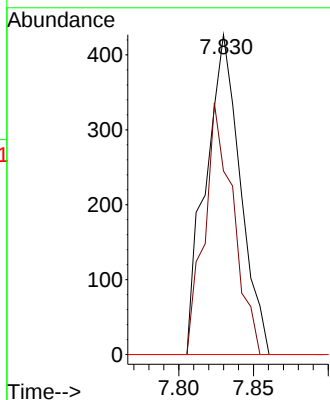
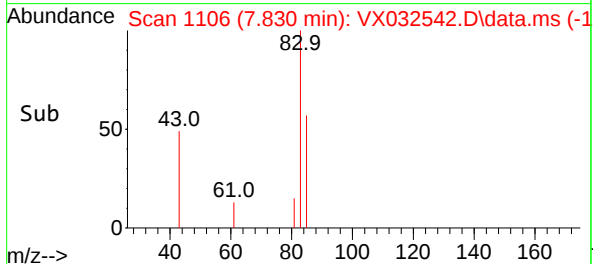
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2022



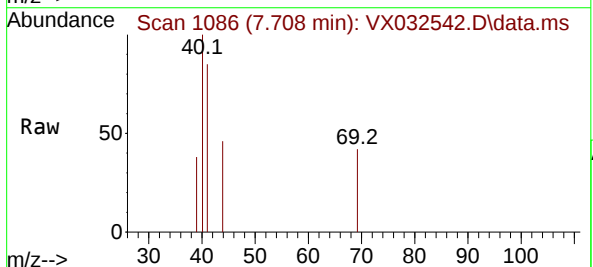
Tgt Ion: 83 Resp: 680
Ion Ratio Lower Upper
83 100
85 57.4 52.2 78.4
127 0.0 7.4 11.2

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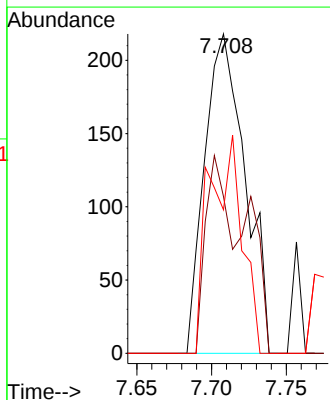
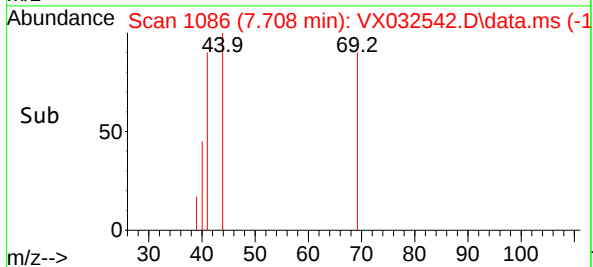
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022

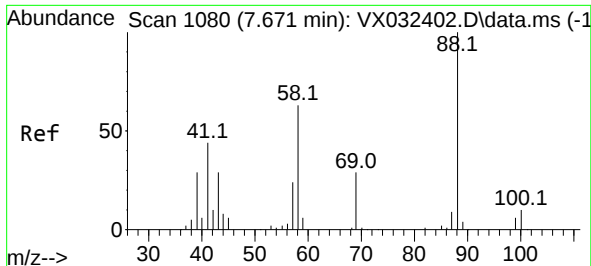


#48
Methyl methacrylate
Concen: 0.318 ug/l
RT: 7.708 min Scan# 1086
Delta R.T. 0.012 min
Lab File: VX032542.D
Acq: 02 Nov 2022 16:50



Tgt Ion: 41 Resp: 410
Ion Ratio Lower Upper
41 100
69 35.9 65.1 97.7#
39 55.1 51.9 77.9





#49

1,4-Dioxane

Concen: 4.196 ug/l m

RT: 7.696 min Scan# 1084

Delta R.T. 0.024 min

Lab File: VX032542.D

Acq: 02 Nov 2022 16:50

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2022

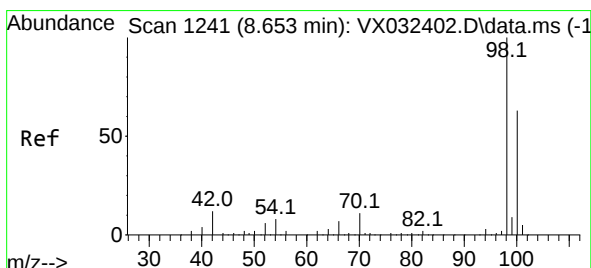
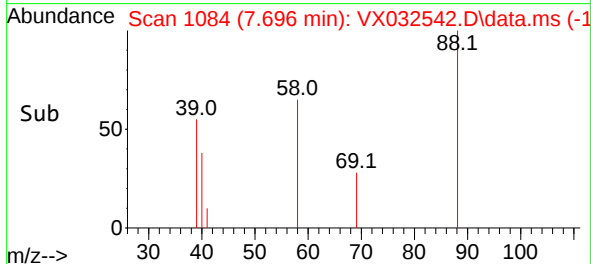
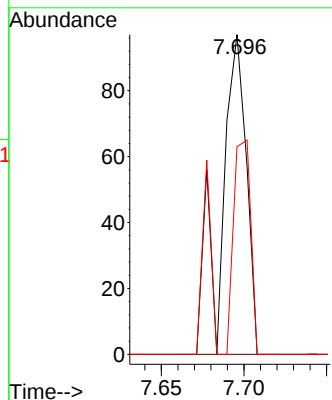
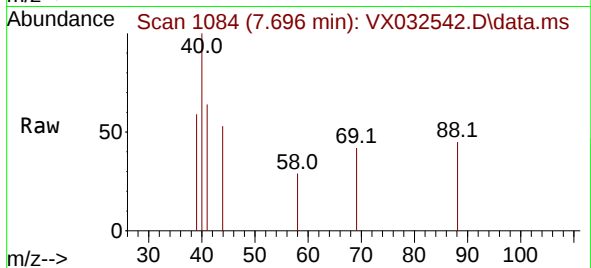
Tgt Ion: 88 Resp: 100
 Ion Ratio Lower Upper
 88 100
 43 0.0 26.6 39.8
 58 45.6 51.7 77.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/03/2022

Supervised By :Mahesh Dadoda 11/03/2022



#50

Toluene-d8

Concen: 50.771 ug/l

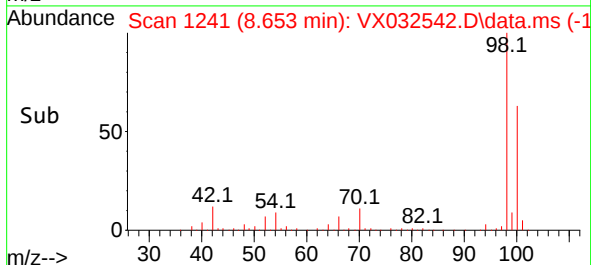
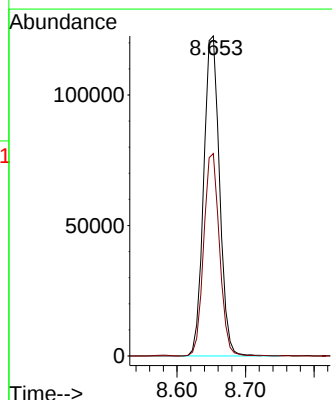
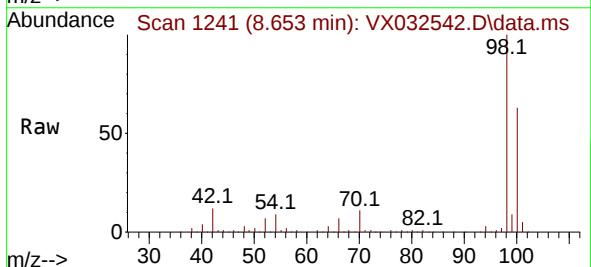
RT: 8.653 min Scan# 1241

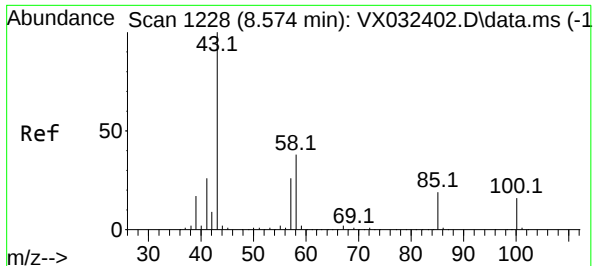
Delta R.T. 0.000 min

Lab File: VX032542.D

Acq: 02 Nov 2022 16:50

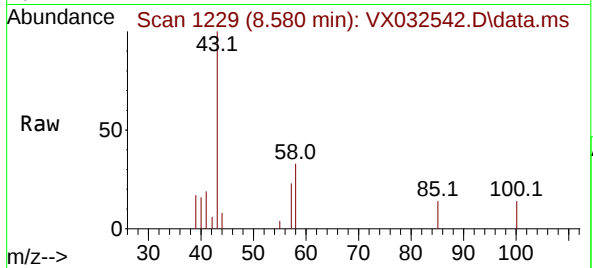
Tgt Ion: 98 Resp: 197856
 Ion Ratio Lower Upper
 98 100
 100 62.9 50.9 76.3





#51
4-Methyl-2-Pentanone
Concen: 1.931 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX032542.D
Acq: 02 Nov 2022 16:50

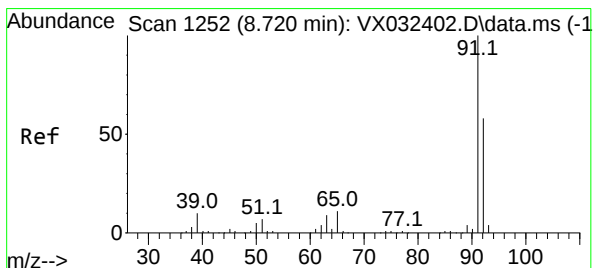
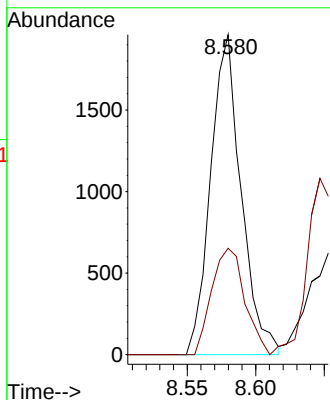
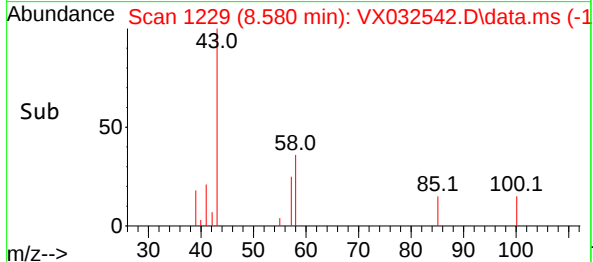
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2022



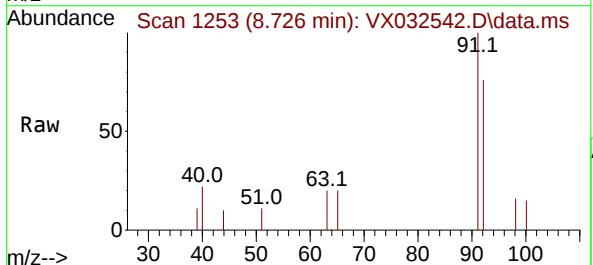
Tgt Ion: 43 Resp: 303
Ion Ratio Lower Upper
43 100
58 36.0 30.9 46.3

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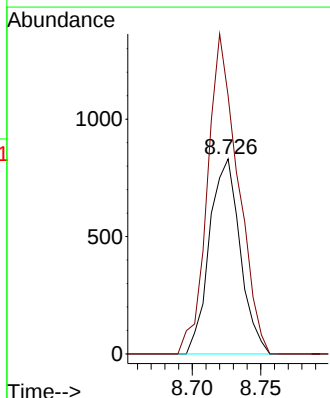
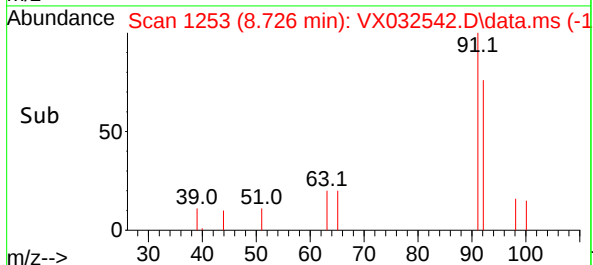
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#52
Toluene
Concen: 0.449 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX032542.D
Acq: 02 Nov 2022 16:50



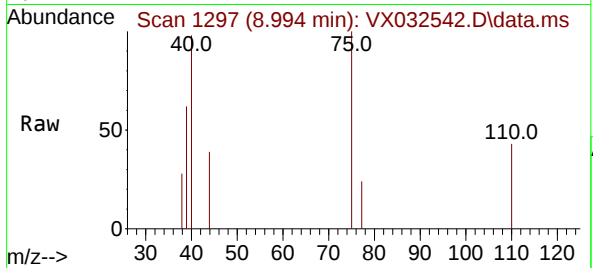
Tgt Ion: 92 Resp: 1294
Ion Ratio Lower Upper
92 100
91 163.4 138.3 207.5





#53
t-1,3-Dichloropropene
Concen: 0.238 ug/l
RT: 8.994 min Scan# 1195
Delta R.T. 0.012 min
Lab File: VX032542.D
Acq: 02 Nov 2022 16:50

