

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW081622\
 Data File : VW027403.D
 Acq On : 16 Aug 2022 10:41
 Operator : SY/MD
 Sample : N4015-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT3-2022-05

Quant Time: Aug 17 00:28:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 16 00:24:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	133040	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	147331	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	61660	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	42178	3.649	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.000%
7) Chloroethane-d5	1.565	69	35471	4.226	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.600%
11) 1,1-Dichloroethene-d2	2.102	63	68128	3.250	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.000%
20) 2-Butanone-d5	3.892	46	84056	42.940	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.880%
24) Chloroform-d	4.339	84	100849	4.758	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
26) 1,2-Dichloroethane-d4	5.027	65	50639	5.014	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.200%
32) Benzene-d6	5.044	84	173388	3.989	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.800%
36) 1,2-Dichloropropane-d6	6.063	67	64836	4.825	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.400%
41) Toluene-d8	7.314	98	140465	3.530	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.600%
43) trans-1,3-Dichloroprop...	7.622	79	19318	4.150	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.000%
46) 2-Hexanone-d5	8.088	63	78126	43.370	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.740%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	43914	4.517	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	53078	4.987	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	3037	0.192	ug/L	99
3) Chloromethane	1.237	50	3835	0.242	ug/L	96
5) Vinyl chloride	1.307	62	2980	0.202	ug/L #	28
6) Bromomethane	1.516	94	1501	0.218	ug/L	93
8) Chloroethane	1.307	64	1484	0.181	ug/L	94
9) Trichlorofluoromethane	1.748	101	4005	0.203	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	2775	0.300	ug/L	86
12) 1,1-Dichloroethene	2.111	96	3212	0.335	ug/L #	1
14) Carbon disulfide	2.288	76	8014	0.209	ug/L	97
16) Methylene chloride	2.500	84	7381	0.480	ug/L	94
17) Methyl tert-butyl Ether	2.764	73	4333	0.194	ug/L #	19
18) trans-1,2-Dichloroethene	2.754	96	2576	0.219	ug/L	95
19) 1,1-Dichloroethane	3.185	63	5174	0.229	ug/L	91
21) 2-Butanone	4.005	43	2043	1.037	ug/L	81
22) cis-1,2-Dichloroethene	3.909	96	2496	0.215	ug/L	94
23) Bromochloromethane	4.246	128	892	0.165	ug/L #	75
25) Chloroform	4.365	83	10415	0.449	ug/L	97
27) 1,2-Dichloroethane	5.140	62	2274	0.172	ug/L #	83
29) 1,1,1-Trichloroethane	4.603	97	4517	0.218	ug/L #	86

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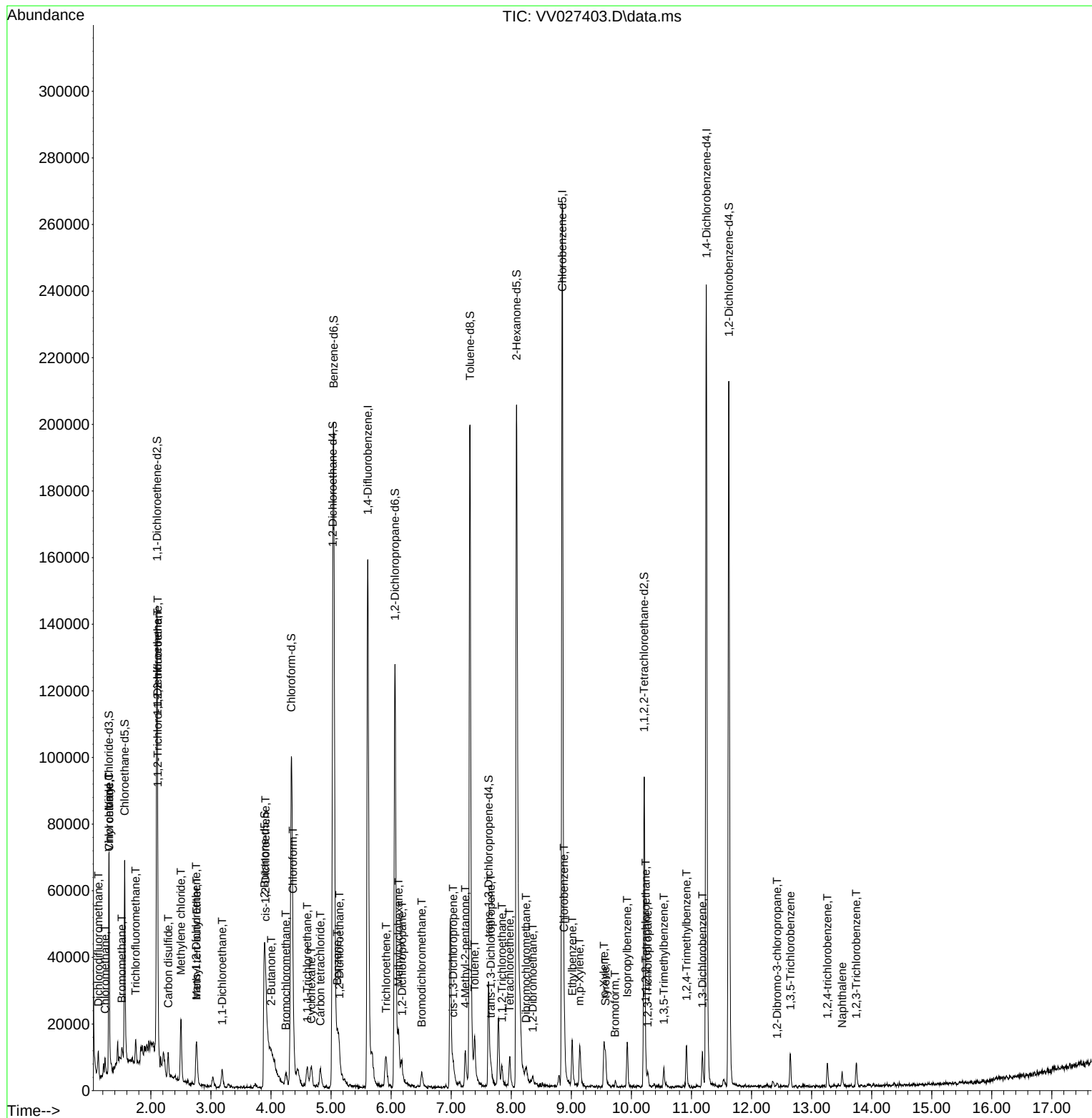
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) Cyclohexane	4.671	56	3148	0.187	ug/L	98
31) Carbon tetrachloride	4.822	117	3789	0.210	ug/L	93
33) Benzene	5.101	78	11051	0.219	ug/L	100
34) Trichloroethene	5.918	95	2683	0.214	ug/L	92
35) Methylcyclohexane	6.124	83	3538	0.205	ug/L	92
37) 1,2-Dichloropropane	6.182	63	1951	0.157	ug/L #	85
38) Bromodichloromethane	6.510	83	3749	0.234	ug/L	98
39) cis-1,3-Dichloropropene	7.034	75	3116	0.205	ug/L	97
40) 4-Methyl-2-pentanone	7.233	43	8585	1.336	ug/L #	89
42) Toluene	7.391	91	10536	0.210	ug/L	98
44) trans-1,3-Dichloropropene	7.661	75	2519	0.189	ug/L #	74
45) 1,1,2-Trichloroethane	7.847	97	1553	0.175	ug/L	89
47) Tetrachloroethene	7.976	164	2156	0.219	ug/L	88
49) Dibromochloromethane	8.246	129	2033	0.196	ug/L	90
50) 1,2-Dibromoethane	8.359	107	1565	0.198	ug/L #	81
51) Chlorobenzene	8.879	112	6876	0.210	ug/L	93
52) Ethylbenzene	9.014	91	8885	0.176	ug/L	96
53) m,p-Xylene	9.137	106	3625	0.188	ug/L	82
54) o-Xylene	9.545	106	3560	0.189	ug/L	94
55) Styrene	9.567	104	4938	0.152	ug/L	84
57) 1,1,2,2-Tetrachloroethane	10.239	83	2167	0.219	ug/L #	93
59) Bromoform	9.728	173	919	0.221	ug/L #	93
60) Isopropylbenzene	9.931	105	7893	0.203	ug/L	95
61) 1,2,3-Trichloropropane	10.272	75	1423	0.240	ug/L #	87
62) 1,3,5-Trimethylbenzene	10.538	105	2861	0.267	ug/L	97
63) 1,2,4-Trimethylbenzene	10.918	105	6766	0.220	ug/L	99
64) 1,3-Dichlorobenzene	11.185	146	4042	0.208	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.426	75	186	0.150	ug/L	91
69) 1,3,5-Trichlorobenzene	12.648	180	2888	0.206	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	2360	0.226	ug/L #	83
71) Naphthalene	13.509	128	3366	0.208	ug/L #	94
72) 1,2,3-Trichlorobenzene	13.744	180	1738	0.178	ug/L	88

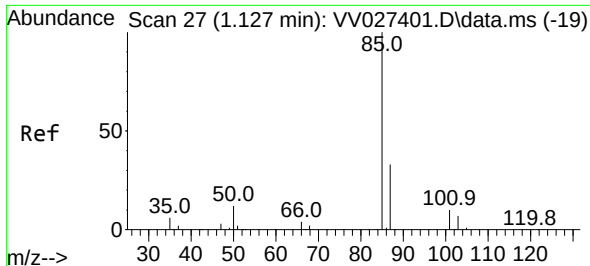
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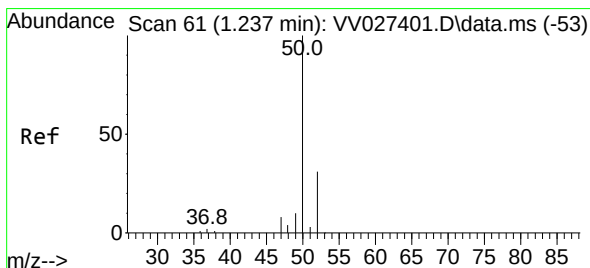
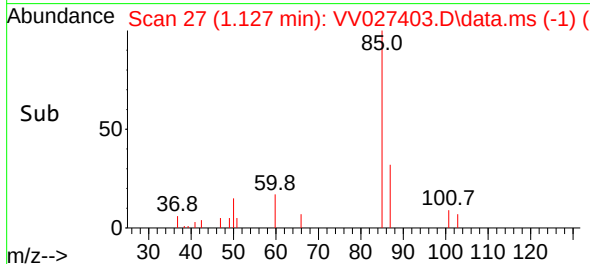
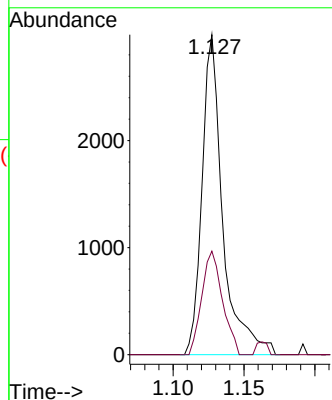
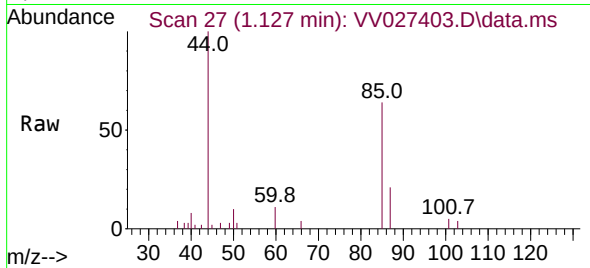




#2
 Dichlorodifluoromethane
 Concen: 0.192 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV027403.D
 Acq: 16 Aug 2022 10:41

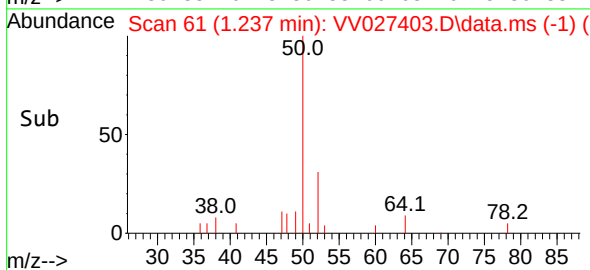
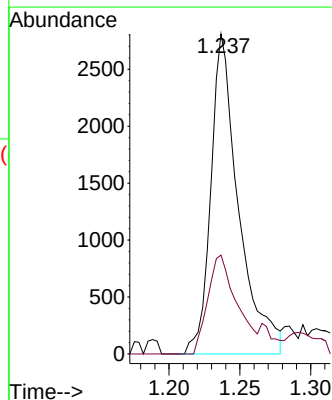
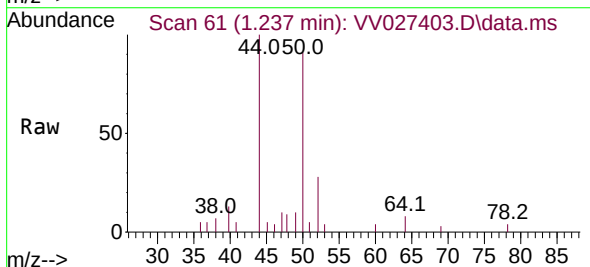
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 ClientSampleId :
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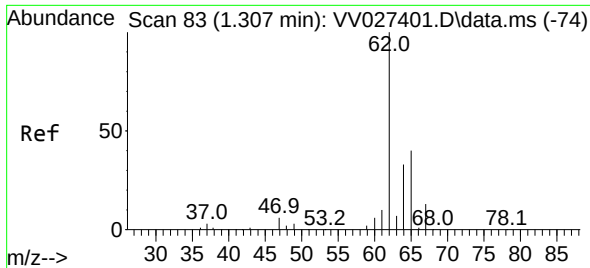
Tgt Ion: 85 Resp: 3037
 Ion Ratio Lower Upper
 85 100
 87 32.3 26.2 39.4



#3
 Chloromethane
 Concen: 0.242 ug/L
 RT: 1.237 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VV027403.D
 Acq: 16 Aug 2022 10:41

Tgt Ion: 50 Resp: 3835
 Ion Ratio Lower Upper
 50 100
 52 30.9 23.4 43.4

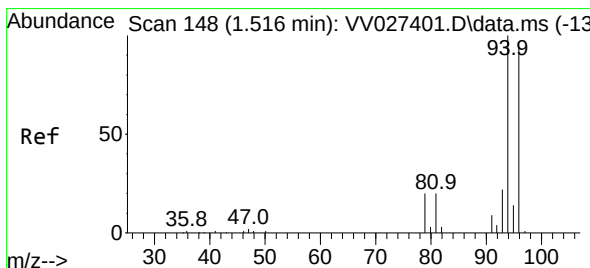
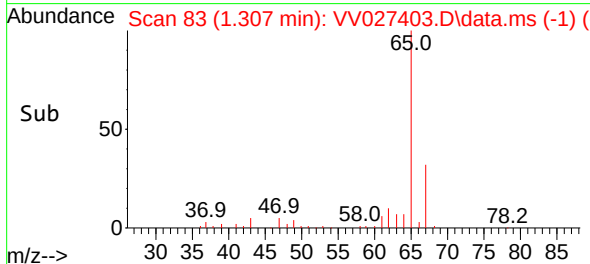
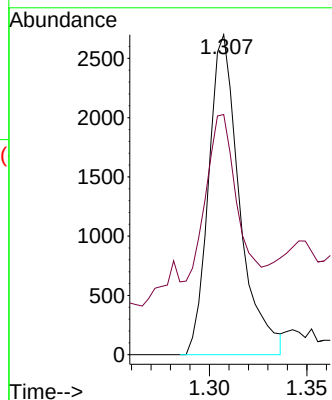
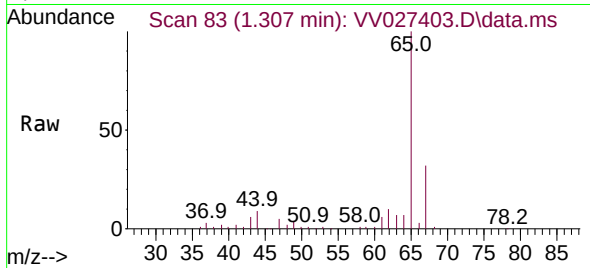




