

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072622\
 Data File : VW026950.D
 Acq On : 26 Jul 2022 14:18
 Operator : SY/MD
 Sample : N3670-02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT2-2022-04

Quant Time: Jul 27 01:40:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 27 01:39:23 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	402045	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	406649	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	183245	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	220611	65.425	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	= 130.840%		
7) Chloroethane-d5	1.564	69	186623	68.412	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	= 136.820%#		
11) 1,1-Dichloroethene-d2	2.101	63	313596	51.693	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 103.380%		
21) 2-Butanone-d5	3.883	46	319079	140.386	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	= 140.390%#		
24) Chloroform-d	4.339	84	444669	67.006	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 134.020%#		
26) 1,2-Dichloroethane-d4	5.024	65	263990	69.543	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 139.080%#		
32) Benzene-d6	5.043	84	888663	72.295	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 144.600%#		
36) 1,2-Dichloropropane-d6	6.066	67	282416	71.294	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	= 142.580%#		
41) Toluene-d8	7.313	98	742822	69.067	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 138.140%#		
43) trans-1,3-Dichloroprop...	7.619	79	112472	67.761	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 135.520%#		
47) 2-Hexanone-d5	8.088	63	219841	127.458	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	= 127.460%		
56) 1,1,2,2-Tetrachloroeth...	10.214	84	407575	67.729	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	= 135.460%#		
66) 1,2-Dichlorobenzene-d4	11.622	152	270861	78.789	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 157.580%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	11601	2.793	ug/L	99
3) Chloromethane	1.240	50	11160	2.873	ug/L	93
5) Vinyl chloride	1.307	62	13618	3.298	ug/L #	79
6) Bromomethane	1.516	94	8059	3.230	ug/L	98
8) Chloroethane	1.580	64	7558	3.115	ug/L	95
9) Trichlorofluoromethane	1.748	101	17243	3.030	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	13053	3.922	ug/L	86
12) 1,1-Dichloroethene	2.111	96	11983	3.855	ug/L #	1
13) Acetone	2.179	43	13275	8.318	ug/L	97
14) Carbon disulfide	2.288	76	26241	2.959	ug/L	96
15) Methyl Acetate	2.439	43	10771	3.060	ug/L	98
16) Methylene chloride	2.503	84	16434	4.147	ug/L	97
17) trans-1,2-Dichloroethene	2.757	96	9060	2.758	ug/L	97
18) Methyl tert-butyl Ether	2.767	73	25846	2.833	ug/L #	88
19) 1,1-Dichloroethane	3.185	63	18535	3.064	ug/L	97
20) cis-1,2-Dichloroethene	3.908	96	10738	3.102	ug/L	96
22) 2-Butanone	3.989	43	4837	2.222	ug/L	84
23) Bromochloromethane	4.249	128	5936	2.995	ug/L	97
27) 1,2-Dichloroethane	5.137	62	14315	3.144	ug/L	100

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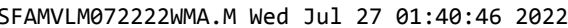
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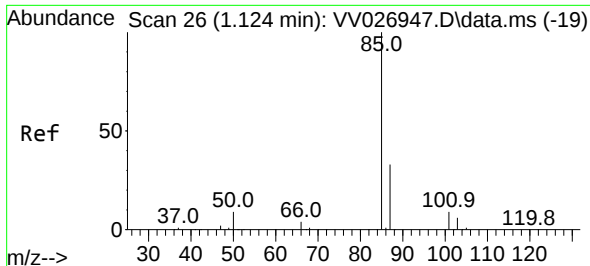
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	4.667	56	11272	2.651	ug/L	99
30) 1,1,1-Trichloroethane	4.603	97	16366	3.046	ug/L	99
31) Carbon tetrachloride	4.828	117	14083	2.994	ug/L	99
33) Benzene	5.098	78	42278	3.233	ug/L	100
34) Trichloroethene	5.918	95	10202	3.036	ug/L	94
35) Methylcyclohexane	6.127	83	12298	2.472	ug/L	96
37) 1,2-Dichloropropane	6.175	63	10128	2.976	ug/L #	96
38) Bromodichloromethane	6.510	83	13825	2.997	ug/L	97
39) cis-1,3-Dichloropropene	7.034	75	13325	2.821	ug/L	100
40) 4-Methyl-2-pentanone	7.233	43	20278	5.006	ug/L	99
42) Toluene	7.391	91	40677	3.047	ug/L	97
44) trans-1,3-Dichloropropene	7.651	75	11838	2.541	ug/L	96
45) 1,1,2-Trichloroethane	7.841	97	11117	3.067	ug/L	97
46) Tetrachloroethene	7.976	164	7807	2.978	ug/L	94
48) 2-Hexanone	8.146	43	25769	8.174	ug/L #	93
49) Dibromochloromethane	8.246	129	11250	2.970	ug/L	100
50) 1,2-Dibromoethane	8.355	107	10825	2.919	ug/L	98
51) Chlorobenzene	8.882	112	26920	2.893	ug/L	97
52) Ethylbenzene	9.014	91	34813	2.513	ug/L	98
53) m,p-Xylene	9.140	106	12491	2.302	ug/L	96
54) o-Xylene	9.545	106	12626	2.416	ug/L	100
55) Styrene	9.567	104	19214	2.082	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	19567	3.344	ug/L	99
59) Bromoform	9.734	173	7478	3.653	ug/L #	97
60) Isopropylbenzene	9.931	105	30461	2.813	ug/L	98
61) 1,2,3-Trichloropropane	10.271	75	13707	3.728	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	23242	2.641	ug/L	98
63) 1,2,4-Trimethylbenzene	10.915	105	22469	2.545	ug/L	96
64) 1,3-Dichlorobenzene	11.185	146	16318	2.949	ug/L	97
65) 1,4-Dichlorobenzene	11.275	146	18138	3.094	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	20237	3.565	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.426	75	3275	3.334	ug/L	92
69) 1,3,5-Trichlorobenzene	12.648	180	10746	2.743	ug/L	94
70) 1,2,4-trichlorobenzene	13.262	180	8336	2.526	ug/L	95
71) Naphthalene	13.506	128	22297	2.148	ug/L	98
72) 1,2,3-Trichlorobenzene	13.744	180	8194	2.380	ug/L	95