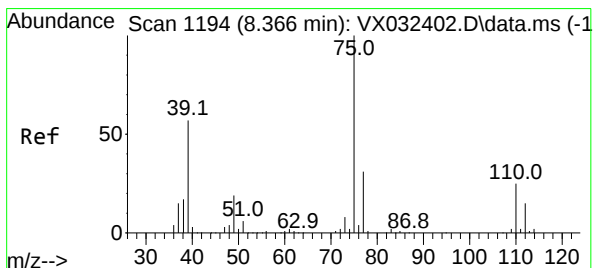
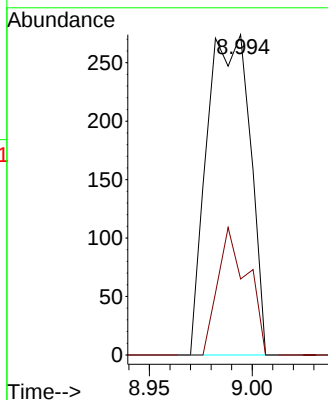
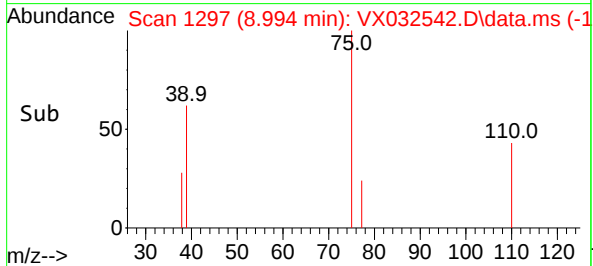
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2022



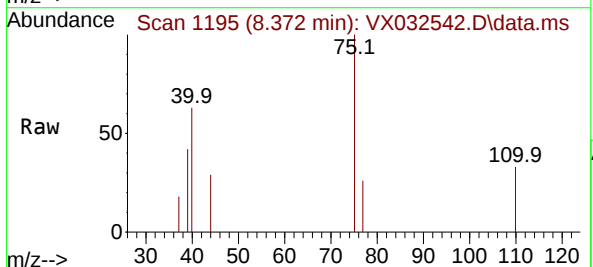
Tgt Ion: 75 Resp: 400
Ion Ratio Lower Upper
75 100
77 23.7 25.1 37.7

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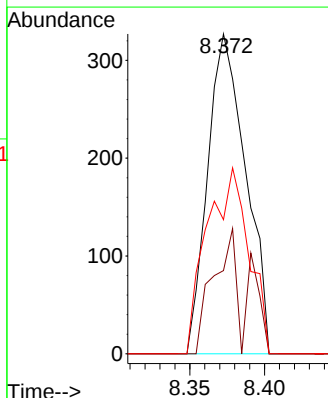
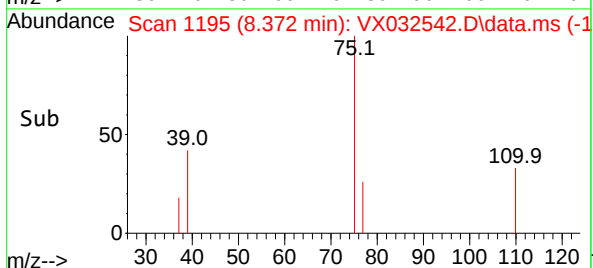
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#54
cis-1,3-Dichloropropene
Concen: 0.322 ug/l
RT: 8.372 min Scan# 1195
Delta R.T. 0.006 min
Lab File: VX032542.D
Acq: 02 Nov 2022 16:50



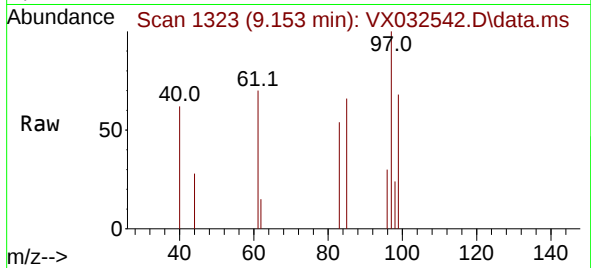
Tgt Ion: 75 Resp: 579
Ion Ratio Lower Upper
75 100
77 26.0 25.1 37.7
39 41.9 45.5 68.3





#55
1,1,2-Trichloroethane
Concen: 0.458 ug/l
RT: 9.153 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VX032542.D
Acq: 02 Nov 2022 16:50

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

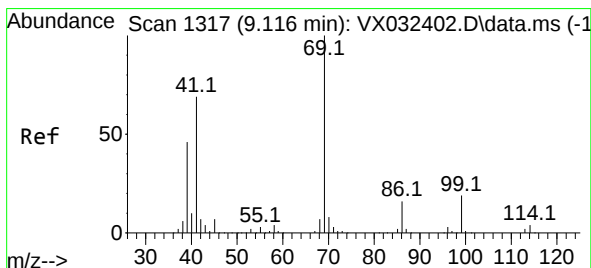
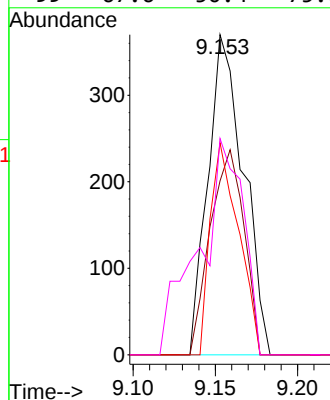
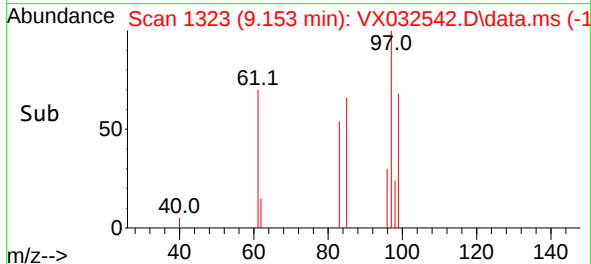


Tgt Ion: 97 Resp: 550

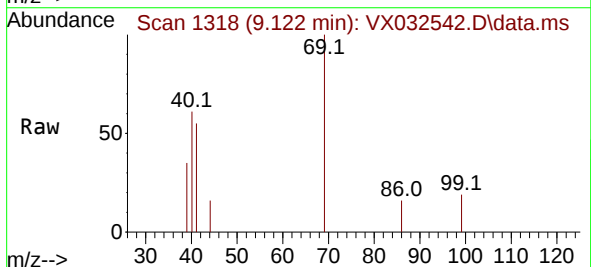
Ion	Ratio	Lower	Upper
97	100		
83	54.3	68.1	102.1
85	66.2	43.3	64.9
99	67.6	50.4	75.6

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

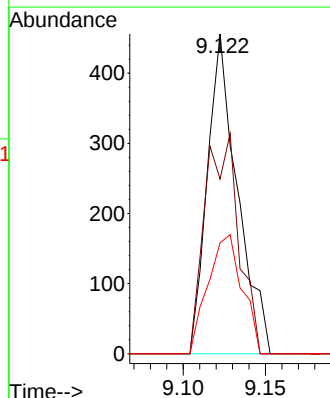
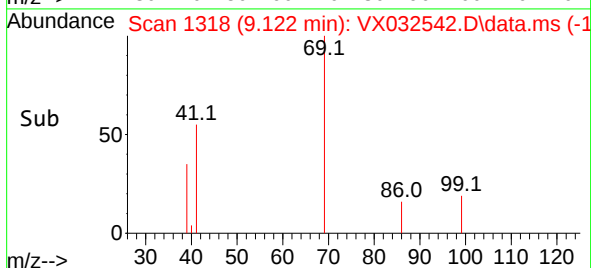


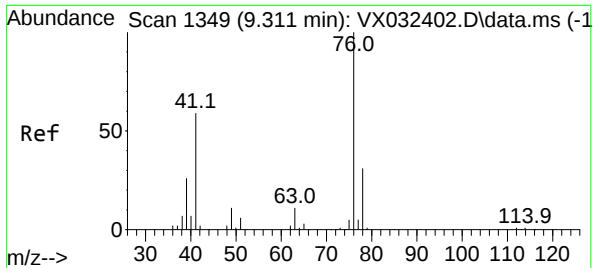
#56
Ethyl methacrylate
Concen: 0.332 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VX032542.D
Acq: 02 Nov 2022 16:50



Tgt Ion: 69 Resp: 579

Ion	Ratio	Lower	Upper
69	100		
41	77.2	54.3	81.5
39	42.3	35.2	52.8





#57

1,3-Dichloropropane

Concen: 0.375 ug/l

RT: 9.317 min Scan# 1135

Delta R.T. 0.006 min

Lab File: VX032542.D

Acq: 02 Nov 2022 16:50

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2022

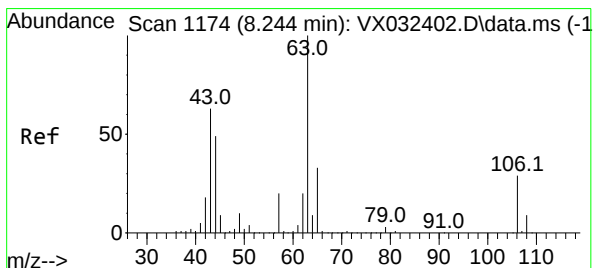
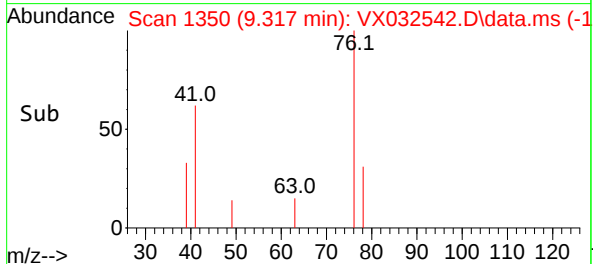
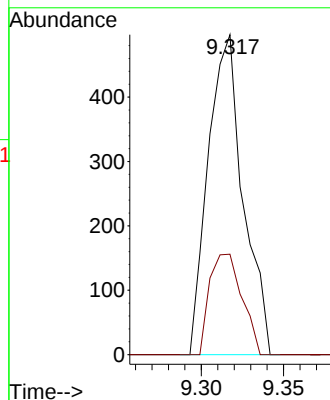
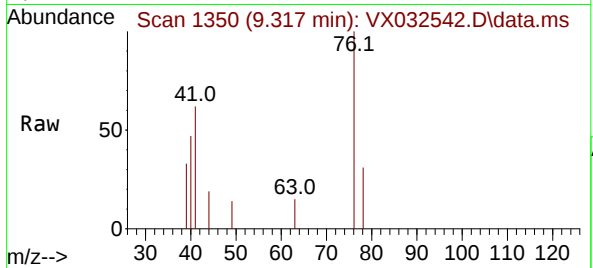
Tgt Ion: 76 Resp: 734
 Ion Ratio Lower Upper
 76 100
 78 29.2 26.0 39.0

Manual Integrations

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Reviewed By :John Carlone 11/03/2022

Supervised By :Mahesh Dadoda 11/03/2022



#58

2-Chloroethyl Vinyl ether

Concen: 1.845 ug/l

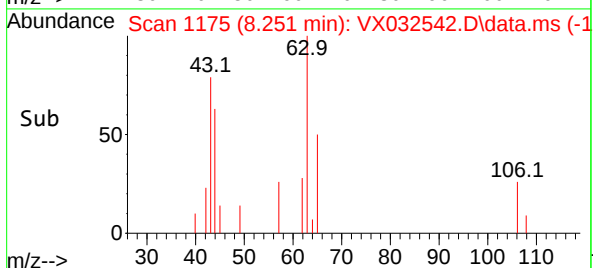
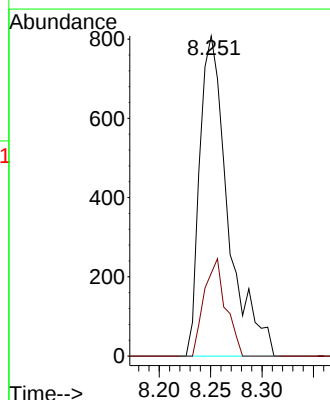
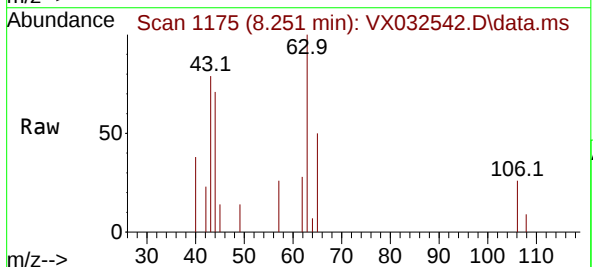
RT: 8.251 min Scan# 1175

