

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021822\
 Data File : VW024747.D
 Acq On : 18 Feb 2022 12:36
 Operator : SY/MD
 Sample : N1331-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT1-2022-01

Quant Time: Feb 19 00:44:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR021722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Feb 19 00:43:23 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	163184	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	149255	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	66472	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	63743	4.605	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.200%
7) Chloroethane-d5	1.568	69	54665	4.814	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.200%
11) 1,1-Dichloroethene-d2	2.108	63	88586	3.493	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.800%
20) 2-Butanone-d5	3.895	46	99502	50.329	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.660%
24) Chloroform-d	4.349	84	101790	4.713	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
26) 1,2-Dichloroethane-d4	5.034	65	47904	4.976	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.600%
32) Benzene-d6	5.050	84	215124	4.996	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
36) 1,2-Dichloropropane-d6	6.069	67	65865	5.198	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.000%
41) Toluene-d8	7.313	98	189210	4.836	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.800%
43) trans-1,3-Dichloroprop...	7.622	79	20020	4.743	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.800%
46) 2-Hexanone-d5	8.088	63	78680	47.369	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.740%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	36504	4.780	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	59087	5.137	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	3081	0.194	ug/L	100
3) Chloromethane	1.243	50	3239	0.204	ug/L	100
5) Vinyl chloride	1.310	62	3648	0.209	ug/L #	65
6) Bromomethane	1.523	94	2625	0.252	ug/L	93
8) Chloroethane	1.584	64	2376	0.221	ug/L	98
9) Trichlorofluoromethane	1.754	101	4572	0.200	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	3457	0.260	ug/L #	83
12) 1,1-Dichloroethene	2.117	96	3162	0.249	ug/L #	1
14) Carbon disulfide	2.294	76	6498	0.182	ug/L	97
16) Methylene chloride	2.510	84	4497	0.359	ug/L	94
17) Methyl tert-butyl Ether	2.770	73	4635	0.186	ug/L #	93
18) trans-1,2-Dichloroethene	2.770	96	2402	0.194	ug/L	77
19) 1,1-Dichloroethane	3.198	63	4416	0.194	ug/L	95
21) 2-Butanone	4.008	43	2769	1.285	ug/L	80
22) cis-1,2-Dichloroethene	3.912	96	2561	0.195	ug/L	92
23) Bromochloromethane	4.265	128	900	0.177	ug/L #	86
25) Chloroform	4.375	83	8240	0.347	ug/L	91
27) 1,2-Dichloroethane	5.140	62	2494	0.197	ug/L #	73
29) 1,1,1-Trichloroethane	4.612	97	3932	0.196	ug/L	95

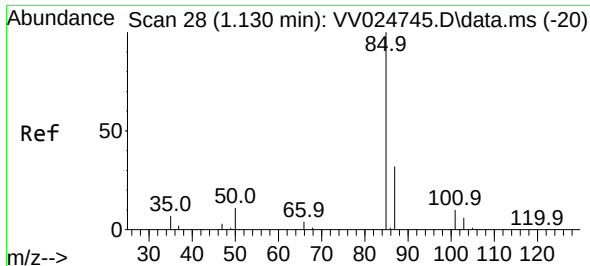
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Quant Time: Feb 19 00:44:02 2022
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Feb 19 00:43:23 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) Cyclohexane	4.674	56	3814	0.188	ug/L	88
31) Carbon tetrachloride	4.825	117	3191	0.189	ug/L	99
33) Benzene	5.101	78	9183	0.182	ug/L	100
34) Trichloroethene	5.921	95	2715	0.203	ug/L	93
35) Methylcyclohexane	6.124	83	4367	0.202	ug/L	98
37) 1,2-Dichloropropane	6.178	63	2498	0.209	ug/L #	86
38) Bromodichloromethane	6.519	83	2927	0.195	ug/L	91
39) cis-1,3-Dichloropropene	7.037	75	3089	0.187	ug/L	100
40) 4-Methyl-2-pentanone	7.233	43	9737	1.714	ug/L #	86
42) Toluene	7.390	91	12460	0.232	ug/L	98
44) trans-1,3-Dichloropropene	7.667	75	2176	0.164	ug/L	98
45) 1,1,2-Trichloroethane	7.844	97	1450	0.187	ug/L	97
47) Tetrachloroethene	7.976	164	1848	0.203	ug/L	91
49) Dibromochloromethane	8.252	129	1381	0.160	ug/L	99
50) 1,2-Dibromoethane	8.355	107	1097	0.155	ug/L #	98
51) Chlorobenzene	8.886	112	6421	0.191	ug/L	98
52) Ethylbenzene	9.017	91	10632	0.181	ug/L	96
53) m,p-xylene	9.140	106	3857	0.174	ug/L	91
54) o-xylene	9.545	106	3596	0.166	ug/L	98
55) Styrene	9.567	104	5974	0.169	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.239	83	1678	0.204	ug/L #	90
59) Bromoform	9.731	173	459	0.136	ug/L #	77
60) Isopropylbenzene	9.931	105	9693	0.176	ug/L	97
61) 1,2,3-Trichloropropane	10.275	75	1232	0.205	ug/L	92
62) 1,3,5-Trimethylbenzene	10.538	105	7775	0.170	ug/L	98
63) 1,2,4-Trimethylbenzene	10.914	105	7896	0.174	ug/L	95
64) 1,3-Dichlorobenzene	11.185	146	4390	0.189	ug/L	93
69) 1,3,5-Trichlorobenzene	12.648	180	3317	0.202	ug/L	95
70) 1,2,4-trichlorobenzene	13.265	180	2345	0.181	ug/L	92
71) Naphthalene	13.506	128	3881	0.176	ug/L	94
72) 1,2,3-Trichlorobenzene	13.744	180	1921	0.177	ug/L	98

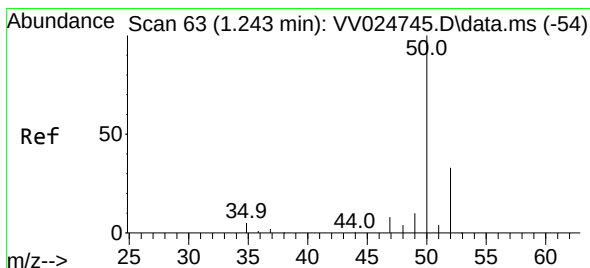
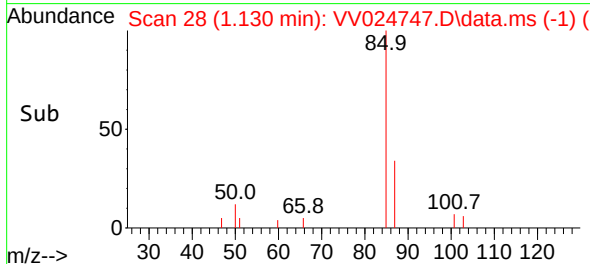
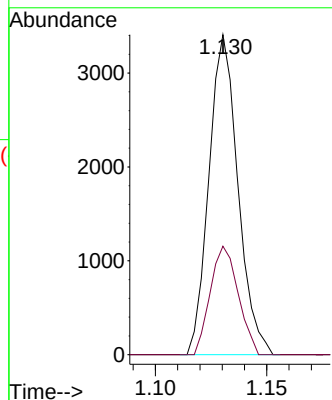
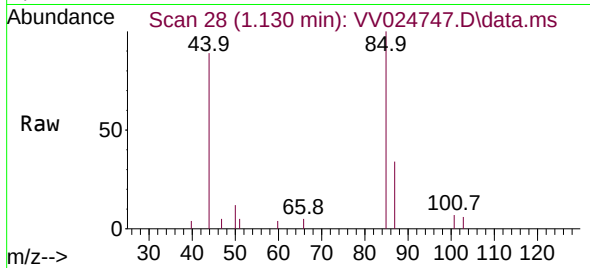
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 0.194 ug/L
RT: 1.130 min Scan# 28
Delta R.T. -0.000 min
Lab File: VV024747.D
Acq: 18 Feb 2022 12:36

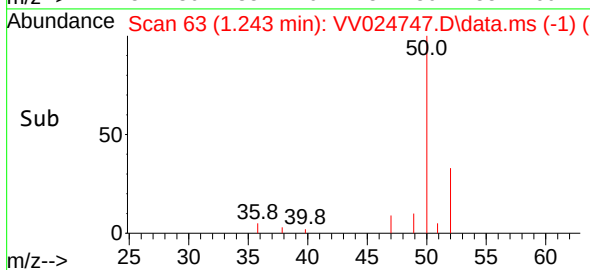
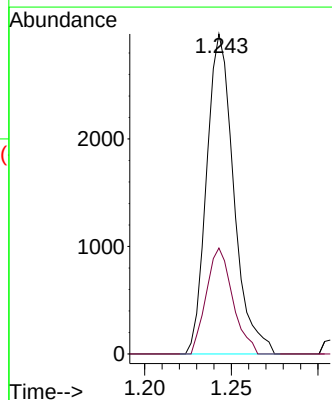
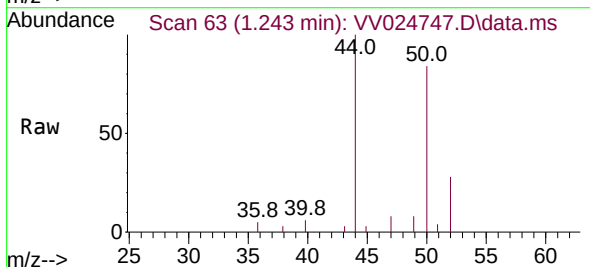
Instrument :
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ClientSampleId :
MDL-WATER-QT1-2022-01

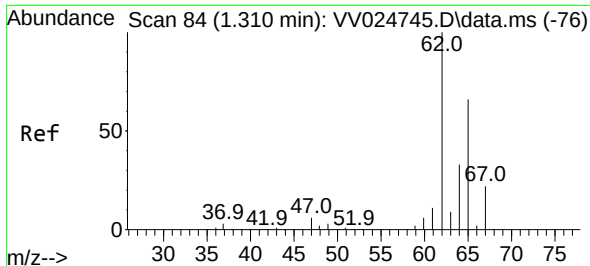
Tgt Ion: 85 Resp: 3081
Ion Ratio Lower Upper
85 100
87 32.6 25.9 38.9



#3
Chloromethane
Concen: 0.204 ug/L
RT: 1.243 min Scan# 63
Delta R.T. -0.000 min
Lab File: VV024747.D
Acq: 18 Feb 2022 12:36

Tgt Ion: 50 Resp: 3239
Ion Ratio Lower Upper
50 100
52 33.1 23.3 43.3

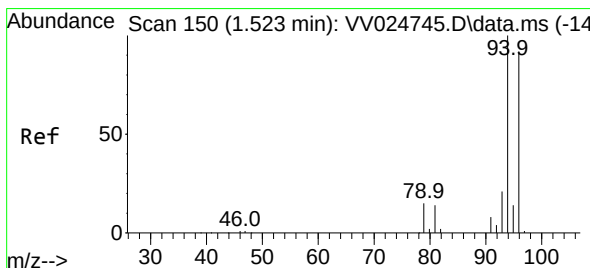
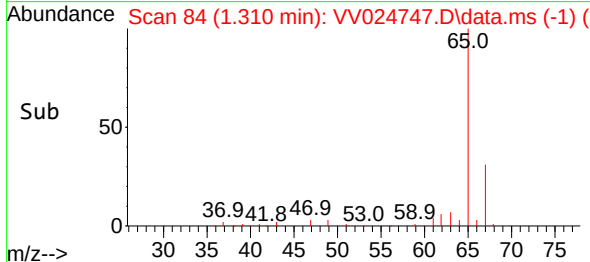
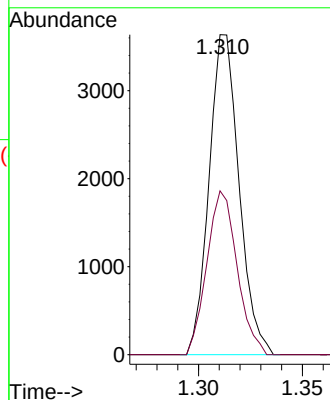
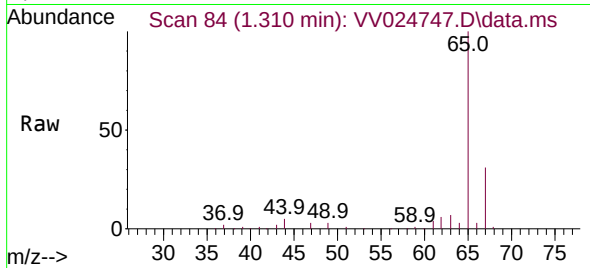




#5
 Vinyl chloride
 Concen: 0.209 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV024747.D
 Acq: 18 Feb 2022 12:36

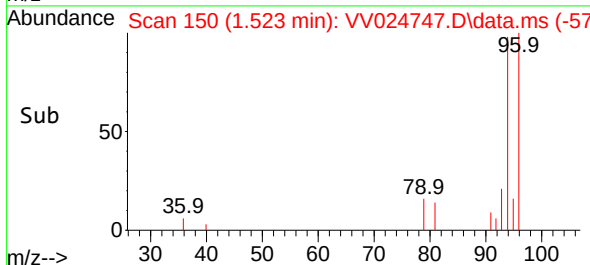
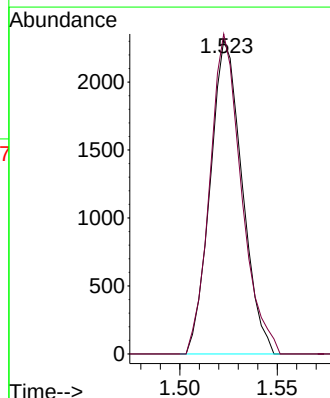
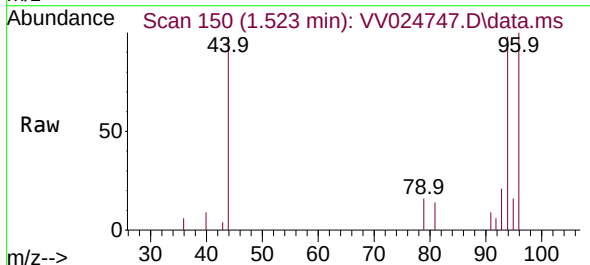
Instrument :
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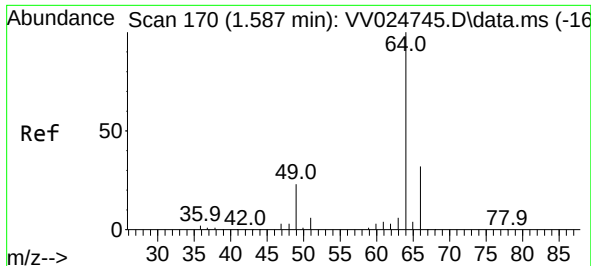
Tgt Ion: 62 Resp: 3648
 Ion Ratio Lower Upper
 62 100
 64 51.2 22.2 41.2#



#6
 Bromomethane
 Concen: 0.252 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. -0.000 min
 Lab File: VV024747.D
 Acq: 18 Feb 2022 12:36