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

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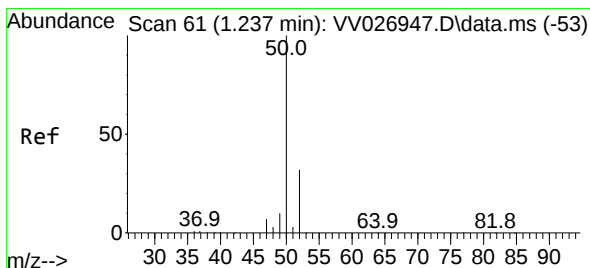
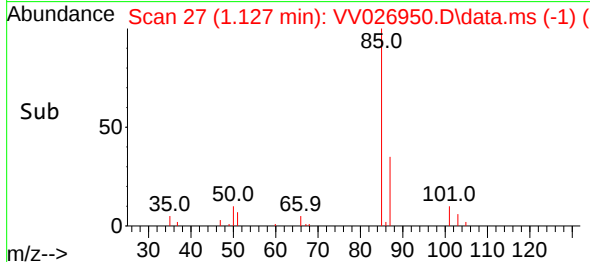
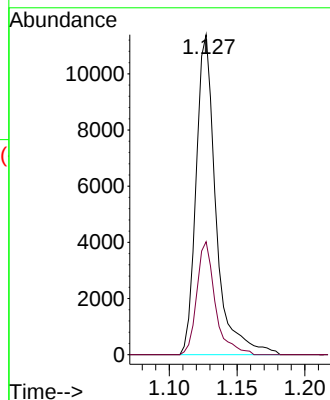
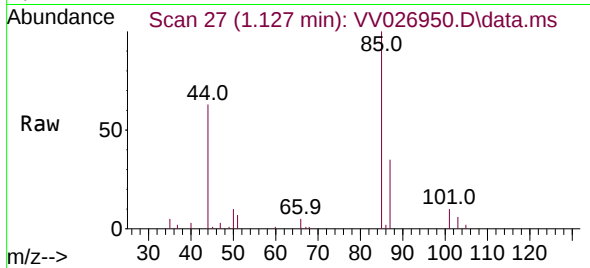




#2
 Dichlorodifluoromethane
 Concen: 2.793 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV026950.D
 Acq: 26 Jul 2022 14:18

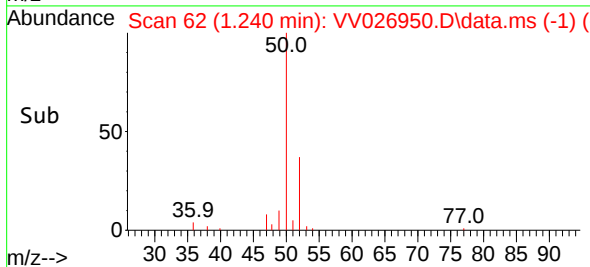
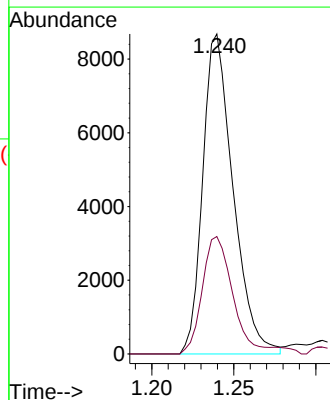
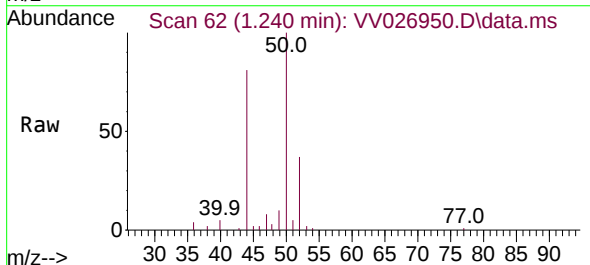
Instrument :
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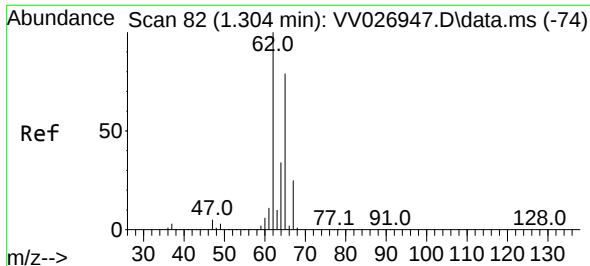
Tgt Ion: 85 Resp: 11601
 Ion Ratio Lower Upper
 85 100
 87 32.9 26.1 39.1



