

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080421\
 Data File : VX023534.D
 Acq On : 04 Aug 2021 11:07
 Operator : JC/MD
 Sample : M2940-09 2.5PPB MDL
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT3-2021DL

Quant Time: Aug 05 05:17:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X080321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Aug 03 12:05:42 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.903	128	40564	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.769	114	222528	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	199162	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.964	65	91994	29.325	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	97.767%		
60) 4-Bromofluorobenzene	11.085	95	87829	26.924	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	89.733%		
63) Toluene-d8	8.653	98	275591	30.746	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	102.500%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	5688	2.374	ug/l	97
3) Chloromethane	1.294	50	6624	2.451	ug/l	97
4) Vinyl Chloride	1.374	62	6102	2.257	ug/l	93
5) Bromomethane	1.605	94	5139	3.239	ug/l	94
6) Chloroethane	1.685	64	4154	2.454	ug/l	97
7) Trichlorofluoromethane	1.886	101	10518	2.409	ug/l	94
8) Diethyl Ether	2.136	74	3451	2.217	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.331	101	5572	2.284	ug/l	95
10) 1,1-Dichloroethene	2.319	96	5735	2.440	ug/l	79
11) Methyl Iodide	2.453	142	6247	1.892	ug/l	94
12) Methyl Acetate	2.715	43	7901	2.254	ug/l	97
13) Acrolein	2.239	56	5293	13.716	ug/l	100
14) Acrylonitrile	3.068	53	16589	10.699	ug/l	95
15) Acetone	2.392	58	5910	12.577	ug/l	87
16) Carbon Disulfide	2.514	76	12438	2.145	ug/l	100
17) Allyl chloride	2.666	41	9700	2.234	ug/l	98
18) Methylene Chloride	2.794	84	8608	3.114	ug/l	89
19) trans-1,2-Dichloroethene	3.093	96	5745	2.284	ug/l	95
20) Diisopropyl ether	3.763	45	19018	2.193	ug/l #	83
21) 1,1-Dichloroethane	3.611	63	10734	2.273	ug/l	99
22) cis-1,2-Dichloroethene	4.501	96	6359	2.172	ug/l #	67
23) tert-Butyl Alcohol	2.971	59	8385	11.917	ug/l #	100
24) Methyl tert-Butyl Ether	3.123	73	17874	2.168	ug/l	98
25) Chloroform	5.099	83	11171	2.306	ug/l	97
26) Cyclohexane	5.464	56	5837	1.361	ug/l #	45
29) 1,1-Dichloropropene	5.696	75	7906	2.281	ug/l	86
30) 2-Butanone	4.574	43	27100	11.665	ug/l #	58
31) 2,2-Dichloropropane	4.483	77	8096	2.066	ug/l #	56
32) 1,1,1-Trichloroethane	5.397	97	9118	2.175	ug/l	98
33) Carbon Tetrachloride	5.684	117	7657	2.100	ug/l	94
34) Benzene	6.043	78	24495	2.344	ug/l	98
35) Methacrylonitrile	4.934	41	5120	2.192	ug/l	91
36) 1,2-Dichloroethane	6.098	62	9143	2.290	ug/l	99
37) Trichloroethene	7.135	130	6456	2.274	ug/l	93
38) Methylcyclohexane	7.379	83	9675	2.195	ug/l	93
39) 1,2-Dichloropropane	7.440	63	5749	2.103	ug/l	93
40) Dibromomethane	7.580	93	4346	2.241	ug/l	98
41) Bromodichloromethane	7.830	83	7286	2.070	ug/l	90
42) Vinyl Acetate	3.733	43	78700	10.400	ug/l	99

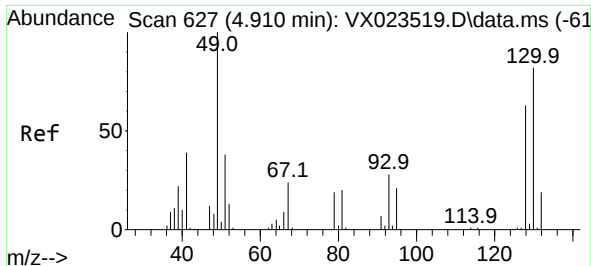
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.727	43	9907	2.299	ug/l	96
44) Isopropyl Acetate	6.348	43	14162	2.064	ug/l	99
45) 1,4-Dioxane	7.665	88	3001	42.154	ug/l	90
46) Methyl methacrylate	7.702	41	6615	1.999	ug/l	97
47) n-amyl Acetate	10.848	43	11445	1.961	ug/l	100
48) t-1,3-Dichloropropene	8.982	75	7752	1.886	ug/l	99
49) cis-1,3-Dichloropropene	8.372	75	8769	2.012	ug/l	95
50) 1,1,2-Trichloroethane	9.153	97	6071	2.167	ug/l	86
51) Ethyl methacrylate	9.116	69	8816	1.996	ug/l	93
52) 1,3-Dichloropropane	9.311	76	9932	2.160	ug/l	99
53) Dibromochloromethane	9.525	129	5242	1.862	ug/l	94
54) 1,2-Dibromoethane	9.610	107	6350	2.142	ug/l	96
55) 2-Chloroethyl vinyl ether	8.244	63	23756	10.769	ug/l	98
56) Bromoform	10.799	173	3530	1.747	ug/l	98
58) 4-Methyl-2-Pentanone	8.580	43	47045	10.957	ug/l	99
59) 2-Hexanone	9.433	43	37093	11.125	ug/l	97
61) Tetrachloroethene	9.281	164	6580	2.459	ug/l	88
62) Toluene	8.720	91	25768	2.293	ug/l	99
64) Chlorobenzene	10.079	112	16252	2.286	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.165	131	5376	2.043	ug/l	97
66) Ethyl Benzene	10.195	91	27178	2.186	ug/l	99
67) m/p-Xylenes	10.305	106	19512	4.058	ug/l	95
68) o-Xylene	10.646	106	10338	2.181	ug/l	94
69) Styrene	10.659	104	14917	1.909	ug/l	97
70) Isopropylbenzene	10.963	105	25485	2.045	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.213	83	8825	2.213	ug/l	98
72) 1,2,3-Trichloropropane	11.244	75	9466	2.526	ug/l	88
73) Bromobenzene	11.201	156	6807	2.243	ug/l	98
74) n-propylbenzene	11.305	91	28105	1.947	ug/l	98
75) 2-Chlorotoluene	11.366	91	17959	2.084	ug/l	98
76) 1,3,5-Trimethylbenzene	11.457	105	21324	2.063	ug/l	100
77) t-1,4-Dichloro-2-butene	11.024	75	2088	1.561	ug/l	96
78) 4-Chlorotoluene	11.457	91	19743	2.028	ug/l	97
79) tert-butylbenzene	11.719	119	20647	2.056	ug/l	99
80) 1,2,4-Trimethylbenzene	11.756	105	20446	1.996	ug/l	99
81) sec-Butylbenzene	11.896	105	25727	2.000	ug/l	100
82) p-Isopropyltoluene	12.012	119	20651	1.954	ug/l	99
83) 1,3-Dichlorobenzene	11.975	146	11103	2.020	ug/l	99
84) 1,4-Dichlorobenzene	12.042	146	10610	1.953	ug/l	97
85) n-Butylbenzene	12.335	91	17621	1.885	ug/l	98
86) Hexachloroethane	12.542	117	2828	1.647	ug/l	98
87) 1,2-Dichlorobenzene	12.341	146	11113	2.095	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	12.945	75	1487	1.698	ug/l	91
89) 1,2,4-Trichlorobenzene	13.591	180	5966	1.818	ug/l	95
90) Hexachlorobutadiene	13.725	225	2979	2.024	ug/l	95
91) Naphthalene	13.780	128	17946	1.592	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	5743	1.742	ug/l	97

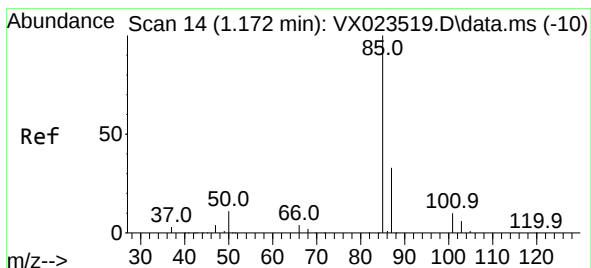
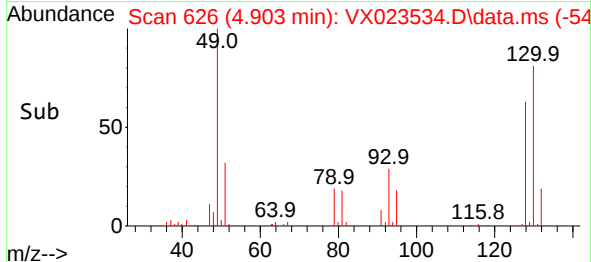
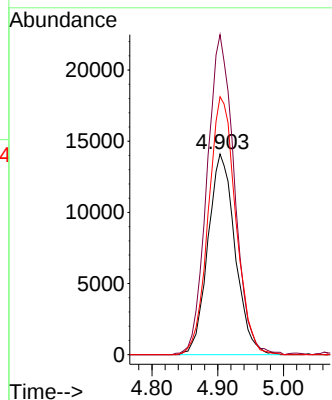
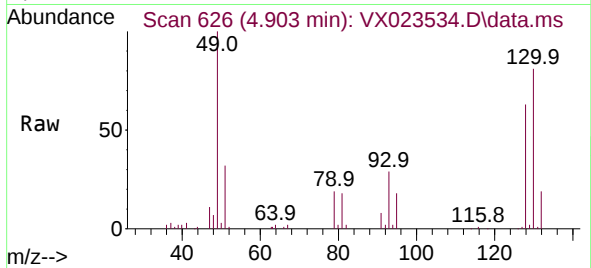
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.903 min Scan# 626
Delta R.T. -0.007 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

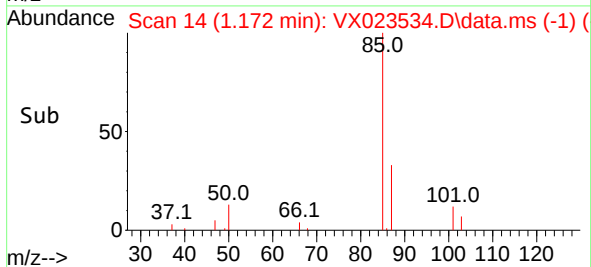
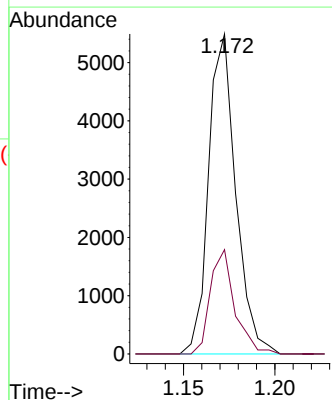
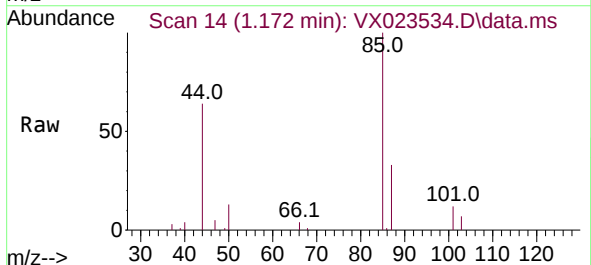
Instrument :
MSVOA_X
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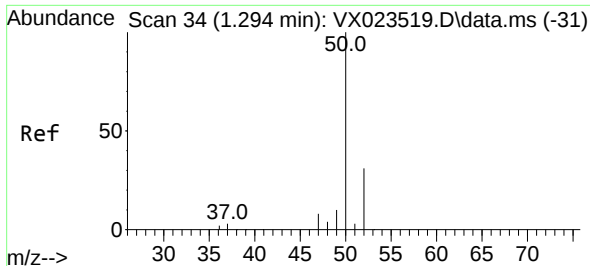
Tgt Ion:128 Resp: 40564
Ion Ratio Lower Upper
128 100
49 159.8 0.0 402.5
130 129.6 0.0 326.5



#2
Dichlorodifluoromethane
Concen: 2.374 ug/l
RT: 1.172 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

Tgt Ion: 85 Resp: 5688
Ion Ratio Lower Upper
85 100
87 32.6 15.6 46.8

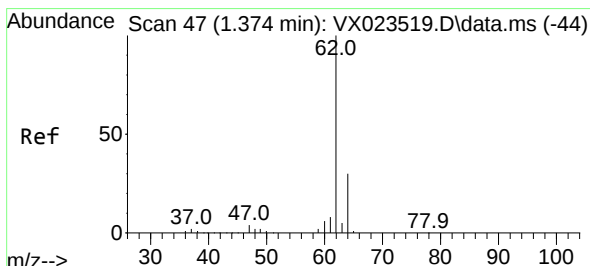
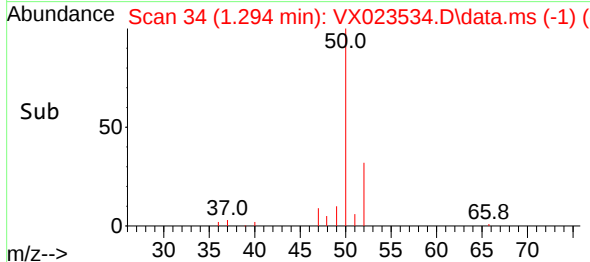
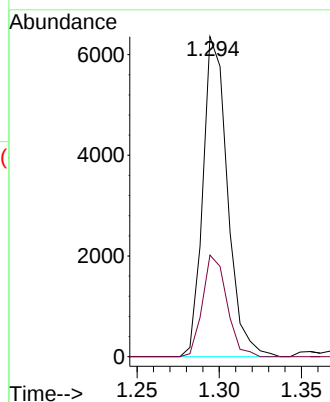
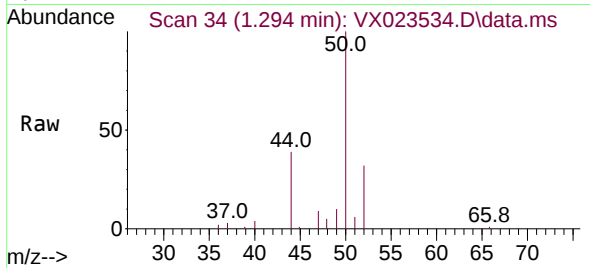




#3
Chloromethane
Concen: 2.451 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

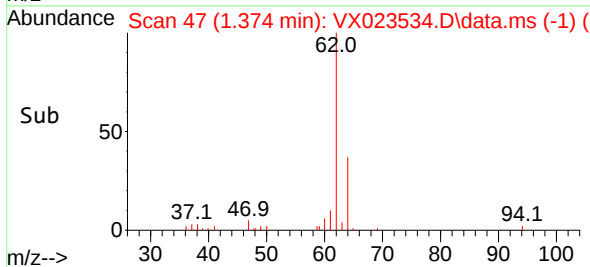
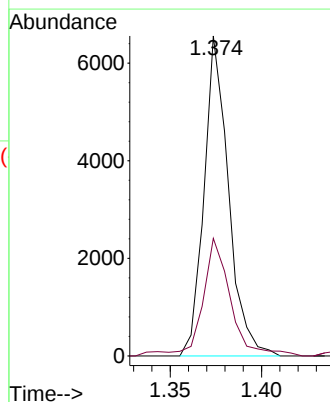
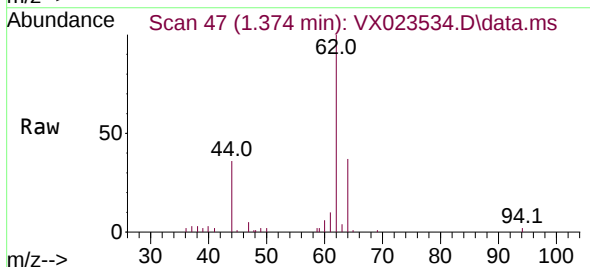
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2021DL

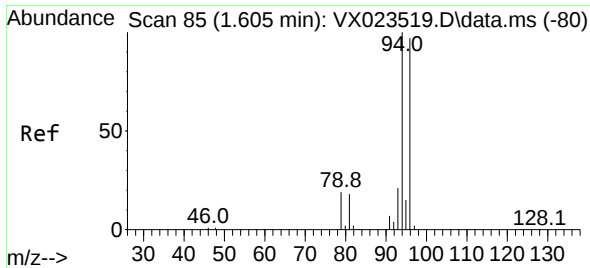
Tgt Ion: 50 Resp: 6624
Ion Ratio Lower Upper
50 100
52 31.7 26.9 40.3



#4
Vinyl Chloride
Concen: 2.257 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

Tgt Ion: 62 Resp: 6102
Ion Ratio Lower Upper
62 100
64 35.3 25.0 37.4

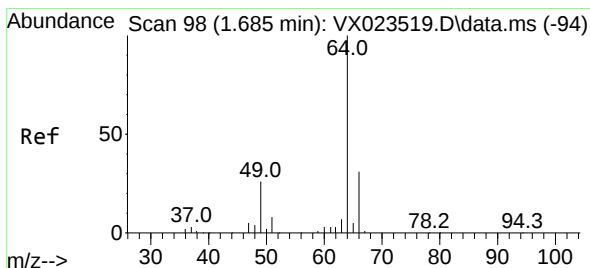
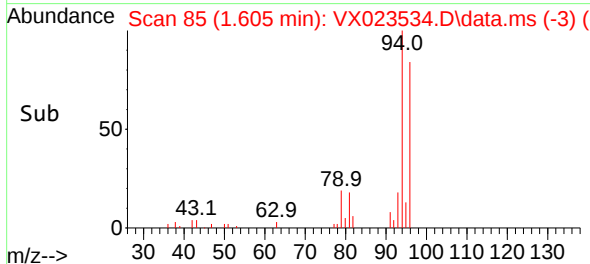
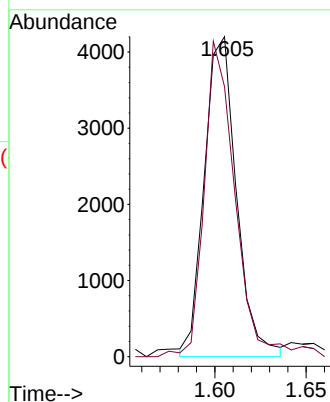
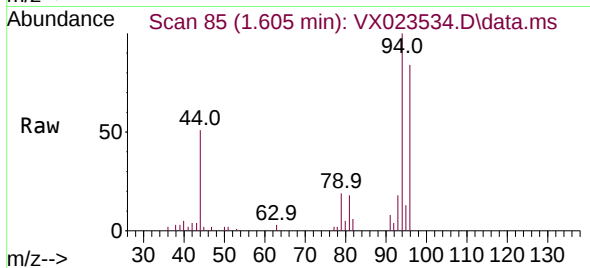




#5
Bromomethane
Concen: 3.239 ug/l
RT: 1.605 min Scan# 85
Delta R.T. -0.000 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

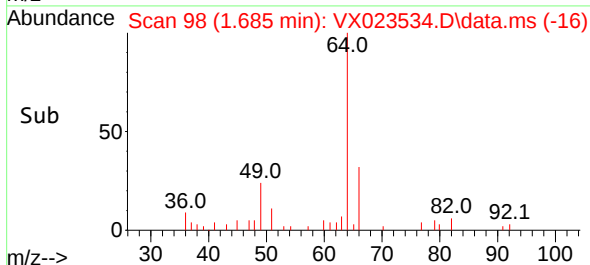
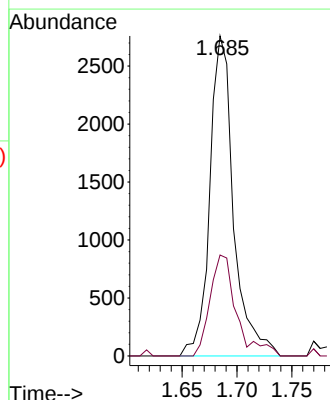
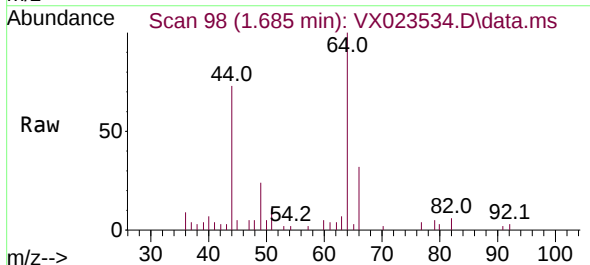
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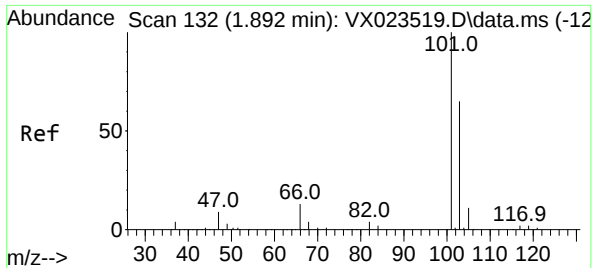
Tgt Ion: 94 Resp: 5139
Ion Ratio Lower Upper
94 100
96 85.2 72.8 109.2



#6
Chloroethane
Concen: 2.454 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

Tgt Ion: 64 Resp: 4154
Ion Ratio Lower Upper
64 100
66 31.6 26.8 40.2

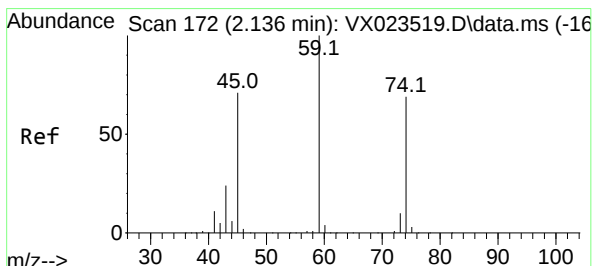
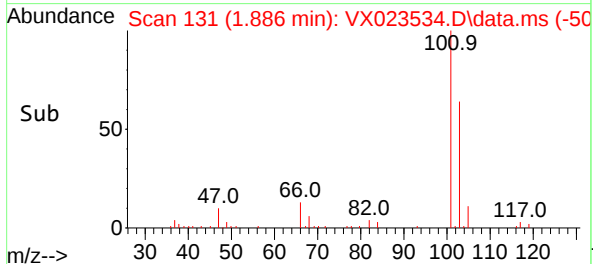
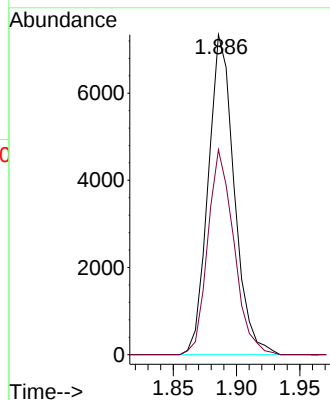
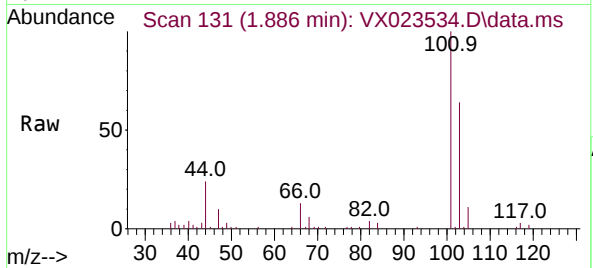




#7
Trichlorofluoromethane
Concen: 2.409 ug/l
RT: 1.886 min Scan# 131
Delta R.T. -0.006 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

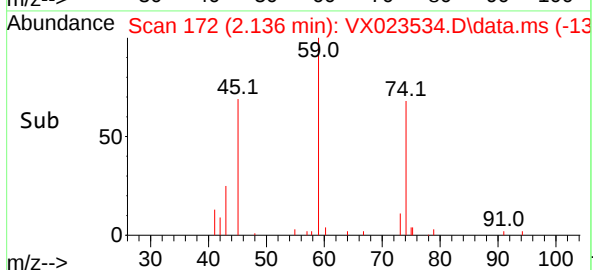
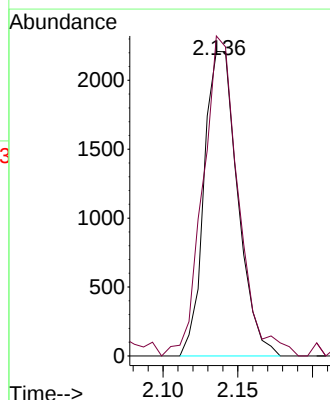
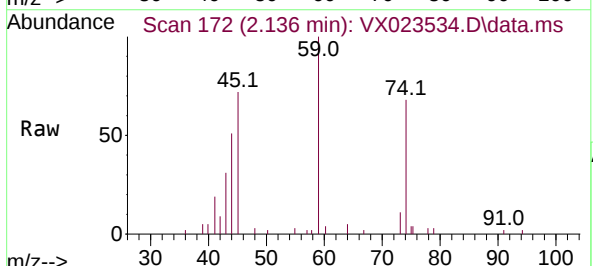
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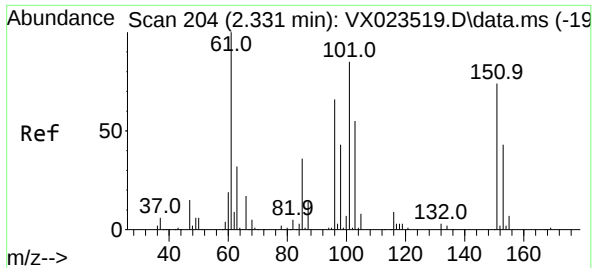
Tgt Ion:101 Resp: 10518
Ion Ratio Lower Upper
101 100
103 64.1 55.0 82.6



#8
Diethyl Ether
Concen: 2.217 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

Tgt Ion: 74 Resp: 3451
Ion Ratio Lower Upper
74 100
45 107.2 19.9 179.1

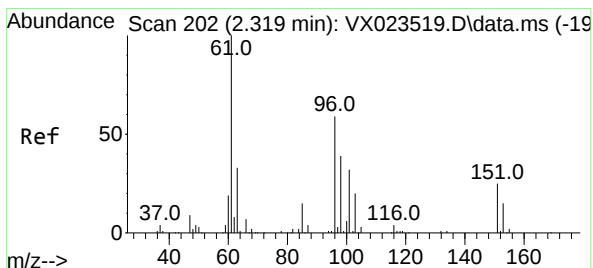
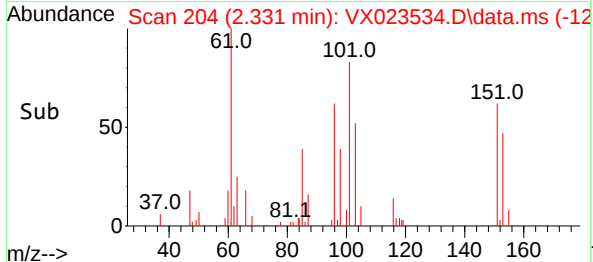
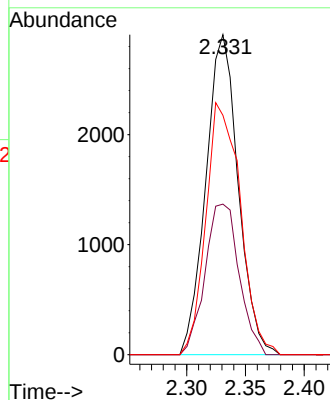
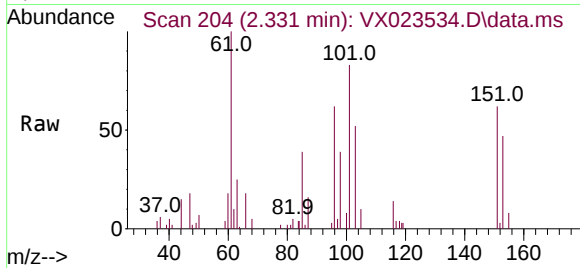