#5
 Vinyl chloride
 Concen: 0.202 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VV027403.D
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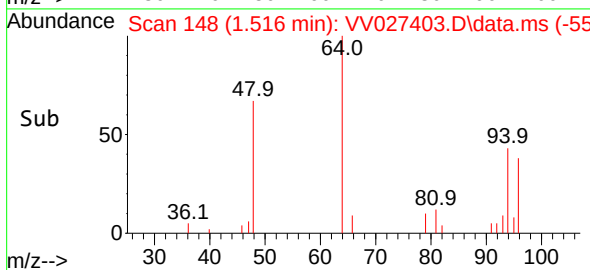
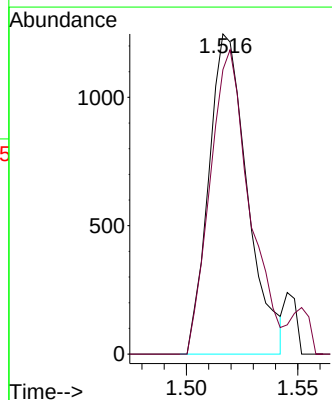
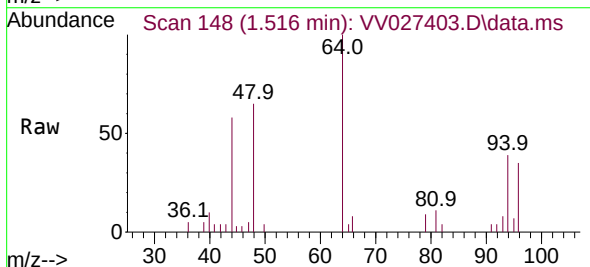
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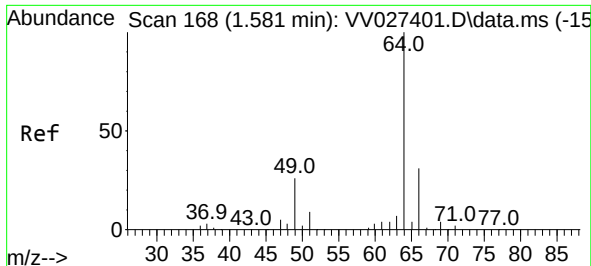
Tgt Ion: 62 Resp: 2980
 Ion Ratio Lower Upper
 62 100
 64 75.1 23.7 44.1#



#6
 Bromomethane
 Concen: 0.218 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VV027403.D
 Acq: 16 Aug 2022 10:41

Tgt Ion: 94 Resp: 1501
 Ion Ratio Lower Upper
 94 100
 96 88.9 67.2 124.8

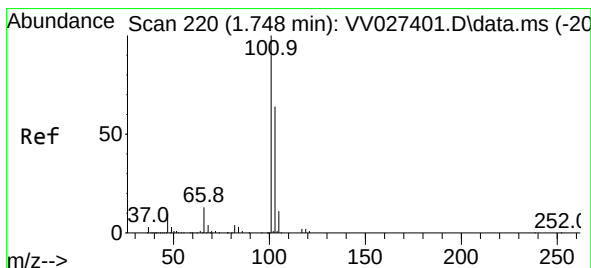
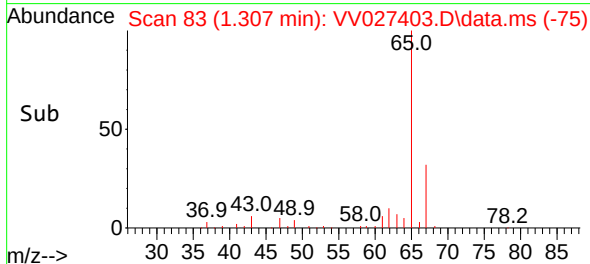
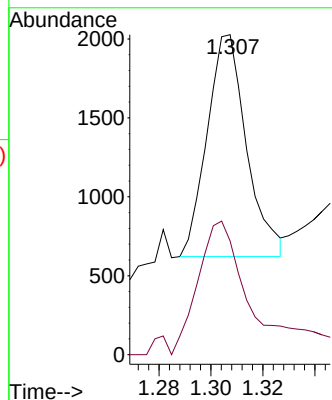
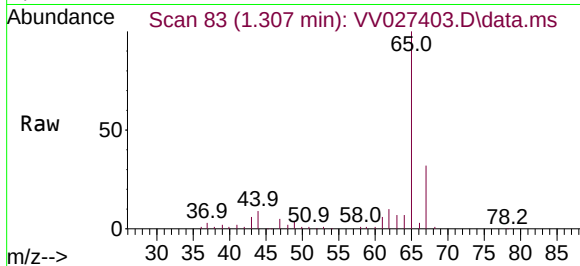




#8
Chloroethane
Concen: 0.181 ug/L
RT: 1.307 min Scan# 81
Delta R.T. -0.273 min
Lab File: VV027403.D
Acq: 16 Aug 2022 10:41

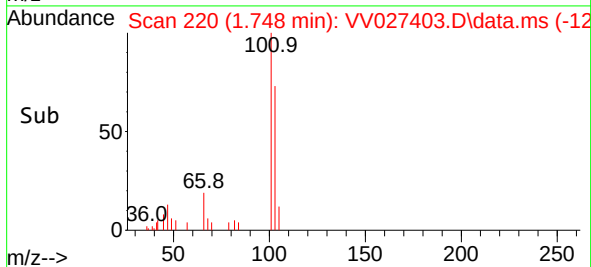
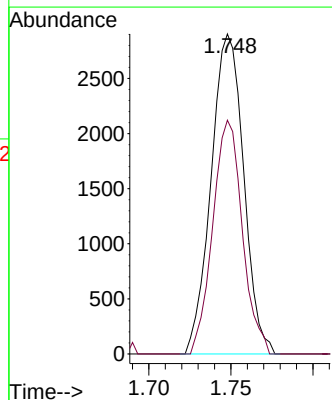
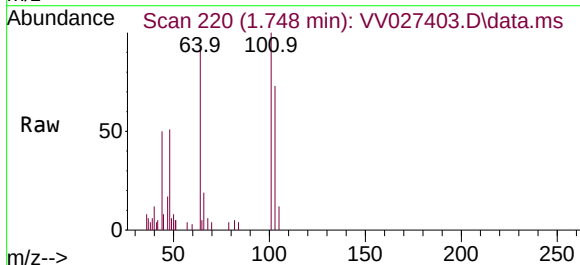
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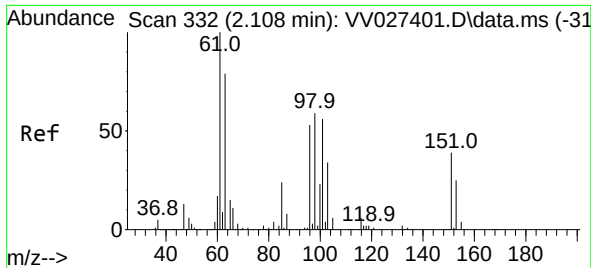
Tgt Ion: 64 Resp: 1484
Ion Ratio Lower Upper
64 100
66 35.5 22.3 41.5



#9
Trichlorofluoromethane
Concen: 0.203 ug/L
RT: 1.748 min Scan# 220
Delta R.T. 0.000 min
Lab File: VV027403.D
Acq: 16 Aug 2022 10:41

Tgt Ion: 101 Resp: 4005
Ion Ratio Lower Upper
101 100
103 66.3 51.4 77.0

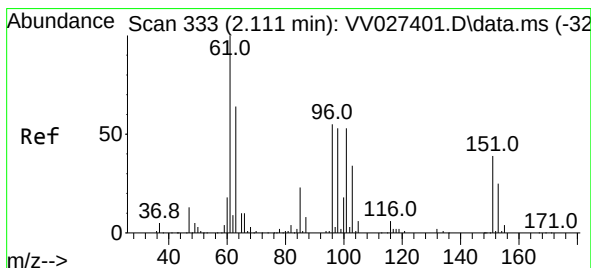
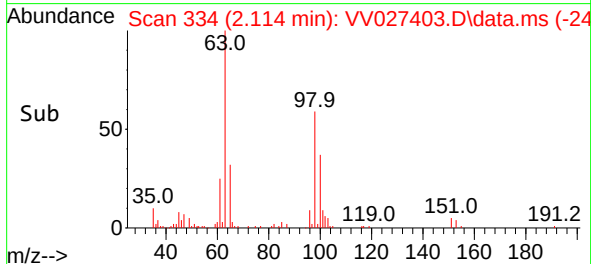
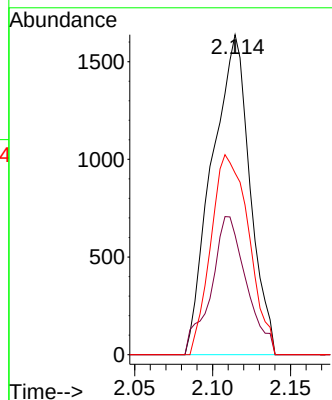
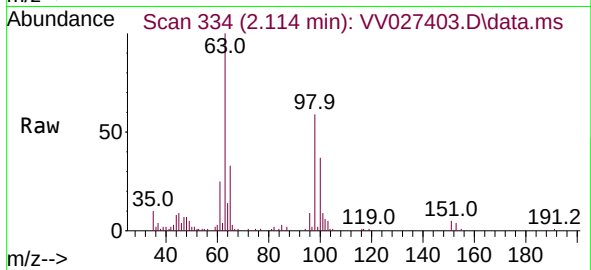




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.300 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.003 min
 Lab File: VV027403.D
 Acq: 16 Aug 2022 10:41

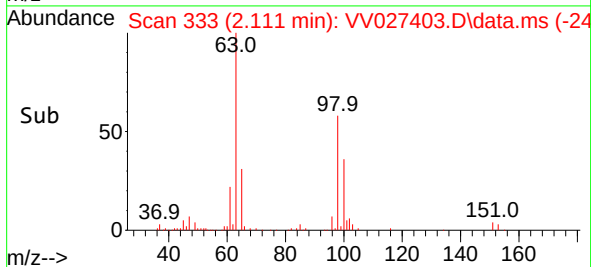
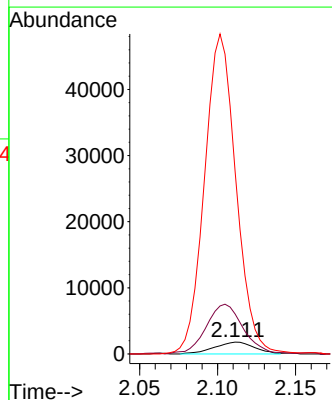
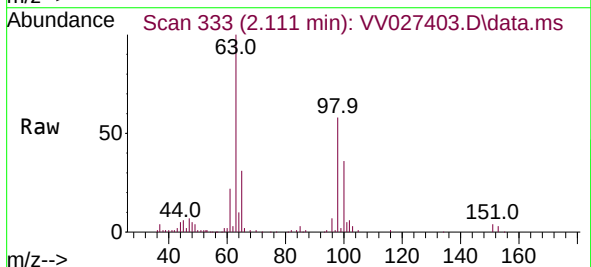
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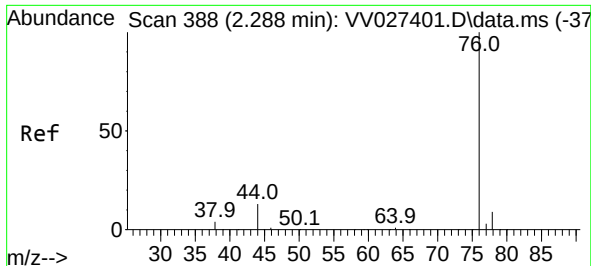
Tgt Ion:101 Resp: 2775
 Ion Ratio Lower Upper
 101 100
 85 40.2 36.2 54.4
 151 62.8 62.0 93.0



#12
 1,1-Dichloroethene
 Concen: 0.335 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. 0.000 min
 Lab File: VV027403.D
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Tgt Ion: 96 Resp: 3212
 Ion Ratio Lower Upper
 96 100
 61 335.7 130.7 242.7#
 63 1536.9 101.4 188.2#

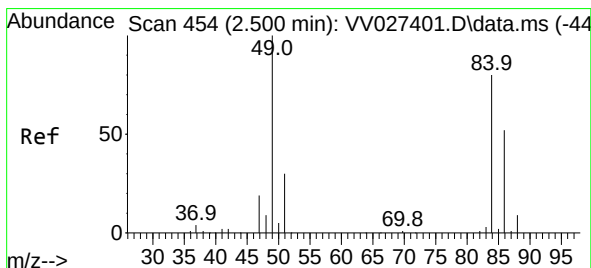
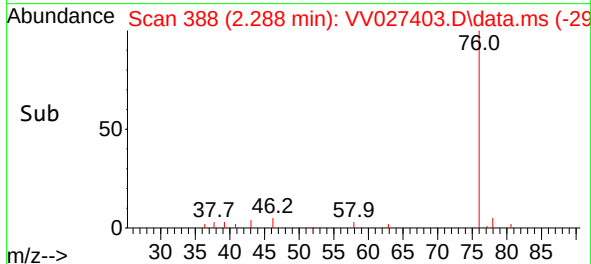
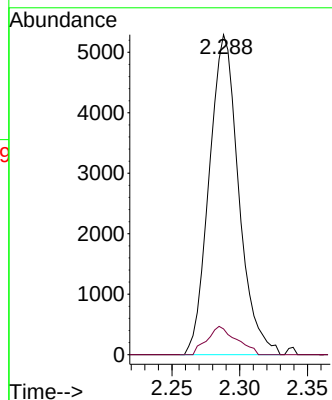
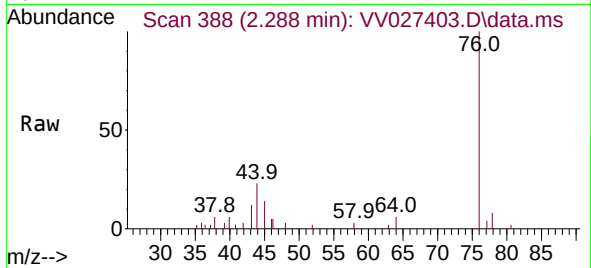




#14
Carbon disulfide
Concen: 0.209 ug/L
RT: 2.288 min Scan# 388
Delta R.T. 0.000 min
Lab File: VV027403.D
Acq: 16 Aug 2022 10:41

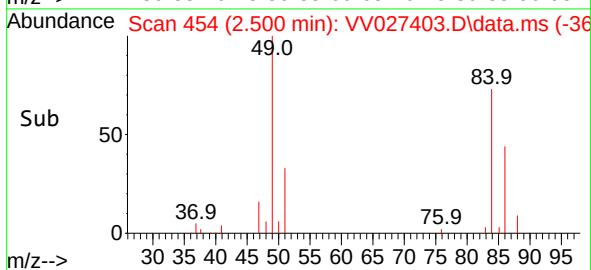
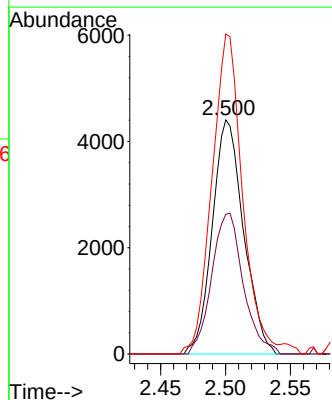
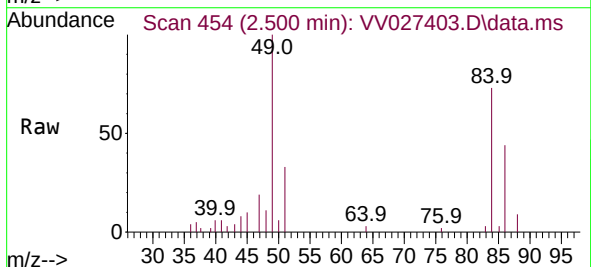
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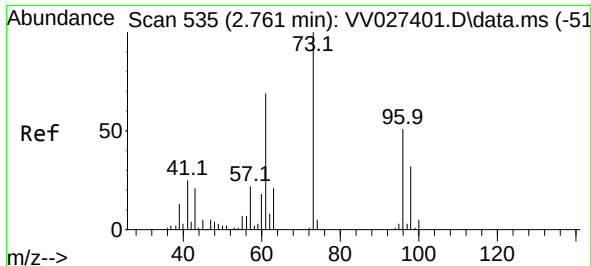
Tgt Ion: 76 Resp: 8014
Ion Ratio Lower Upper
76 100
78 8.1 7.2 10.8



