

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052521\
 Data File : VW021389.D
 Acq On : 25 May 2021 15:37
 Operator : SY/MD
 Sample : M2250-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT3-2021-05

Quant Time: May 26 07:53:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR052521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 26 07:52:48 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	262363	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	244988	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	136128	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	52387	4.72	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.40%
7) Chloroethane-d5	1.564	69	51329	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.00%
11) 1,1-Dichloroethene-d2	2.101	63	73853	3.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.20%
20) 2-Butanone-d5	3.921	46	199980	50.12	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.24%
24) Chloroform-d	4.349	84	149374	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
26) 1,2-Dichloroethane-d4	5.037	65	73494	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.80%
32) Benzene-d6	5.050	84	296489	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
36) 1,2-Dichloropropane-d6	6.072	67	95962	5.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.40%
41) Toluene-d8	7.317	98	268576	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
43) trans-1,3-Dichloroprop...	7.625	79	40374	5.07	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.40%
46) 2-Hexanone-d5	8.091	63	191633	51.15	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.30%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	77779	5.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.00%
66) 1,2-Dichlorobenzene-d4	11.625	152	120299	5.13	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.60%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	4190	0.24	ug/L	98
3) Chloromethane	1.236	50	4063	0.26	ug/L	98
5) Vinyl chloride	1.307	62	4073	0.25	ug/L #	81
6) Bromomethane	1.519	94	2707	0.26	ug/L	94
8) Chloroethane	1.580	64	2599	0.27	ug/L	94
9) Trichlorofluoromethane	1.748	101	5706	0.23	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	3881	0.28	ug/L	86
12) 1,1-Dichloroethene	2.111	96	4008	0.31	ug/L #	1
14) Carbon disulfide	2.288	76	10505	0.24	ug/L	96
15) Methyl Acetate	2.455	43	640	0.12	ug/L #	79
16) Methylene chloride	2.506	84	25027	1.17	ug/L	98
17) Methyl tert-butyl Ether	2.770	73	8481	0.23	ug/L #	93
18) trans-1,2-Dichloroethene	2.760	96	3727	0.23	ug/L	99
19) 1,1-Dichloroethane	3.195	63	6424	0.22	ug/L #	88
22) cis-1,2-Dichloroethene	3.918	96	4028	0.23	ug/L	93
23) Bromochloromethane	4.268	128	1886	0.24	ug/L	79
25) Chloroform	4.371	83	7652	0.26	ug/L	90
27) 1,2-Dichloroethane	5.146	62	3268	0.21	ug/L	98
29) 1,1,1-Trichloroethane	4.606	97	6216	0.23	ug/L	97

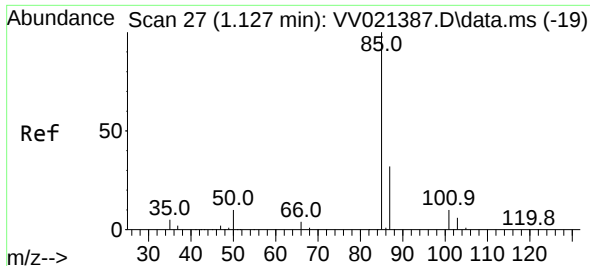
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052521\
 Data File : VW021389.D
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Quant Time: May 26 07:53:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR052521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 26 07:52:48 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) Cyclohexane	4.680	56	5984	0.22	ug/L #	86
31) Carbon tetrachloride	4.828	117	5340	0.21	ug/L	90
33) Benzene	5.104	78	13921	0.22	ug/L	100
34) Trichloroethene	5.924	95	3963	0.23	ug/L	94
35) Methylcyclohexane	6.127	83	7220	0.25	ug/L	92
37) 1,2-Dichloropropane	6.182	63	2952	0.19	ug/L #	88
38) Bromodichloromethane	6.516	83	4971	0.23	ug/L	95
39) cis-1,3-Dichloropropene	7.034	75	5769	0.23	ug/L	91
40) 4-Methyl-2-pentanone	7.239	43	22373	2.31	ug/L #	84
42) Toluene	7.394	91	19651	0.28	ug/L	99
44) trans-1,3-Dichloropropene	7.661	75	6094	0.29	ug/L	100
45) 1,1,2-Trichloroethane	7.844	97	2670	0.23	ug/L	89
47) Tetrachloroethene	7.982	164	3362	0.21	ug/L	92
48) 2-Hexanone	8.152	43	14885	2.26	ug/L #	90
49) Dibromochloromethane	8.252	129	3366	0.21	ug/L	98
50) 1,2-Dibromoethane	8.358	107	2491	0.22	ug/L #	79
51) Chlorobenzene	8.882	112	10880	0.23	ug/L	98
52) Ethylbenzene	9.017	91	17721	0.22	ug/L	94
53) m,p-xylene	9.143	106	6933	0.23	ug/L	95
54) o-xylene	9.548	106	7240	0.24	ug/L	92
55) Styrene	9.567	104	11029	0.22	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.242	83	3609	0.26	ug/L	90
59) Bromoform	9.738	173	2245	0.23	ug/L #	97
60) Isopropylbenzene	9.934	105	18230	0.23	ug/L	97
61) 1,2,3-Trichloropropane	10.278	75	2346	0.24	ug/L	96
62) 1,3,5-Trimethylbenzene	10.541	105	15517	0.23	ug/L	99
63) 1,2,4-Trimethylbenzene	10.918	105	16081	0.23	ug/L	99
64) 1,3-Dichlorobenzene	11.188	146	9261	0.23	ug/L	94
65) 1,4-Dichlorobenzene	11.275	146	9838	0.25	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	9262	0.25	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.432	75	535	0.23	ug/L #	79
69) 1,3,5-Trichlorobenzene	12.648	180	8309	0.23	ug/L	98
70) 1,2,4-trichlorobenzene	13.265	180	6763	0.23	ug/L	99
71) Naphthalene	13.509	128	9922	0.21	ug/L	99
72) 1,2,3-Trichlorobenzene	13.747	180	5913	0.22	ug/L	98

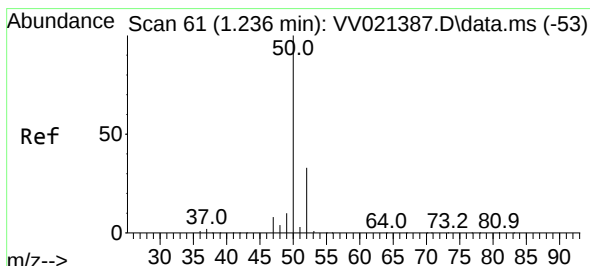
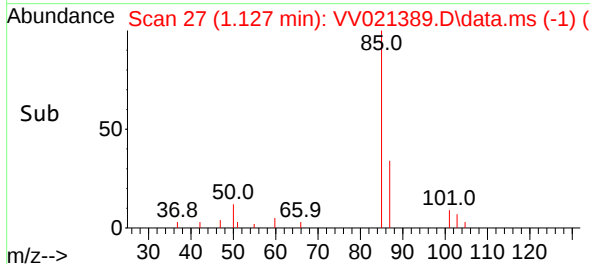
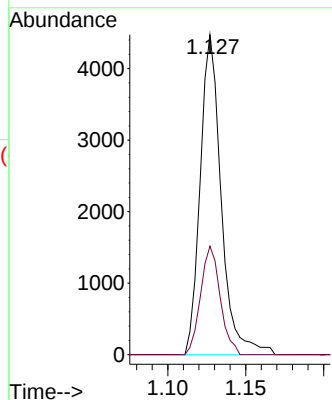
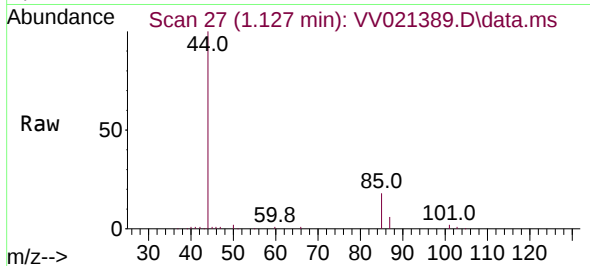
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#2
 Dichlorodifluoromethane
 Concen: 0.24 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. -0.000 min
 Lab File: VV021389.D
 Acq: 25 May 2021 15:37

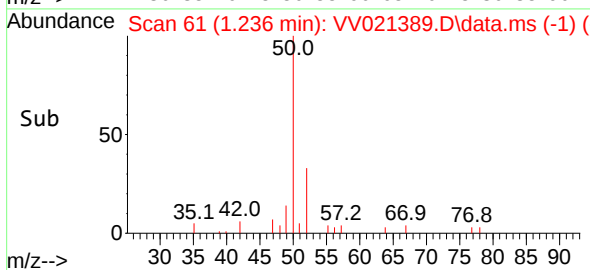
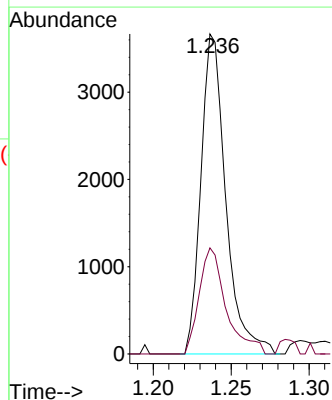
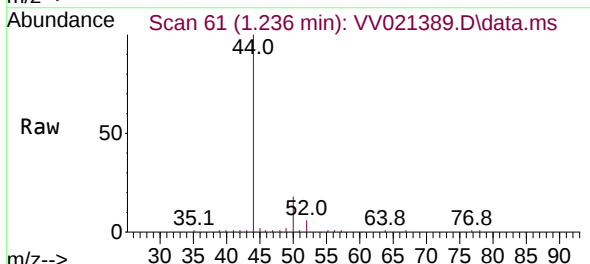
Instrument :
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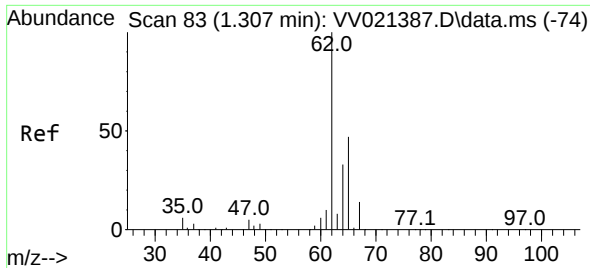
Tgt Ion: 85 Resp: 4190
 Ion Ratio Lower Upper
 85 100
 87 31.6 26.1 39.1



#3
 Chloromethane
 Concen: 0.26 ug/L
 RT: 1.236 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VV021389.D
 Acq: 25 May 2021 15:37

Tgt Ion: 50 Resp: 4063
 Ion Ratio Lower Upper
 50 100
 52 33.2 22.6 42.0

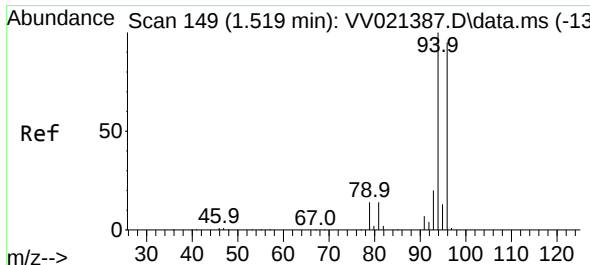
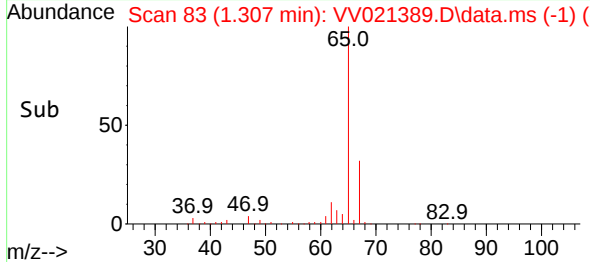
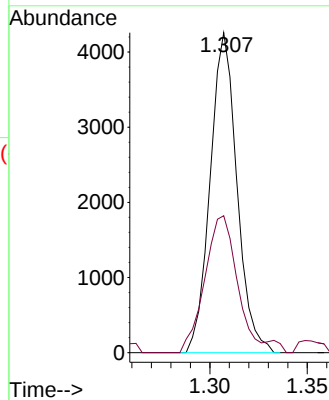
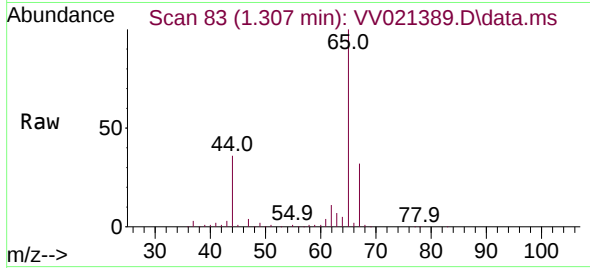




#5
 Vinyl chloride
 Concen: 0.25 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VV021389.D
 Acq: 25 May 2021 15:37

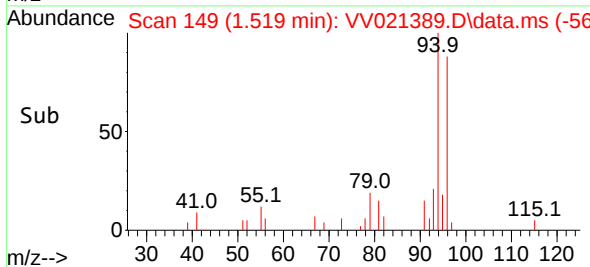
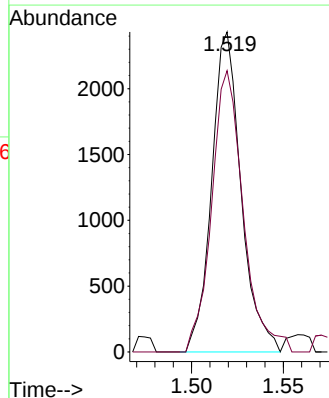
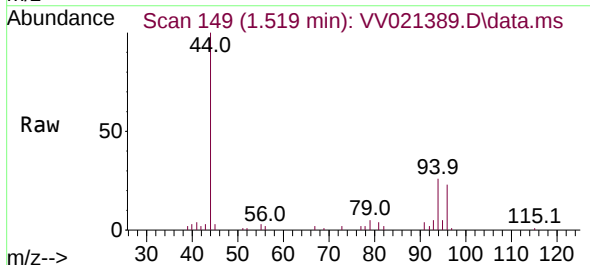
Instrument :
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 ClientSampleId :
 MDL-WATER-QT3-2021-05

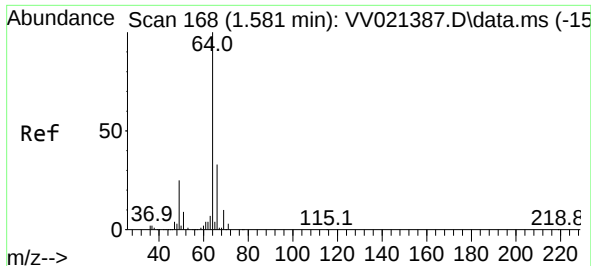
Tgt Ion: 62 Resp: 4073
 Ion Ratio Lower Upper
 62 100
 64 42.8 22.6 42.0#



#6
 Bromomethane
 Concen: 0.26 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. -0.000 min
 Lab File: VV021389.D
 Acq: 25 May 2021 15:37

Tgt Ion: 94 Resp: 2707
 Ion Ratio Lower Upper
 94 100
 96 87.9 65.9 122.3

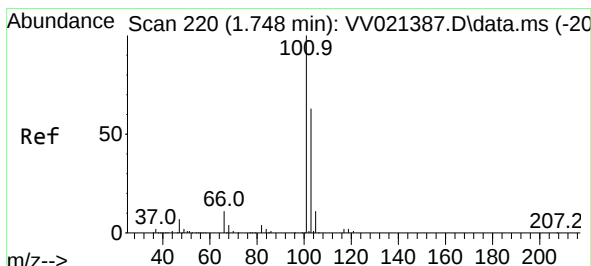
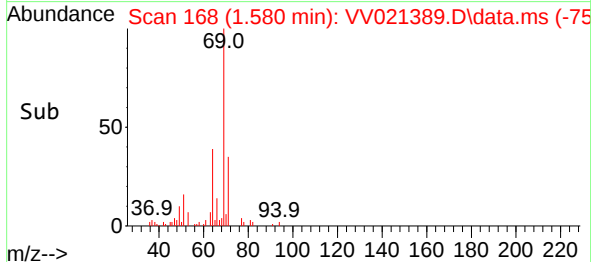
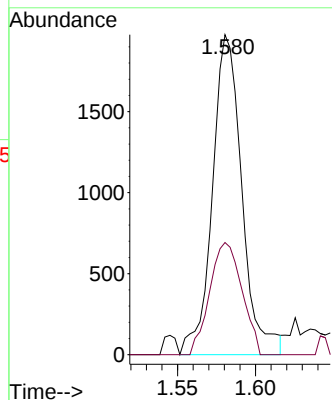
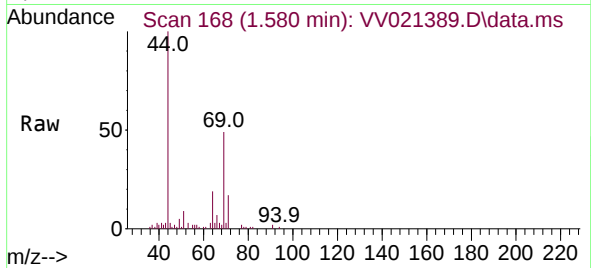