Tgt Ion: 94 Resp: 2625
 Ion Ratio Lower Upper
 94 100
 96 101.9 66.5 123.5

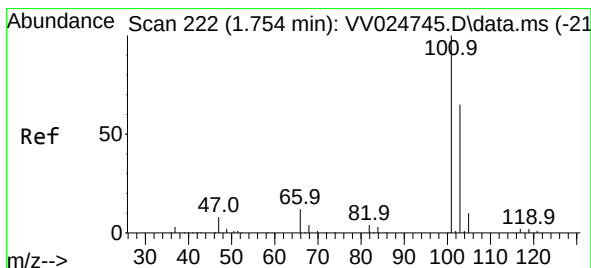
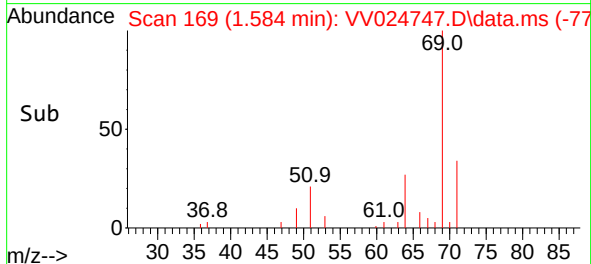
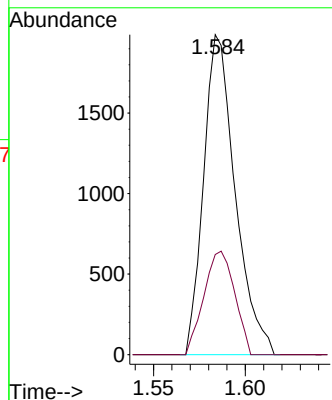
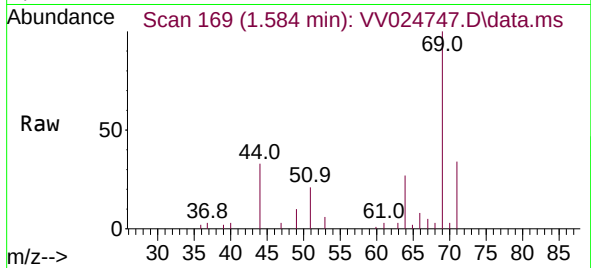




#8
Chloroethane
Concen: 0.221 ug/L
RT: 1.584 min Scan# 170
Delta R.T. -0.003 min
Lab File: VV024747.D
Acq: 18 Feb 2022 12:36

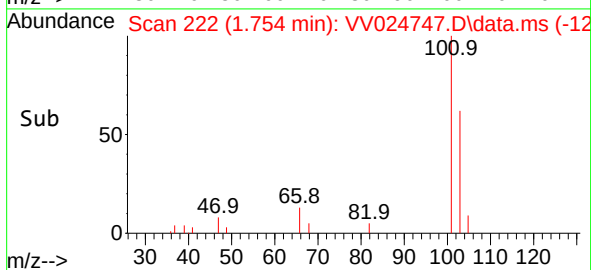
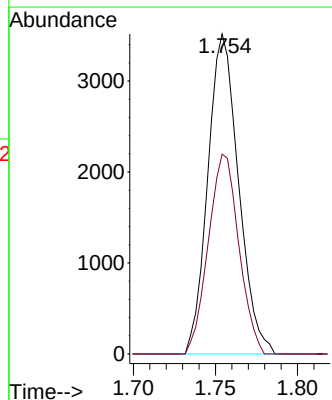
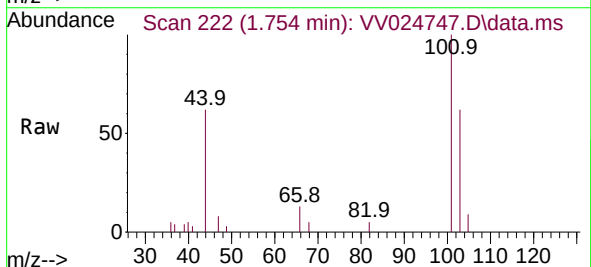
Instrument :
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ClientSampleId :
MDL-WATER-QT1-2022-01

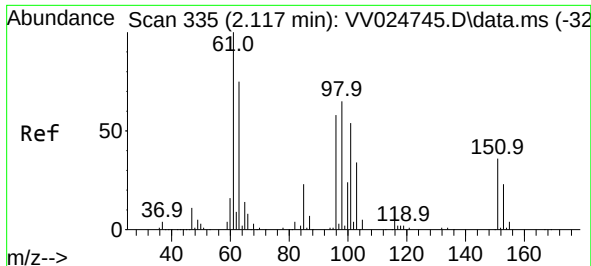
Tgt Ion: 64 Resp: 2376
Ion Ratio Lower Upper
64 100
66 31.3 22.5 41.9



#9
Trichlorofluoromethane
Concen: 0.200 ug/L
RT: 1.754 min Scan# 222
Delta R.T. -0.000 min
Lab File: VV024747.D
Acq: 18 Feb 2022 12:36

Tgt Ion: 101 Resp: 4572
Ion Ratio Lower Upper
101 100
103 61.9 50.7 76.1

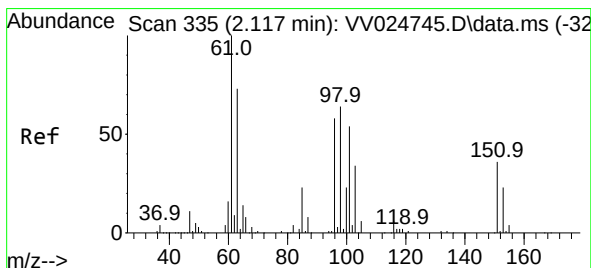
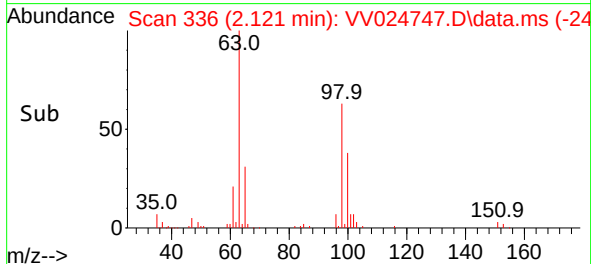
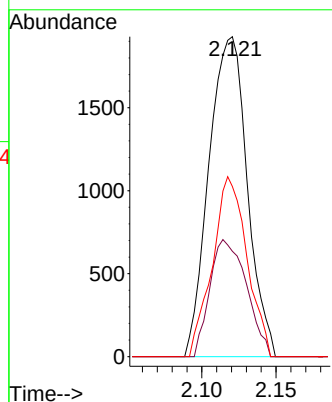
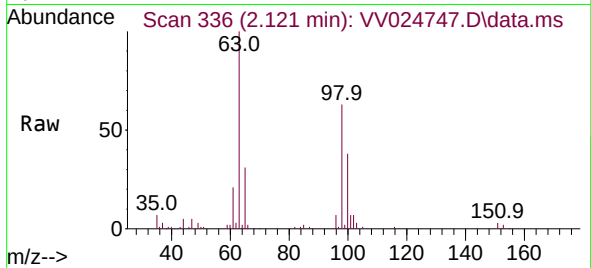




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.260 ug/L
 RT: 2.121 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VV024747.D
 Acq: 18 Feb 2022 12:36

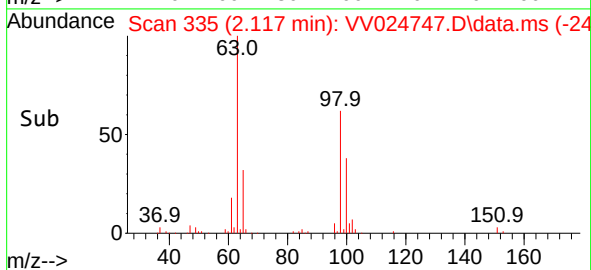
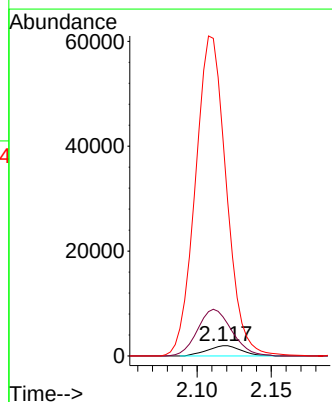
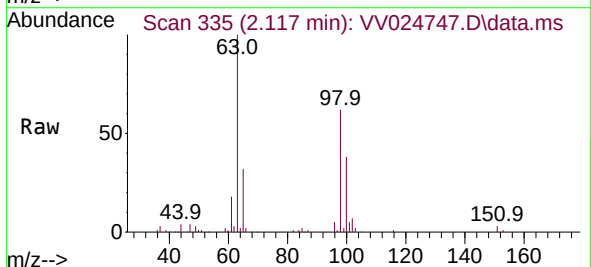
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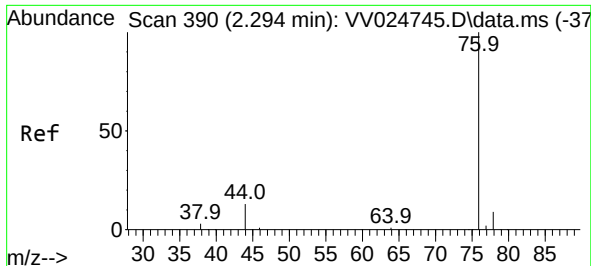
Tgt Ion:101 Resp: 3457
 Ion Ratio Lower Upper
 101 100
 85 35.0 34.7 52.1
 151 50.7 53.5 80.3#



#12
 1,1-Dichloroethene
 Concen: 0.249 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. -0.000 min
 Lab File: VV024747.D
 Acq: 18 Feb 2022 12:36

Tgt Ion: 96 Resp: 3162
 Ion Ratio Lower Upper
 96 100
 61 381.2 116.3 216.1#
 63 2119.1 86.0 159.6#

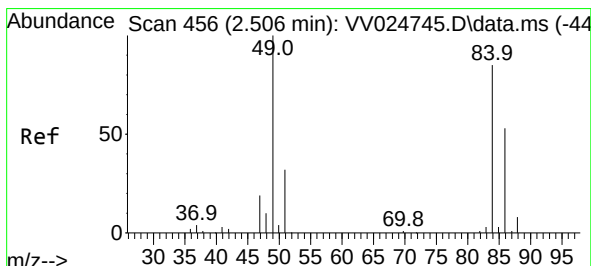
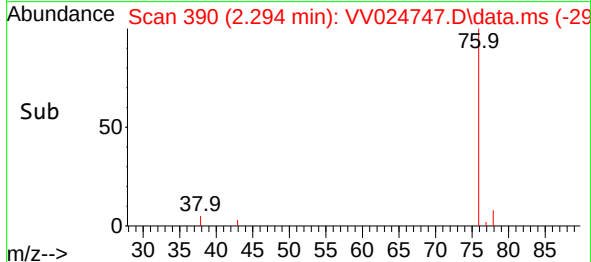
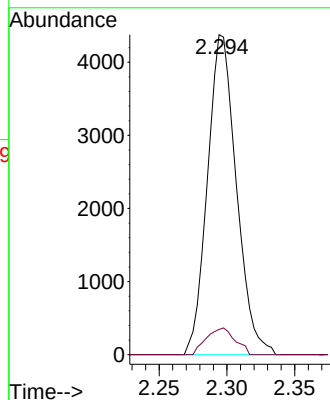
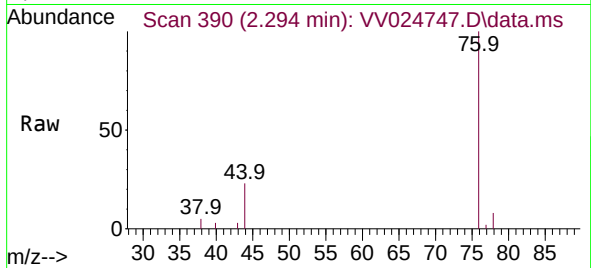




#14
Carbon disulfide
Concen: 0.182 ug/L
RT: 2.294 min Scan# 390
Delta R.T. -0.000 min
Lab File: VV024747.D
Acq: 18 Feb 2022 12:36

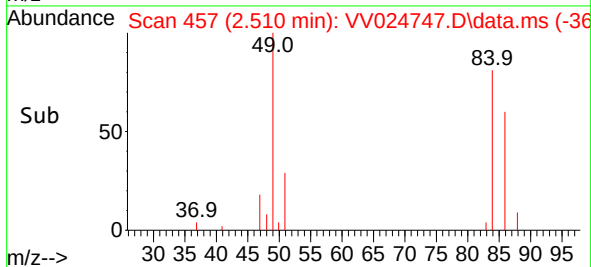
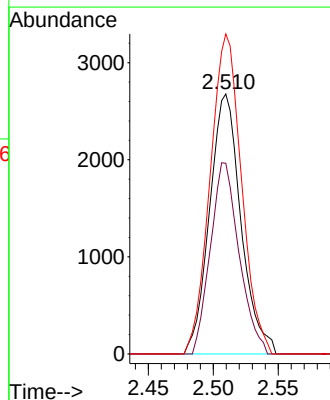
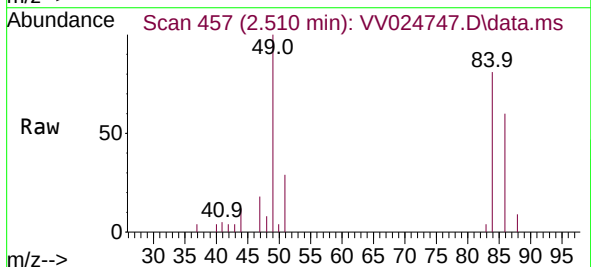
Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT1-2022-01

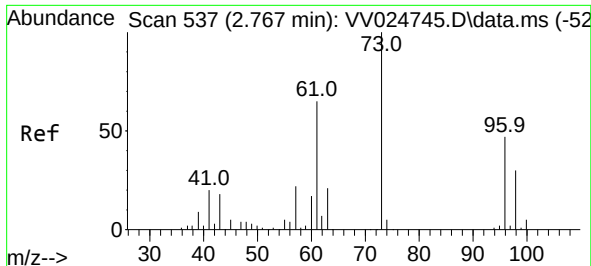
Tgt Ion: 76 Resp: 6498
Ion Ratio Lower Upper
76 100
78 7.9 7.3 10.9



#16
Methylene chloride
Concen: 0.359 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.003 min
Lab File: VV024747.D
Acq: 18 Feb 2022 12:36

Tgt Ion: 84 Resp: 4497
Ion Ratio Lower Upper
84 100
86 73.4 45.1 83.7
49 123.1 83.5 155.1

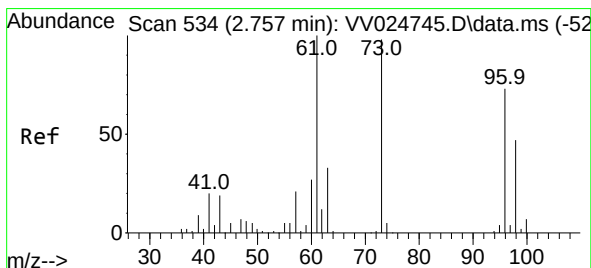
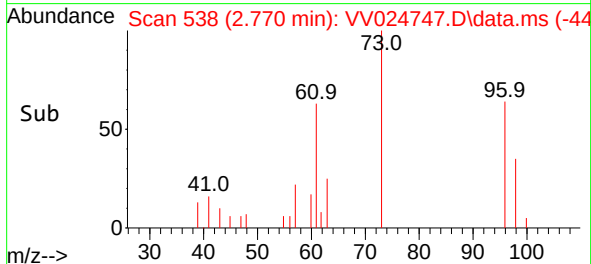
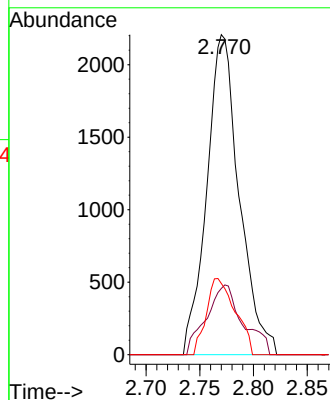
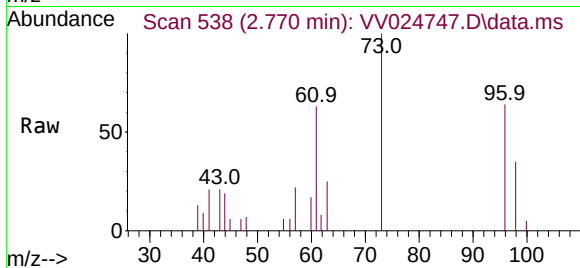




