

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW081722\
 Data File : VW027416.D
 Acq On : 17 Aug 2022 11:54
 Operator : SY/MD
 Sample : N4150-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT3-2022-06

Quant Time: Aug 18 01:41:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Aug 18 01:40:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	126802	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	139398	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	58771	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	39497	3.585	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.800%
7) Chloroethane-d5	1.564	69	38297	4.787	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.800%
11) 1,1-Dichloroethene-d2	2.105	63	67030	3.355	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.200%
20) 2-Butanone-d5	3.886	46	89714	48.085	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.180%
24) Chloroform-d	4.346	84	98588	4.880	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
26) 1,2-Dichloroethane-d4	5.030	65	53546	5.563	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.200%
32) Benzene-d6	5.047	84	174951	4.255	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.000%
36) 1,2-Dichloropropane-d6	6.066	67	67346	5.297	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.000%
41) Toluene-d8	7.317	98	137899	3.663	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.200%
43) trans-1,3-Dichloroprop...	7.625	79	20543	4.665	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.200%
46) 2-Hexanone-d5	8.088	63	87854	51.546	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.100%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	49282	5.358	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	53492	5.273	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	3220	0.214	ug/L	98
3) Chloromethane	1.236	50	3352	0.222	ug/L	95
5) Vinyl chloride	1.307	62	2659	0.189	ug/L #	34
6) Bromomethane	1.519	94	1450	0.221	ug/L	96
8) Chloroethane	1.584	64	2059	0.263	ug/L #	80
9) Trichlorofluoromethane	1.751	101	4405	0.235	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	2879	0.327	ug/L	89
14) Carbon disulfide	2.291	76	6764	0.185	ug/L	97
16) Methylene chloride	2.503	84	6797	0.464	ug/L	97
17) Methyl tert-butyl Ether	2.767	73	4133	0.194	ug/L #	91
18) trans-1,2-Dichloroethene	2.757	96	2039	0.182	ug/L	98
19) 1,1-Dichloroethane	3.185	63	4321	0.201	ug/L #	93
22) cis-1,2-Dichloroethene	3.905	96	1106	0.100	ug/L	91
23) Bromochloromethane	4.246	128	675	0.131	ug/L	77
25) Chloroform	4.378	83	15478	0.701	ug/L	97
27) 1,2-Dichloroethane	5.140	62	2881	0.228	ug/L #	92
29) 1,1,1-Trichloroethane	4.606	97	3956	0.202	ug/L	94
30) Cyclohexane	4.670	56	2981	0.188	ug/L	95
31) Carbon tetrachloride	4.828	117	3498	0.205	ug/L	92

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 ALS Vial : 5 Sample Multiplier: 1

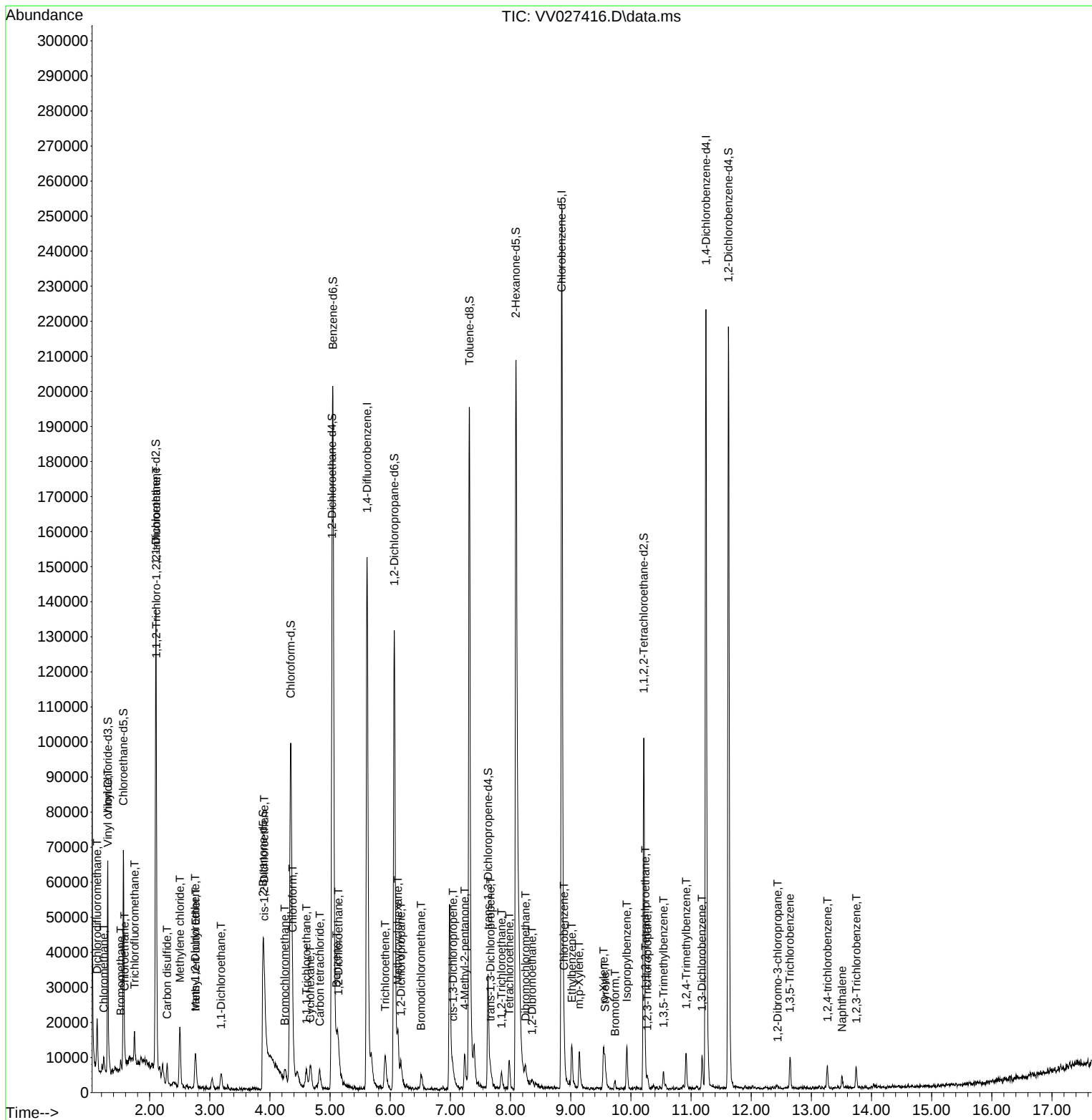
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT3-2022-06

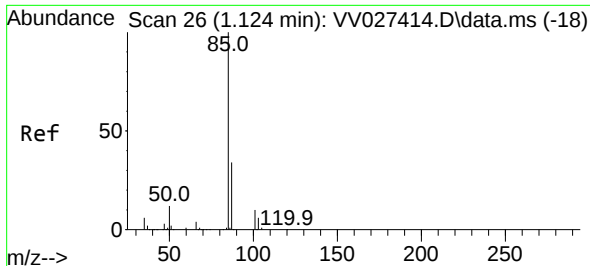
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Aug 18 01:40:54 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) Benzene	5.104	78	9356	0.196	ug/L	100
34) Trichloroethene	5.915	95	2281	0.192	ug/L	90
35) Methylcyclohexane	6.127	83	4446	0.272	ug/L #	77
37) 1,2-Dichloropropane	6.178	63	2385	0.203	ug/L #	85
38) Bromodichloromethane	6.513	83	3036	0.200	ug/L #	96
39) cis-1,3-Dichloropropene	7.043	75	2907	0.202	ug/L	90
40) 4-Methyl-2-pentanone	7.236	43	6849	1.127	ug/L #	90
44) trans-1,3-Dichloropropene	7.667	75	2595	0.206	ug/L	94
45) 1,1,2-Trichloroethane	7.847	97	1276	0.152	ug/L #	77
47) Tetrachloroethene	7.979	164	2170	0.233	ug/L	95
49) Dibromochloromethane	8.249	129	1763	0.179	ug/L	93
50) 1,2-Dibromoethane	8.358	107	1295	0.173	ug/L #	84
51) Chlorobenzene	8.889	112	5979	0.193	ug/L	98
52) Ethylbenzene	9.021	91	8057	0.169	ug/L	97
53) m,p-Xylene	9.140	106	2793	0.153	ug/L	86
54) o-Xylene	9.548	106	2935	0.165	ug/L	85
55) Styrene	9.570	104	4549	0.148	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.239	83	1963	0.210	ug/L #	81
59) Bromoform	9.738	173	859	0.217	ug/L #	86
60) Isopropylbenzene	9.934	105	7871	0.213	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	1513	0.267	ug/L #	91
62) 1,3,5-Trimethylbenzene	10.545	105	2609	0.255	ug/L	93
63) 1,2,4-Trimethylbenzene	10.918	105	5317	0.181	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	3898	0.211	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.439	75	163	0.138	ug/L #	46
69) 1,3,5-Trichlorobenzene	12.644	180	2647	0.198	ug/L	95
70) 1,2,4-trichlorobenzene	13.268	180	2004	0.201	ug/L	93
71) Naphthalene	13.509	128	2796	0.182	ug/L	96
72) 1,2,3-Trichlorobenzene	13.747	180	1523	0.164	ug/L #	79

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

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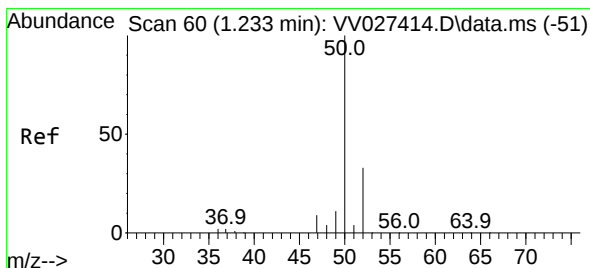
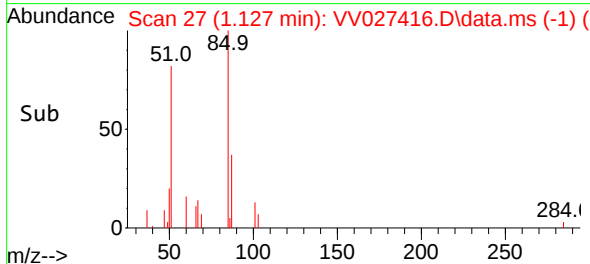
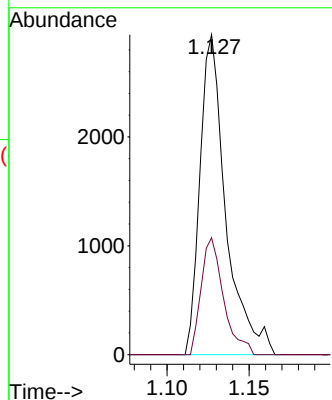
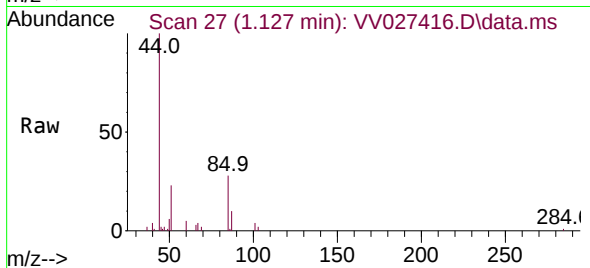




#2
Dichlorodifluoromethane
Concen: 0.214 ug/L
RT: 1.127 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV027416.D
Acq: 17 Aug 2022 11:54

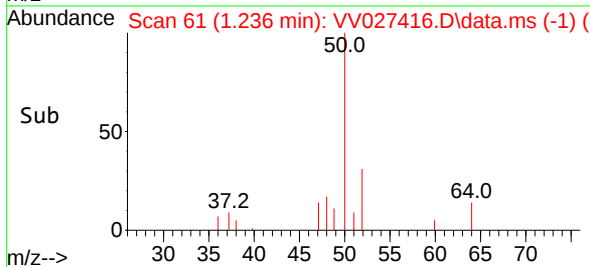
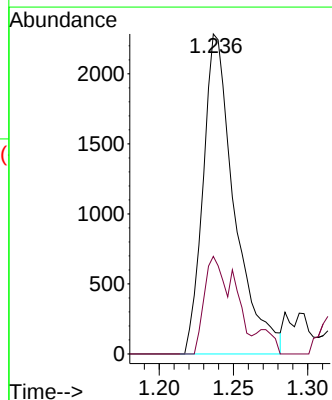
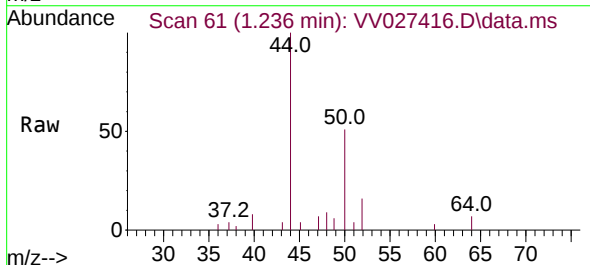
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2022-06

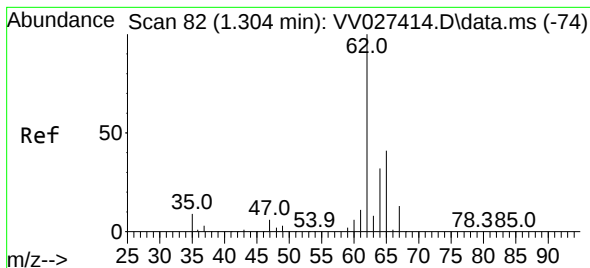
Tgt Ion: 85 Resp: 3220
Ion Ratio Lower Upper
85 100
87 31.6 26.2 39.4



#3
Chloromethane
Concen: 0.222 ug/L
RT: 1.236 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV027416.D
Acq: 17 Aug 2022 11:54

Tgt Ion: 50 Resp: 3352
Ion Ratio Lower Upper
50 100
52 30.5 23.4 43.4





#5

Vinyl chloride

Concen: 0.189 ug/L

RT: 1.307 min Scan# 81

Delta R.T. 0.003 min

Lab File: VV027416.D

Acq: 17 Aug 2022 11:54

Instrument :

MSVOA_V

ClientSampleId :

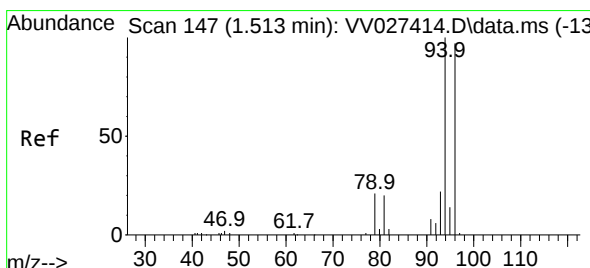
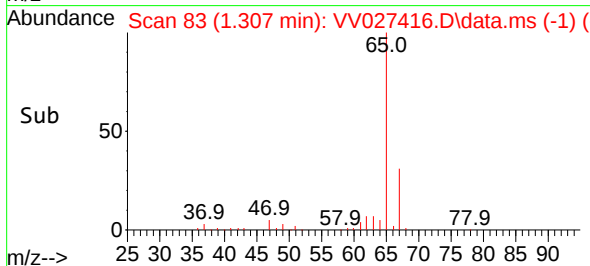
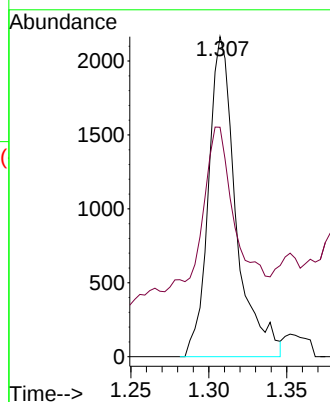
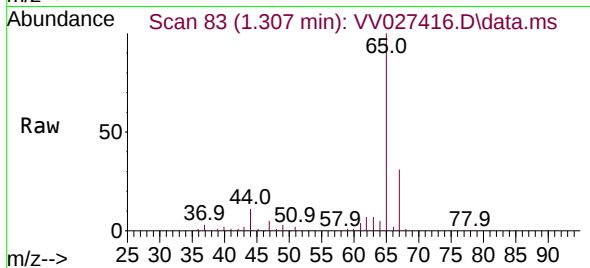
MDL-WATER-QT3-2022-06