#8
Chloroethane
Concen: 0.27 ug/L
RT: 1.580 min Scan# 168
Delta R.T. -0.000 min
Lab File: VV021389.D
Acq: 25 May 2021 15:37

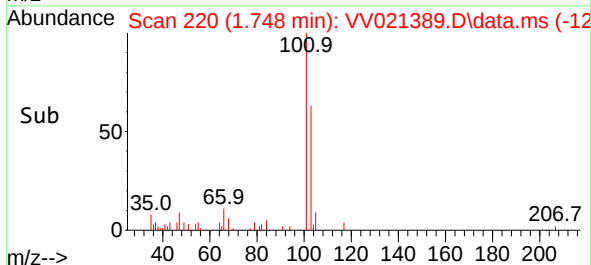
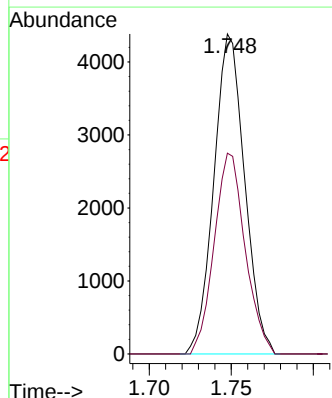
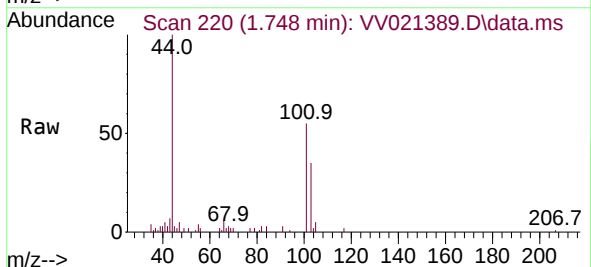
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2021-05

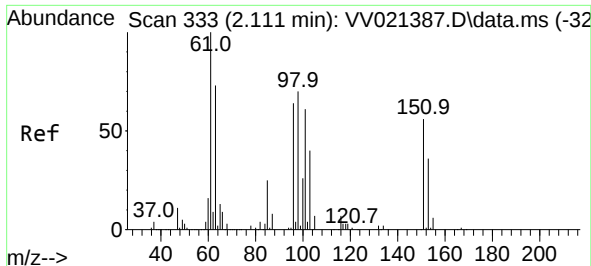
Tgt Ion: 64 Resp: 2599
Ion Ratio Lower Upper
64 100
66 35.0 22.3 41.3



#9
Trichlorofluoromethane
Concen: 0.23 ug/L
RT: 1.748 min Scan# 220
Delta R.T. -0.000 min
Lab File: VV021389.D
Acq: 25 May 2021 15:37

Tgt Ion: 101 Resp: 5706
Ion Ratio Lower Upper
101 100
103 63.1 52.0 78.0

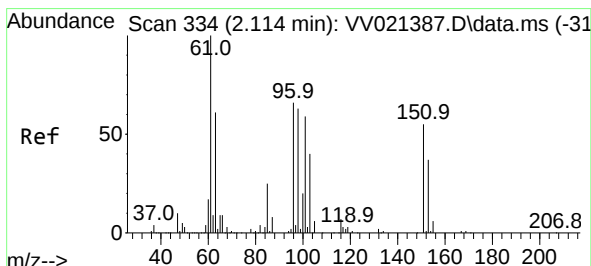
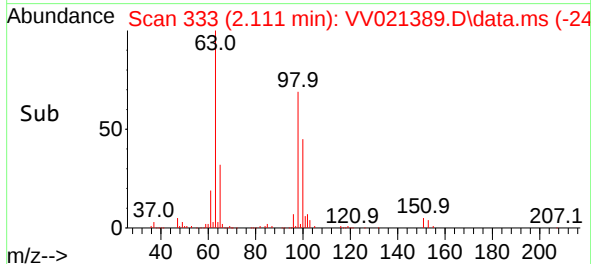
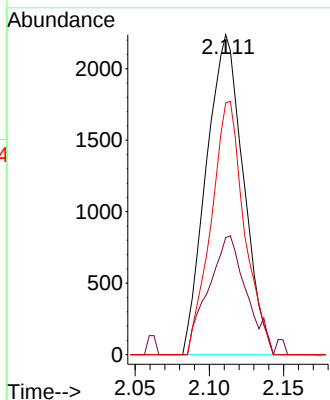
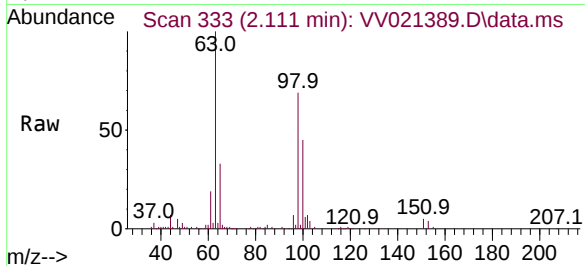




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.28 ug/L
RT: 2.111 min Scan# 333
Delta R.T. -0.000 min
Lab File: VV021389.D
Acq: 25 May 2021 15:37

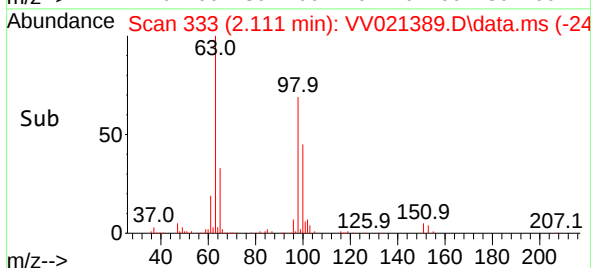
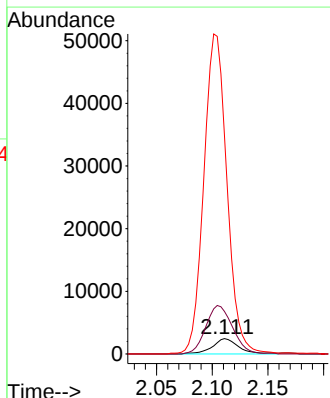
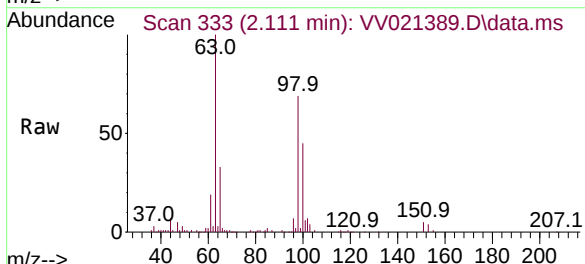
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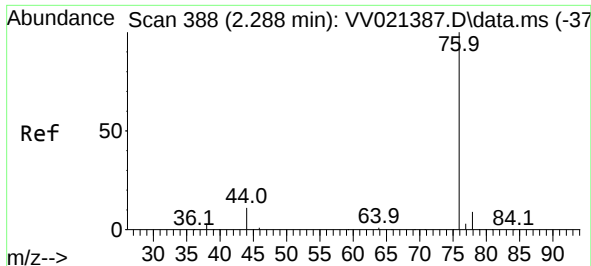
Tgt Ion:101 Resp: 3881
Ion Ratio Lower Upper
101 100
85 38.2 32.6 48.8
151 71.1 70.7 106.1



#12
1,1-Dichloroethene
Concen: 0.31 ug/L
RT: 2.111 min Scan# 333
Delta R.T. -0.003 min
Lab File: VV021389.D
Acq: 25 May 2021 15:37

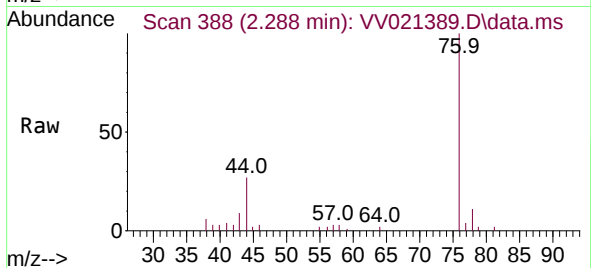
Tgt Ion: 96 Resp: 4008
Ion Ratio Lower Upper
96 100
61 277.3 103.7 192.5#
63 1425.7 62.4 115.8#



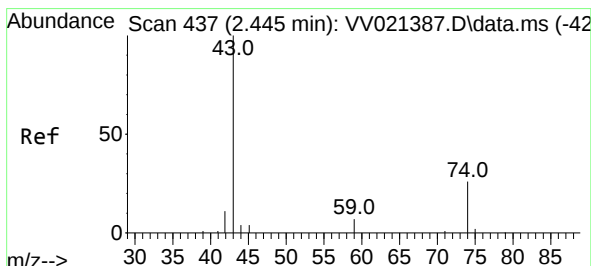
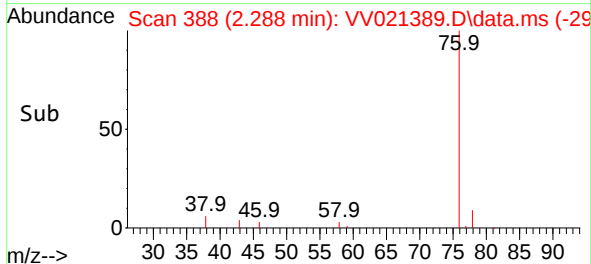
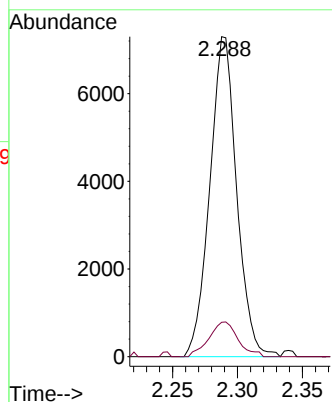


#14
Carbon disulfide
Concen: 0.24 ug/L
RT: 2.288 min Scan# 388
Delta R.T. -0.000 min
Lab File: VV021389.D
Acq: 25 May 2021 15:37

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2021-05

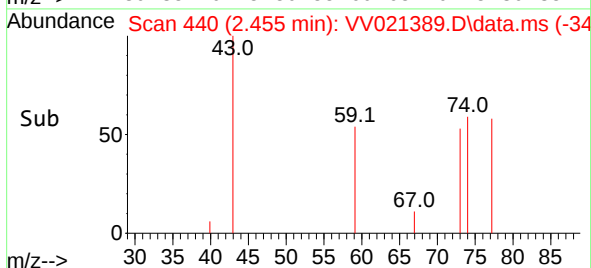
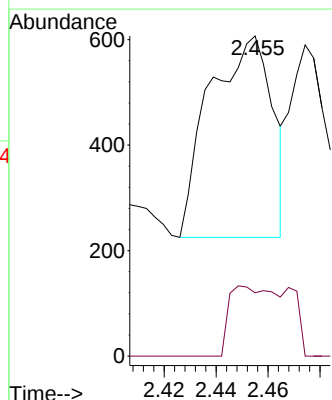
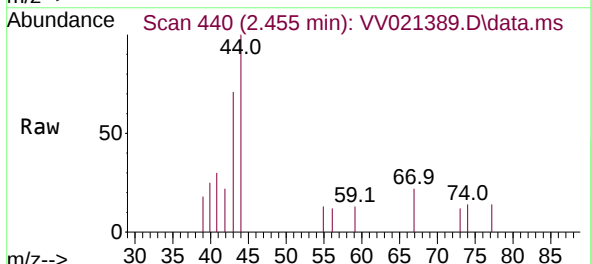


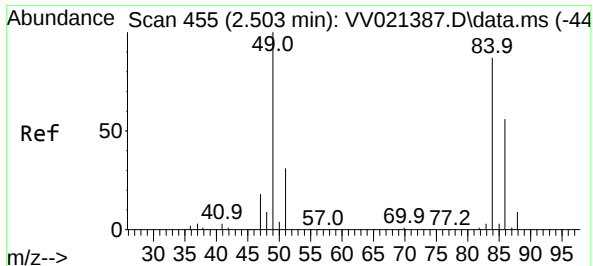
Tgt Ion: 76 Resp: 10505
Ion Ratio Lower Upper
76 100
78 10.8 7.4 11.0



#15
Methyl Acetate
Concen: 0.12 ug/L
RT: 2.455 min Scan# 440
Delta R.T. 0.010 min
Lab File: VV021389.D
Acq: 25 May 2021 15:37

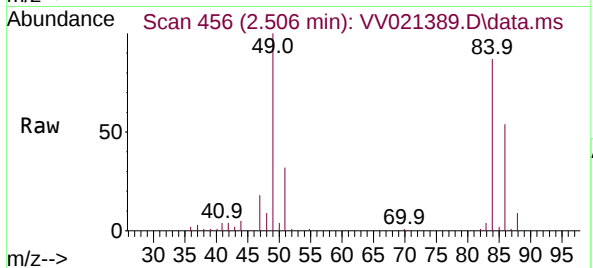
Tgt Ion: 43 Resp: 640
Ion Ratio Lower Upper
43 100
74 33.6 18.8 28.2#



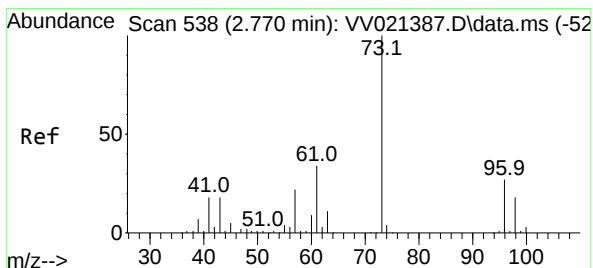
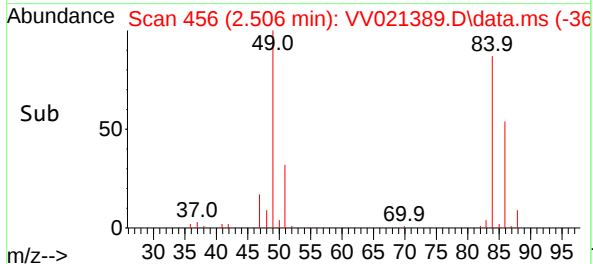
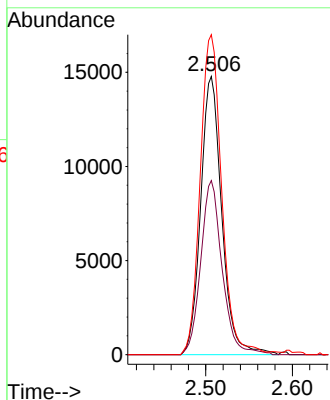


#16
Methylene chloride
Concen: 1.17 ug/L
RT: 2.506 min Scan# 456
Delta R.T. 0.003 min
Lab File: VV021389.D
Acq: 25 May 2021 15:37

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2021-05

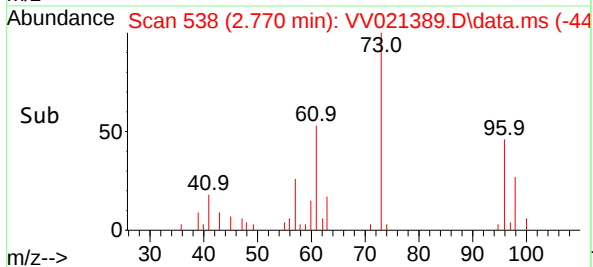
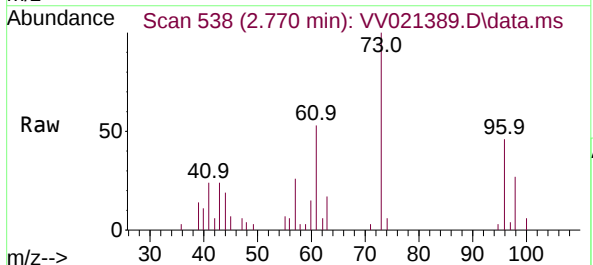
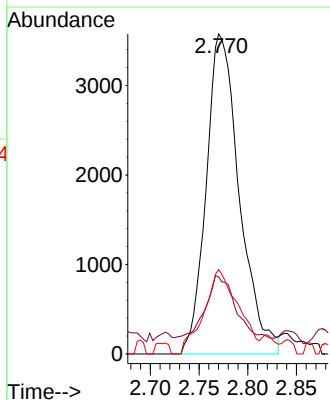