#17
Methyl tert-butyl Ether
Concen: 0.186 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV024747.D
Acq: 18 Feb 2022 12:36

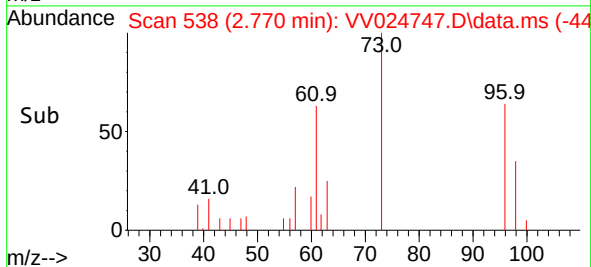
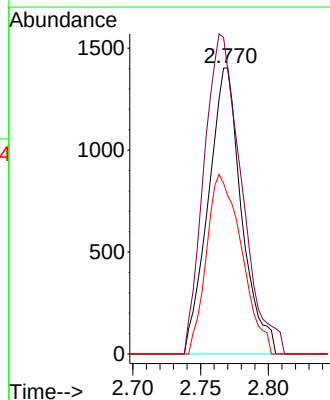
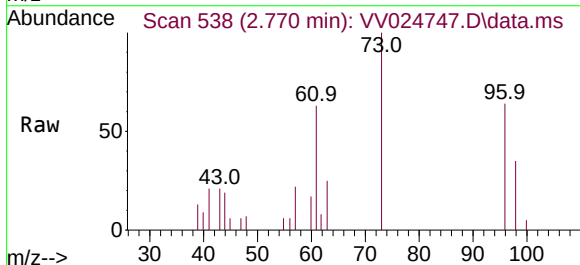
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2022-01

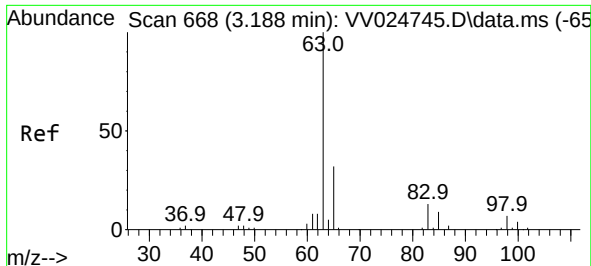
Tgt Ion: 73 Resp: 4635
Ion Ratio Lower Upper
73 100
43 24.6 15.1 22.7#
57 21.1 17.4 26.2



#18
trans-1,2-Dichloroethene
Concen: 0.194 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.013 min
Lab File: VV024747.D
Acq: 18 Feb 2022 12:36

Tgt Ion: 96 Resp: 2402
Ion Ratio Lower Upper
96 100
61 99.0 92.9 172.5
98 55.1 44.5 82.7





#19

1,1-Dichloroethane

Concen: 0.194 ug/L

RT: 3.198 min Scan# 61

Delta R.T. 0.010 min

Lab File: VV024747.D

Acq: 18 Feb 2022 12:36

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT1-2022-01

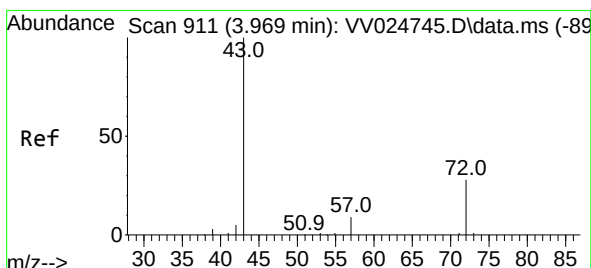
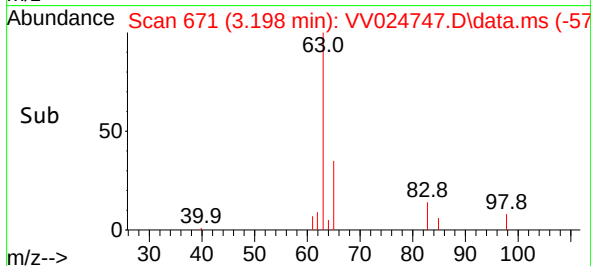
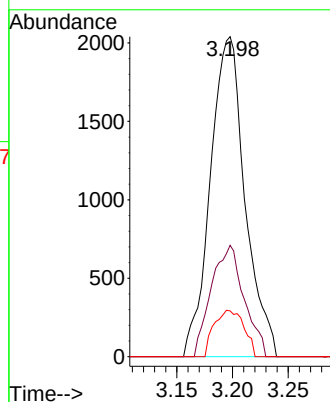
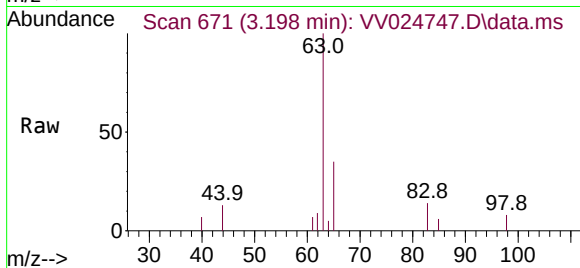
Tgt Ion: 63 Resp: 4416

Ion Ratio Lower Upper

63 100

65 34.8 22.0 40.8

83 14.3 9.5 17.7



#21

2-Butanone

Concen: 1.285 ug/L

RT: 4.008 min Scan# 923

Delta R.T. 0.039 min

Lab File: VV024747.D

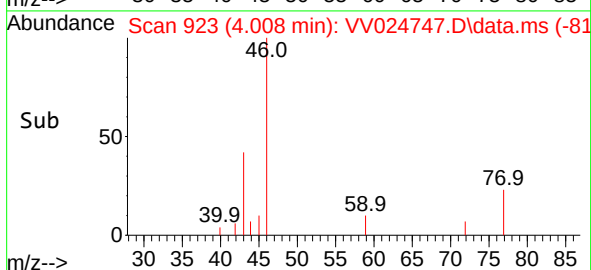
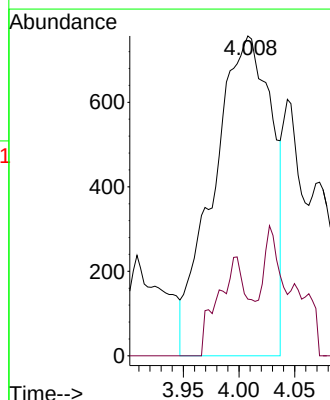
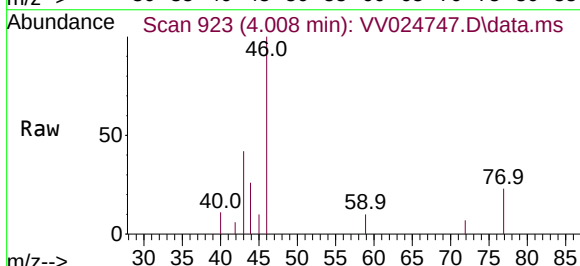
Acq: 18 Feb 2022 12:36

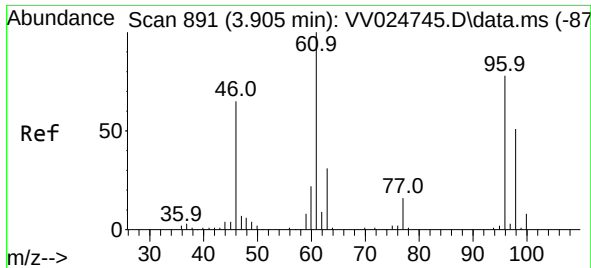
Tgt Ion: 43 Resp: 2769

Ion Ratio Lower Upper

43 100

72 15.9 13.2 39.6

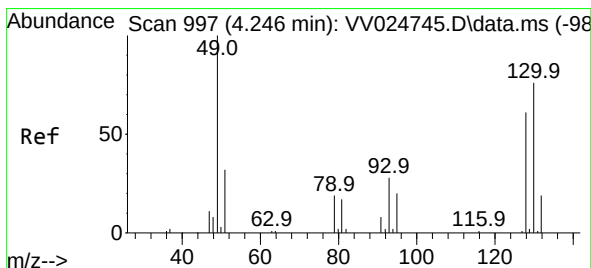
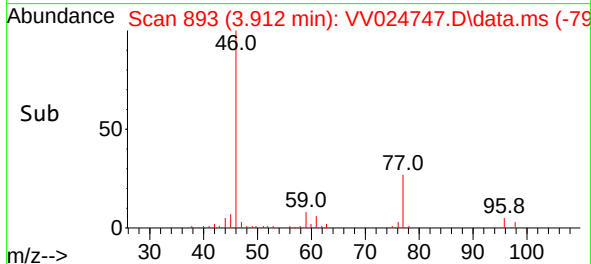
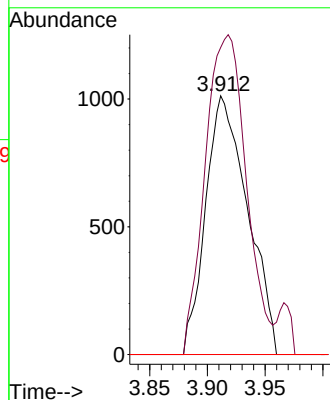
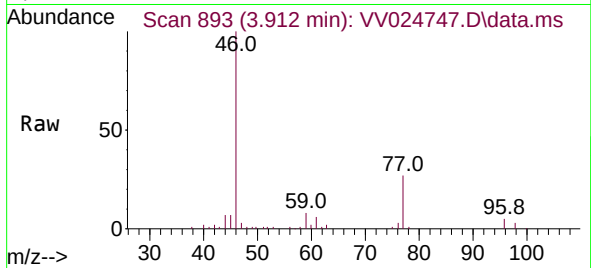




#22
 cis-1,2-Dichloroethene
 Concen: 0.195 ug/L
 RT: 3.912 min Scan# 891
 Delta R.T. 0.006 min
 Lab File: VV024747.D
 Acq: 18 Feb 2022 12:36

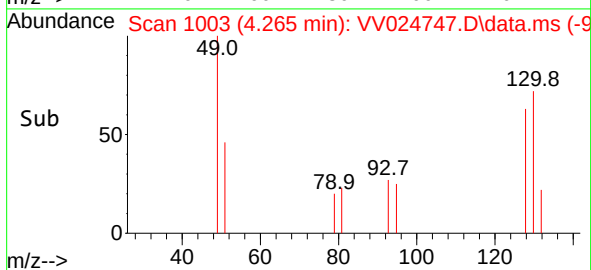
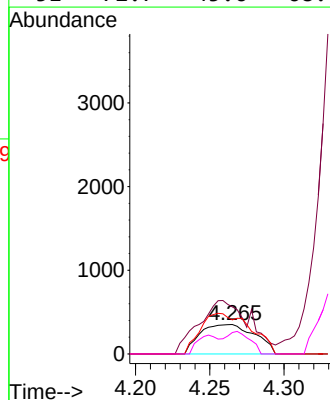
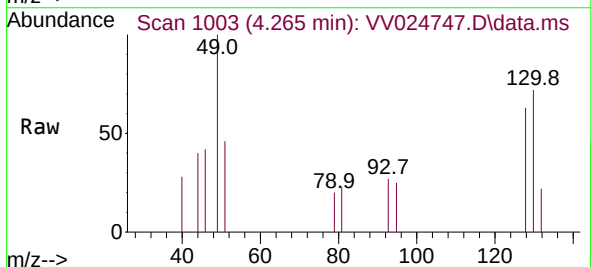
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT1-2022-01

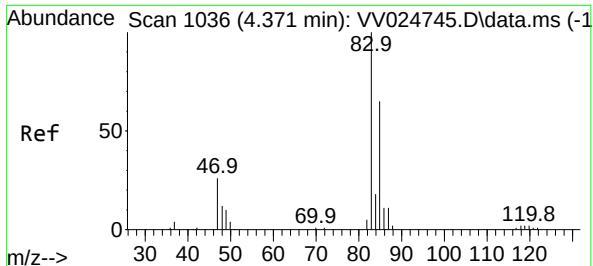
Tgt Ion: 96 Resp: 2561
 Ion Ratio Lower Upper
 96 100
 61 118.7 89.7 166.5
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 0.177 ug/L
 RT: 4.265 min Scan# 1003
 Delta R.T. 0.019 min
 Lab File: VV024747.D
 Acq: 18 Feb 2022 12:36

Tgt Ion: 128 Resp: 900
 Ion Ratio Lower Upper
 128 100
 49 159.7 124.2 230.6
 130 115.6 92.1 171.1
 51 72.7 45.6 68.4#





#25

Chloroform

Concen: 0.347 ug/L

RT: 4.375 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV024747.D

Acq: 18 Feb 2022 12:36

Instrument :

MSVOA_V

ClientSampleId :

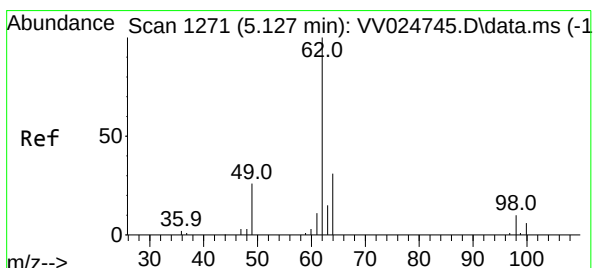
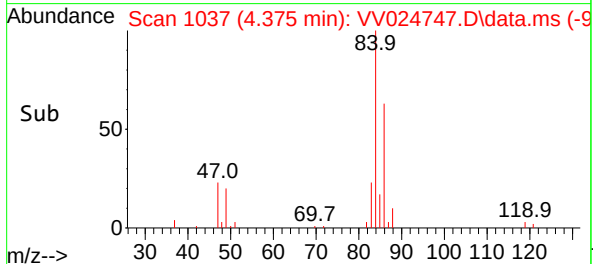
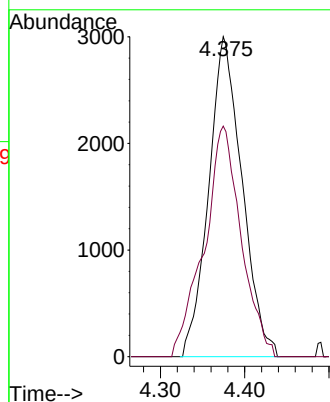
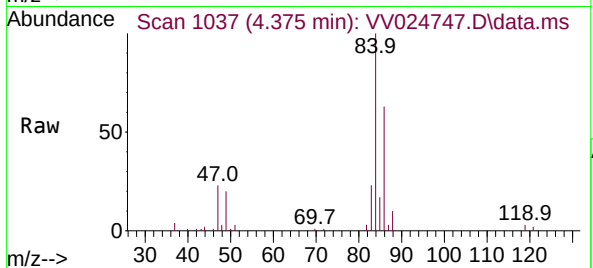
MDL-WATER-QT1-2022-01