Tgt Ion: 62 Resp: 2659

Ion Ratio Lower Upper

62 100

64 71.7 23.7 44.1#



#6

Bromomethane

Concen: 0.221 ug/L

RT: 1.519 min Scan# 149

Delta R.T. 0.006 min

Lab File: VV027416.D

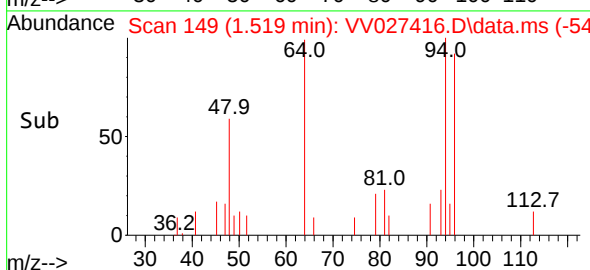
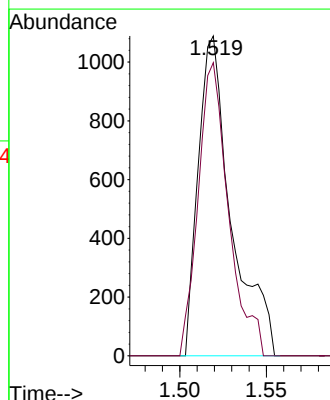
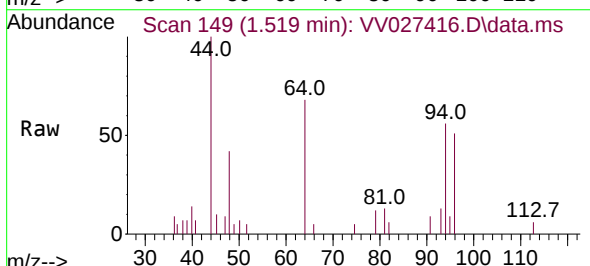
Acq: 17 Aug 2022 11:54

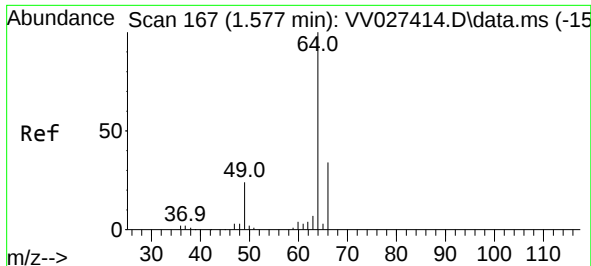
Tgt Ion: 94 Resp: 1450

Ion Ratio Lower Upper

94 100

96 91.6 67.2 124.8





#8

Chloroethane

Concen: 0.263 ug/L

RT: 1.584 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV027416.D

Acq: 17 Aug 2022 11:54

Instrument :

MSVOA_V

ClientSampleId :

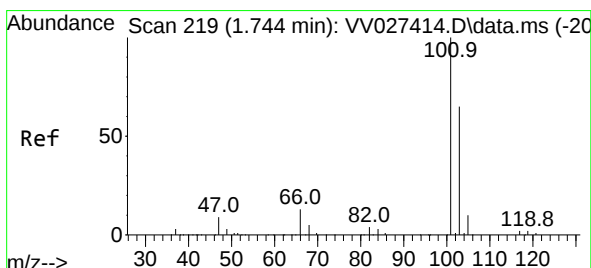
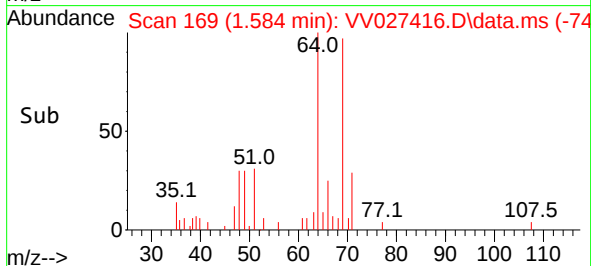
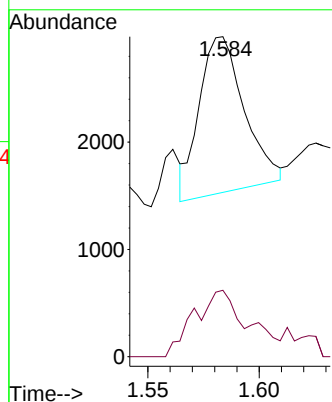
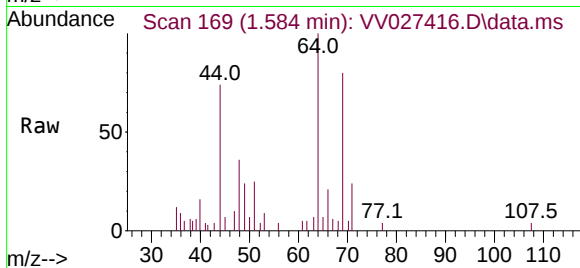
MDL-WATER-QT3-2022-06

Tgt Ion: 64 Resp: 2059

Ion Ratio Lower Upper

64 100

66 20.8 22.3 41.5#



#9

Trichlorofluoromethane

Concen: 0.235 ug/L

RT: 1.751 min Scan# 221

Delta R.T. 0.006 min

Lab File: VV027416.D

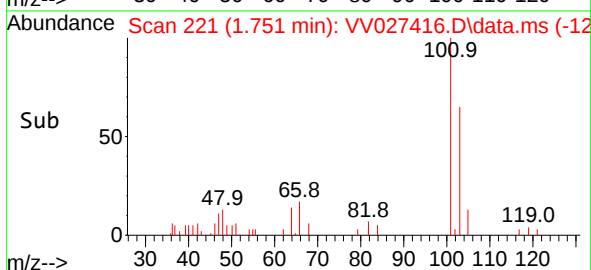
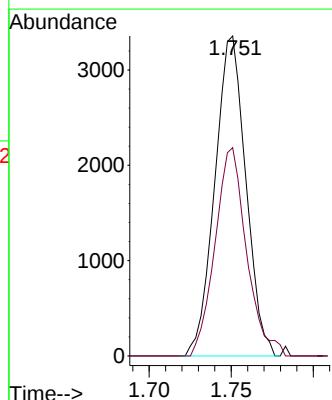
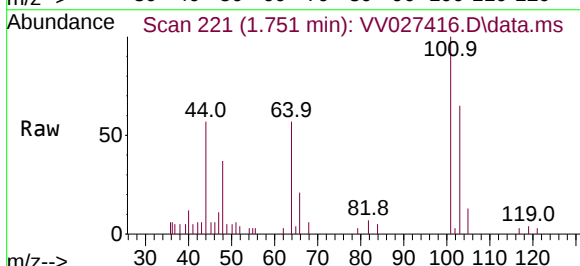
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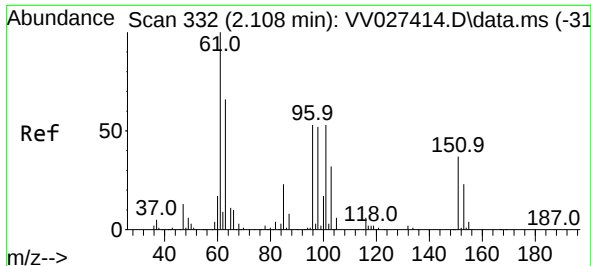
Tgt Ion:101 Resp: 4405

Ion Ratio Lower Upper

101 100

103 66.1 51.4 77.0

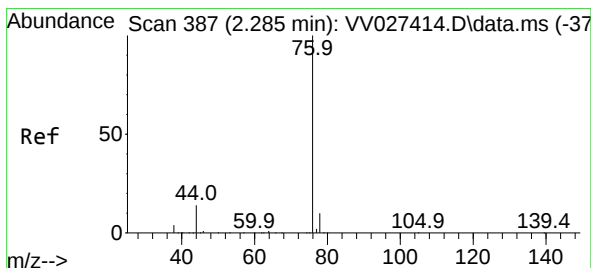
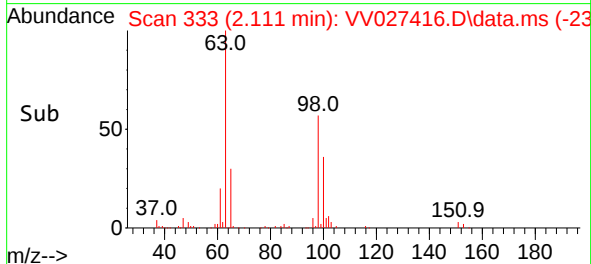
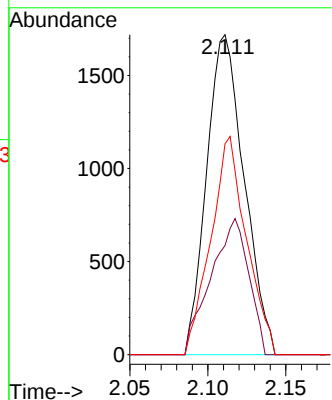
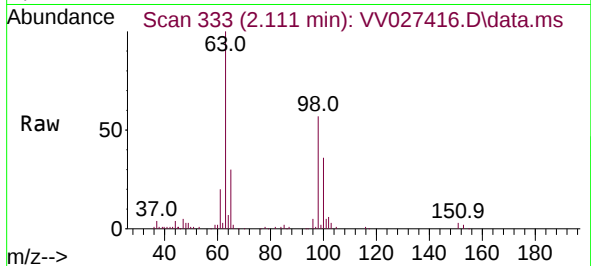




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.327 ug/L
RT: 2.111 min Scan# 311
Delta R.T. 0.003 min
Lab File: VV027416.D
Acq: 17 Aug 2022 11:54

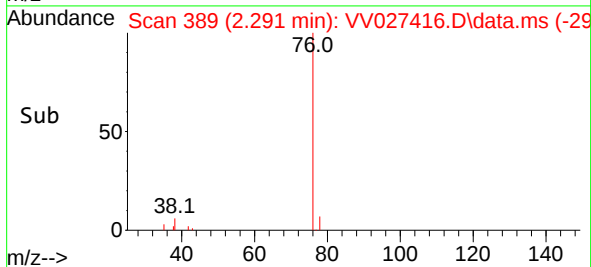
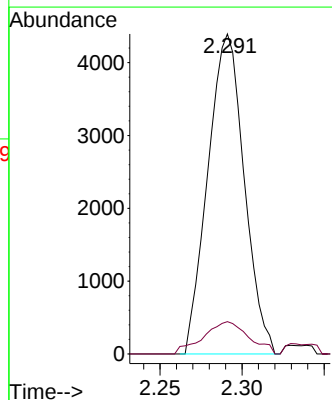
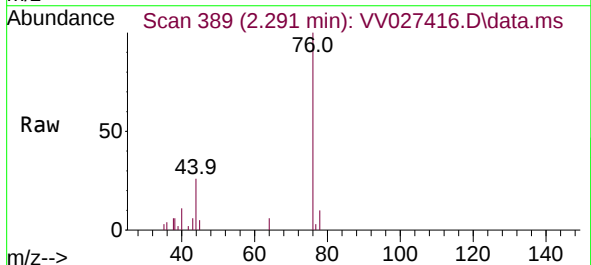
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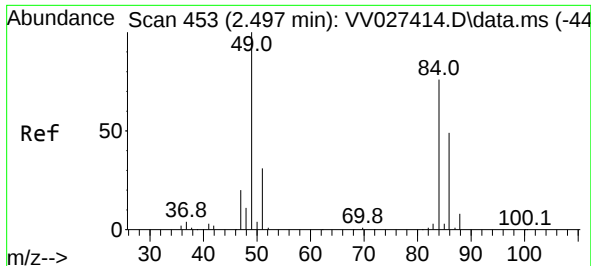
Tgt Ion:101 Resp: 2879
Ion Ratio Lower Upper
101 100
85 42.9 36.2 54.4
151 64.7 62.0 93.0



#14
Carbon disulfide
Concen: 0.185 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.006 min
Lab File: VV027416.D
Acq: 17 Aug 2022 11:54

Tgt Ion: 76 Resp: 6764
Ion Ratio Lower Upper
76 100
78 10.1 7.2 10.8

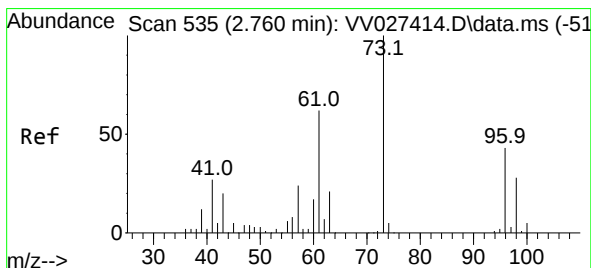
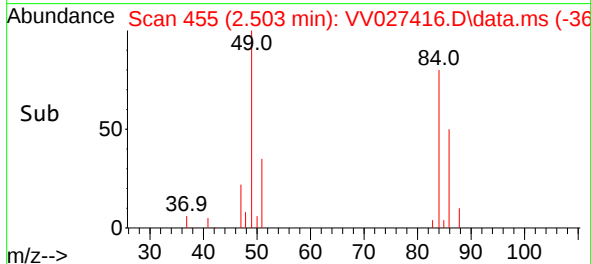
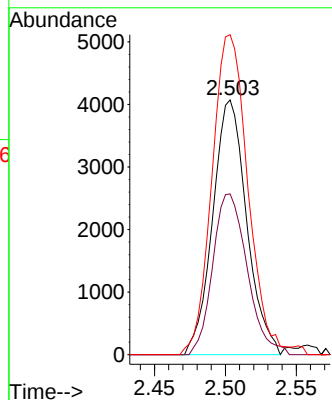
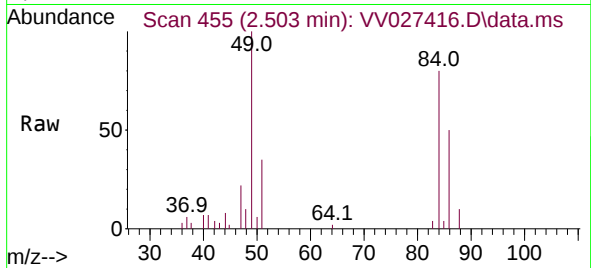




#16
Methylene chloride
Concen: 0.464 ug/L
RT: 2.503 min Scan# 416
Delta R.T. 0.006 min
Lab File: VV027416.D
Acq: 17 Aug 2022 11:54