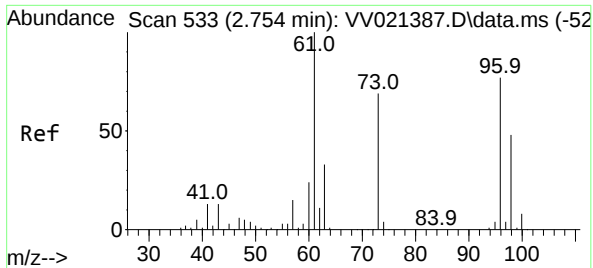
Tgt Ion:	84	Resp:	25027
Ion	Ratio	Lower	Upper
84	100		
86	62.6	44.7	82.9
49	115.0	82.7	153.5



#17
Methyl tert-butyl Ether
Concen: 0.23 ug/L
RT: 2.770 min Scan# 538
Delta R.T. -0.000 min
Lab File: VV021389.D
Acq: 25 May 2021 15:37

Tgt Ion:	73	Resp:	8481
Ion	Ratio	Lower	Upper
73	100		
43	17.8	13.4	20.2
57	27.4	17.8	26.8

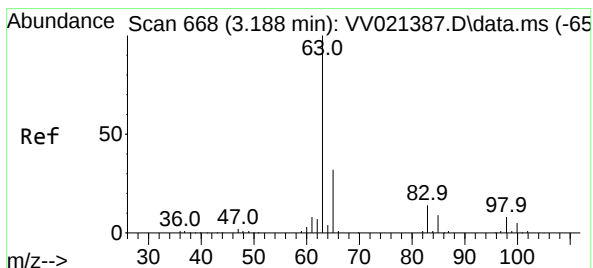
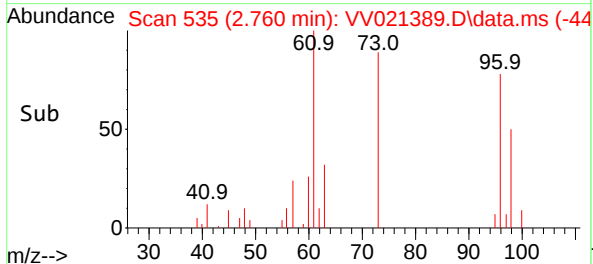
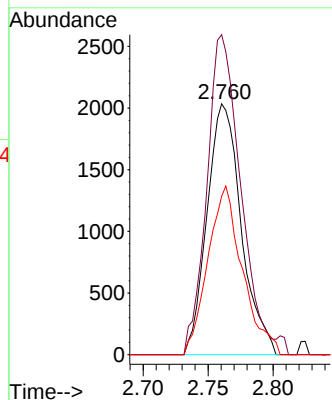
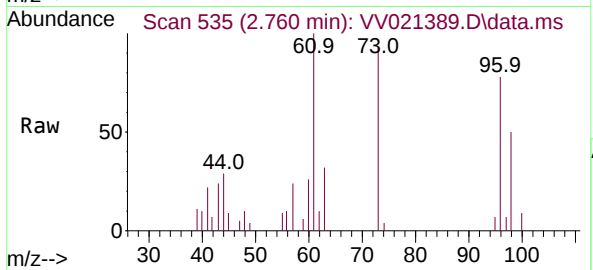




#18
trans-1,2-Dichloroethene
Concen: 0.23 ug/L
RT: 2.760 min Scan# 535
Delta R.T. 0.006 min
Lab File: VV021389.D
Acq: 25 May 2021 15:37

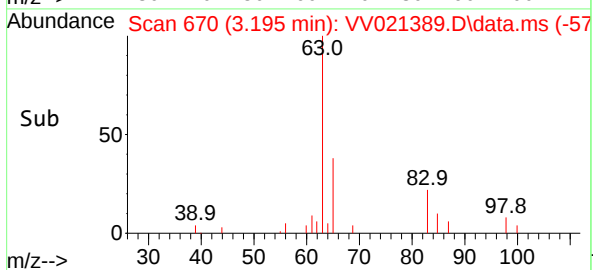
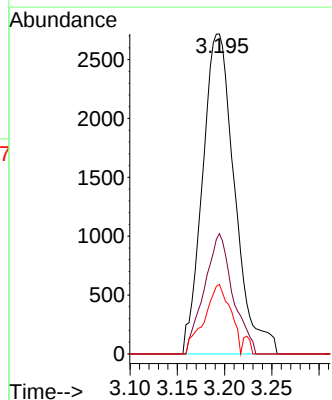
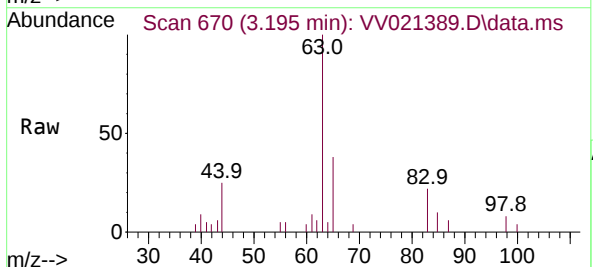
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2021-05

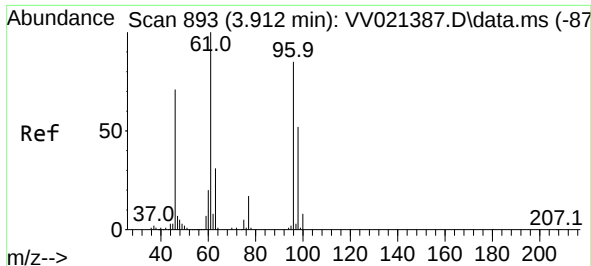
Tgt Ion: 96 Resp: 3727
Ion Ratio Lower Upper
96 100
61 127.6 88.7 164.7
98 63.2 44.4 82.4



#19
1,1-Dichloroethane
Concen: 0.22 ug/L
RT: 3.195 min Scan# 670
Delta R.T. 0.006 min
Lab File: VV021389.D
Acq: 25 May 2021 15:37

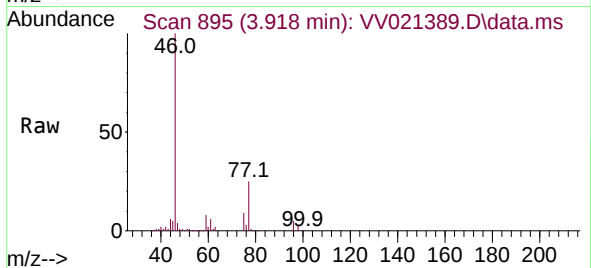
Tgt Ion: 63 Resp: 6424
Ion Ratio Lower Upper
63 100
65 37.6 23.2 43.2
83 21.7 9.4 17.4#



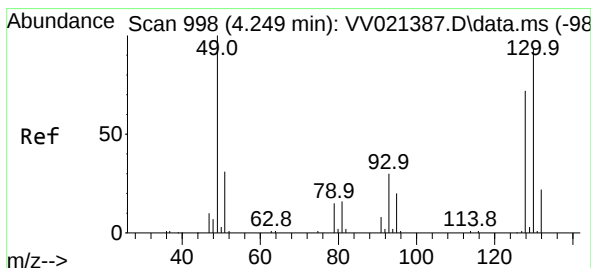
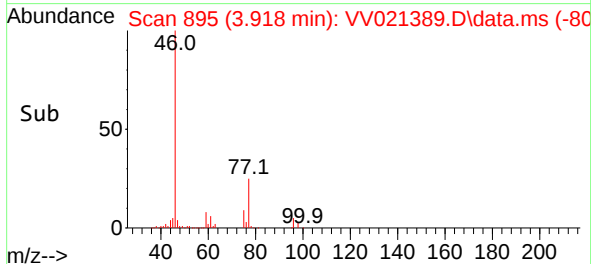
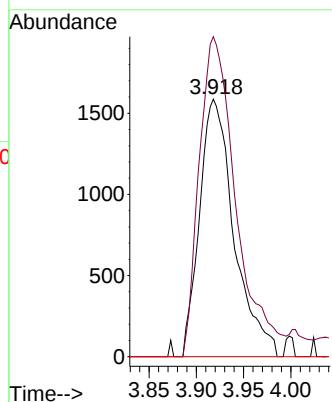


#22
cis-1,2-Dichloroethene
Concen: 0.23 ug/L
RT: 3.918 min Scan# 895
Delta R.T. 0.006 min
Lab File: VV021389.D
Acq: 25 May 2021 15:37

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2021-05

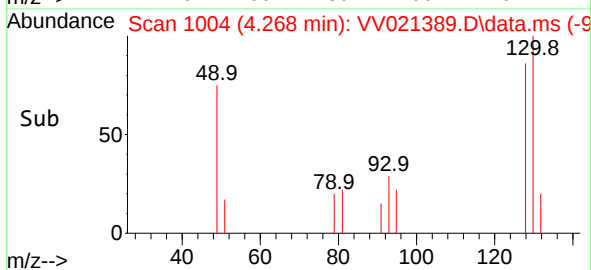
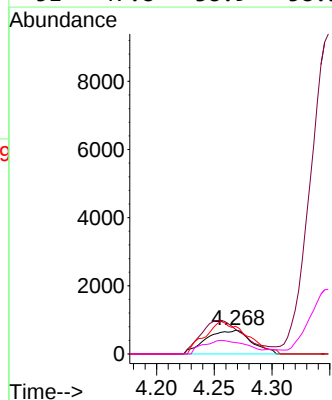
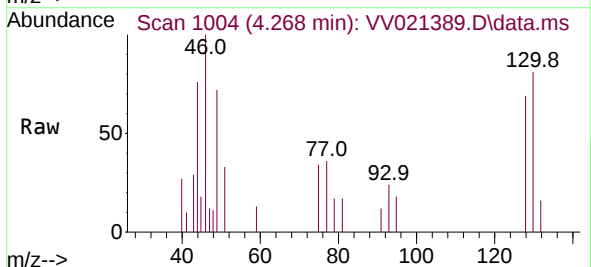


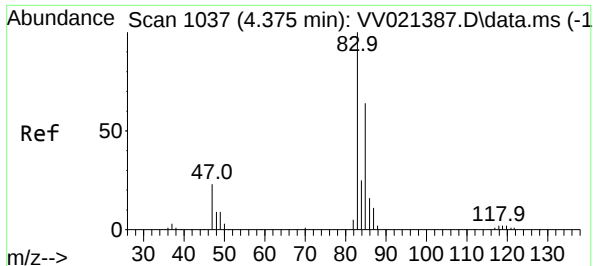
Tgt Ion: 96 Resp: 4028
Ion Ratio Lower Upper
96 100
61 124.2 81.9 152.1
68 0.0 0.0 0.0



#23
Bromochloromethane
Concen: 0.24 ug/L
RT: 4.268 min Scan# 1004
Delta R.T. 0.019 min
Lab File: VV021389.D
Acq: 25 May 2021 15:37

Tgt Ion: 128 Resp: 1886
Ion Ratio Lower Upper
128 100
49 104.0 102.3 190.1
130 116.9 94.3 175.1
51 47.8 38.9 58.3





#25

Chloroform

Concen: 0.26 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. -0.003 min

Lab File: VV021389.D

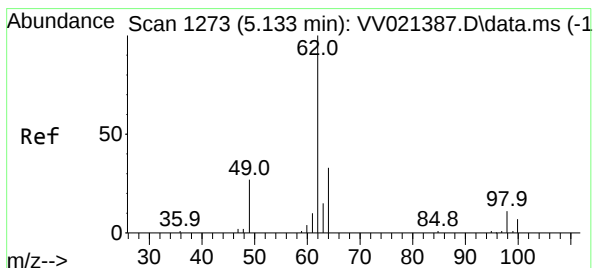
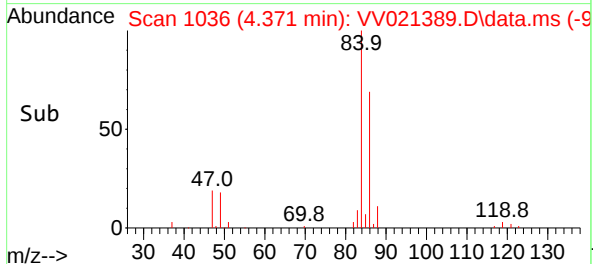
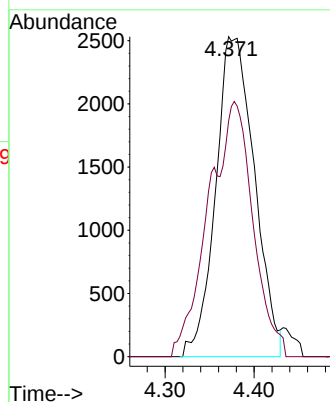
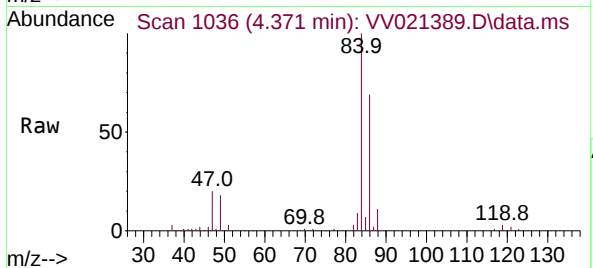
Acq: 25 May 2021 15:37

Tgt Ion: 83 Resp: 7652

Ion Ratio Lower Upper

83 100

85 73.7 45.8 85.2



#27

1,2-Dichloroethane

Concen: 0.21 ug/L

RT: 5.146 min Scan# 1277

Delta R.T. 0.013 min

Lab File: VV021389.D

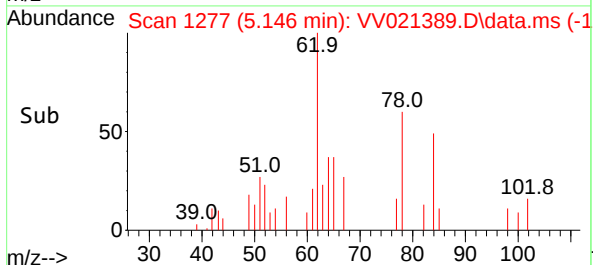
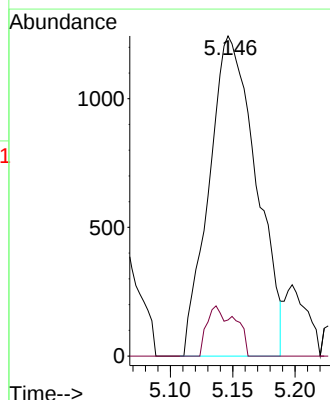
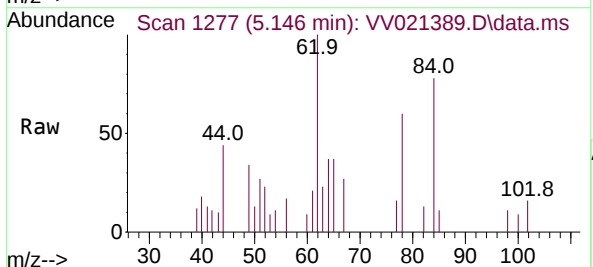
Acq: 25 May 2021 15:37

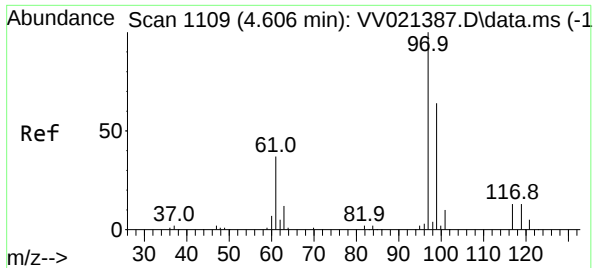
Tgt Ion: 62 Resp: 3268

Ion Ratio Lower Upper

62 100

98 11.3 8.4 12.6

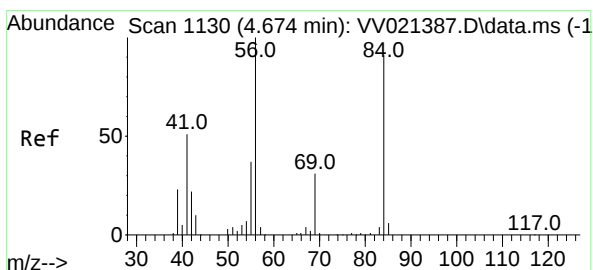
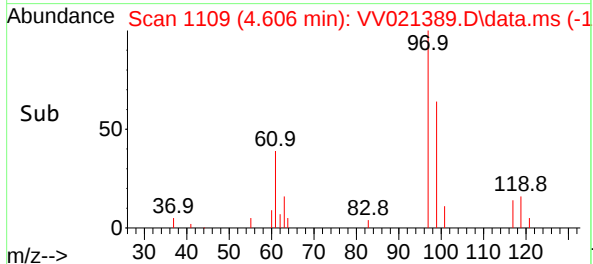
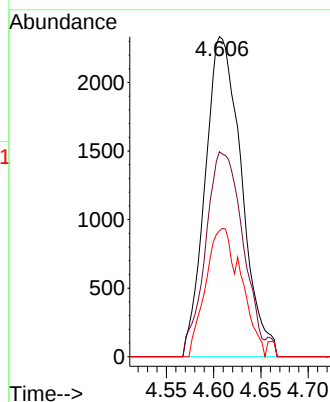
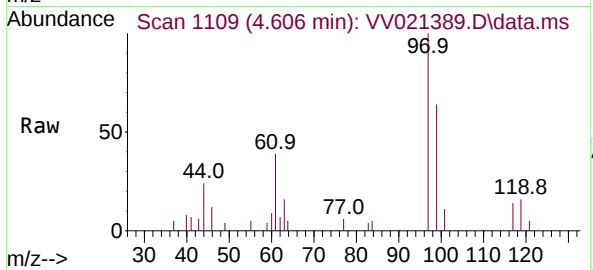