Tgt Ion: 83 Resp: 8240

Ion Ratio Lower Upper

83 100

85 72.1 45.5 84.5



#27

1,2-Dichloroethane

Concen: 0.197 ug/L

RT: 5.140 min Scan# 1275

Delta R.T. 0.013 min

Lab File: VV024747.D

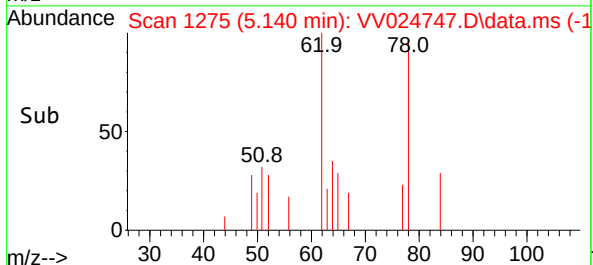
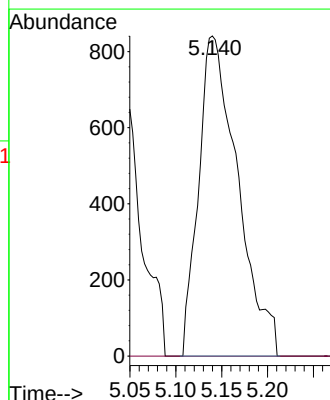
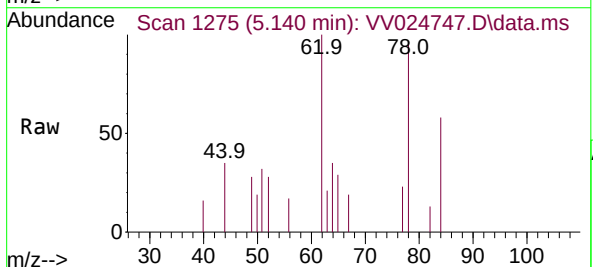
Acq: 18 Feb 2022 12:36

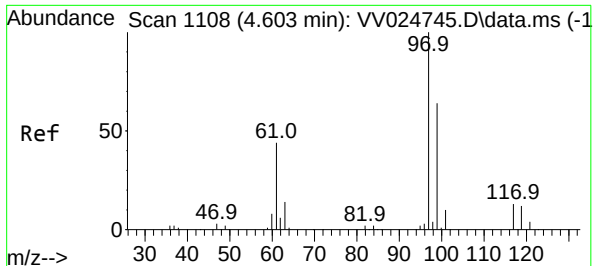
Tgt Ion: 62 Resp: 2494

Ion Ratio Lower Upper

62 100

98 0.0 8.2 12.2#





#29

1,1,1-Trichloroethane

Concen: 0.196 ug/L

RT: 4.612 min Scan# 1111

Delta R.T. 0.010 min

Lab File: VV024747.D

Acq: 18 Feb 2022 12:36

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT1-2022-01

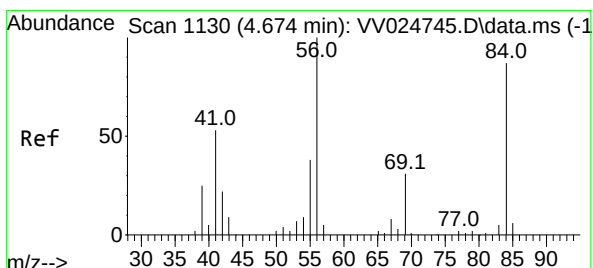
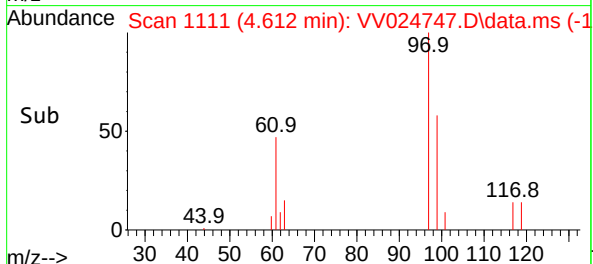
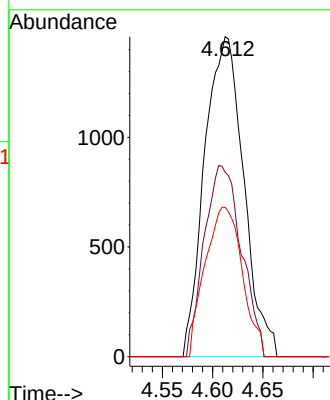
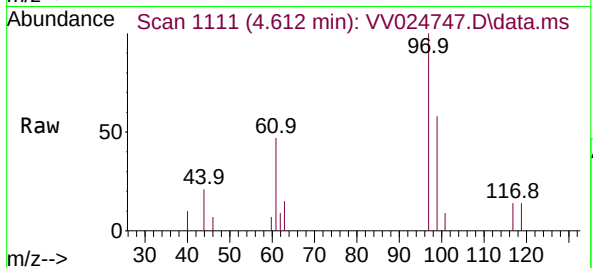
Tgt Ion: 97 Resp: 3932

Ion Ratio Lower Upper

97 100

99 57.1 50.5 75.7

61 44.6 35.8 53.6



#30

Cyclohexane

Concen: 0.188 ug/L

RT: 4.674 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VV024747.D

Acq: 18 Feb 2022 12:36

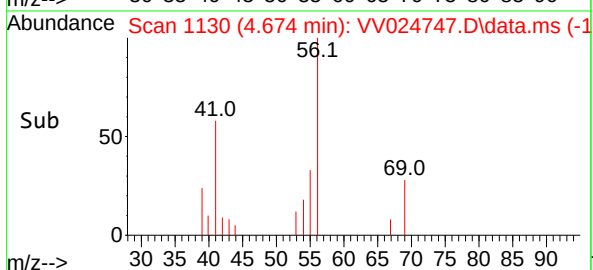
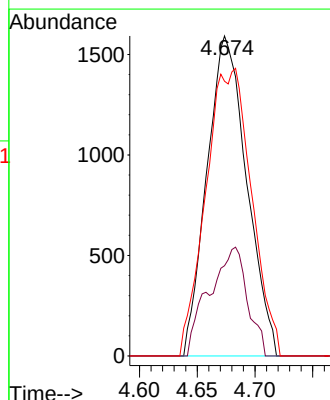
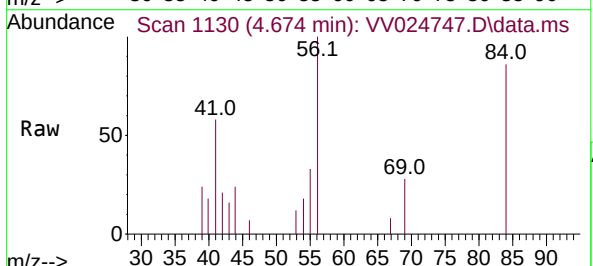
Tgt Ion: 56 Resp: 3814

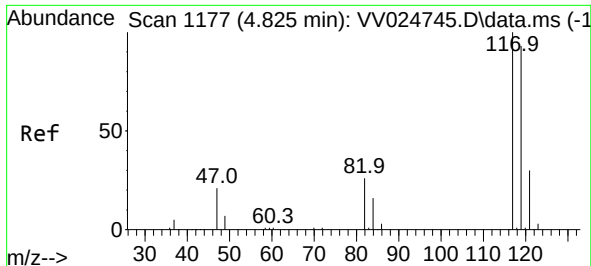
Ion Ratio Lower Upper

56 100

69 32.5 24.6 37.0

84 102.8 71.4 107.0

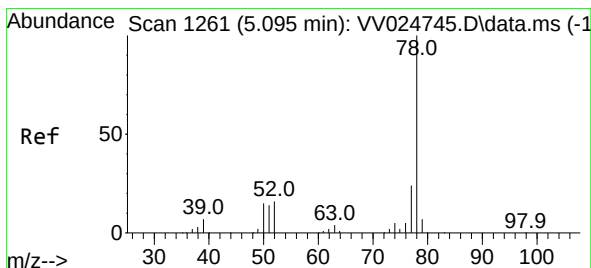
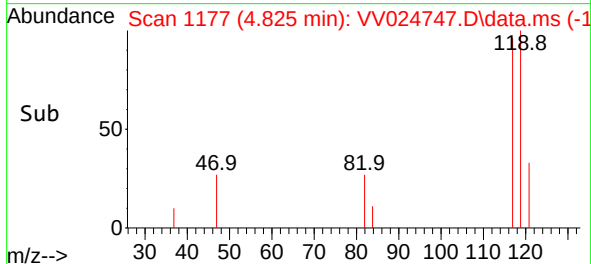
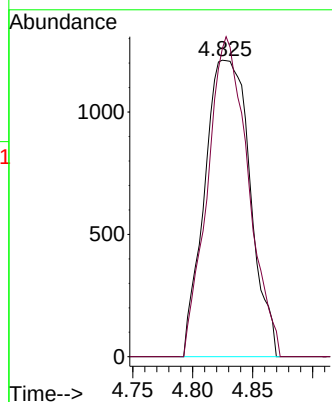
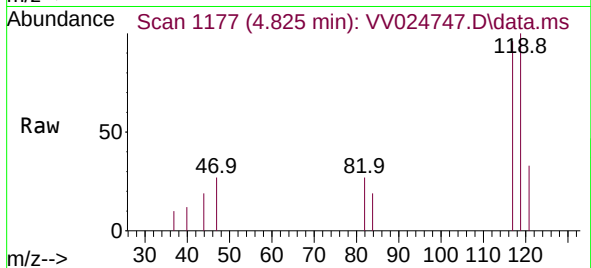




#31
Carbon tetrachloride
Concen: 0.189 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. -0.000 min
Lab File: VV024747.D
Acq: 18 Feb 2022 12:36

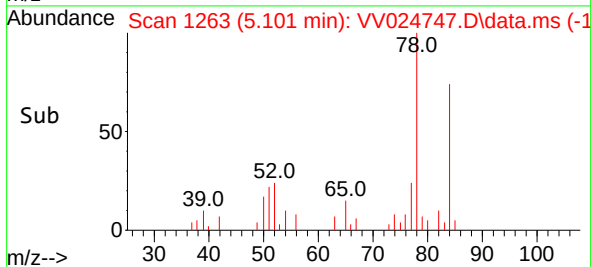
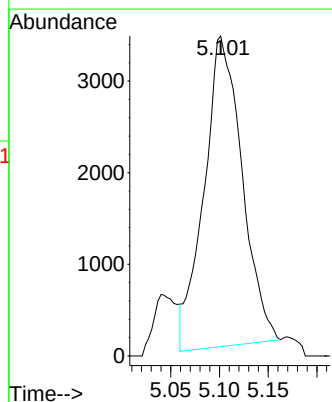
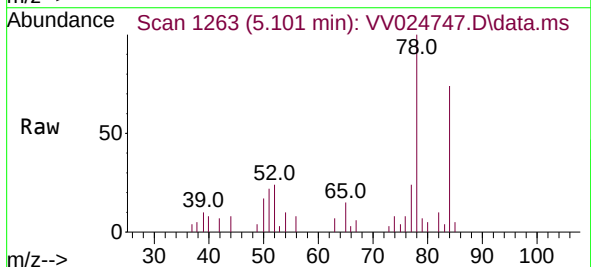
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2022-01

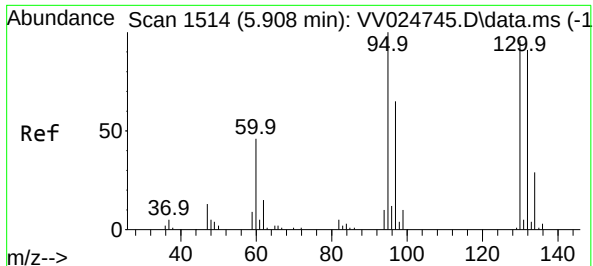
Tgt Ion:117 Resp: 3191
Ion Ratio Lower Upper
117 100
119 96.6 76.6 115.0



#33
Benzene
Concen: 0.182 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VV024747.D
Acq: 18 Feb 2022 12:36

Tgt Ion: 78 Resp: 9183





#34

Trichloroethene

Concen: 0.203 ug/L

RT: 5.921 min Scan# 1

Delta R.T. 0.013 min

Lab File: VV024747.D

Acq: 18 Feb 2022 12:36

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT1-2022-01

Tgt Ion: 95 Resp: 2715

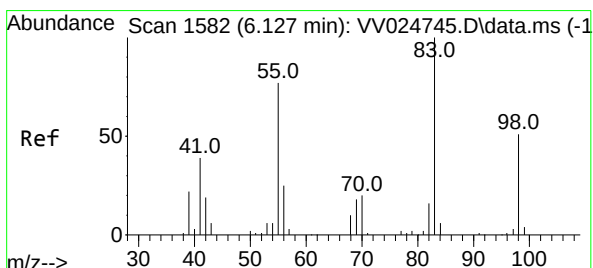
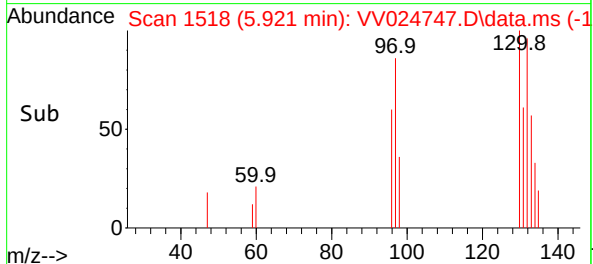
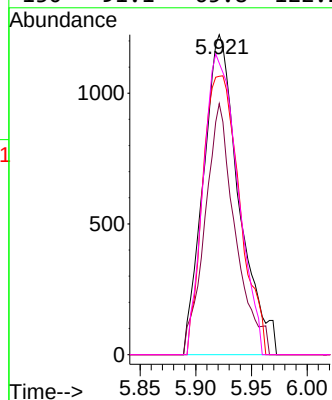
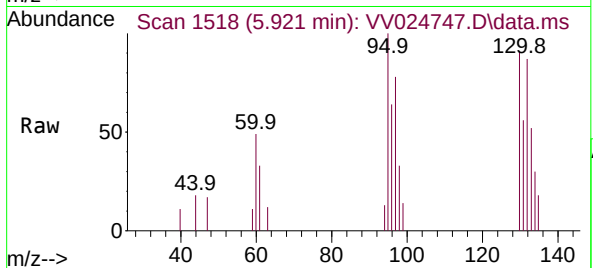
Ion Ratio Lower Upper

95 100

97 78.4 44.2 82.0

132 87.0 62.1 115.3

130 91.1 65.8 122.2



#35

Methylcyclohexane

Concen: 0.202 ug/L

RT: 6.124 min Scan# 1581

Delta R.T. -0.003 min

Lab File: VV024747.D

Acq: 18 Feb 2022 12:36

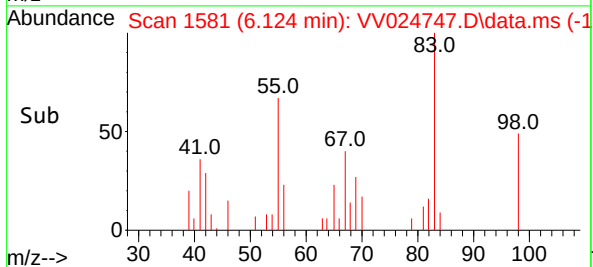
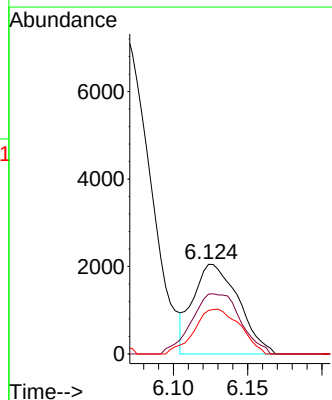
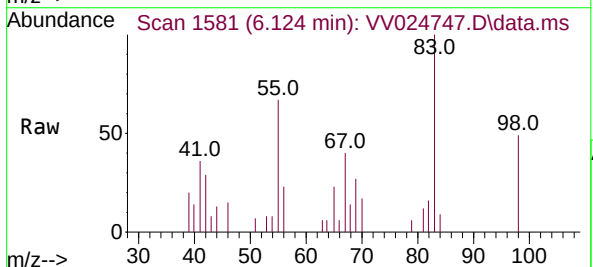
Tgt Ion: 83 Resp: 4367