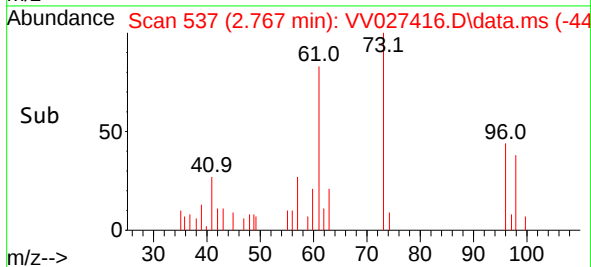
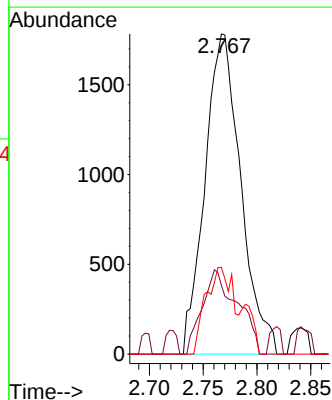
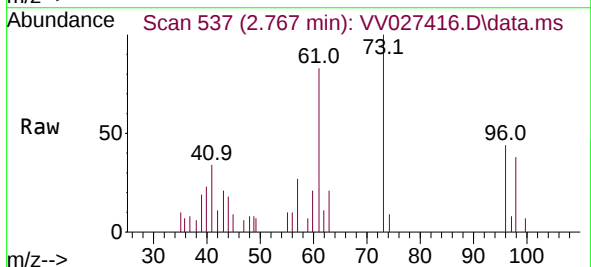
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2022-06

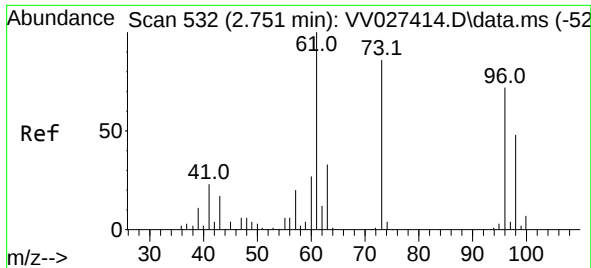
Tgt Ion: 84 Resp: 6797
Ion Ratio Lower Upper
84 100
86 63.1 45.1 83.9
49 125.6 91.2 169.4



#17
Methyl tert-butyl Ether
Concen: 0.194 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.006 min
Lab File: VV027416.D
Acq: 17 Aug 2022 11:54

Tgt Ion: 73 Resp: 4133
Ion Ratio Lower Upper
73 100
43 25.7 15.8 23.8#
57 20.4 18.3 27.5

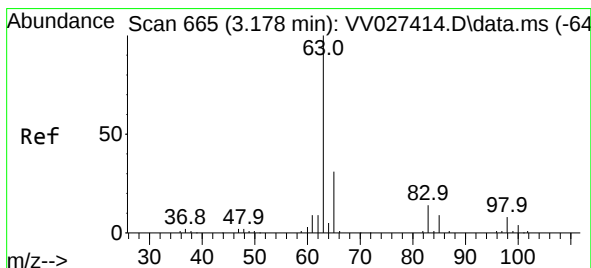
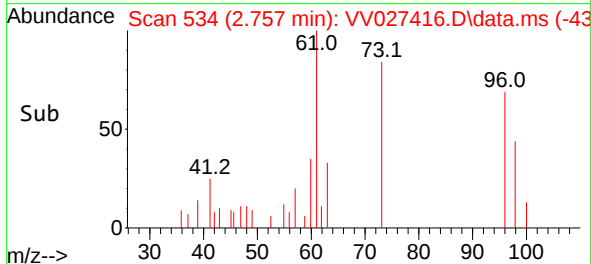
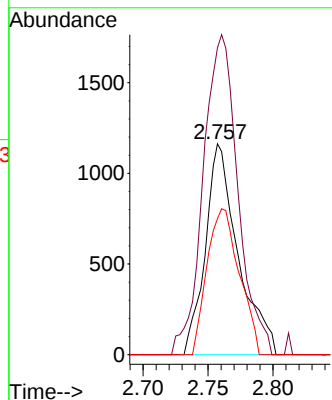
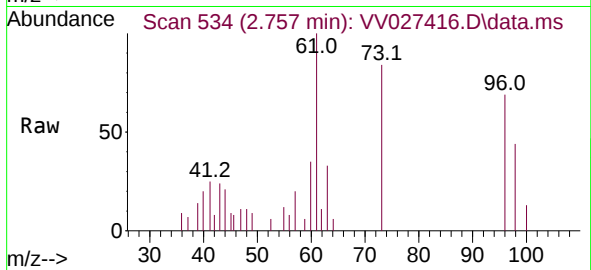




#18
trans-1,2-Dichloroethene
Concen: 0.182 ug/L
RT: 2.757 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV027416.D
Acq: 17 Aug 2022 11:54

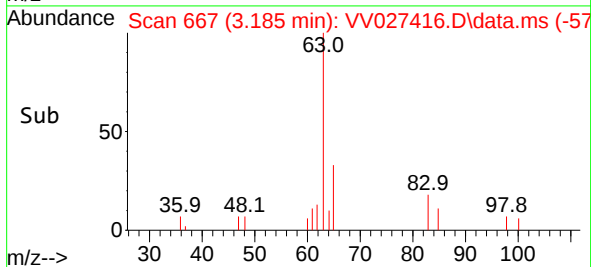
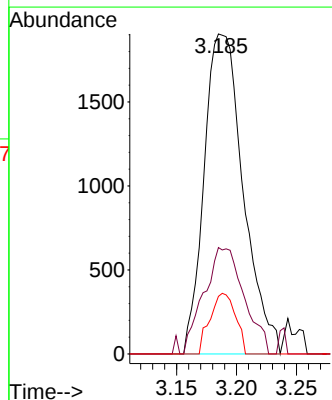
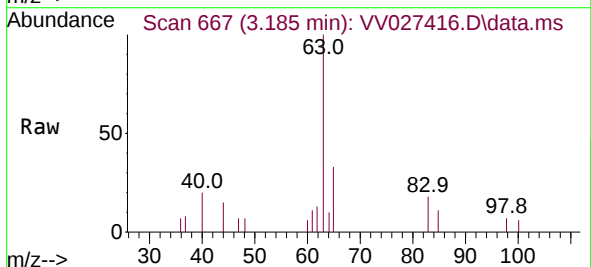
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2022-06

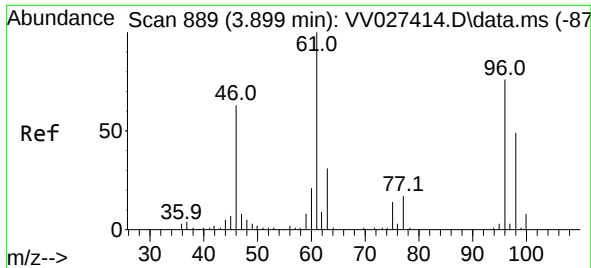
Tgt Ion: 96 Resp: 2039
Ion Ratio Lower Upper
96 100
61 145.6 99.6 185.0
98 64.5 45.1 83.7



#19
1,1-Dichloroethane
Concen: 0.201 ug/L
RT: 3.185 min Scan# 667
Delta R.T. 0.006 min
Lab File: VV027416.D
Acq: 17 Aug 2022 11:54

Tgt Ion: 63 Resp: 4321
Ion Ratio Lower Upper
63 100
65 33.3 21.6 40.2
83 18.0 9.3 17.3#

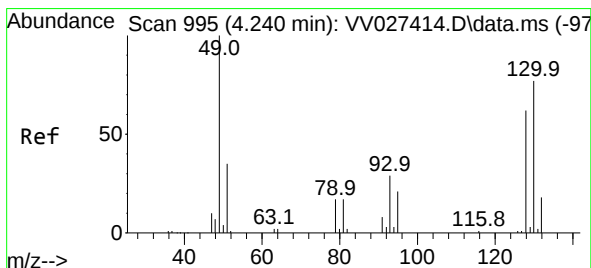
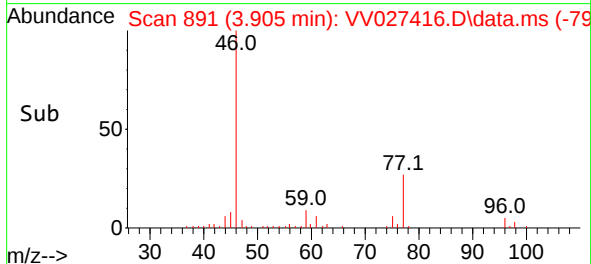
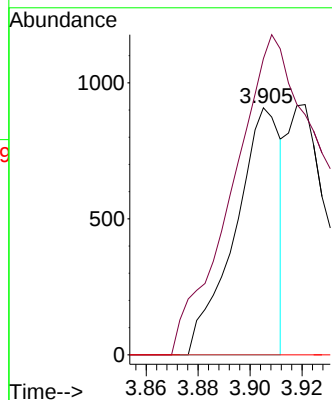
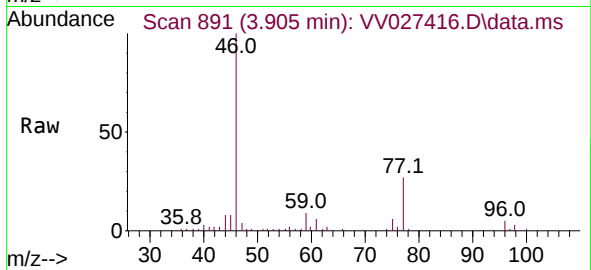




#22
 cis-1,2-Dichloroethene
 Concen: 0.100 ug/L
 RT: 3.905 min Scan# 891
 Delta R.T. 0.006 min
 Lab File: VV027416.D
 Acq: 17 Aug 2022 11:54

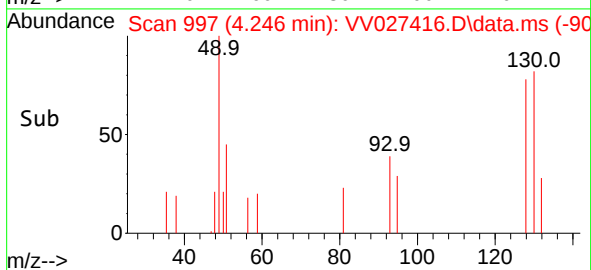
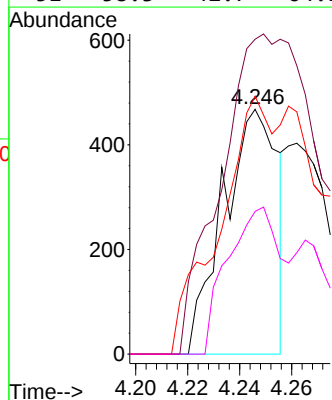
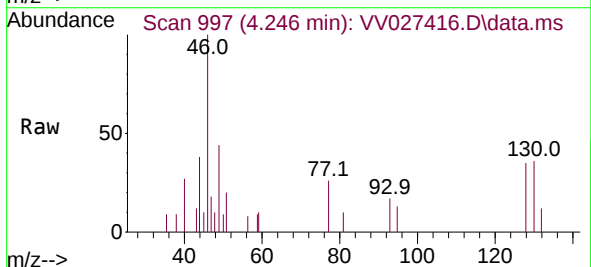
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT3-2022-06

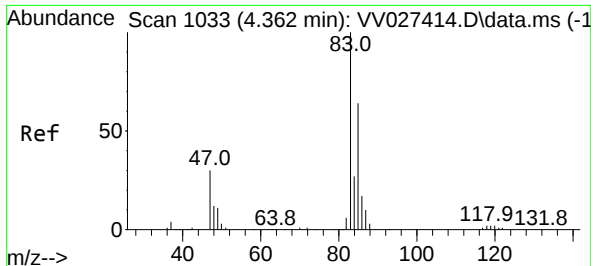
Tgt Ion: 96 Resp: 1106
 Ion Ratio Lower Upper
 96 100
 61 119.9 91.3 169.5
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 0.131 ug/L
 RT: 4.246 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VV027416.D
 Acq: 17 Aug 2022 11:54

Tgt Ion: 128 Resp: 675
 Ion Ratio Lower Upper
 128 100
 49 128.6 118.5 220.1
 130 105.3 90.3 167.7
 51 58.3 42.7 64.1

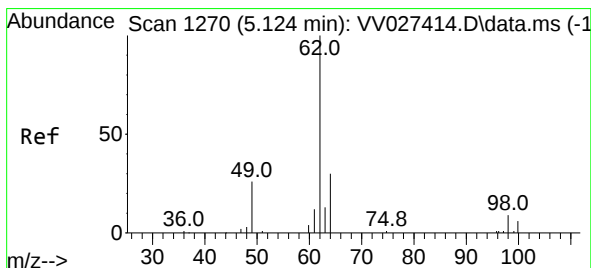
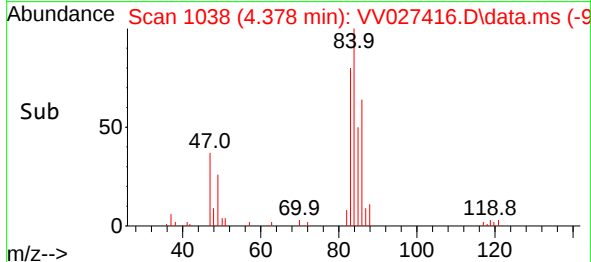
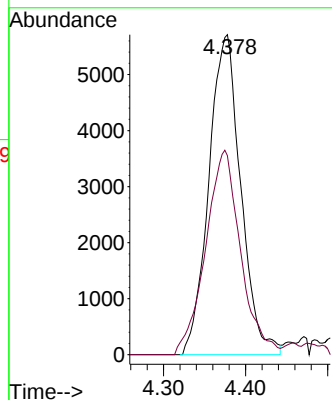
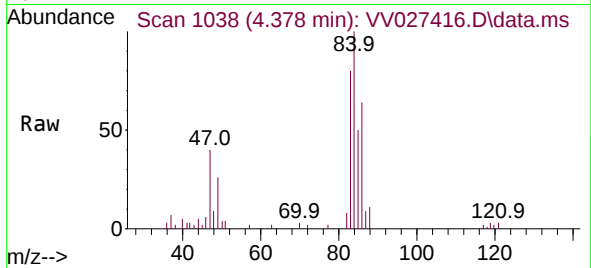




#25
Chloroform
Concen: 0.701 ug/L
RT: 4.378 min Scan# 1033
Delta R.T. 0.016 min
Lab File: VV027416.D
Acq: 17 Aug 2022 11:54

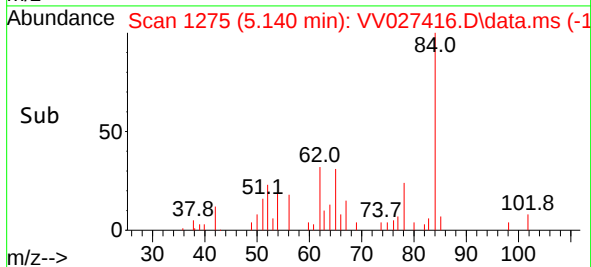
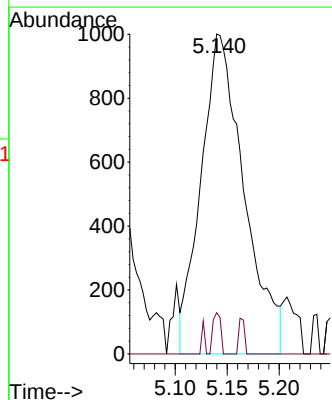
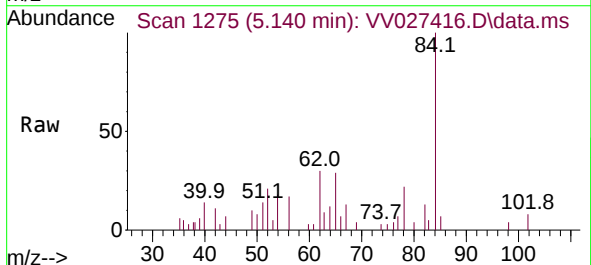
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2022-06