#29
1,1,1-Trichloroethane
Concen: 0.23 ug/L
RT: 4.606 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VV021389.D
Acq: 25 May 2021 15:37

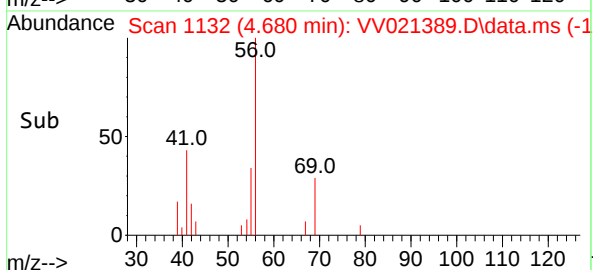
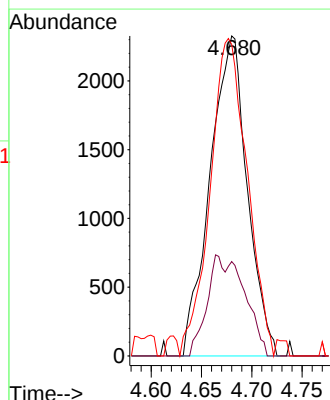
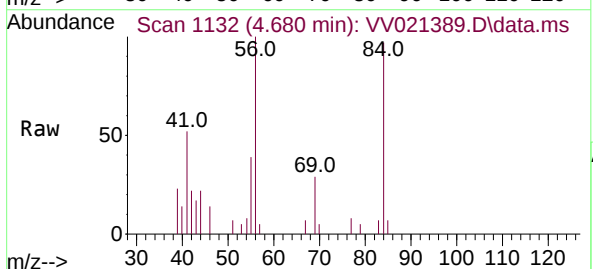
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2021-05

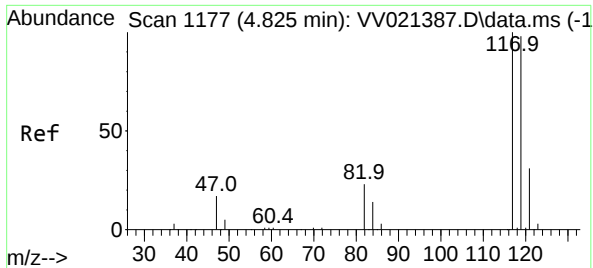
Tgt Ion:	97	Resp:	6216
Ion	Ratio	Lower	Upper
97	100		
99	65.9	50.6	75.8
61	39.4	30.4	45.6



#30
Cyclohexane
Concen: 0.22 ug/L
RT: 4.680 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VV021389.D
Acq: 25 May 2021 15:37

Tgt Ion:	56	Resp:	5984
Ion	Ratio	Lower	Upper
56	100		
69	15.3	25.2	37.8#
84	98.9	72.7	109.1

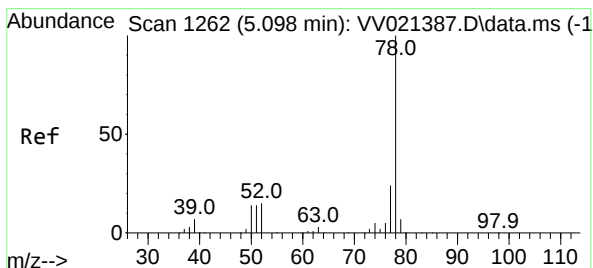
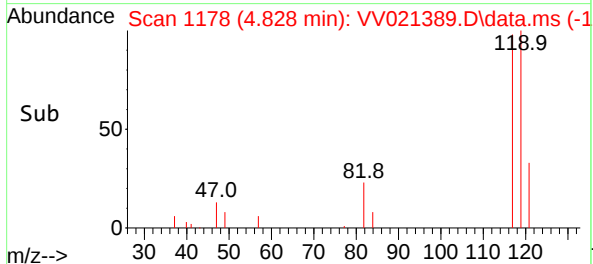
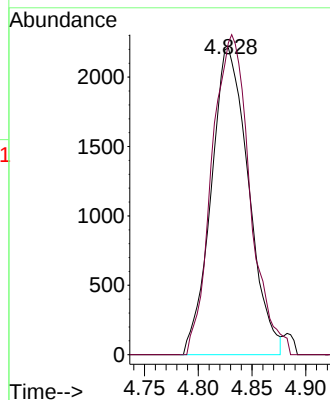
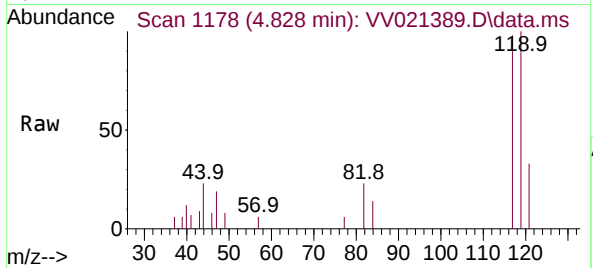




#31
Carbon tetrachloride
Concen: 0.21 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. 0.003 min
Lab File: VV021389.D
Acq: 25 May 2021 15:37

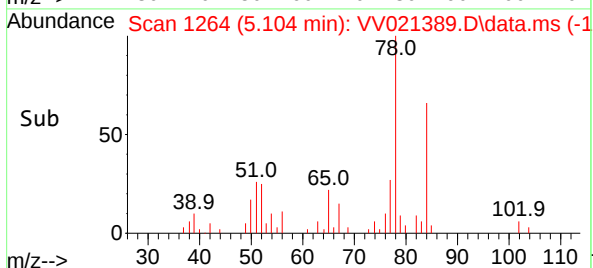
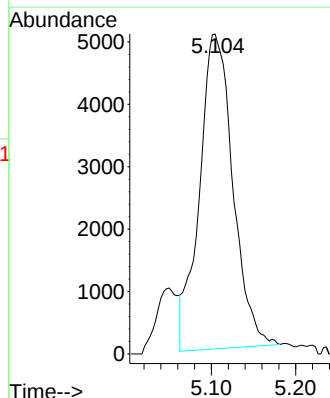
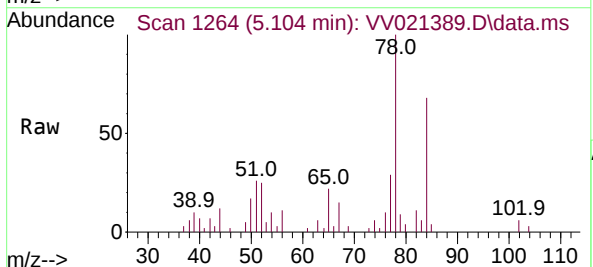
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2021-05

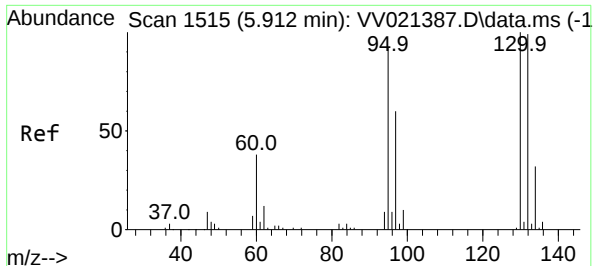
Tgt Ion:117 Resp: 5340
Ion Ratio Lower Upper
117 100
119 106.4 77.0 115.6



#33
Benzene
Concen: 0.22 ug/L
RT: 5.104 min Scan# 1264
Delta R.T. 0.006 min
Lab File: VV021389.D
Acq: 25 May 2021 15:37

Tgt Ion: 78 Resp: 13921





#34

Trichloroethene

Concen: 0.23 ug/L

RT: 5.924 min Scan# 1519

Delta R.T. 0.013 min

Lab File: VV021389.D

Acq: 25 May 2021 15:37

Tgt Ion: 95 Resp: 3963

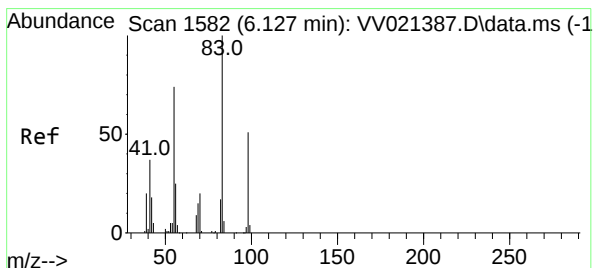
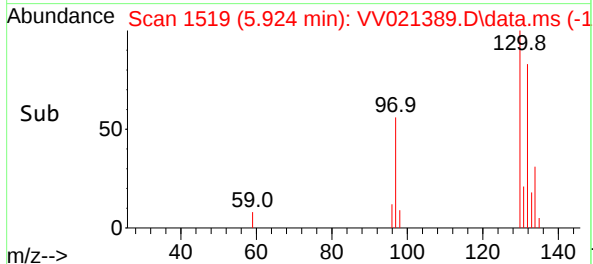
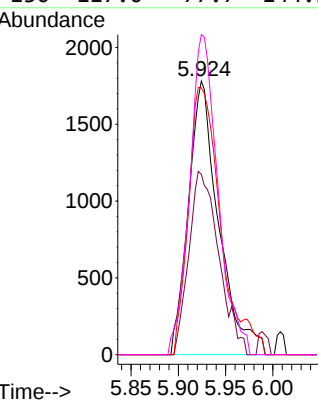
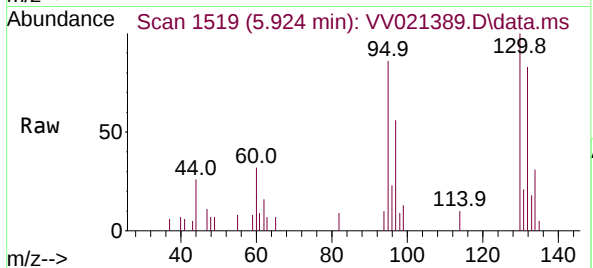
Ion Ratio Lower Upper

95 100

97 65.9 45.4 84.4

132 97.5 74.5 138.3

130 117.0 77.7 144.3



#35

Methylcyclohexane

Concen: 0.25 ug/L

RT: 6.127 min Scan# 1582

Delta R.T. -0.000 min

Lab File: VV021389.D

Acq: 25 May 2021 15:37

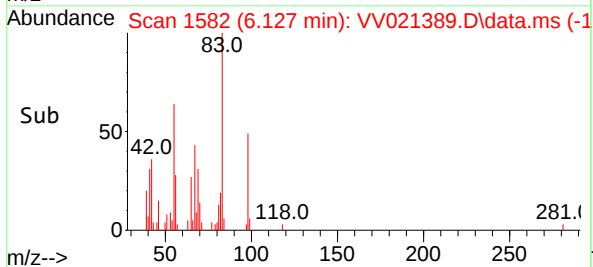
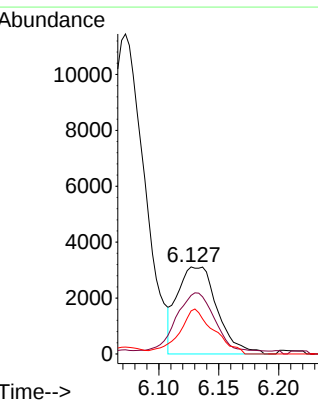
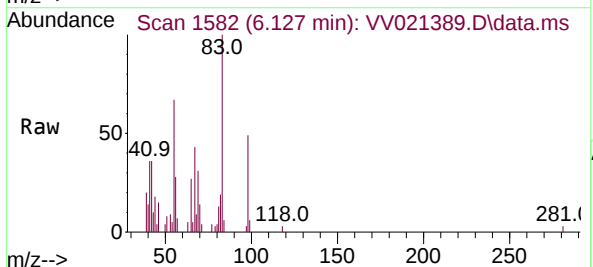
Tgt Ion: 83 Resp: 7220

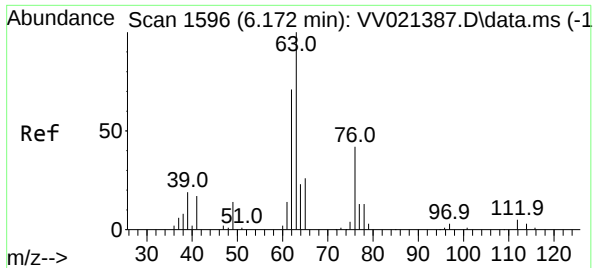
Ion Ratio Lower Upper

83 100

55 65.8 57.7 86.5

98 44.7 40.6 61.0

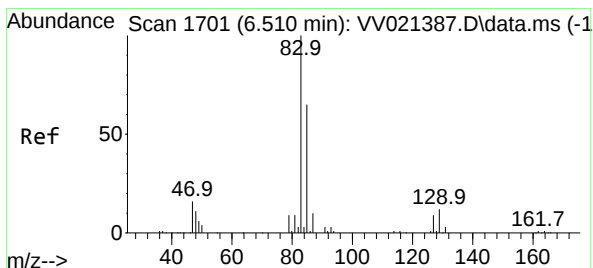
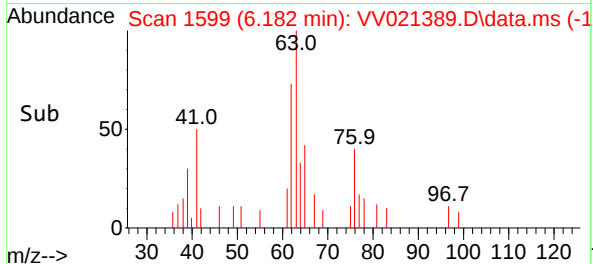
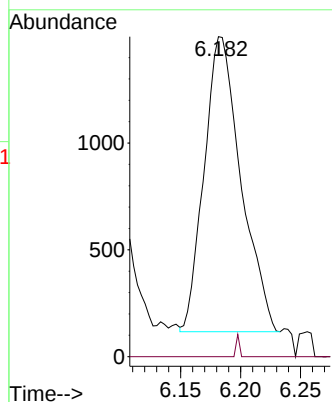
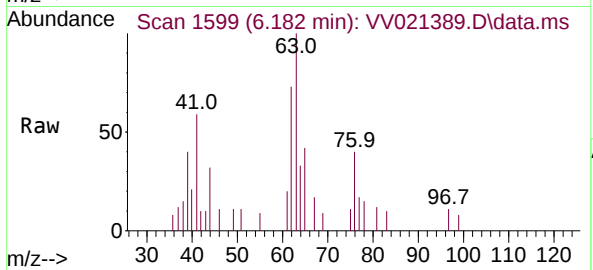




#37
1,2-Dichloropropane
Concen: 0.19 ug/L
RT: 6.182 min Scan# 1599
Delta R.T. 0.010 min
Lab File: VV021389.D
Acq: 25 May 2021 15:37

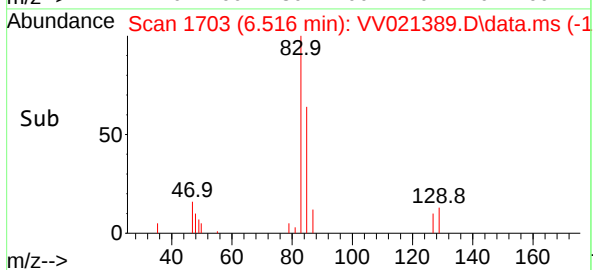
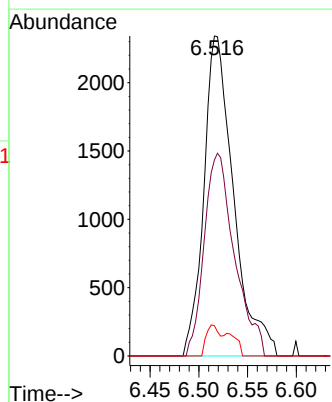
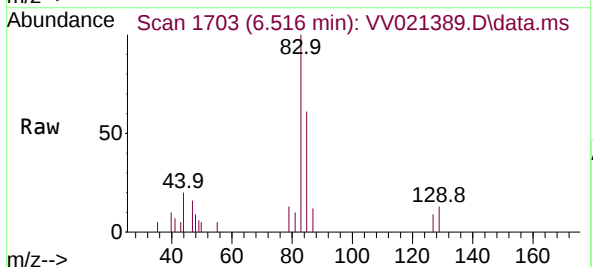
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2021-05