#3
 Chloromethane
 Concen: 2.873 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.003 min
 Lab File: VV026950.D
 Acq: 26 Jul 2022 14:18

Tgt Ion: 50 Resp: 11160
 Ion Ratio Lower Upper
 50 100
 52 36.7 23.1 42.9

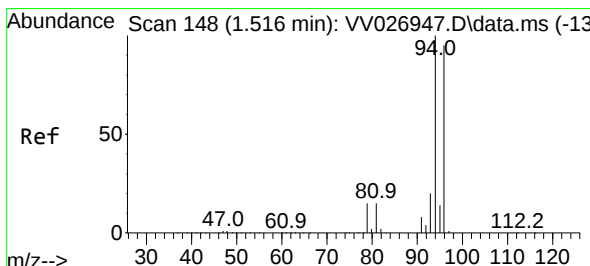
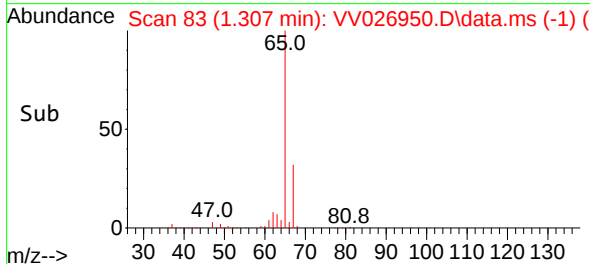
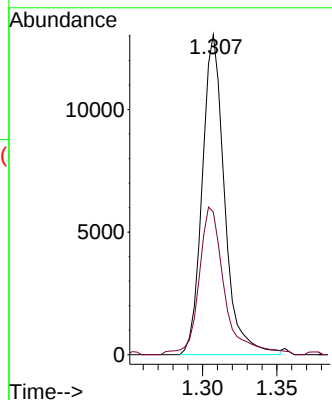
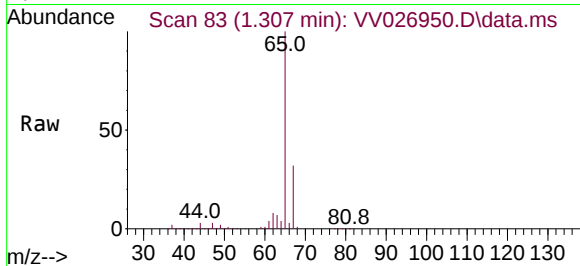




#5
 Vinyl chloride
 Concen: 3.298 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VV026950.D
 Acq: 26 Jul 2022 14:18

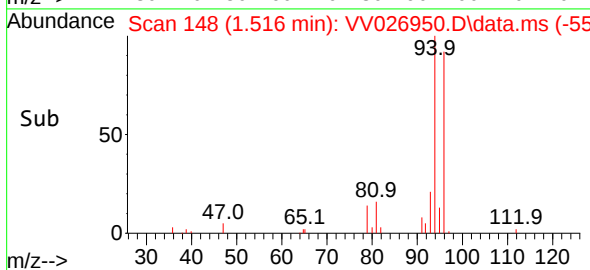
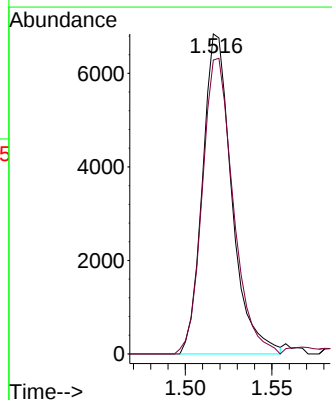
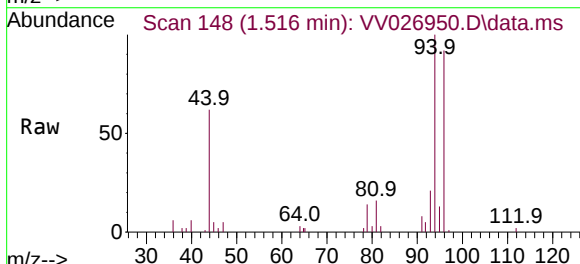
Instrument :
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 ClientSampleId :
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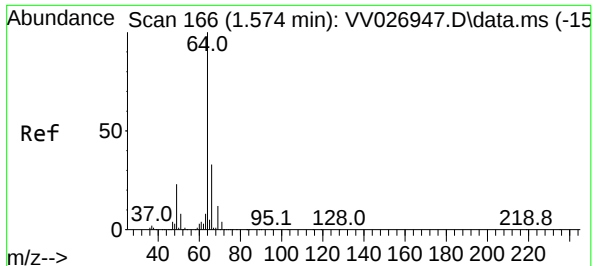
Tgt Ion: 62 Resp: 13618
 Ion Ratio Lower Upper
 62 100
 64 44.5 23.0 42.6#