#16
Methylene chloride
Concen: 0.480 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.000 min
Lab File: VV027403.D
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Tgt Ion: 84 Resp: 7381
Ion Ratio Lower Upper
84 100
86 59.6 45.1 83.9
49 136.7 91.2 169.4

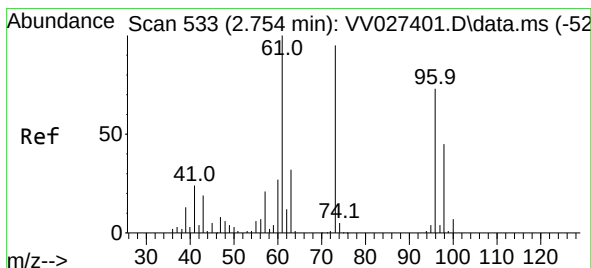
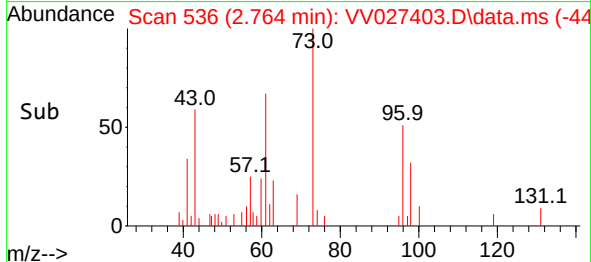
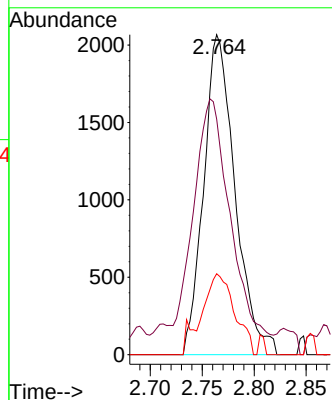
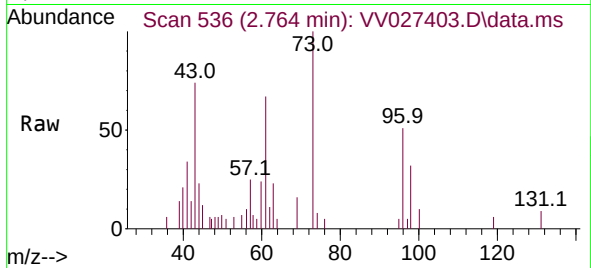




#17
Methyl tert-butyl Ether
Concen: 0.194 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV027403.D
Acq: 16 Aug 2022 10:41

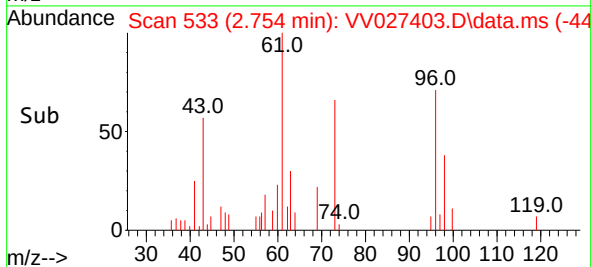
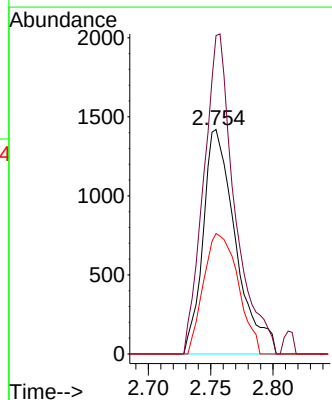
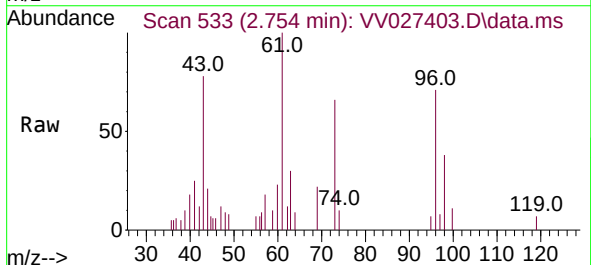
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2022-05

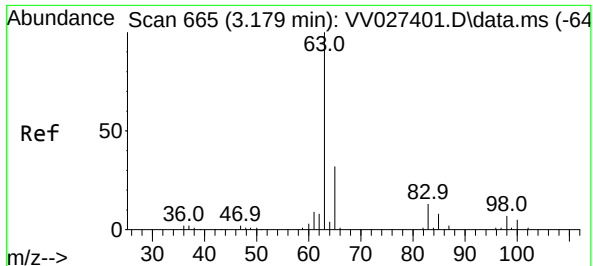
Tgt Ion: 73 Resp: 4333
Ion Ratio Lower Upper
73 100
43 98.8 15.8 23.8#
57 23.5 18.3 27.5



#18
trans-1,2-Dichloroethene
Concen: 0.219 ug/L
RT: 2.754 min Scan# 533
Delta R.T. 0.000 min
Lab File: VV027403.D
Acq: 16 Aug 2022 10:41

Tgt Ion: 96 Resp: 2576
Ion Ratio Lower Upper
96 100
61 141.8 99.6 185.0
98 53.7 45.1 83.7





#19

1,1-Dichloroethane

Concen: 0.229 ug/L

RT: 3.185 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV027403.D

Acq: 16 Aug 2022 10:41

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT3-2022-05

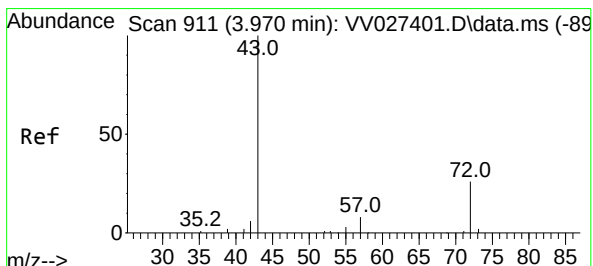
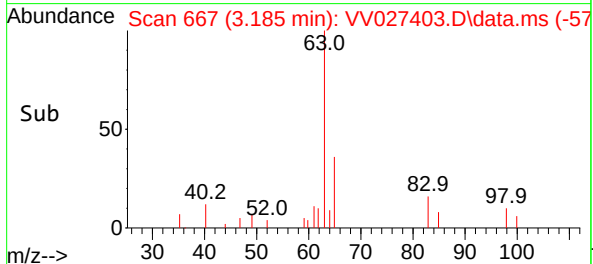
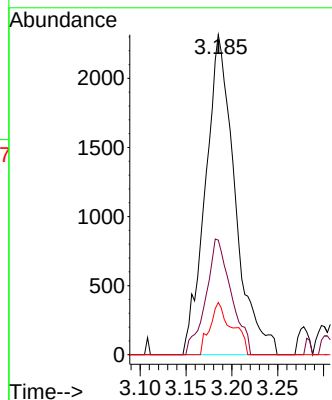
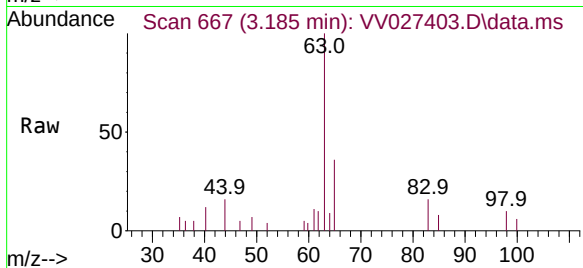
Tgt Ion: 63 Resp: 5174

Ion Ratio Lower Upper

63 100

65 35.8 21.6 40.2

83 16.3 9.3 17.3



#21

2-Butanone

Concen: 1.037 ug/L

RT: 4.005 min Scan# 922

Delta R.T. 0.042 min

Lab File: VV027403.D

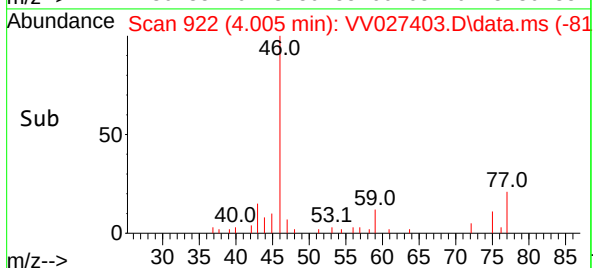
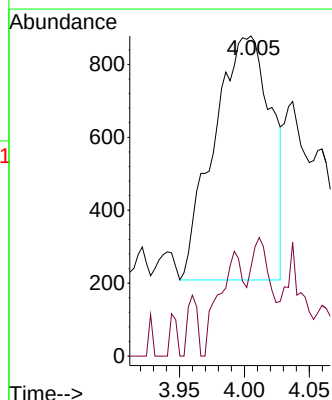
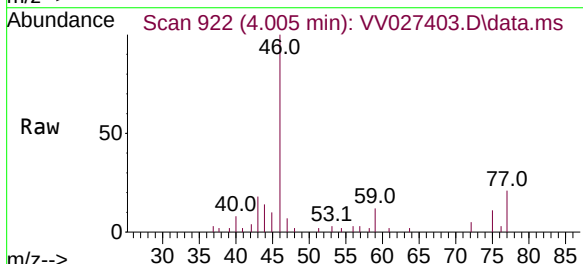
Acq: 16 Aug 2022 10:41

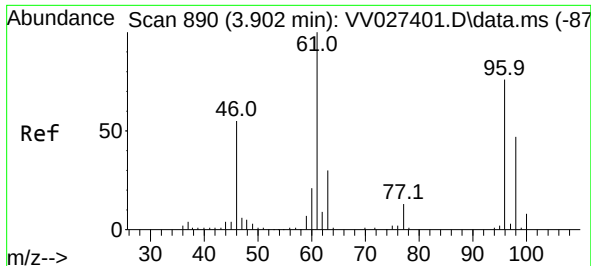
Tgt Ion: 43 Resp: 2043

Ion Ratio Lower Upper

43 100

72 16.3 12.9 38.6

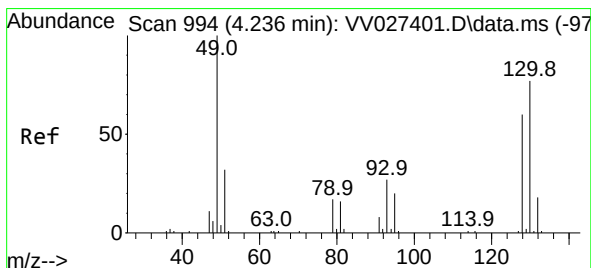
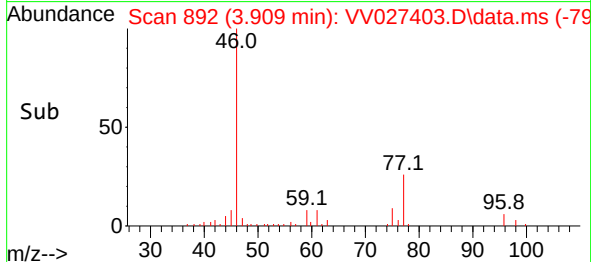
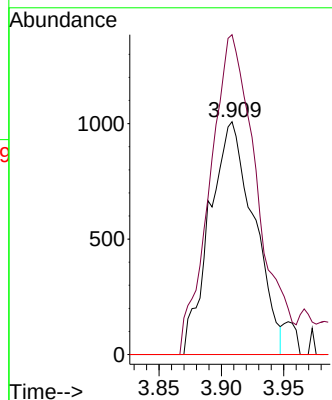
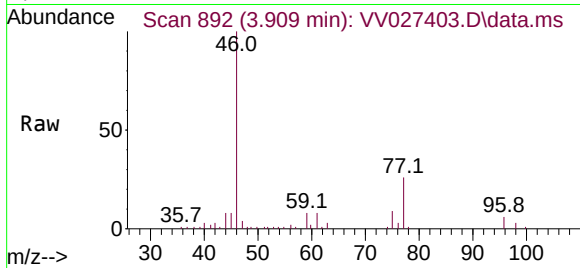




#22
 cis-1,2-Dichloroethene
 Concen: 0.215 ug/L
 RT: 3.909 min Scan# 891
 Delta R.T. 0.007 min
 Lab File: VV027403.D
 Acq: 16 Aug 2022 10:41

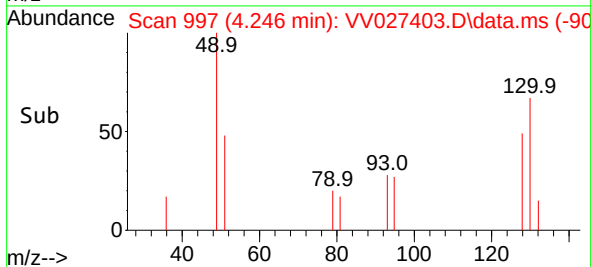
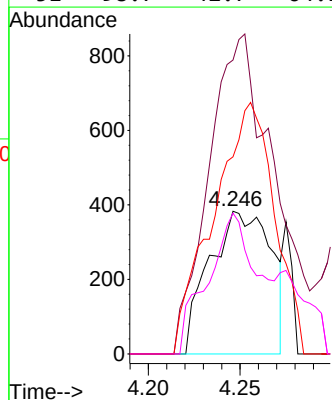
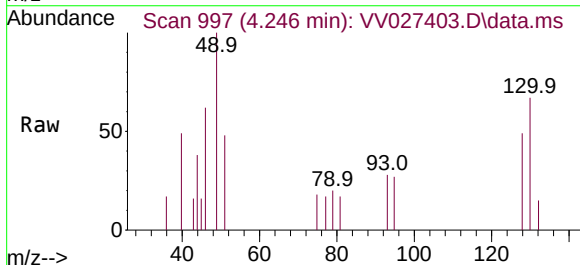
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT3-2022-05

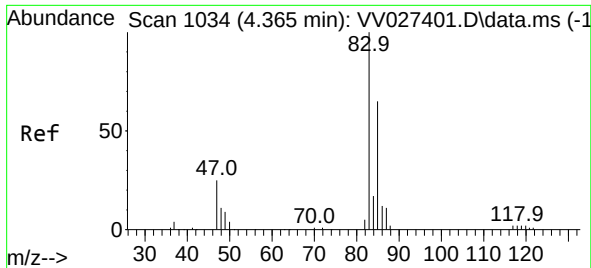
Tgt Ion: 96 Resp: 2496
 Ion Ratio Lower Upper
 96 100
 61 137.4 91.3 169.5
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 0.165 ug/L
 RT: 4.246 min Scan# 997
 Delta R.T. 0.007 min
 Lab File: VV027403.D
 Acq: 16 Aug 2022 10:41

Tgt Ion: 128 Resp: 892
 Ion Ratio Lower Upper
 128 100
 49 206.0 118.5 220.1
 130 138.1 90.3 167.7
 51 98.7 42.7 64.1#

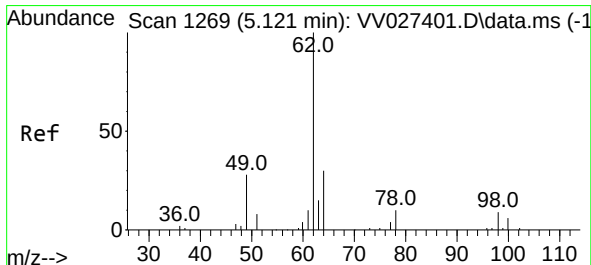
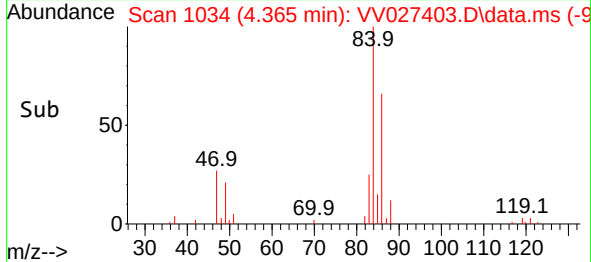
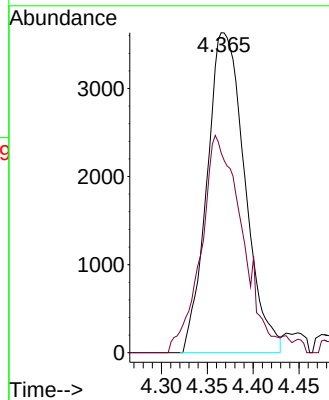
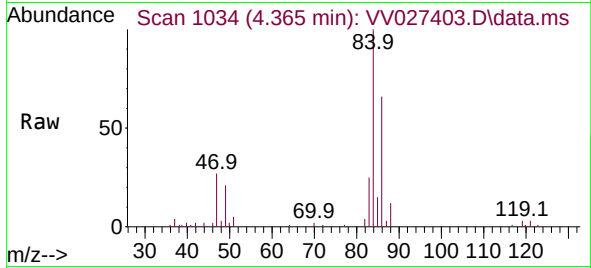