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.284 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

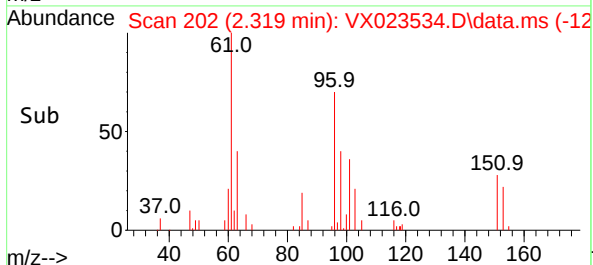
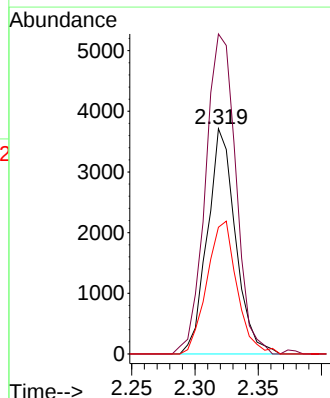
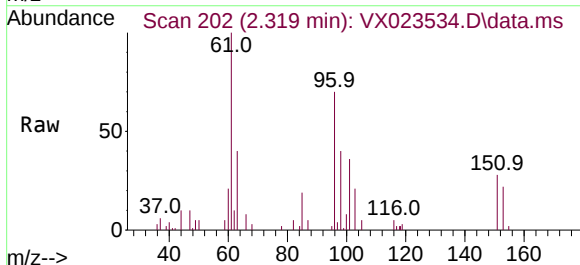
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2021DL

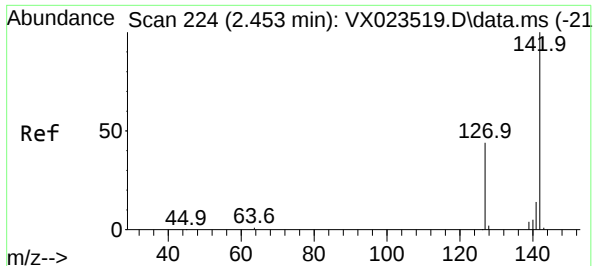
Tgt Ion:	101	Resp:	5572
Ion	Ratio	Lower	Upper
101	100		
85	49.5	0.0	91.4
151	83.7	0.0	160.0



#10
1,1-Dichloroethene
Concen: 2.440 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

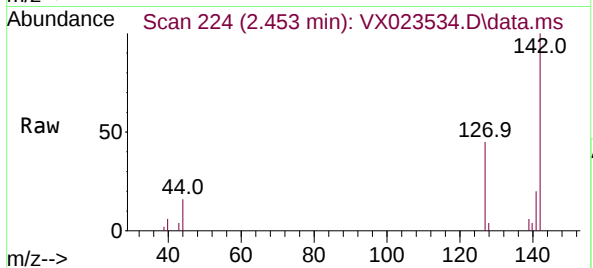
Tgt Ion:	96	Resp:	5735
Ion	Ratio	Lower	Upper
96	100		
61	142.0	140.3	210.5
98	56.2	52.8	79.2



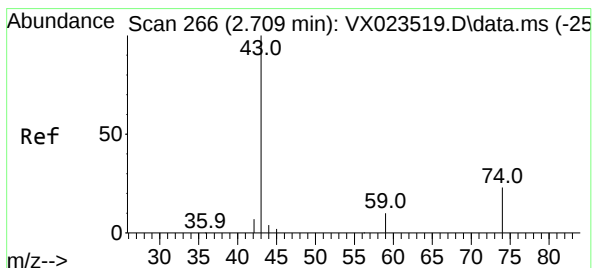
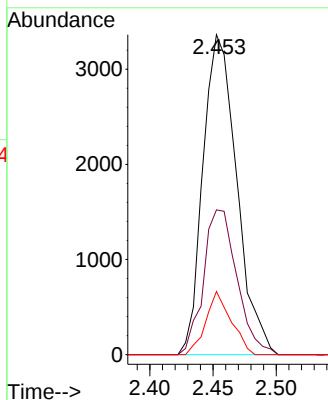
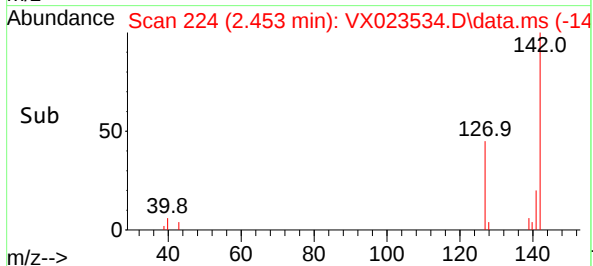


#11
Methyl Iodide
Concen: 1.892 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

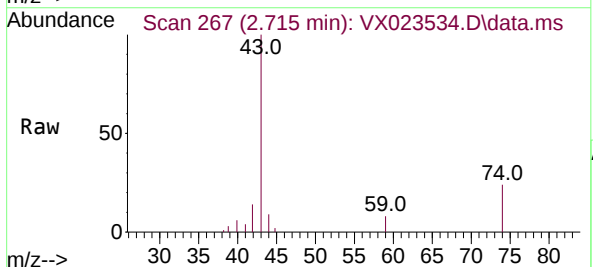
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2021DL



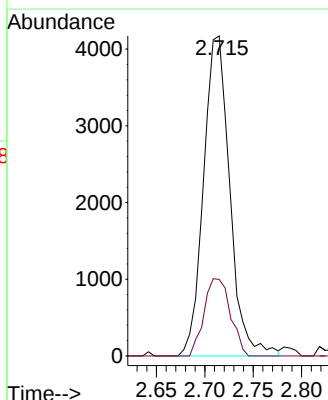
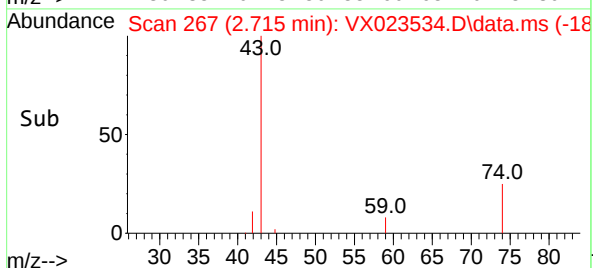
Tgt Ion:142 Resp: 6247
Ion Ratio Lower Upper
142 100
127 45.2 23.6 71.0
141 19.8 7.1 21.3

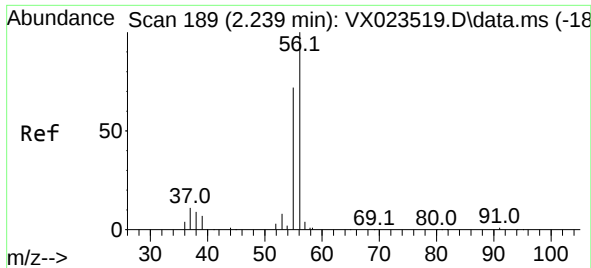


#12
Methyl Acetate
Concen: 2.254 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07



Tgt Ion: 43 Resp: 7901
Ion Ratio Lower Upper
43 100
74 24.1 18.2 27.2

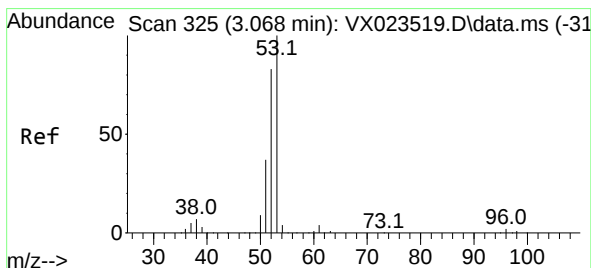
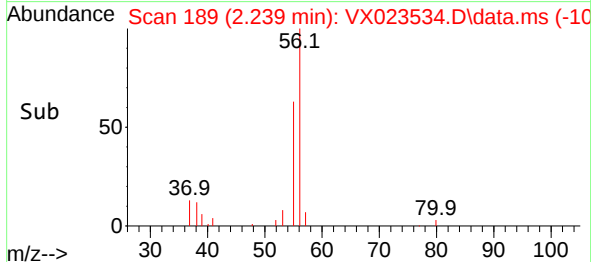
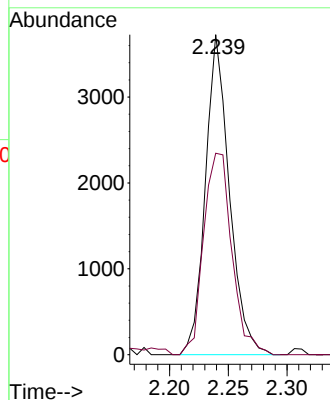
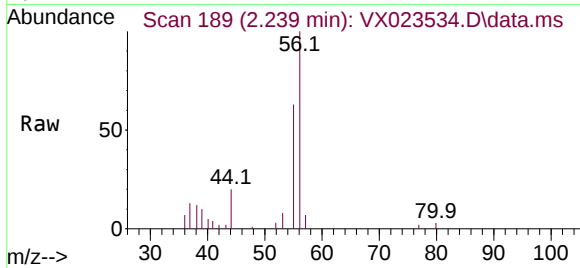




#13
Acrolein
Concen: 13.716 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

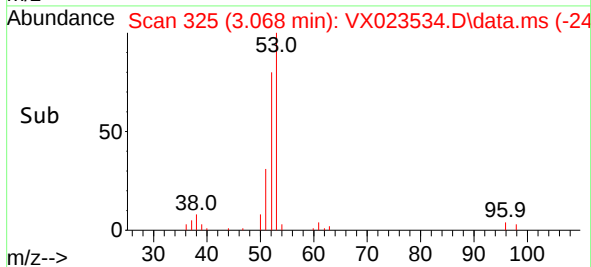
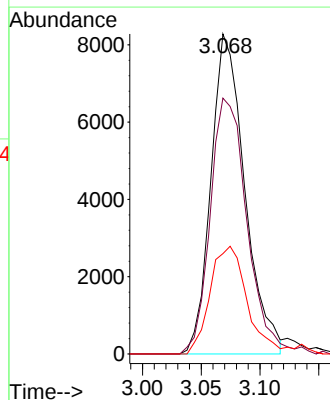
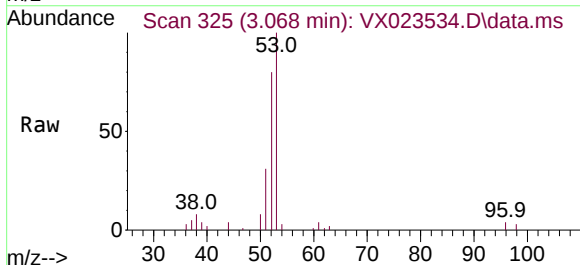
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2021DL

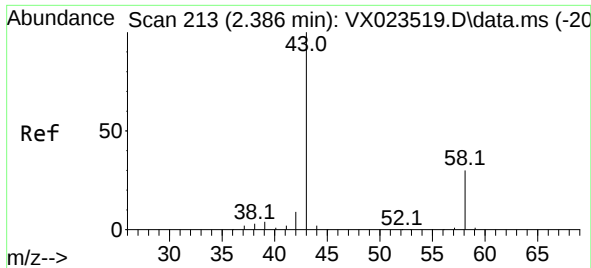
Tgt Ion: 56 Resp: 5293
Ion Ratio Lower Upper
56 100
55 74.3 59.5 89.3



#14
Acrylonitrile
Concen: 10.699 ug/l
RT: 3.068 min Scan# 325
Delta R.T. -0.000 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

Tgt Ion: 53 Resp: 16589
Ion Ratio Lower Upper
53 100
52 86.5 40.4 121.2
51 36.5 18.1 54.1

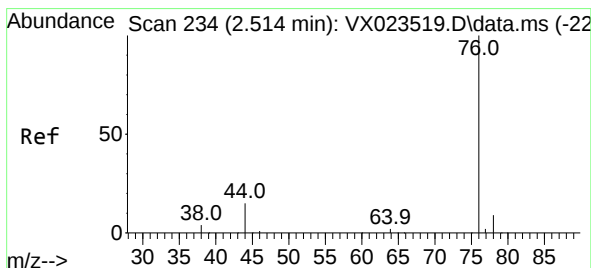
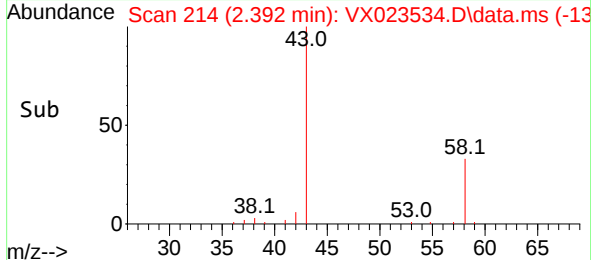
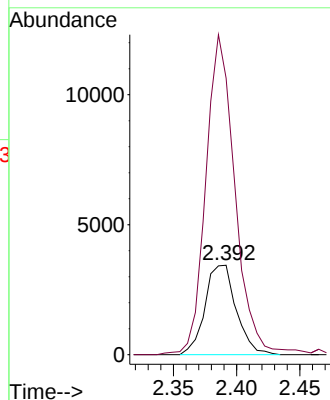
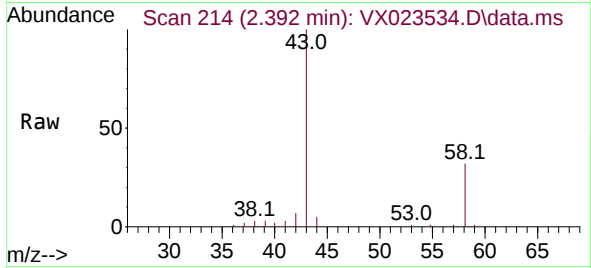




#15
Acetone
Concen: 12.577 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

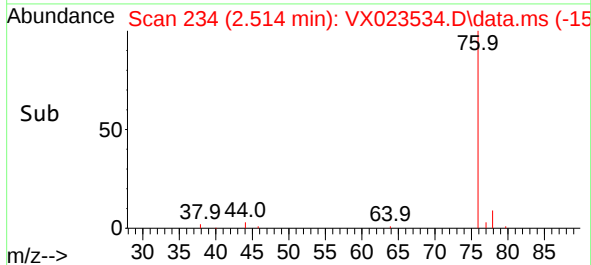
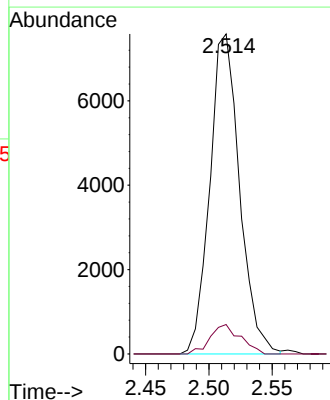
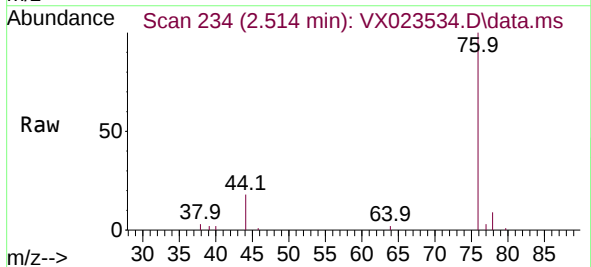
Instrument :
MSVOA_X
ClientSampleID :
MDL-WATER-03-QT3-2021DL

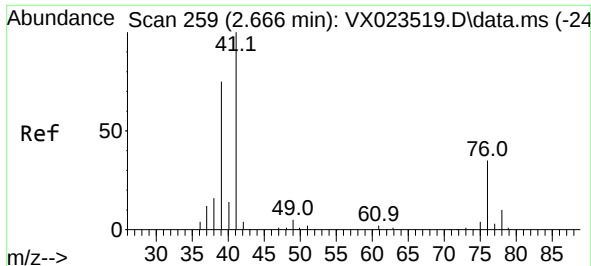
Tgt Ion: 58 Resp: 5910
Ion Ratio Lower Upper
58 100
43 305.8 266.6 400.0



#16
Carbon Disulfide
Concen: 2.145 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

Tgt Ion: 76 Resp: 12438
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9





#17

Allyl chloride

Concen: 2.234 ug/l

RT: 2.666 min Scan# 259

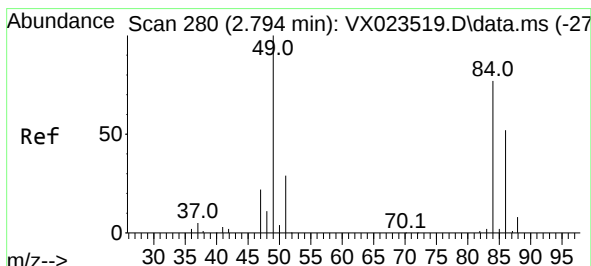
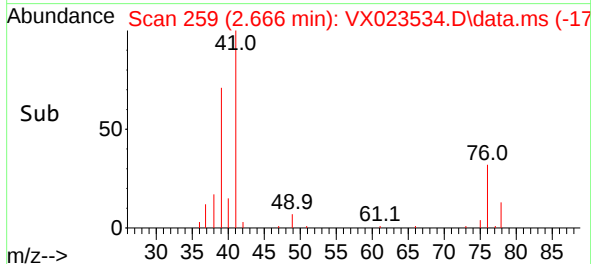
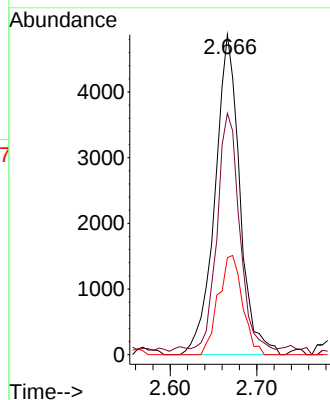
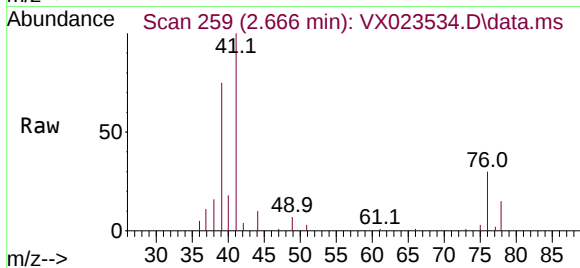
Delta R.T. -0.000 min

Lab File: VX023534.D

Acq: 04 Aug 2021 11:07

Tgt Ion:	41	Resp:	9700
Ion	Ratio	Lower	Upper
41	100		
39	73.4	36.4	109.3
76	30.3	16.6	49.7

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2021DL



#18

Methylene Chloride

Concen: 3.114 ug/l

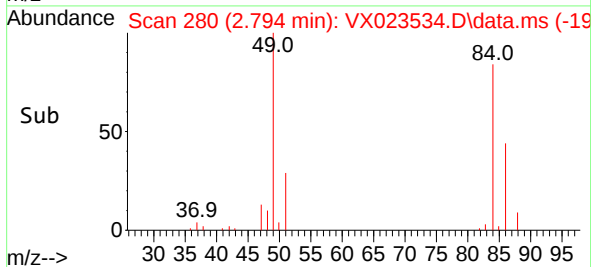
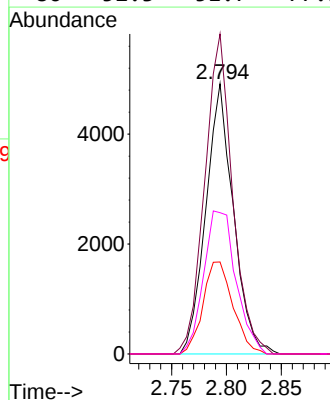
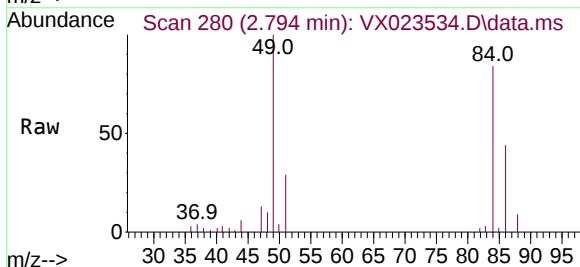
RT: 2.794 min Scan# 280

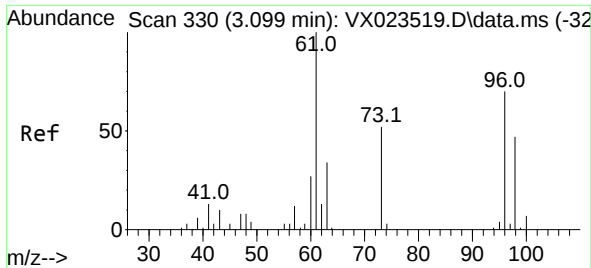
Delta R.T. -0.000 min

Lab File: VX023534.D

Acq: 04 Aug 2021 11:07

Tgt Ion:	84	Resp:	8608
Ion	Ratio	Lower	Upper
84	100		
49	118.4	104.3	156.5
51	34.1	30.3	45.5
86	52.3	51.7	77.5

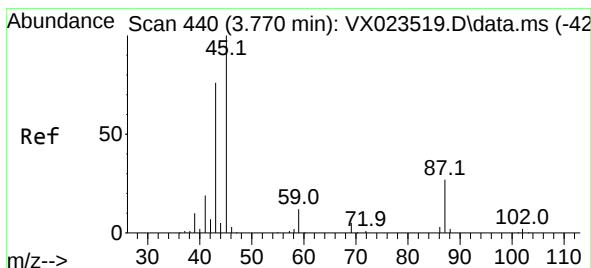
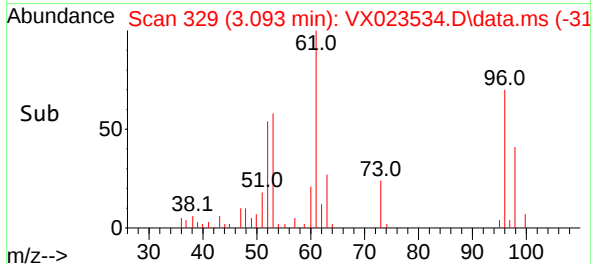
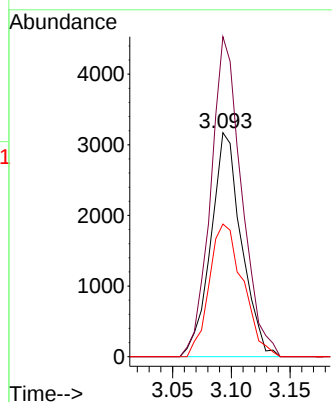
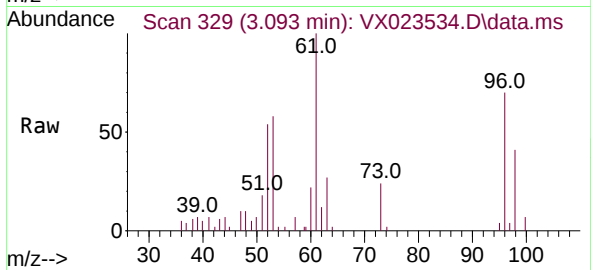




#19
trans-1,2-Dichloroethene
Concen: 2.284 ug/l
RT: 3.093 min Scan# 329
Delta R.T. -0.006 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

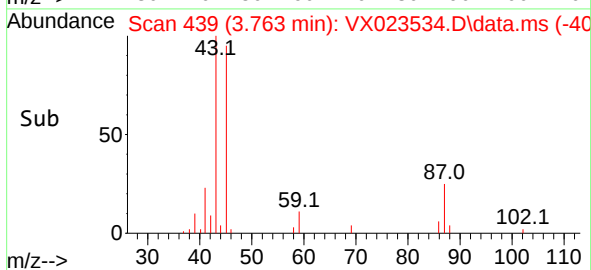
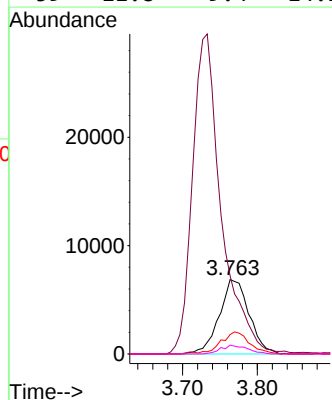
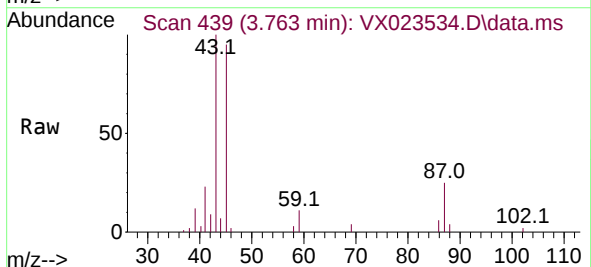
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2021DL

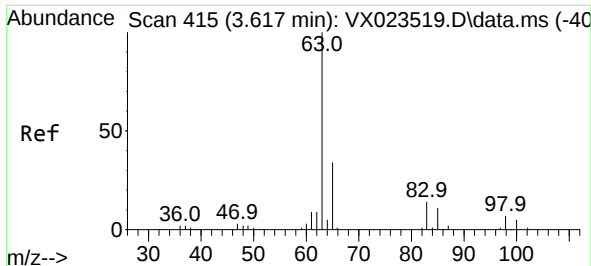
Tgt Ion:	96	Resp:	5745
Ion	Ratio	Lower	Upper
96	100		
61	142.9	109.2	163.8
98	59.2	50.8	76.2



#20
Diisopropyl ether
Concen: 2.193 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.006 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

Tgt Ion:	45	Resp:	19018
Ion	Ratio	Lower	Upper
45	100		
43	101.5	63.8	95.6#
87	26.1	21.8	32.6
59	11.8	9.4	14.2