#6
 Bromomethane
 Concen: 3.230 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VV026950.D
 Acq: 26 Jul 2022 14:18

Tgt Ion: 94 Resp: 8059
 Ion Ratio Lower Upper
 94 100
 96 91.9 65.8 122.2

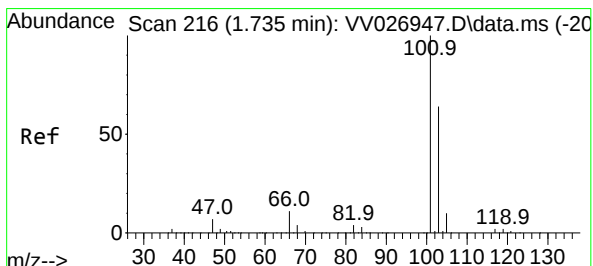
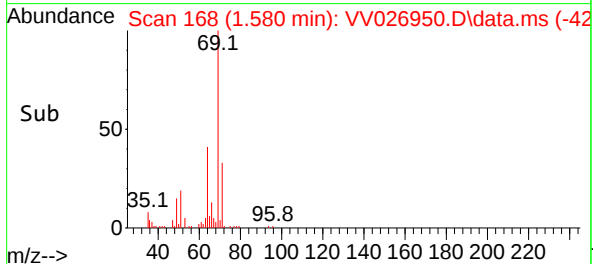
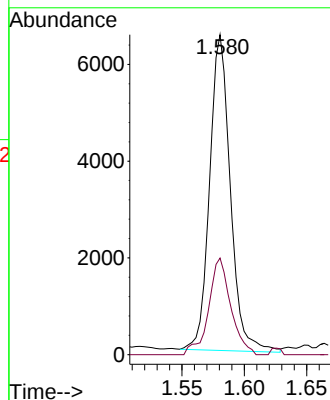
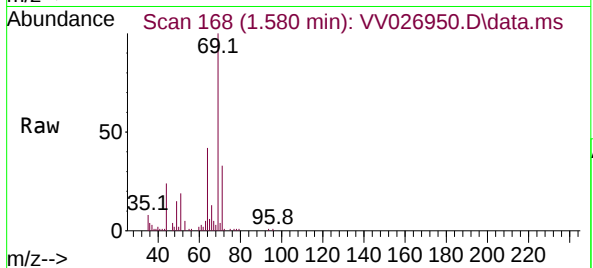




#8
Chloroethane
Concen: 3.115 ug/L
RT: 1.580 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV026950.D
Acq: 26 Jul 2022 14:18

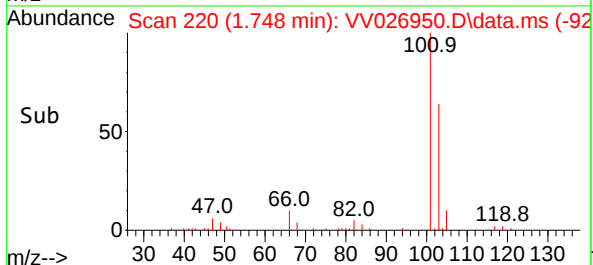
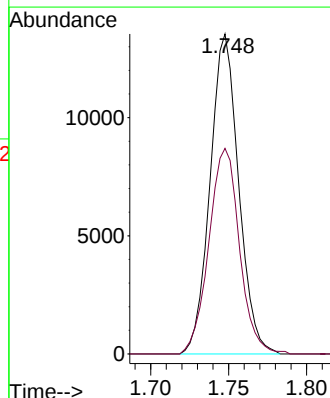
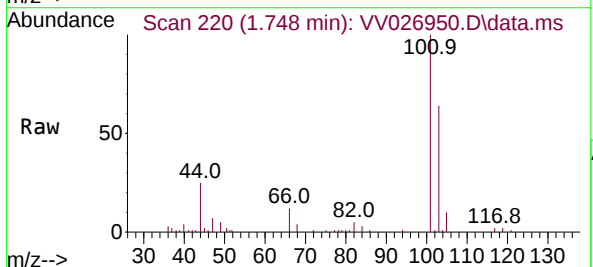
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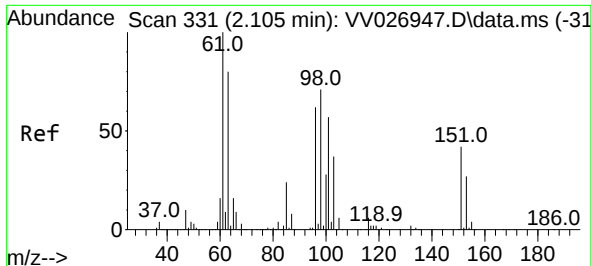
Tgt Ion: 64 Resp: 7558
Ion Ratio Lower Upper
64 100
66 30.2 23.2 43.0



#9
Trichlorofluoromethane
Concen: 3.030 ug/L
RT: 1.748 min Scan# 220
Delta R.T. 0.013 min
Lab File: VV026950.D
Acq: 26 Jul 2022 14:18