Delta R.T. 0.006 min

Lab File: VX032542.D

Acq: 02 Nov 2022 16:50

Tgt Ion: 63 Resp: 1551
 Ion Ratio Lower Upper
 63 100
 106 23.3 23.3 34.9#





#59

2-Hexanone

Concen: 1.796 ug/l

RT: 9.445 min Scan# 1371

Delta R.T. 0.012 min

Lab File: VX032542.D

Acq: 02 Nov 2022 16:50

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2022

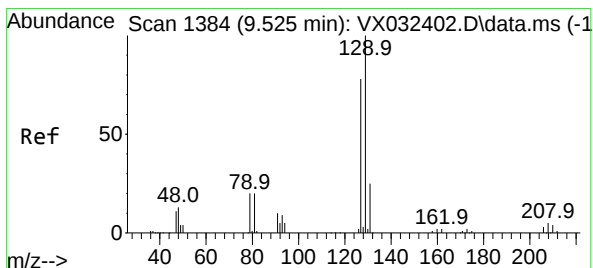
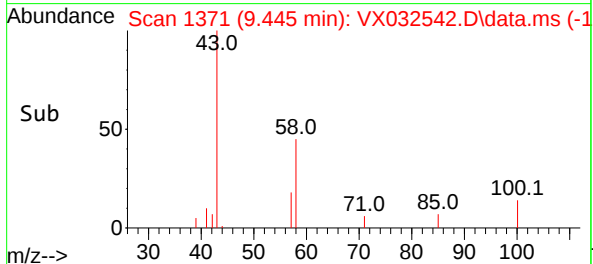
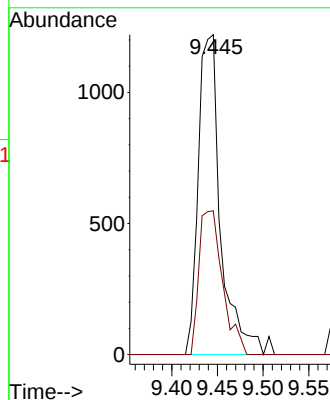
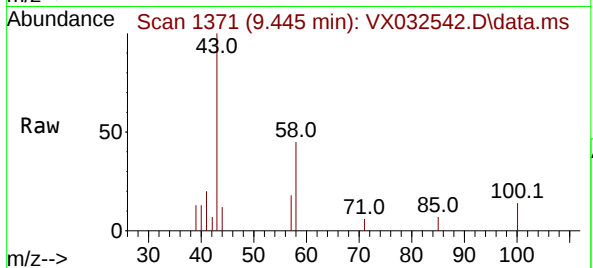
Tgt Ion: 43 Resp: 2094
 Ion Ratio Lower Upper
 43 100
 58 47.0 26.5 79.5

Manual Integrations

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Reviewed By :John Carlone 11/03/2022

Supervised By :Mahesh Dadoda 11/03/2022



#60

Dibromochloromethane

Concen: 0.355 ug/l

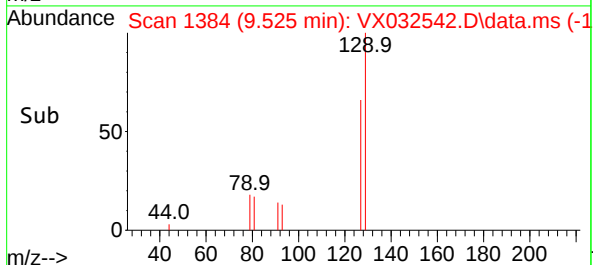
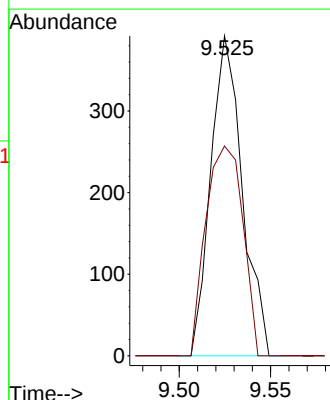
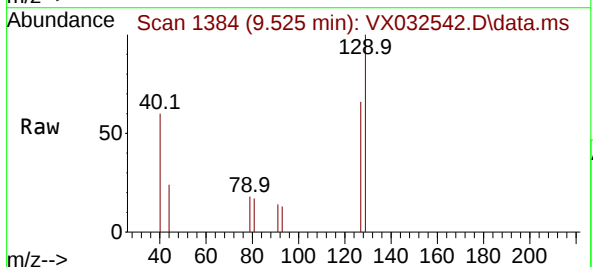
RT: 9.525 min Scan# 1384

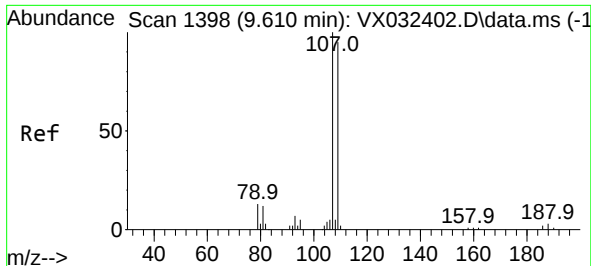
Delta R.T. 0.000 min

Lab File: VX032542.D

Acq: 02 Nov 2022 16:50

Tgt Ion:129 Resp: 471
 Ion Ratio Lower Upper
 129 100
 127 76.6 38.6 115.8





#61

1,2-Dibromoethane

Concen: 0.452 ug/l

RT: 9.616 min Scan# 1398

Delta R.T. 0.006 min

Lab File: VX032542.D

Acq: 02 Nov 2022 16:50

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2022

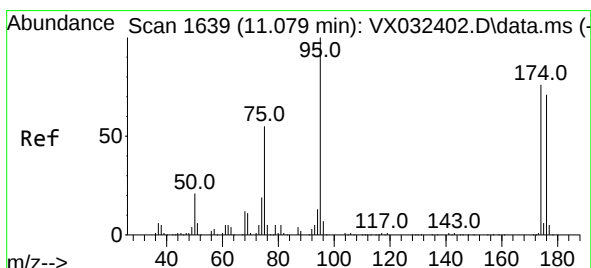
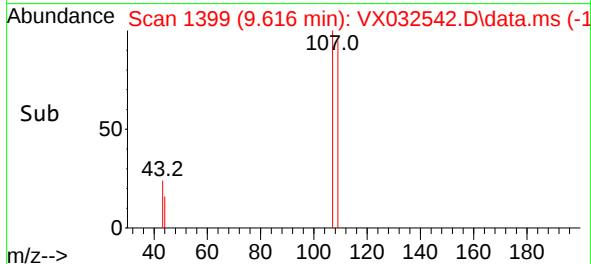
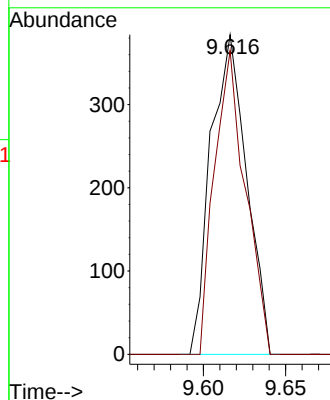
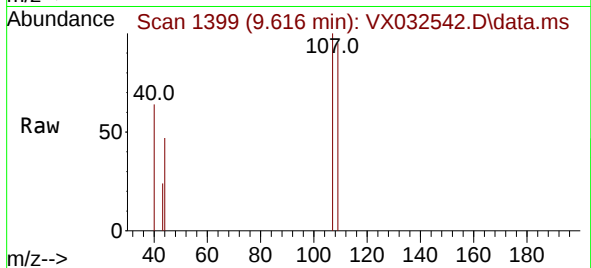
Tgt Ion:107 Resp: 583
 Ion Ratio Lower Upper
 107 100
 109 82.4 76.0 114.0

Manual Integrations

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Reviewed By :John Carlone 11/03/2022

Supervised By :Mahesh Dadoda 11/03/2022



#62

4-Bromofluorobenzene

Concen: 47.651 ug/l

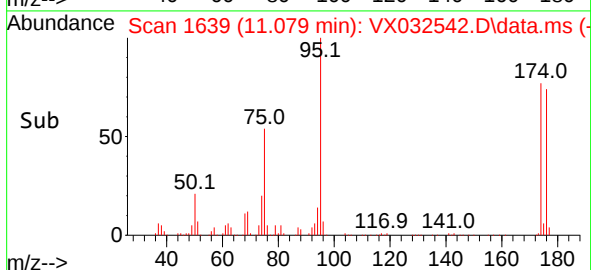
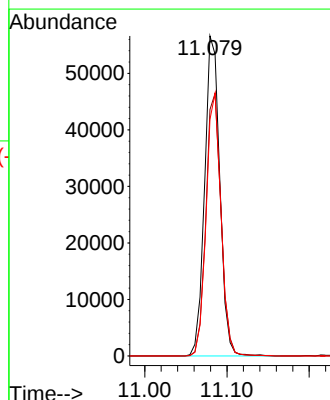
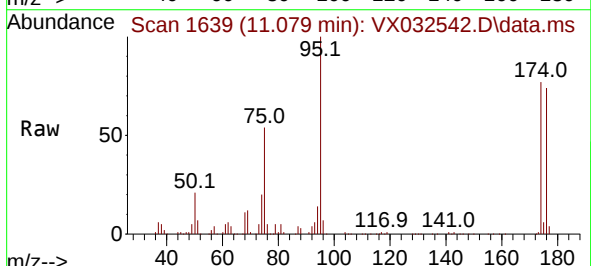
RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX032542.D

Acq: 02 Nov 2022 16:50

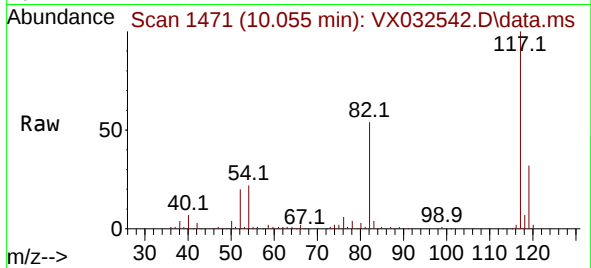
Tgt Ion: 95 Resp: 72537
 Ion Ratio Lower Upper
 95 100
 174 81.5 0.0 164.0
 176 80.2 0.0 154.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032542.D
Acq: 02 Nov 2022 16:50

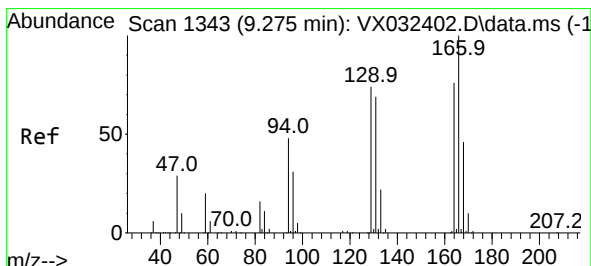
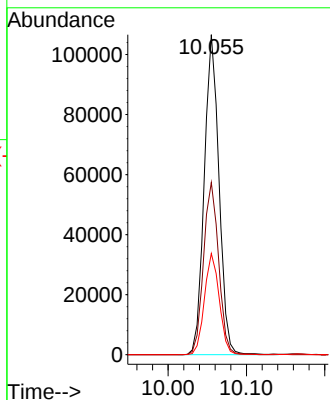
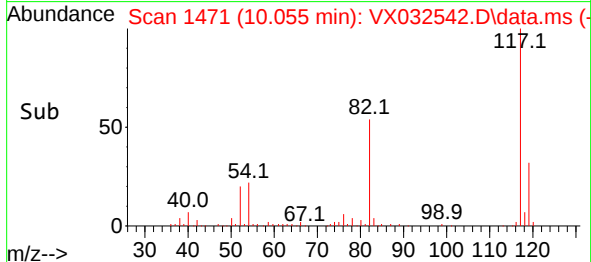
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2022



Tgt Ion:117 Resp: 139088
Ion Ratio Lower Upper
117 100
82 53.8 44.3 66.5
119 31.6 25.7 38.5

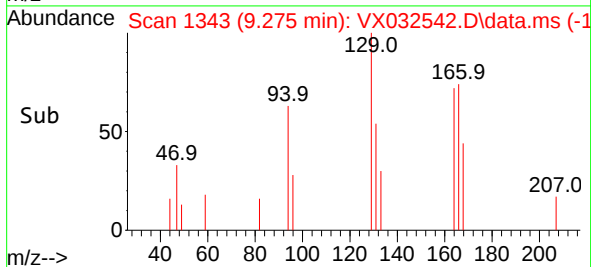
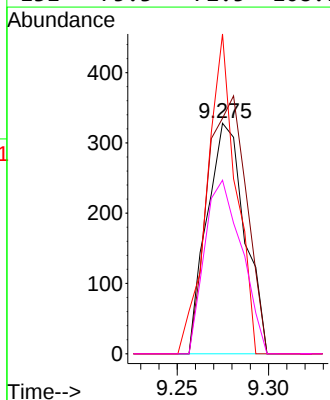
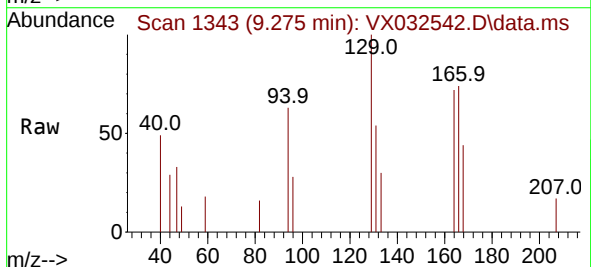
Manual Integrations
APPROVED

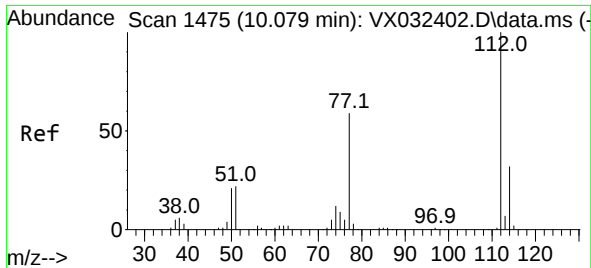
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#64
Tetrachloroethene
Concen: 0.463 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX032542.D
Acq: 02 Nov 2022 16:50

Tgt Ion:164 Resp: 471
Ion Ratio Lower Upper
164 100
166 102.1 105.4 158.2#
129 138.7 78.2 117.2#
131 75.3 72.5 108.7