#21

1,1-Dichloroethane

Concen: 2.273 ug/l

RT: 3.611 min Scan# 414

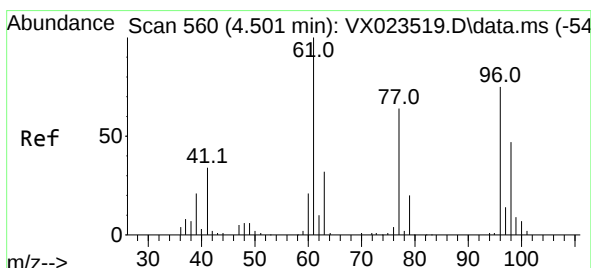
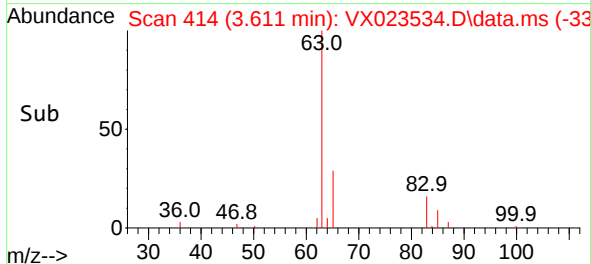
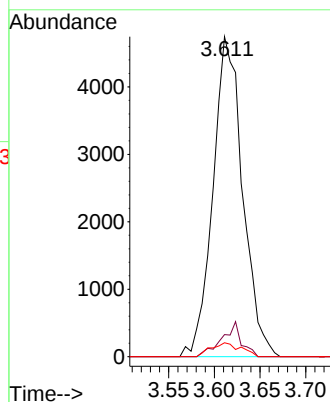
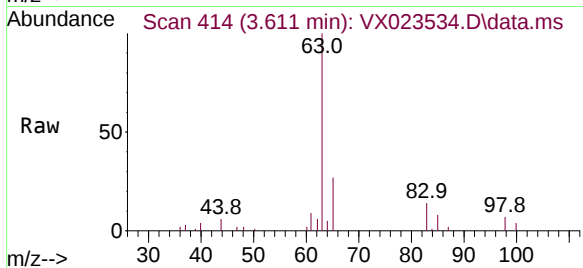
Delta R.T. -0.006 min

Lab File: VX023534.D

Acq: 04 Aug 2021 11:07

Tgt Ion: 63 Resp: 10734

Ion	Ratio	Lower	Upper
63	100		
98	6.9	3.4	10.1
100	4.4	2.1	6.2



#22

cis-1,2-Dichloroethene

Concen: 2.172 ug/l

RT: 4.501 min Scan# 560

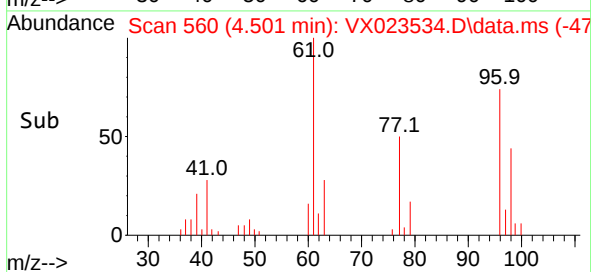
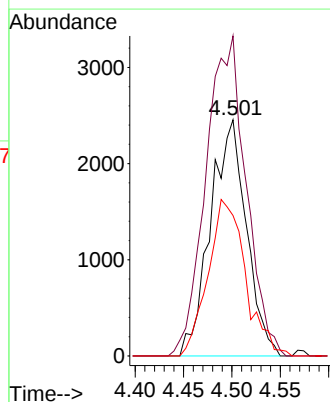
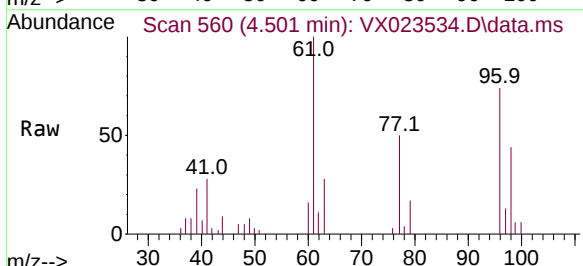
Delta R.T. -0.000 min

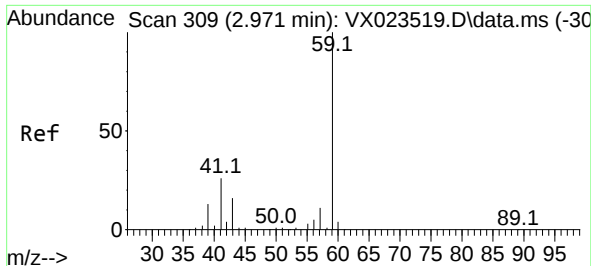
Lab File: VX023534.D

Acq: 04 Aug 2021 11:07

Tgt Ion: 96 Resp: 6359

Ion	Ratio	Lower	Upper
96	100		
61	87.7	114.5	171.7#
98	68.3	51.3	76.9

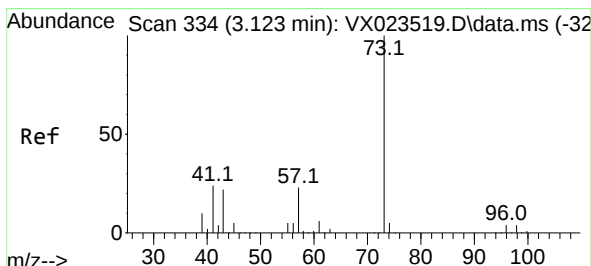
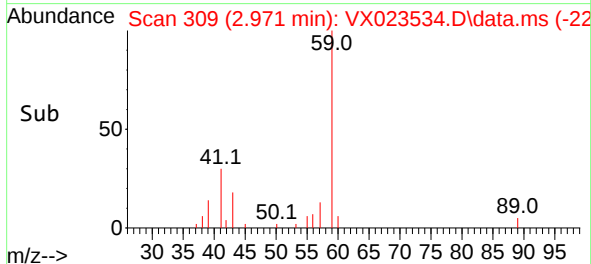
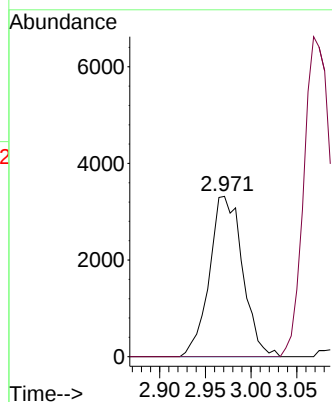
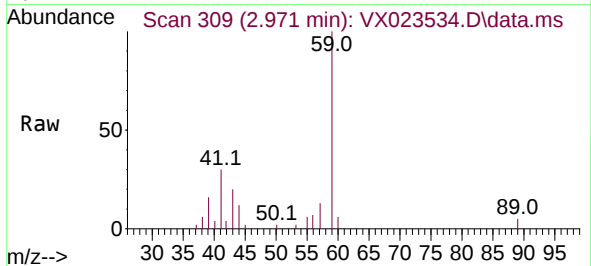




#23
tert-Butyl Alcohol
Concen: 11.917 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.000 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

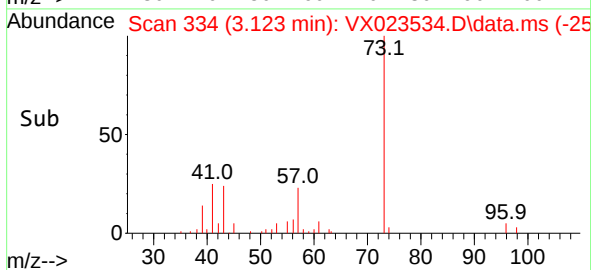
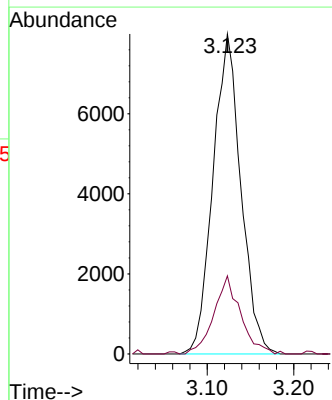
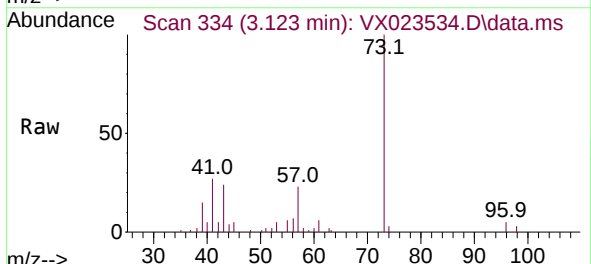
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2021DL

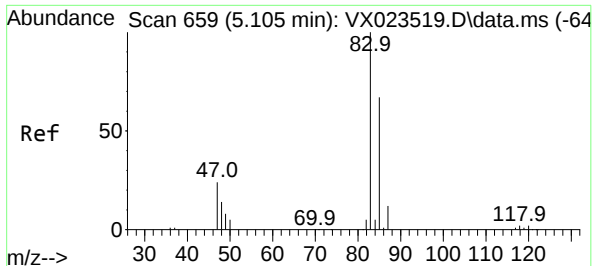
Tgt Ion: 59 Resp: 8385
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.1#



#24
Methyl tert-Butyl Ether
Concen: 2.168 ug/l
RT: 3.123 min Scan# 334
Delta R.T. -0.000 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

Tgt Ion: 73 Resp: 17874
Ion Ratio Lower Upper
73 100
43 23.2 17.9 26.9





#25

Chloroform

Concen: 2.306 ug/l

RT: 5.099 min Scan# 658

Delta R.T. -0.006 min

Lab File: VX023534.D

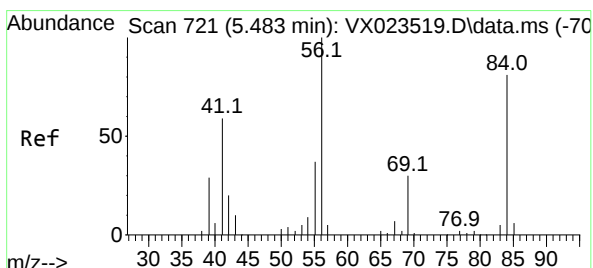
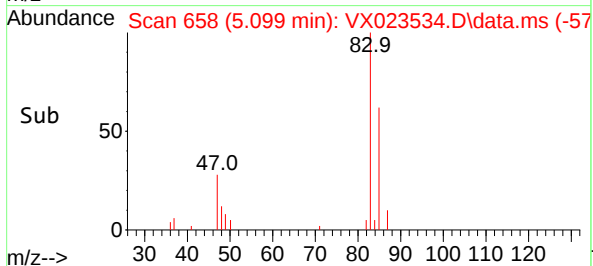
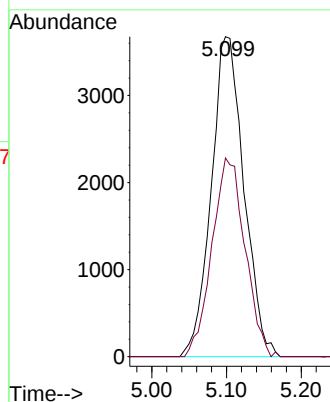
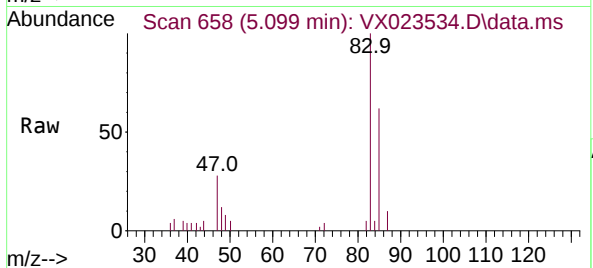
Acq: 04 Aug 2021 11:07

Tgt Ion: 83 Resp: 11171

Ion Ratio Lower Upper

83 100

85 62.1 51.8 77.8



#26

Cyclohexane

Concen: 1.361 ug/l

RT: 5.464 min Scan# 718

Delta R.T. -0.018 min

Lab File: VX023534.D

Acq: 04 Aug 2021 11:07

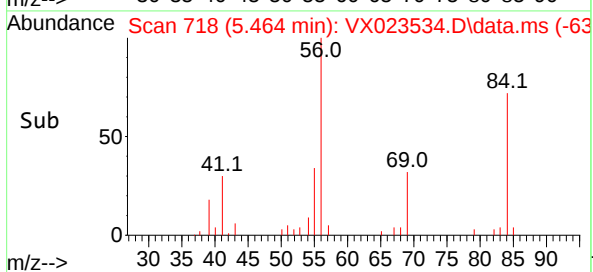
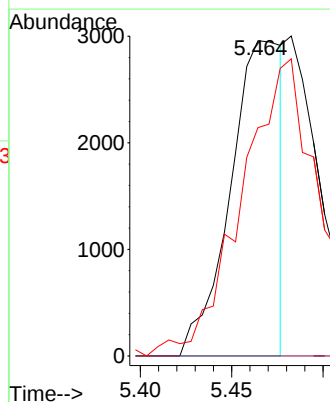
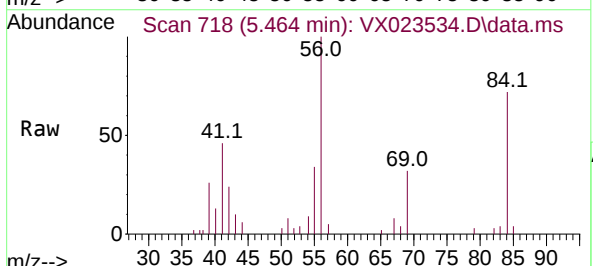
Tgt Ion: 56 Resp: 5837

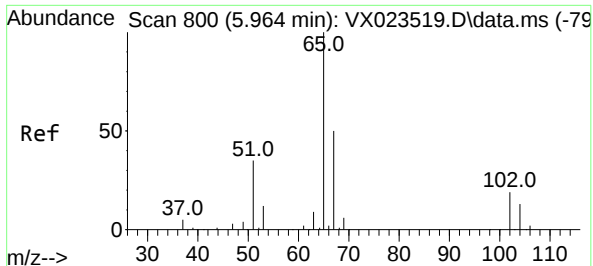
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 136.8 69.0 103.6#

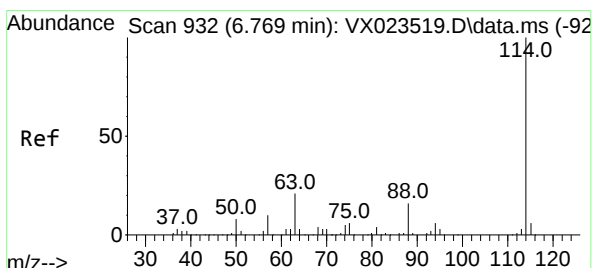
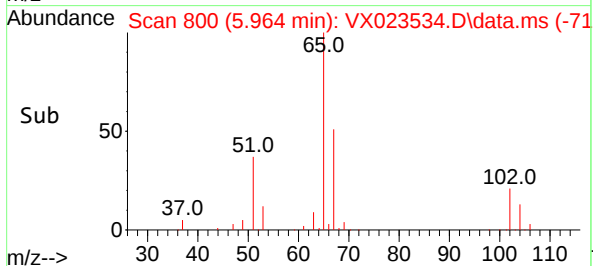
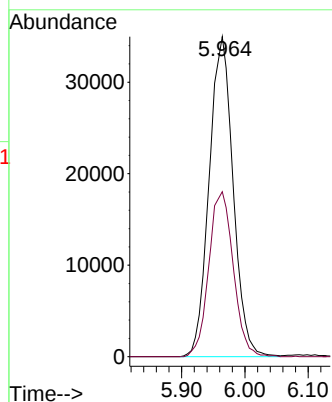
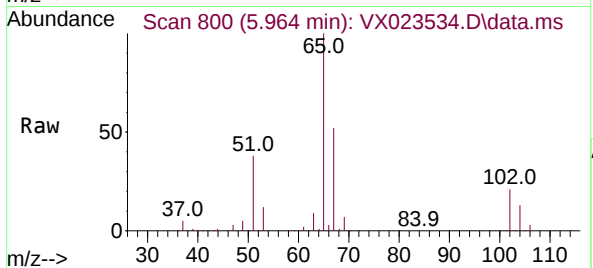




#27
1,2-Dichloroethane-d4
Concen: 29.325 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.000 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

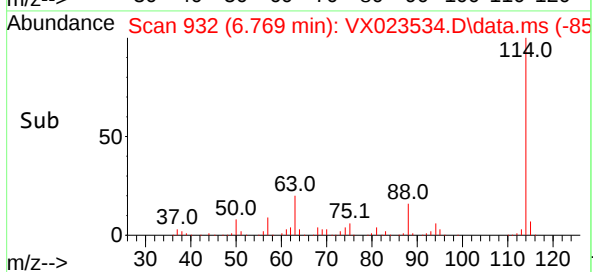
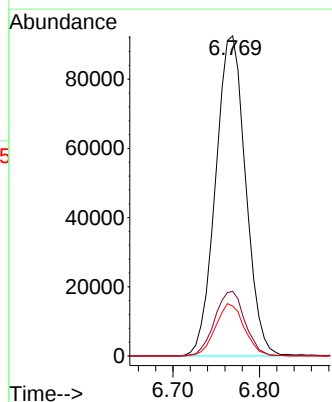
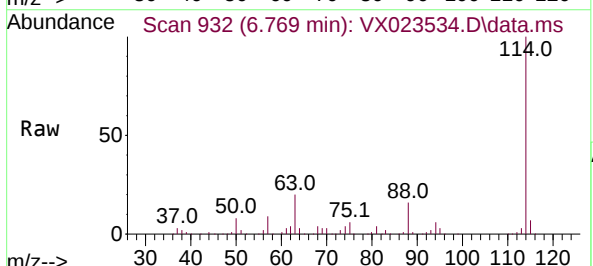
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2021DL

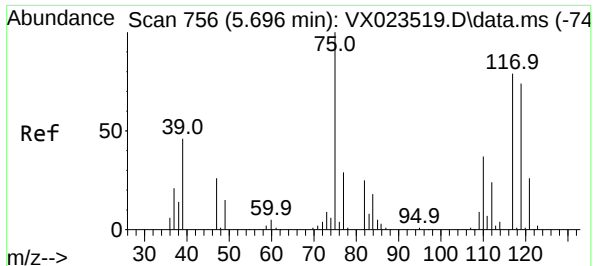
Tgt Ion: 65 Resp: 91994
Ion Ratio Lower Upper
65 100
67 52.6 42.4 63.6



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

Tgt Ion: 114 Resp: 222528
Ion Ratio Lower Upper
114 100
63 20.4 16.4 24.6
88 15.7 12.7 19.1



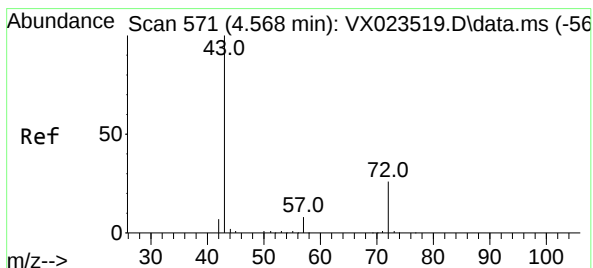
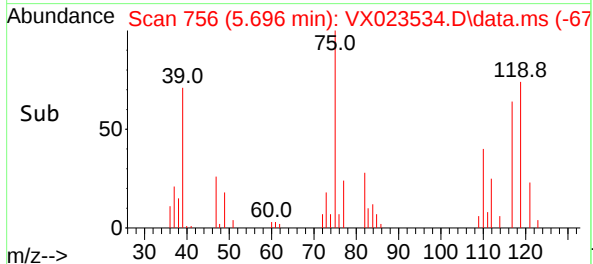
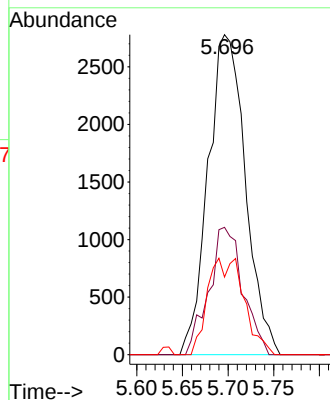
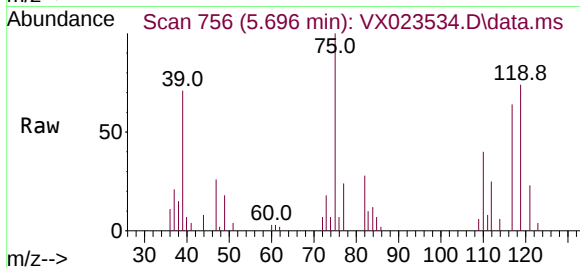


#29

1,1-Dichloropropene
Concen: 2.281 ug/l
RT: 5.696 min Scan# 756
Delta R.T. -0.000 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2021DL

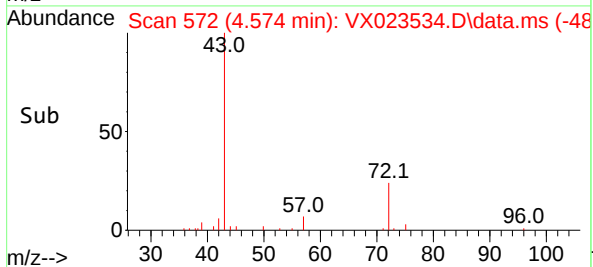
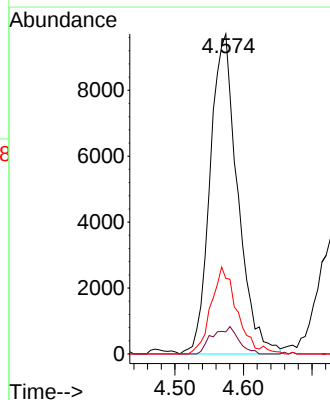
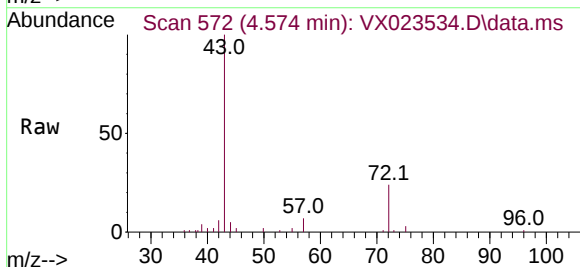
Tgt Ion:	75	Resp:	7906
Ion	Ratio	Lower	Upper
75	100		
110	36.2	0.0	72.0
77	14.9	0.0	61.8

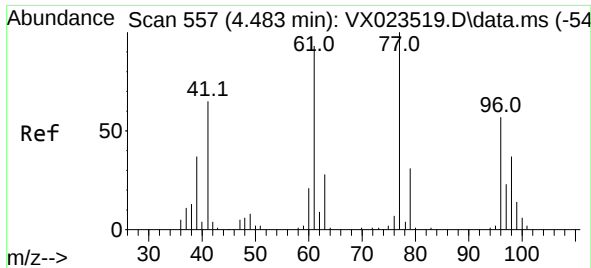


#30

2-Butanone
Concen: 11.665 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

Tgt Ion:	43	Resp:	27100
Ion	Ratio	Lower	Upper
43	100		
57	3.4	6.6	9.8#
72	0.0	21.0	31.4#

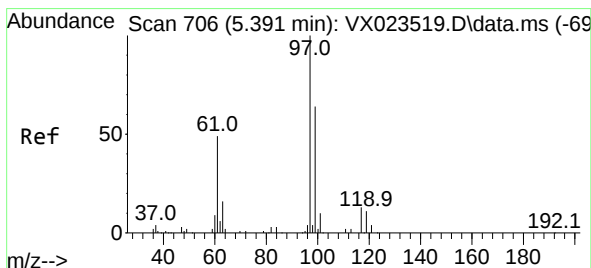
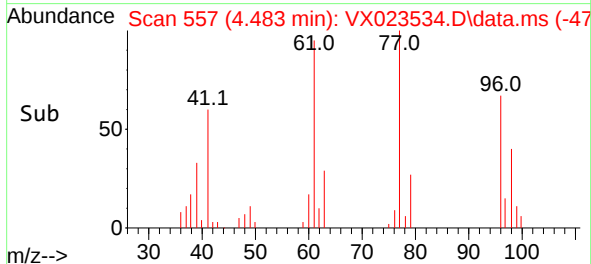
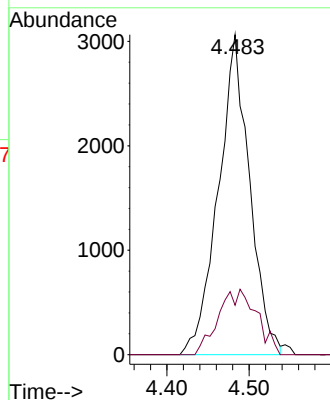
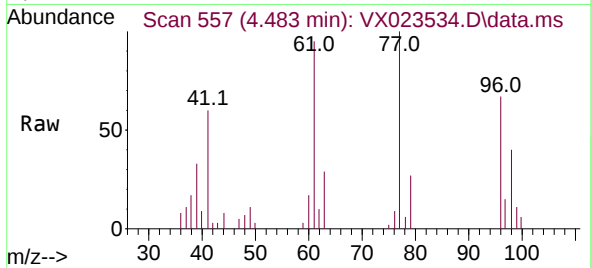




#31
2,2-Dichloropropane
Concen: 2.066 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.000 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

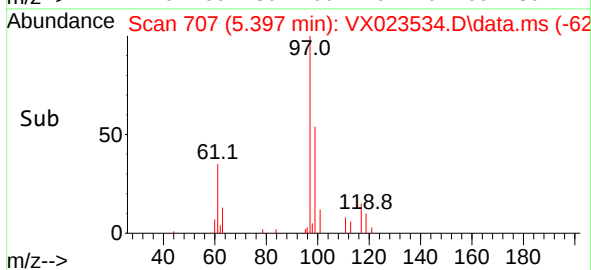
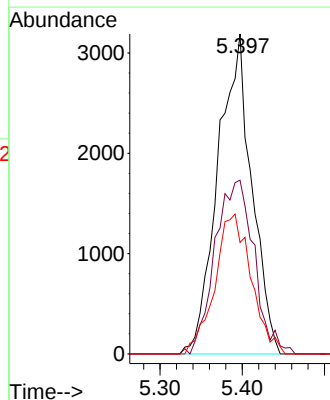
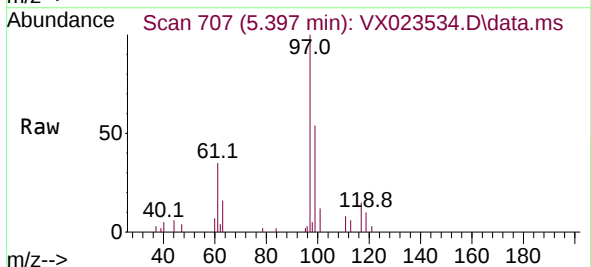
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2021DL

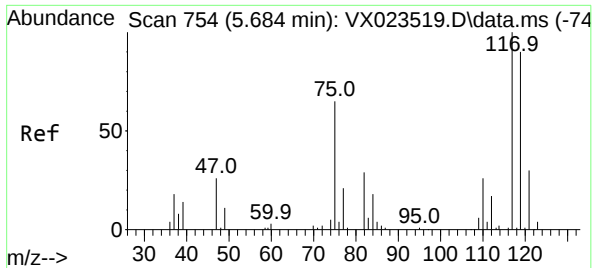
Tgt Ion: 77 Resp: 8096
Ion Ratio Lower Upper
77 100
97 2.8 19.8 29.8#



#32
1,1,1-Trichloroethane
Concen: 2.175 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

Tgt Ion: 97 Resp: 9118
Ion Ratio Lower Upper
97 100
99 62.1 50.4 75.6
61 47.0 36.4 54.6