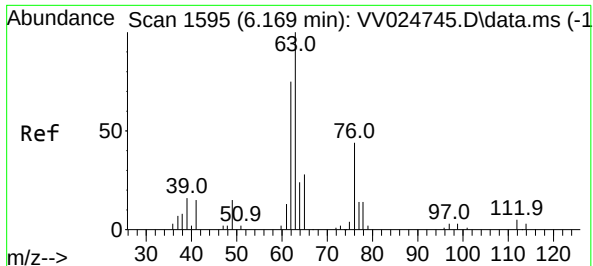
Ion Ratio Lower Upper

83 100

55 71.6 58.8 88.2

98 50.1 38.6 58.0





#37

1,2-Dichloropropane

Concen: 0.209 ug/L

RT: 6.178 min Scan# 11

Delta R.T. 0.010 min

Lab File: VV024747.D

Acq: 18 Feb 2022 12:36

Instrument :

MSVOA_V

ClientSampleId :

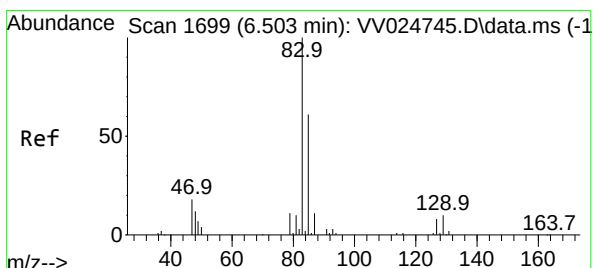
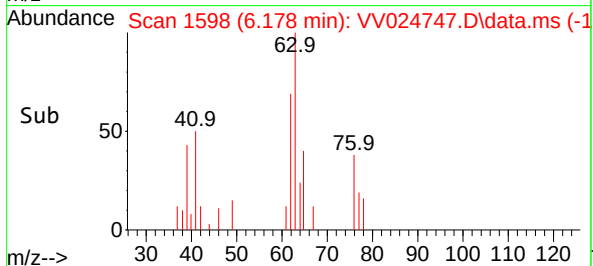
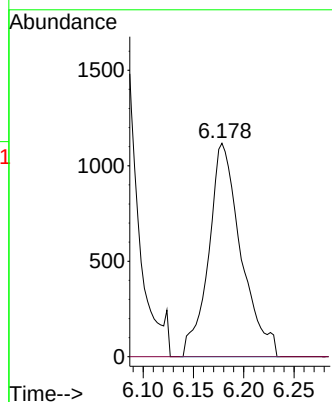
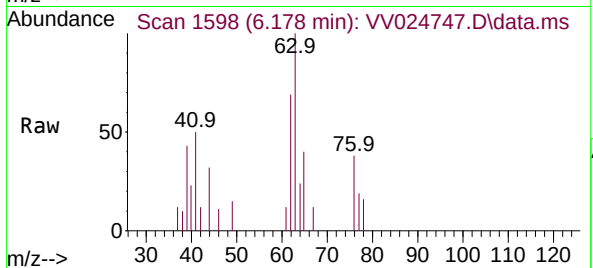
MDL-WATER-QT1-2022-01

Tgt Ion: 63 Resp: 2498

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#38

Bromodichloromethane

Concen: 0.195 ug/L

RT: 6.519 min Scan# 1704

Delta R.T. 0.016 min

Lab File: VV024747.D

Acq: 18 Feb 2022 12:36

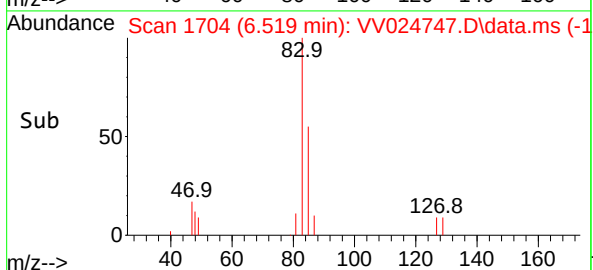
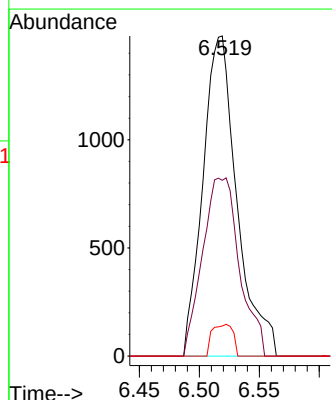
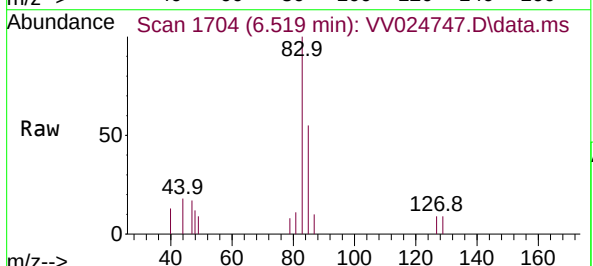
Tgt Ion: 83 Resp: 2927

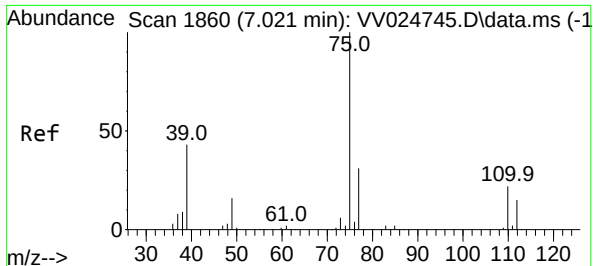
Ion Ratio Lower Upper

83 100

85 54.9 43.5 80.9

127 9.4 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 0.187 ug/L

RT: 7.037 min Scan# 11

Delta R.T. 0.016 min

Lab File: VV024747.D

Acq: 18 Feb 2022 12:36

Instrument :

MSVOA_V

ClientSampleId :

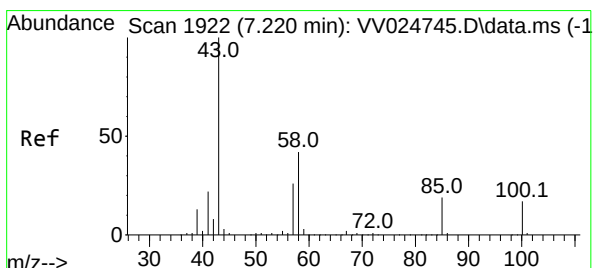
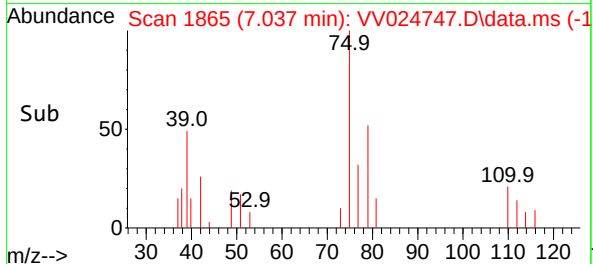
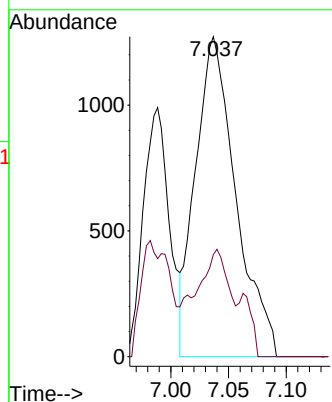
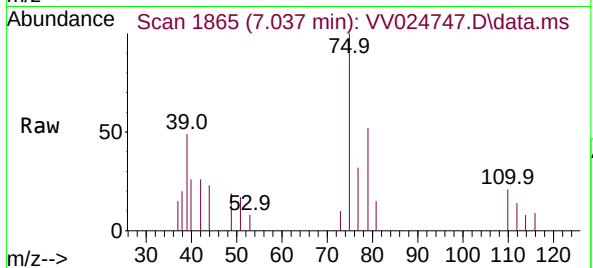
MDL-WATER-QT1-2022-01

Tgt Ion: 75 Resp: 3089

Ion Ratio Lower Upper

75 100

77 31.9 22.3 41.5



#40

4-Methyl-2-pentanone

Concen: 1.714 ug/L

RT: 7.233 min Scan# 1926

Delta R.T. 0.013 min

Lab File: VV024747.D

Acq: 18 Feb 2022 12:36

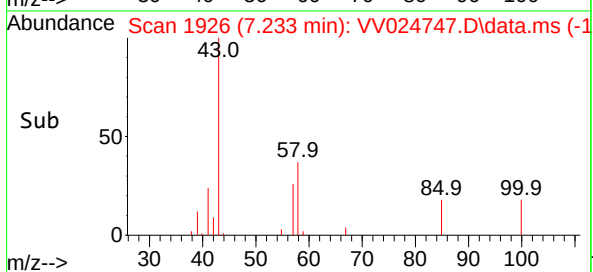
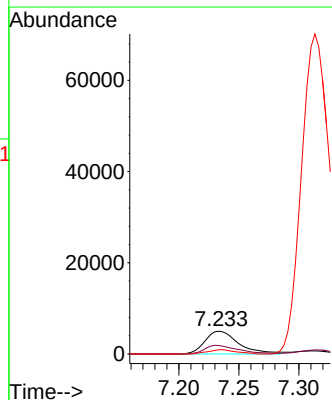
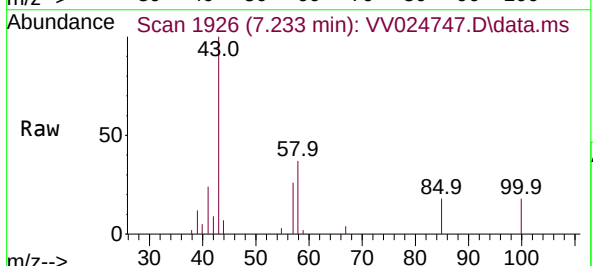
Tgt Ion: 43 Resp: 9737

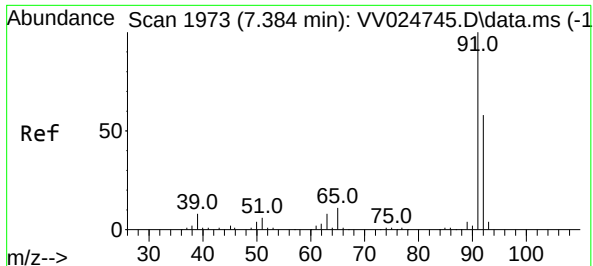
Ion Ratio Lower Upper

43 100

58 38.3 33.0 49.6

100 0.0 13.3 19.9#





#42

Toluene

Concen: 0.232 ug/L

RT: 7.390 min Scan# 1973

Delta R.T. 0.006 min

Lab File: VV024747.D

Acq: 18 Feb 2022 12:36

Instrument :

MSVOA_V

ClientSampleId :

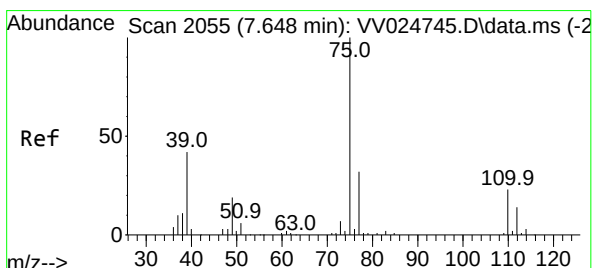
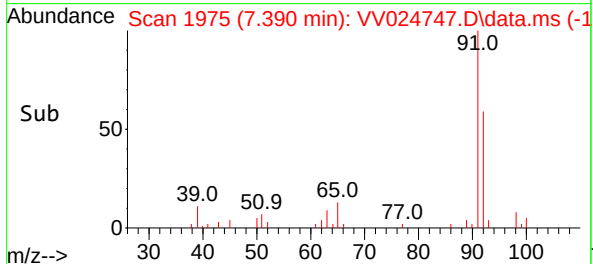
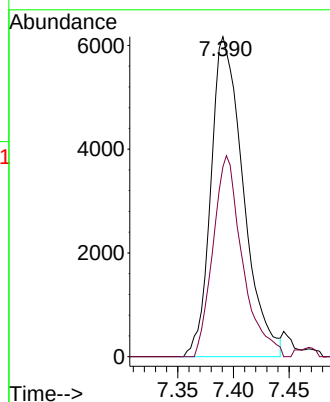
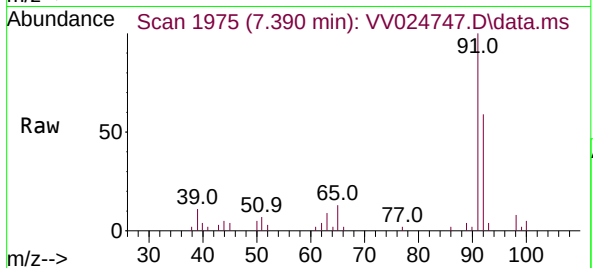
MDL-WATER-QT1-2022-01

Tgt Ion: 91 Resp: 12460

Ion Ratio Lower Upper

91 100

92 59.3 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 0.164 ug/L

RT: 7.667 min Scan# 2061

Delta R.T. 0.019 min

Lab File: VV024747.D

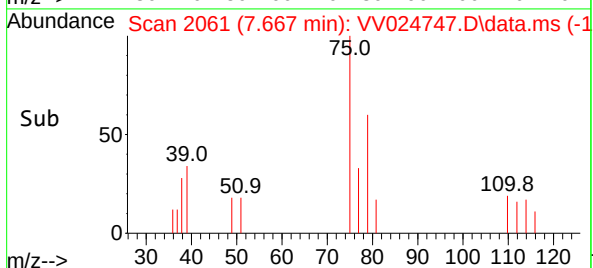
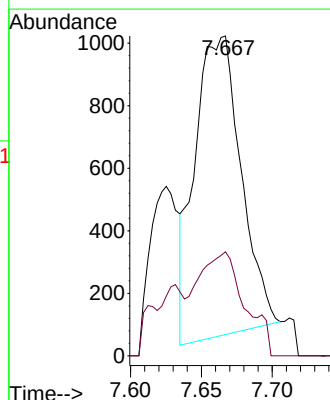
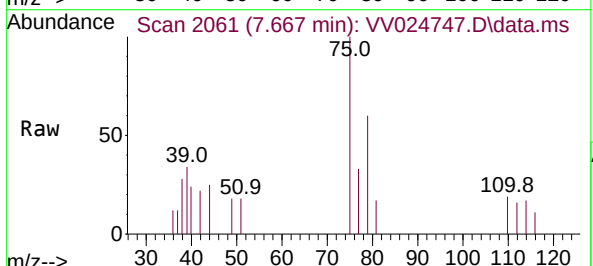
Acq: 18 Feb 2022 12:36