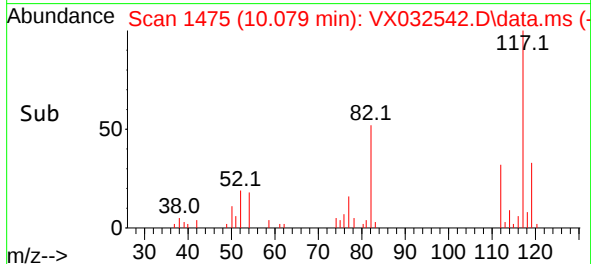
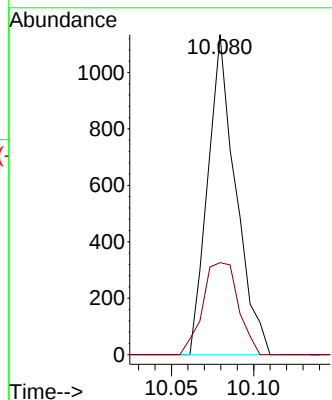
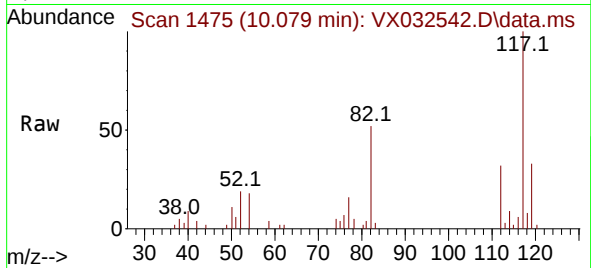
#65
Chlorobenzene
Concen: 0.429 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX032542.D
Acq: 02 Nov 2022 16:50

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

Tgt Ion:112 Resp: 1338
Ion Ratio Lower Upper
112 100
114 28.7 25.4 38.2

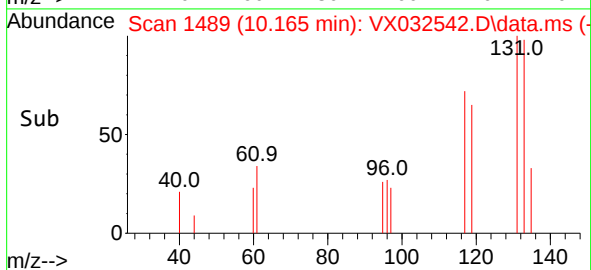
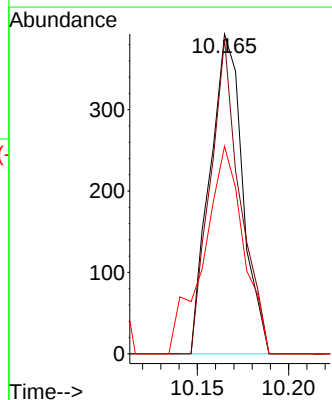
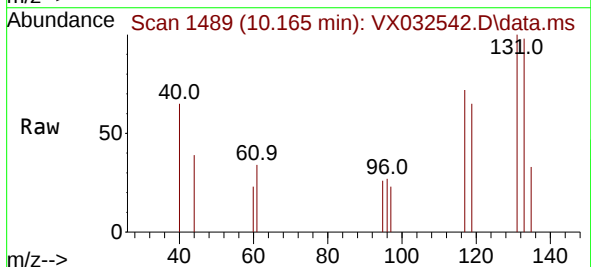
Manual Integrations
APPROVED

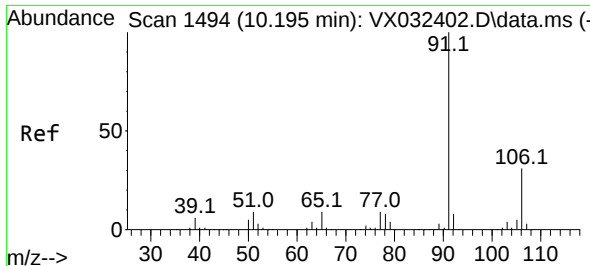
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 0.417 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX032542.D
Acq: 02 Nov 2022 16:50

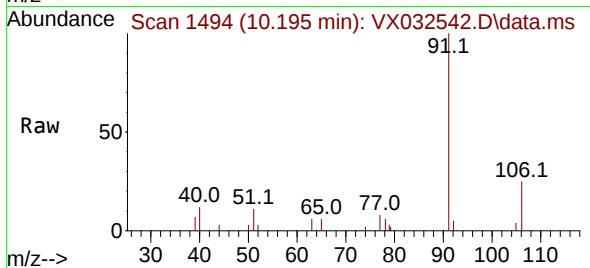
Tgt Ion:131 Resp: 489
Ion Ratio Lower Upper
131 100
133 90.0 47.6 142.9
119 0.0 32.4 97.0#





#67
Ethyl Benzene
Concen: 0.501 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX032542.D
Acq: 02 Nov 2022 16:50

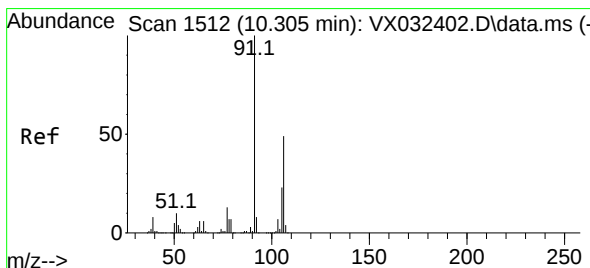
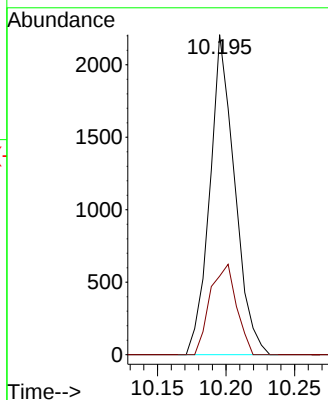
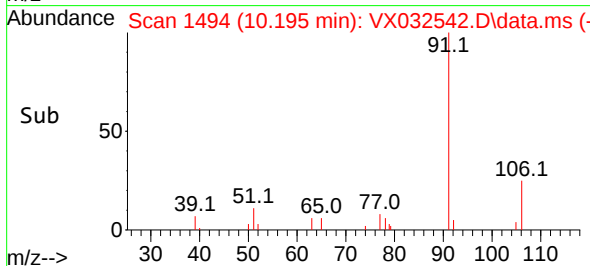
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2022



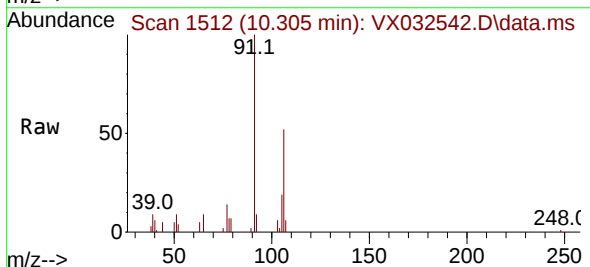
Tgt Ion: 91 Resp: 2792
Ion Ratio Lower Upper
91 100
106 24.5 25.0 37.6

Manual Integrations
APPROVED

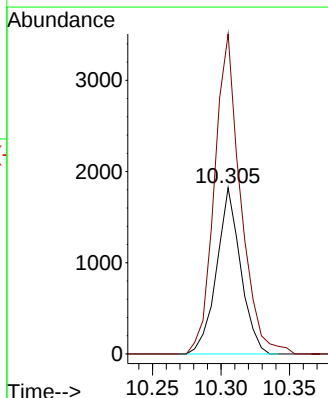
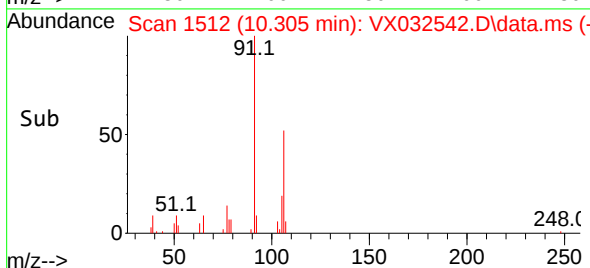
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022

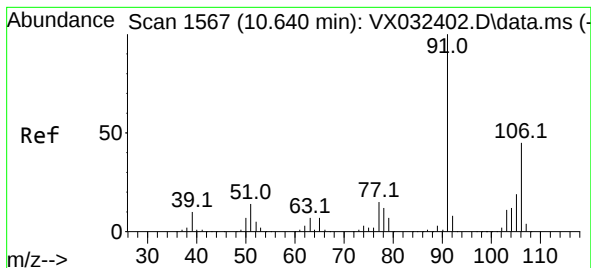


#68
m/p-Xylenes
Concen: 1.025 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX032542.D
Acq: 02 Nov 2022 16:50



Tgt Ion:106 Resp: 2217
Ion Ratio Lower Upper
106 100
91 209.1 164.5 246.7





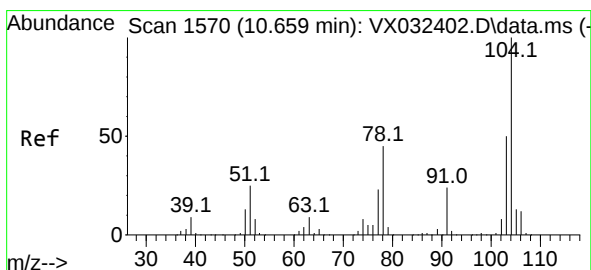
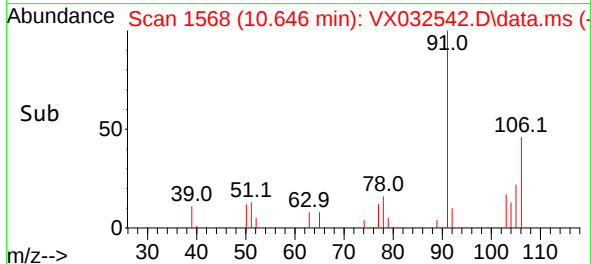
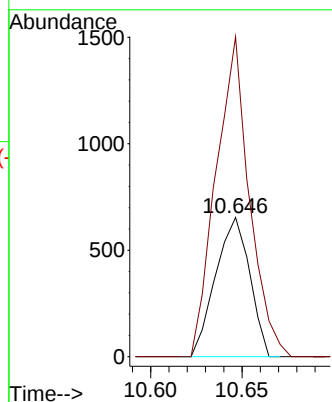
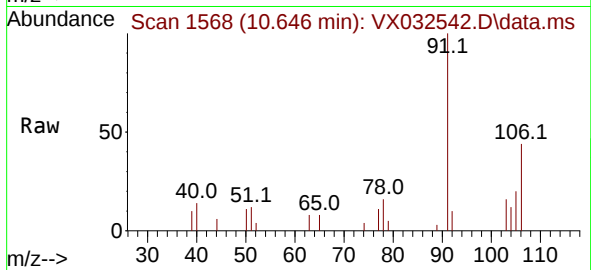
#69
o-Xylene
Concen: 0.403 ug/l
RT: 10.646 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX032542.D
Acq: 02 Nov 2022 16:50

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

Tgt Ion:106 Resp: 848
Ion Ratio Lower Upper
106 100
91 225.1 109.2 327.6

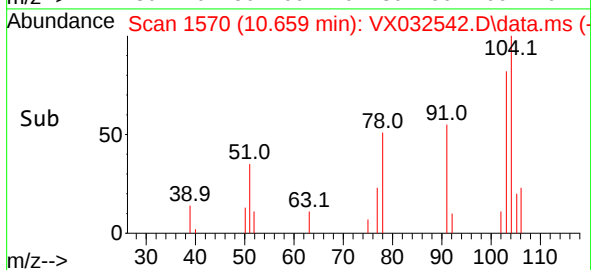
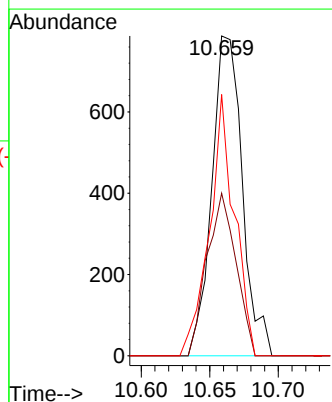
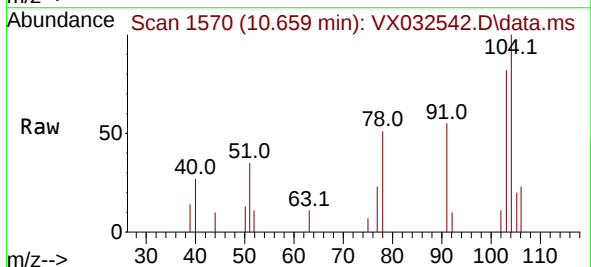
Manual Integrations
APPROVED

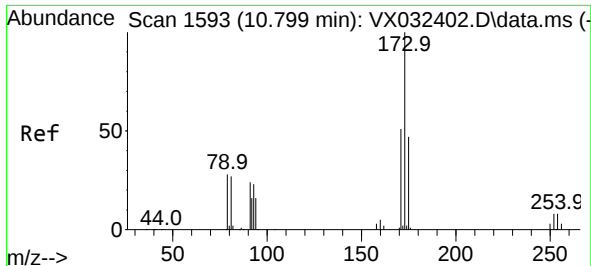
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#70
Styrene
Concen: 0.348 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX032542.D
Acq: 02 Nov 2022 16:50

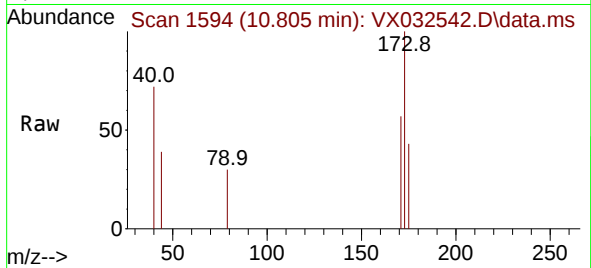
Tgt Ion:104 Resp: 1217
Ion Ratio Lower Upper
104 100
78 48.5 41.8 62.8
103 66.9 44.5 66.7#