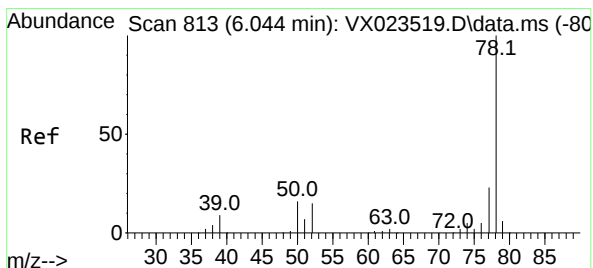
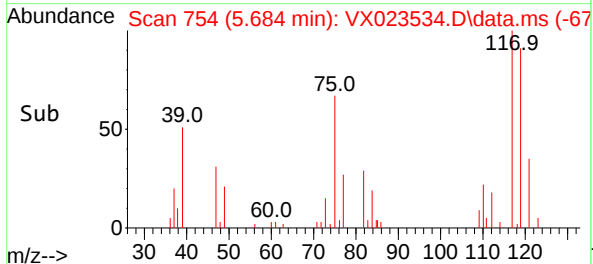
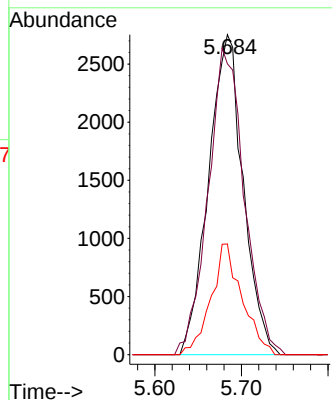
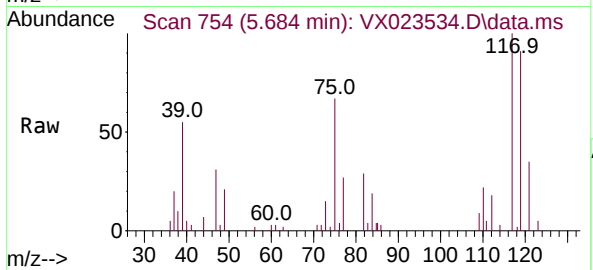




#33
Carbon Tetrachloride
Concen: 2.100 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

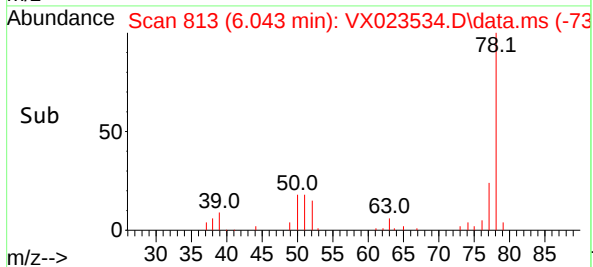
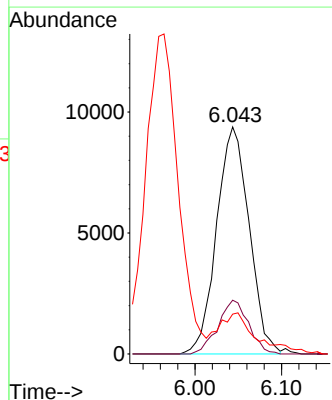
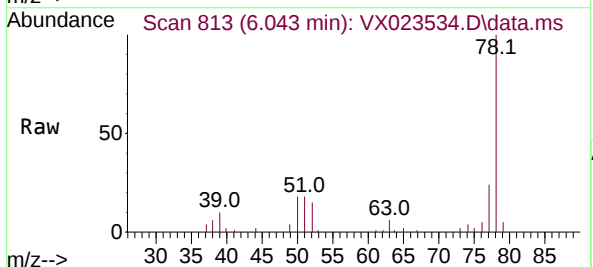
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2021DL

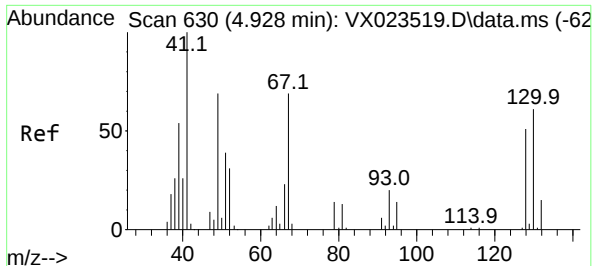
Tgt Ion:117 Resp: 7657
Ion Ratio Lower Upper
117 100
119 89.0 75.4 113.2
121 34.6 24.1 36.1



#34
Benzene
Concen: 2.344 ug/l
RT: 6.043 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

Tgt Ion: 78 Resp: 24495
Ion Ratio Lower Upper
78 100
77 23.7 19.3 28.9
51 13.3 12.2 18.4

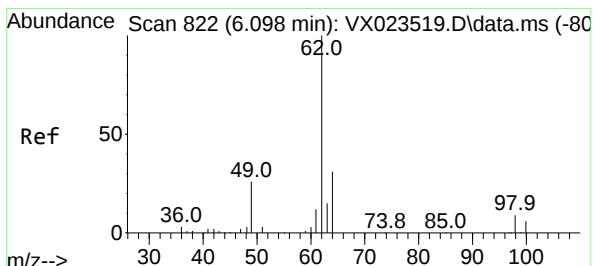
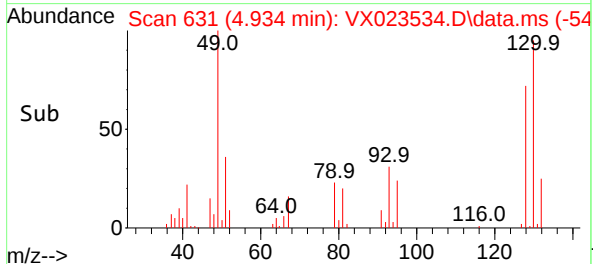
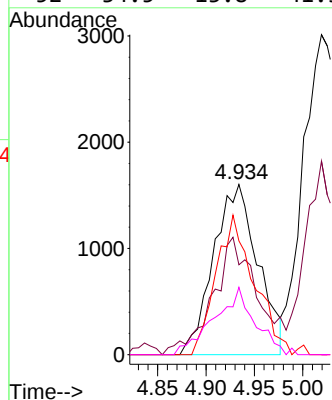
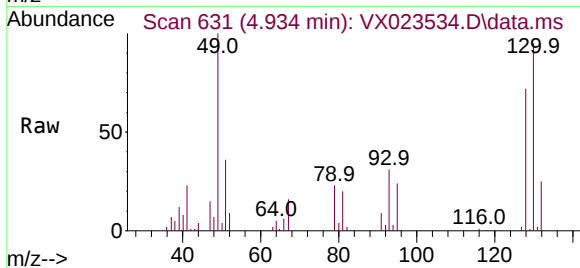




#35
Methacrylonitrile
Concen: 2.192 ug/l
RT: 4.934 min Scan# 631
Delta R.T. 0.006 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

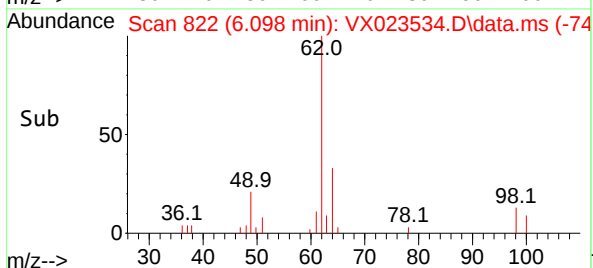
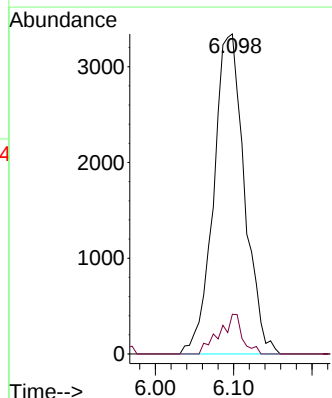
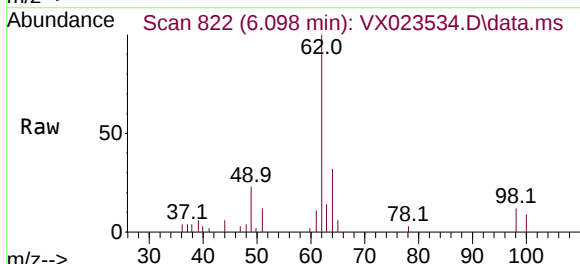
Instrument :
MSVOA_X
ClientSampleID :
MDL-WATER-03-QT3-2021DL

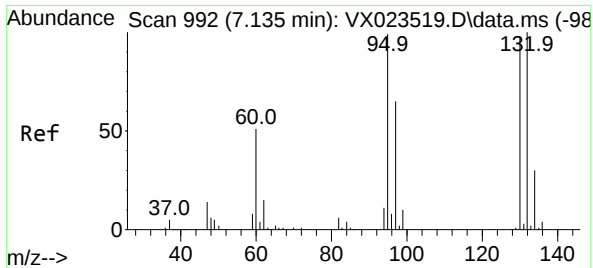
Tgt Ion:	41	Resp:	5120
Ion	Ratio	Lower	Upper
41	100		
39	44.7	27.4	82.2
67	66.8	34.6	103.9
52	34.5	13.8	41.3



#36
1,2-Dichloroethane
Concen: 2.290 ug/l
RT: 6.098 min Scan# 822
Delta R.T. -0.000 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

Tgt Ion:	62	Resp:	9143
Ion	Ratio	Lower	Upper
62	100		
98	8.9	7.0	10.4

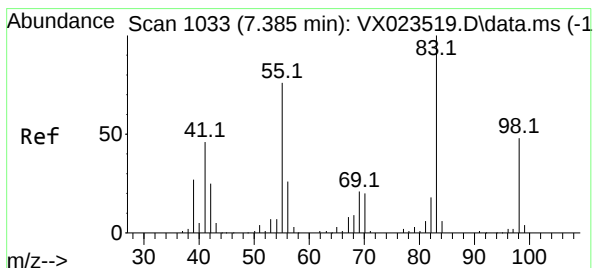
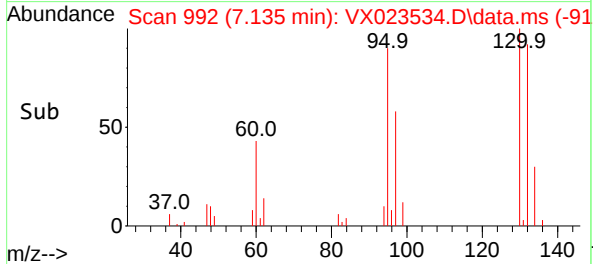
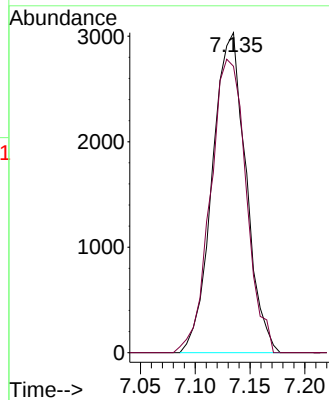
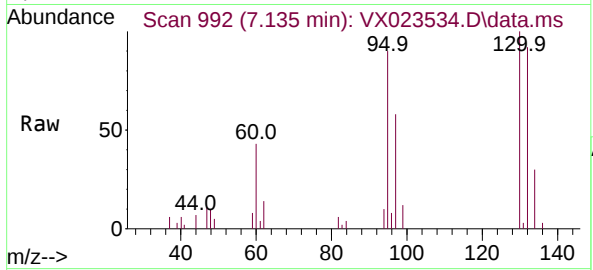




#37
Trichloroethene
Concen: 2.274 ug/l
RT: 7.135 min Scan# 992
Delta R.T. -0.000 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

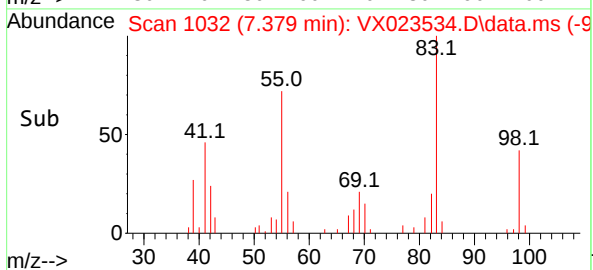
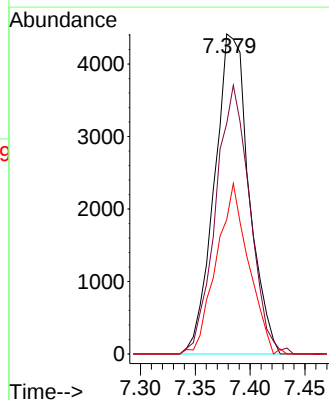
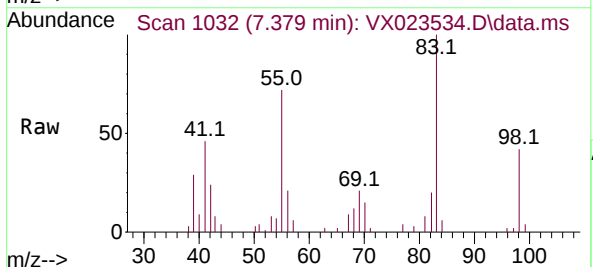
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2021DL

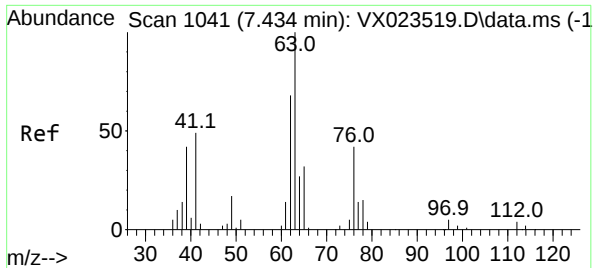
Tgt Ion:130 Resp: 6456
Ion Ratio Lower Upper
130 100
95 89.5 77.0 115.4



#38
Methylcyclohexane
Concen: 2.195 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

Tgt Ion: 83 Resp: 9675
Ion Ratio Lower Upper
83 100
55 82.9 37.8 113.4
98 49.5 23.4 70.3



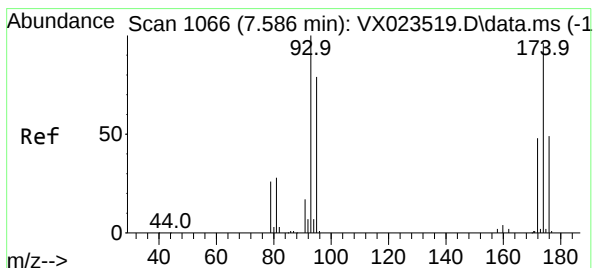
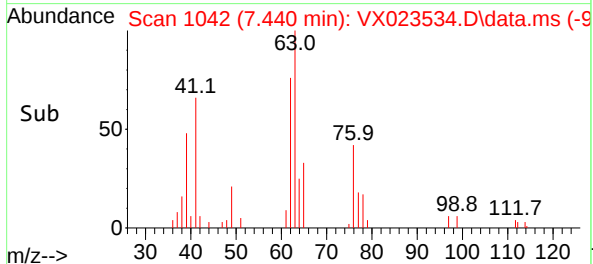
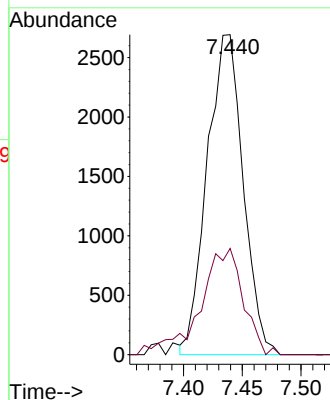
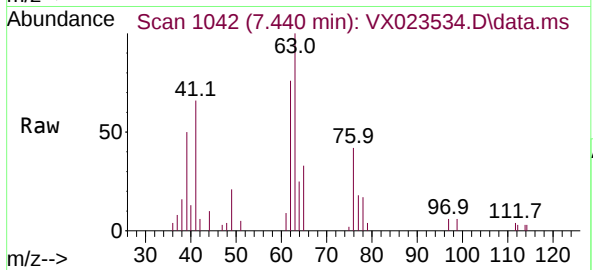


#39

1,2-Dichloropropane
Concen: 2.103 ug/l
RT: 7.440 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2021DL

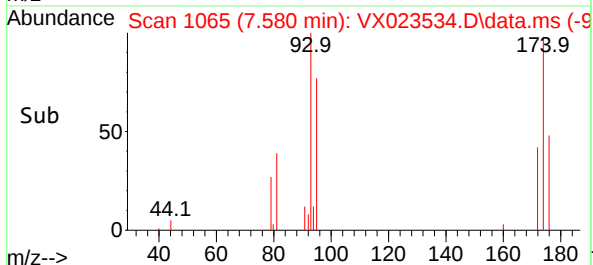
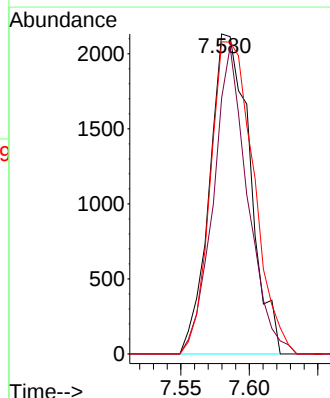
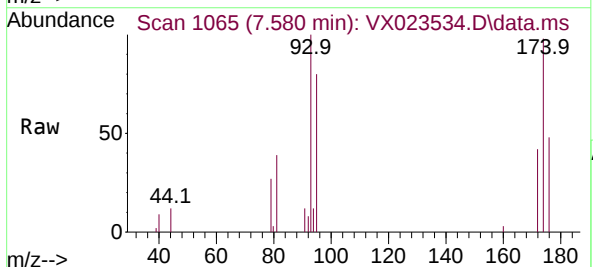
Tgt Ion: 63 Resp: 5749
Ion Ratio Lower Upper
63 100
65 33.2 23.4 35.0

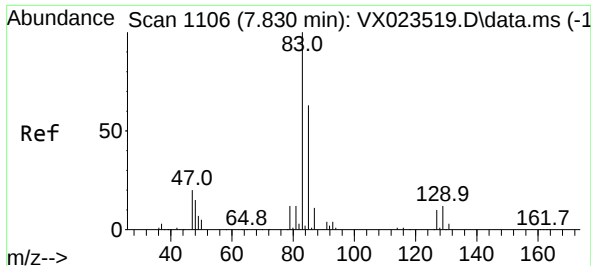


#40

Dibromomethane
Concen: 2.241 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

Tgt Ion: 93 Resp: 4346
Ion Ratio Lower Upper
93 100
95 82.4 0.0 168.4
174 104.6 0.0 206.6

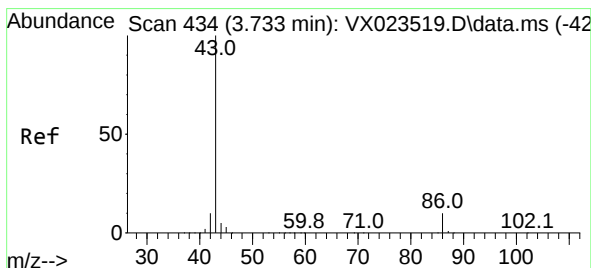
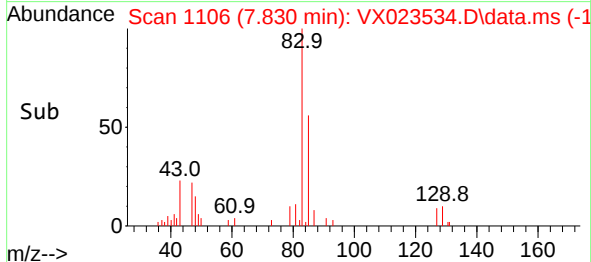
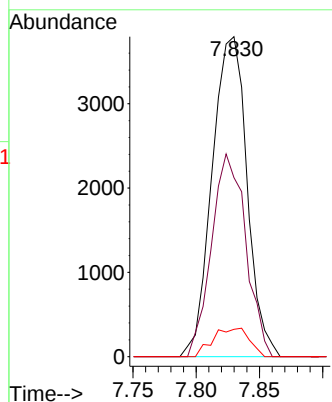
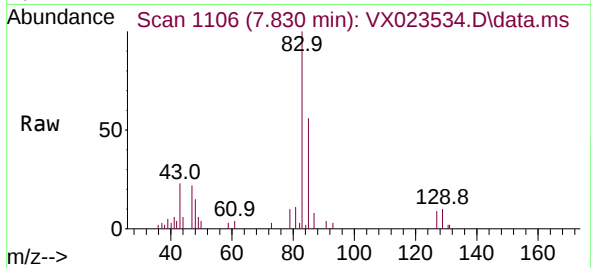




#41
Bromodichloromethane
Concen: 2.070 ug/l
RT: 7.830 min Scan# 1106
Delta R.T. -0.000 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

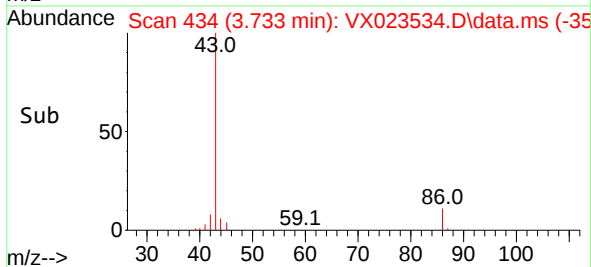
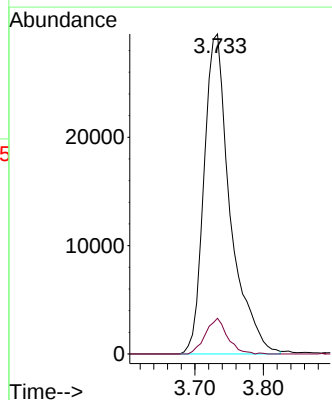
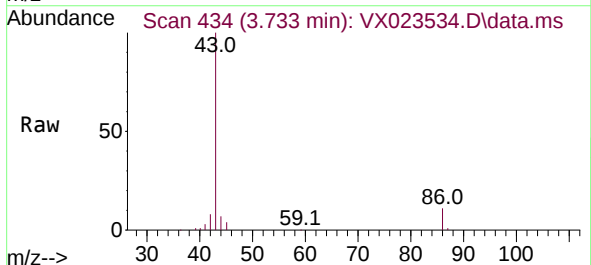
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2021DL

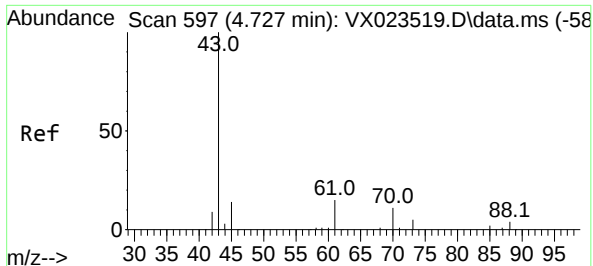
Tgt Ion:	83	Resp:	7286
Ion	Ratio	Lower	Upper
83	100		
85	56.0	51.7	77.5
127	8.5	7.4	11.0



#42
Vinyl Acetate
Concen: 10.400 ug/l
RT: 3.733 min Scan# 434
Delta R.T. -0.000 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

Tgt Ion:	43	Resp:	78700
Ion	Ratio	Lower	Upper
43	100		
86	9.3	7.2	10.8





#43

Ethyl Acetate

Concen: 2.299 ug/l

RT: 4.727 min Scan# 597

Delta R.T. -0.000 min

Lab File: VX023534.D

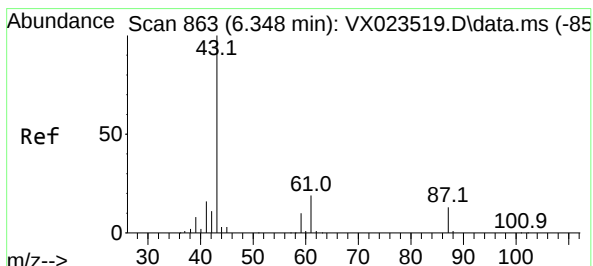
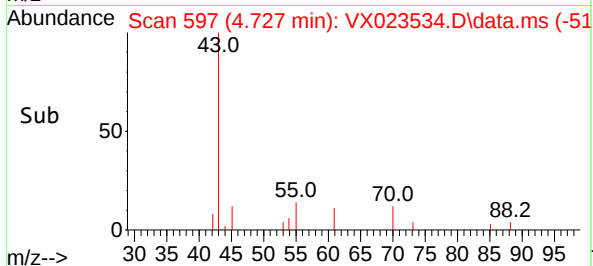
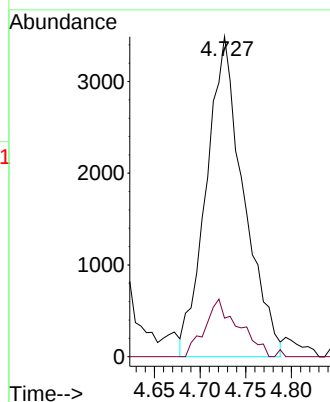
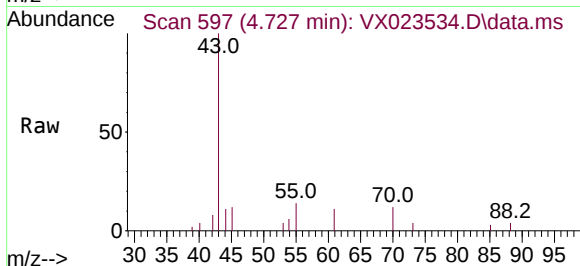
Acq: 04 Aug 2021 11:07

Tgt Ion: 43 Resp: 9907

Ion Ratio Lower Upper

43 100

45 13.4 12.1 18.1



#44

Isopropyl Acetate

Concen: 2.064 ug/l

RT: 6.348 min Scan# 863

Delta R.T. -0.000 min

Lab File: VX023534.D

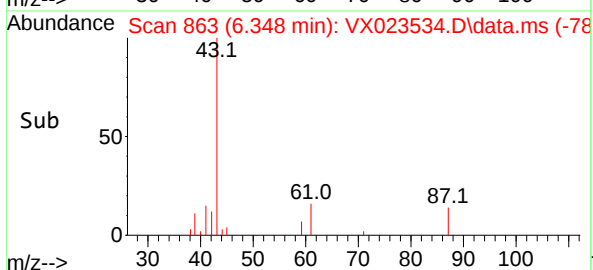
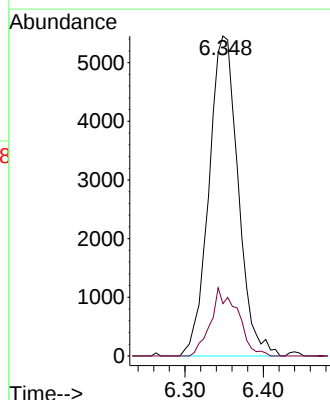
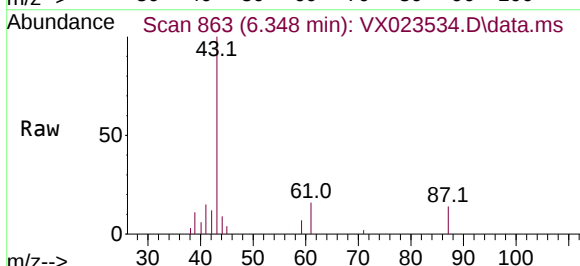
Acq: 04 Aug 2021 11:07