#25
Chloroform
Concen: 0.449 ug/L
RT: 4.365 min Scan# 1034
Delta R.T. 0.000 min
Lab File: VV027403.D
Acq: 16 Aug 2022 10:41

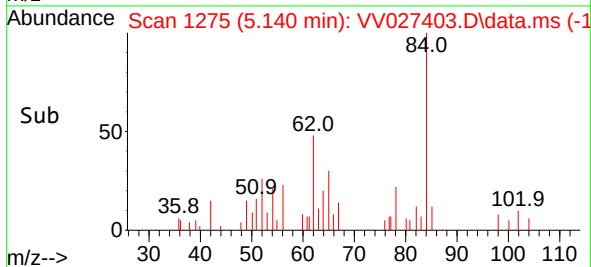
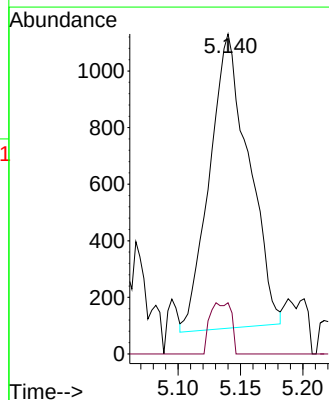
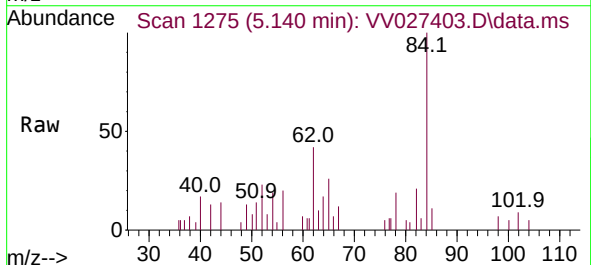
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2022-05

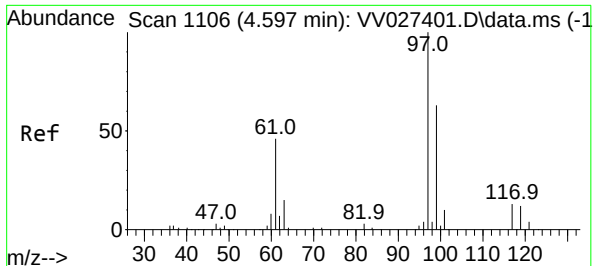
Tgt Ion: 83 Resp: 10415
Ion Ratio Lower Upper
83 100
85 62.4 45.2 84.0



#27
1,2-Dichloroethane
Concen: 0.172 ug/L
RT: 5.140 min Scan# 1275
Delta R.T. 0.016 min
Lab File: VV027403.D
Acq: 16 Aug 2022 10:41

Tgt Ion: 62 Resp: 2274
Ion Ratio Lower Upper
62 100
98 16.0 7.8 11.8#





#29

1,1,1-Trichloroethane

Concen: 0.218 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. 0.003 min

Lab File: VV027403.D

Acq: 16 Aug 2022 10:41

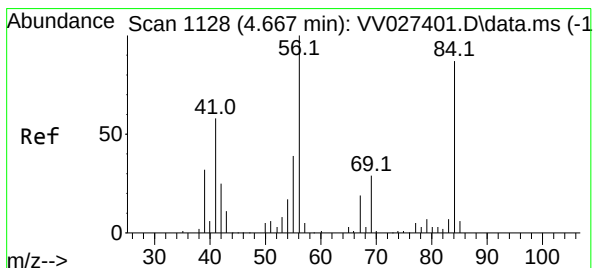
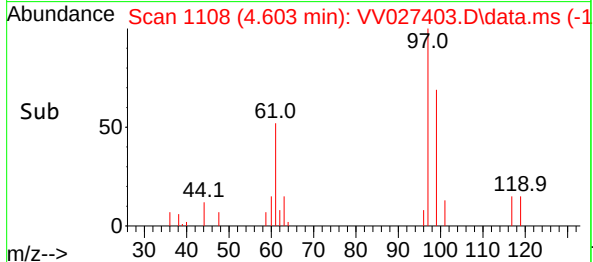
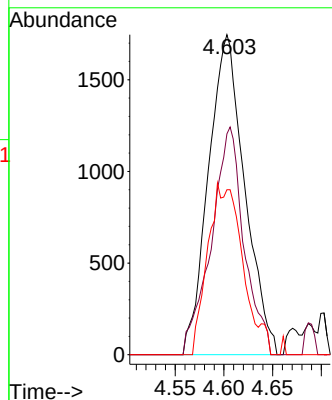
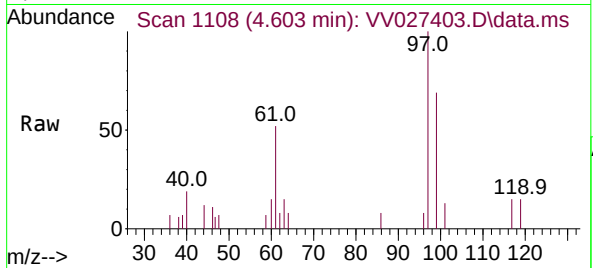
Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT3-2022-05

Tgt Ion: 97	Resp: 4517
Ion Ratio	Lower Upper
97 100	
99 64.3	50.8 76.2
61 25.1	36.5 54.7#



#30

Cyclohexane

Concen: 0.187 ug/L

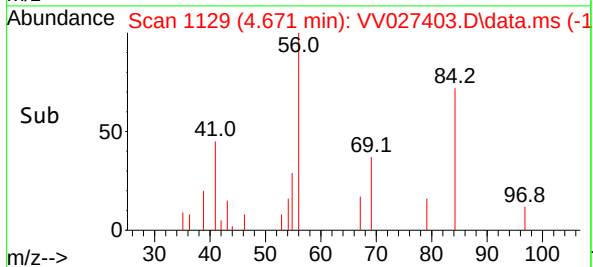
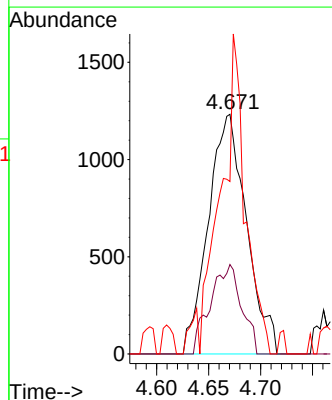
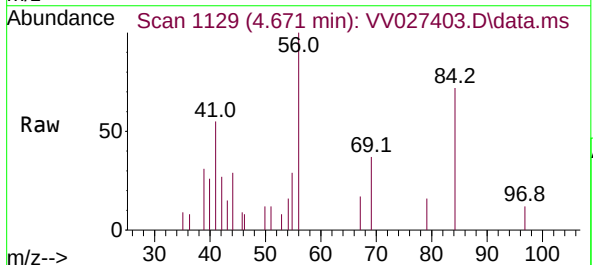
RT: 4.671 min Scan# 1129

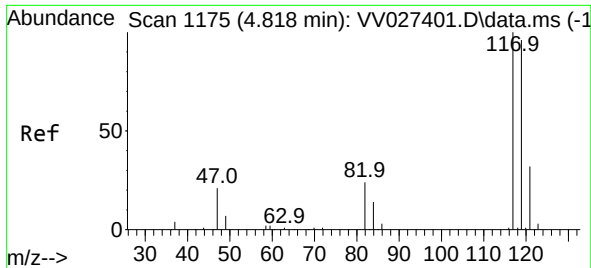
Delta R.T. 0.003 min

Lab File: VV027403.D

Acq: 16 Aug 2022 10:41

Tgt Ion: 56	Resp: 3148
Ion Ratio	Lower Upper
56 100	
69 30.7	24.0 36.0
84 88.9	69.1 103.7

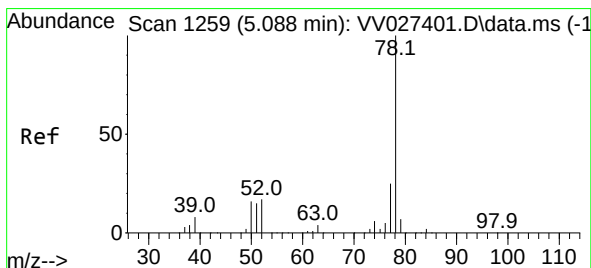
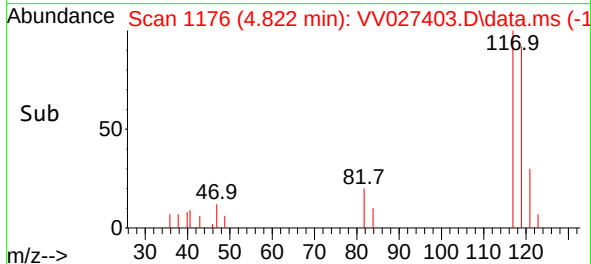
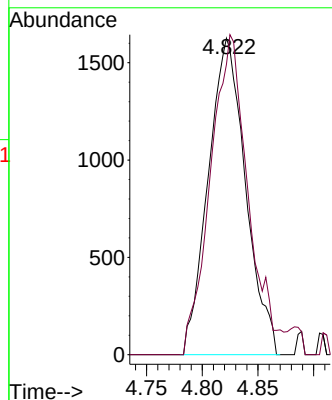
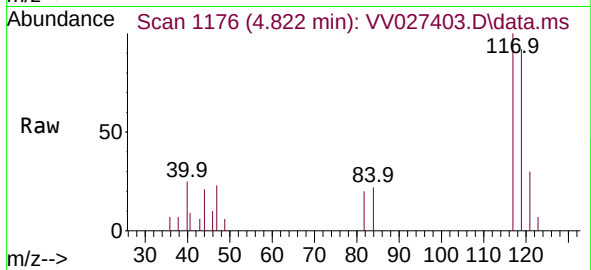




#31
Carbon tetrachloride
Concen: 0.210 ug/L
RT: 4.822 min Scan# 1175
Delta R.T. 0.003 min
Lab File: VV027403.D
Acq: 16 Aug 2022 10:41

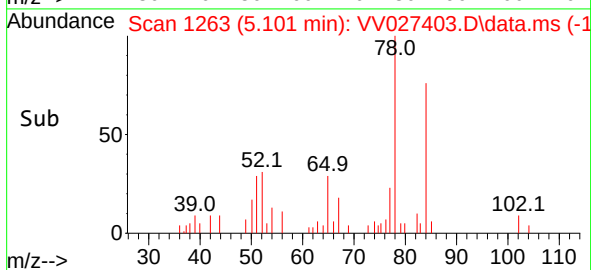
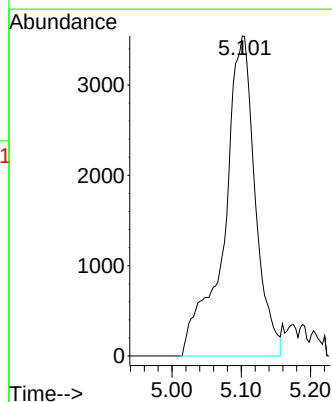
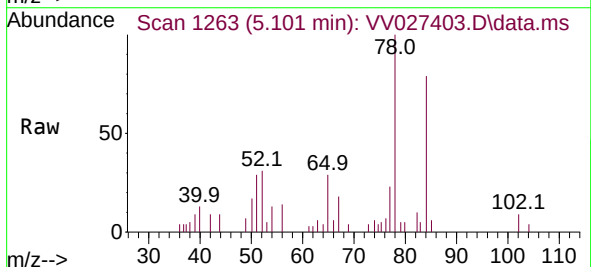
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2022-05

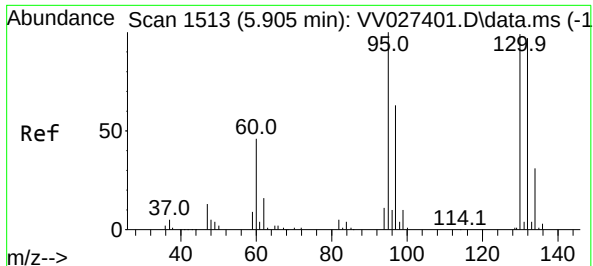
Tgt Ion:117 Resp: 3789
Ion Ratio Lower Upper
117 100
119 102.3 76.6 115.0



#33
Benzene
Concen: 0.219 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.010 min
Lab File: VV027403.D
Acq: 16 Aug 2022 10:41

Tgt Ion: 78 Resp: 11051





#34

Trichloroethene

Concen: 0.214 ug/L

RT: 5.918 min Scan# 1

Delta R.T. 0.010 min

Lab File: VV027403.D

Acq: 16 Aug 2022 10:41

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT3-2022-05

Tgt Ion: 95 Resp: 2683

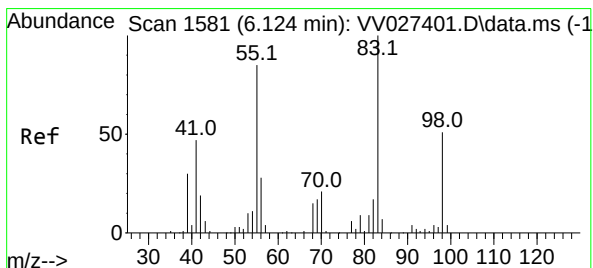
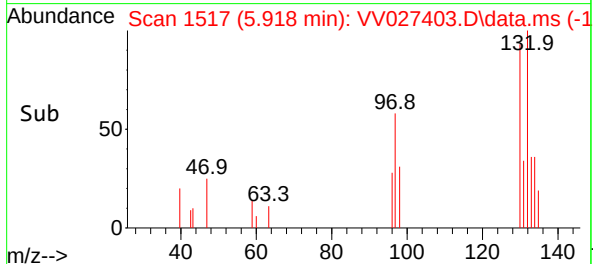
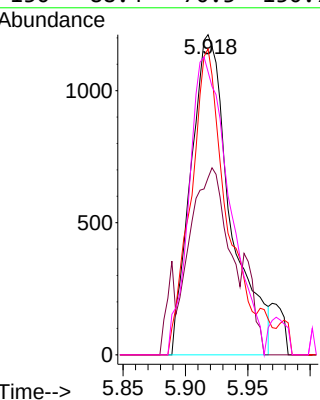
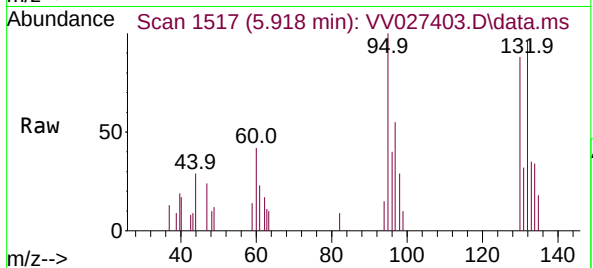
Ion Ratio Lower Upper