#71
Bromoform
Concen: 0.361 ug/l
RT: 10.805 min Scan# 1594
Delta R.T. 0.006 min
Lab File: VX032542.D
Acq: 02 Nov 2022 16:50

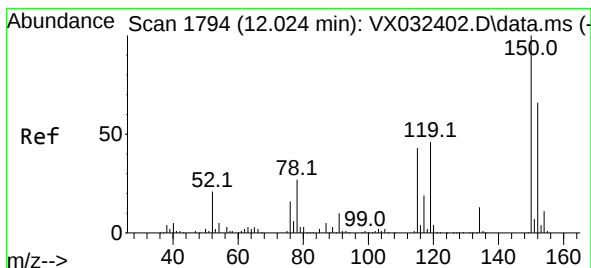
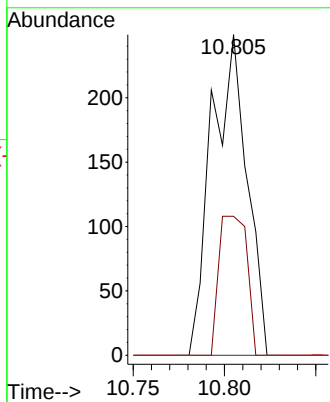
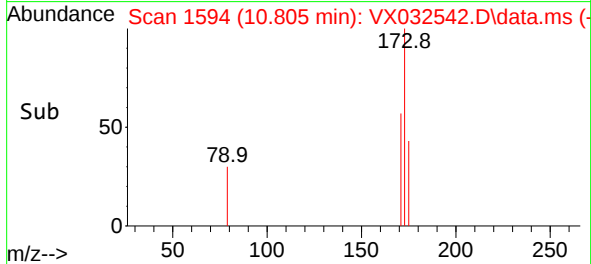
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2022



Tgt Ion:173 Resp: 335
Ion Ratio Lower Upper
173 100
175 34.6 23.9 71.8
254 0.0 0.0 0.0

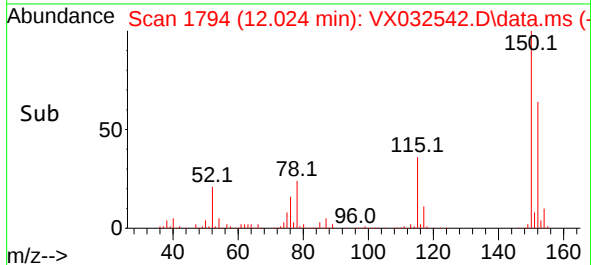
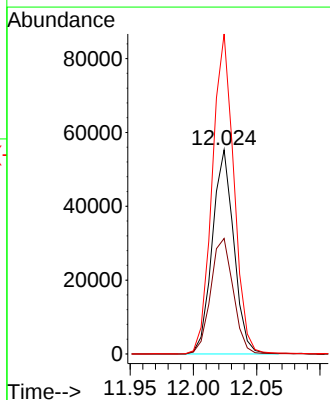
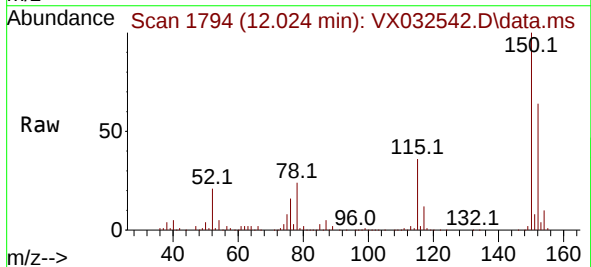
Manual Integrations
APPROVED

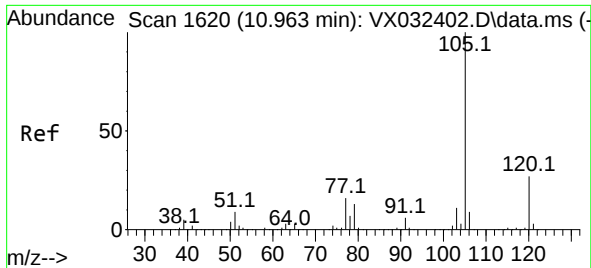
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032542.D
Acq: 02 Nov 2022 16:50

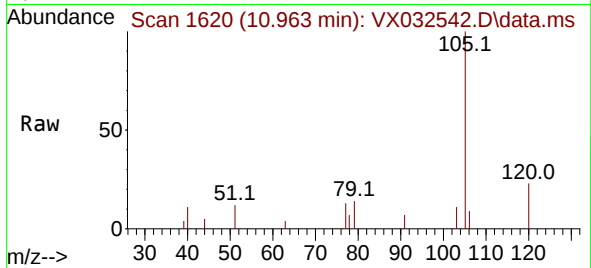
Tgt Ion:152 Resp: 65336
Ion Ratio Lower Upper
152 100
115 59.4 44.0 132.0
150 157.8 0.0 351.8





#73
Isopropylbenzene
Concen: 0.424 ug/l
RT: 10.963 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VX032542.D
Acq: 02 Nov 2022 16:50

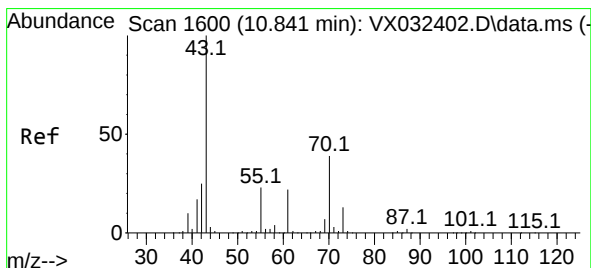
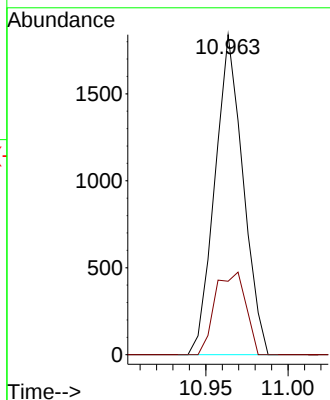
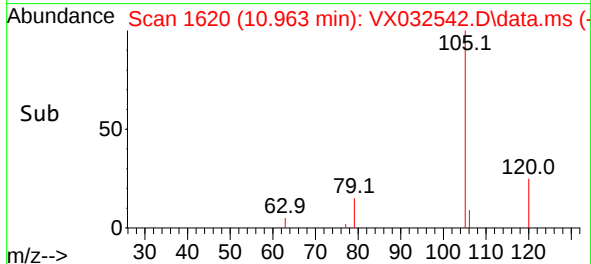
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2022



Tgt Ion:105 Resp: 2194
Ion Ratio Lower Upper
105 100
120 27.9 13.1 39.3

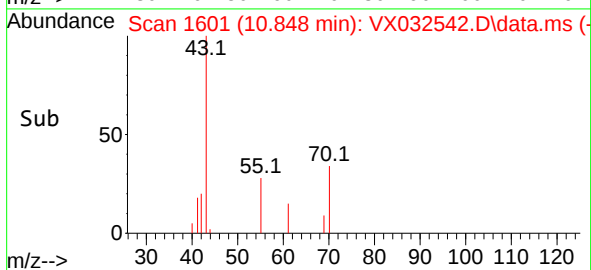
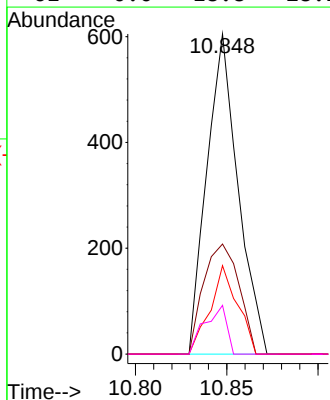
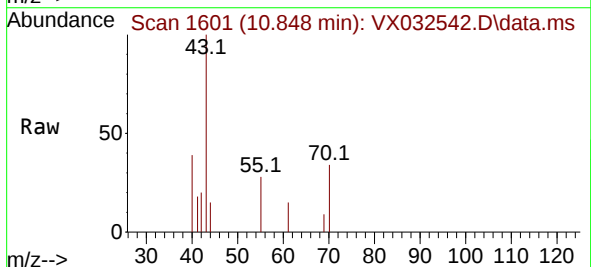
Manual Integrations
APPROVED

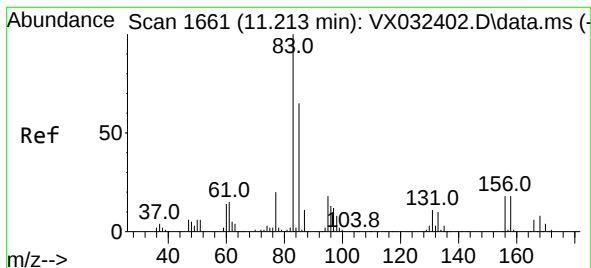
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#74
N-ethyl acetate
Concen: 0.367 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. 0.006 min
Lab File: VX032542.D
Acq: 02 Nov 2022 16:50

Tgt Ion: 43 Resp: 718
Ion Ratio Lower Upper
43 100
70 39.0 33.6 50.4
55 24.4 19.4 29.2
61 0.0 18.8 28.2#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.392 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX032542.D

Acq: 02 Nov 2022 16:50

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2022

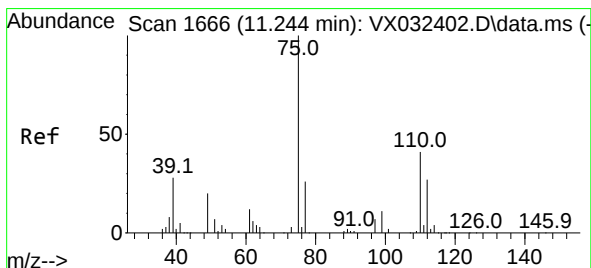
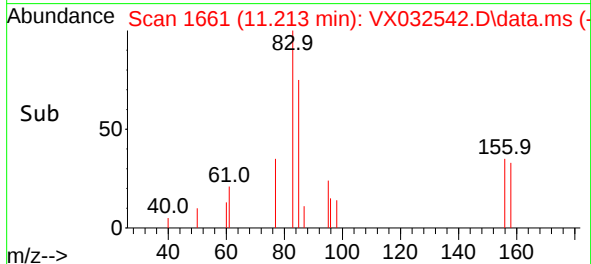
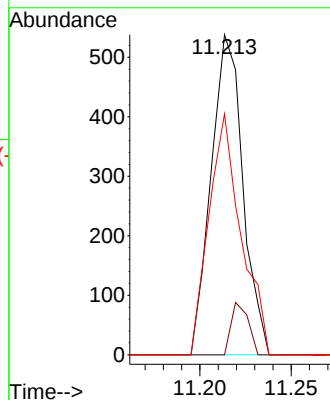
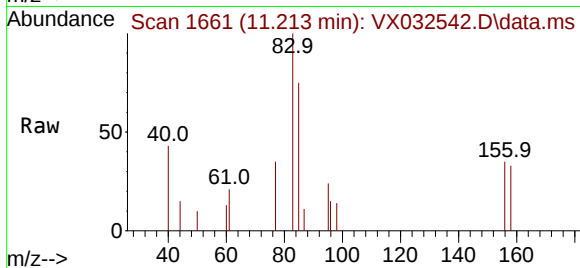
Tgt Ion: 83	Resp: 65
Ion Ratio	Lower Upper
83 100	
131 8.8	5.4 16.2
85 76.3	31.9 95.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/03/2022

Supervised By :Mahesh Dadoda 11/03/2022



#76

1,2,3-Trichloropropane

Concen: 0.435 ug/l m

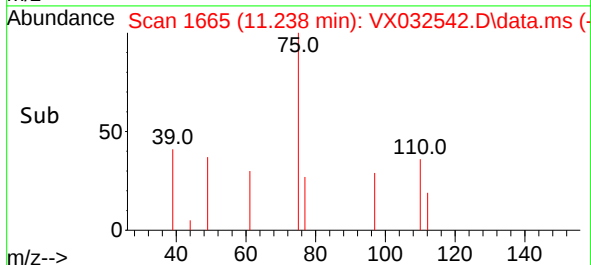
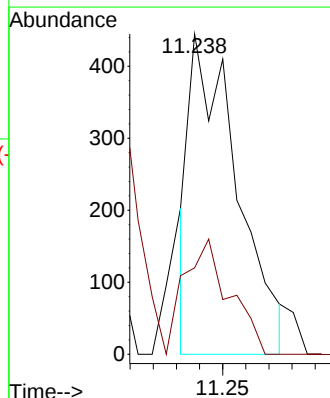
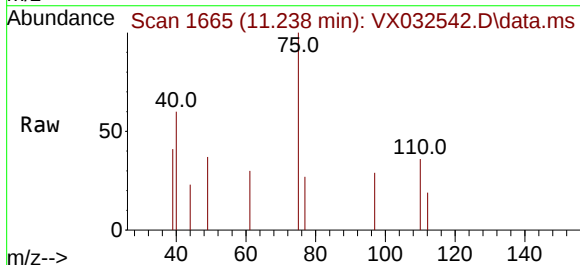
RT: 11.238 min Scan# 1665