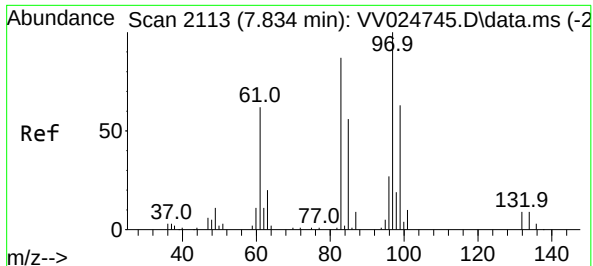
Tgt Ion: 75 Resp: 2176

Ion Ratio Lower Upper

75 100

77 32.6 23.5 43.7

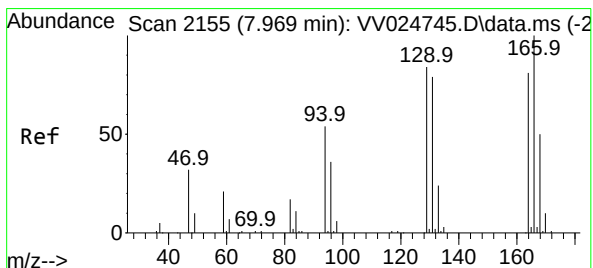
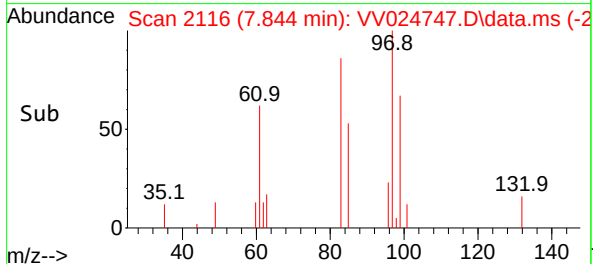
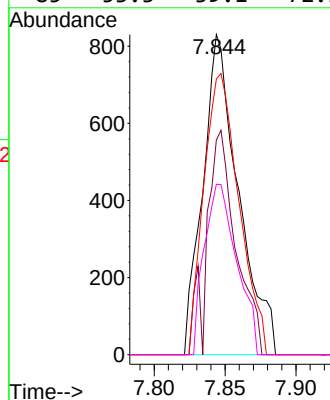
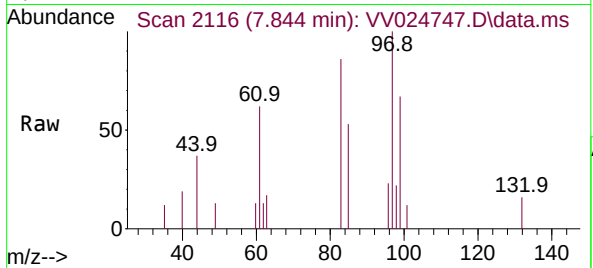




#45
1,1,2-Trichloroethane
Concen: 0.187 ug/L
RT: 7.844 min Scan# 2116
Delta R.T. 0.010 min
Lab File: VV024747.D
Acq: 18 Feb 2022 12:36

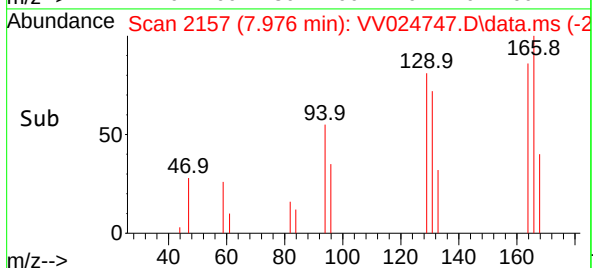
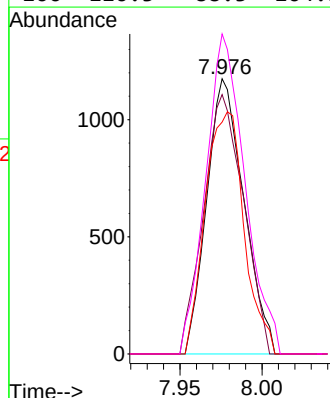
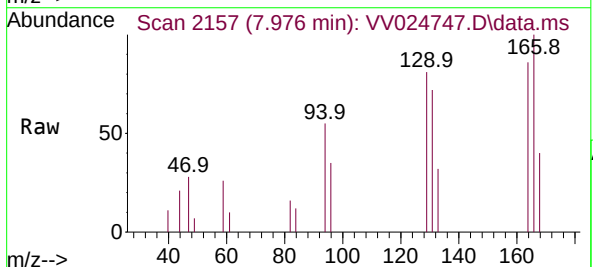
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2022-01

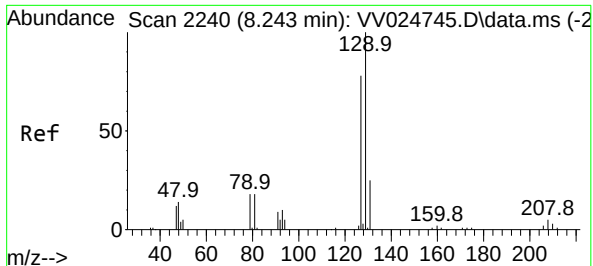
Tgt Ion: 97	Resp: 1450
Ion Ratio	Lower Upper
97 100	
99 67.1	43.8 81.3
83 86.1	61.3 113.9
85 53.3	39.1 72.5



#47
Tetrachloroethene
Concen: 0.203 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.006 min
Lab File: VV024747.D
Acq: 18 Feb 2022 12:36

Tgt Ion:164	Resp: 1848
Ion Ratio	Lower Upper
164 100	
129 94.2	70.3 130.7
131 84.3	67.7 125.7
166 116.3	88.3 164.1

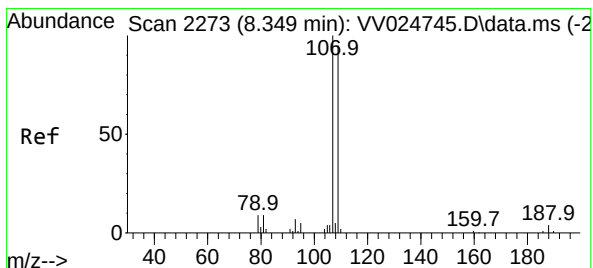
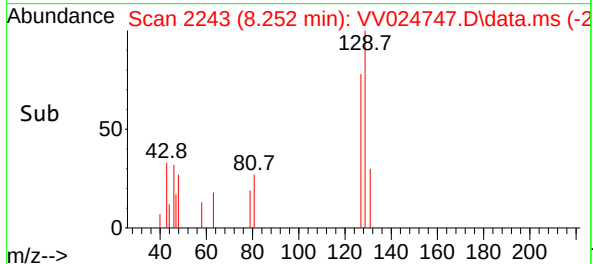
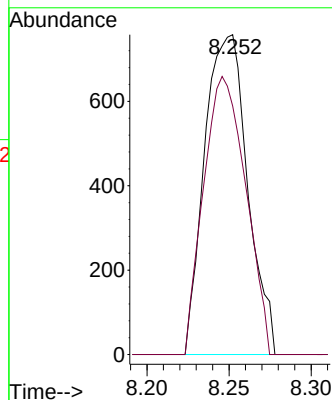
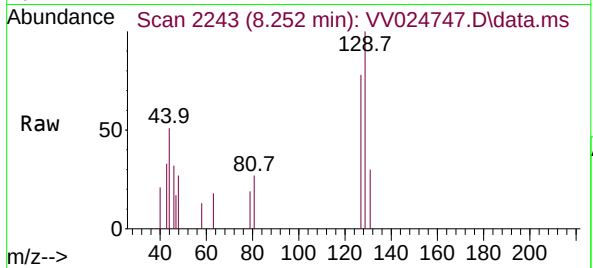




#49
Dibromochloromethane
Concen: 0.160 ug/L
RT: 8.252 min Scan# 21
Delta R.T. 0.010 min
Lab File: VV024747.D
Acq: 18 Feb 2022 12:36

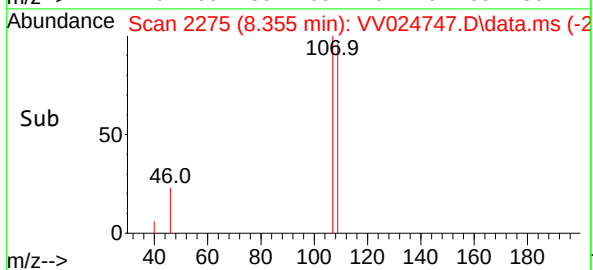
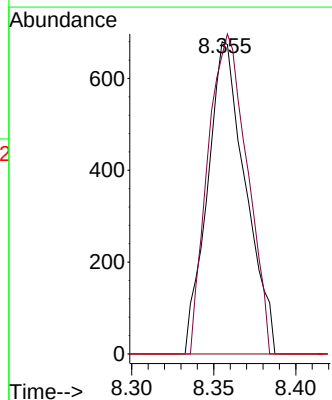
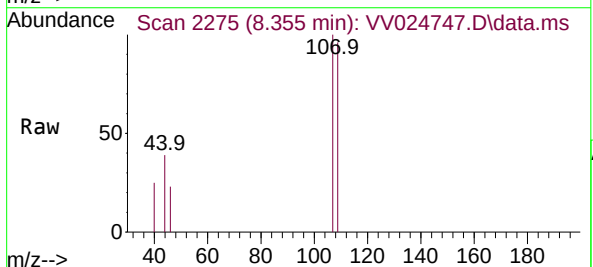
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2022-01

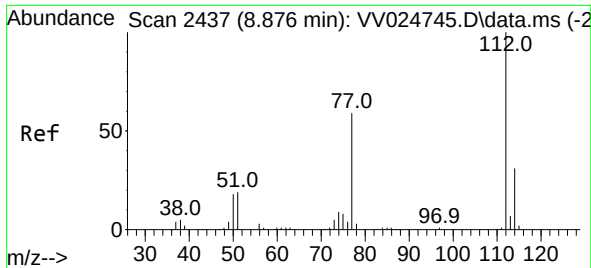
Tgt Ion:129 Resp: 1381
Ion Ratio Lower Upper
129 100
127 77.7 53.6 99.6



#50
1,2-Dibromoethane
Concen: 0.155 ug/L
RT: 8.355 min Scan# 2275
Delta R.T. 0.006 min
Lab File: VV024747.D
Acq: 18 Feb 2022 12:36

Tgt Ion:107 Resp: 1097
Ion Ratio Lower Upper
107 100
109 95.7 65.6 121.8
188 0.0 2.6 3.8#

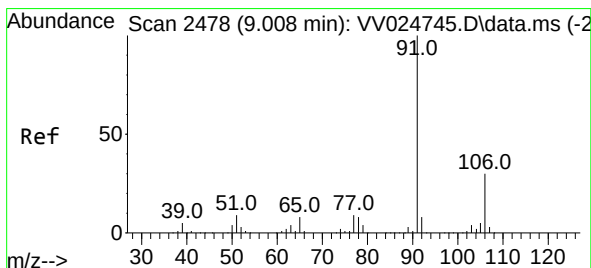
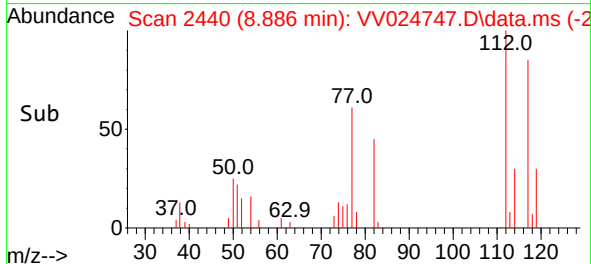
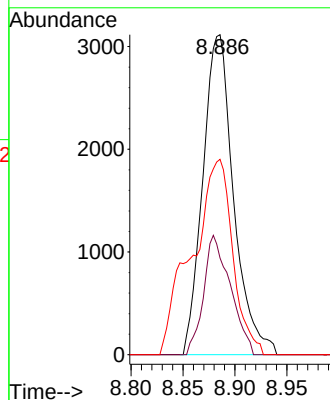
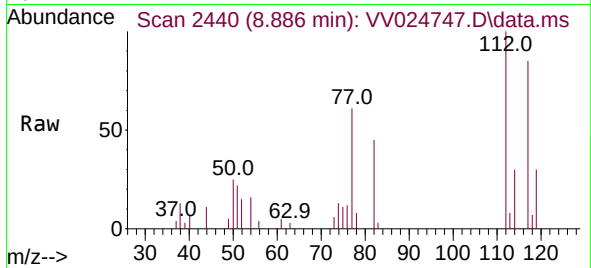




#51
Chlorobenzene
Concen: 0.191 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. 0.010 min
Lab File: VV024747.D
Acq: 18 Feb 2022 12:36

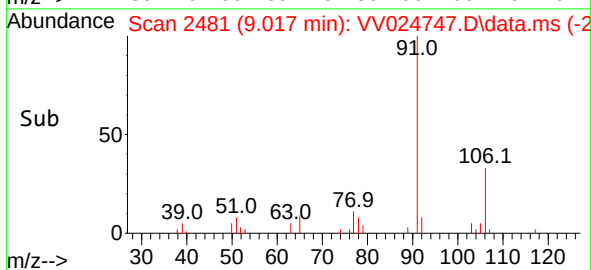
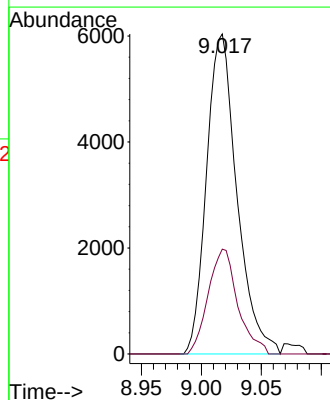
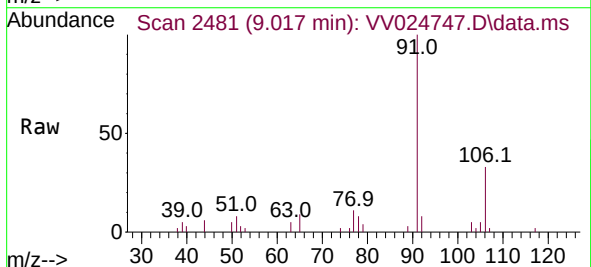
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2022-01

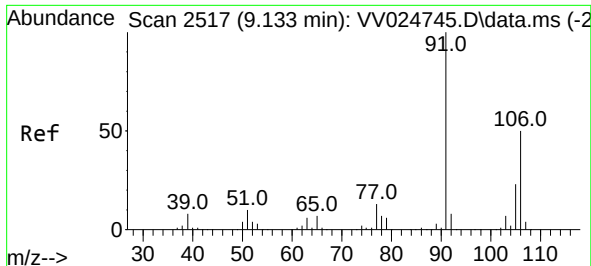
Tgt Ion:112 Resp: 6421
Ion Ratio Lower Upper
112 100
114 30.2 22.3 41.5
77 61.1 48.4 72.6



#52
Ethylbenzene
Concen: 0.181 ug/L
RT: 9.017 min Scan# 2481
Delta R.T. 0.010 min
Lab File: VV024747.D
Acq: 18 Feb 2022 12:36