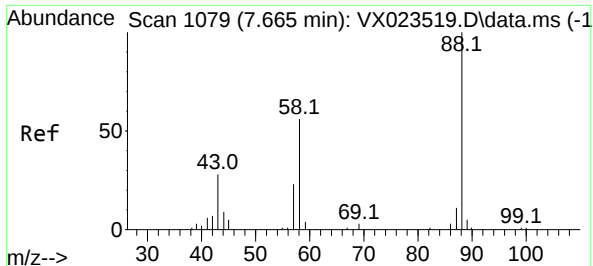
Tgt Ion: 43 Resp: 14162

Ion Ratio Lower Upper

43 100

61 19.7 15.4 23.2





#45

1,4-Dioxane

Concen: 42.154 ug/l

RT: 7.665 min Scan# 1079

Delta R.T. -0.000 min

Lab File: VX023534.D

Acq: 04 Aug 2021 11:07

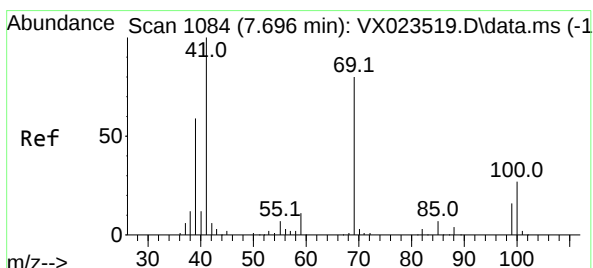
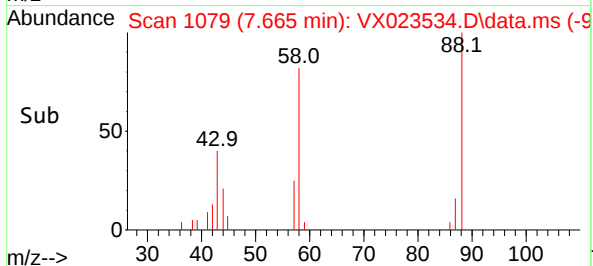
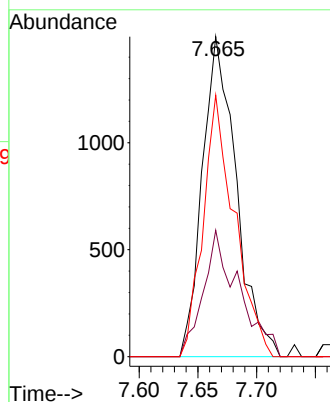
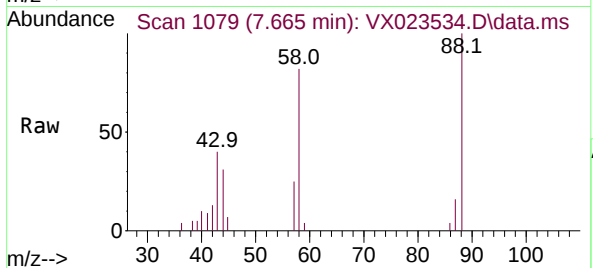
Tgt Ion:	88	Resp:	3001
Ion	Ratio	Lower	Upper
88	100		
43	27.4	25.3	37.9
58	75.5	53.1	79.7

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2021DL



#46

Methyl methacrylate

Concen: 1.999 ug/l

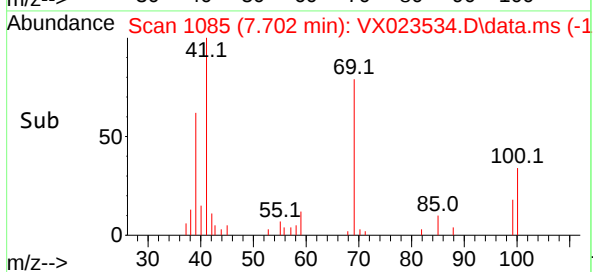
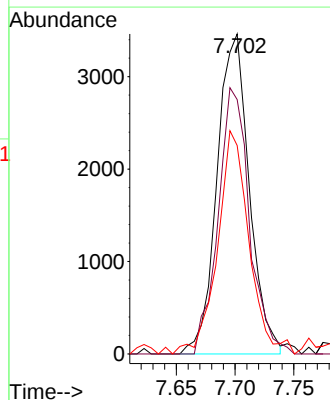
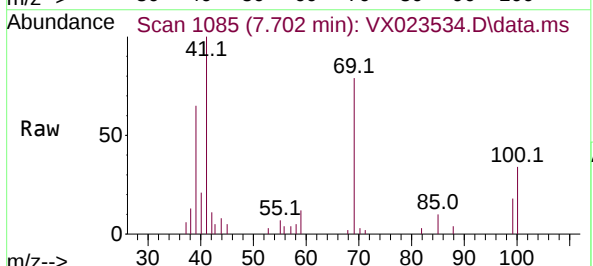
RT: 7.702 min Scan# 1085

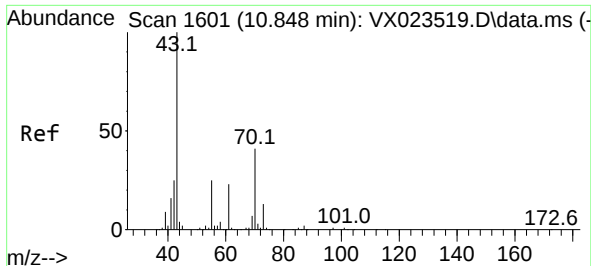
Delta R.T. 0.006 min

Lab File: VX023534.D

Acq: 04 Aug 2021 11:07

Tgt Ion:	41	Resp:	6615
Ion	Ratio	Lower	Upper
41	100		
69	79.5	39.5	118.5
39	62.8	29.0	87.1

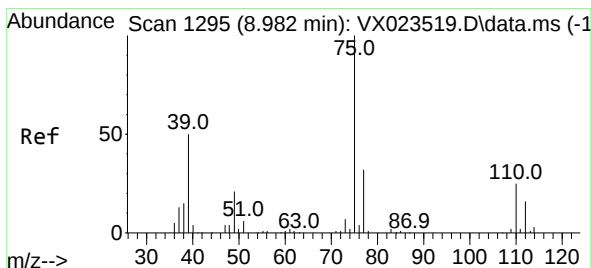
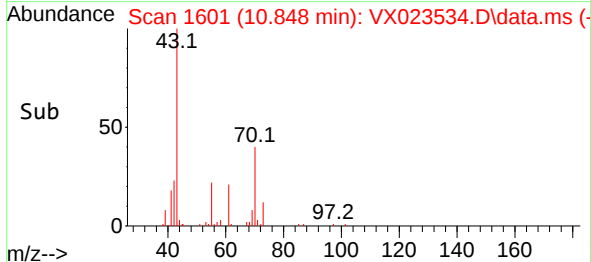
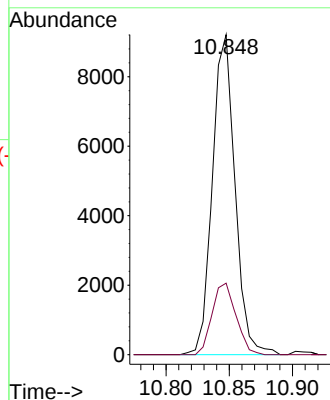
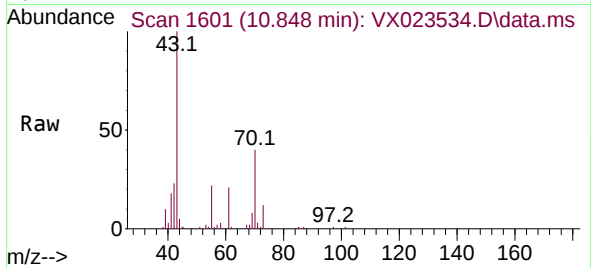




#47
n-amyl acetate
Concen: 1.961 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

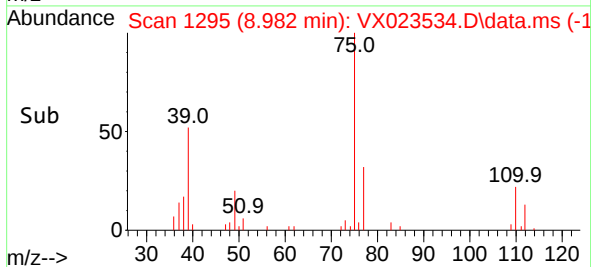
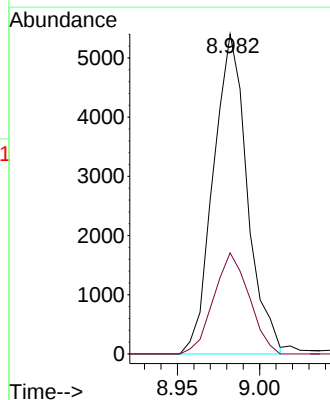
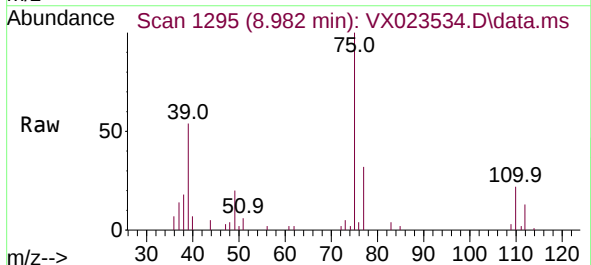
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2021DL

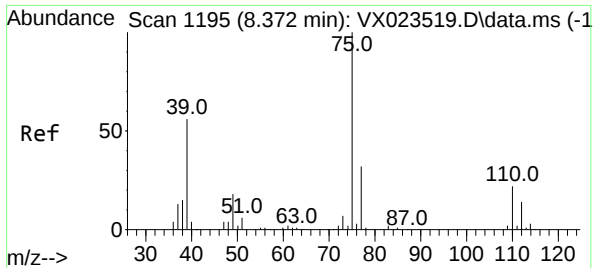
Tgt Ion: 43 Resp: 11445
Ion Ratio Lower Upper
43 100
55 23.6 18.9 28.3



#48
t-1,3-Dichloropropene
Concen: 1.886 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. -0.000 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

Tgt Ion: 75 Resp: 7752
Ion Ratio Lower Upper
75 100
77 31.6 25.8 38.8



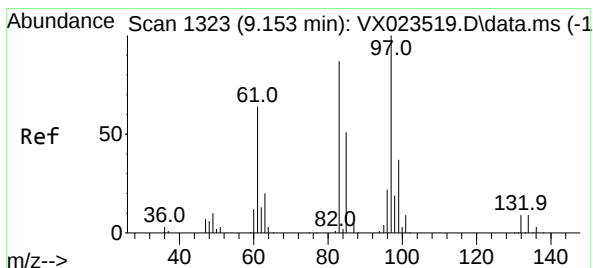
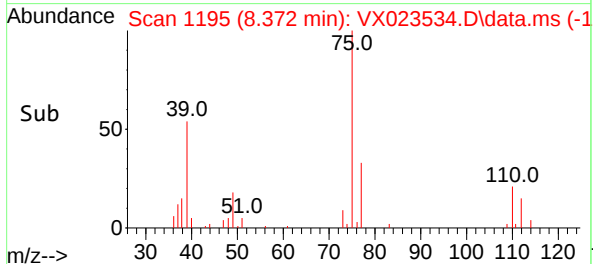
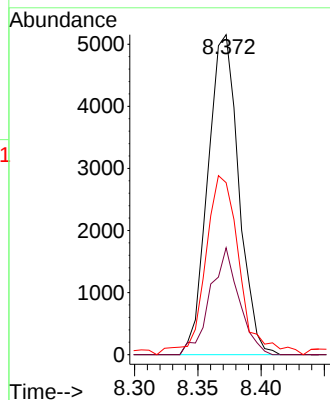
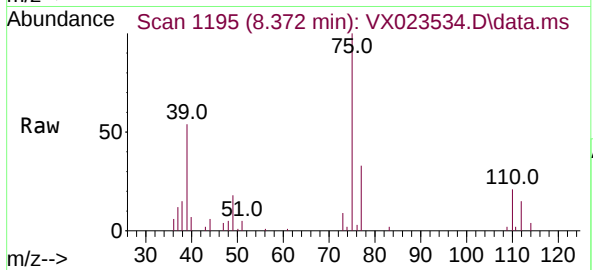


#49

cis-1,3-Dichloropropene
Concen: 2.012 ug/l
RT: 8.372 min Scan# 1195
Delta R.T. -0.000 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2021DL

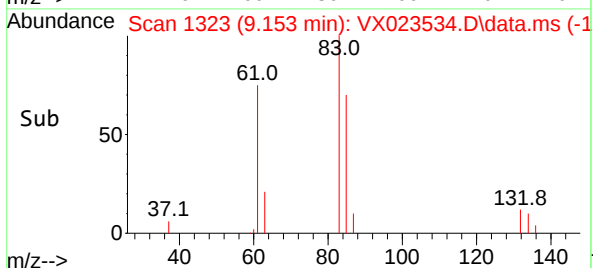
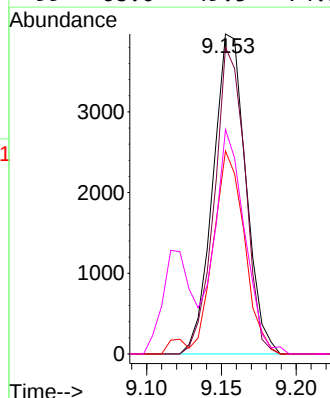
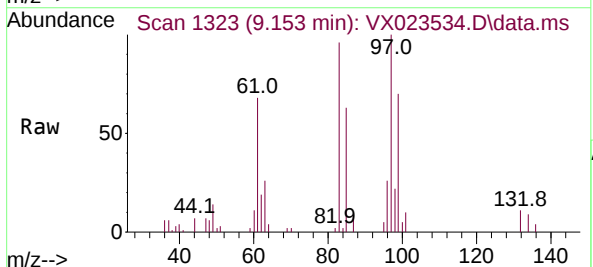
Tgt Ion:	75	Resp:	8769
Ion	Ratio	Lower	Upper
75	100		
77	33.4	23.6	35.4
39	52.0	44.0	66.0

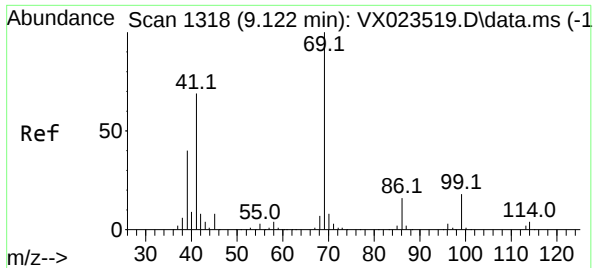


#50

1,1,2-Trichloroethane
Concen: 2.167 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

Tgt Ion:	97	Resp:	6071
Ion	Ratio	Lower	Upper
97	100		
83	95.8	64.2	96.4
85	63.4	42.4	63.6
99	68.0	49.5	74.3

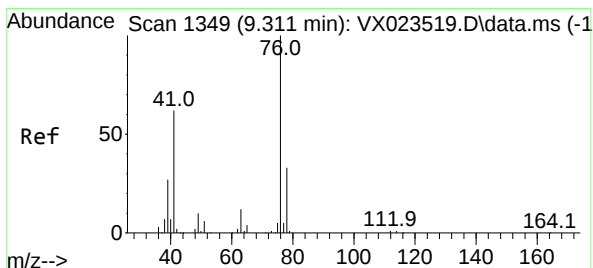
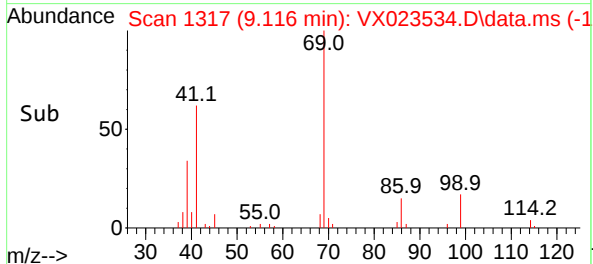
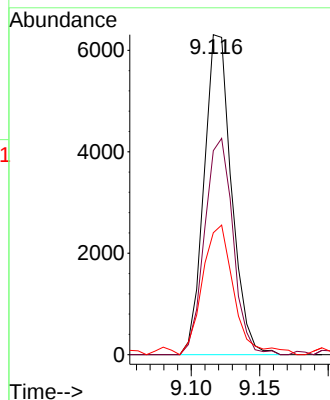
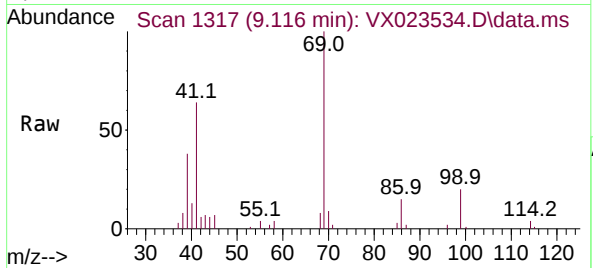




#51
Ethyl methacrylate
Concen: 1.996 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.006 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

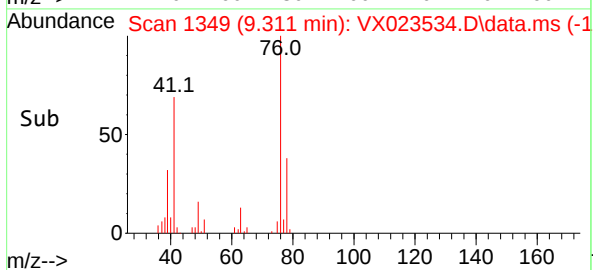
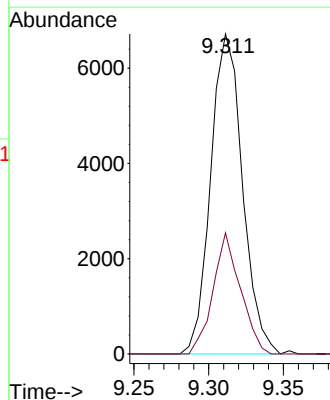
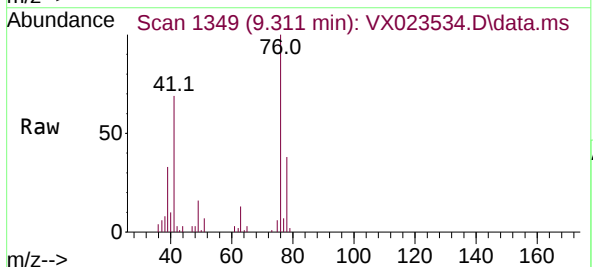
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2021DL

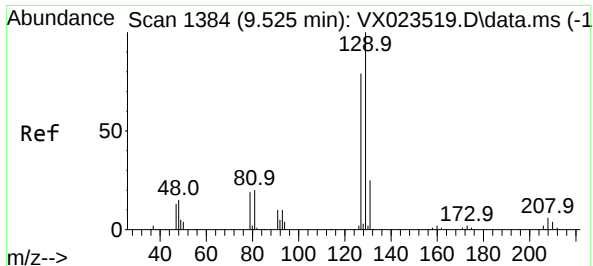
Tgt Ion:	69	Resp:	8816
Ion	Ratio	Lower	Upper
69	100		
41	63.7	35.8	107.3
39	38.1	20.3	60.8



#52
1,3-Dichloropropane
Concen: 2.160 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

Tgt Ion:	76	Resp:	9932
Ion	Ratio	Lower	Upper
76	100		
78	32.6	0.0	64.0

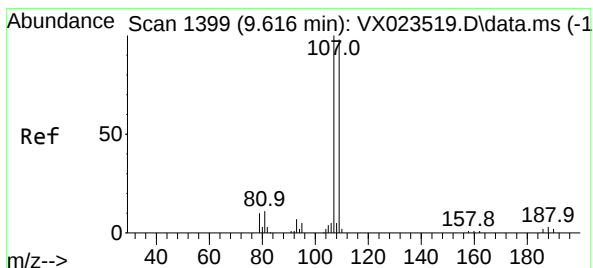
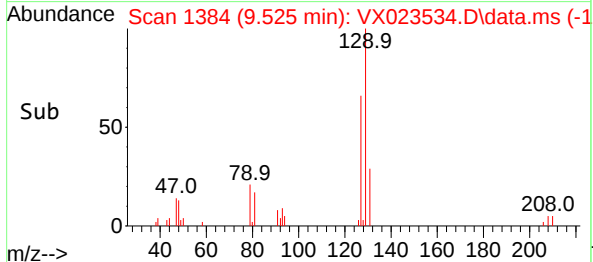
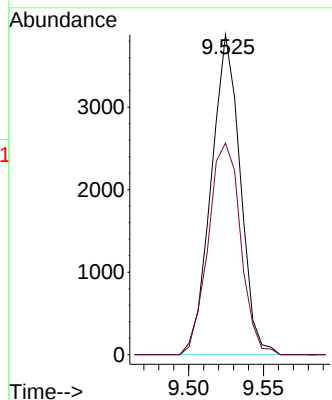
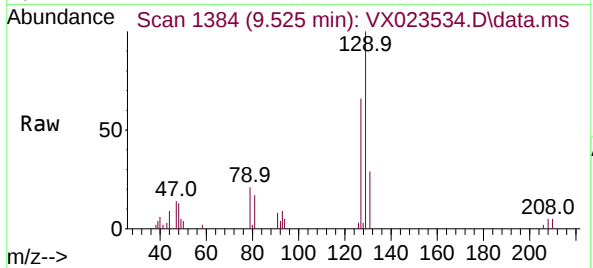




#53
Dibromochloromethane
Concen: 1.862 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

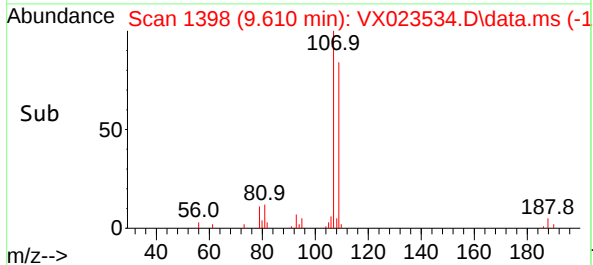
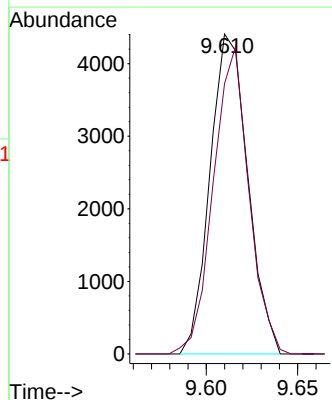
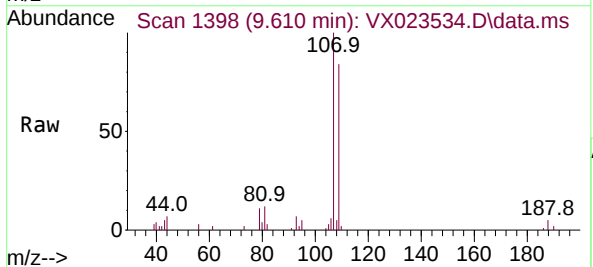
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2021DL

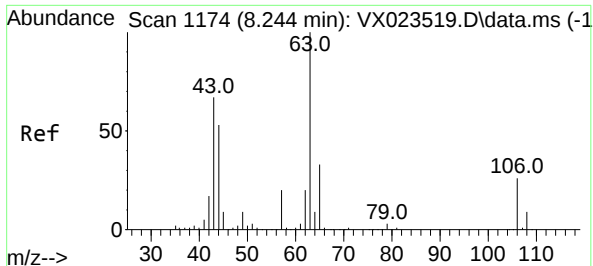
Tgt Ion:129 Resp: 5242
Ion Ratio Lower Upper
129 100
127 73.5 39.3 117.9



#54
1,2-Dibromoethane
Concen: 2.142 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.006 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

Tgt Ion:107 Resp: 6350
Ion Ratio Lower Upper
107 100
109 90.1 75.3 112.9

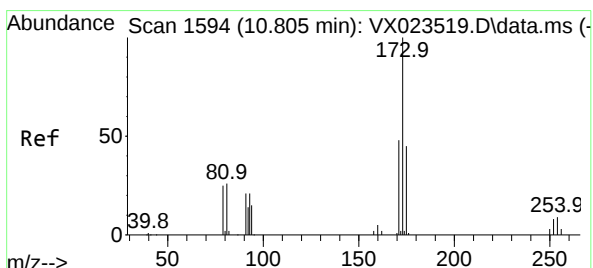
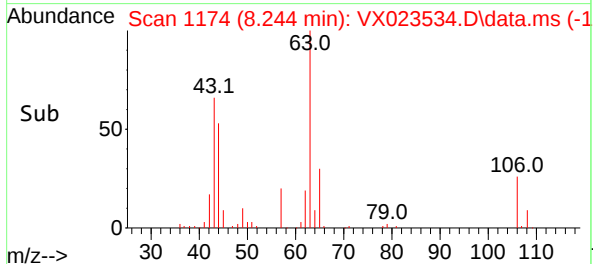
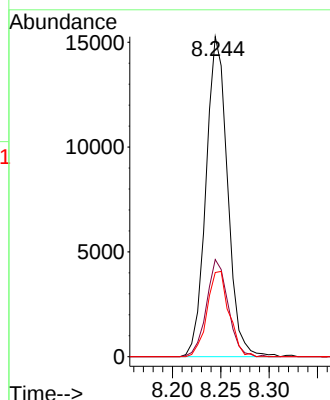
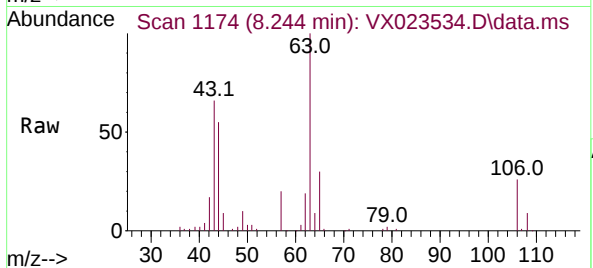




#55
2-Chloroethyl vinyl ether
Concen: 10.769 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. -0.000 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

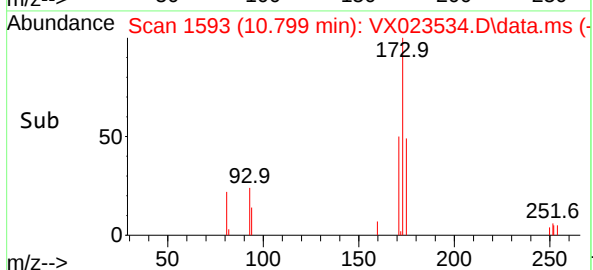
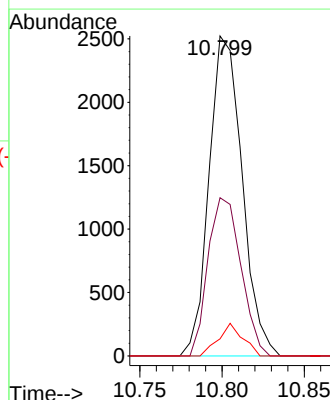
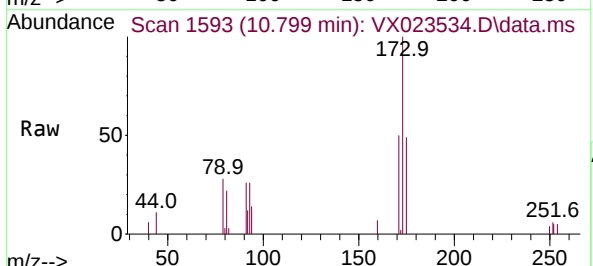
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2021DL