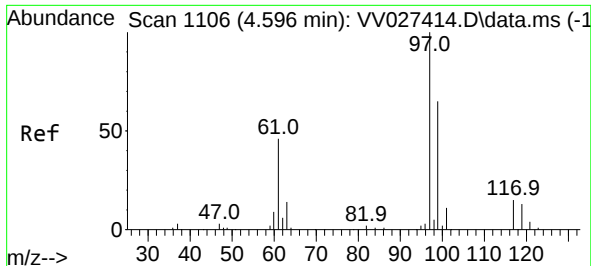
Tgt Ion: 83 Resp: 15478
Ion Ratio Lower Upper
83 100
85 62.2 45.2 84.0



#27
1,2-Dichloroethane
Concen: 0.228 ug/L
RT: 5.140 min Scan# 1275
Delta R.T. 0.016 min
Lab File: VV027416.D
Acq: 17 Aug 2022 11:54

Tgt Ion: 62 Resp: 2881
Ion Ratio Lower Upper
62 100
98 12.9 7.8 11.8#





#29

1,1,1-Trichloroethane

Concen: 0.202 ug/L

RT: 4.606 min Scan# 1109

Delta R.T. 0.010 min

Lab File: VV027416.D

Acq: 17 Aug 2022 11:54

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT3-2022-06

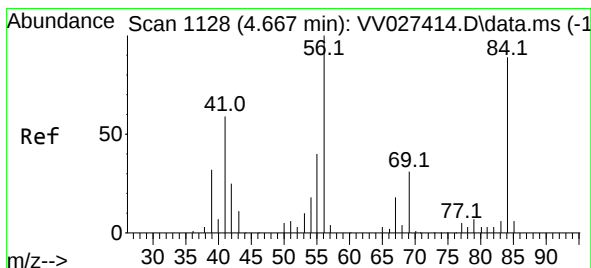
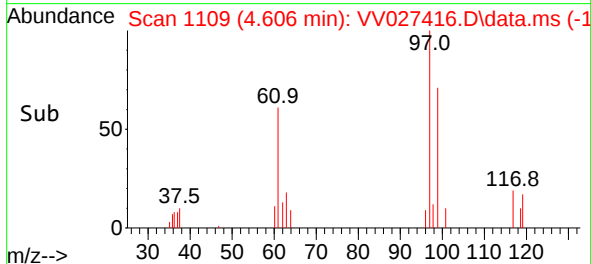
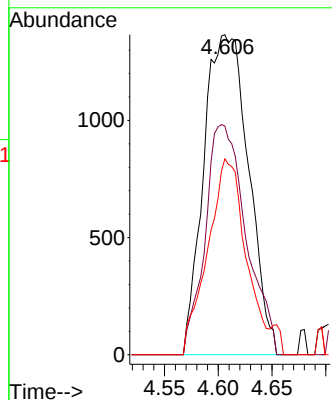
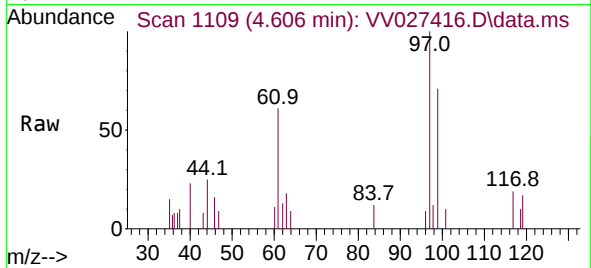
Tgt Ion: 97 Resp: 3956

Ion Ratio Lower Upper

97 100

99 65.9 50.8 76.2

61 52.1 36.5 54.7



#30

Cyclohexane

Concen: 0.188 ug/L

RT: 4.670 min Scan# 1129

Delta R.T. 0.003 min

Lab File: VV027416.D

Acq: 17 Aug 2022 11:54

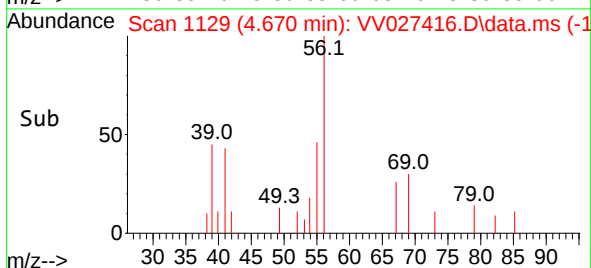
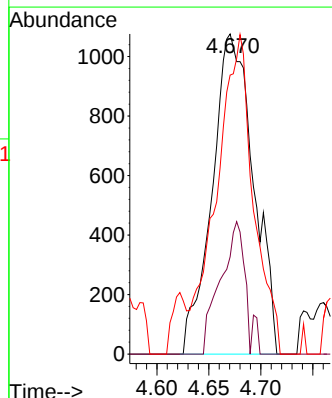
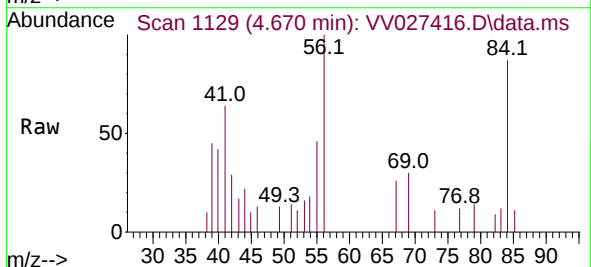
Tgt Ion: 56 Resp: 2981

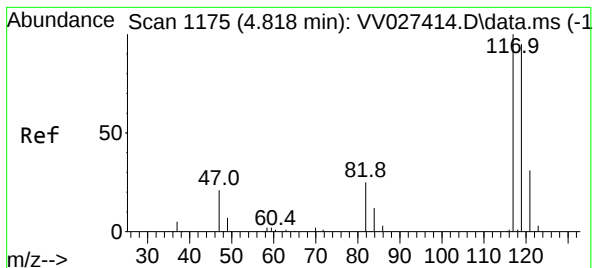
Ion Ratio Lower Upper

56 100

69 25.2 24.0 36.0

84 89.3 69.1 103.7





#31

Carbon tetrachloride

Concen: 0.205 ug/L

RT: 4.828 min Scan# 1175

Delta R.T. 0.010 min

Lab File: VV027416.D

Acq: 17 Aug 2022 11:54

Instrument :

MSVOA_V

ClientSampleId :

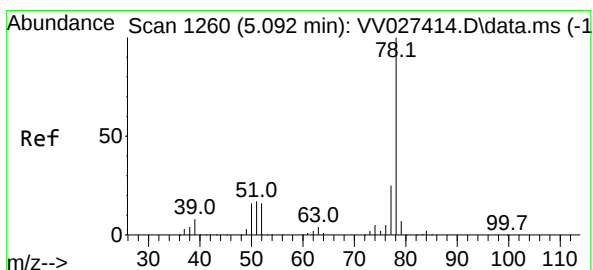
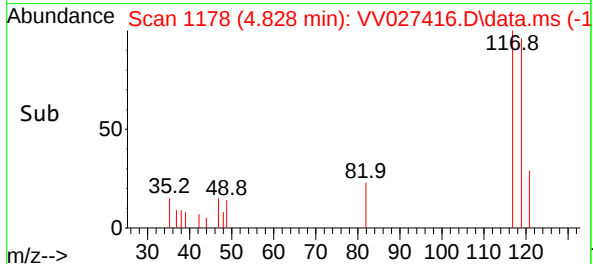
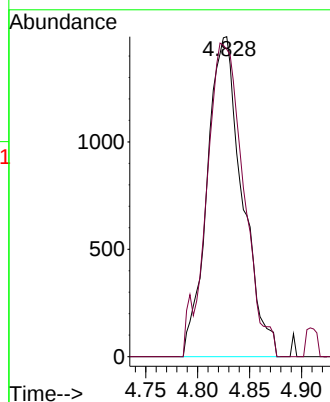
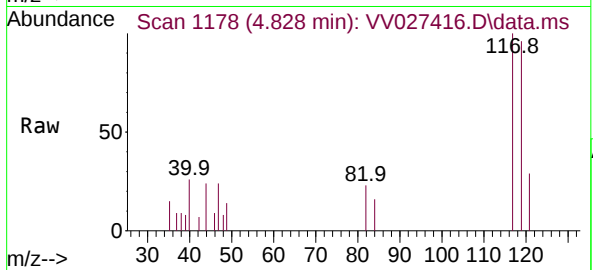
MDL-WATER-QT3-2022-06

Tgt Ion:117 Resp: 3498

Ion Ratio Lower Upper

117 100

119 103.2 76.6 115.0



#33

Benzene

Concen: 0.196 ug/L

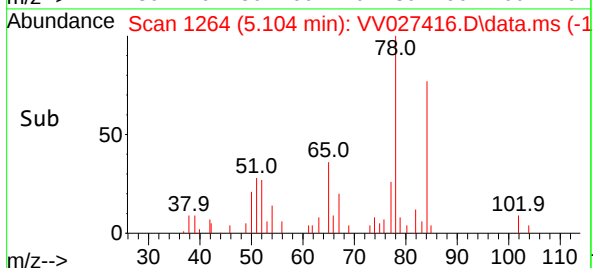
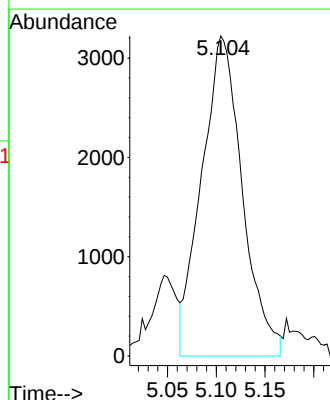
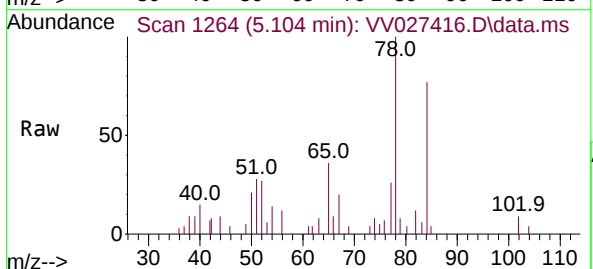
RT: 5.104 min Scan# 1264

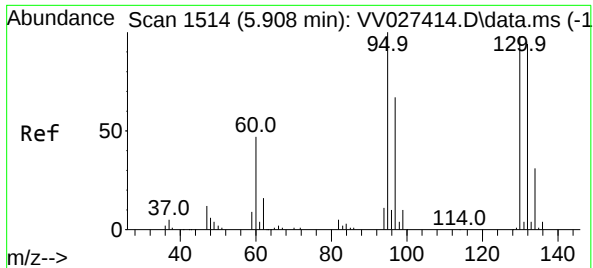
Delta R.T. 0.013 min

Lab File: VV027416.D

Acq: 17 Aug 2022 11:54

Tgt Ion: 78 Resp: 9356





#34

Trichloroethene

Concen: 0.192 ug/L

RT: 5.915 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV027416.D

Acq: 17 Aug 2022 11:54

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT3-2022-06

Tgt Ion: 95 Resp: 2281

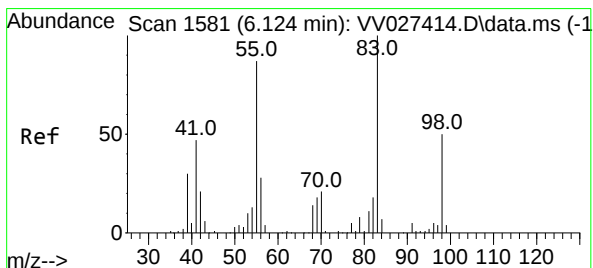
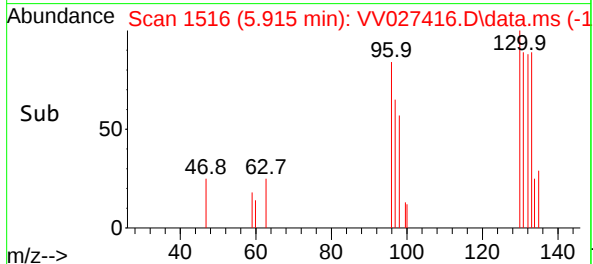
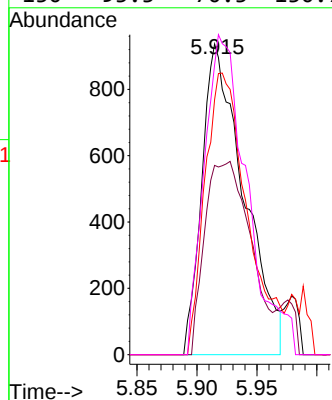
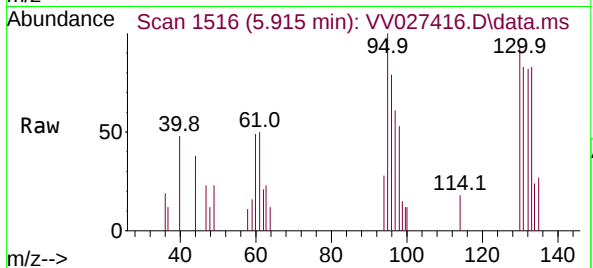
Ion Ratio Lower Upper

95 100

97 60.9 45.5 84.5

132 82.1 68.2 126.6

130 93.3 70.3 130.7



#35

Methylcyclohexane

Concen: 0.272 ug/L

RT: 6.127 min Scan# 1582

Delta R.T. 0.003 min

Lab File: VV027416.D

Acq: 17 Aug 2022 11:54

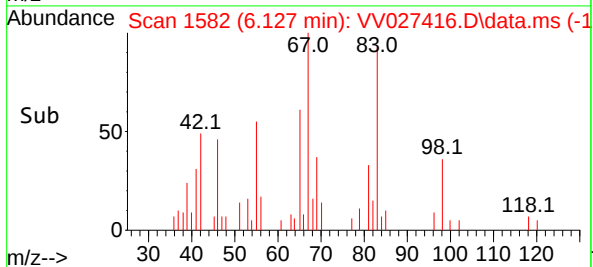
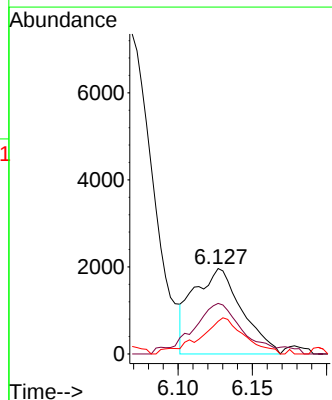
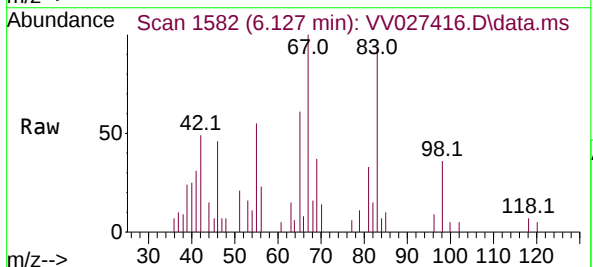
Tgt Ion: 83 Resp: 4446