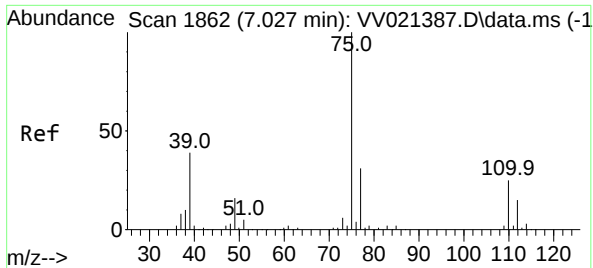
Tgt Ion: 63 Resp: 2952
Ion Ratio Lower Upper
63 100
112 0.7 3.8 5.8#



#38
Bromodichloromethane
Concen: 0.23 ug/L
RT: 6.516 min Scan# 1703
Delta R.T. 0.006 min
Lab File: VV021389.D
Acq: 25 May 2021 15:37

Tgt Ion: 83 Resp: 4971
Ion Ratio Lower Upper
83 100
85 61.3 46.2 85.8
127 9.5 7.3 10.9



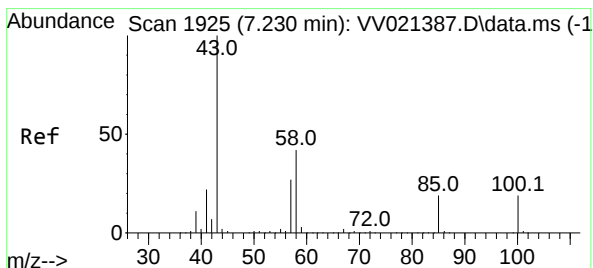
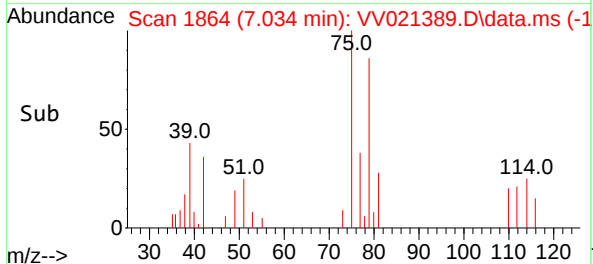
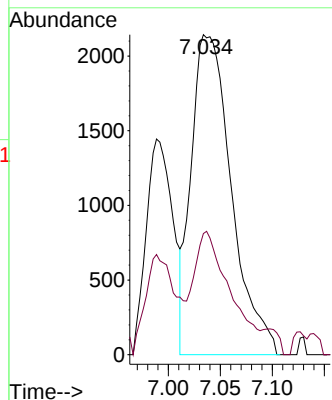
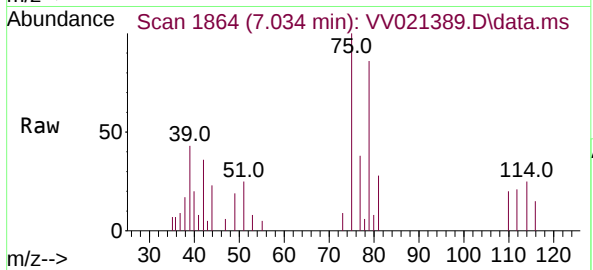


#39

cis-1,3-Dichloropropene
 Concen: 0.23 ug/L
 RT: 7.034 min Scan# 1864
 Delta R.T. 0.006 min
 Lab File: VV021389.D
 Acq: 25 May 2021 15:37

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT3-2021-05

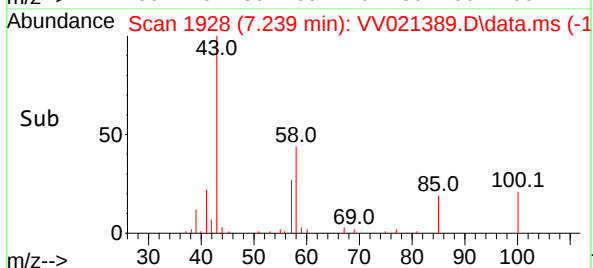
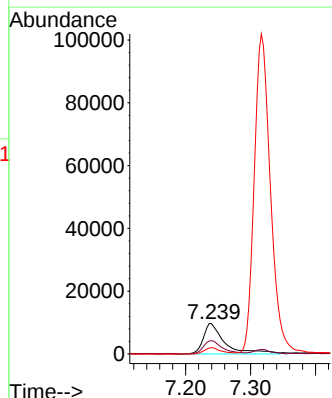
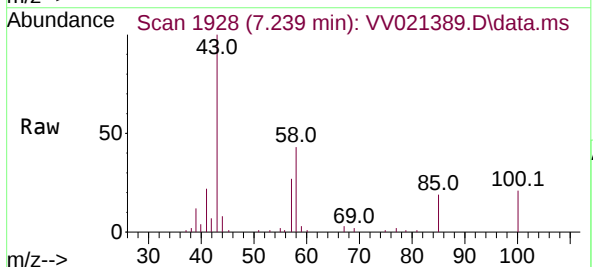
Tgt Ion: 75 Resp: 5769
 Ion Ratio Lower Upper
 75 100
 77 37.8 22.8 42.4

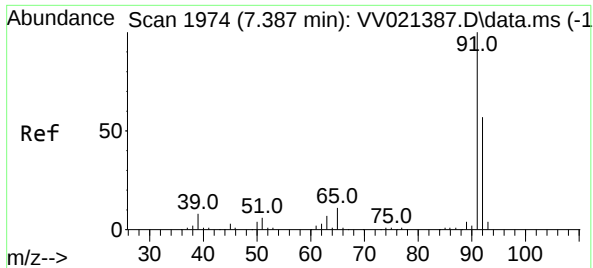


#40

4-Methyl-2-pentanone
 Concen: 2.31 ug/L
 RT: 7.239 min Scan# 1928
 Delta R.T. 0.010 min
 Lab File: VV021389.D
 Acq: 25 May 2021 15:37

Tgt Ion: 43 Resp: 22373
 Ion Ratio Lower Upper
 43 100
 58 38.7 33.9 50.9
 100 0.0 14.2 21.4#

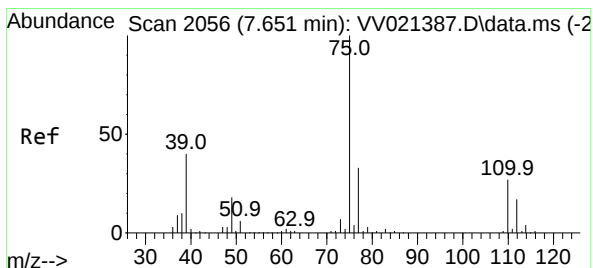
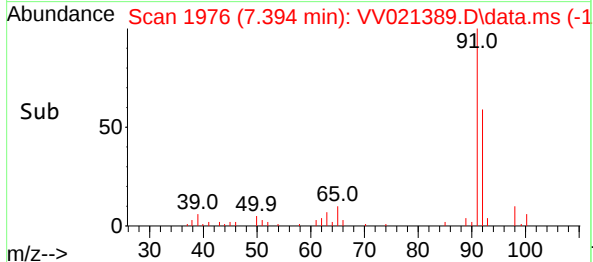
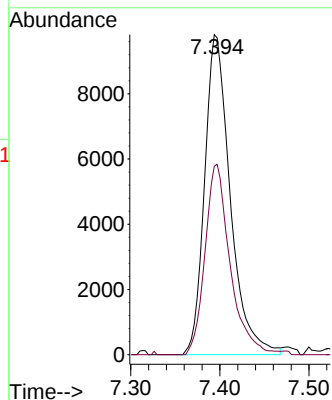
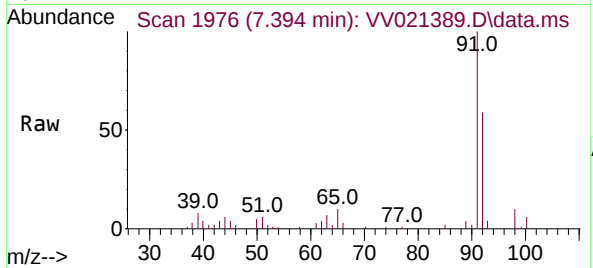




#42
Toluene
Concen: 0.28 ug/L
RT: 7.394 min Scan# 1976
Delta R.T. 0.006 min
Lab File: VV021389.D
Acq: 25 May 2021 15:37

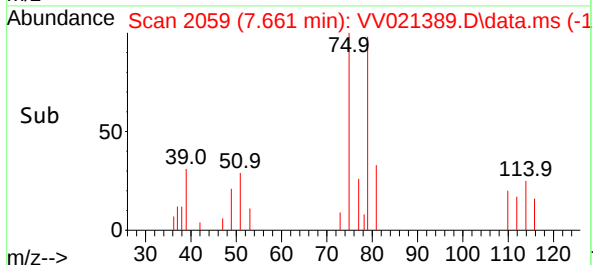
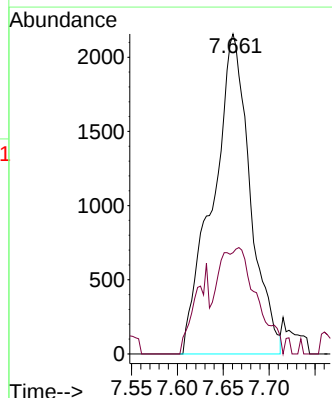
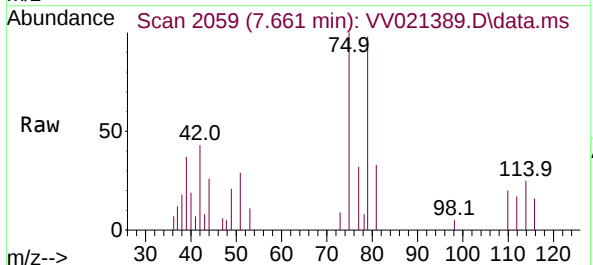
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2021-05

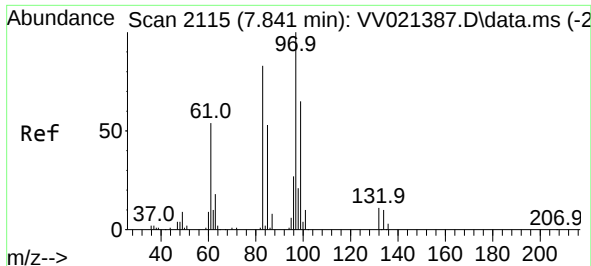
Tgt Ion: 91 Resp: 19651
Ion Ratio Lower Upper
91 100
92 58.9 40.9 76.0



#44
trans-1,3-Dichloropropene
Concen: 0.29 ug/L
RT: 7.661 min Scan# 2059
Delta R.T. 0.010 min
Lab File: VV021389.D
Acq: 25 May 2021 15:37

Tgt Ion: 75 Resp: 6094
Ion Ratio Lower Upper
75 100
77 31.7 22.2 41.2





#45

1,1,2-Trichloroethane

Concen: 0.23 ug/L

RT: 7.844 min Scan# 2116

Delta R.T. 0.003 min

Lab File: VV021389.D

Acq: 25 May 2021 15:37

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT3-2021-05

Tgt Ion: 97 Resp: 2670

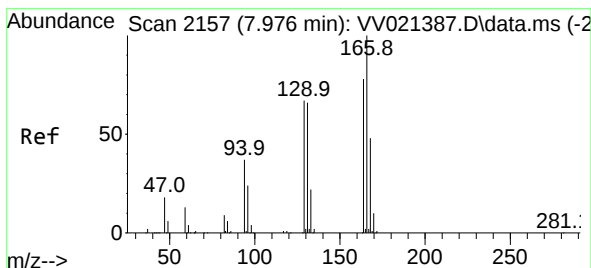
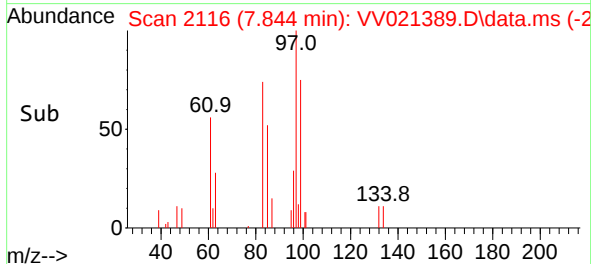
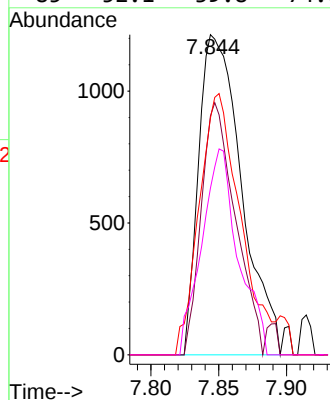
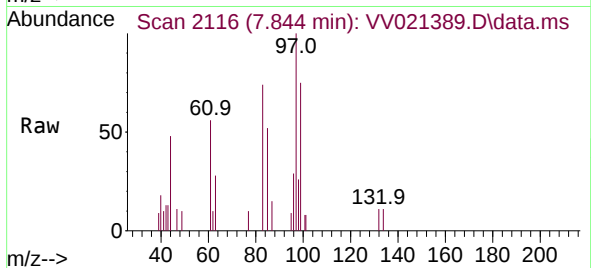
Ion Ratio Lower Upper

97 100

99 74.6 44.0 81.8

83 74.0 59.0 109.6

85 52.1 39.8 74.0



#47

Tetrachloroethene

Concen: 0.21 ug/L

RT: 7.982 min Scan# 2159

Delta R.T. 0.006 min

Lab File: VV021389.D

Acq: 25 May 2021 15:37

Tgt Ion: 164 Resp: 3362

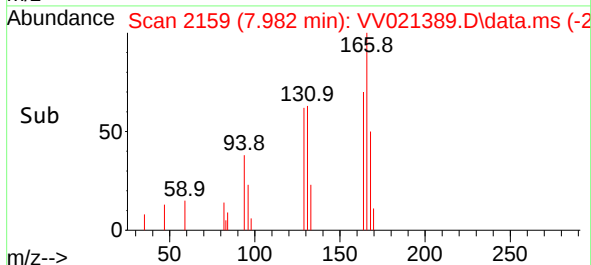
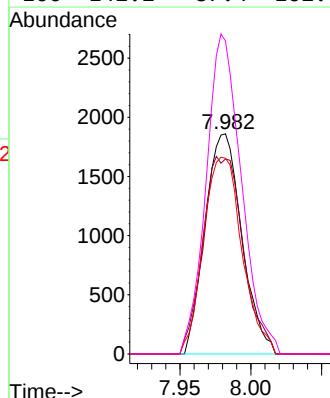
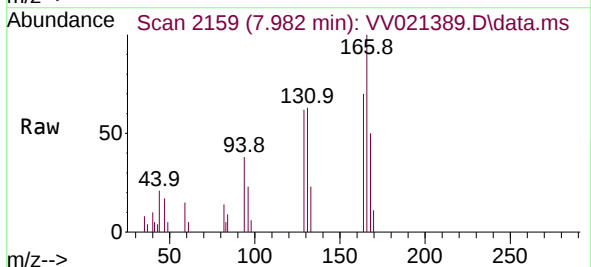
Ion Ratio Lower Upper