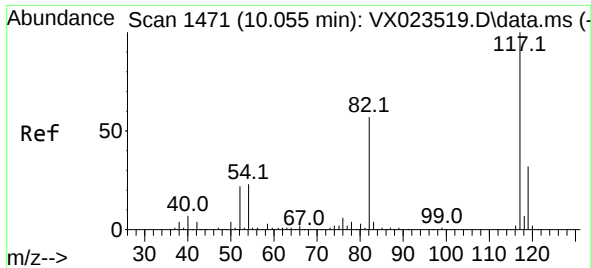
Tgt Ion:	63	Resp:	23756
Ion	Ratio	Lower	Upper
63	100		
65	30.1	25.8	38.6
106	27.0	21.8	32.8



#56
Bromoform
Concen: 1.747 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.006 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

Tgt Ion:	173	Resp:	3530
Ion	Ratio	Lower	Upper
173	100		
175	49.3	38.4	57.6
254	7.5	7.3	10.9

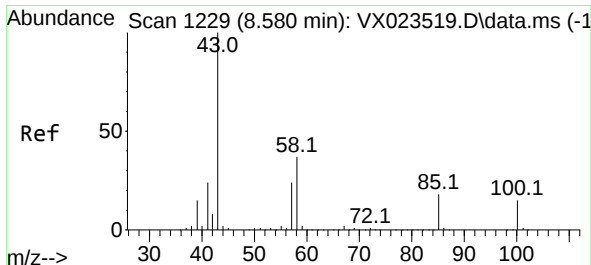
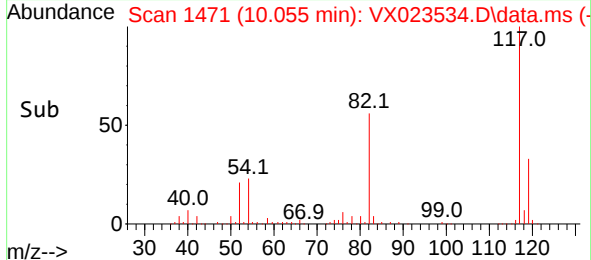
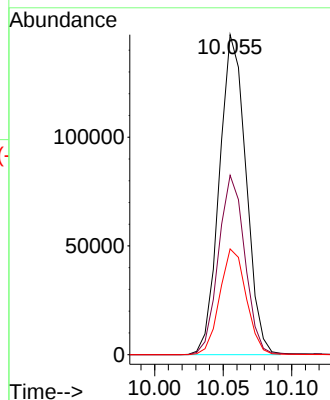
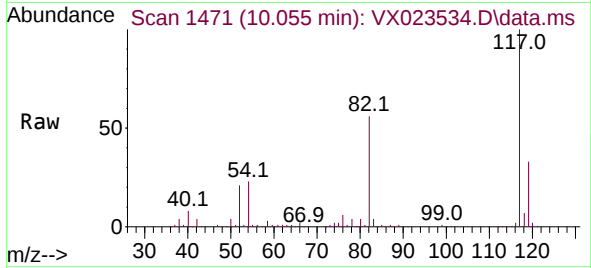




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

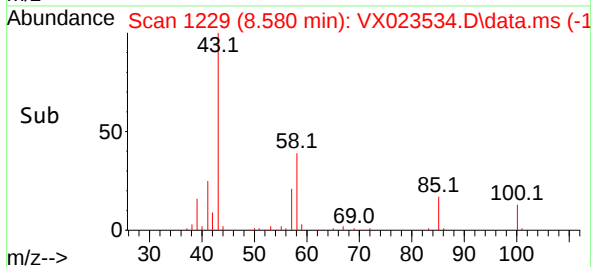
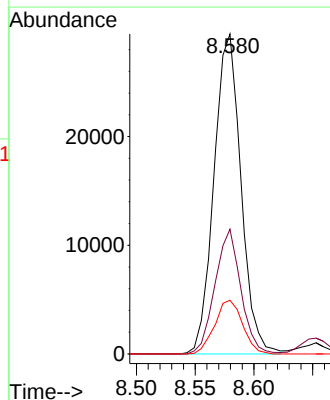
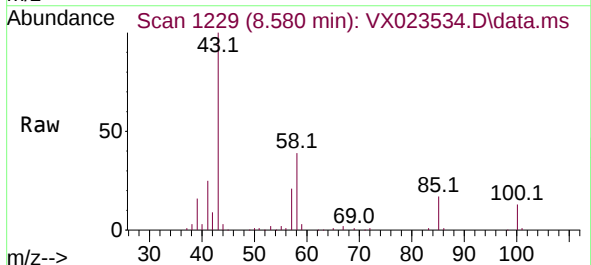
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2021DL

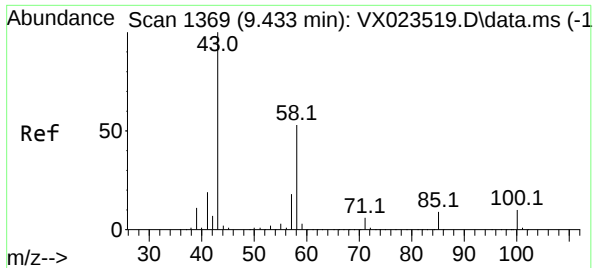
Tgt Ion:	117	Resp:	199162
Ion Ratio	Lower	Upper	
117	100		
82	55.4	45.0	67.4
119	32.8	26.2	39.2



#58
4-Methyl-2-Pentanone
Concen: 10.957 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

Tgt Ion:	43	Resp:	47045
Ion Ratio	Lower	Upper	
43	100		
58	37.3	30.5	45.7
85	17.3	14.0	21.0

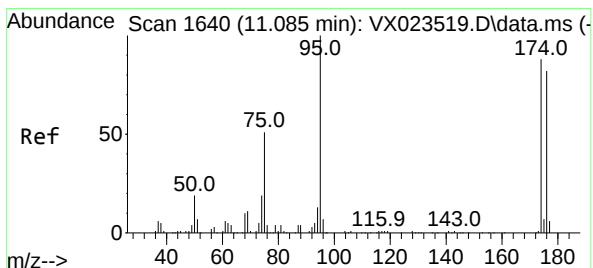
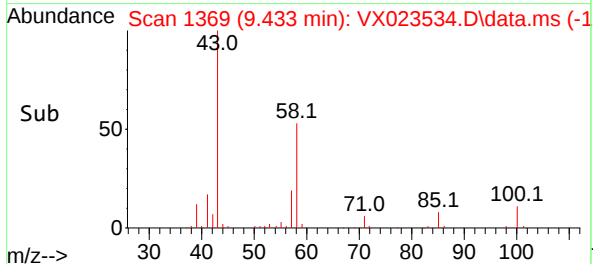
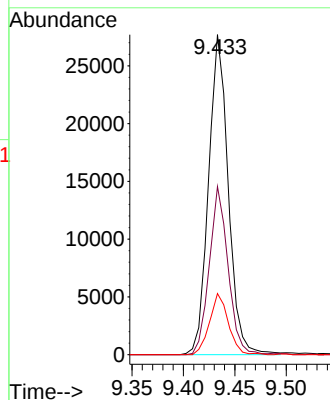
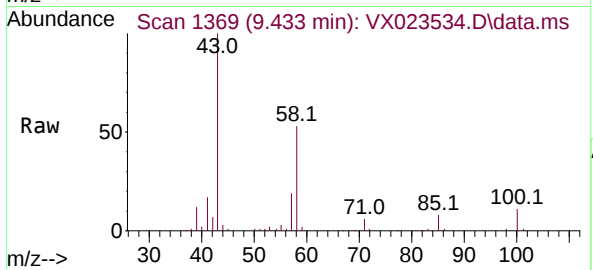




#59
2-Hexanone
Concen: 11.125 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

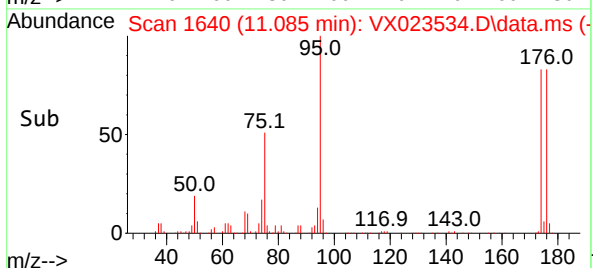
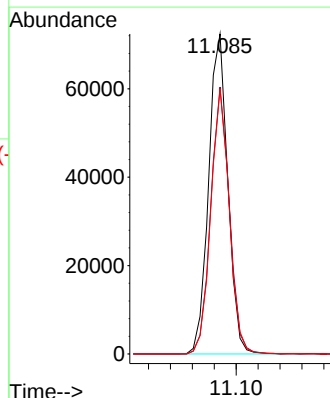
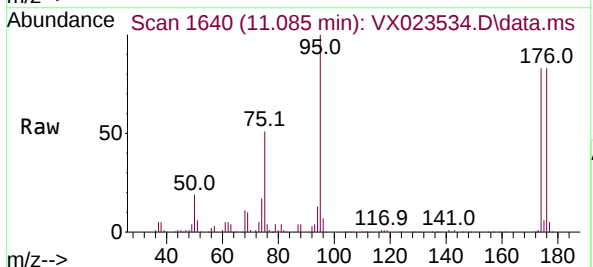
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2021DL

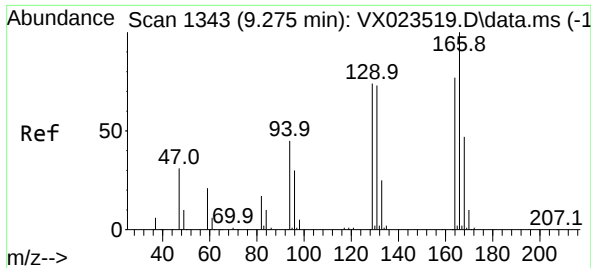
Tgt Ion:	43	Resp:	37093
Ion	Ratio	Lower	Upper
43	100		
58	49.9	42.1	63.1
57	18.1	14.9	22.3



#60
4-Bromofluorobenzene
Concen: 26.924 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.000 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

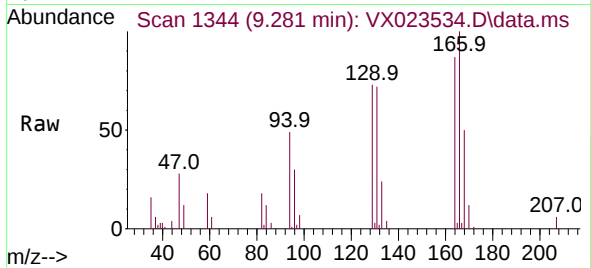
Tgt Ion:	95	Resp:	87829
Ion	Ratio	Lower	Upper
95	100		
174	81.4	63.5	95.3
176	79.9	63.0	94.4



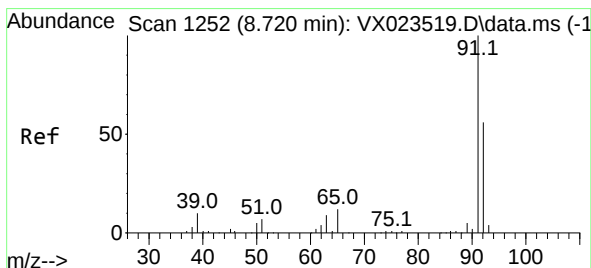
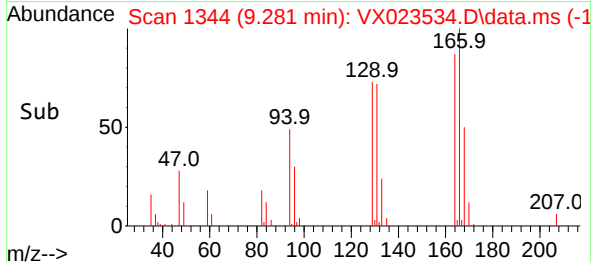
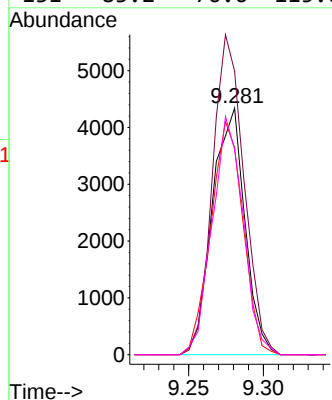


#61
Tetrachloroethene
Concen: 2.459 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2021DL

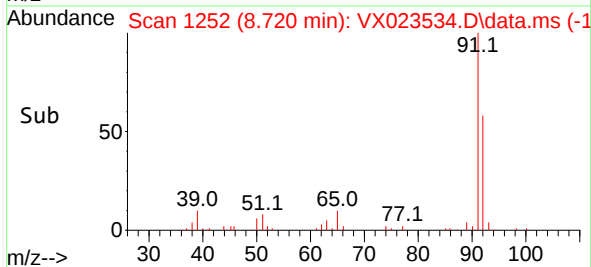
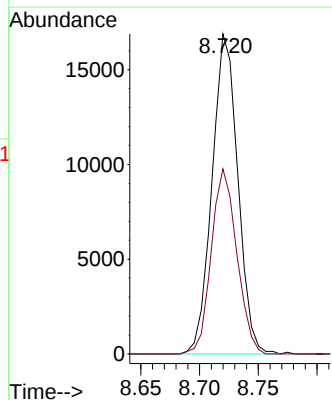
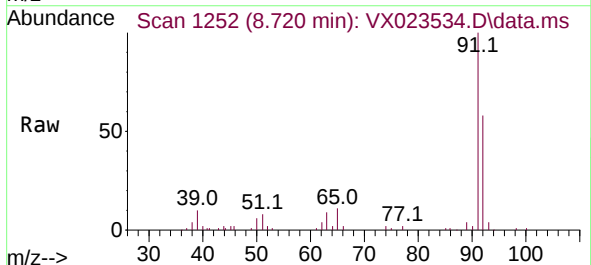


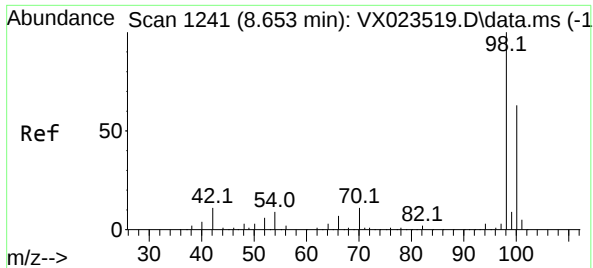
Tgt Ion:164 Resp: 6580
Ion Ratio Lower Upper
164 100
166 115.0 98.6 147.8
129 84.0 79.7 119.5
131 83.2 76.6 115.0



#62
Toluene
Concen: 2.293 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

Tgt Ion: 91 Resp: 25768
Ion Ratio Lower Upper
91 100
92 57.2 46.5 69.7

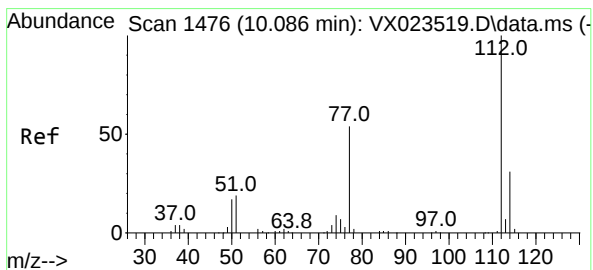
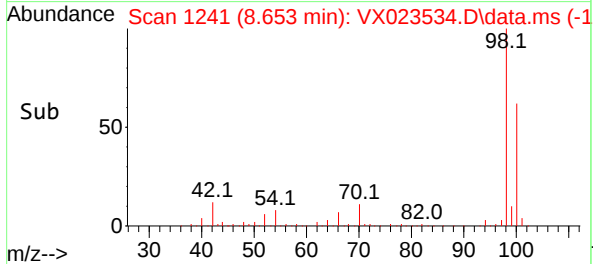
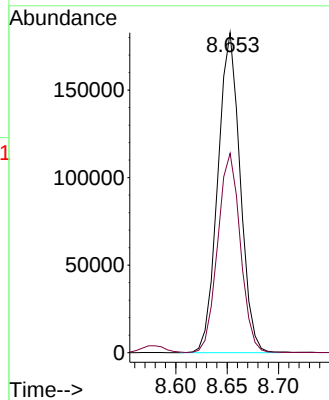
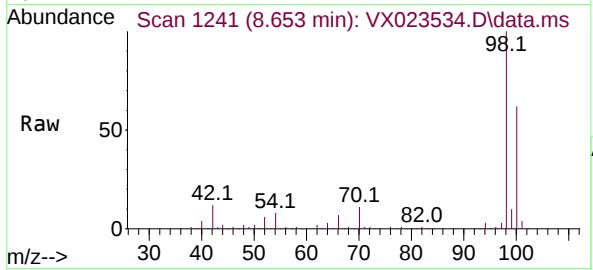




#63
Toluene-d8
Concen: 30.746 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

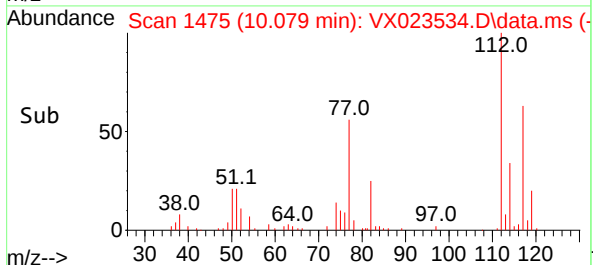
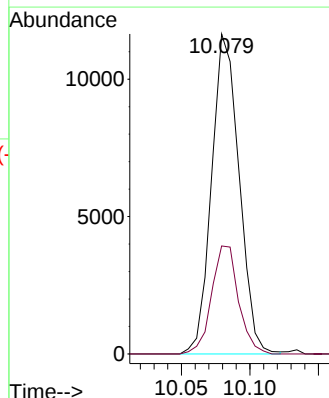
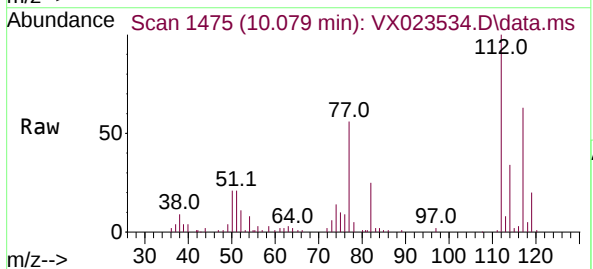
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2021DL

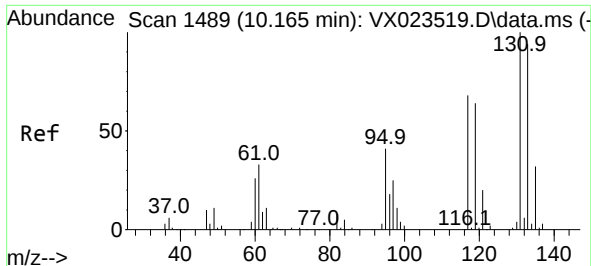
Tgt Ion: 98 Resp: 275591
Ion Ratio Lower Upper
98 100
100 63.2 51.4 77.0



#64
Chlorobenzene
Concen: 2.286 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

Tgt Ion: 112 Resp: 16252
Ion Ratio Lower Upper
112 100
114 33.8 26.0 39.0

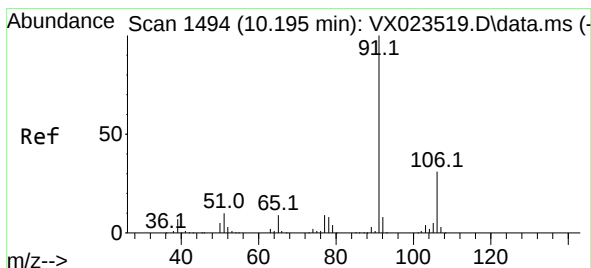
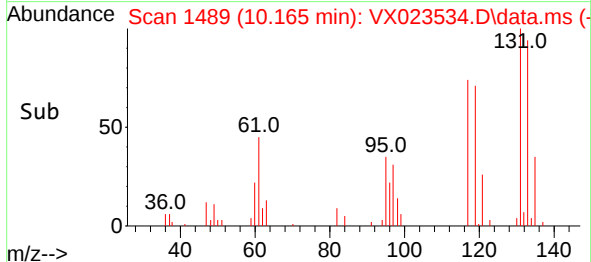
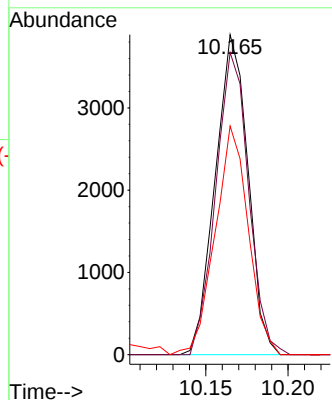
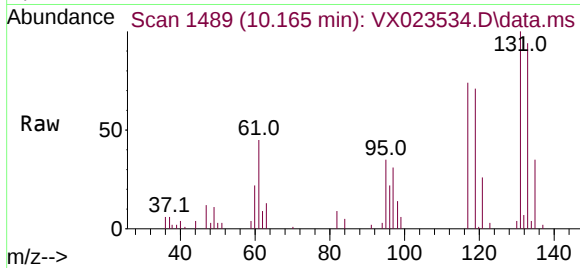




#65
1,1,1,2-Tetrachloroethane
Concen: 2.043 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

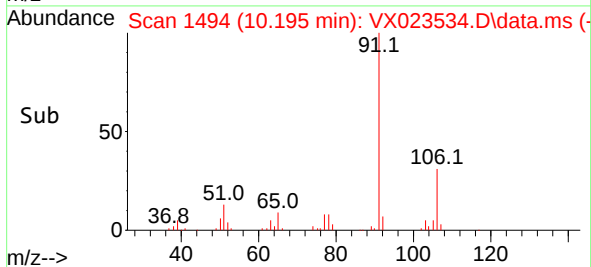
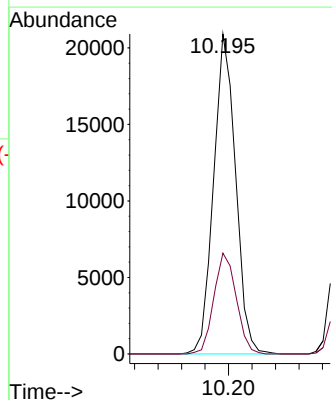
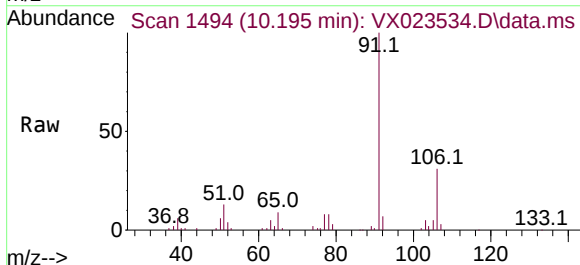
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2021DL

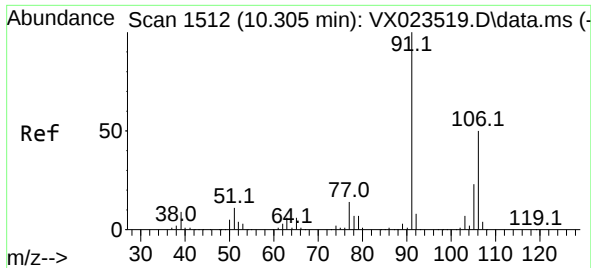
Tgt Ion:	131	Resp:	5376
Ion	Ratio	Lower	Upper
131	100		
133	94.8	0.0	191.2
119	72.2	0.0	133.2



#66
Ethyl Benzene
Concen: 2.186 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

Tgt Ion:	91	Resp:	27178
Ion	Ratio	Lower	Upper
91	100		
106	31.5	24.7	37.1

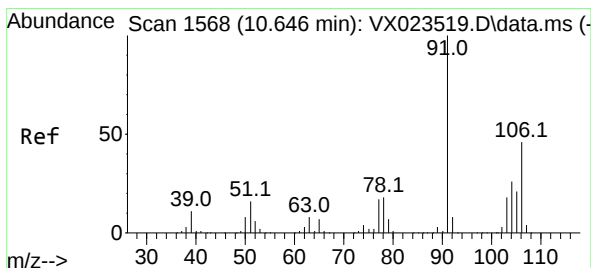
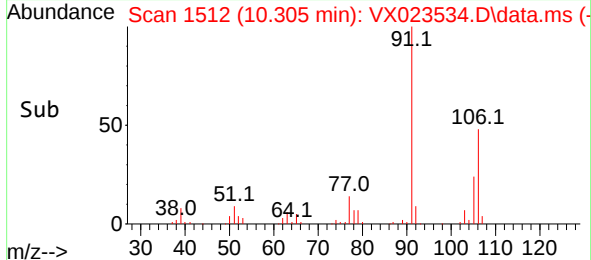
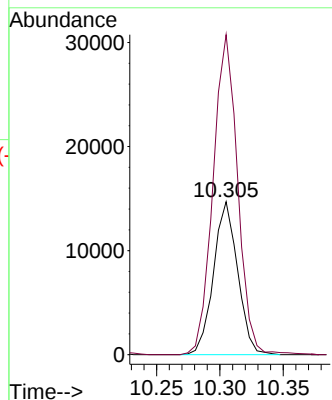
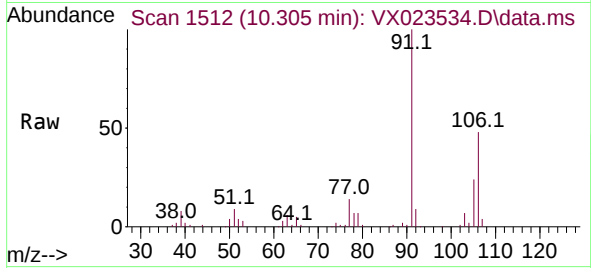




#67
m/p-Xylenes
Concen: 4.058 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

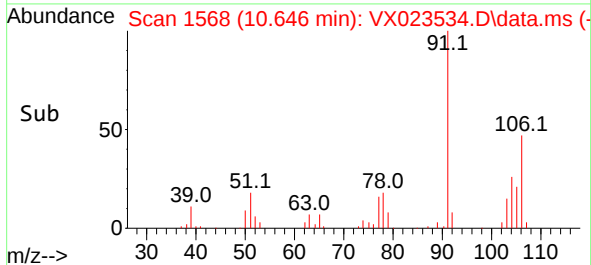
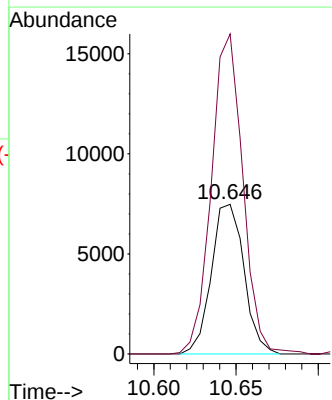
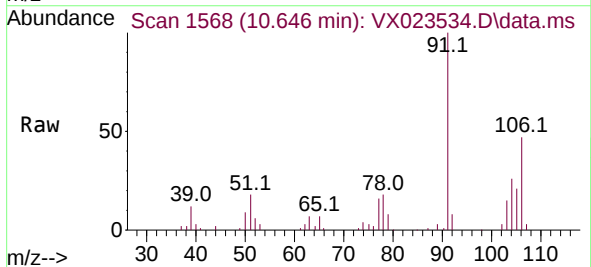
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2021DL