Delta R.T. -0.006 min

Lab File: VX032542.D

Acq: 02 Nov 2022 16:50

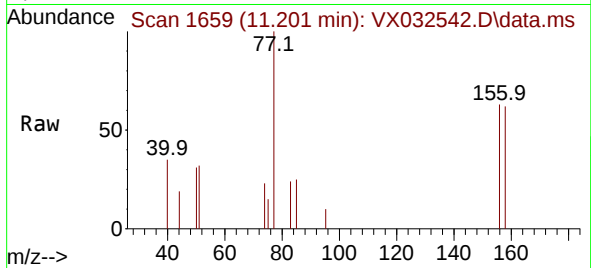
Tgt Ion: 75	Resp: 633
Ion Ratio	Lower Upper
75 100	
77 64.8	20.0 60.0#





#77
Bromobenzene
Concen: 0.398 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX032542.D
Acq: 02 Nov 2022 16:50

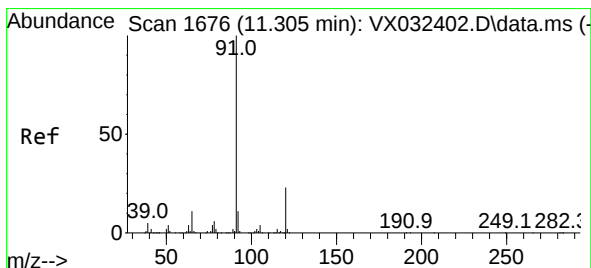
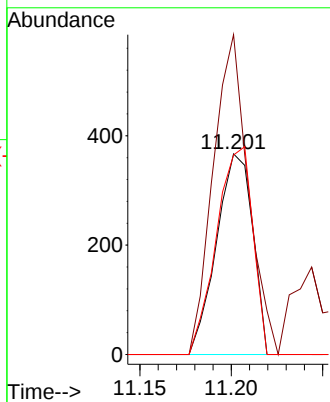
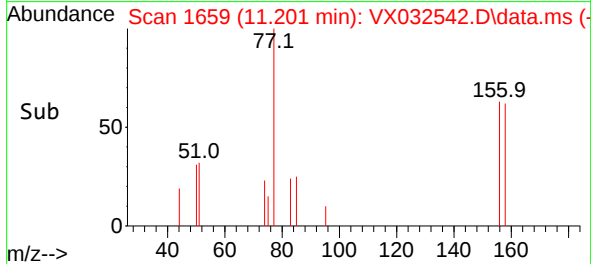
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2022



Tgt Ion:156 Resp: 509
Ion Ratio Lower Upper
156 100
77 154.3 76.1 228.4
158 103.8 48.8 146.3

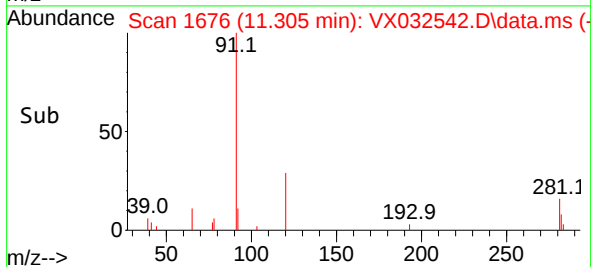
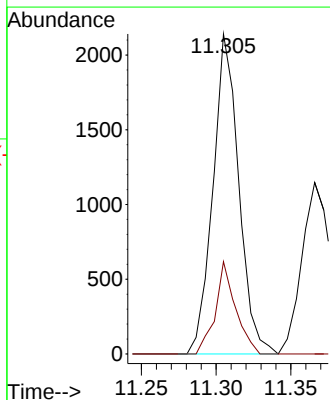
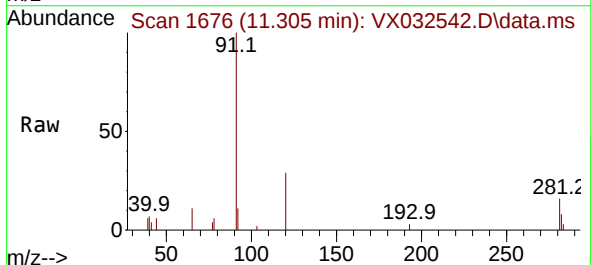
Manual Integrations
APPROVED

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



#78
n-propylbenzene
Concen: 0.431 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX032542.D
Acq: 02 Nov 2022 16:50

Tgt Ion: 91 Resp: 2569
Ion Ratio Lower Upper
91 100
120 22.7 11.6 34.8





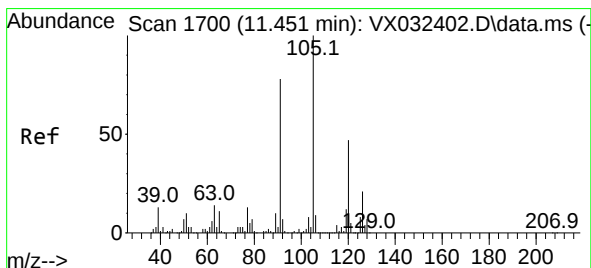
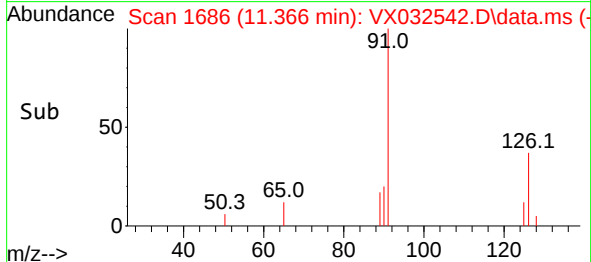
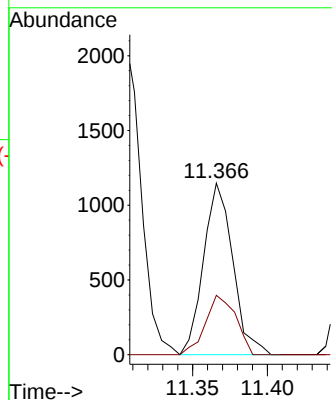
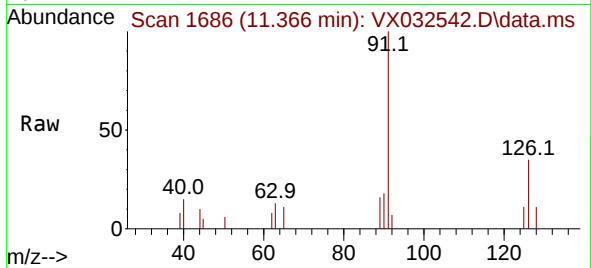
#79
2-Chlorotoluene
Concen: 0.438 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX032542.D
Acq: 02 Nov 2022 16:50

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

Tgt Ion: 91 Resp: 156
Ion Ratio Lower Upper
91 100
126 35.8 17.1 51.2

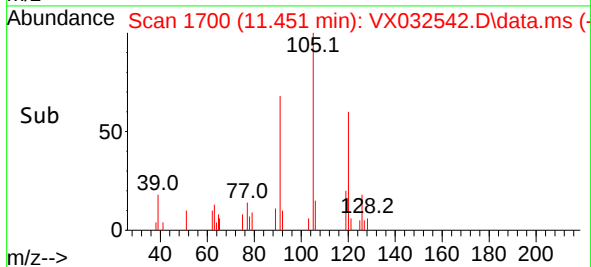
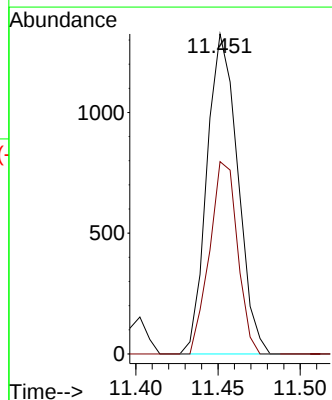
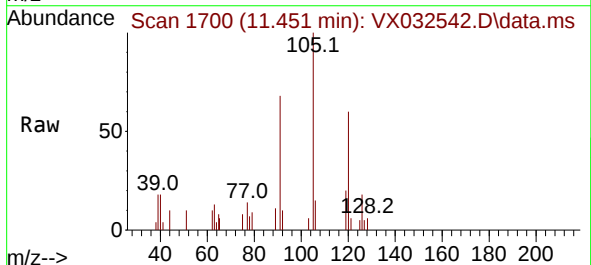
Manual Integrations
APPROVED

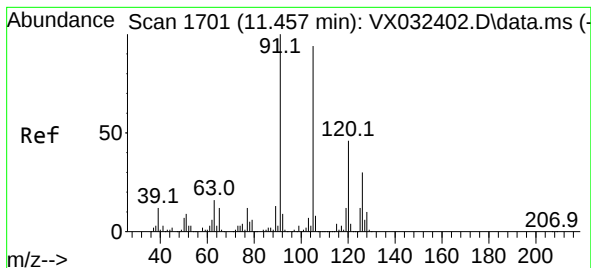
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#80
1,3,5-Trimethylbenzene
Concen: 0.390 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX032542.D
Acq: 02 Nov 2022 16:50

Tgt Ion:105 Resp: 1727
Ion Ratio Lower Upper
105 100
120 54.5 23.6 71.0





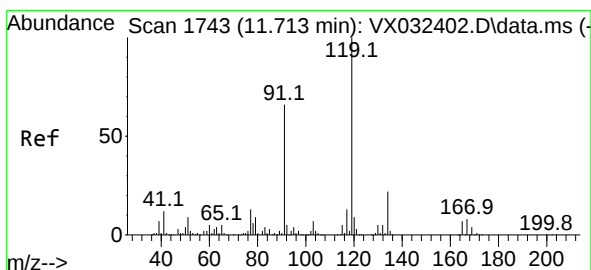
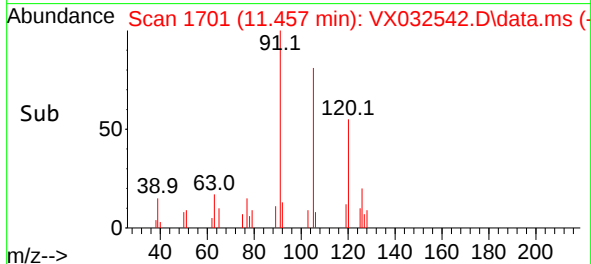
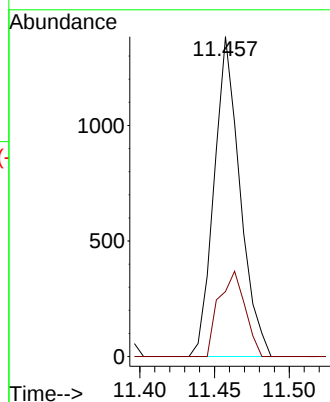
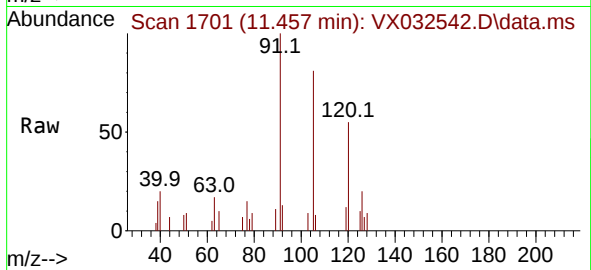
#82
4-Chlorotoluene
Concen: 0.399 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX032542.D
Acq: 02 Nov 2022 16:50

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

Tgt Ion: 91 Resp: 166
Ion Ratio Lower Upper
91 100
126 26.8 14.8 44.4

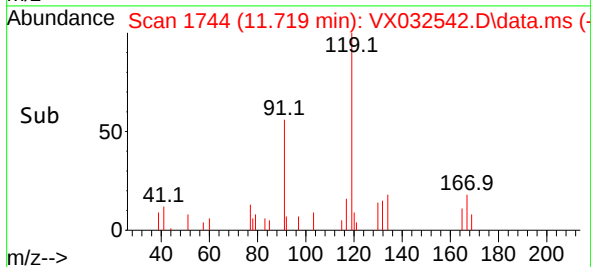
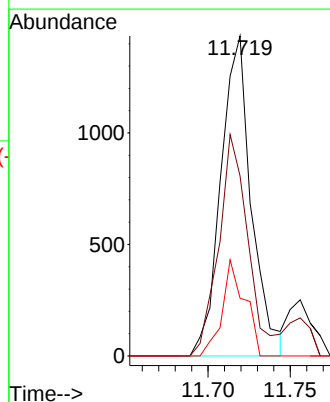
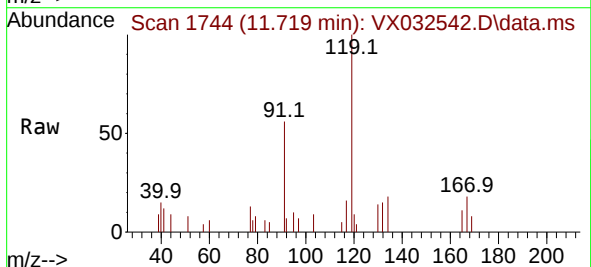
Manual Integrations
APPROVED

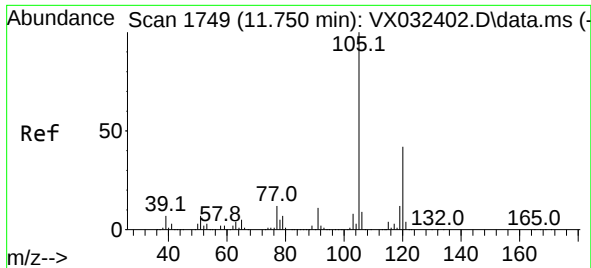
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#83
tert-Butylbenzene
Concen: 0.420 ug/l
RT: 11.719 min Scan# 1744
Delta R.T. 0.006 min
Lab File: VX032542.D
Acq: 02 Nov 2022 16:50