95 100

97 55.3 45.5 84.5

132 95.5 68.2 126.6

130 88.4 70.3 130.7



#35

Methylcyclohexane

Concen: 0.205 ug/L

RT: 6.124 min Scan# 1581

Delta R.T. 0.000 min

Lab File: VV027403.D

Acq: 16 Aug 2022 10:41

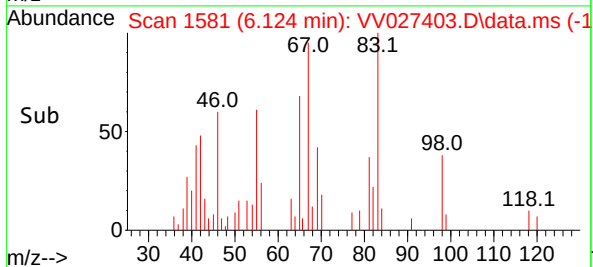
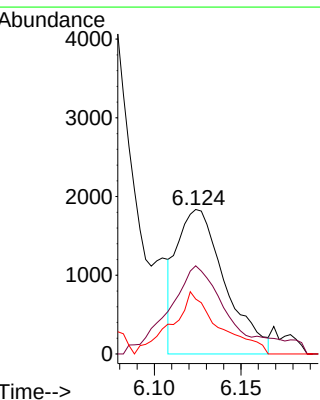
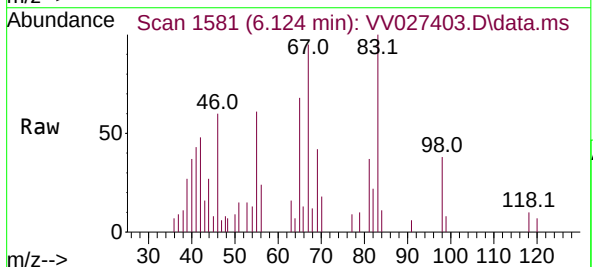
Tgt Ion: 83 Resp: 3538

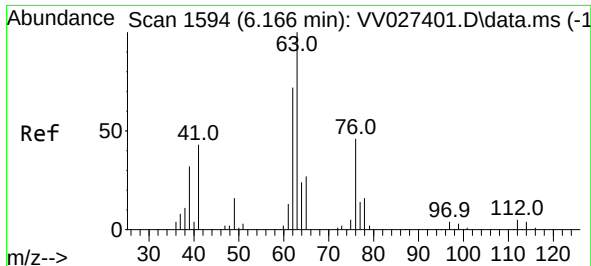
Ion Ratio Lower Upper

83 100

55 77.7 67.0 100.6

98 42.3 38.7 58.1





#37

1,2-Dichloropropane

Concen: 0.157 ug/L

RT: 6.182 min Scan# 1

Delta R.T. 0.016 min

Lab File: VV027403.D

Acq: 16 Aug 2022 10:41

Instrument :

MSVOA_V

ClientSampleId :

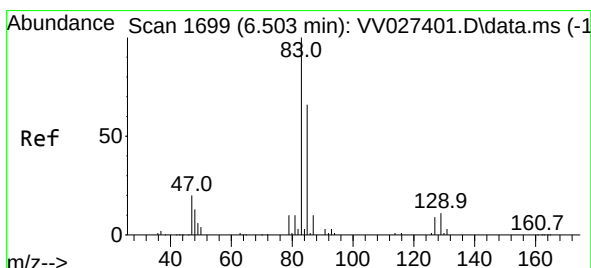
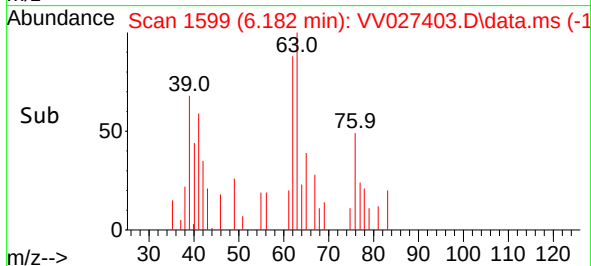
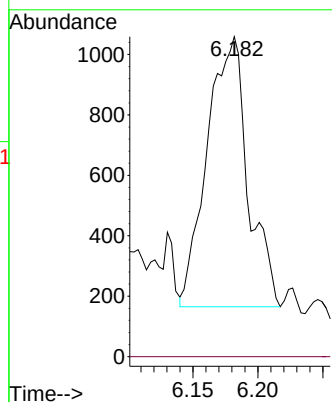
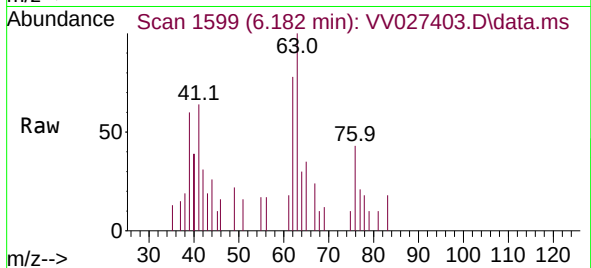
MDL-WATER-QT3-2022-05

Tgt Ion: 63 Resp: 1951

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#38

Bromodichloromethane

Concen: 0.234 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.007 min

Lab File: VV027403.D

Acq: 16 Aug 2022 10:41

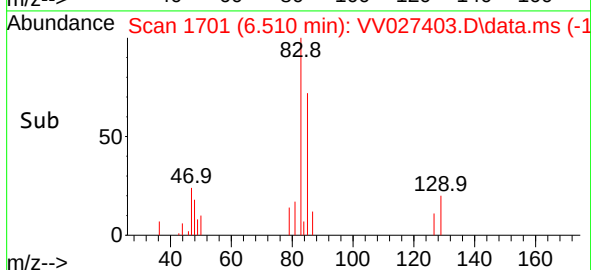
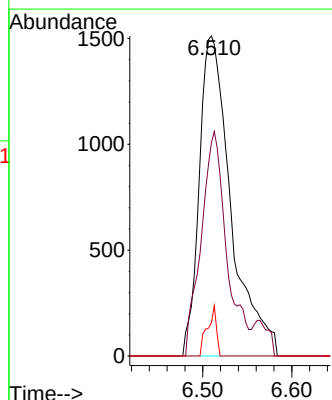
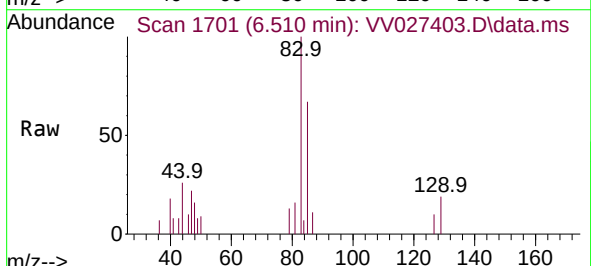
Tgt Ion: 83 Resp: 3749

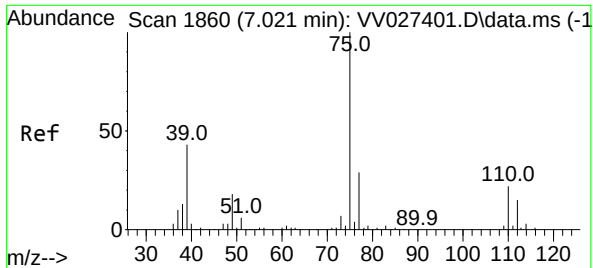
Ion Ratio Lower Upper

83 100

85 66.6 45.4 84.4

127 10.3 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 0.205 ug/L

RT: 7.034 min Scan# 11

Delta R.T. 0.010 min

Lab File: VV027403.D

Acq: 16 Aug 2022 10:41

Instrument :

MSVOA_V

ClientSampleId :

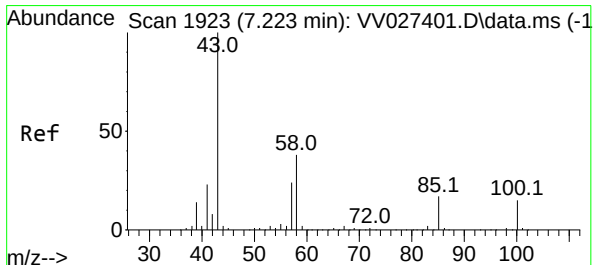
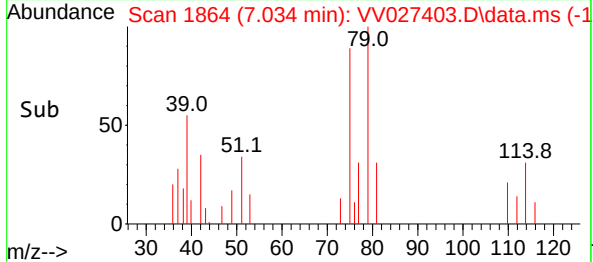
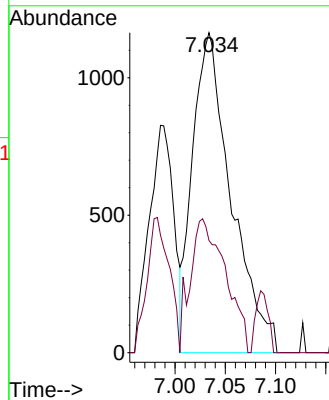
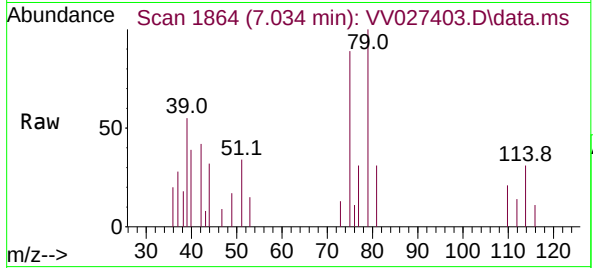
MDL-WATER-QT3-2022-05

Tgt Ion: 75 Resp: 3116

Ion Ratio Lower Upper

75 100

77 35.1 23.2 43.0



#40

4-Methyl-2-pentanone

Concen: 1.336 ug/L

RT: 7.233 min Scan# 1926

Delta R.T. 0.013 min

Lab File: VV027403.D

Acq: 16 Aug 2022 10:41

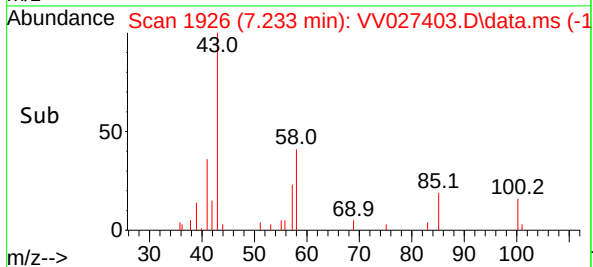
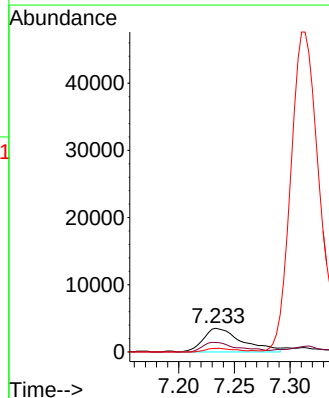
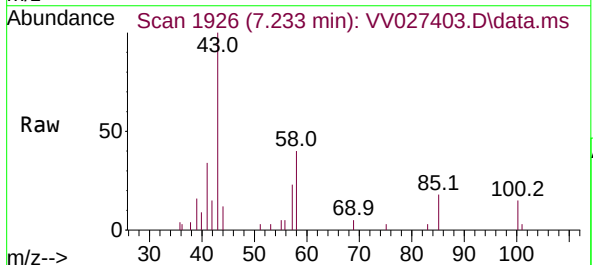
Tgt Ion: 43 Resp: 8585

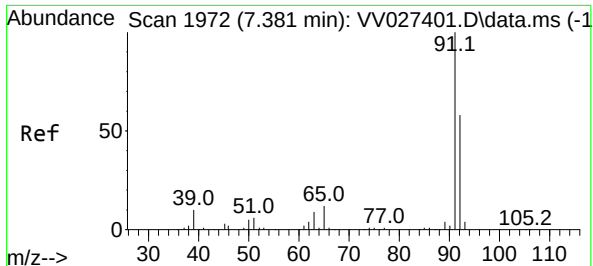
Ion Ratio Lower Upper

43 100

58 36.5 31.0 46.4

100 0.0 10.9 16.3#

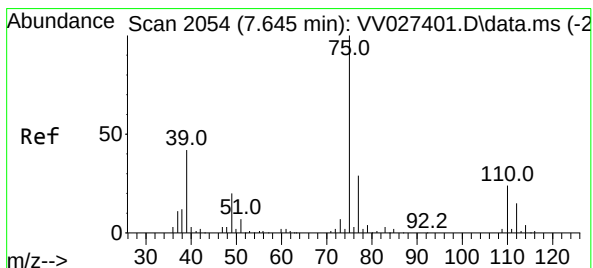
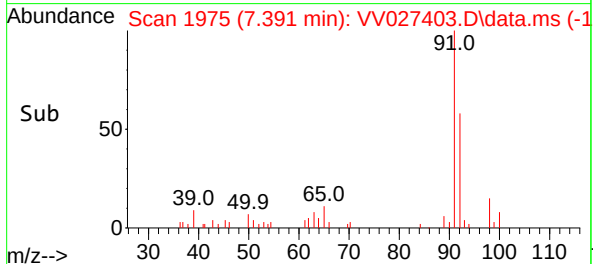
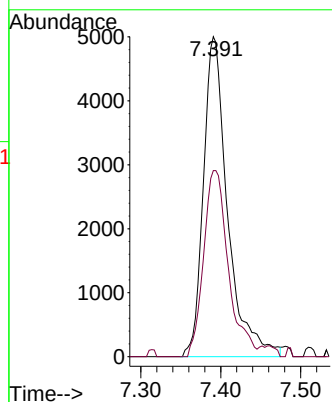
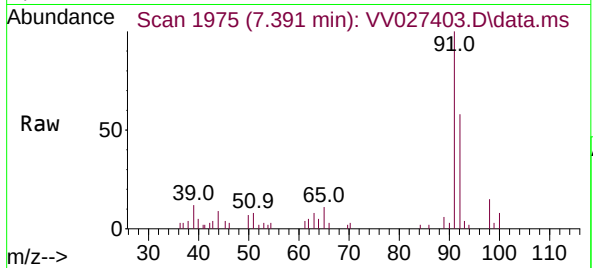




#42
Toluene
Concen: 0.210 ug/L
RT: 7.391 min Scan# 1972
Delta R.T. 0.010 min
Lab File: VV027403.D
Acq: 16 Aug 2022 10:41

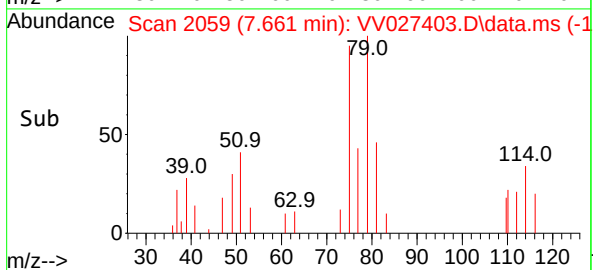
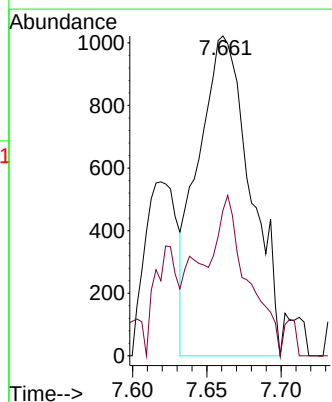
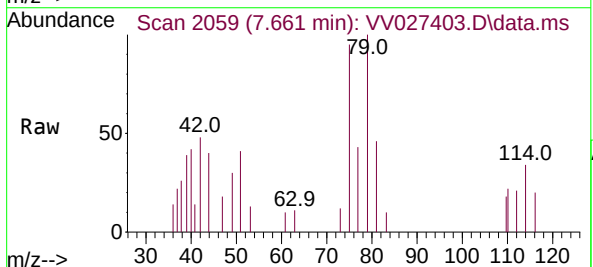
Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT3-2022-05

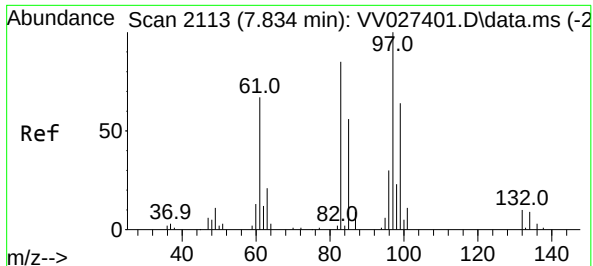
Tgt Ion: 91 Resp: 10536
Ion Ratio Lower Upper
91 100
92 58.1 39.9 74.1



#44
trans-1,3-Dichloropropene
Concen: 0.189 ug/L
RT: 7.661 min Scan# 2059
Delta R.T. 0.013 min
Lab File: VV027403.D
Acq: 16 Aug 2022 10:41