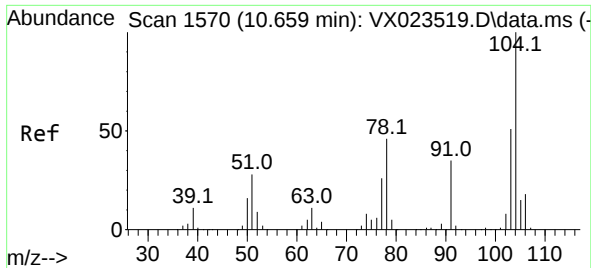
Tgt Ion:106 Resp: 19512
Ion Ratio Lower Upper
106 100
91 211.1 162.4 243.6



#68
o-Xylene
Concen: 2.181 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

Tgt Ion:106 Resp: 10338
Ion Ratio Lower Upper
106 100
91 205.1 107.3 321.8

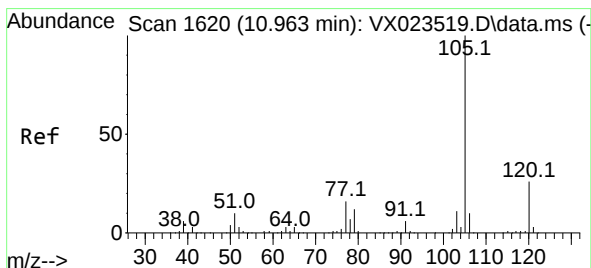
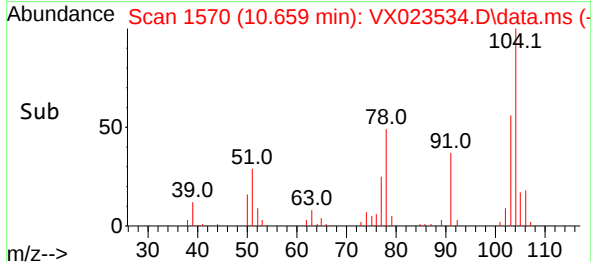
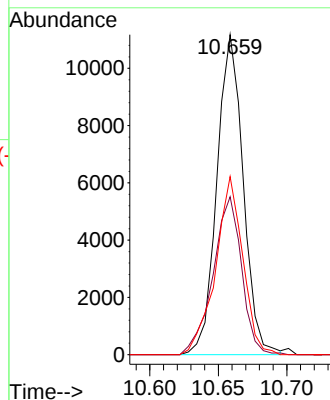
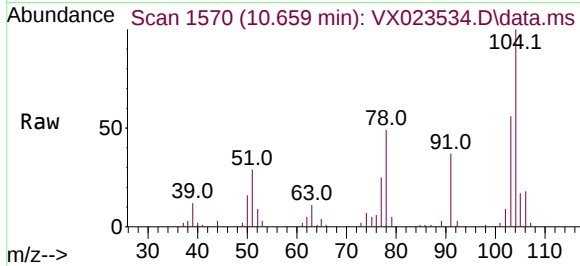




#69
Styrene
Concen: 1.909 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

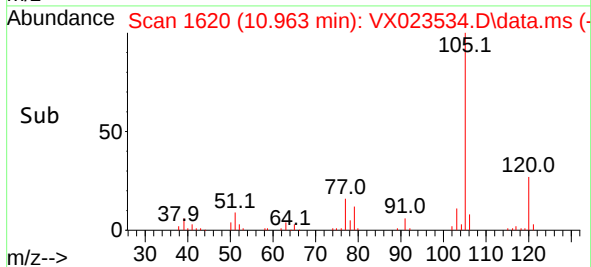
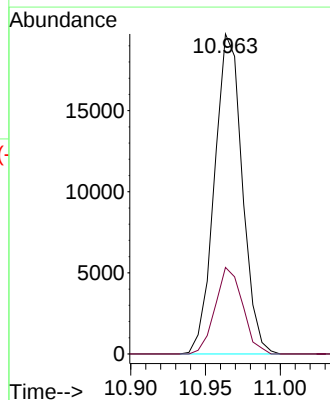
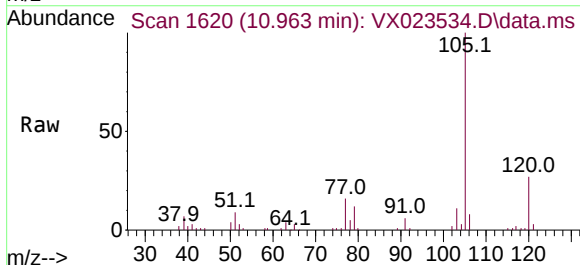
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2021DL

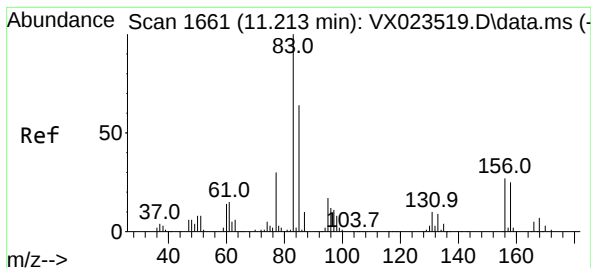
Tgt Ion:	104	Resp:	14917
Ion	Ratio	Lower	Upper
104	100		
78	53.6	41.4	62.0
103	57.7	44.2	66.4



#70
Isopropylbenzene
Concen: 2.045 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

Tgt Ion:	105	Resp:	25485
Ion	Ratio	Lower	Upper
105	100		
120	26.7	18.7	34.7

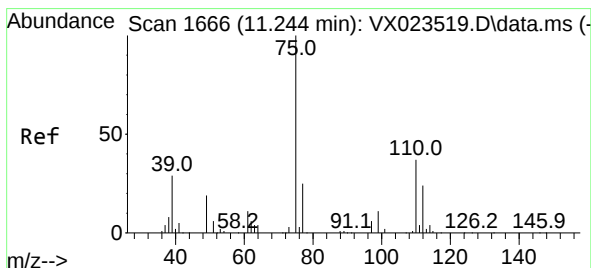
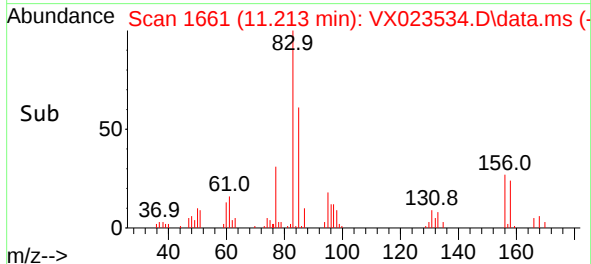
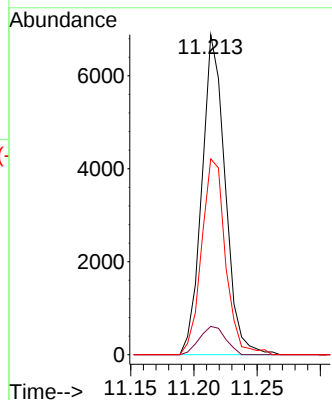
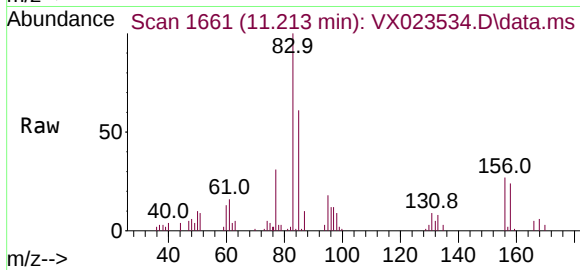




#71
1,1,2,2-Tetrachloroethane
Concen: 2.213 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

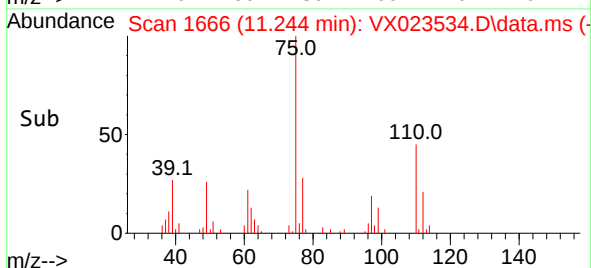
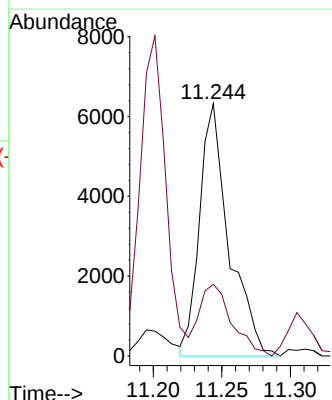
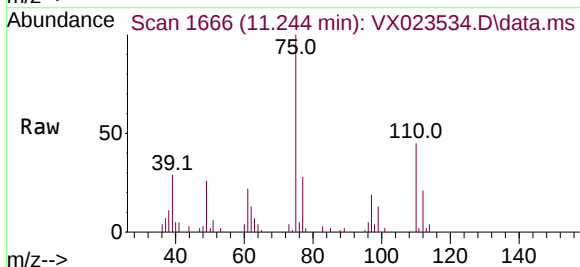
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2021DL

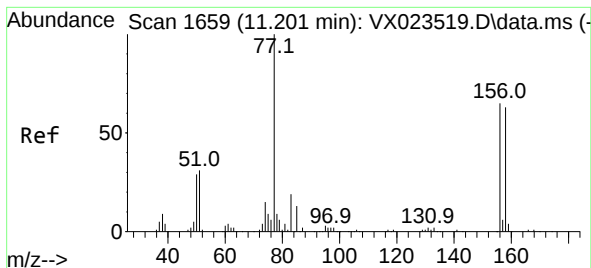
Tgt Ion: 83 Resp: 8825
Ion Ratio Lower Upper
83 100
131 9.8 5.1 15.4
85 62.8 32.4 97.2



#72
1,2,3-Trichloropropane
Concen: 2.526 ug/l
RT: 11.244 min Scan# 1666
Delta R.T. -0.000 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

Tgt Ion: 75 Resp: 9466
Ion Ratio Lower Upper
75 100
77 31.3 0.0 77.4

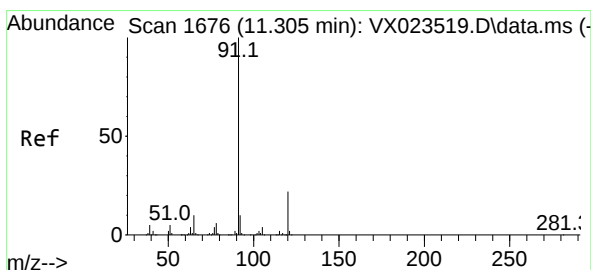
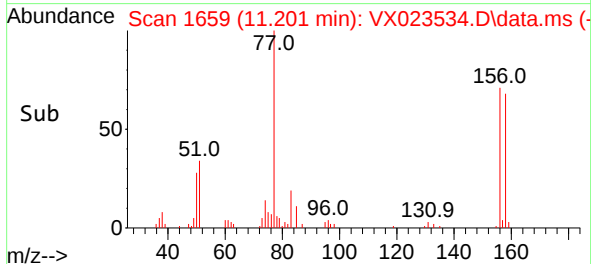
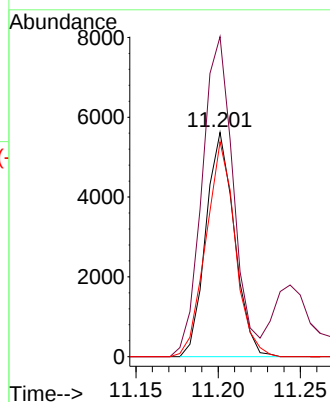
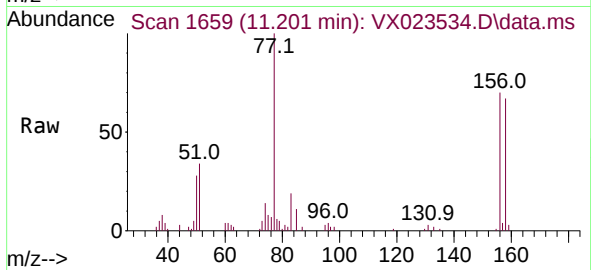




#73
Bromobenzene
Concen: 2.243 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. -0.000 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

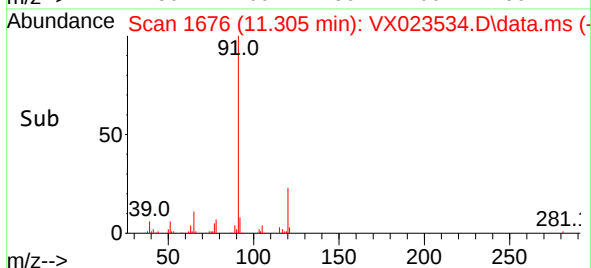
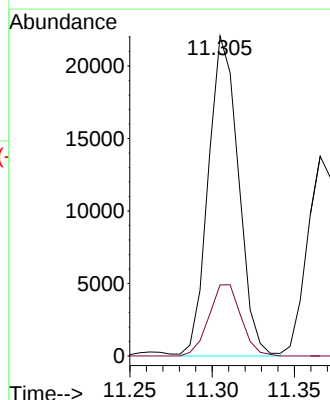
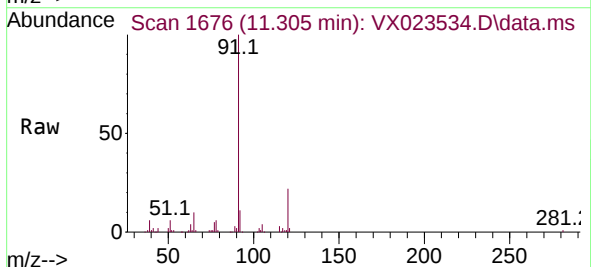
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2021DL

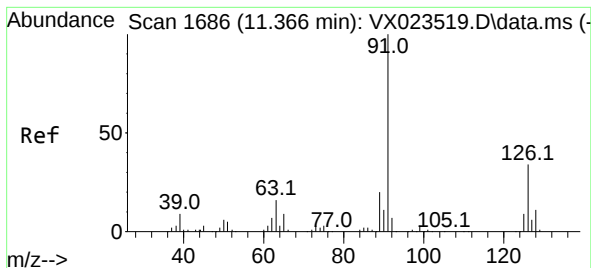
Tgt Ion:156 Resp: 6807
Ion Ratio Lower Upper
156 100
77 155.4 0.0 303.2
158 98.1 0.0 197.2



#74
n-propylbenzene
Concen: 1.947 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

Tgt Ion: 91 Resp: 28105
Ion Ratio Lower Upper
91 100
120 23.8 0.0 46.0

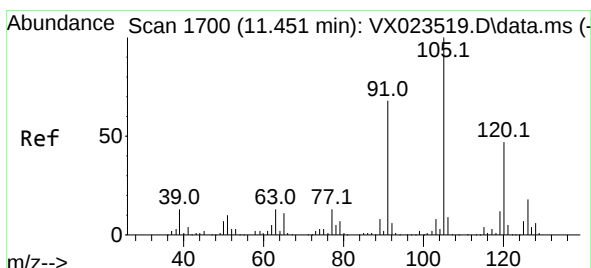
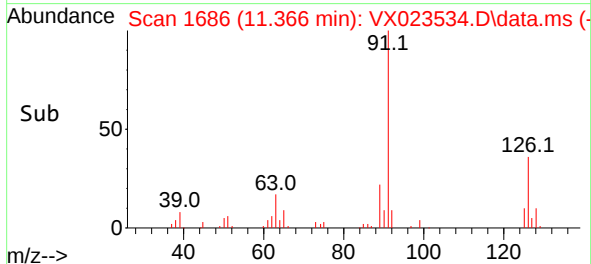
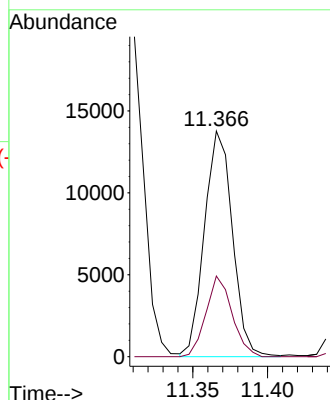
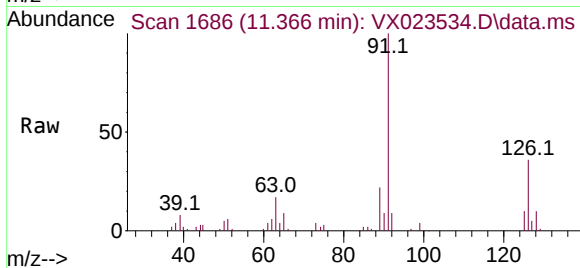




#75
2-Chlorotoluene
Concen: 2.084 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

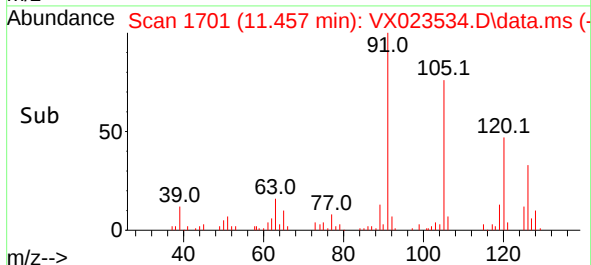
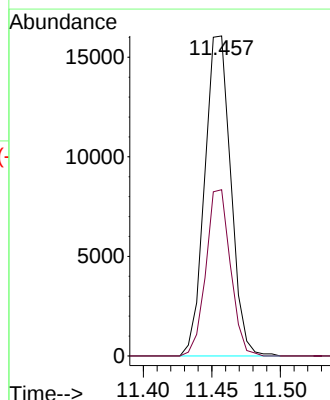
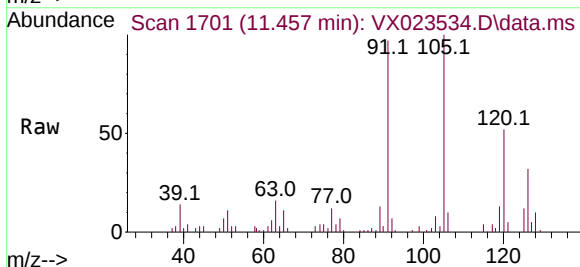
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2021DL

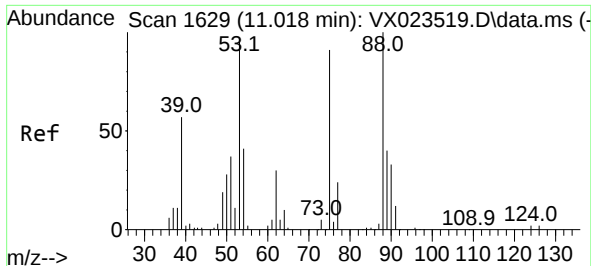
Tgt Ion: 91 Resp: 17959
Ion Ratio Lower Upper
91 100
126 33.3 0.0 69.0



#76
1,3,5-Trimethylbenzene
Concen: 2.063 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

Tgt Ion: 105 Resp: 21324
Ion Ratio Lower Upper
105 100
120 48.8 0.0 98.0

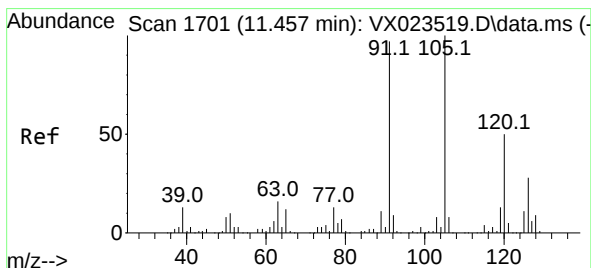
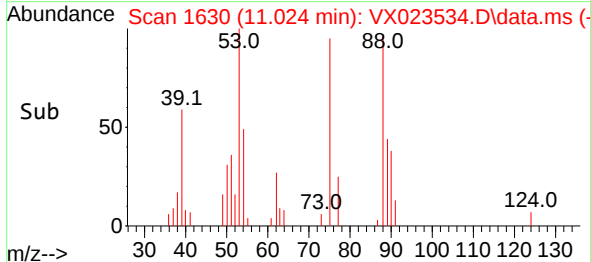
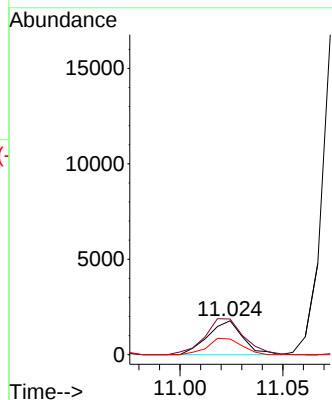
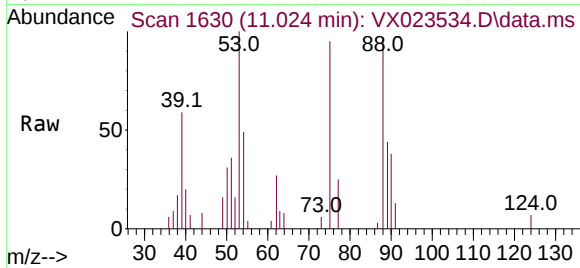




#77
t-1,4-Dichloro-2-butene
Concen: 1.561 ug/l
RT: 11.024 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

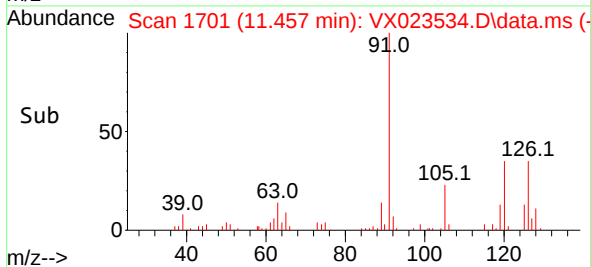
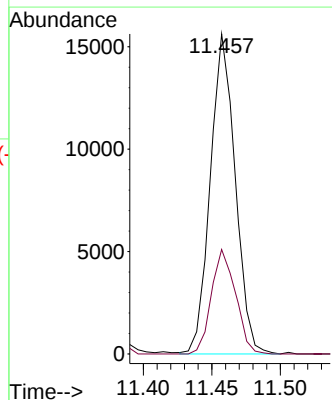
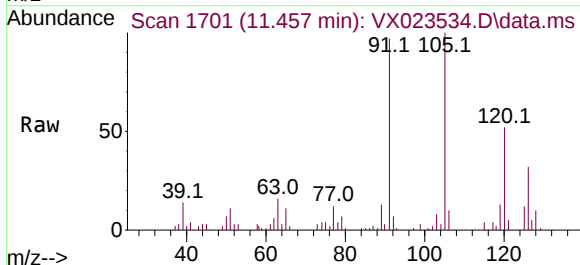
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2021DL

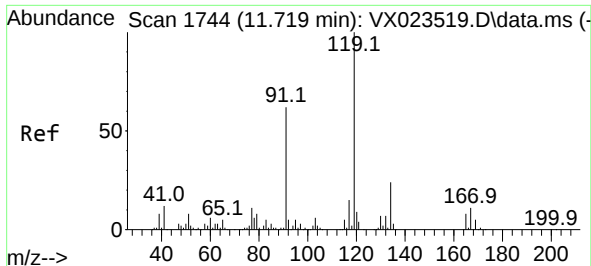
Tgt Ion: 75 Resp: 2088
Ion Ratio Lower Upper
75 100
53 102.4 53.9 161.7
89 46.0 22.9 68.7



#78
4-Chlorotoluene
Concen: 2.028 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

Tgt Ion: 91 Resp: 19743
Ion Ratio Lower Upper
91 100
126 31.6 0.0 59.6

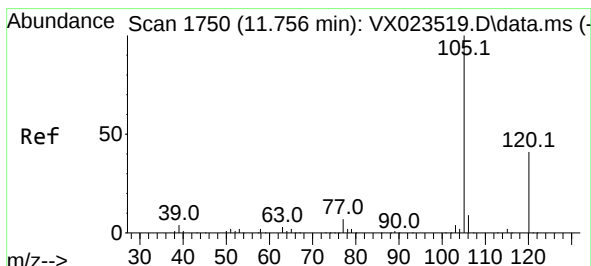
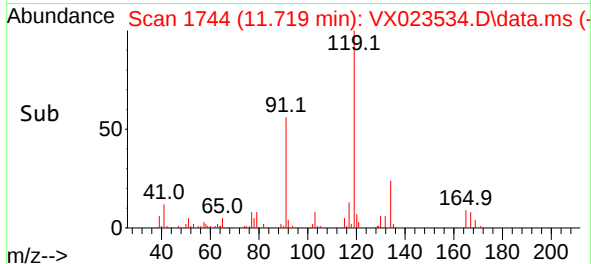
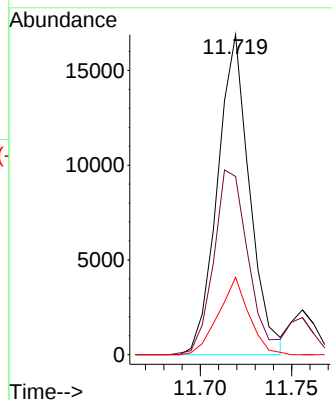
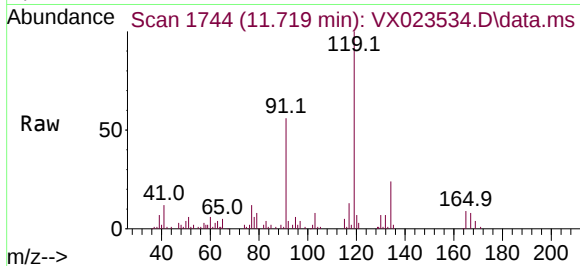




#79
tert-butylbenzene
Concen: 2.056 ug/l
RT: 11.719 min Scan# 1744
Delta R.T. -0.000 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

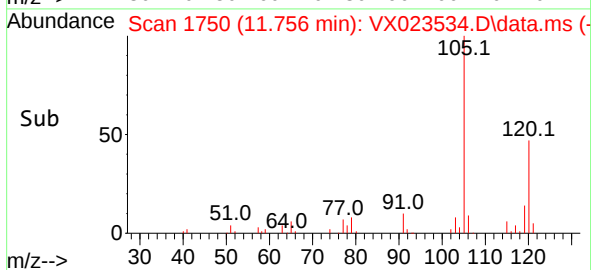
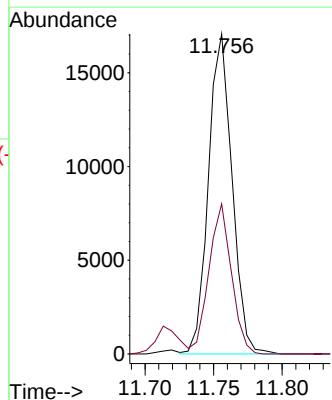
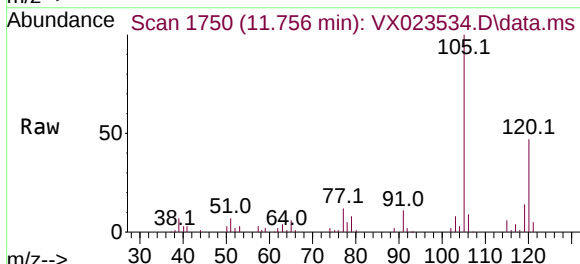
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2021DL