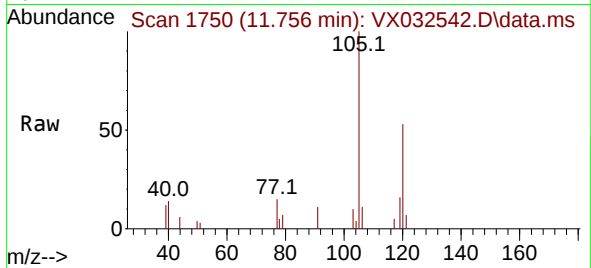
Tgt Ion:119 Resp: 1854
Ion Ratio Lower Upper
119 100
91 65.3 29.4 88.2
134 22.2 11.0 33.0





#84
1,2,4-Trimethylbenzene
Concen: 0.463 ug/l
RT: 11.756 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VX032542.D
Acq: 02 Nov 2022 16:50

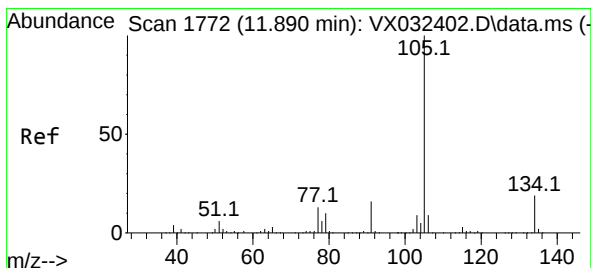
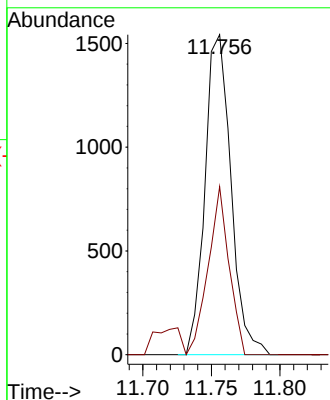
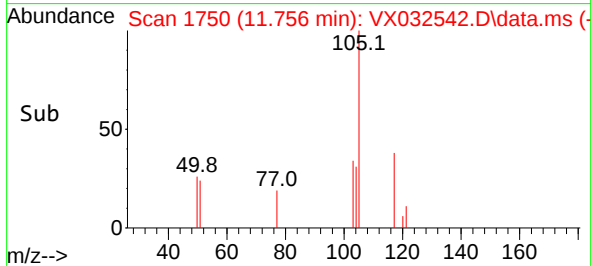
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2022



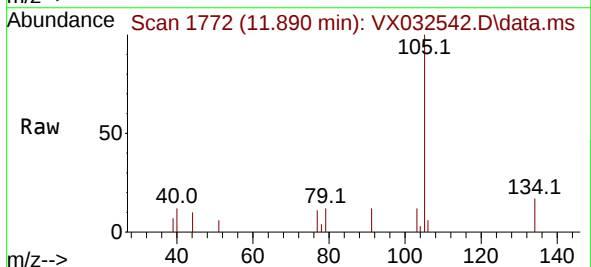
Tgt Ion:105 Resp: 203
Ion Ratio Lower Upper
105 100
120 42.2 21.9 65.5

Manual Integrations
APPROVED

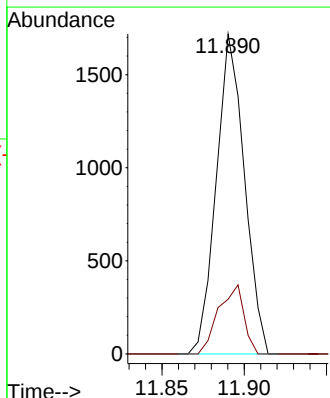
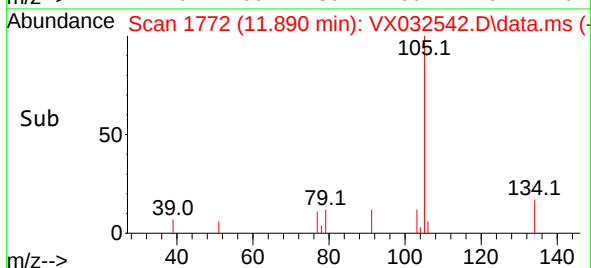
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022

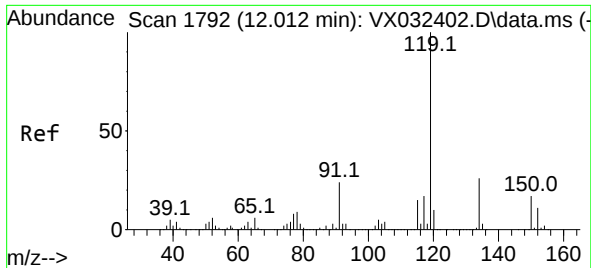


#85
sec-Butylbenzene
Concen: 0.384 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX032542.D
Acq: 02 Nov 2022 16:50



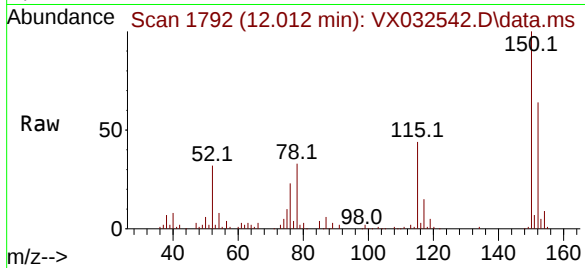
Tgt Ion:105 Resp: 2043
Ion Ratio Lower Upper
105 100
134 19.4 9.9 29.7





#86
p-Isopropyltoluene
Concen: 0.383 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VX032542.D
Acq: 02 Nov 2022 16:50

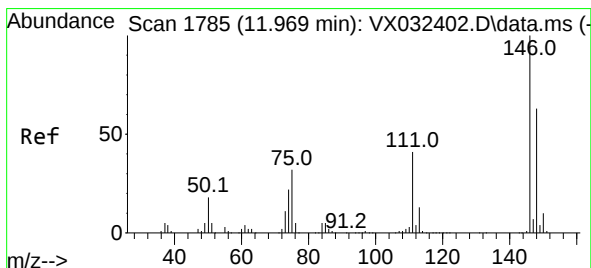
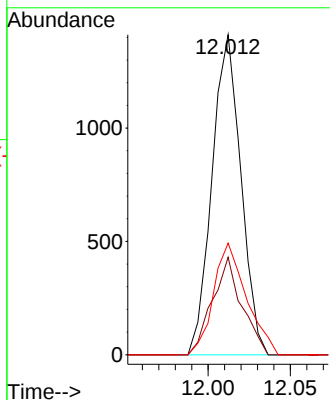
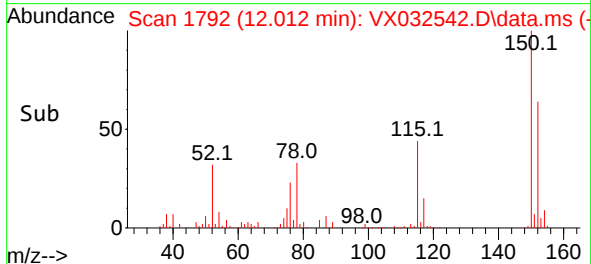
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2022



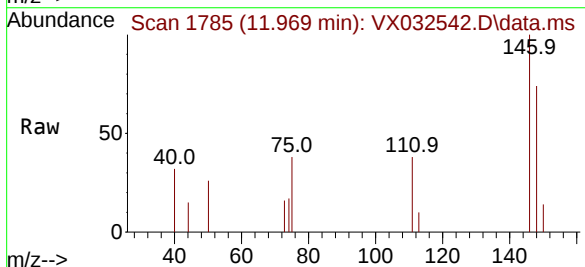
Tgt Ion:119 Resp: 1720
Ion Ratio Lower Upper
119 100
134 31.1 12.9 38.7
91 39.7 12.5 37.5

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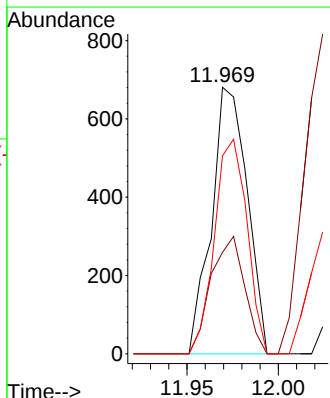
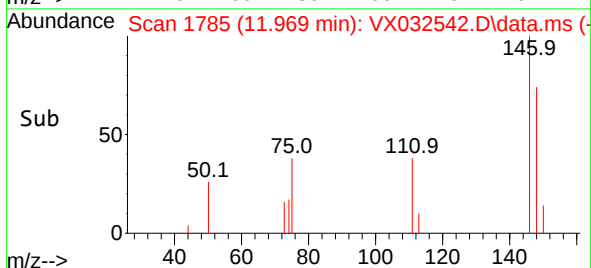
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022

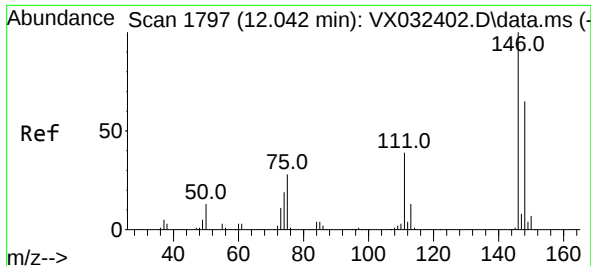


#87
1,3-Dichlorobenzene
Concen: 0.386 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX032542.D
Acq: 02 Nov 2022 16:50



Tgt Ion:146 Resp: 925
Ion Ratio Lower Upper
146 100
111 41.6 20.6 61.8
148 73.3 31.7 95.1





#88

1,4-Dichlorobenzene

Concen: 0.442 ug/l m

RT: 12.043 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX032542.D

Acq: 02 Nov 2022 16:50

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2022

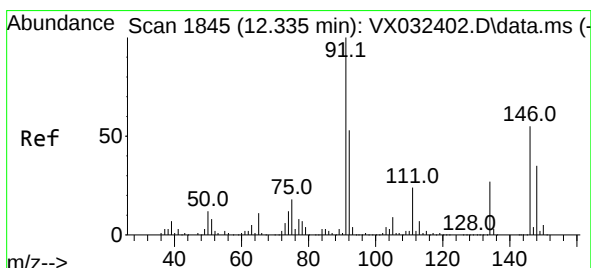
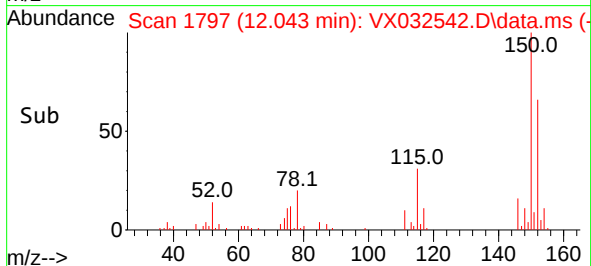
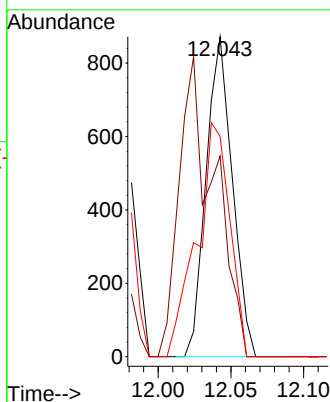
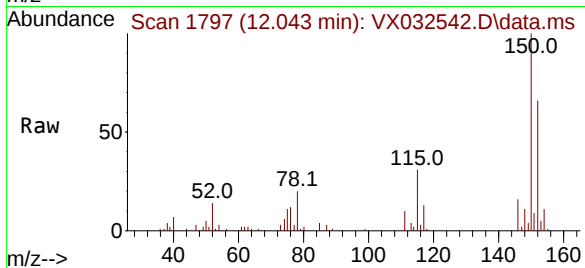
Tgt Ion:146	Resp:	109
Ion Ratio	Lower	Upper
146	100	
111	35.1	20.5 61.6
148	61.8	32.2 96.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/03/2022

Supervised By :Mahesh Dadoda 11/03/2022



#89

n-Butylbenzene

Concen: 0.331 ug/l

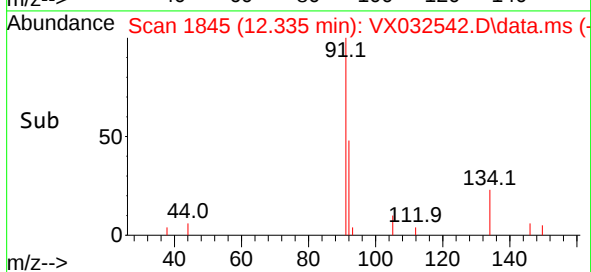
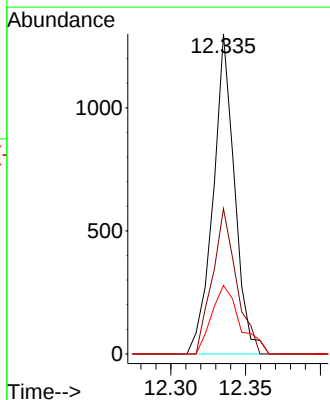
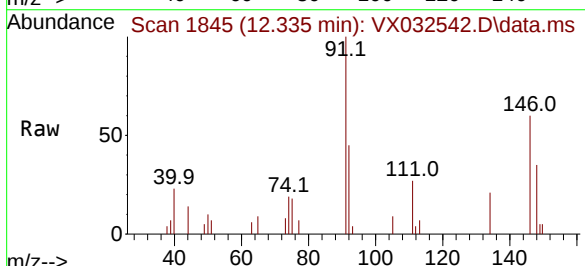
RT: 12.335 min Scan# 1845