Tgt Ion: 101 Resp: 17243
Ion Ratio Lower Upper
101 100
103 68.7 51.8 77.8





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 3.922 ug/L

RT: 2.111 min Scan# 333

Delta R.T. 0.006 min

Lab File: VV026950.D

Acq: 26 Jul 2022 14:18

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT2-2022-04

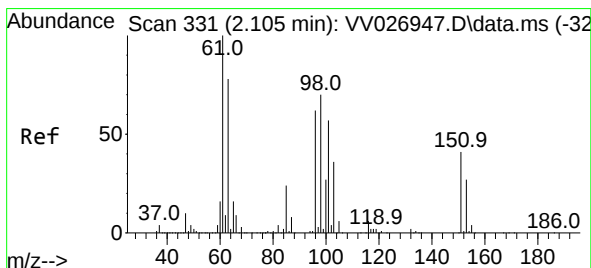
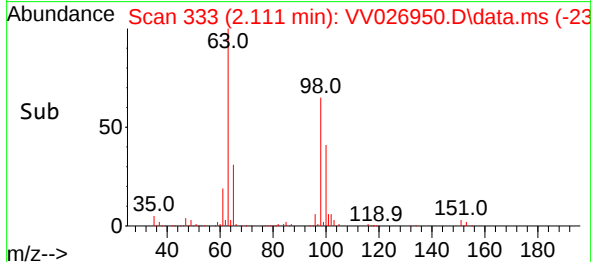
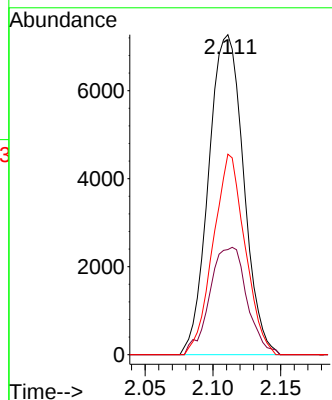
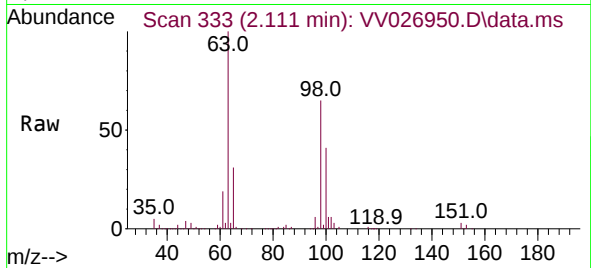
Tgt Ion:101 Resp: 13053

Ion Ratio Lower Upper

101 100

85 35.5 33.1 49.7

151 57.2 57.1 85.7



#12

1,1-Dichloroethene

Concen: 3.855 ug/L

RT: 2.111 min Scan# 333

Delta R.T. 0.006 min

Lab File: VV026950.D

Acq: 26 Jul 2022 14:18

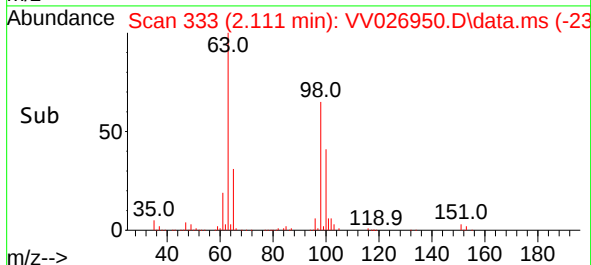
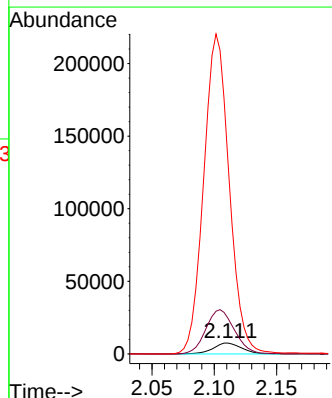
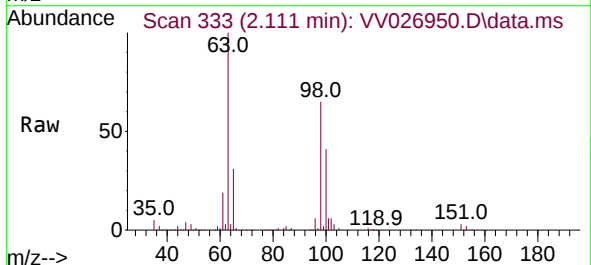
Tgt Ion: 96 Resp: 11983

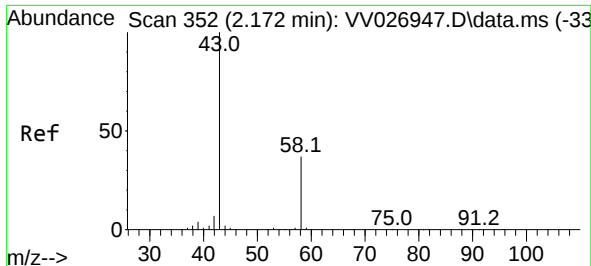
Ion Ratio Lower Upper

96 100

61 327.0 114.2 212.0#

63 1761.6 87.0 161.6#





#13

Acetone

Concen: 8.318 ug/L

RT: 2.179 min Scan# 31

Delta R.T. 0.006 min

Lab File: VV026950.D

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ClientSampleId :