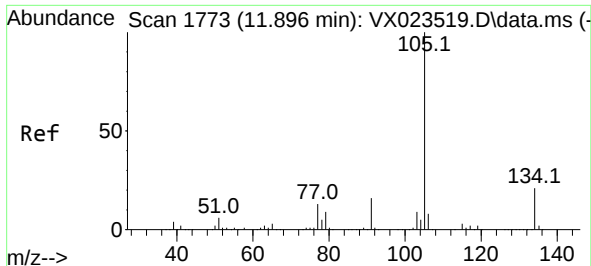
Tgt Ion:	119	Resp:	20647
Ion Ratio	Lower	Upper	
119	100		
91	61.0	0.0	121.2
134	23.0	0.0	47.4



#80
1,2,4-Trimethylbenzene
Concen: 1.996 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

Tgt Ion:	105	Resp:	20446
Ion Ratio	Lower	Upper	
105	100		
120	44.8	0.0	90.4

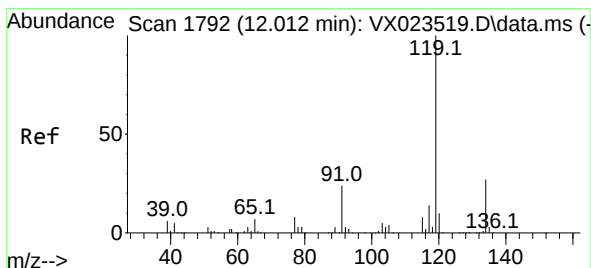
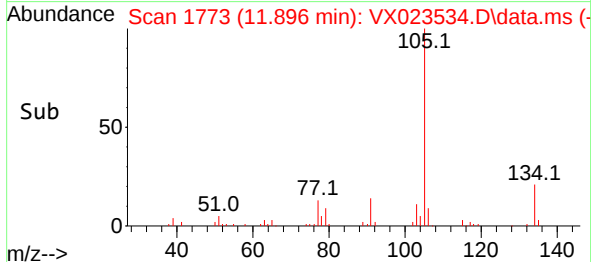
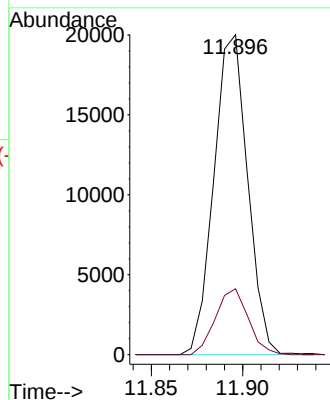
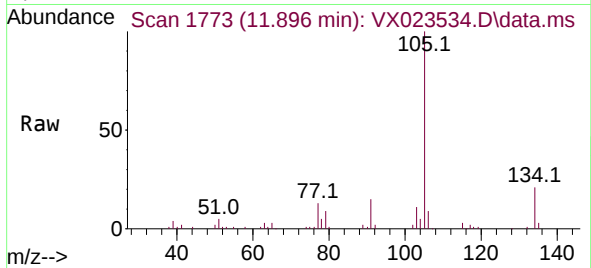




#81
 sec-Butylbenzene
 Concen: 2.000 ug/l
 RT: 11.896 min Scan# 1773
 Delta R.T. -0.000 min
 Lab File: VX023534.D
 Acq: 04 Aug 2021 11:07

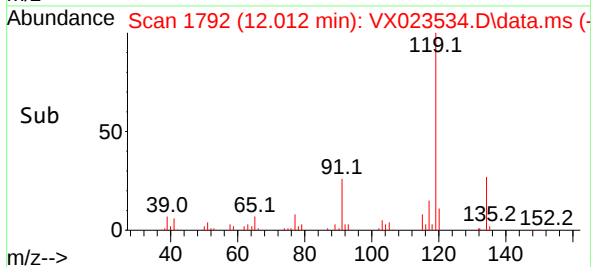
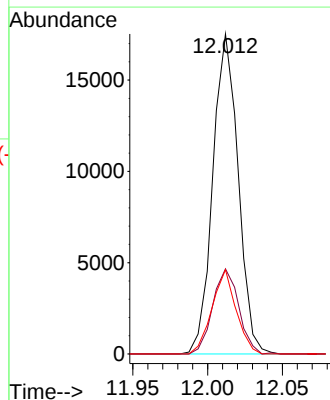
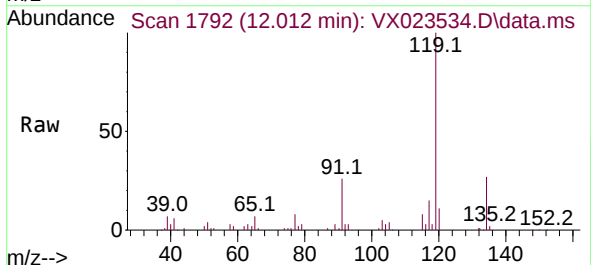
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT3-2021DL

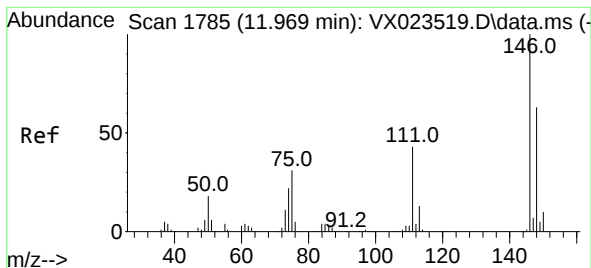
Tgt Ion:105 Resp: 25727
 Ion Ratio Lower Upper
 105 100
 134 20.0 0.0 40.2



#82
 p-Isopropyltoluene
 Concen: 1.954 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX023534.D
 Acq: 04 Aug 2021 11:07

Tgt Ion:119 Resp: 20651
 Ion Ratio Lower Upper
 119 100
 134 27.2 0.0 52.8
 91 25.0 0.0 48.6





#83

1,3-Dichlorobenzene

Concen: 2.020 ug/l

RT: 11.975 min Scan# 1786

Delta R.T. 0.006 min

Lab File: VX023534.D

Acq: 04 Aug 2021 11:07

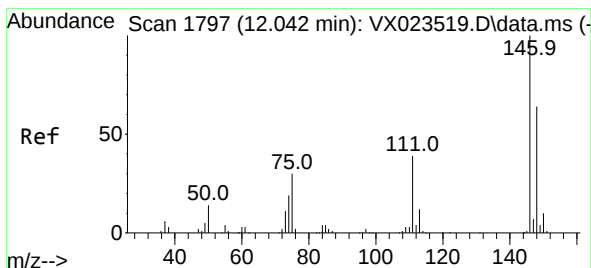
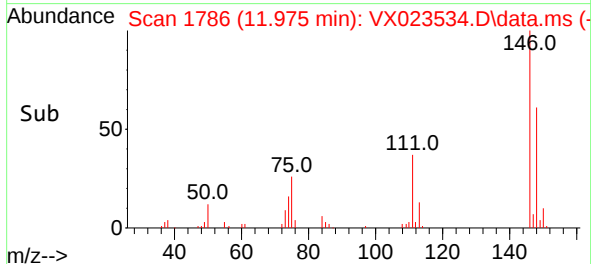
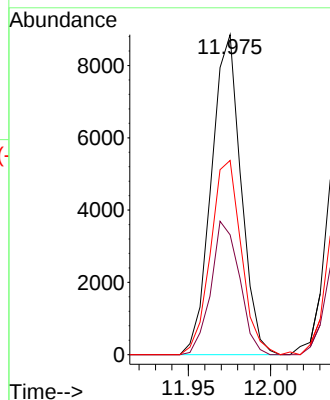
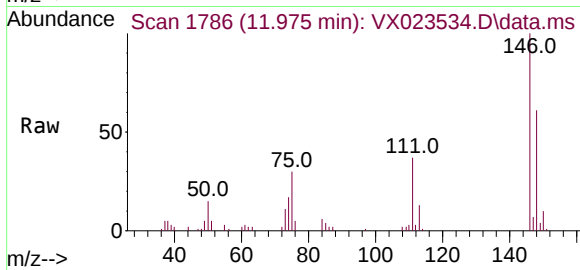
Tgt Ion:146 Resp: 11103

Ion Ratio Lower Upper

146 100

111 40.0 20.1 60.2

148 63.2 31.9 95.5



#84

1,4-Dichlorobenzene

Concen: 1.953 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX023534.D

Acq: 04 Aug 2021 11:07

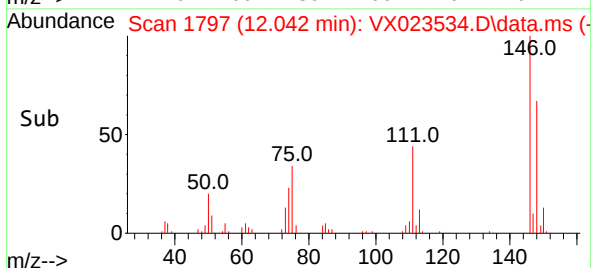
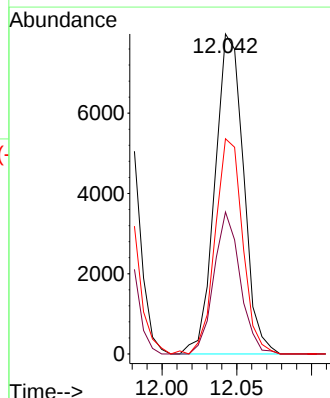
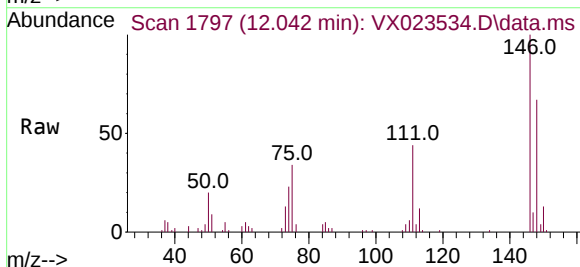
Tgt Ion:146 Resp: 10610

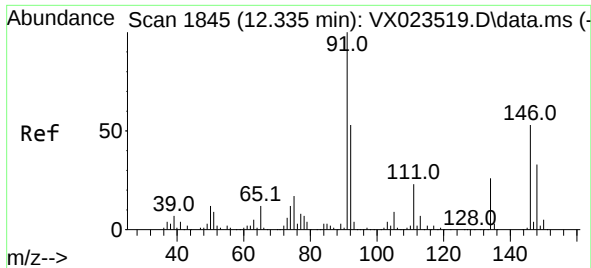
Ion Ratio Lower Upper

146 100

111 40.7 18.9 56.9

148 64.4 31.4 94.2

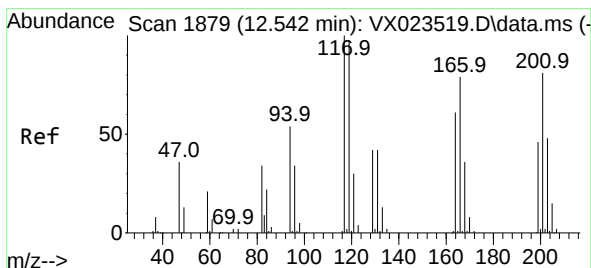
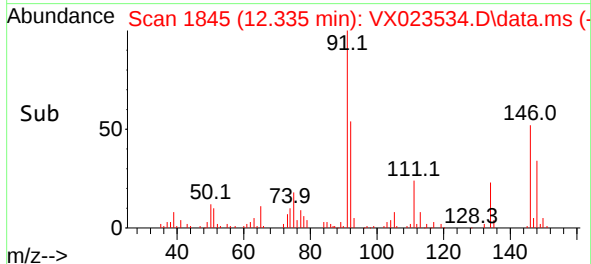
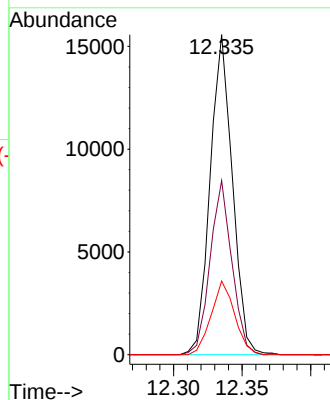
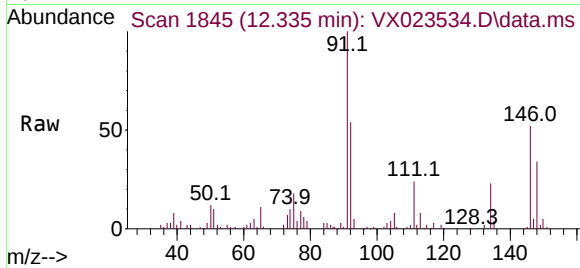




#85
n-Butylbenzene
Concen: 1.885 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

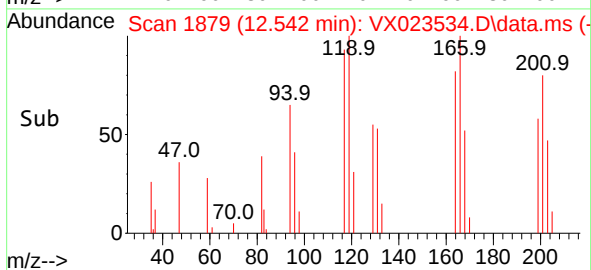
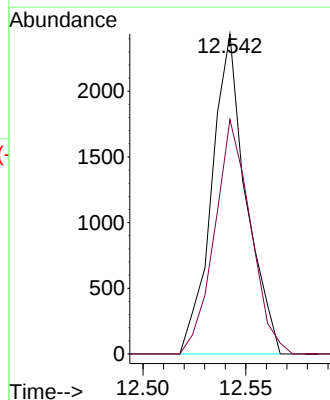
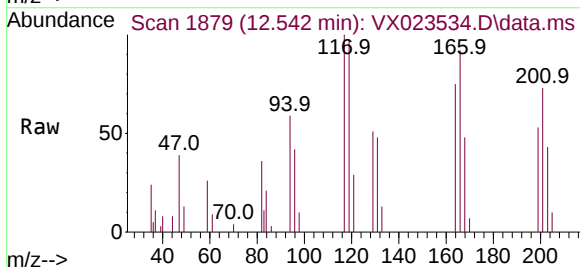
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2021DL

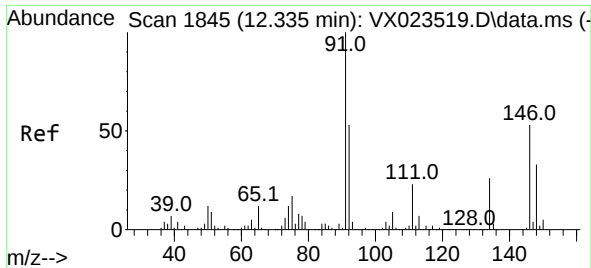
Tgt Ion:	91	Resp:	17621
Ion	Ratio	Lower	Upper
91	100		
92	53.1	0.0	105.4
134	24.3	0.0	52.4



#86
Hexachloroethane
Concen: 1.647 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. -0.000 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

Tgt Ion:	117	Resp:	2828
Ion	Ratio	Lower	Upper
117	100		
201	76.7	37.5	112.5

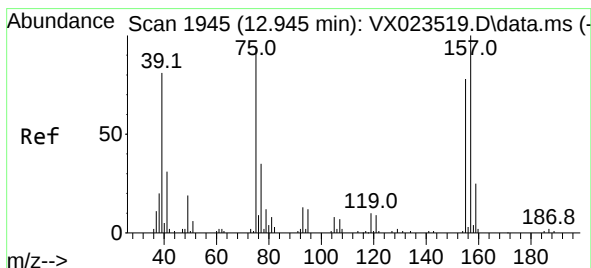
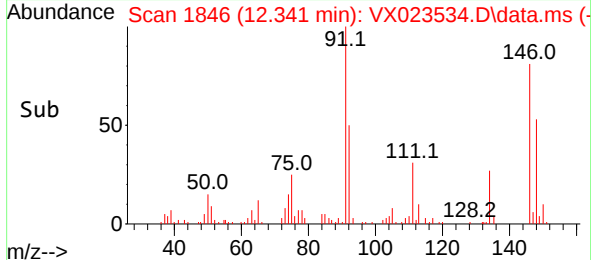
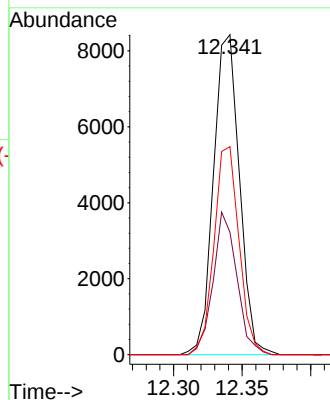
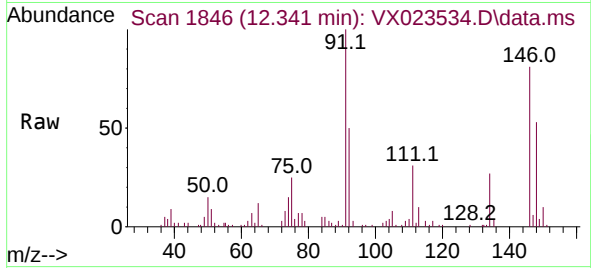




#87
1,2-Dichlorobenzene
Concen: 2.095 ug/l
RT: 12.341 min Scan# 1846
Delta R.T. 0.006 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

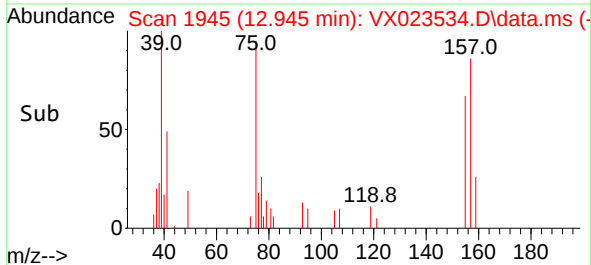
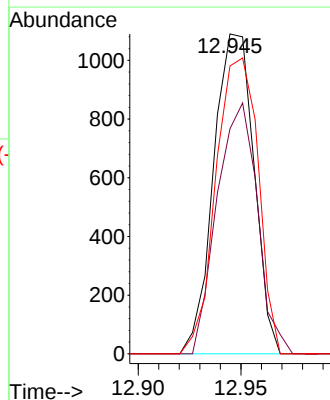
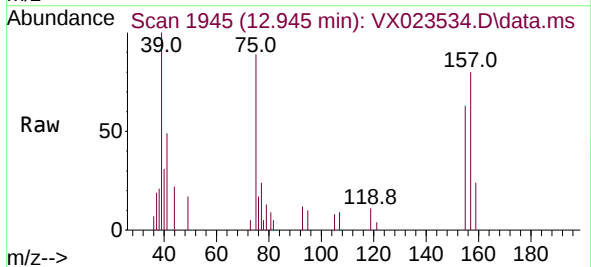
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2021DL

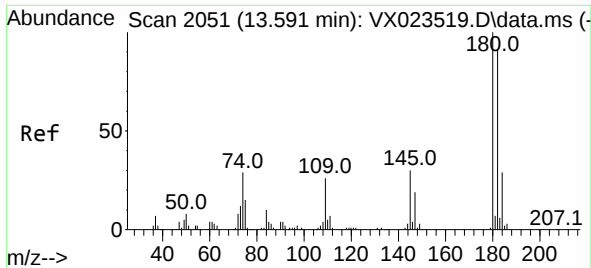
Tgt Ion:146 Resp: 11113
Ion Ratio Lower Upper
146 100
111 40.8 20.7 62.1
148 62.5 32.6 97.8



#88
1,2-Dibromo-3-Chloropropane
Concen: 1.698 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

Tgt Ion: 75 Resp: 1487
Ion Ratio Lower Upper
75 100
155 78.4 67.4 101.2
157 96.8 85.8 128.8

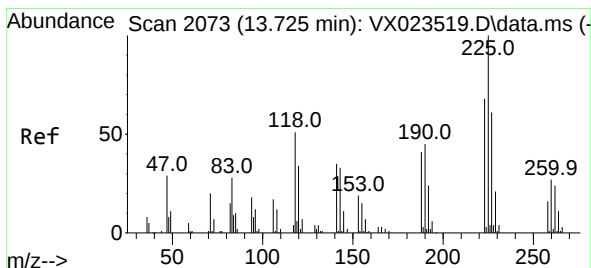
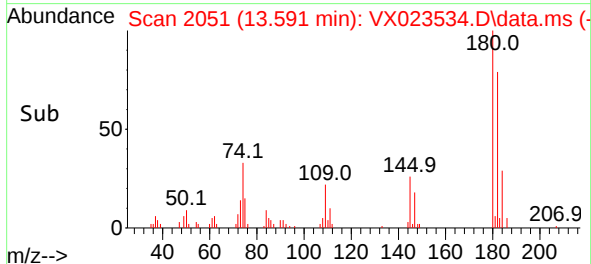
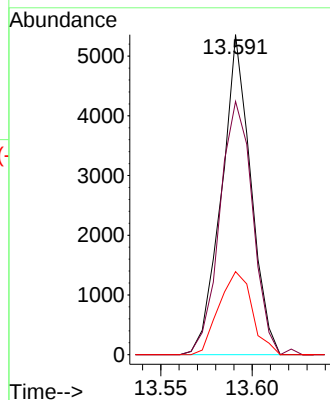
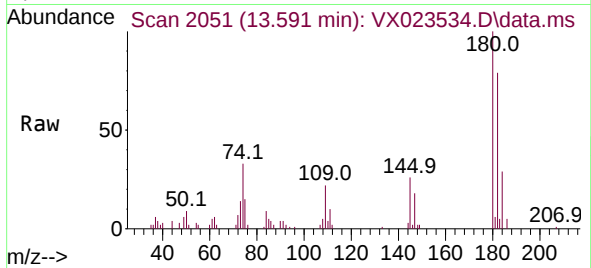




#89
1,2,4-Trichlorobenzene
Concen: 1.818 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

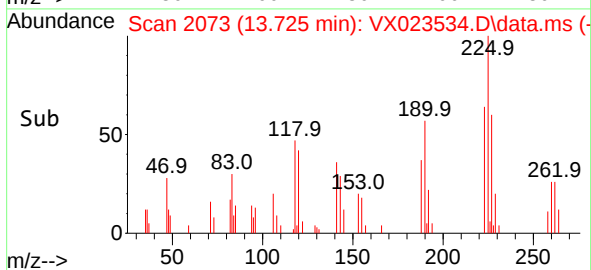
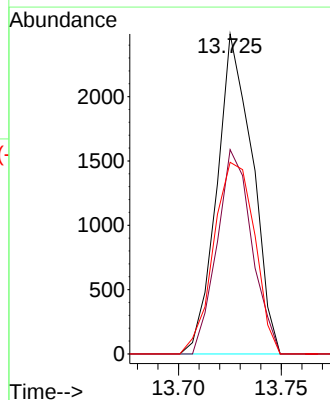
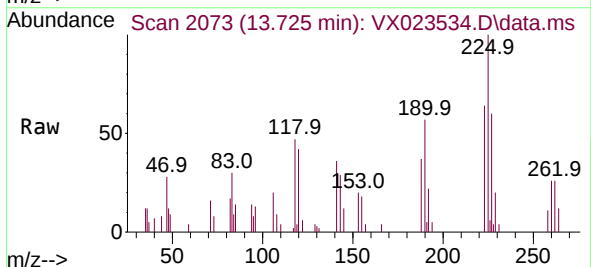
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2021DL

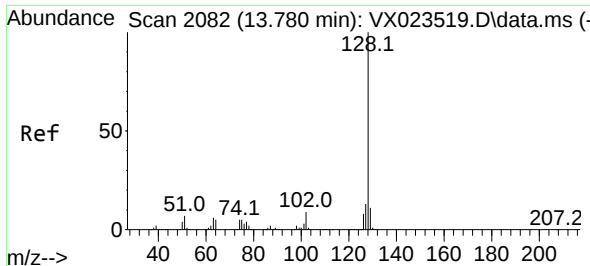
Tgt Ion:	180	Resp:	5966
Ion Ratio	Lower	Upper	
180	100		
182	88.9	75.9	113.9
145	29.4	24.2	36.4



#90
Hexachlorobutadiene
Concen: 2.024 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

Tgt Ion:	225	Resp:	2979
Ion Ratio	Lower	Upper	
225	100		
223	62.8	0.0	126.4
227	69.3	0.0	125.0

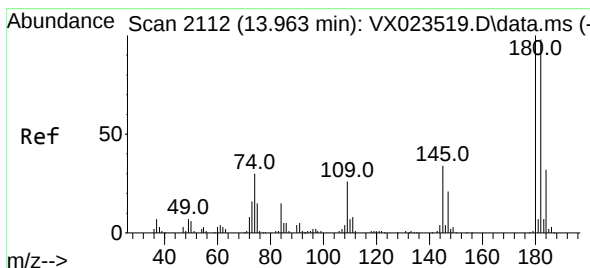
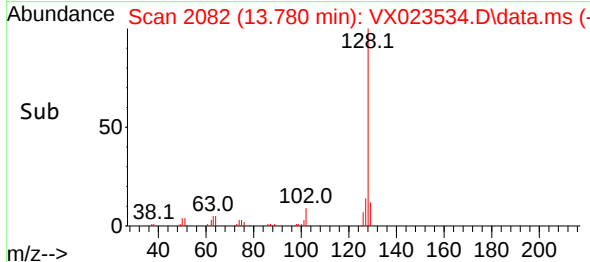
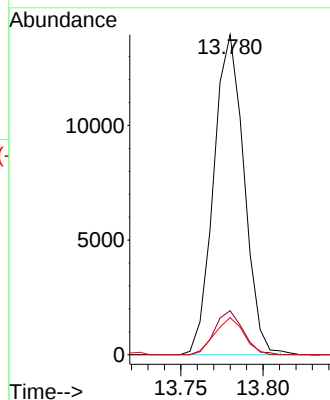
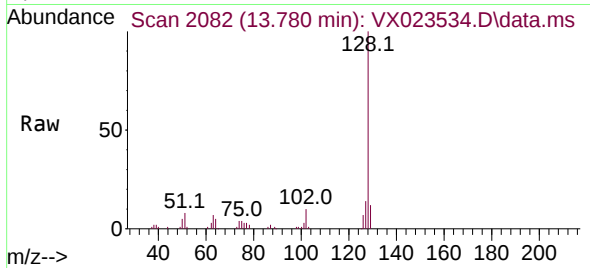




#91
Naphthalene
Concen: 1.592 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2021DL

Tgt Ion:	128	Resp:	17946
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.1	15.1
129	11.0	8.6	12.8



#92
1,2,3-Trichlorobenzene
Concen: 1.742 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

Tgt Ion:	180	Resp:	5743
Ion Ratio	Lower	Upper	
180	100		
182	94.9	0.0	193.4
145	35.2	0.0	64.4