Tgt Ion: 91 Resp: 10632
Ion Ratio Lower Upper
91 100
106 32.8 21.3 39.5

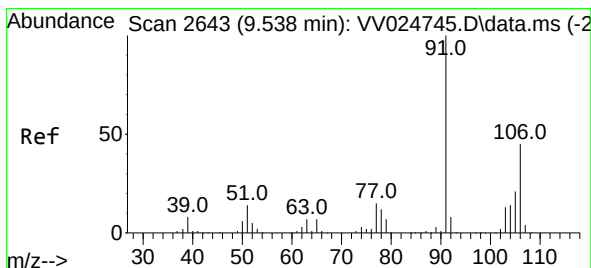
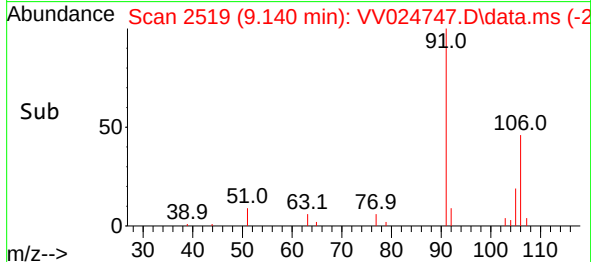
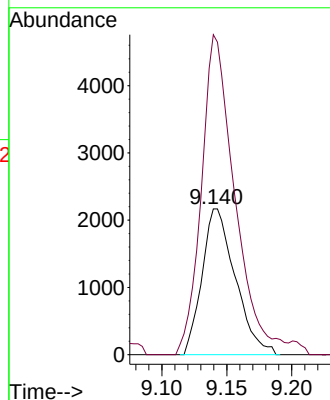
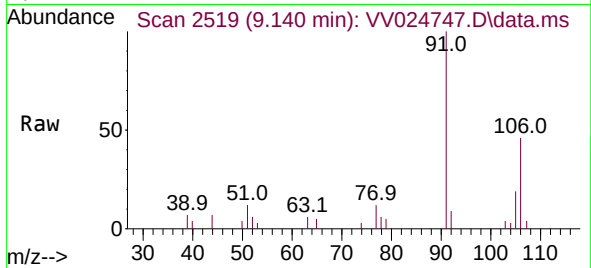




#53
m,p-xylene
Concen: 0.174 ug/L
RT: 9.140 min Scan# 2517
Delta R.T. 0.006 min
Lab File: VV024747.D
Acq: 18 Feb 2022 12:36

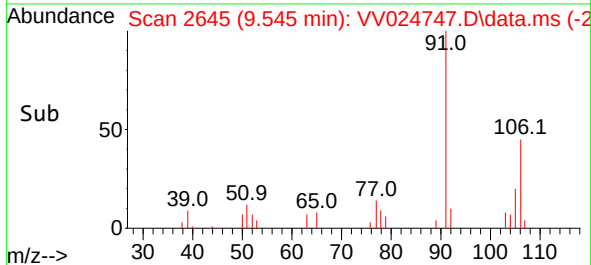
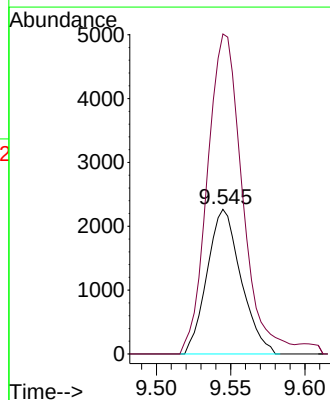
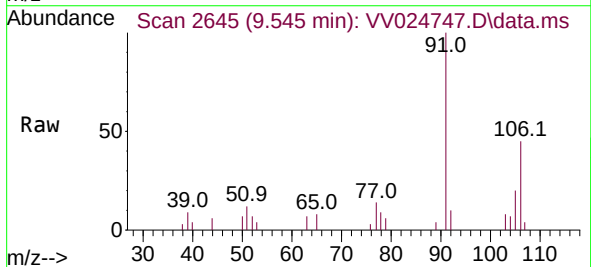
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2022-01

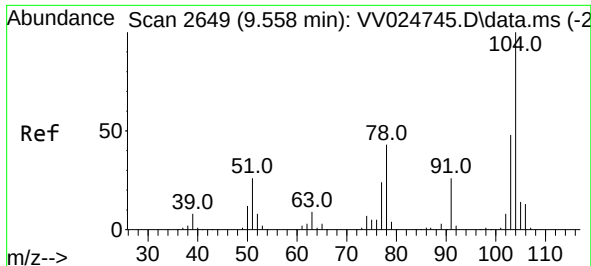
Tgt Ion:106 Resp: 3857
Ion Ratio Lower Upper
106 100
91 219.5 143.6 266.6



#54
o-xylene
Concen: 0.166 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.006 min
Lab File: VV024747.D
Acq: 18 Feb 2022 12:36

Tgt Ion:106 Resp: 3596
Ion Ratio Lower Upper
106 100
91 221.2 152.2 282.7

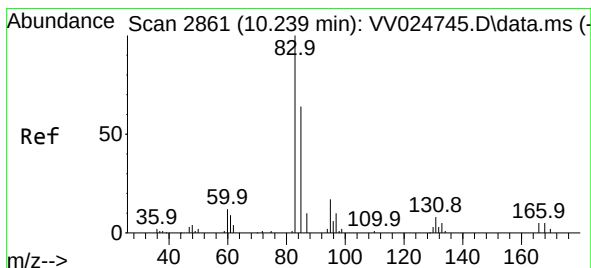
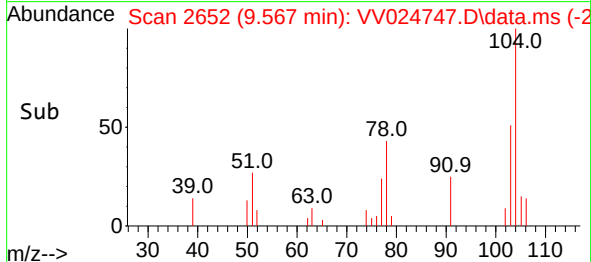
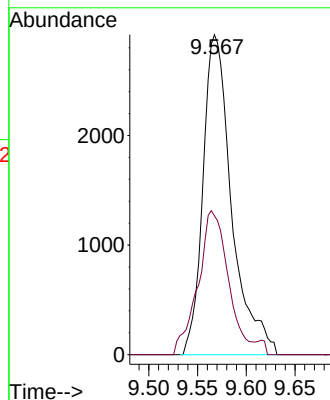
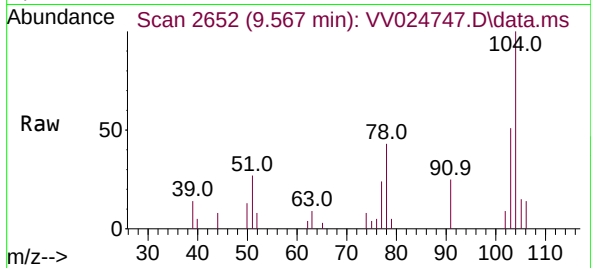




#55
Styrene
Concen: 0.169 ug/L
RT: 9.567 min Scan# 2652
Delta R.T. 0.010 min
Lab File: VV024747.D
Acq: 18 Feb 2022 12:36

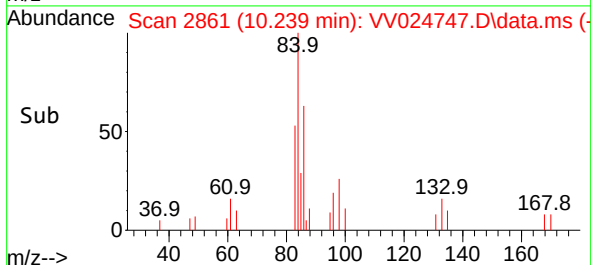
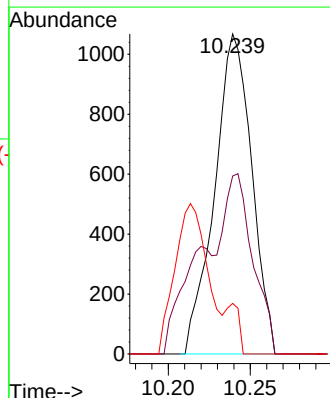
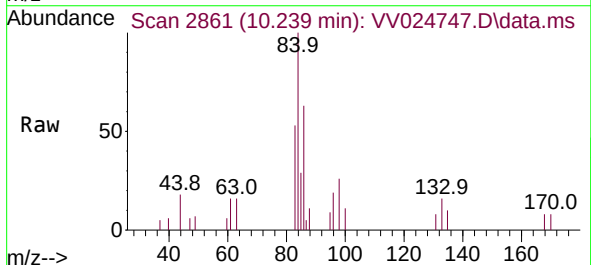
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2022-01

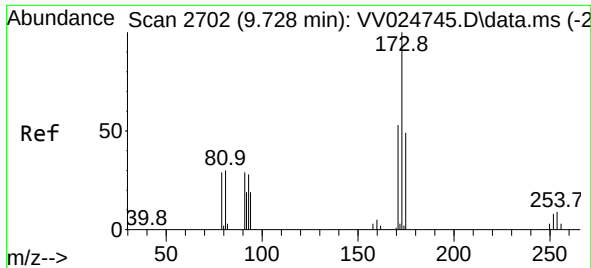
Tgt Ion:104 Resp: 5974
Ion Ratio Lower Upper
104 100
78 43.4 32.0 59.4



#57
1,1,2,2-Tetrachloroethane
Concen: 0.204 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. -0.000 min
Lab File: VV024747.D
Acq: 18 Feb 2022 12:36

Tgt Ion: 83 Resp: 1678
Ion Ratio Lower Upper
83 100
85 55.6 43.9 81.5
131 15.8 7.0 10.4#





#59

Bromoform

Concen: 0.136 ug/L

RT: 9.731 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV024747.D

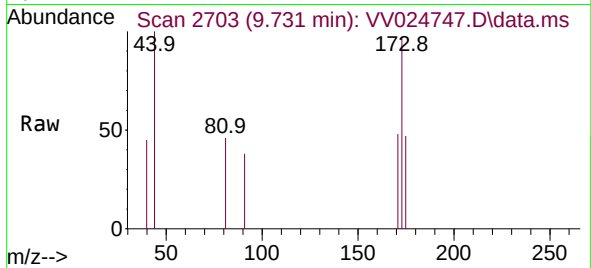
Acq: 18 Feb 2022 12:36

Instrument :

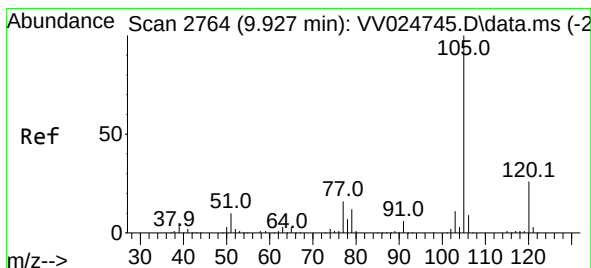
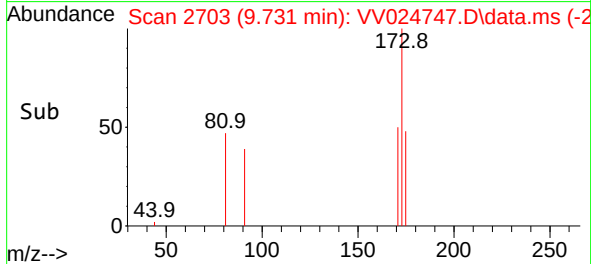
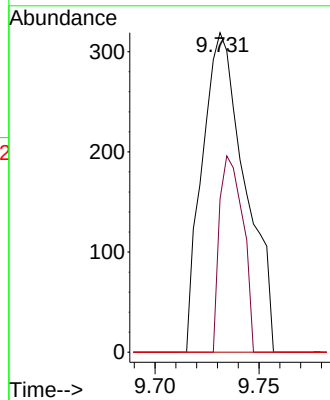
MSVOA_V

ClientSampleId :

MDL-WATER-QT1-2022-01



Tgt Ion:	173	Resp:	459
Ion	Ratio	Lower	Upper
173	100		
175	33.3	39.4	59.0#
254	0.0	7.0	10.4#



#60

Isopropylbenzene

Concen: 0.176 ug/L

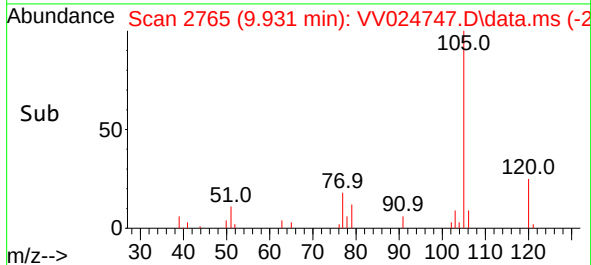
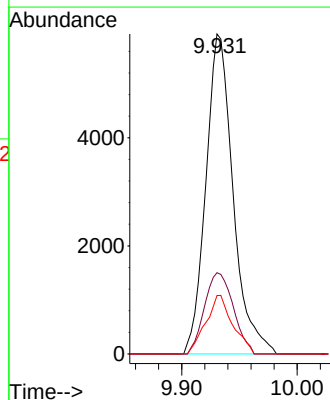
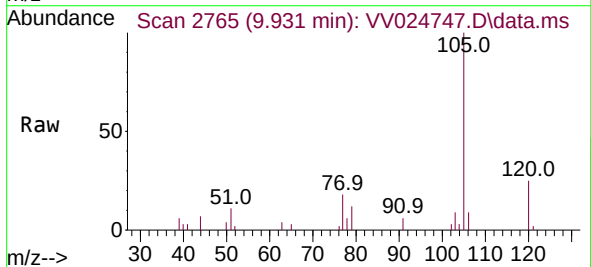
RT: 9.931 min Scan# 2765

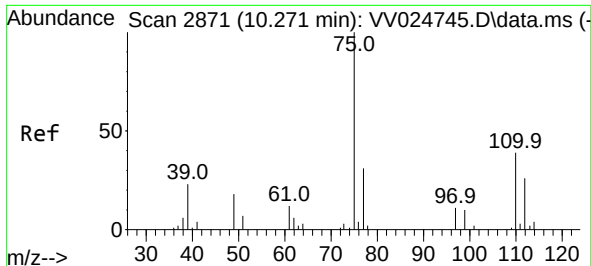
Delta R.T. 0.003 min

Lab File: VV024747.D

Acq: 18 Feb 2022 12:36

Tgt Ion:	105	Resp:	9693
Ion	Ratio	Lower	Upper
105	100		
120	26.8	20.7	31.1
77	18.0	12.7	19.1

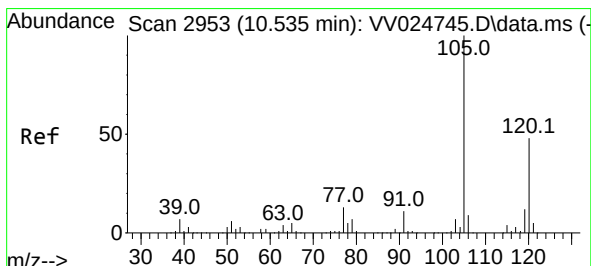
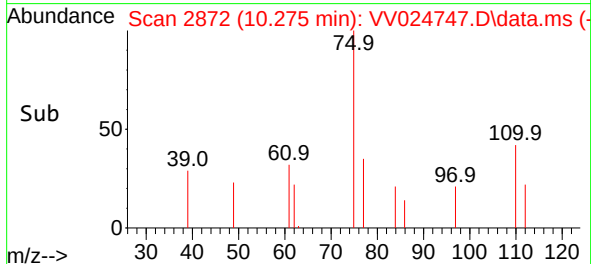
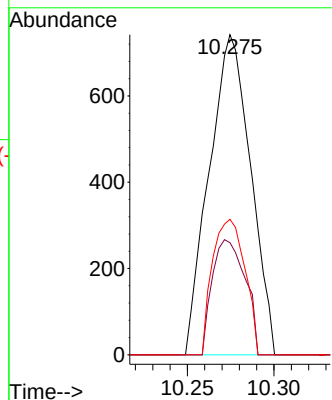
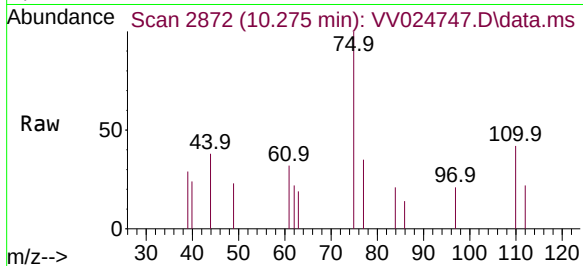