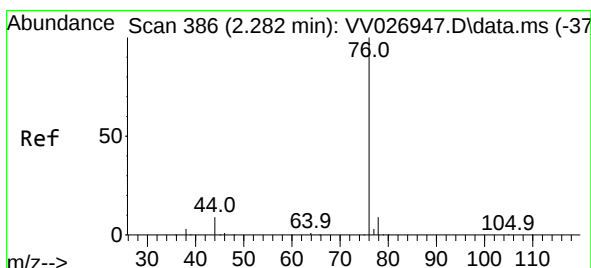
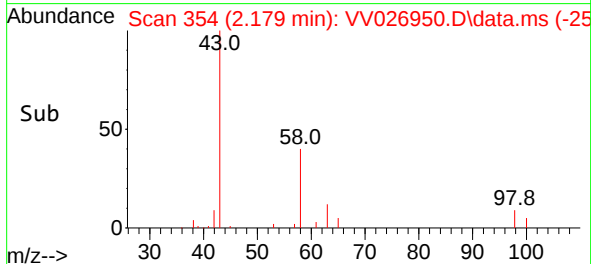
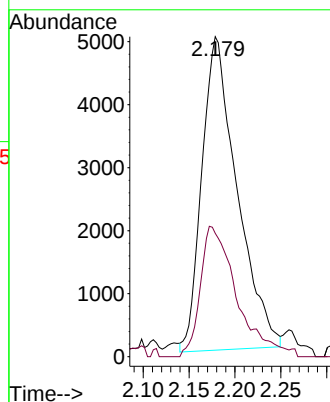
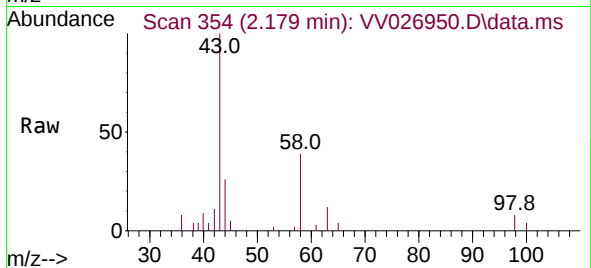
MDL-WATER-QT2-2022-04

Tgt Ion: 43 Resp: 13275

Ion Ratio Lower Upper

43 100

58 38.1 0.0 72.6



#14

Carbon disulfide

Concen: 2.959 ug/L

RT: 2.288 min Scan# 388

Delta R.T. 0.006 min

Lab File: VV026950.D

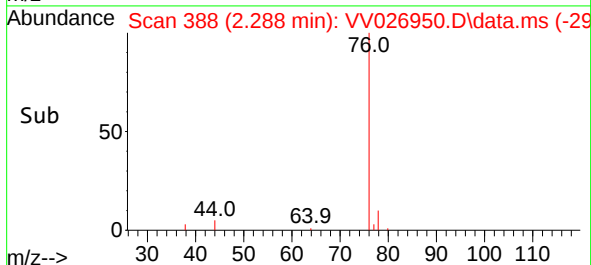
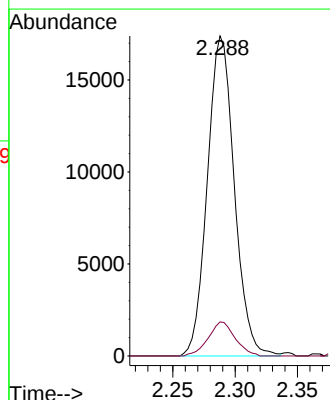
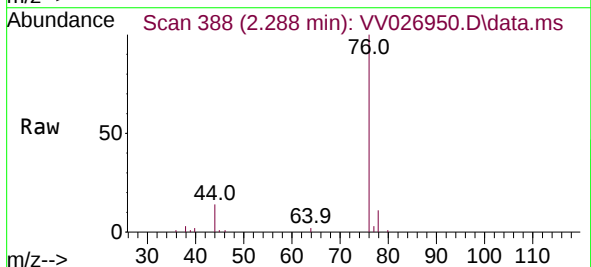
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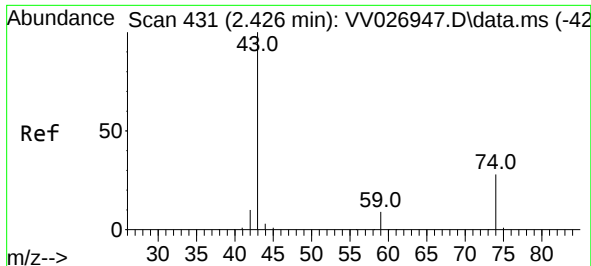
Tgt Ion: 76 Resp: 26241