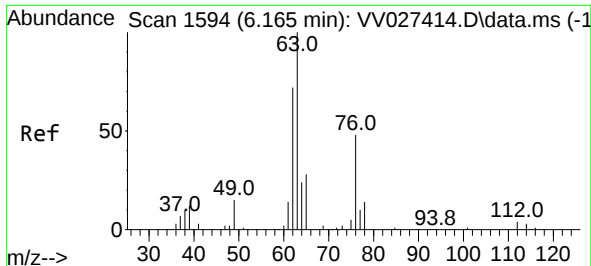
Ion Ratio Lower Upper

83 100

55 59.0 67.0 100.6#

98 38.6 38.7 58.1#

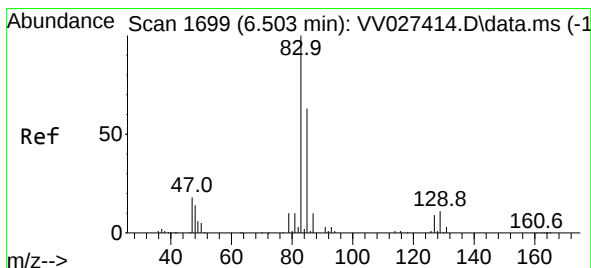
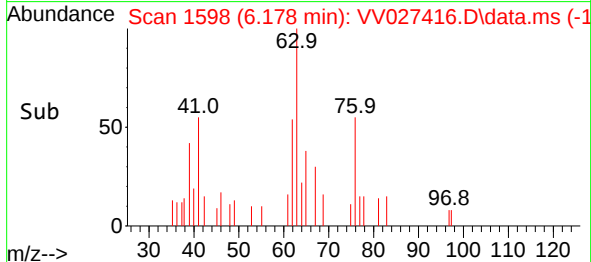
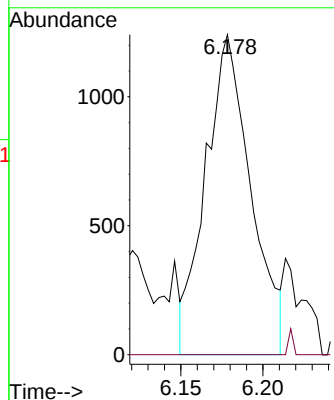
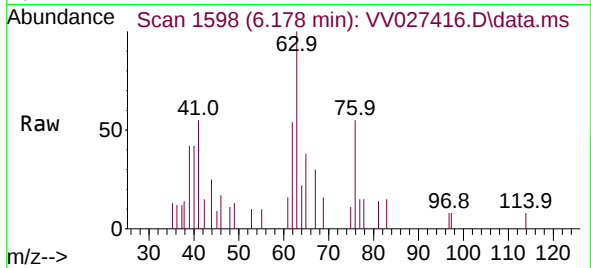




#37
1,2-Dichloropropane
Concen: 0.203 ug/L
RT: 6.178 min Scan# 11
Delta R.T. 0.013 min
Lab File: VV027416.D
Acq: 17 Aug 2022 11:54

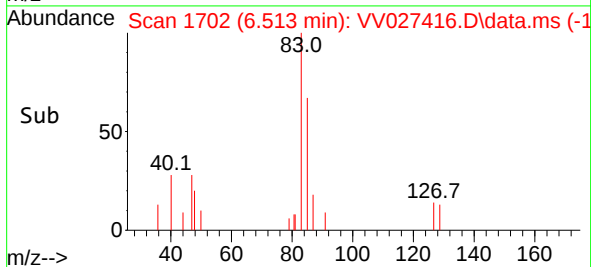
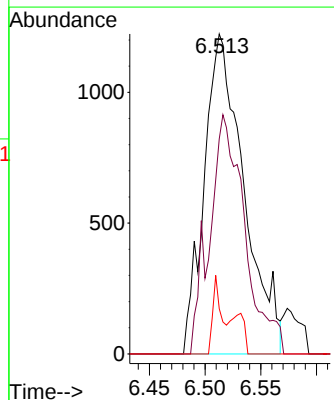
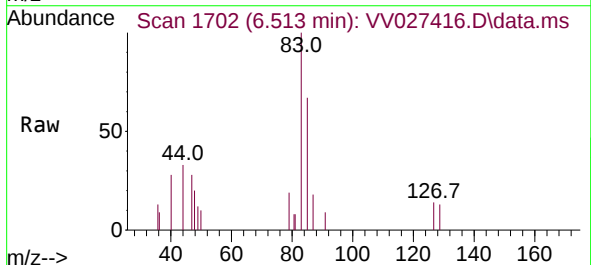
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2022-06

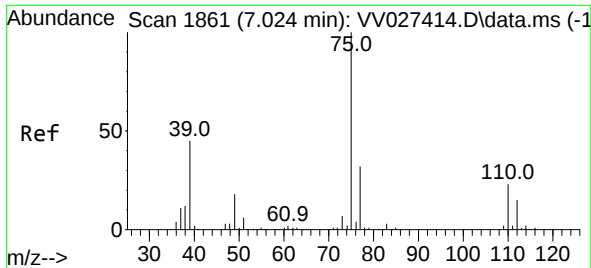
Tgt Ion: 63 Resp: 2385
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#



#38
Bromodichloromethane
Concen: 0.200 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.010 min
Lab File: VV027416.D
Acq: 17 Aug 2022 11:54

Tgt Ion: 83 Resp: 3036
Ion Ratio Lower Upper
83 100
85 67.2 45.4 84.4
127 14.1 7.0 10.6#





#39

cis-1,3-Dichloropropene

Concen: 0.202 ug/L

RT: 7.043 min Scan# 1861

Delta R.T. 0.019 min

Lab File: VV027416.D

Acq: 17 Aug 2022 11:54

Instrument :

MSVOA_V

ClientSampleId :

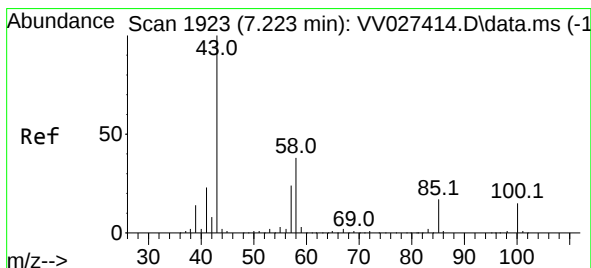
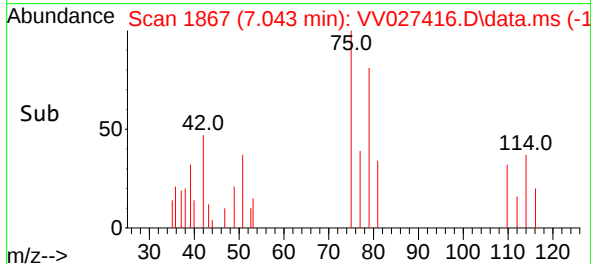
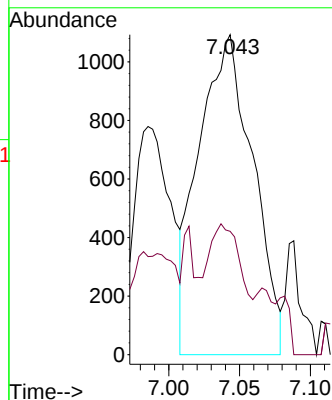
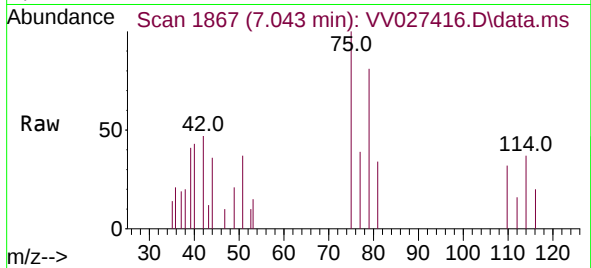
MDL-WATER-QT3-2022-06

Tgt Ion: 75 Resp: 2907

Ion Ratio Lower Upper

75 100

77 38.5 23.2 43.0



#40

4-Methyl-2-pentanone

Concen: 1.127 ug/L

RT: 7.236 min Scan# 1927

Delta R.T. 0.013 min

Lab File: VV027416.D

Acq: 17 Aug 2022 11:54

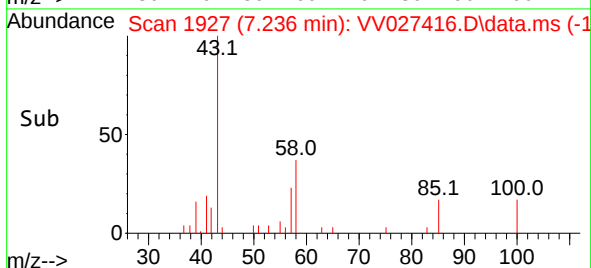
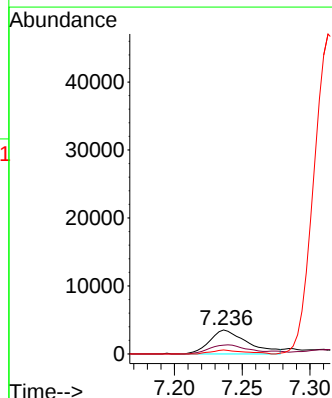
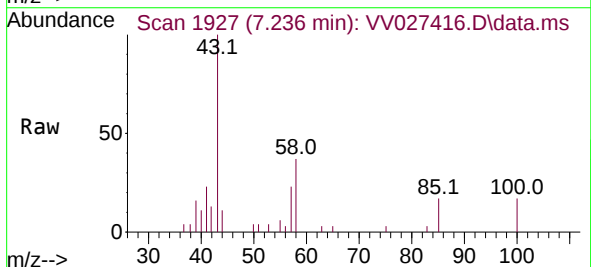
Tgt Ion: 43 Resp: 6849

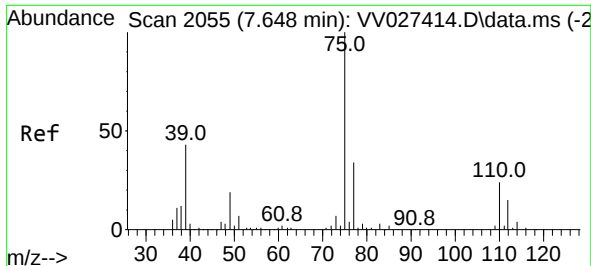
Ion Ratio Lower Upper

43 100

58 37.7 31.0 46.4

100 0.0 10.9 16.3

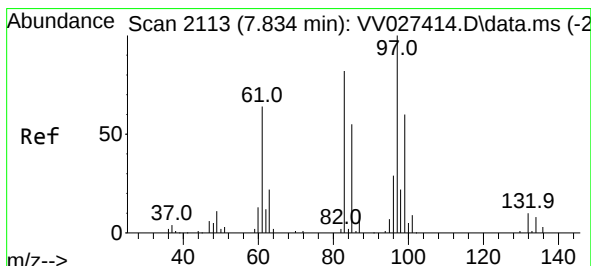
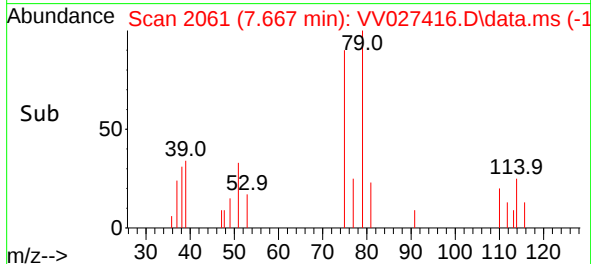
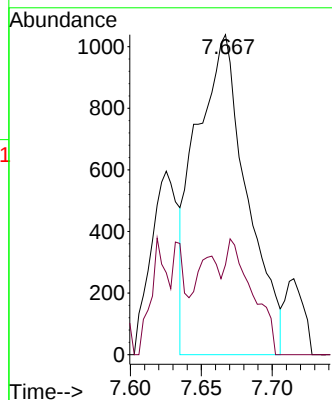
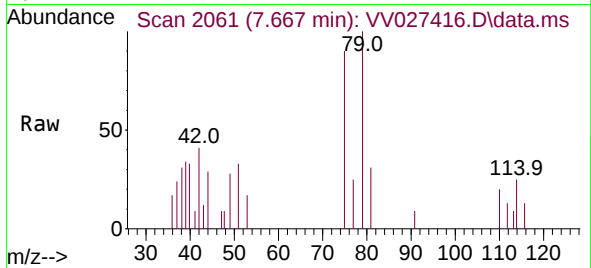




#44
trans-1,3-Dichloropropene
Concen: 0.206 ug/L
RT: 7.667 min Scan# 2055
Delta R.T. 0.019 min
Lab File: VV027416.D
Acq: 17 Aug 2022 11:54

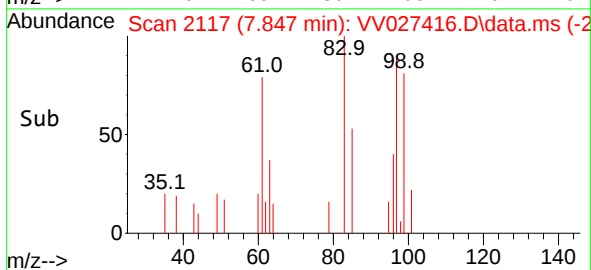
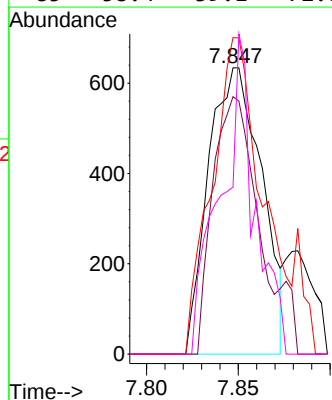
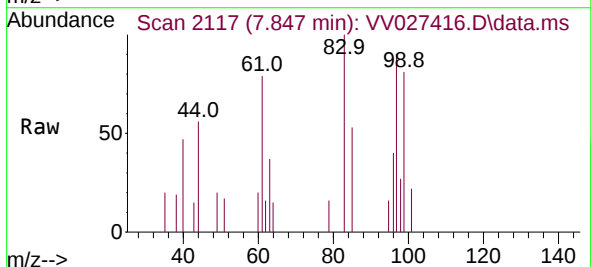
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2022-06

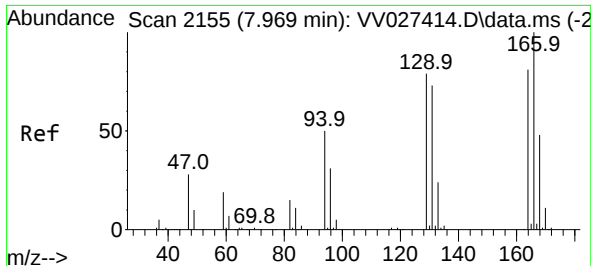
Tgt Ion: 75 Resp: 2595
Ion Ratio Lower Upper
75 100
77 28.1 21.9 40.7



#45
1,1,2-Trichloroethane
Concen: 0.152 ug/L
RT: 7.847 min Scan# 2117
Delta R.T. 0.013 min
Lab File: VV027416.D
Acq: 17 Aug 2022 11:54

Tgt Ion: 97 Resp: 1276
Ion Ratio Lower Upper
97 100
99 89.9 43.7 81.1#
83 110.6 59.8 111.0
85 58.4 39.1 72.7