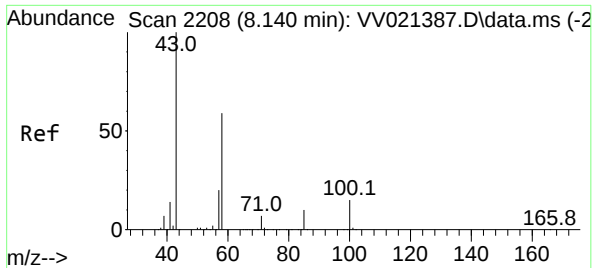
164 100

129 88.6 61.8 114.8

131 88.9 57.8 107.4

166 142.2 87.4 162.4





#48

2-Hexanone

Concen: 2.26 ug/L

RT: 8.152 min Scan# 2212

Delta R.T. 0.013 min

Lab File: VV021389.D

Acq: 25 May 2021 15:37

Tgt Ion: 43 Resp: 14885

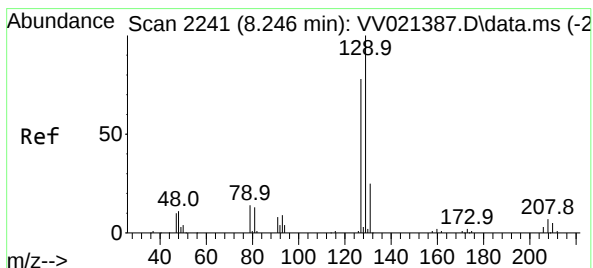
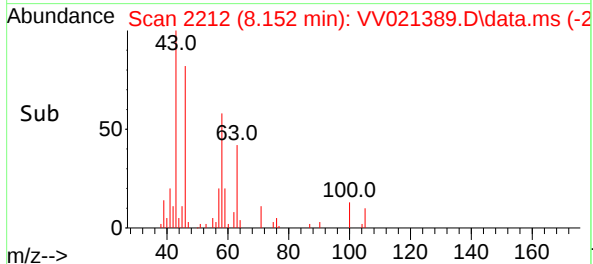
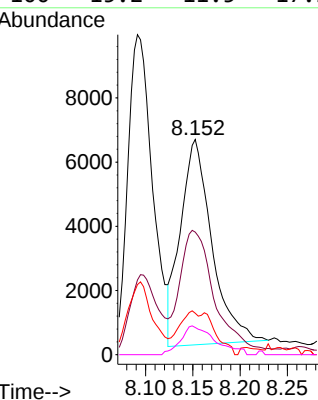
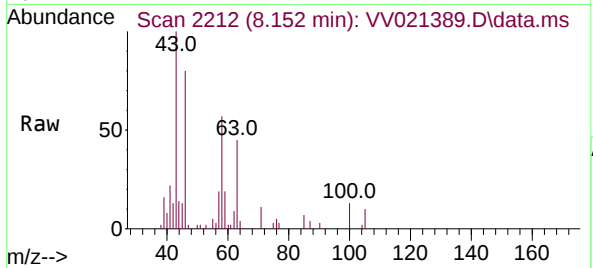
Ion Ratio Lower Upper

43 100

58 63.2 47.0 70.4

57 6.8 15.4 23.2#

100 15.2 11.5 17.3



#49

Dibromochloromethane

Concen: 0.21 ug/L

RT: 8.252 min Scan# 2243

Delta R.T. 0.006 min

Lab File: VV021389.D

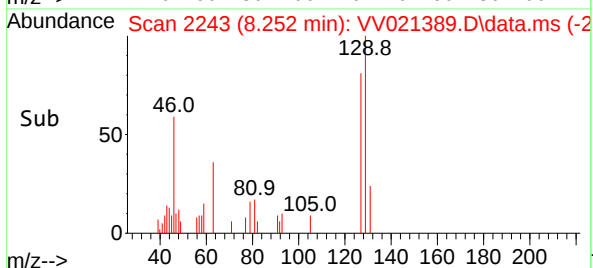
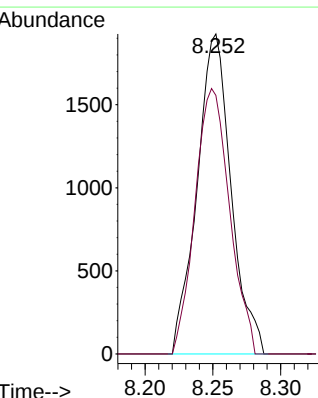
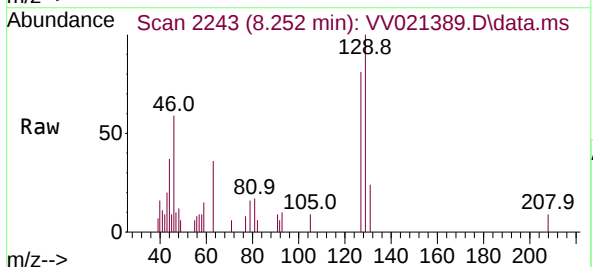
Acq: 25 May 2021 15:37

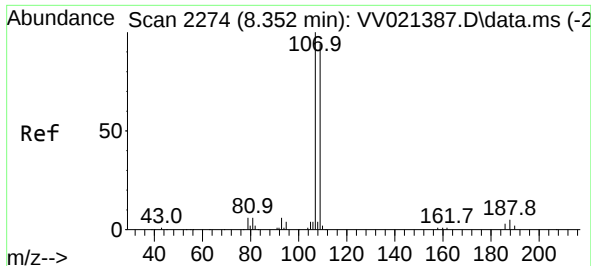
Tgt Ion: 129 Resp: 3366

Ion Ratio Lower Upper

129 100

127 80.8 55.4 103.0





#50

1,2-Dibromoethane

Concen: 0.22 ug/L

RT: 8.358 min Scan# 2276

Delta R.T. 0.006 min

Lab File: VV021389.D

Acq: 25 May 2021 15:37

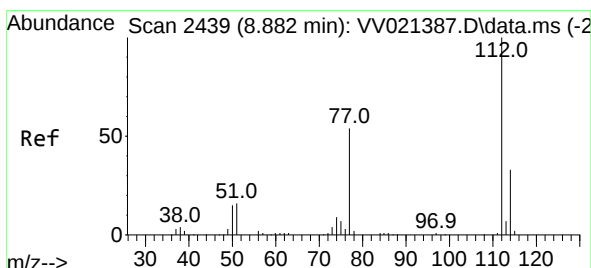
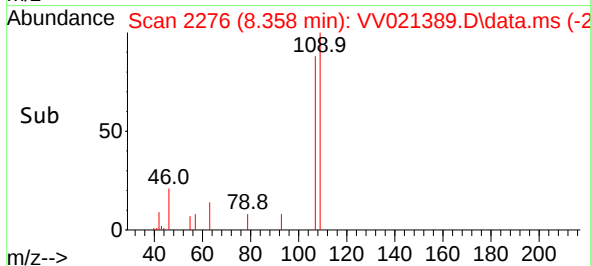
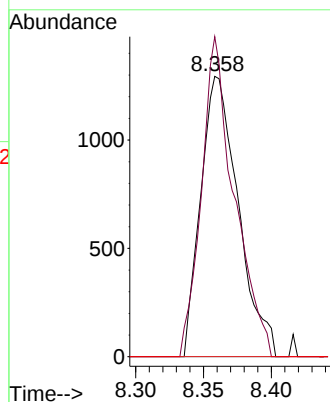
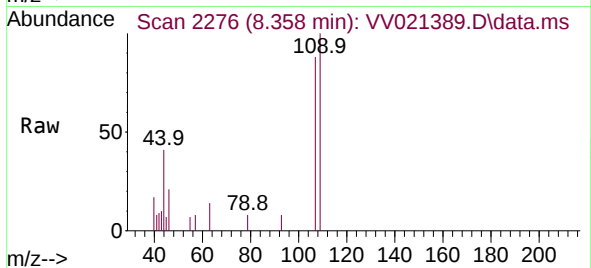
Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT3-2021-05

Tgt Ion:	107	Resp:	2491
Ion	Ratio	Lower	Upper
107	100		
109	114.1	65.3	121.3
188	0.0	3.8	5.6#



#51

Chlorobenzene

Concen: 0.23 ug/L

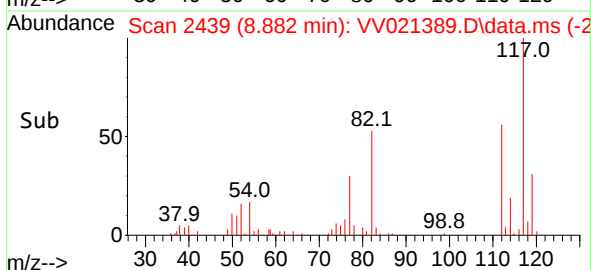
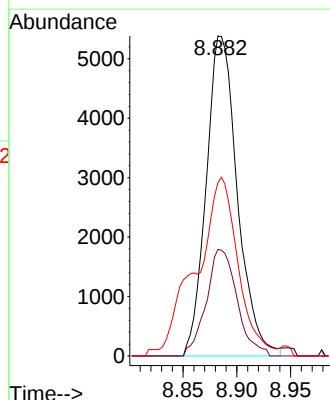
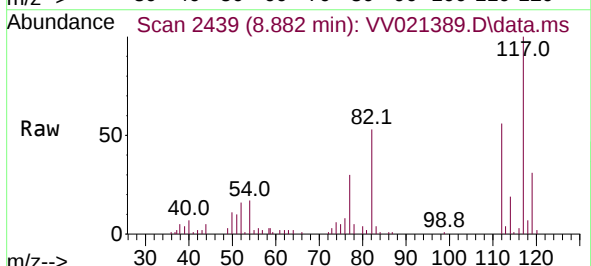
RT: 8.882 min Scan# 2439

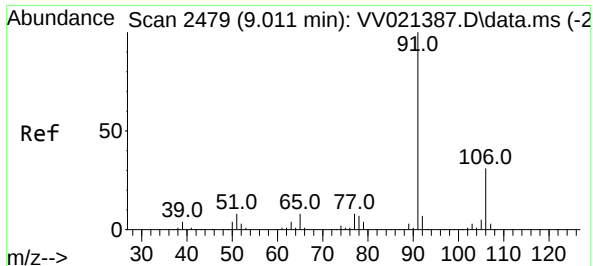
Delta R.T. -0.000 min

Lab File: VV021389.D

Acq: 25 May 2021 15:37

Tgt Ion:	112	Resp:	10880
Ion	Ratio	Lower	Upper
112	100		
114	33.3	22.5	41.9
77	54.2	44.5	66.7

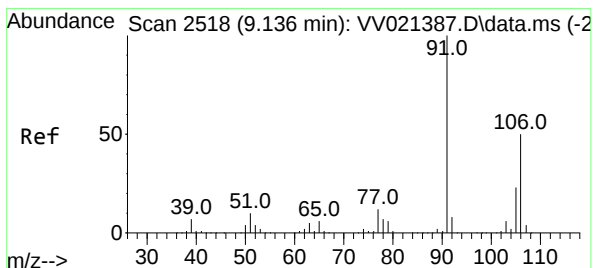
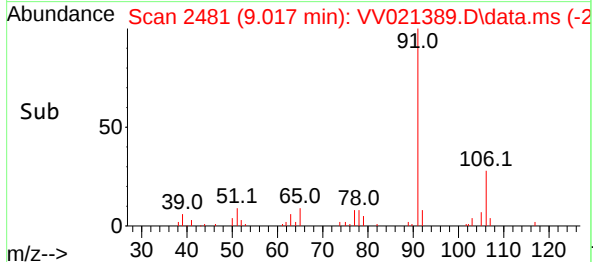
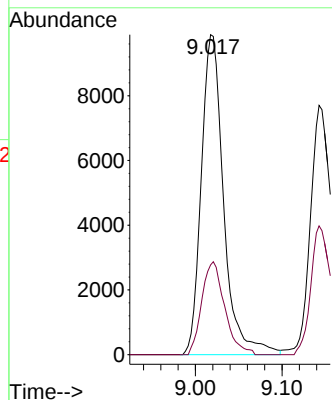
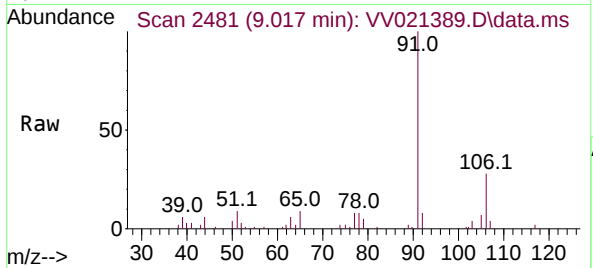




#52
Ethylbenzene
Concen: 0.22 ug/L
RT: 9.017 min Scan# 2481
Delta R.T. 0.006 min
Lab File: VV021389.D
Acq: 25 May 2021 15:37

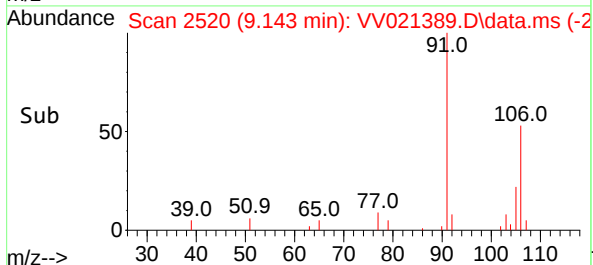
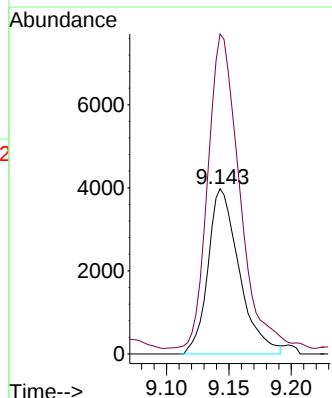
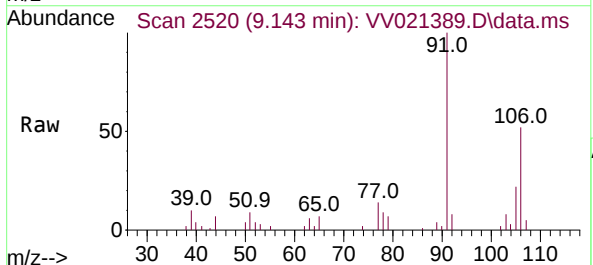
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2021-05

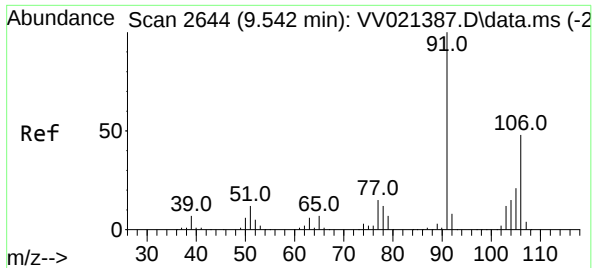
Tgt Ion: 91 Resp: 17721
Ion Ratio Lower Upper
91 100
106 28.0 22.0 41.0



#53
m,p-xylene
Concen: 0.23 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.006 min
Lab File: VV021389.D
Acq: 25 May 2021 15:37

Tgt Ion: 106 Resp: 6933
Ion Ratio Lower Upper
106 100
91 193.5 140.8 261.4

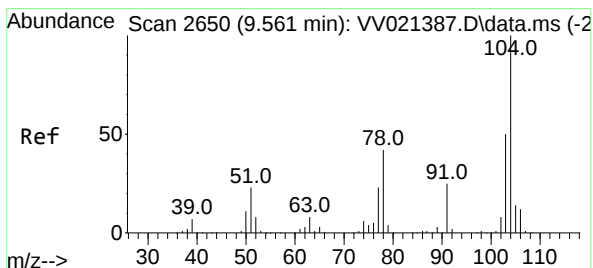
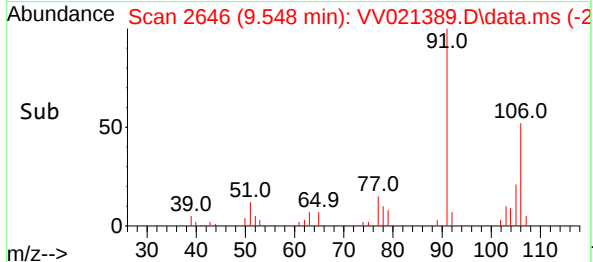
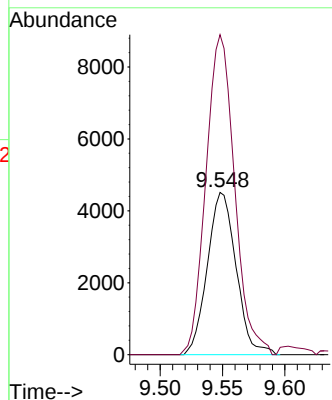
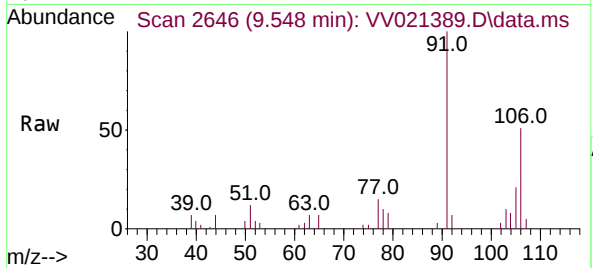




#54
o-xylene
Concen: 0.24 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.006 min
Lab File: VV021389.D
Acq: 25 May 2021 15:37