#61
 1,2,3-Trichloropropane
 Concen: 0.205 ug/L
 RT: 10.275 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV024747.D
 Acq: 18 Feb 2022 12:36

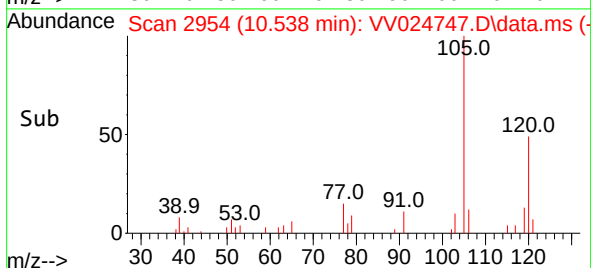
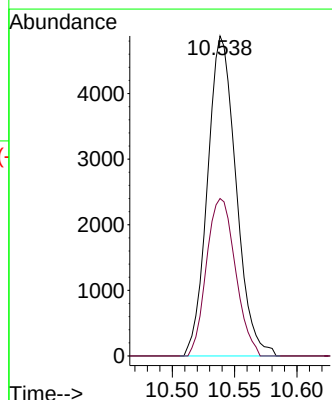
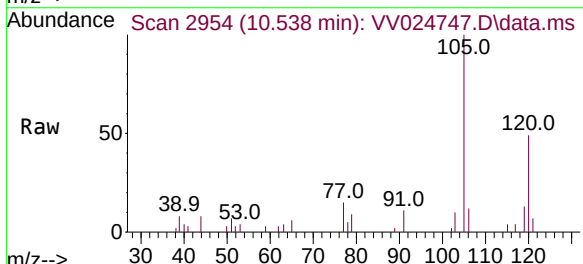
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT1-2022-01

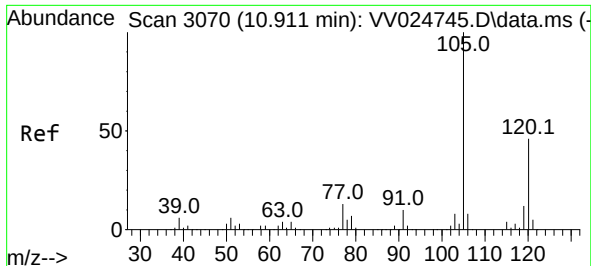
Tgt Ion: 75 Resp: 1232
 Ion Ratio Lower Upper
 75 100
 77 28.6 26.3 39.5
 110 33.1 30.3 45.5



#62
 1,3,5-Trimethylbenzene
 Concen: 0.170 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. 0.003 min
 Lab File: VV024747.D
 Acq: 18 Feb 2022 12:36

Tgt Ion: 105 Resp: 7775
 Ion Ratio Lower Upper
 105 100
 120 49.8 38.6 57.8

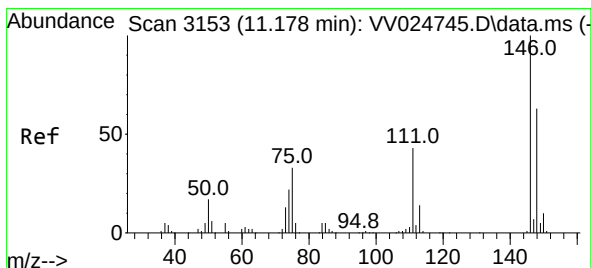
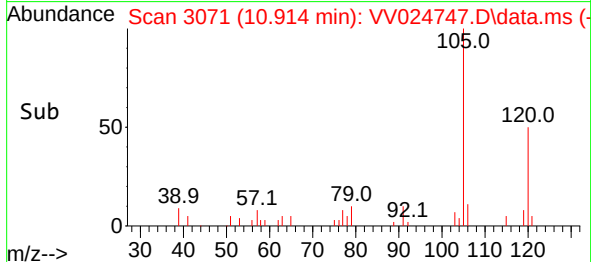
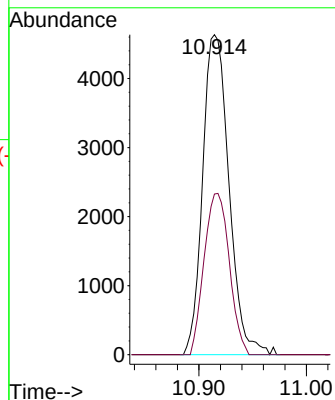
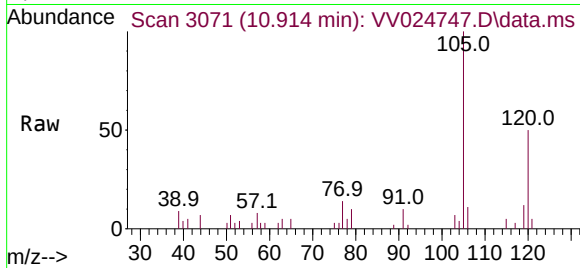




#63
1,2,4-Trimethylbenzene
Concen: 0.174 ug/L
RT: 10.914 min Scan# 3070
Delta R.T. 0.003 min
Lab File: VV024747.D
Acq: 18 Feb 2022 12:36

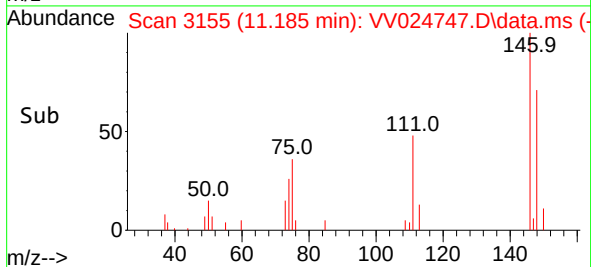
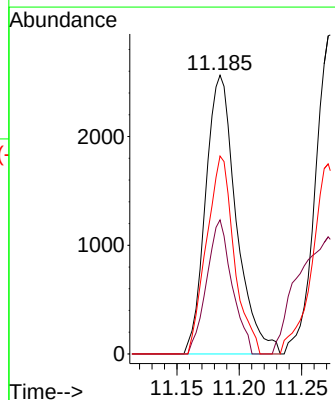
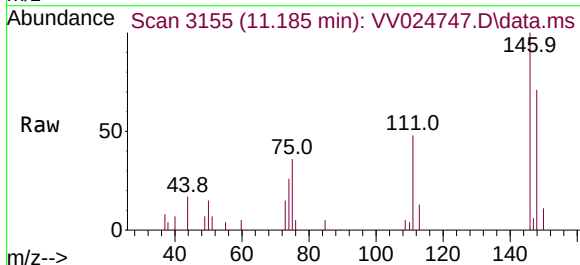
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2022-01

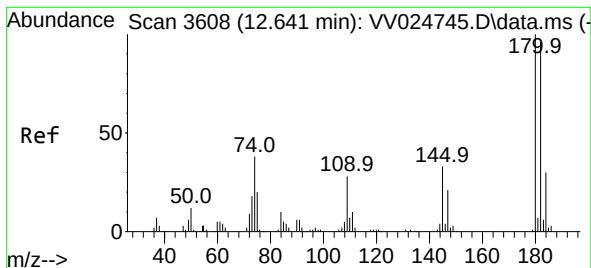
Tgt Ion:105 Resp: 7896
Ion Ratio Lower Upper
105 100
120 48.0 35.9 53.9



#64
1,3-Dichlorobenzene
Concen: 0.189 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.006 min
Lab File: VV024747.D
Acq: 18 Feb 2022 12:36

Tgt Ion:146 Resp: 4390
Ion Ratio Lower Upper
146 100
111 48.1 31.0 57.6
148 71.0 45.4 84.4





#69

1,3,5-Trichlorobenzene

Concen: 0.202 ug/L

RT: 12.648 min Scan# 3610

Delta R.T. 0.006 min

Lab File: VV024747.D

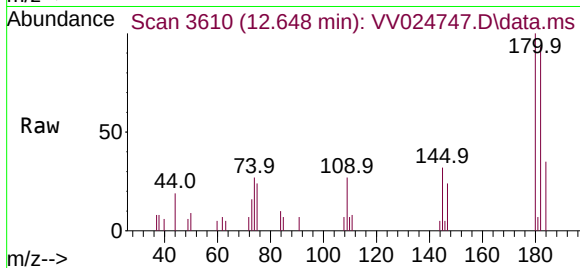
Acq: 18 Feb 2022 12:36

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT1-2022-01



Tgt Ion:180 Resp: 3317

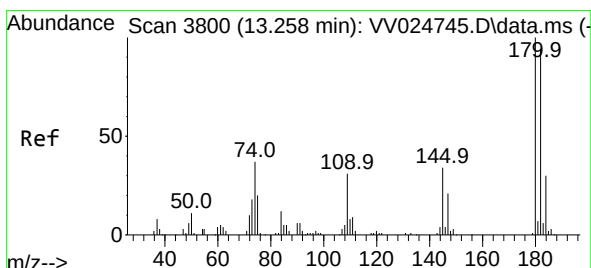
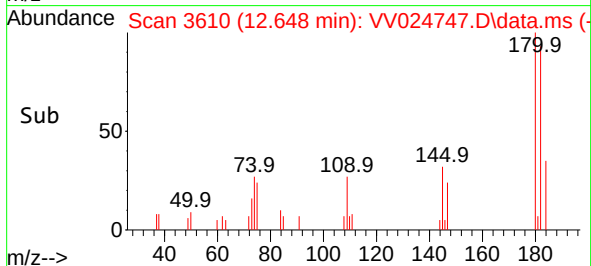
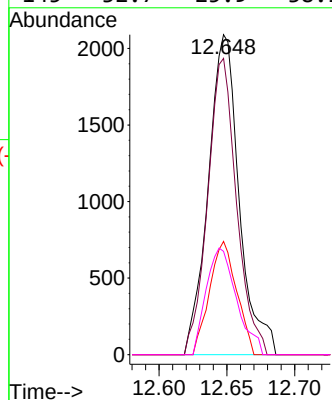
Ion Ratio Lower Upper

180 100

182 86.3 74.6 111.8

184 31.0 23.8 35.8

145 32.7 25.9 38.9



#70

1,2,4-trichlorobenzene

Concen: 0.181 ug/L

RT: 13.265 min Scan# 3802

Delta R.T. 0.006 min

Lab File: VV024747.D

Acq: 18 Feb 2022 12:36

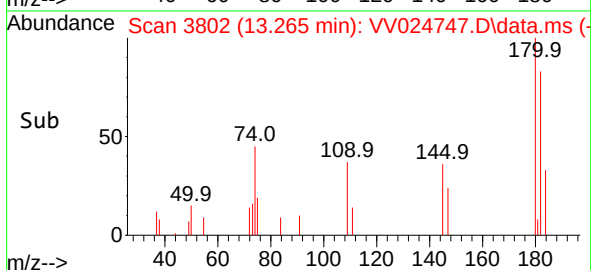
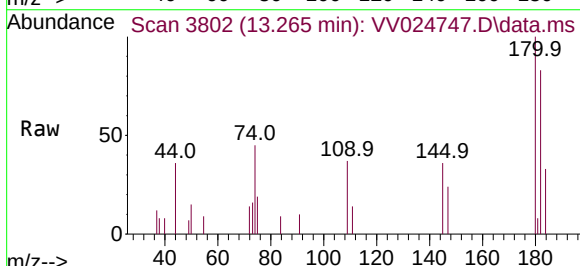
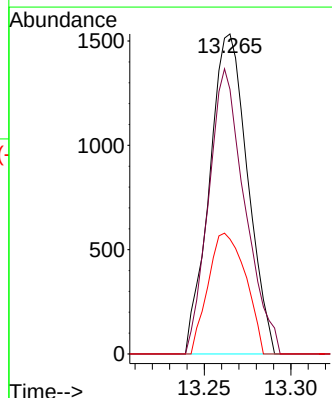
Tgt Ion:180 Resp: 2345

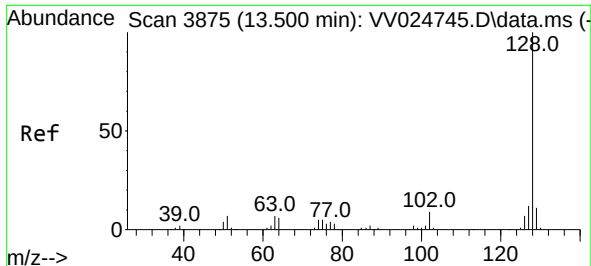
Ion Ratio Lower Upper

180 100

182 84.9 75.0 112.6

145 37.1 26.9 40.3

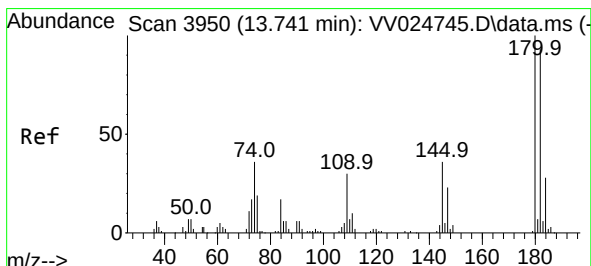
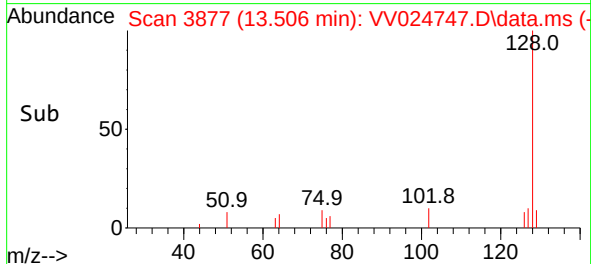
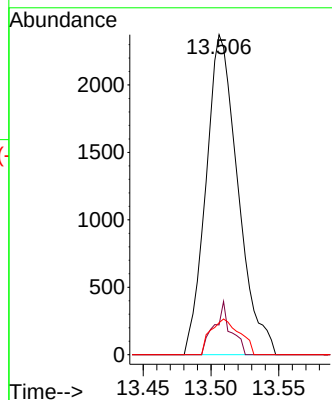
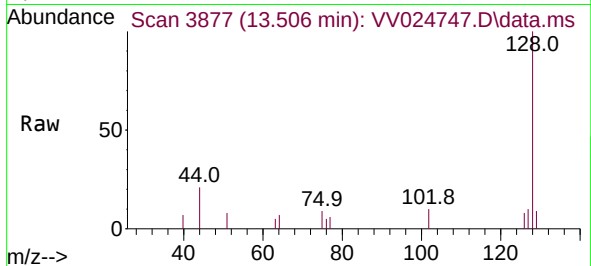




#71
Naphthalene
Concen: 0.176 ug/L
RT: 13.506 min Scan# 3875
Delta R.T. 0.006 min
Lab File: VV024747.D
Acq: 18 Feb 2022 12:36

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2022-01

Tgt Ion:128 Resp: 3881
Ion Ratio Lower Upper
128 100
129 8.7 8.4 12.6
127 10.2 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 0.177 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.003 min
Lab File: VV024747.D
Acq: 18 Feb 2022 12:36

Tgt Ion:180 Resp: 1921
Ion Ratio Lower Upper
180 100
182 96.7 75.6 113.4
145 34.3 28.5 42.7