#47

Tetrachloroethene

Concen: 0.233 ug/L

RT: 7.979 min Scan# 2155

Delta R.T. 0.010 min

Lab File: VV027416.D

Acq: 17 Aug 2022 11:54

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT3-2022-06

Tgt Ion:164 Resp: 2170

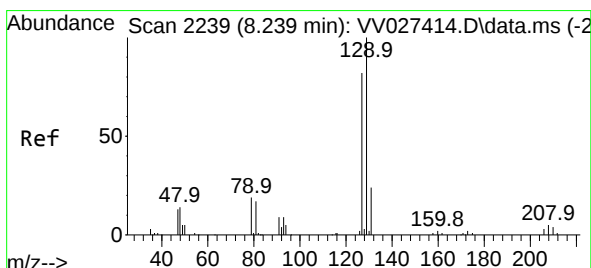
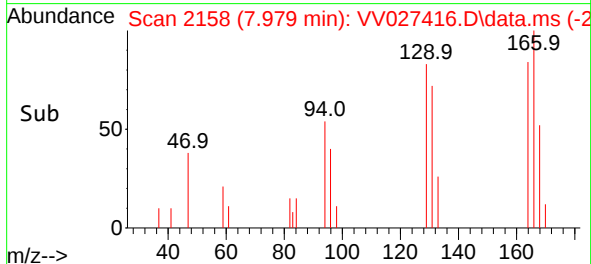
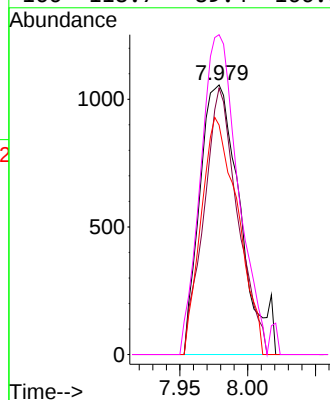
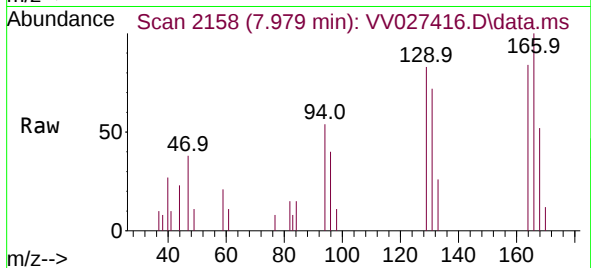
Ion Ratio Lower Upper

164 100

129 98.9 69.0 128.1

131 85.1 64.7 120.1

166 118.7 89.4 166.0



#49

Dibromochloromethane

Concen: 0.179 ug/L

RT: 8.249 min Scan# 2242

Delta R.T. 0.010 min

Lab File: VV027416.D

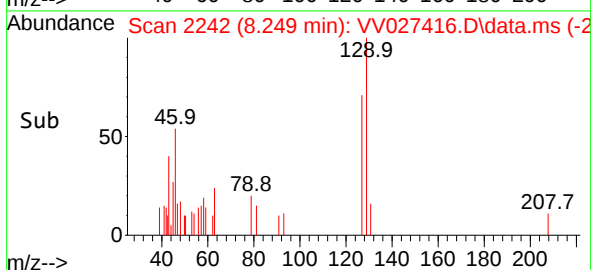
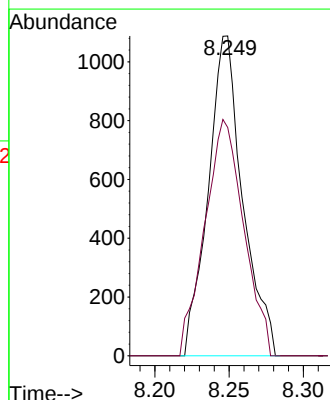
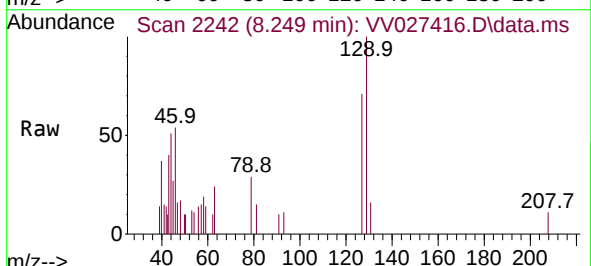
Acq: 17 Aug 2022 11:54

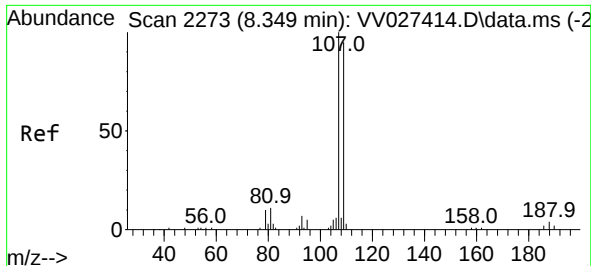
Tgt Ion:129 Resp: 1763

Ion Ratio Lower Upper

129 100

127 71.4 54.5 101.3





#50

1,2-Dibromoethane

Concen: 0.173 ug/L

RT: 8.358 min Scan# 21

Delta R.T. 0.010 min

Lab File: VV027416.D

Acq: 17 Aug 2022 11:54

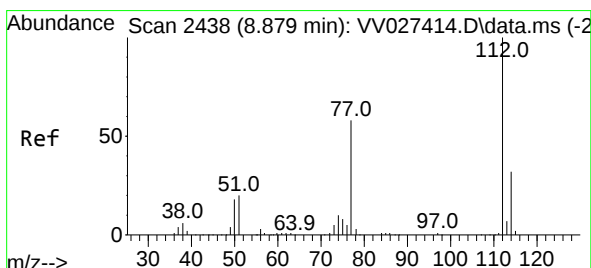
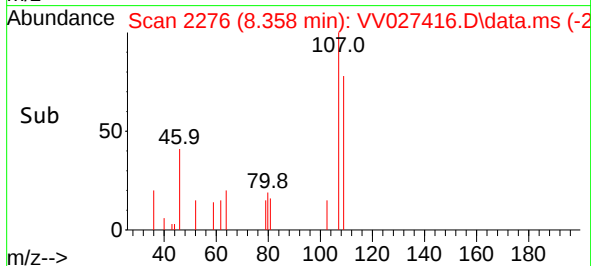
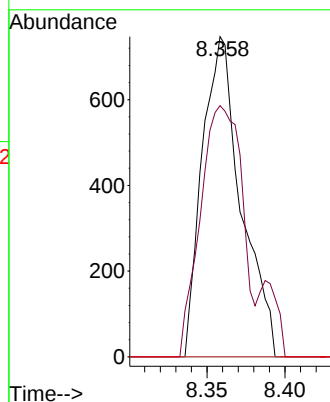
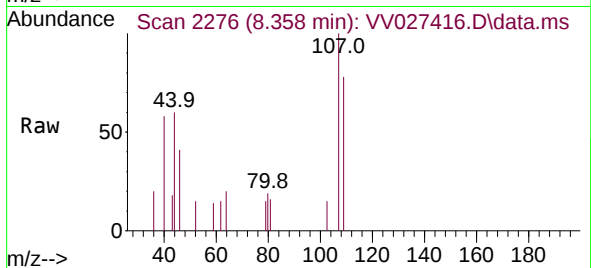
Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT3-2022-06

Tgt Ion:107	Resp:	1295
Ion Ratio	Lower	Upper
107	100	
109	78.4	66.1 122.8
188	0.0	3.4 5.2#



#51

Chlorobenzene

Concen: 0.193 ug/L

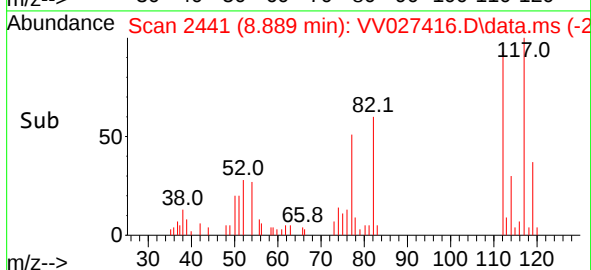
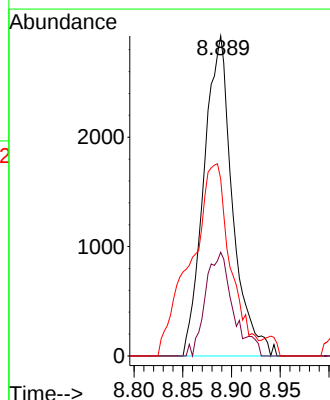
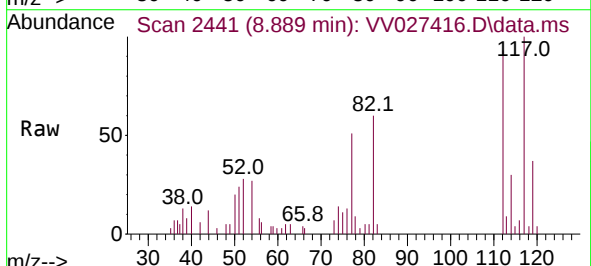
RT: 8.889 min Scan# 2441

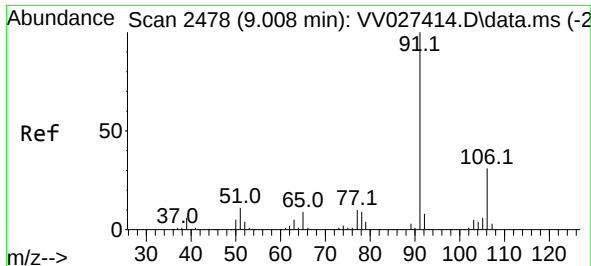
Delta R.T. 0.010 min

Lab File: VV027416.D

Acq: 17 Aug 2022 11:54

Tgt Ion:112	Resp:	5979
Ion Ratio	Lower	Upper
112	100	
114	32.4	22.5 41.9
77	55.3	46.4 69.6

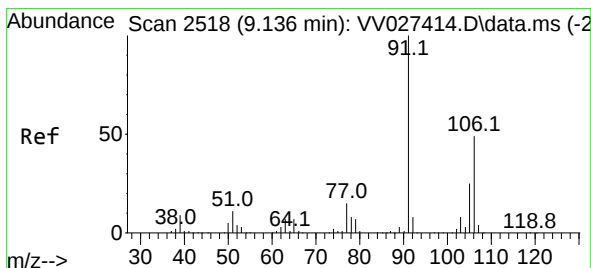
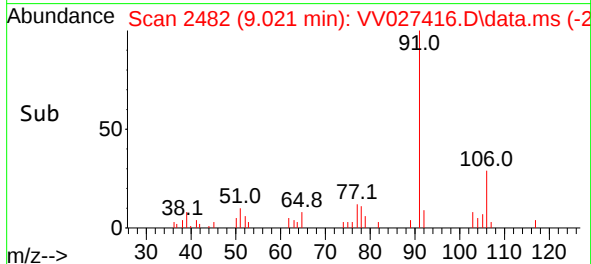
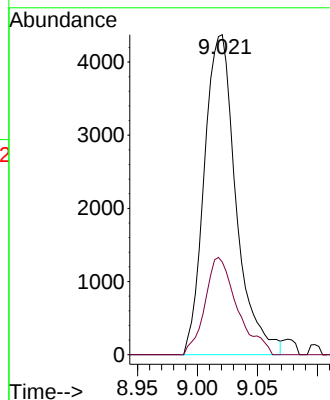
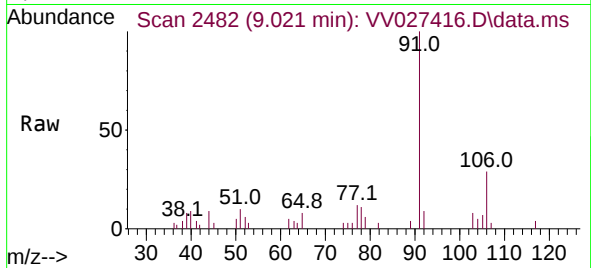




#52
Ethylbenzene
Concen: 0.169 ug/L
RT: 9.021 min Scan# 2478
Delta R.T. 0.013 min
Lab File: VV027416.D
Acq: 17 Aug 2022 11:54

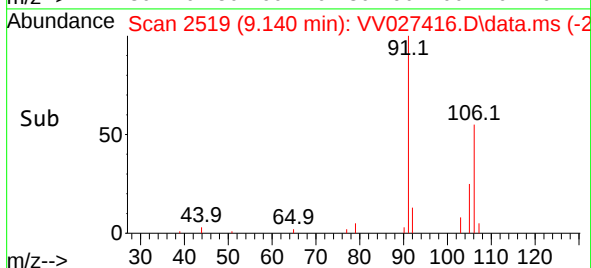
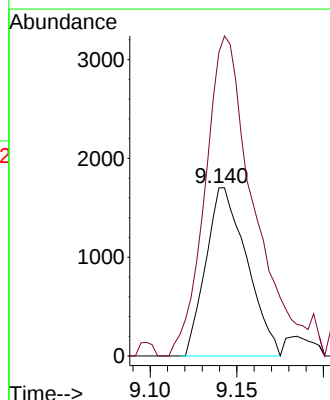
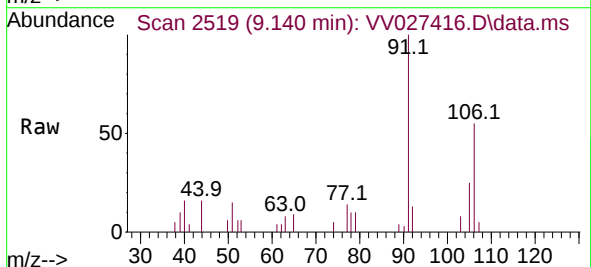
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2022-06

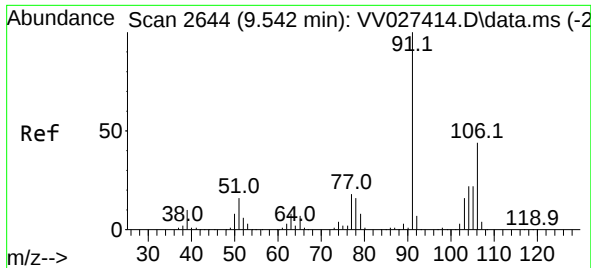
Tgt Ion: 91 Resp: 8057
Ion Ratio Lower Upper
91 100
106 29.0 21.5 39.9



#53
m,p-Xylene
Concen: 0.153 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.003 min
Lab File: VV027416.D
Acq: 17 Aug 2022 11:54