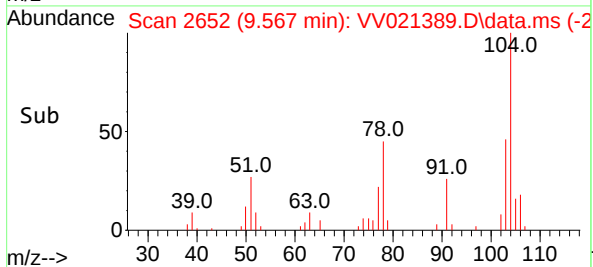
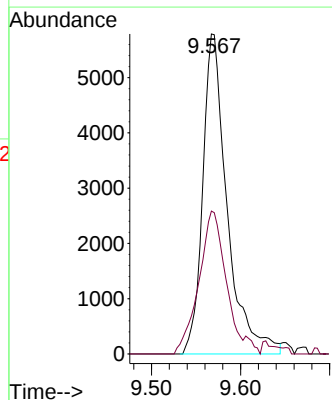
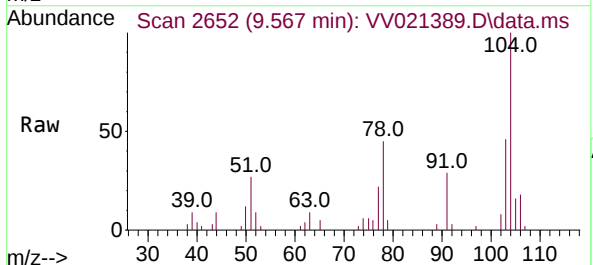
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2021-05

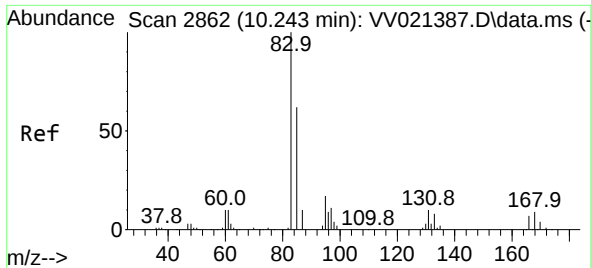
Tgt Ion:106 Resp: 7240
Ion Ratio Lower Upper
106 100
91 197.1 146.7 272.4



#55
Styrene
Concen: 0.22 ug/L
RT: 9.567 min Scan# 2652
Delta R.T. 0.006 min
Lab File: VV021389.D
Acq: 25 May 2021 15:37

Tgt Ion:104 Resp: 11029
Ion Ratio Lower Upper
104 100
78 44.6 29.7 55.1

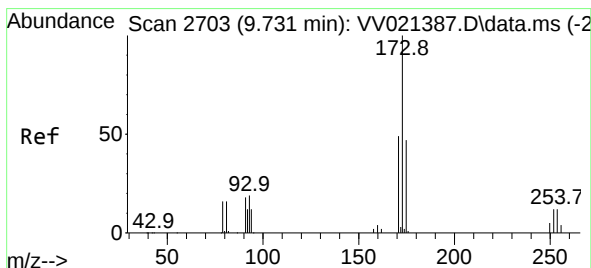
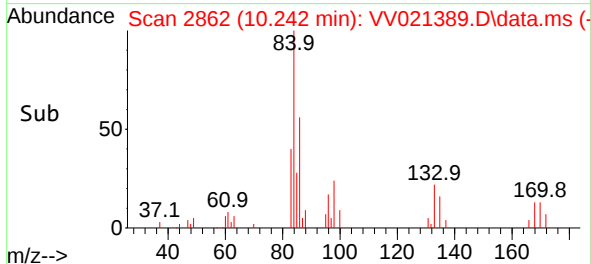
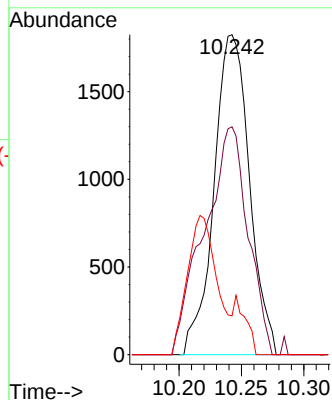
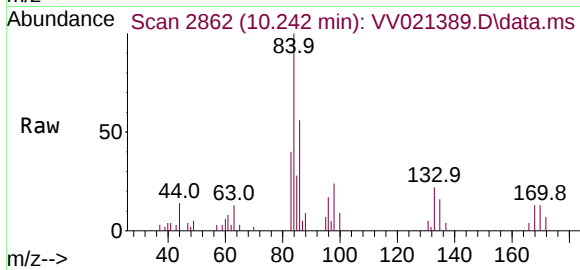




#57
1,1,2,2-Tetrachloroethane
Concen: 0.26 ug/L
RT: 10.242 min Scan# 2862
Delta R.T. -0.000 min
Lab File: VV021389.D
Acq: 25 May 2021 15:37

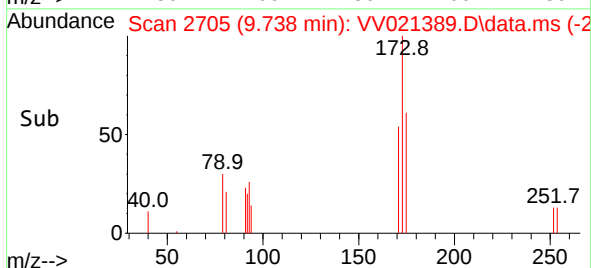
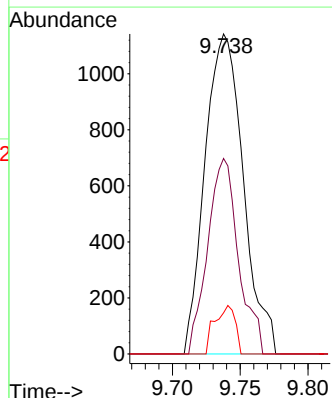
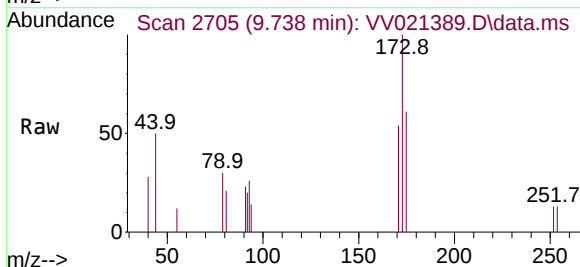
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2021-05

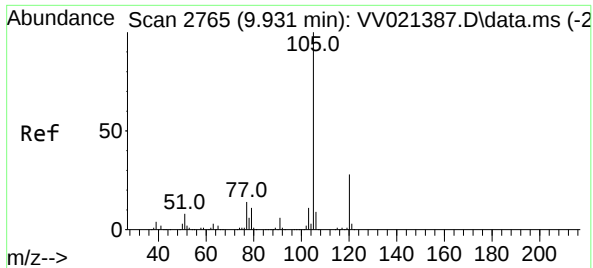
Tgt Ion:	83	Resp:	3609
Ion	Ratio	Lower	Upper
83	100		
85	71.2	43.3	80.3
131	12.2	9.4	14.0



#59
Bromoform
Concen: 0.23 ug/L
RT: 9.738 min Scan# 2705
Delta R.T. 0.006 min
Lab File: VV021389.D
Acq: 25 May 2021 15:37

Tgt Ion:	173	Resp:	2245
Ion	Ratio	Lower	Upper
173	100		
175	49.1	40.2	60.4
254	8.1	9.8	14.8#

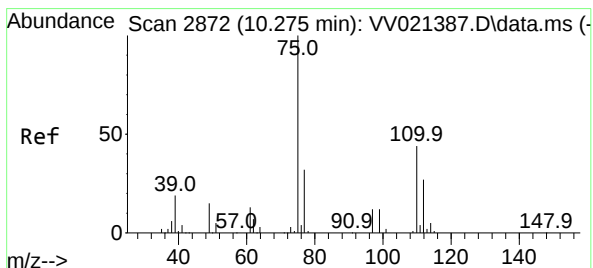
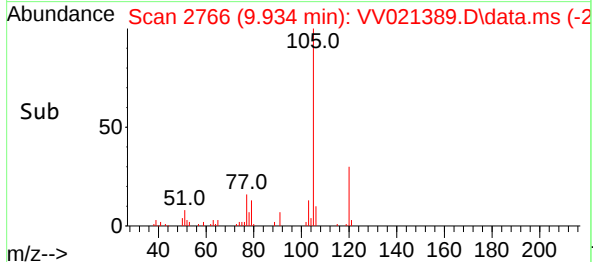
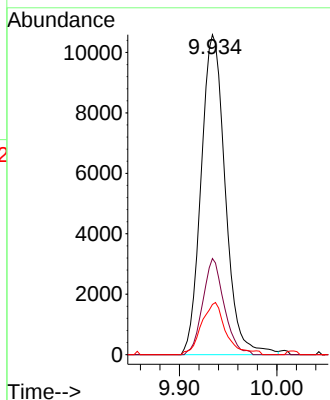
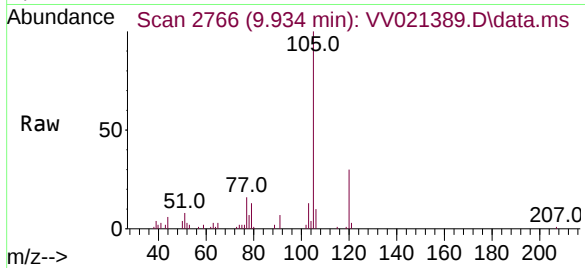




#60
Isopropylbenzene
Concen: 0.23 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.003 min
Lab File: VV021389.D
Acq: 25 May 2021 15:37

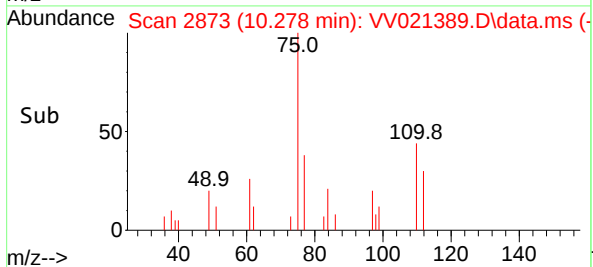
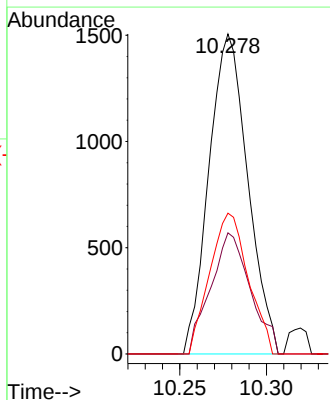
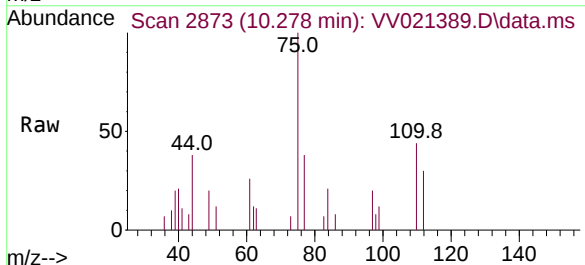
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2021-05

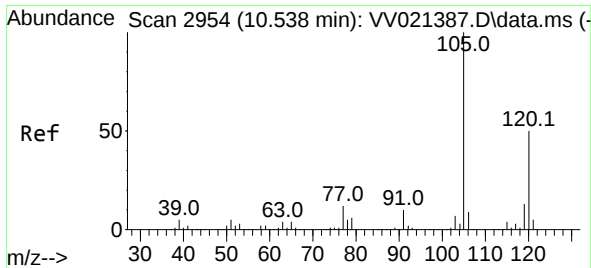
Tgt Ion:	105	Resp:	18230
Ion	Ratio	Lower	Upper
105	100		
120	26.6	21.8	32.8
77	16.5	11.3	16.9



#61
1,2,3-Trichloropropane
Concen: 0.24 ug/L
RT: 10.278 min Scan# 2873
Delta R.T. 0.003 min
Lab File: VV021389.D
Acq: 25 May 2021 15:37

Tgt Ion:	75	Resp:	2346
Ion	Ratio	Lower	Upper
75	100		
77	38.8	27.3	40.9
110	43.6	34.2	51.2

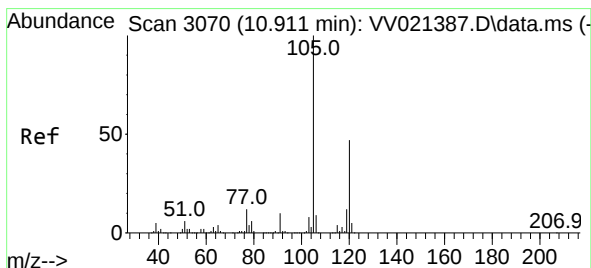
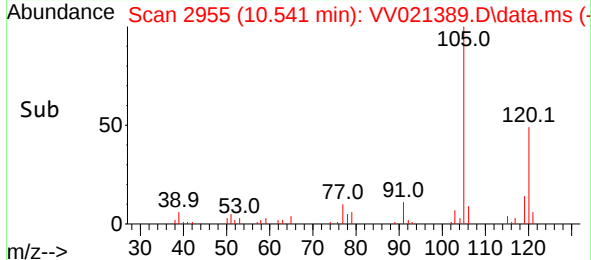
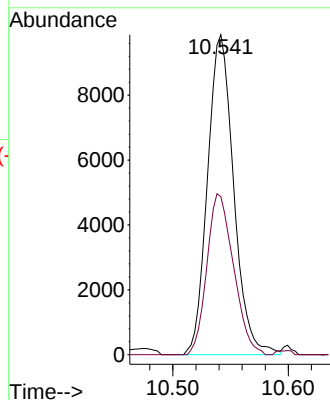
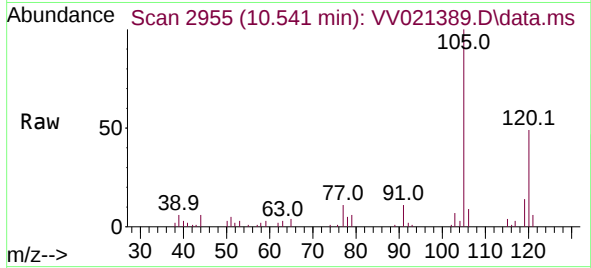




#62
1,3,5-Trimethylbenzene
Concen: 0.23 ug/L
RT: 10.541 min Scan# 2955
Delta R.T. 0.003 min
Lab File: VV021389.D
Acq: 25 May 2021 15:37

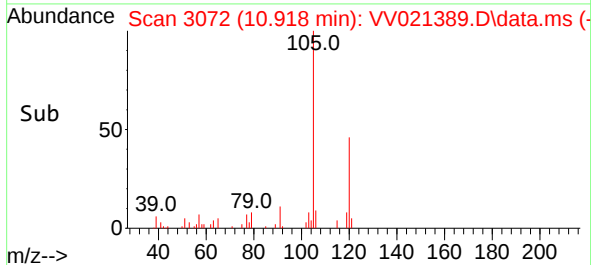
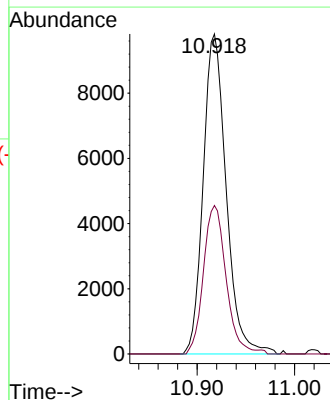
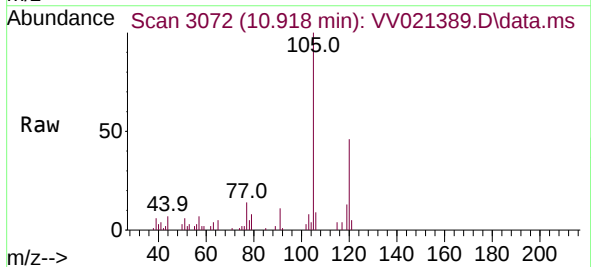
Instrument :
MSVOA_V
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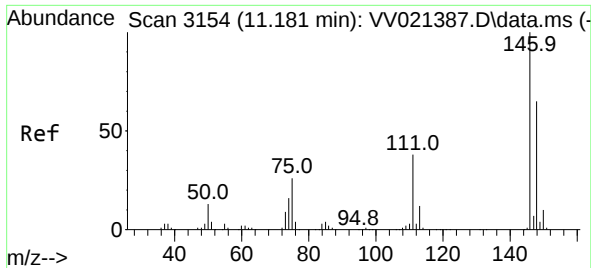
Tgt Ion:105 Resp: 15517
Ion Ratio Lower Upper
105 100
120 51.2 40.2 60.2



#63
1,2,4-Trimethylbenzene
Concen: 0.23 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.006 min
Lab File: VV021389.D
Acq: 25 May 2021 15:37