Ion Ratio Lower Upper

76 100

78 10.6 7.4 11.2

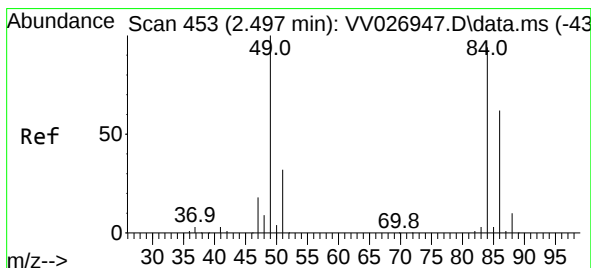
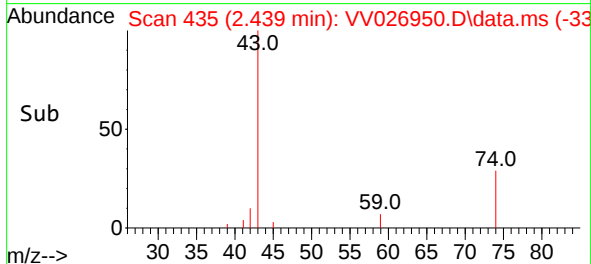
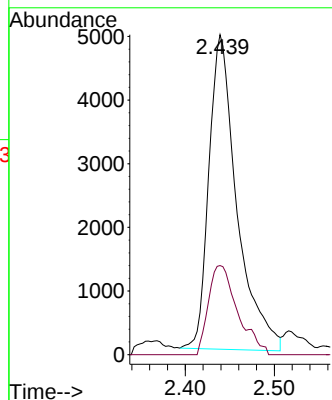
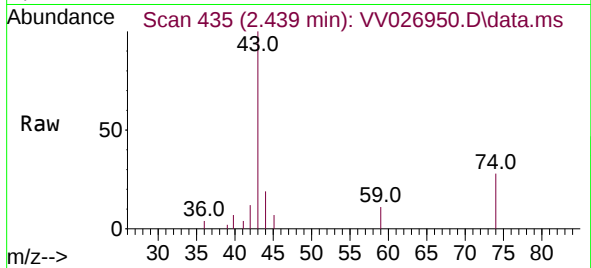




#15
Methyl Acetate
Concen: 3.060 ug/L
RT: 2.439 min Scan# 41
Delta R.T. 0.013 min
Lab File: VV026950.D
Acq: 26 Jul 2022 14:18

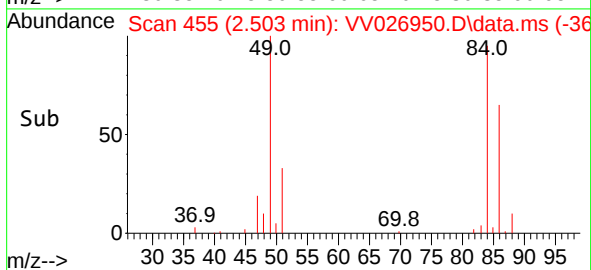
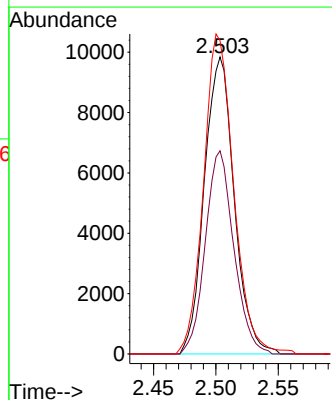
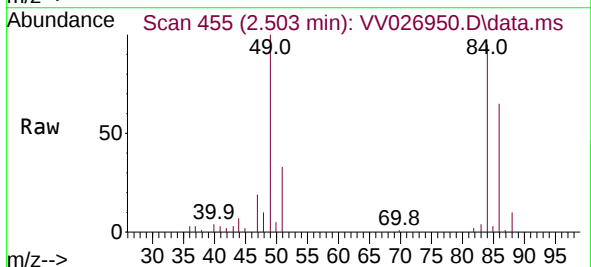
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2022-04

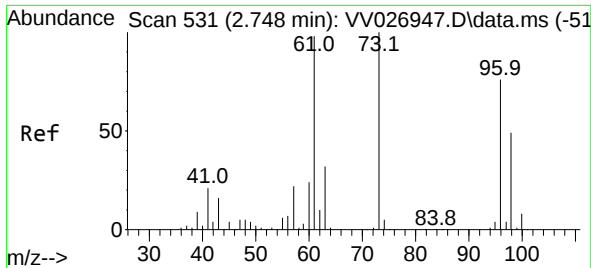
Tgt Ion: 43 Resp: 10771
Ion Ratio Lower Upper
43 100
74 26.5 22.1 33.1



#16
Methylene chloride
Concen: 4.147 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.006 min
Lab File: VV026950.D
Acq: 26 Jul 2022 14:18

Tgt Ion: 84 Resp: 16434
Ion Ratio Lower Upper
84 100
86 68.5 44.5 82.7
49 105.5 75.0 139.2