Tgt Ion: 75 Resp: 2519
Ion Ratio Lower Upper
75 100
77 45.5 21.9 40.7#





#45

1,1,2-Trichloroethane

Concen: 0.175 ug/L

RT: 7.847 min Scan# 2117

Delta R.T. 0.013 min

Lab File: VV027403.D

Acq: 16 Aug 2022 10:41

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT3-2022-05

Tgt Ion: 97 Resp: 1553

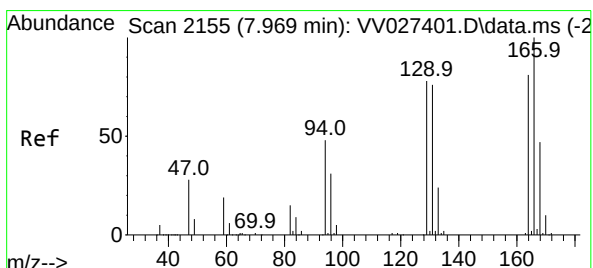
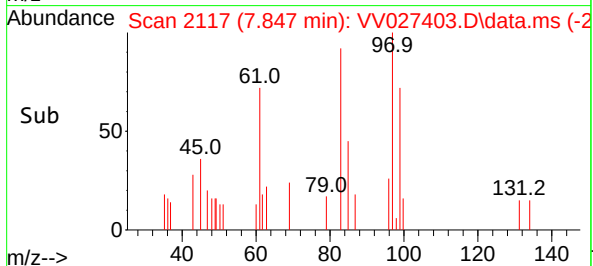
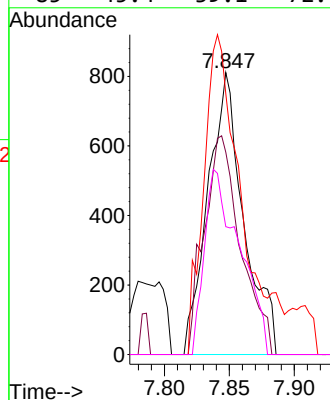
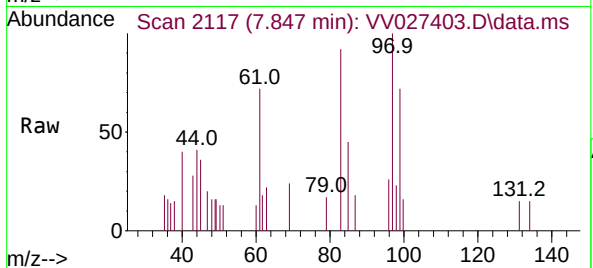
Ion Ratio Lower Upper

97 100

99 71.8 43.7 81.1

83 92.5 59.8 111.0

85 45.4 39.1 72.7



#47

Tetrachloroethene

Concen: 0.219 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.007 min

Lab File: VV027403.D

Acq: 16 Aug 2022 10:41

Tgt Ion: 164 Resp: 2156

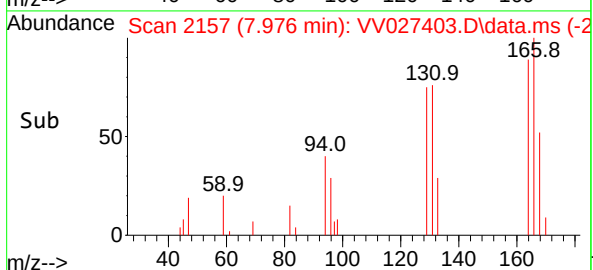
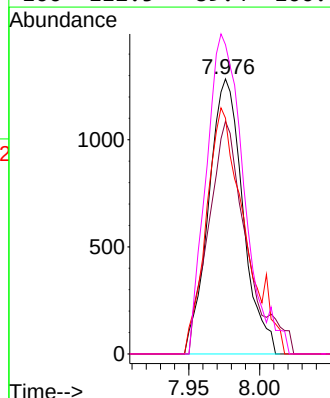
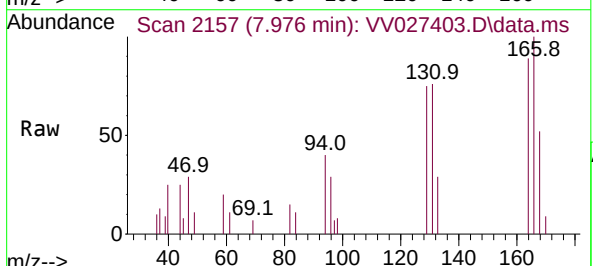
Ion Ratio Lower Upper

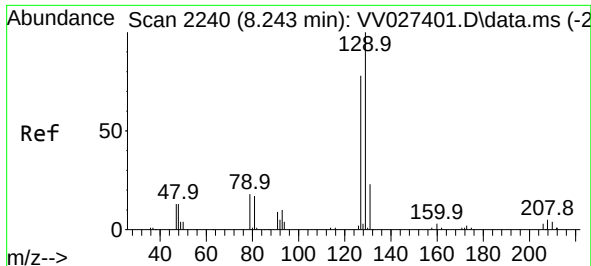
164 100

129 84.6 69.0 128.1

131 85.7 64.7 120.1

166 112.5 89.4 166.0





#49

Dibromochloromethane

Concen: 0.196 ug/L

RT: 8.246 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV027403.D

Acq: 16 Aug 2022 10:41

Instrument :

MSVOA_V

ClientSampleId :

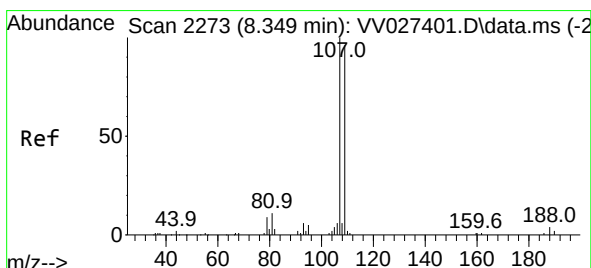
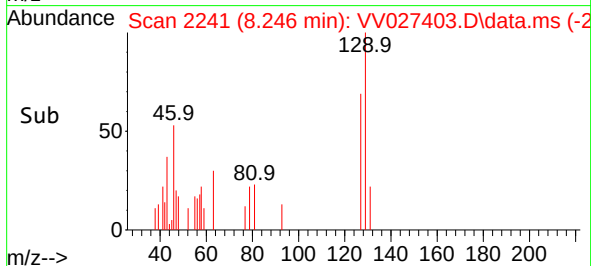
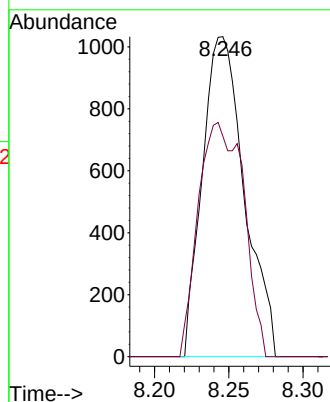
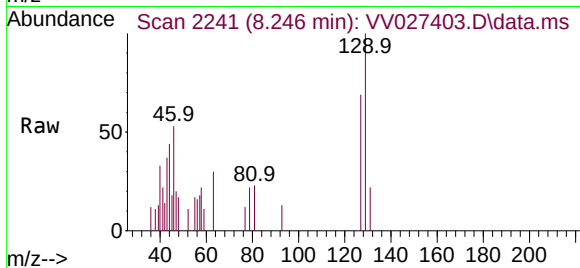
MDL-WATER-QT3-2022-05

Tgt Ion:129 Resp: 2033

Ion Ratio Lower Upper

129 100

127 68.8 54.5 101.3



#50

1,2-Dibromoethane

Concen: 0.198 ug/L

RT: 8.359 min Scan# 2276

Delta R.T. 0.010 min

Lab File: VV027403.D

Acq: 16 Aug 2022 10:41

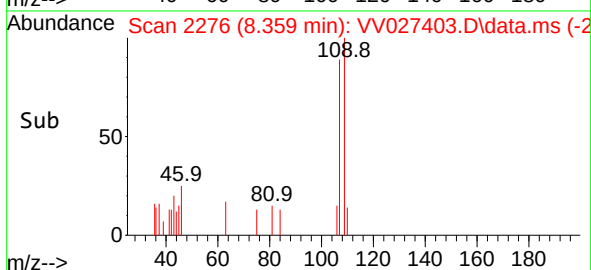
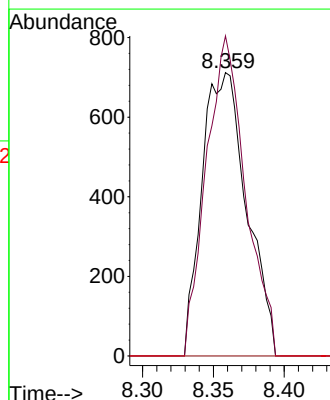
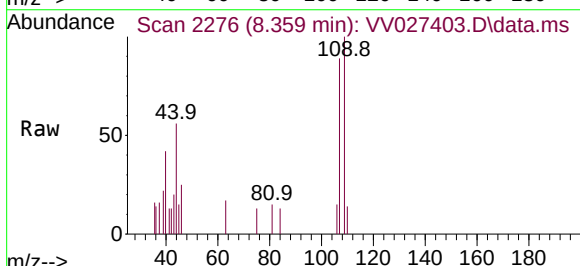
Tgt Ion:107 Resp: 1565

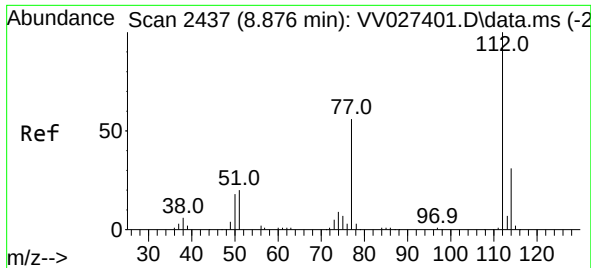
Ion Ratio Lower Upper

107 100

109 112.9 66.1 122.8

188 0.0 3.4 5.2#

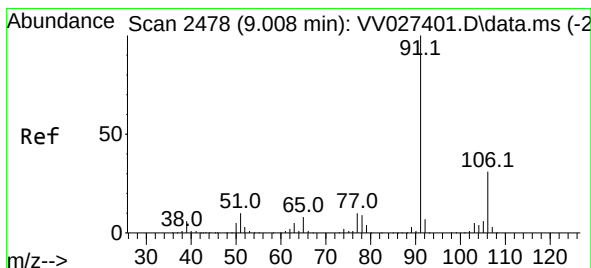
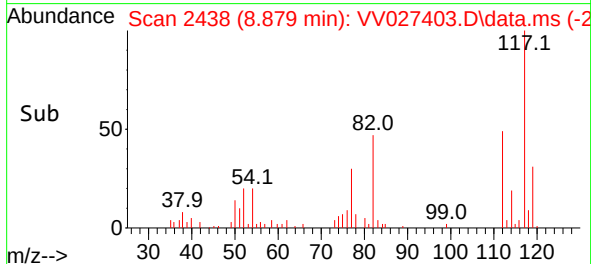
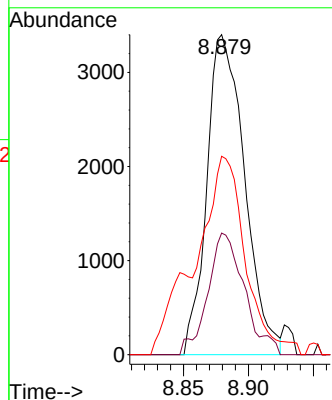
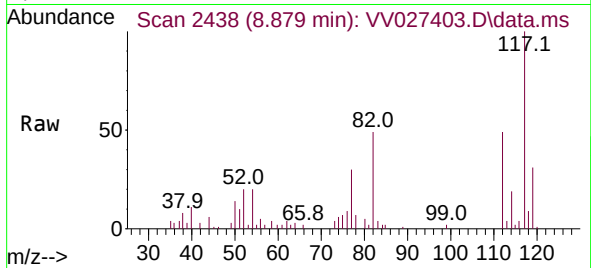




#51
Chlorobenzene
Concen: 0.210 ug/L
RT: 8.879 min Scan# 2437
Delta R.T. 0.003 min
Lab File: VV027403.D
Acq: 16 Aug 2022 10:41

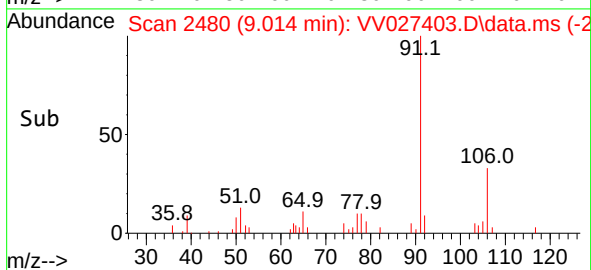
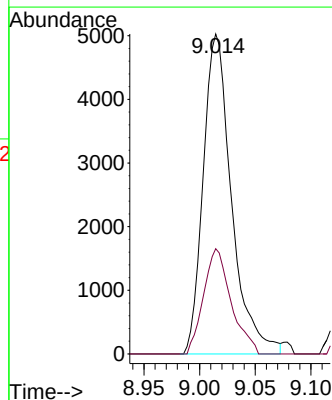
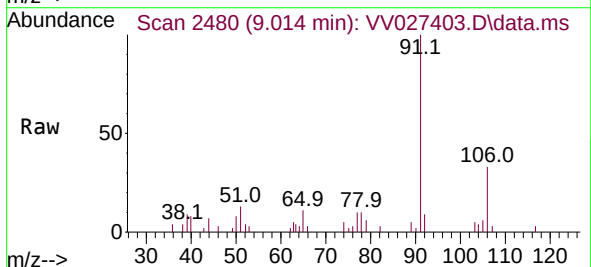
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2022-05

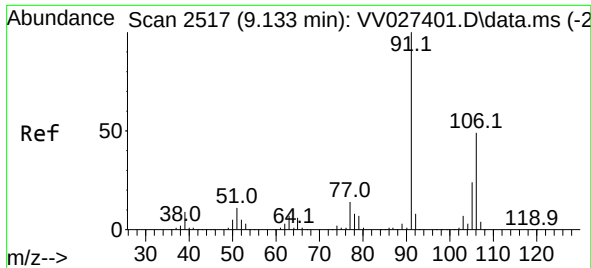
Tgt Ion:	112	Resp:	6876
Ion	Ratio	Lower	Upper
112	100		
114	38.0	22.5	41.9
77	62.0	46.4	69.6



#52
Ethylbenzene
Concen: 0.176 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. 0.007 min
Lab File: VV027403.D
Acq: 16 Aug 2022 10:41

Tgt Ion:	91	Resp:	8885
Ion	Ratio	Lower	Upper
91	100		
106	32.9	21.5	39.9

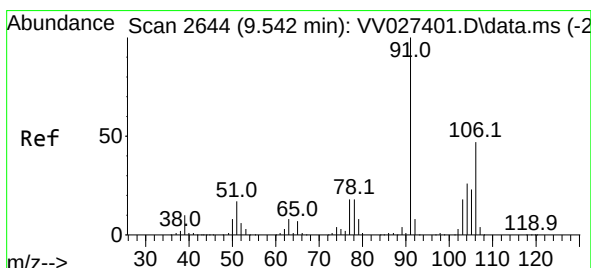
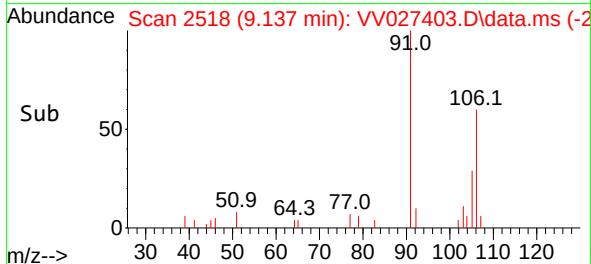
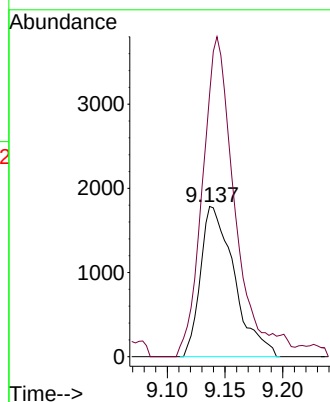
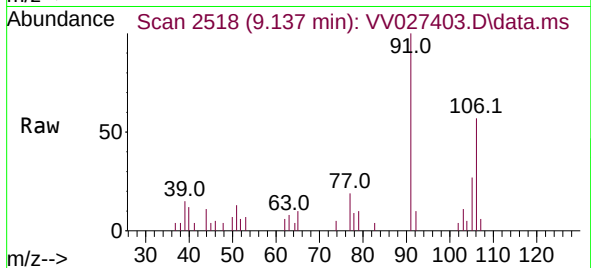