Tgt Ion:105 Resp: 16081
Ion Ratio Lower Upper
105 100
120 45.8 37.4 56.0

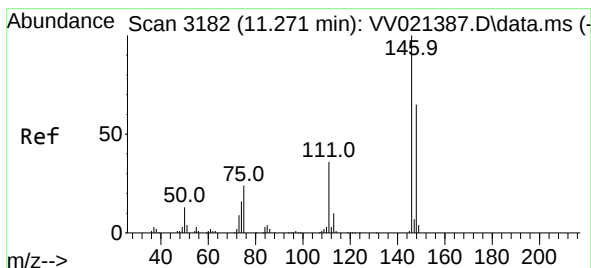
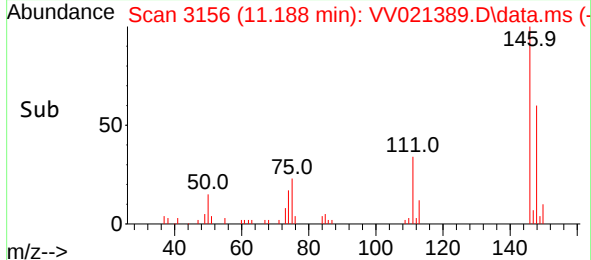
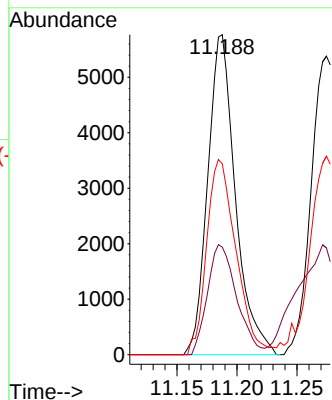
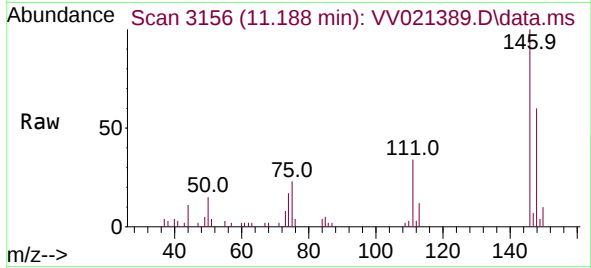




#64
1,3-Dichlorobenzene
Concen: 0.23 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. 0.006 min
Lab File: VV021389.D
Acq: 25 May 2021 15:37

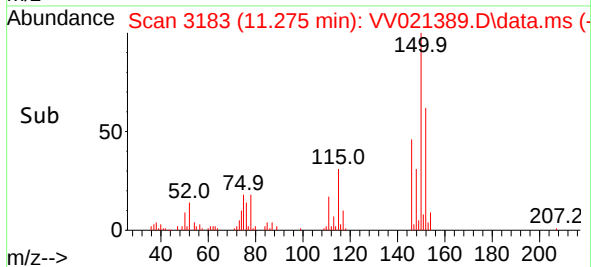
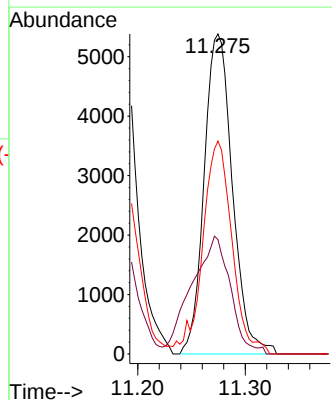
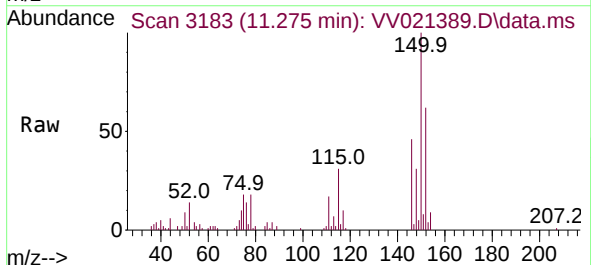
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2021-05

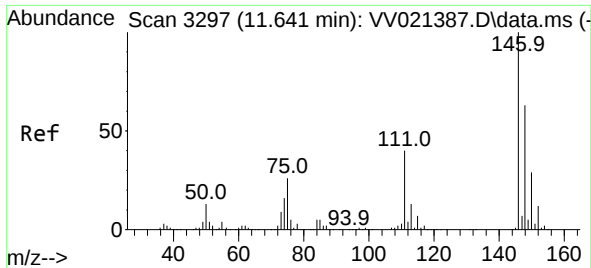
Tgt Ion:146	Resp:	9261
Ion Ratio	Lower	Upper
146	100	
111	33.6	26.2 48.6
148	59.6	44.9 83.5



#65
1,4-Dichlorobenzene
Concen: 0.25 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.003 min
Lab File: VV021389.D
Acq: 25 May 2021 15:37

Tgt Ion:146	Resp:	9838
Ion Ratio	Lower	Upper
146	100	
111	35.8	25.1 46.5
148	66.5	44.4 82.5

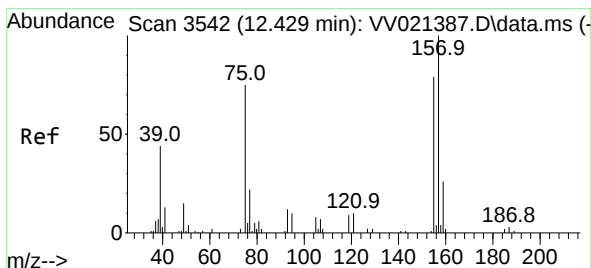
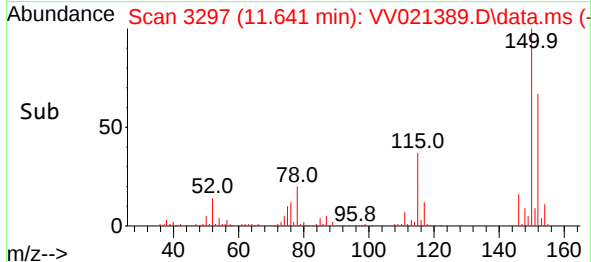
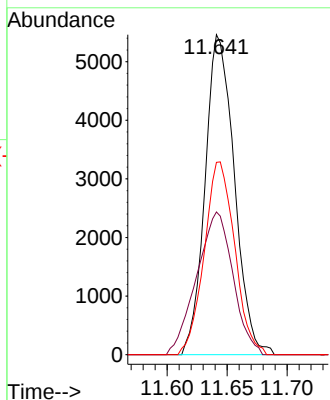
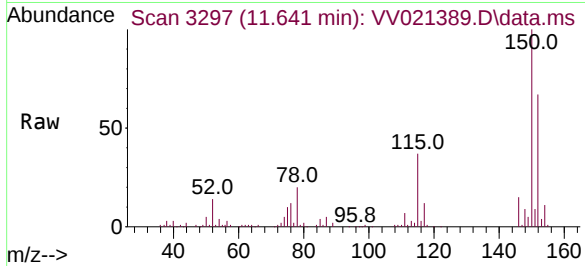




#67
1,2-Dichlorobenzene
Concen: 0.25 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. -0.000 min
Lab File: VV021389.D
Acq: 25 May 2021 15:37

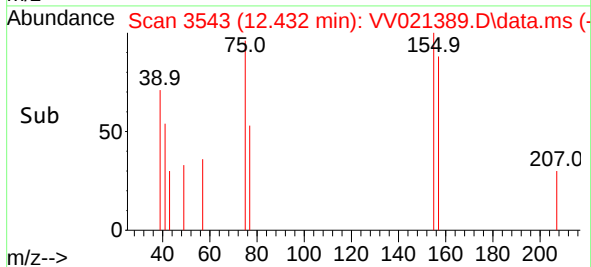
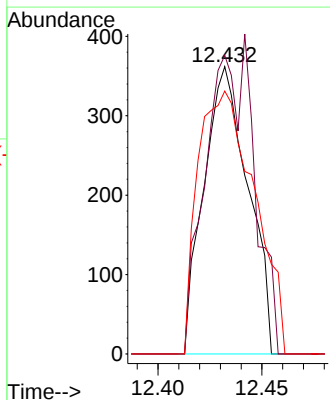
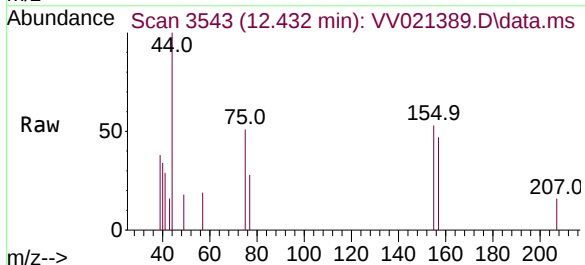
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2021-05

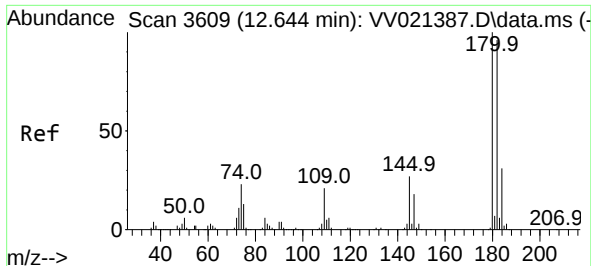
Tgt Ion:	146	Resp:	9262
Ion	Ratio	Lower	Upper
146	100		
111	44.6	31.2	46.8
148	60.1	50.9	76.3



#68
1,2-Dibromo-3-chloropropane
Concen: 0.23 ug/L
RT: 12.432 min Scan# 3543
Delta R.T. 0.003 min
Lab File: VV021389.D
Acq: 25 May 2021 15:37

Tgt Ion:	75	Resp:	535
Ion	Ratio	Lower	Upper
75	100		
155	103.9	87.2	130.8
157	91.4	106.1	159.1#

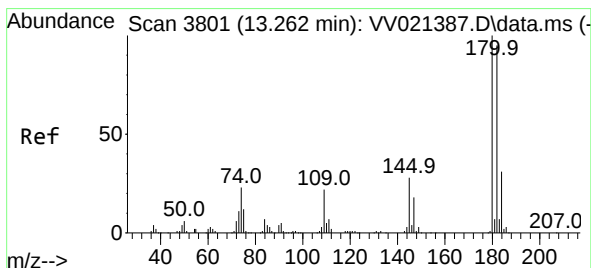
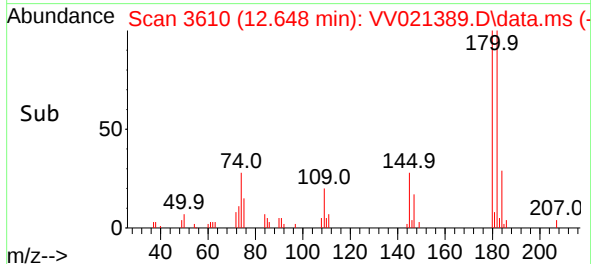
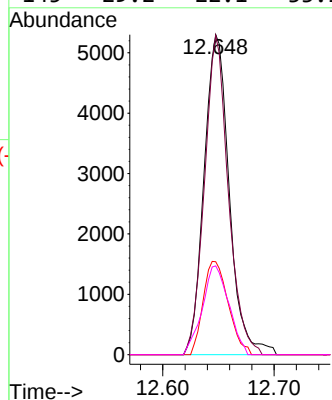
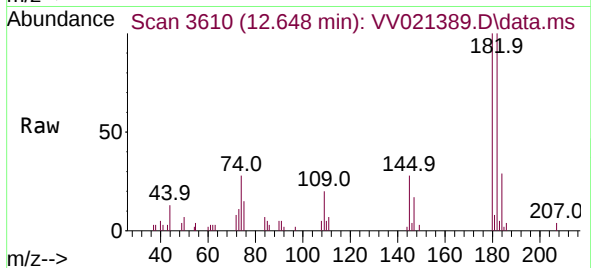




#69
1,3,5-Trichlorobenzene
Concen: 0.23 ug/L
RT: 12.648 min Scan# 3610
Delta R.T. 0.003 min
Lab File: VV021389.D
Acq: 25 May 2021 15:37

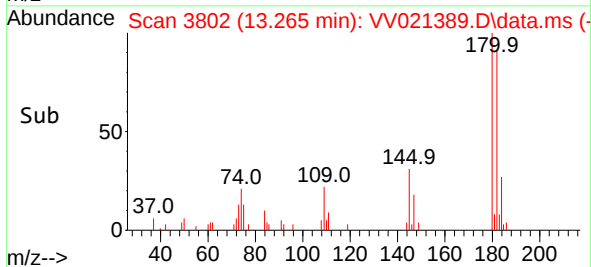
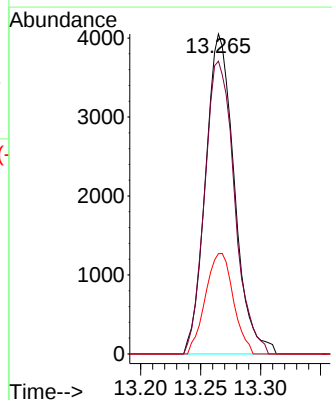
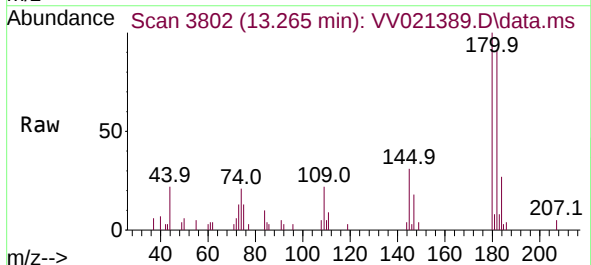
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2021-05

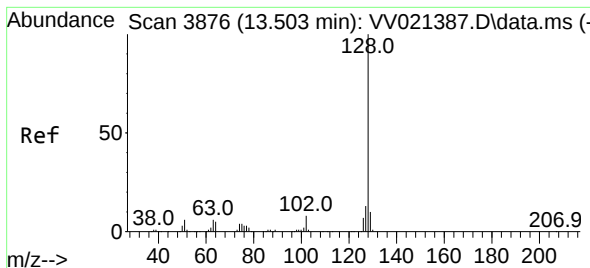
Tgt Ion:180	Resp:	8309
Ion Ratio	Lower	Upper
180	100	
182	94.4	76.4 114.6
184	29.0	24.0 36.0
145	29.2	22.1 33.1



#70
1,2,4-trichlorobenzene
Concen: 0.23 ug/L
RT: 13.265 min Scan# 3802
Delta R.T. 0.003 min
Lab File: VV021389.D
Acq: 25 May 2021 15:37

Tgt Ion:180	Resp:	6763
Ion Ratio	Lower	Upper
180	100	
182	94.7	76.3 114.5
145	30.4	23.0 34.4

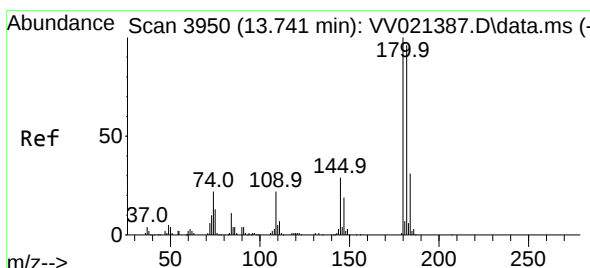
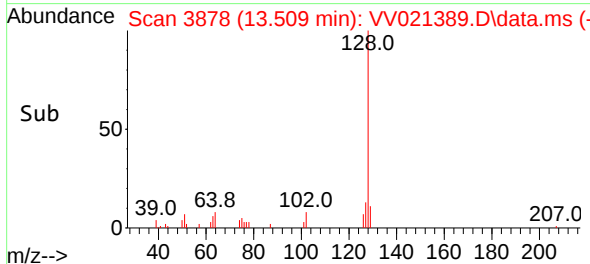
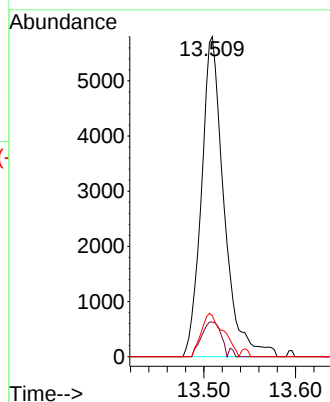
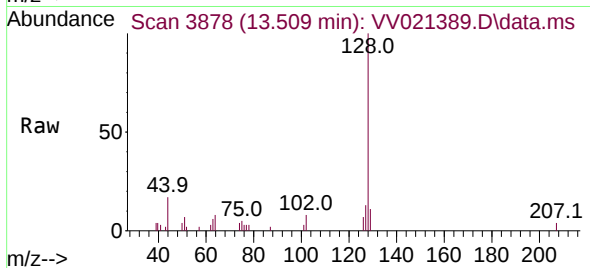




#71
Naphthalene
Concen: 0.21 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. 0.006 min
Lab File: VV021389.D
Acq: 25 May 2021 15:37

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2021-05

Tgt Ion:128	Resp:	9922
Ion Ratio	Lower	Upper
128	100	
129	9.8	8.4 12.6
127	13.2	10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 0.22 ug/L
RT: 13.747 min Scan# 3952
Delta R.T. 0.006 min
Lab File: VV021389.D
Acq: 25 May 2021 15:37

Tgt Ion:180	Resp:	5913
Ion Ratio	Lower	Upper
180	100	
182	96.9	76.3 114.5
145	32.7	24.3 36.5