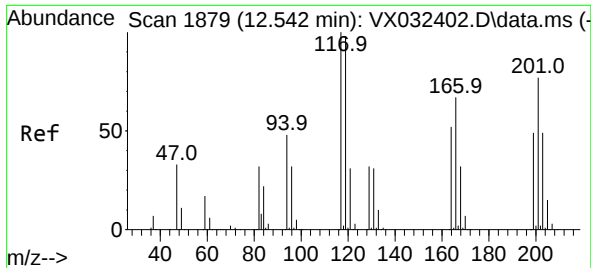
Delta R.T. 0.000 min

Lab File: VX032542.D

Acq: 02 Nov 2022 16:50

Tgt Ion: 91	Resp:	1299
Ion Ratio	Lower	Upper
91	100	
92	50.6	26.2 78.6
134	28.3	12.9 38.6





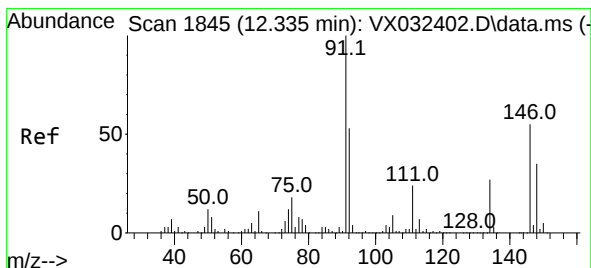
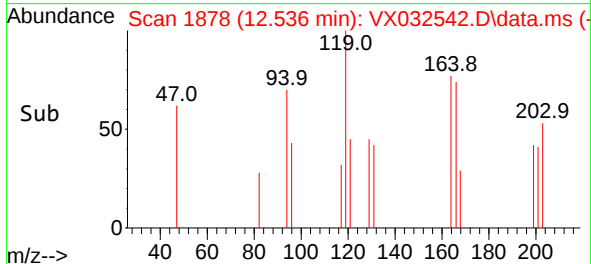
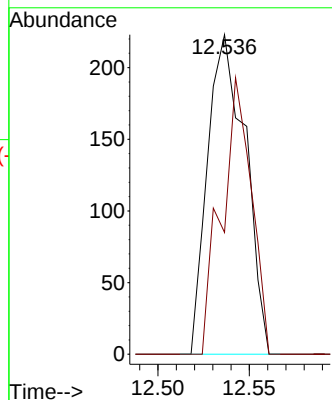
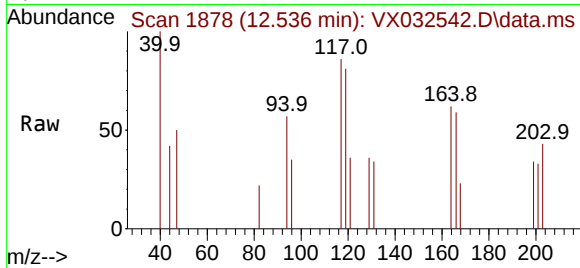
#90
Hexachloroethane
Concen: 0.434 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.006 min
Lab File: VX032542.D
Acq: 02 Nov 2022 16:50

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

Tgt Ion:117 Resp: 320
Ion Ratio Lower Upper
117 100
201 68.4 37.6 112.9

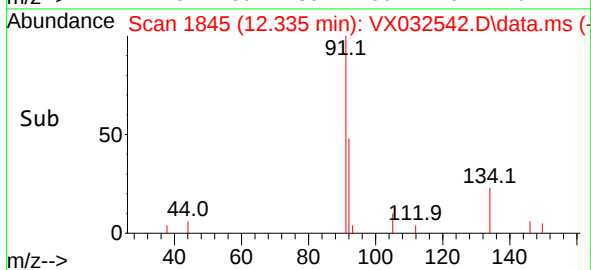
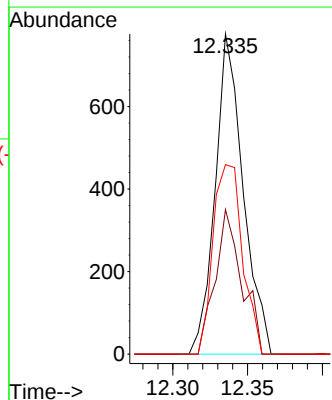
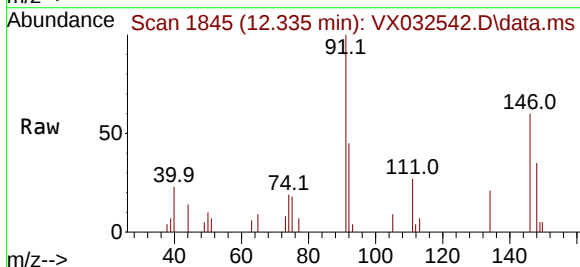
Manual Integrations
APPROVED

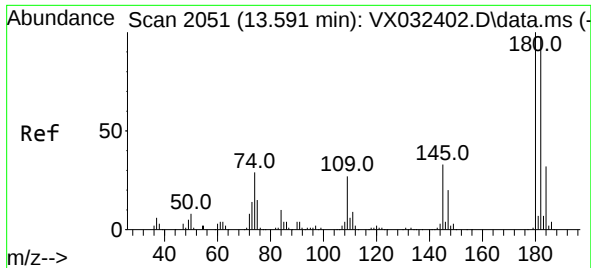
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#91
1,2-Dichlorobenzene
Concen: 0.428 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX032542.D
Acq: 02 Nov 2022 16:50

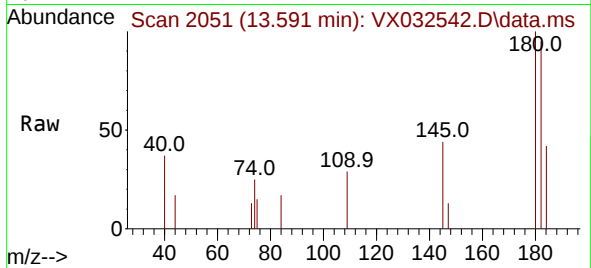
Tgt Ion:146 Resp: 1010
Ion Ratio Lower Upper
146 100
111 43.1 21.5 64.5
148 62.2 32.0 96.2





#93
1,2,4-Trichlorobenzene
Concen: 0.379 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX032542.D
Acq: 02 Nov 2022 16:50

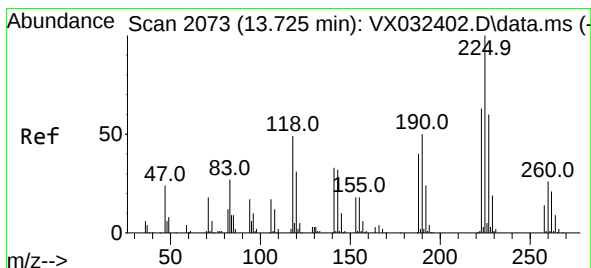
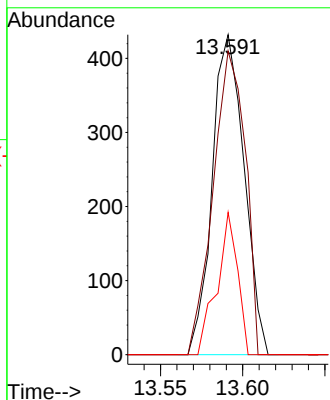
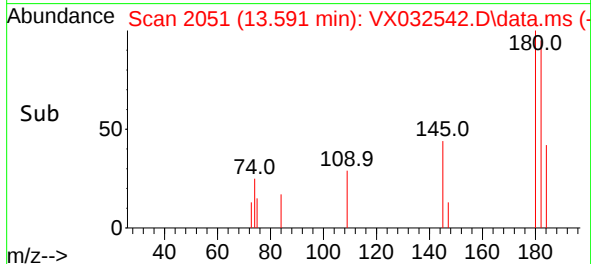
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2022



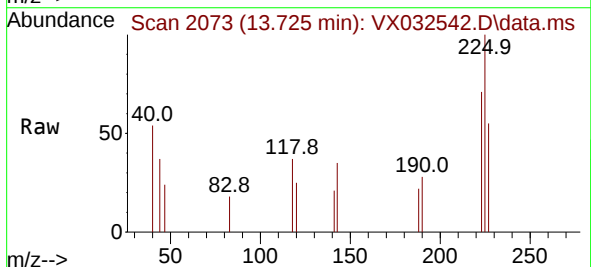
Tgt Ion:180 Resp: 584
Ion Ratio Lower Upper
180 100
182 95.7 48.4 145.0
145 28.6 16.2 48.5

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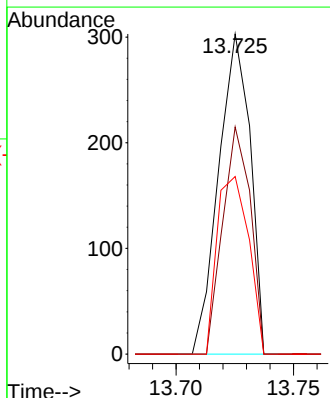
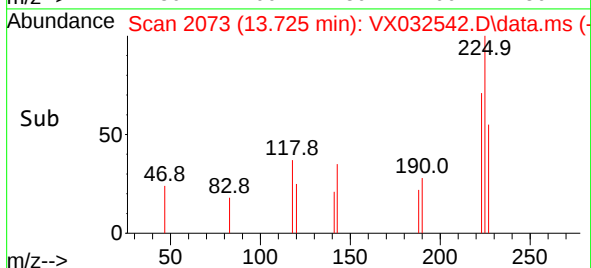
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022

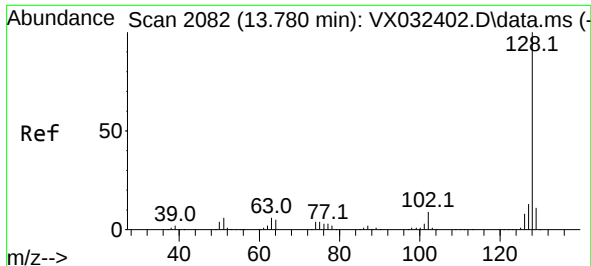


#94
Hexachlorobutadiene
Concen: 0.440 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX032542.D
Acq: 02 Nov 2022 16:50



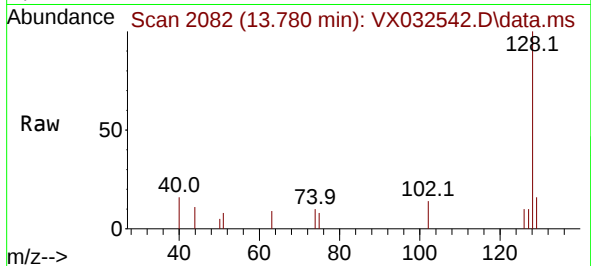
Tgt Ion:225 Resp: 283
Ion Ratio Lower Upper
225 100
223 62.2 31.9 95.9
227 55.8 31.9 95.5





#95
Naphthalene
Concen: 0.423 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX032542.D
Acq: 02 Nov 2022 16:50

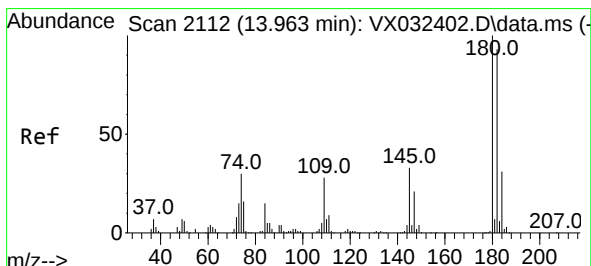
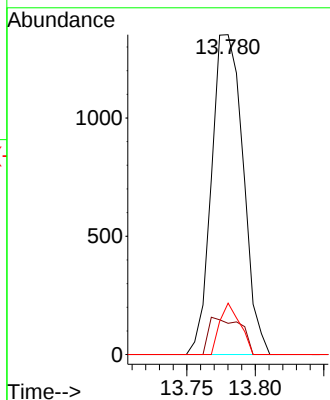
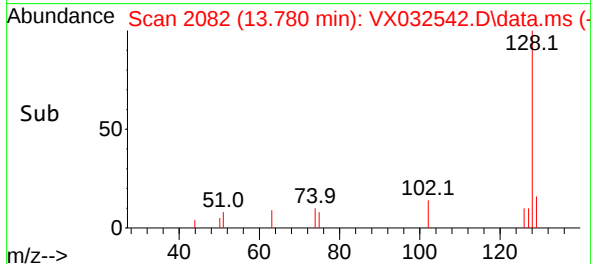
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2022



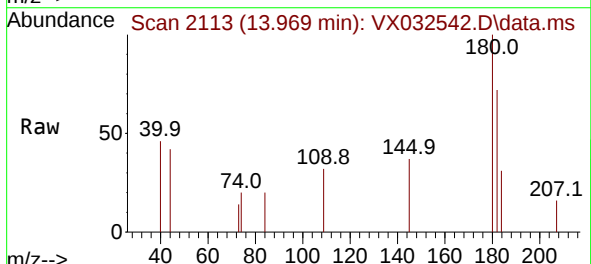
Tgt Ion:128 Resp: 2168
Ion Ratio Lower Upper
128 100
127 11.7 10.2 15.4
129 10.3 8.9 13.3

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: 0.390 ug/l
RT: 13.969 min Scan# 2113
Delta R.T. 0.006 min
Lab File: VX032542.D
Acq: 02 Nov 2022 16:50



Tgt Ion:180 Resp: 611
Ion Ratio Lower Upper
180 100
182 94.3 47.5 142.6
145 33.2 16.9 50.6