#53
m,p-Xylene
Concen: 0.188 ug/L
RT: 9.137 min Scan# 2517
Delta R.T. 0.003 min
Lab File: VV027403.D
Acq: 16 Aug 2022 10:41

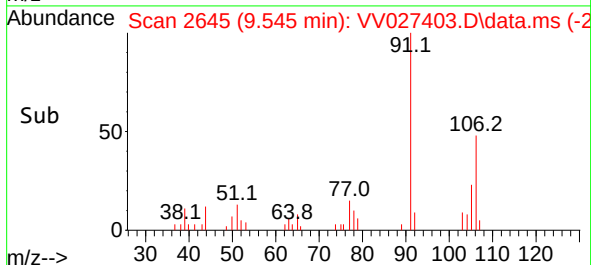
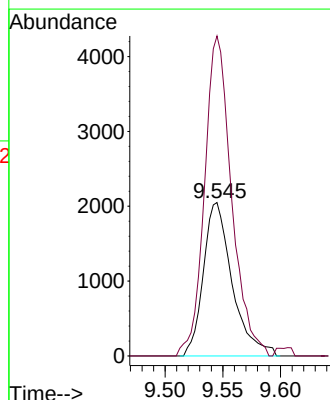
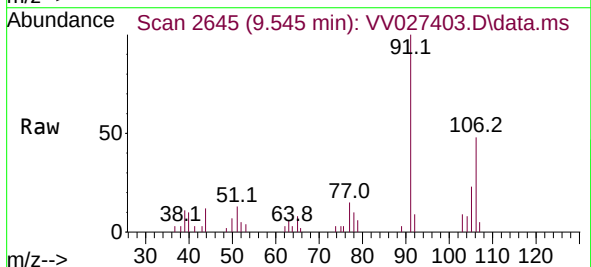
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2022-05

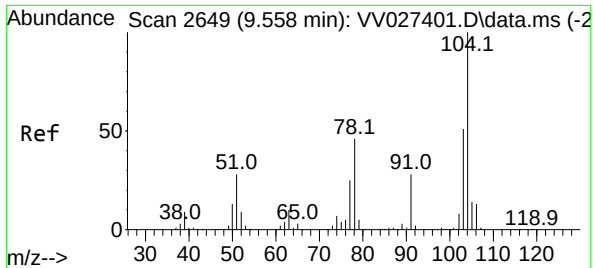
Tgt Ion:106 Resp: 3625
Ion Ratio Lower Upper
106 100
91 175.1 141.5 262.9



#54
o-Xylene
Concen: 0.189 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV027403.D
Acq: 16 Aug 2022 10:41

Tgt Ion:106 Resp: 3560
Ion Ratio Lower Upper
106 100
91 208.5 153.2 284.4

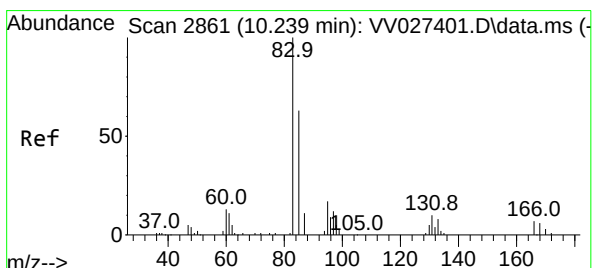
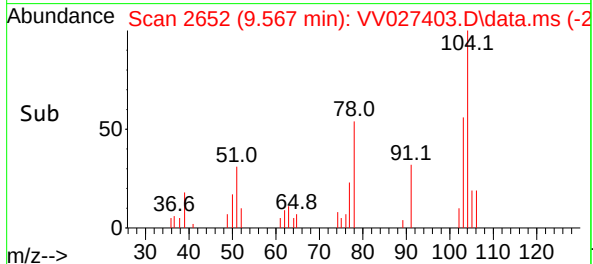
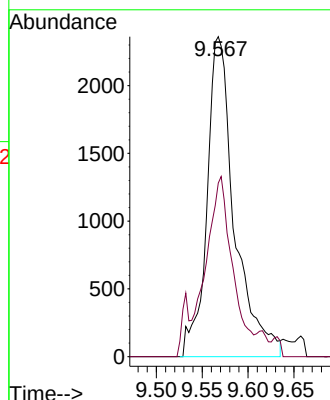
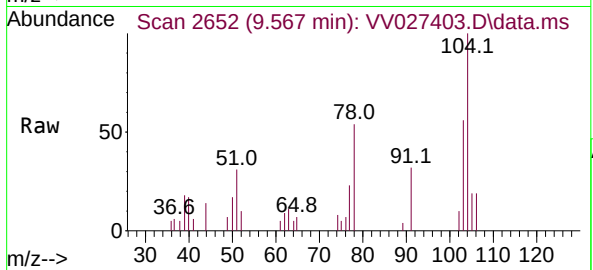




#55
Styrene
Concen: 0.152 ug/L
RT: 9.567 min Scan# 2652
Delta R.T. 0.010 min
Lab File: VV027403.D
Acq: 16 Aug 2022 10:41

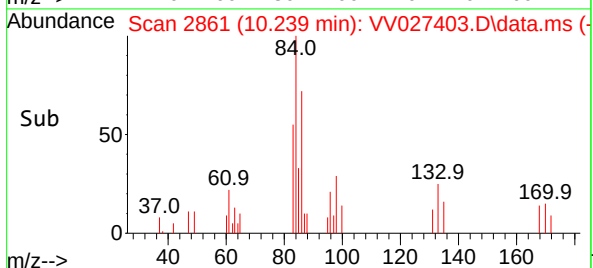
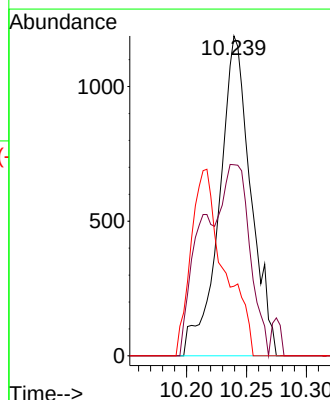
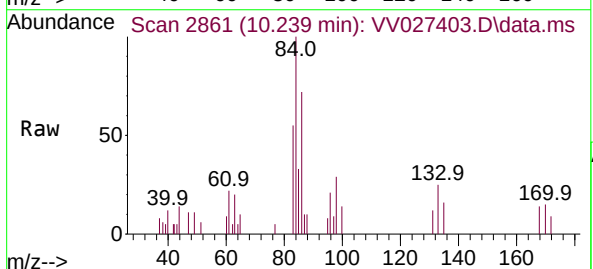
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2022-05

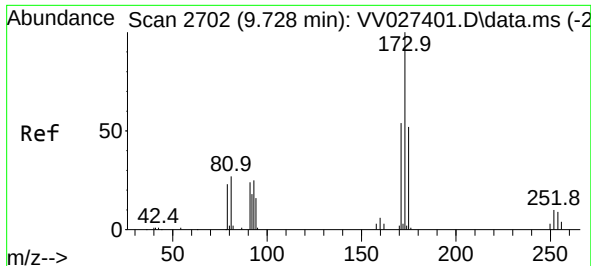
Tgt Ion:104 Resp: 4938
Ion Ratio Lower Upper
104 100
78 54.3 30.7 57.1



#57
1,1,2,2-Tetrachloroethane
Concen: 0.219 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. 0.000 min
Lab File: VV027403.D
Acq: 16 Aug 2022 10:41

Tgt Ion: 83 Resp: 2167
Ion Ratio Lower Upper
83 100
85 59.8 43.3 80.3
131 21.8 7.7 11.5#

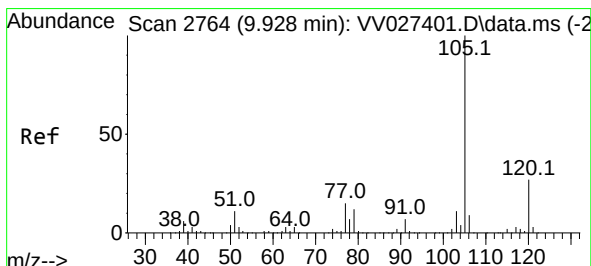
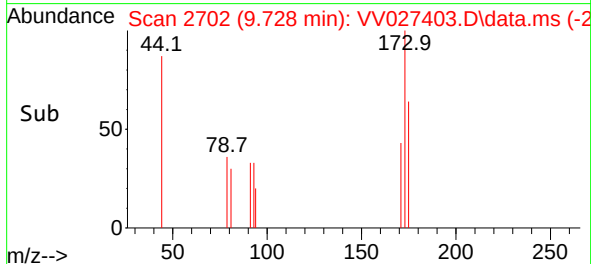
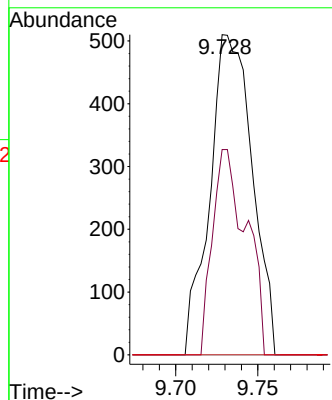
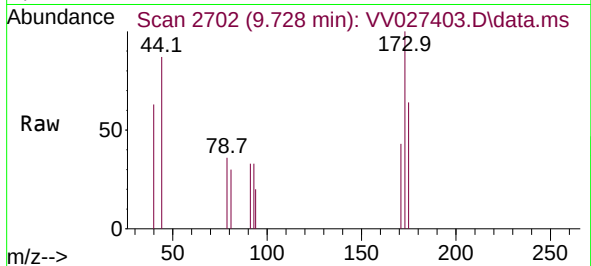




#59
Bromoform
Concen: 0.221 ug/L
RT: 9.728 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV027403.D
Acq: 16 Aug 2022 10:41

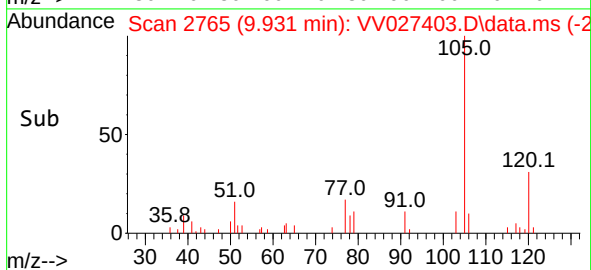
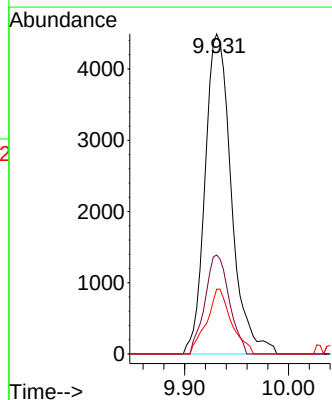
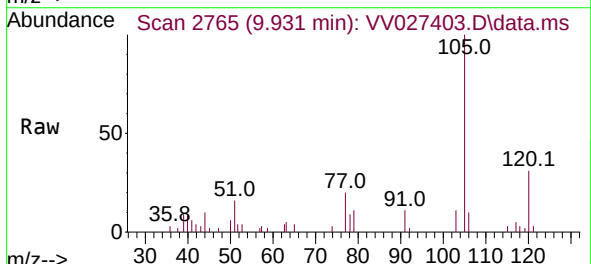
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2022-05

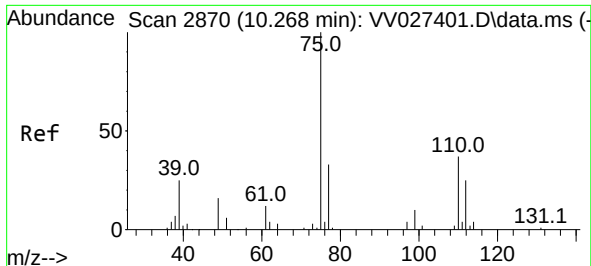
Tgt Ion:173 Resp: 919
Ion Ratio Lower Upper
173 100
175 50.8 38.2 57.2
254 0.0 6.5 9.7#



#60
Isopropylbenzene
Concen: 0.203 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.003 min
Lab File: VV027403.D
Acq: 16 Aug 2022 10:41

Tgt Ion:105 Resp: 7893
Ion Ratio Lower Upper
105 100
120 28.6 21.0 31.4
77 19.0 13.2 19.8

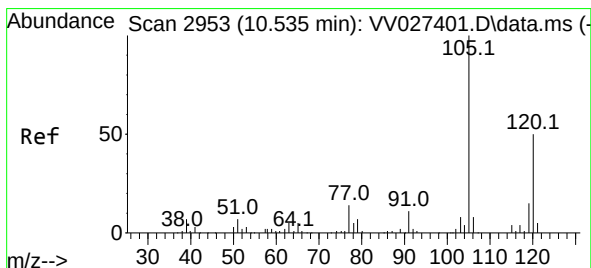
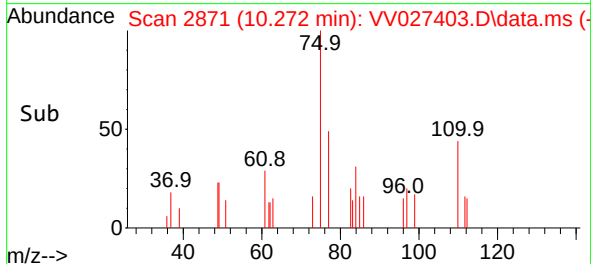
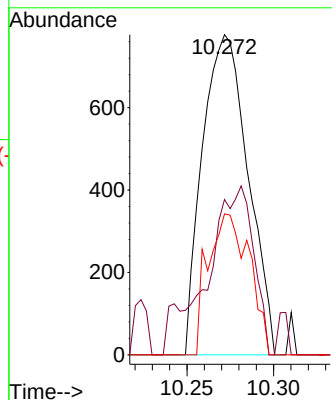
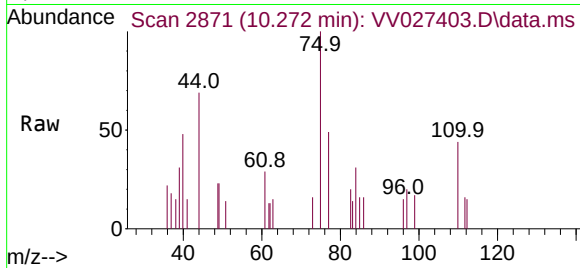




#61
1,2,3-Trichloropropane
Concen: 0.240 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV027403.D
Acq: 16 Aug 2022 10:41

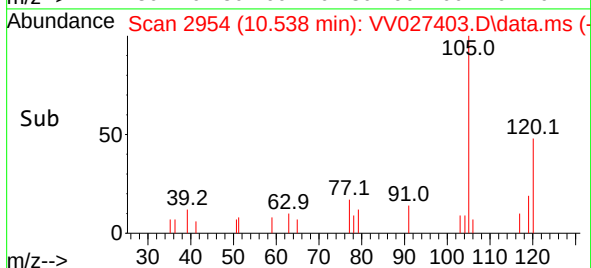
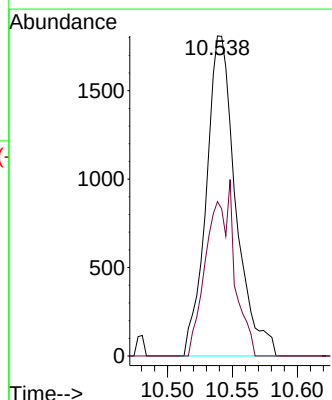
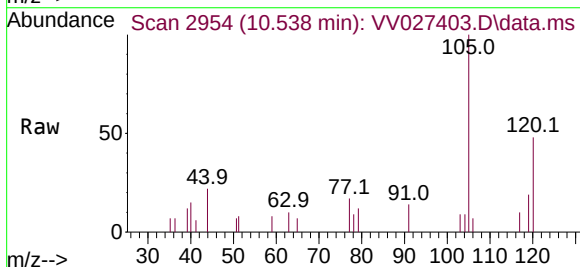
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2022-05