Tgt Ion: 106 Resp: 2793
Ion Ratio Lower Upper
106 100
91 180.6 141.5 262.9

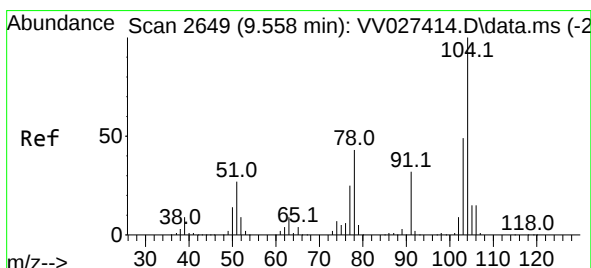
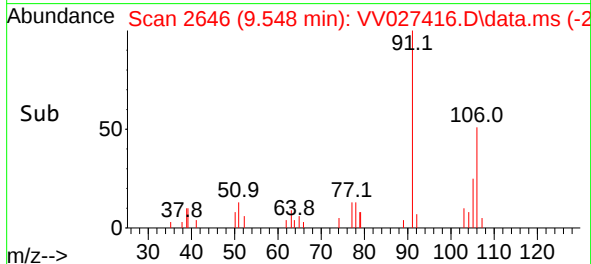
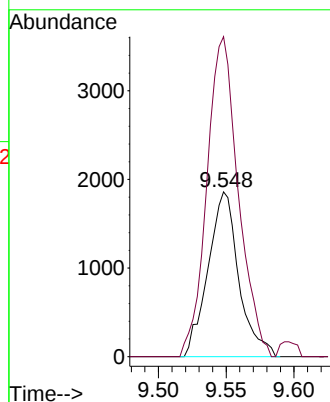
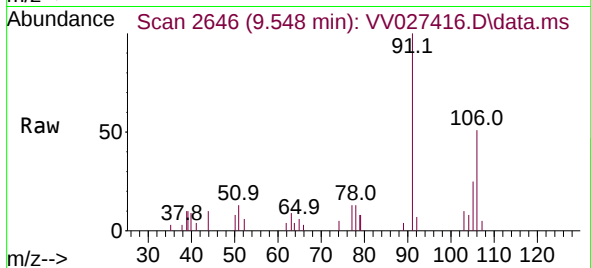




#54
o-Xylene
Concen: 0.165 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.006 min
Lab File: VV027416.D
Acq: 17 Aug 2022 11:54

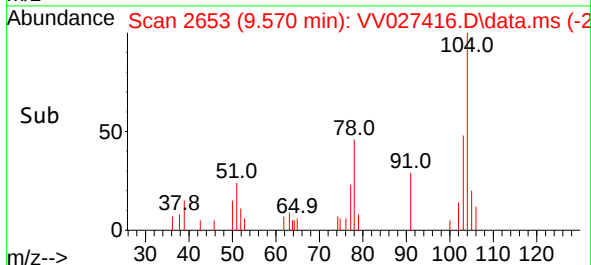
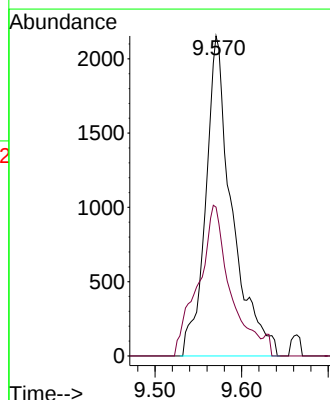
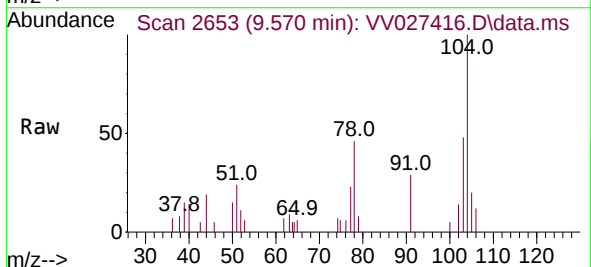
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2022-06

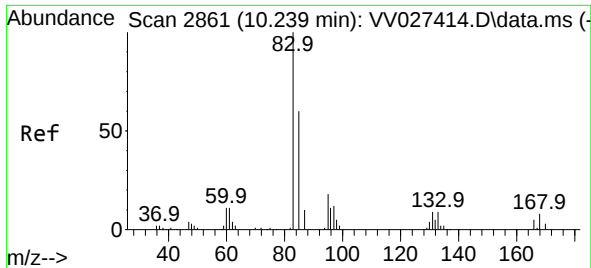
Tgt Ion:106 Resp: 2935
Ion Ratio Lower Upper
106 100
91 194.2 153.2 284.4



#55
Styrene
Concen: 0.148 ug/L
RT: 9.570 min Scan# 2653
Delta R.T. 0.013 min
Lab File: VV027416.D
Acq: 17 Aug 2022 11:54

Tgt Ion:104 Resp: 4549
Ion Ratio Lower Upper
104 100
78 46.5 30.7 57.1





#57

1,1,2,2-Tetrachloroethane

Concen: 0.210 ug/L

RT: 10.239 min Scan# 2861

Delta R.T. -0.000 min

Lab File: VV027416.D

Acq: 17 Aug 2022 11:54

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT3-2022-06

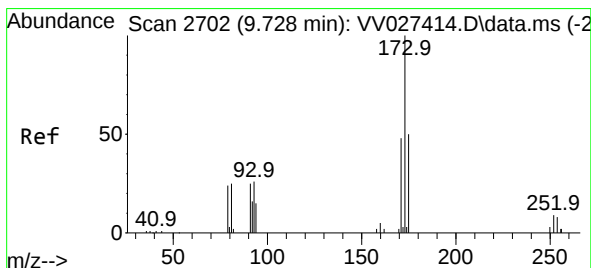
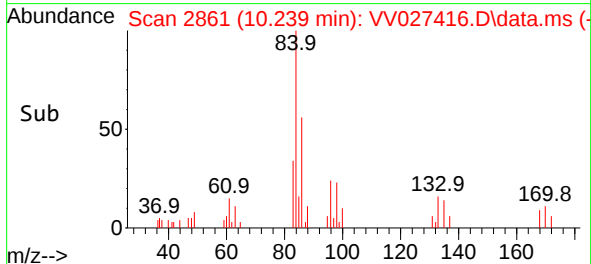
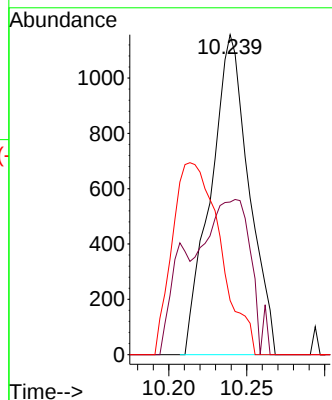
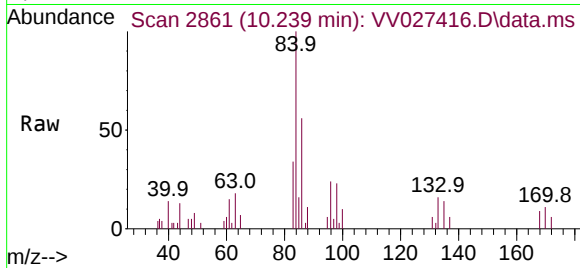
Tgt Ion: 83 Resp: 1963

Ion Ratio Lower Upper

83 100

85 47.7 43.3 80.3

131 16.9 7.7 11.5#



#59

Bromoform

Concen: 0.217 ug/L

RT: 9.738 min Scan# 2705

Delta R.T. 0.010 min

Lab File: VV027416.D

Acq: 17 Aug 2022 11:54

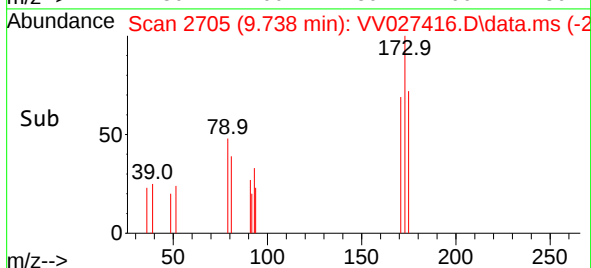
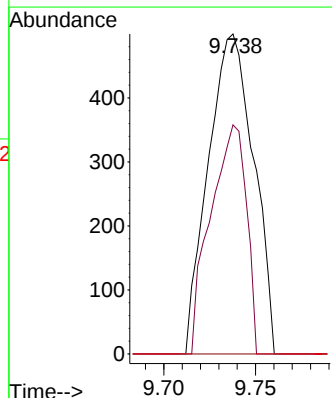
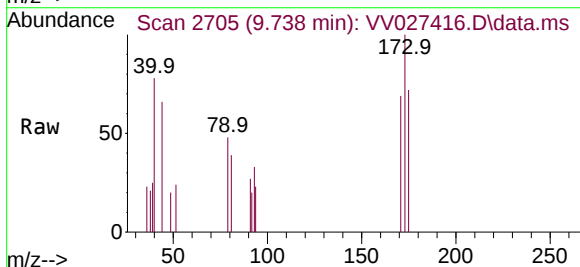
Tgt Ion: 173 Resp: 859

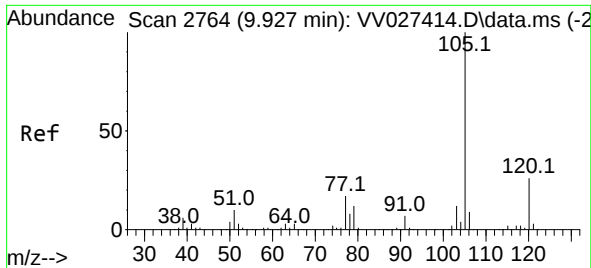
Ion Ratio Lower Upper

173 100

175 56.5 38.2 57.2

254 0.0 6.5 9.7#

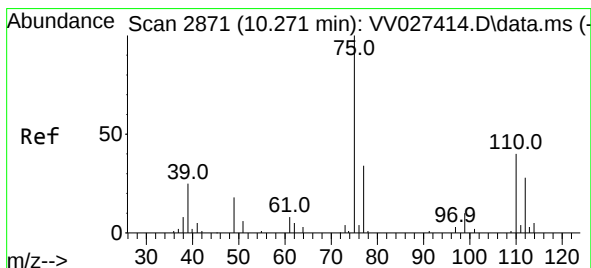
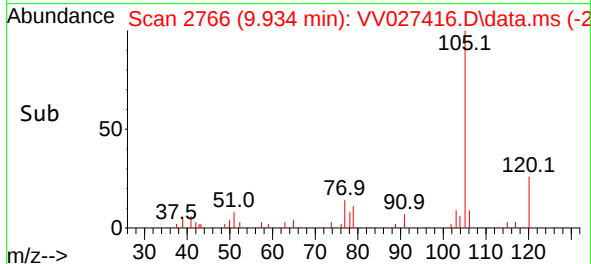
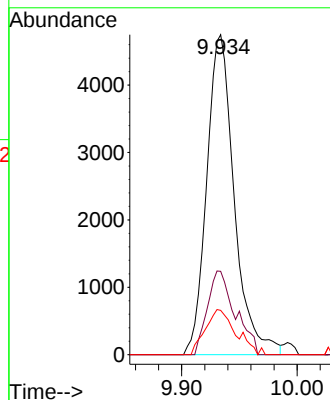
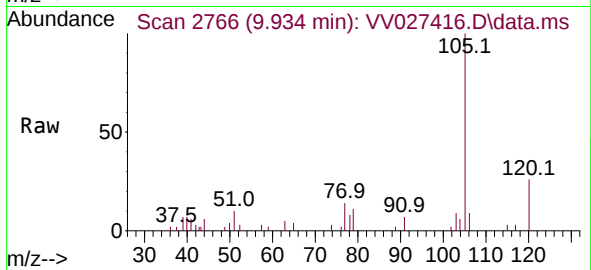




#60
Isopropylbenzene
Concen: 0.213 ug/L
RT: 9.934 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV027416.D
Acq: 17 Aug 2022 11:54

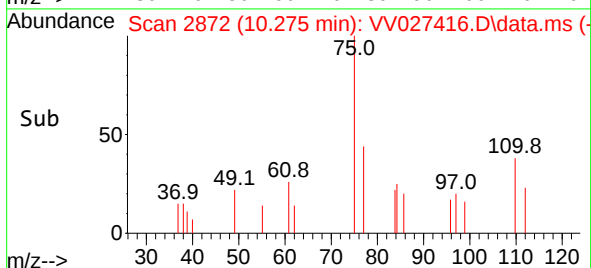
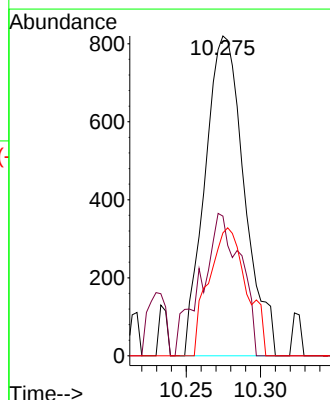
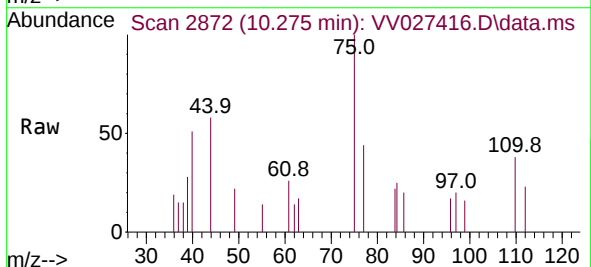
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2022-06

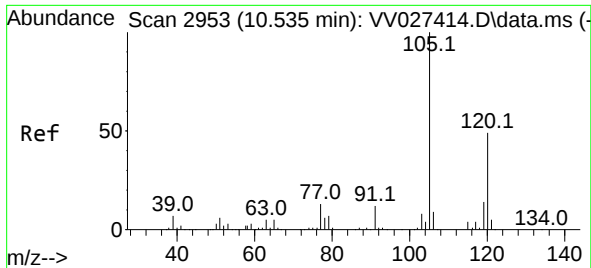
Tgt Ion:105 Resp: 7871
Ion Ratio Lower Upper
105 100
120 26.5 21.0 31.4
77 15.6 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 0.267 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.003 min
Lab File: VV027416.D
Acq: 17 Aug 2022 11:54

Tgt Ion: 75 Resp: 1513
Ion Ratio Lower Upper
75 100
77 44.6 26.6 39.8#
110 38.6 31.0 46.6

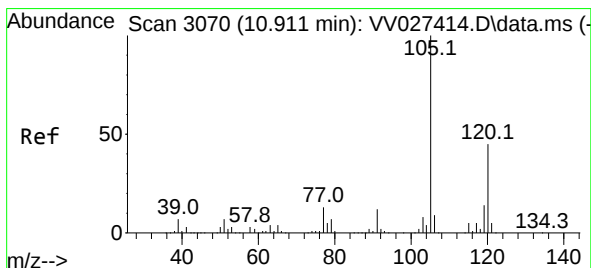
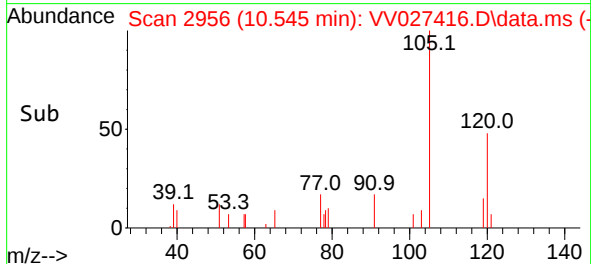
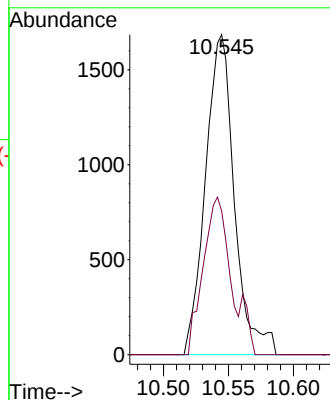
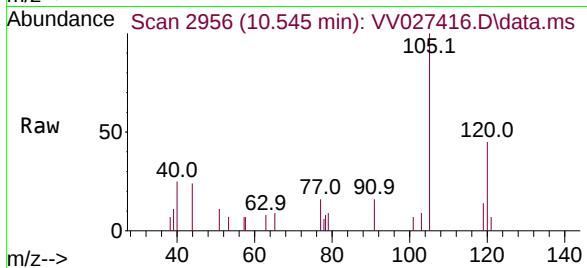