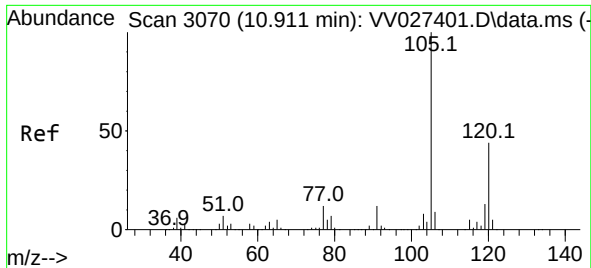
Tgt Ion: 75 Resp: 1423
Ion Ratio Lower Upper
75 100
77 48.6 26.6 39.8#
110 39.8 31.0 46.6



#62
1,3,5-Trimethylbenzene
Concen: 0.267 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. 0.003 min
Lab File: VV027403.D
Acq: 16 Aug 2022 10:41

Tgt Ion: 105 Resp: 2861
Ion Ratio Lower Upper
105 100
120 49.7 38.2 57.4

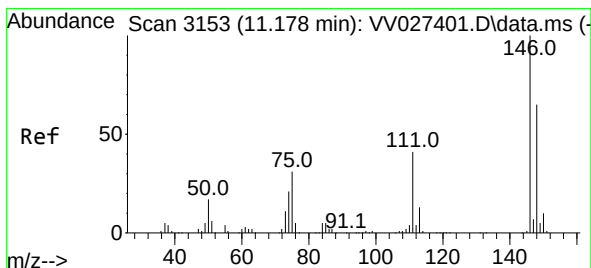
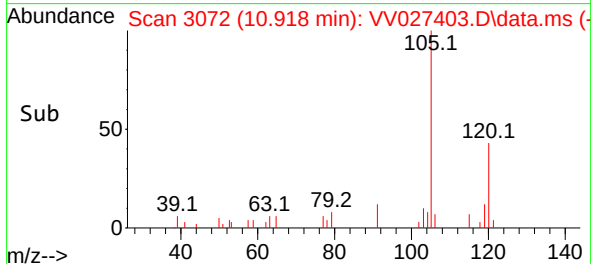
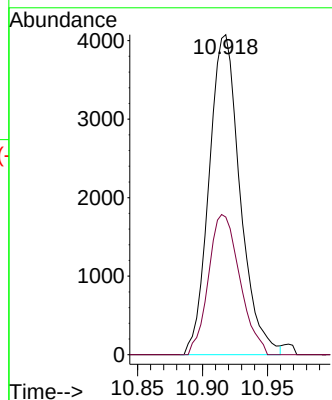
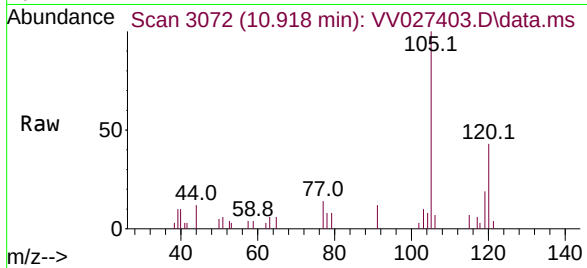




#63
 1,2,4-Trimethylbenzene
 Concen: 0.220 ug/L
 RT: 10.918 min Scan# 3070
 Delta R.T. 0.007 min
 Lab File: VV027403.D
 Acq: 16 Aug 2022 10:41

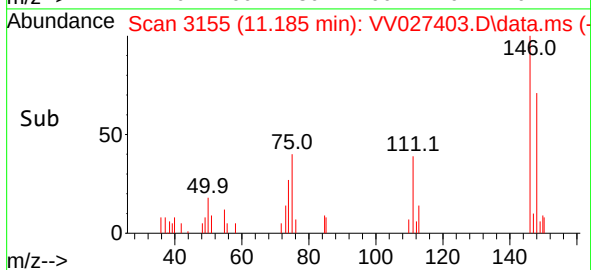
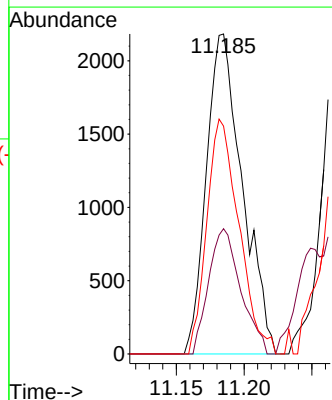
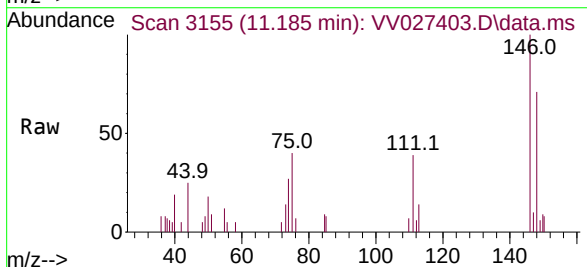
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT3-2022-05

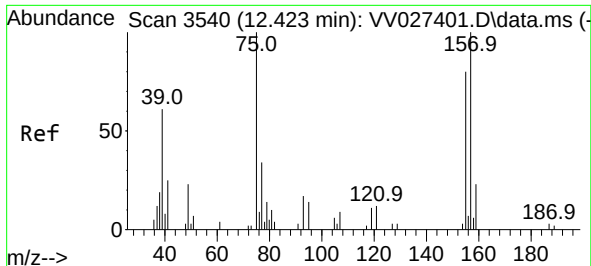
Tgt Ion:105 Resp: 6766
 Ion Ratio Lower Upper
 105 100
 120 44.3 36.2 54.2



#64
 1,3-Dichlorobenzene
 Concen: 0.208 ug/L
 RT: 11.185 min Scan# 3155
 Delta R.T. 0.007 min
 Lab File: VV027403.D
 Acq: 16 Aug 2022 10:41

Tgt Ion:146 Resp: 4042
 Ion Ratio Lower Upper
 146 100
 111 39.2 28.8 53.4
 148 71.2 45.4 84.4





#68

1,2-Dibromo-3-chloropropane

Concen: 0.150 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. 0.000 min

Lab File: VV027403.D

Acq: 16 Aug 2022 10:41

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT3-2022-05

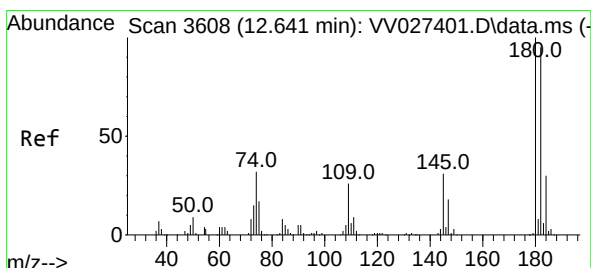
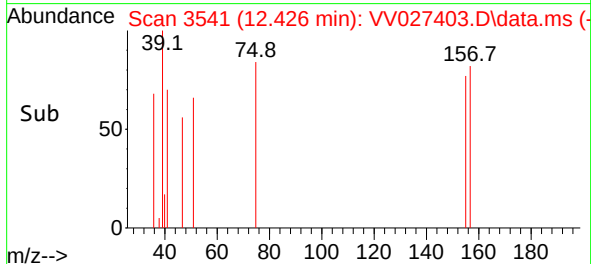
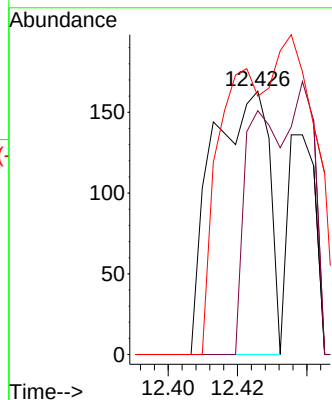
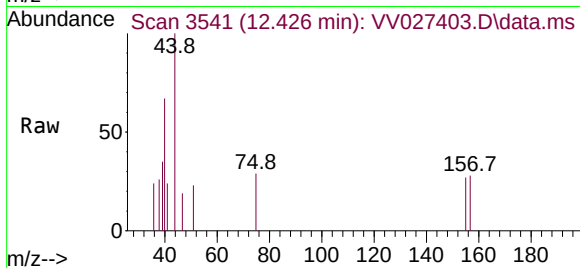
Tgt Ion: 75 Resp: 186

Ion Ratio Lower Upper

75 100

155 92.6 65.8 98.6

157 98.2 73.0 109.4



#69

1,3,5-Trichlorobenzene

Concen: 0.206 ug/L

RT: 12.648 min Scan# 3610

Delta R.T. 0.003 min

Lab File: VV027403.D

Acq: 16 Aug 2022 10:41

Tgt Ion: 180 Resp: 2888

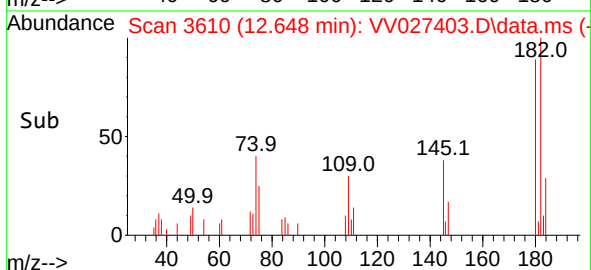
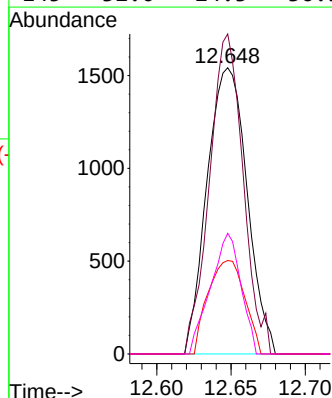
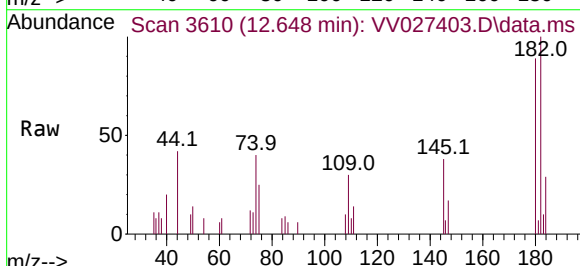
Ion Ratio Lower Upper

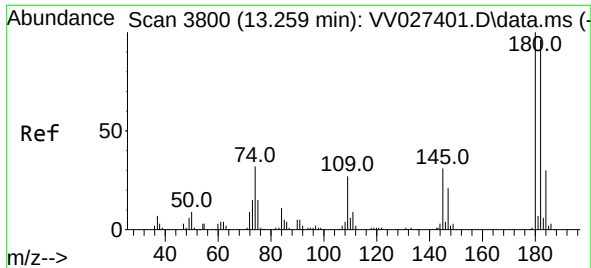
180 100

182 93.9 74.7 112.1

184 29.9 23.3 34.9

145 32.0 24.3 36.5

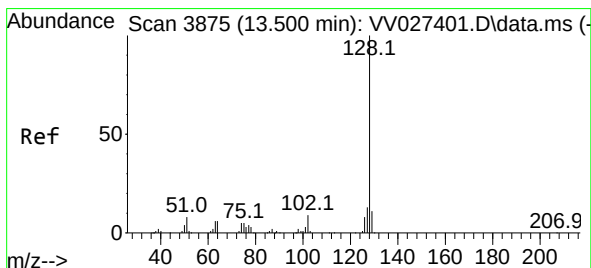
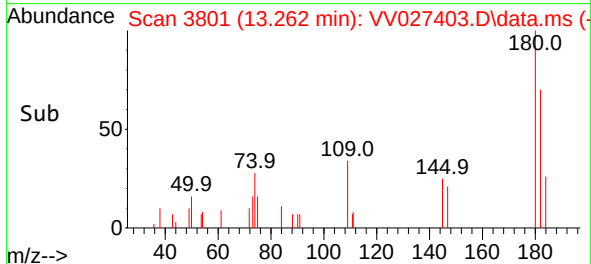
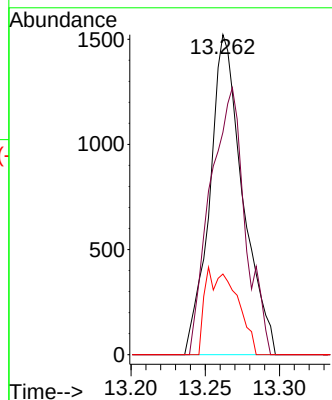
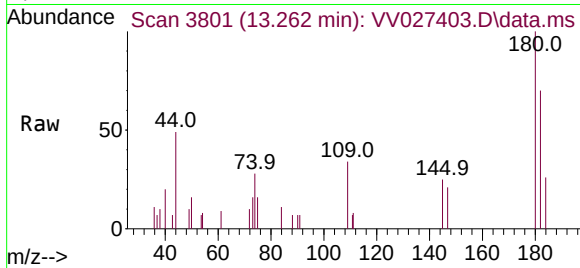




#70
1,2,4-trichlorobenzene
Concen: 0.226 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. 0.003 min
Lab File: VV027403.D
Acq: 16 Aug 2022 10:41

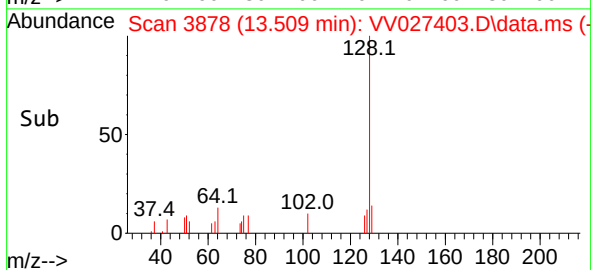
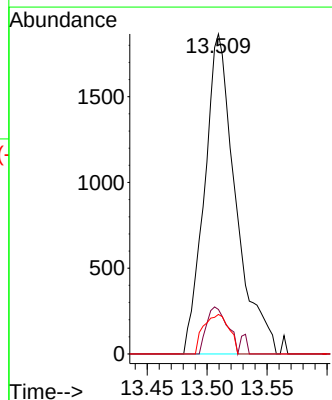
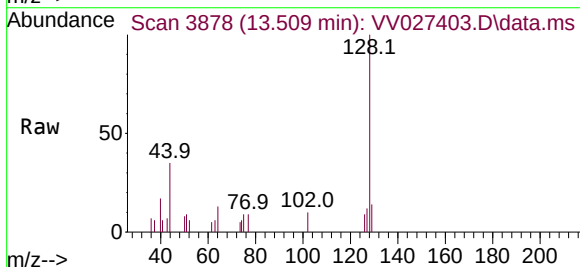
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2022-05

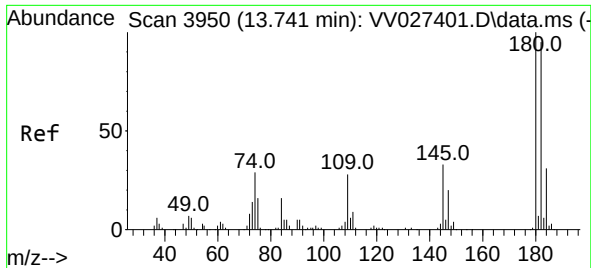
Tgt Ion:180 Resp: 2360
Ion Ratio Lower Upper
180 100
182 88.0 77.4 116.0
145 8.2 24.9 37.3#



#71
Naphthalene
Concen: 0.208 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. 0.010 min
Lab File: VV027403.D
Acq: 16 Aug 2022 10:41

Tgt Ion:128 Resp: 3366
Ion Ratio Lower Upper
128 100
129 9.9 9.0 13.4
127 10.1 10.6 15.8#





#72
 1,2,3-Trichlorobenzene
 Concen: 0.178 ug/L
 RT: 13.744 min Scan# 3950
 Delta R.T. 0.003 min
 Lab File: VV027403.D
 Acq: 16 Aug 2022 10:41

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT3-2022-05

Tgt Ion:180 Resp: 1738
 Ion Ratio Lower Upper
 180 100
 182 106.0 73.8 110.6
 145 36.0 27.0 40.4