#62
1,3,5-Trimethylbenzene
Concen: 0.255 ug/L
RT: 10.545 min Scan# 2953
Delta R.T. 0.010 min
Lab File: VV027416.D
Acq: 17 Aug 2022 11:54

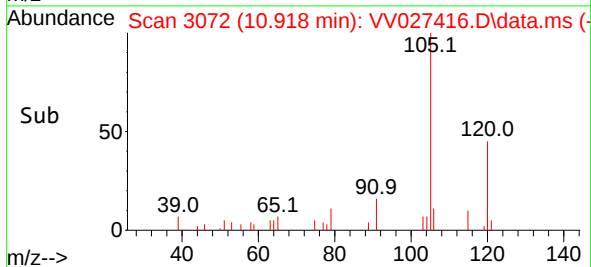
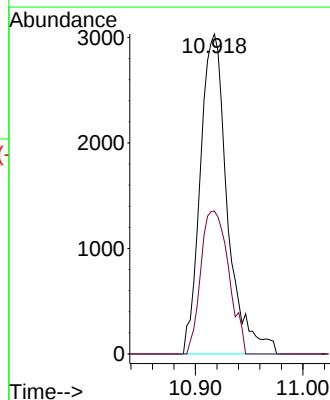
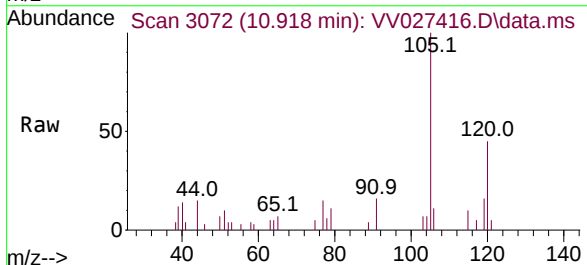
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2022-06

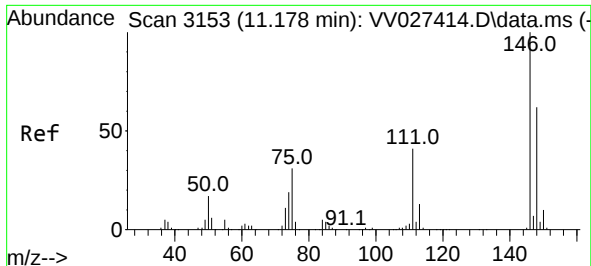
Tgt Ion:105 Resp: 2609
Ion Ratio Lower Upper
105 100
120 43.3 38.2 57.4



#63
1,2,4-Trimethylbenzene
Concen: 0.181 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.006 min
Lab File: VV027416.D
Acq: 17 Aug 2022 11:54

Tgt Ion:105 Resp: 5317
Ion Ratio Lower Upper
105 100
120 45.9 36.2 54.2

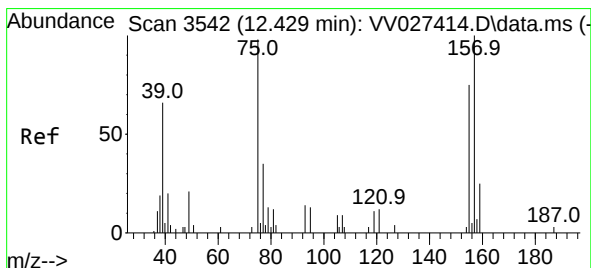
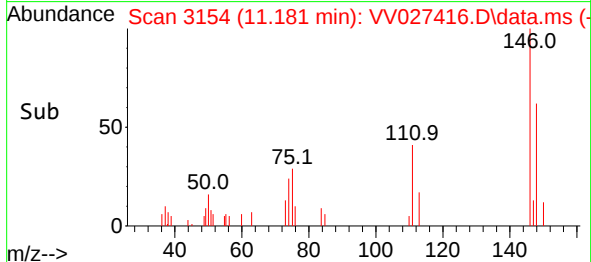
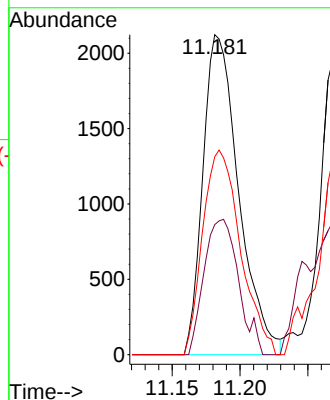
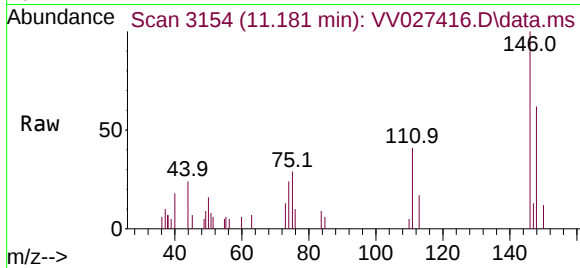




#64
1,3-Dichlorobenzene
Concen: 0.211 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. 0.003 min
Lab File: VV027416.D
Acq: 17 Aug 2022 11:54

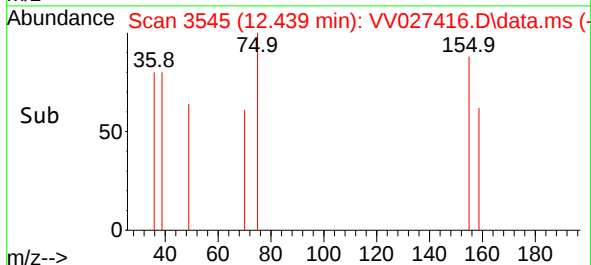
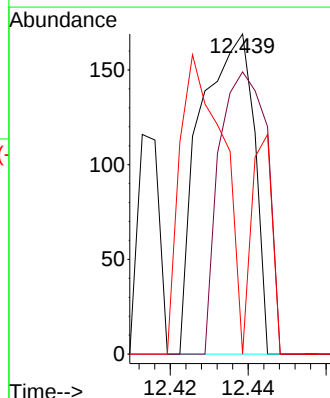
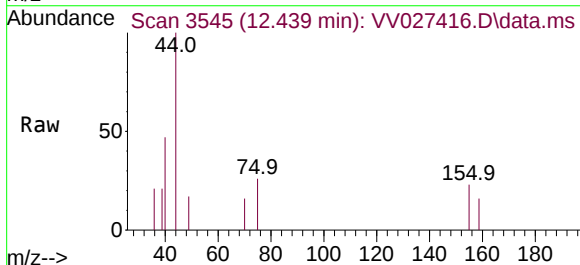
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2022-06

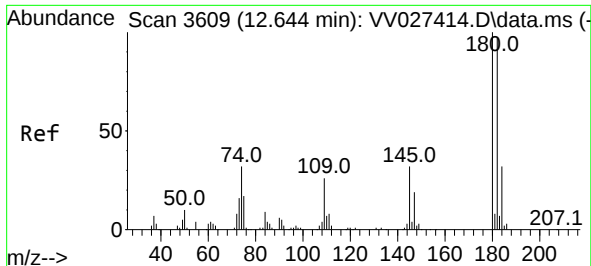
Tgt Ion:	146	Resp:	3898
Ion	Ratio	Lower	Upper
146	100		
111	40.7	28.8	53.4
148	61.8	45.4	84.4



#68
1,2-Dibromo-3-chloropropane
Concen: 0.138 ug/L
RT: 12.439 min Scan# 3545
Delta R.T. 0.010 min
Lab File: VV027416.D
Acq: 17 Aug 2022 11:54

Tgt Ion:	75	Resp:	163
Ion	Ratio	Lower	Upper
75	100		
155	88.2	65.8	98.6
157	0.0	73.0	109.4#

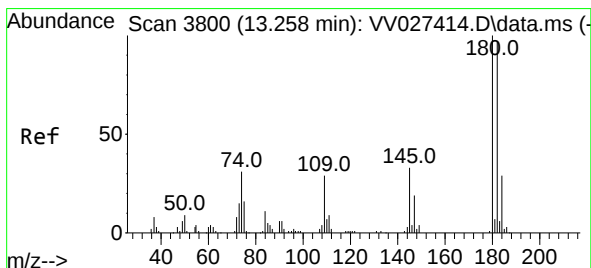
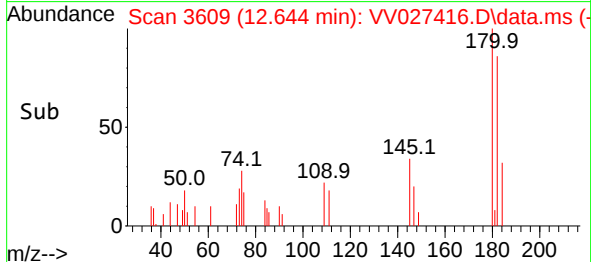
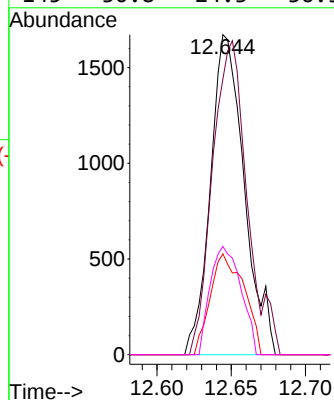
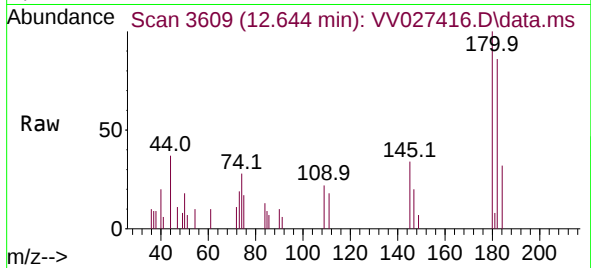




#69
 1,3,5-Trichlorobenzene
 Concen: 0.198 ug/L
 RT: 12.644 min Scan# 30
 Delta R.T. -0.000 min
 Lab File: VV027416.D
 Acq: 17 Aug 2022 11:54

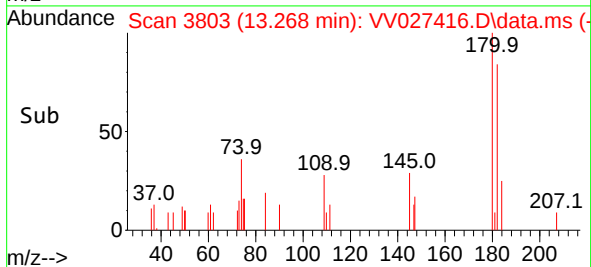
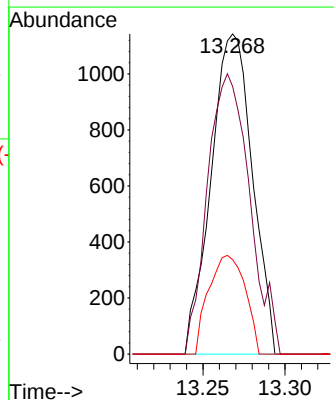
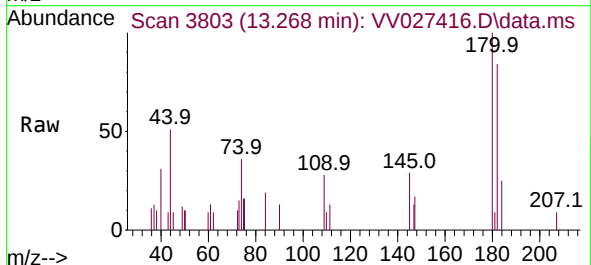
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT3-2022-06

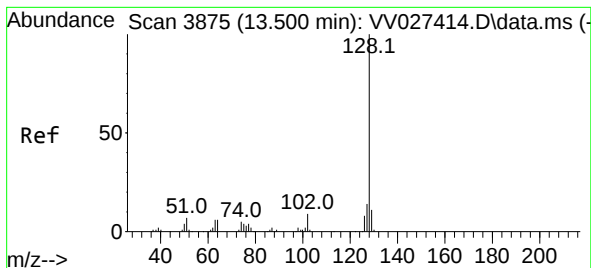
Tgt Ion:180	Resp:	2647
Ion Ratio	Lower	Upper
180	100	
182	100.2	74.7 112.1
184	31.5	23.3 34.9
145	30.8	24.3 36.5



#70
 1,2,4-trichlorobenzene
 Concen: 0.201 ug/L
 RT: 13.268 min Scan# 3803
 Delta R.T. 0.010 min
 Lab File: VV027416.D
 Acq: 17 Aug 2022 11:54

Tgt Ion:180	Resp:	2004
Ion Ratio	Lower	Upper
180	100	
182	89.3	77.4 116.0
145	27.1	24.9 37.3





#71

Naphthalene

Concen: 0.182 ug/L

RT: 13.509 min Scan# 3875

Delta R.T. 0.010 min

Lab File: VV027416.D

Acq: 17 Aug 2022 11:54

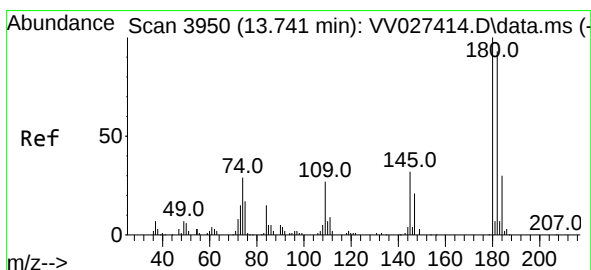
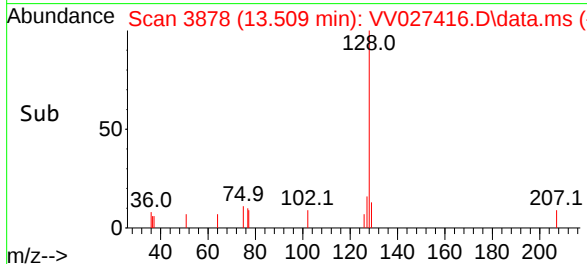
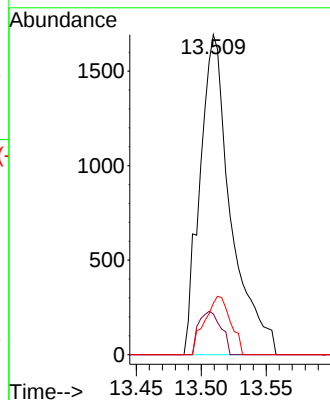
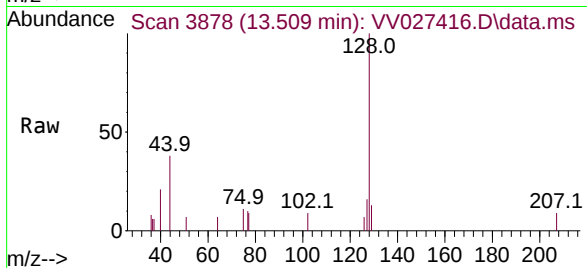
Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT3-2022-06

Tgt Ion:	128	Resp:	2796
Ion	Ratio	Lower	Upper
128	100		
129	9.8	9.0	13.4
127	15.2	10.6	15.8



#72

1,2,3-Trichlorobenzene

Concen: 0.164 ug/L

RT: 13.747 min Scan# 3952

Delta R.T. 0.006 min

Lab File: VV027416.D

Acq: 17 Aug 2022 11:54

Tgt Ion:	180	Resp:	1523
Ion	Ratio	Lower	Upper
180	100		
182	111.2	73.8	110.6#
145	20.5	27.0	40.4#