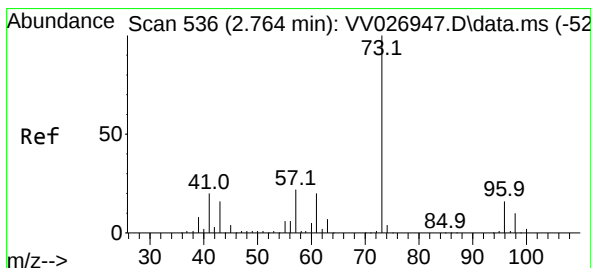
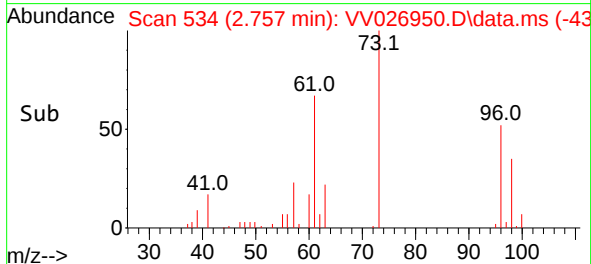
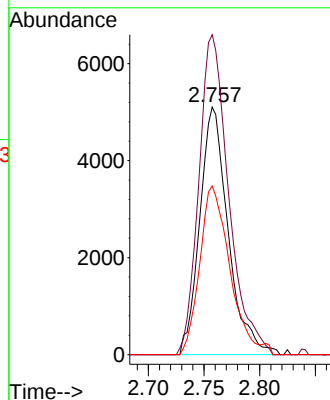
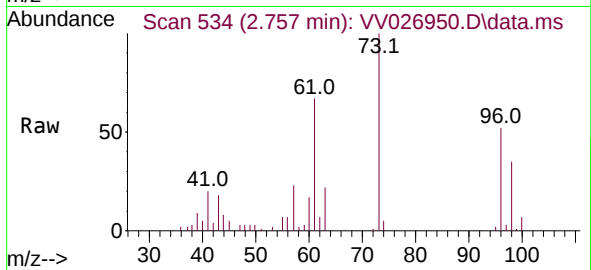




#17
trans-1,2-Dichloroethene
Concen: 2.758 ug/L
RT: 2.757 min Scan# 51
Delta R.T. 0.009 min
Lab File: VV026950.D
Acq: 26 Jul 2022 14:18

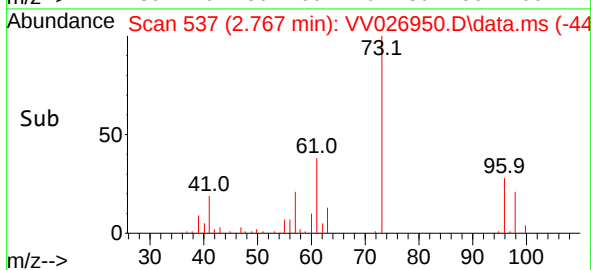
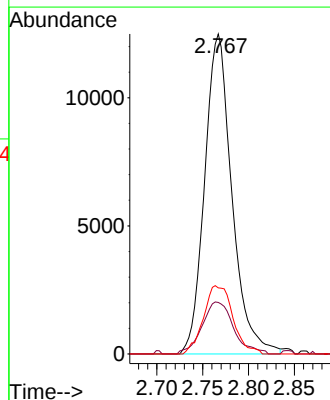
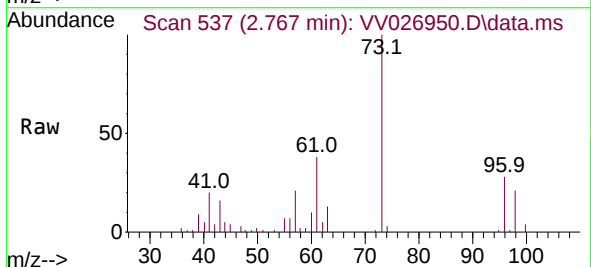
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2022-04

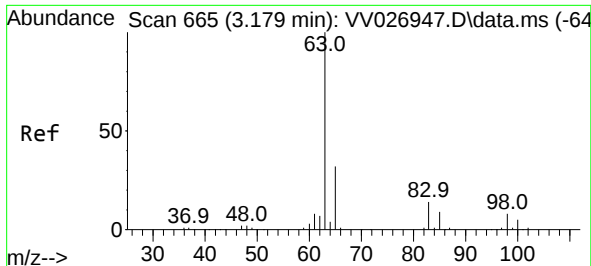
Tgt Ion: 96 Resp: 9060
Ion Ratio Lower Upper
96 100
61 129.3 89.2 165.6
98 68.1 44.7 82.9



#18
Methyl tert-butyl Ether
Concen: 2.833 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.003 min
Lab File: VV026950.D
Acq: 26 Jul 2022 14:18

Tgt Ion: 73 Resp: 25846
Ion Ratio Lower Upper
73 100
43 18.8 12.8 19.2
57 14.1 17.3 25.9#





#19

1,1-Dichloroethane

Concen: 3.064 ug/L

RT: 3.185 min Scan# 6

Delta R.T. 0.006 min

Lab File: VV026950.D

Acq: 26 Jul 2022 14:18

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT2-2022-04

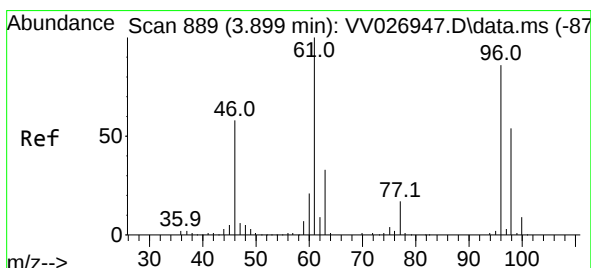
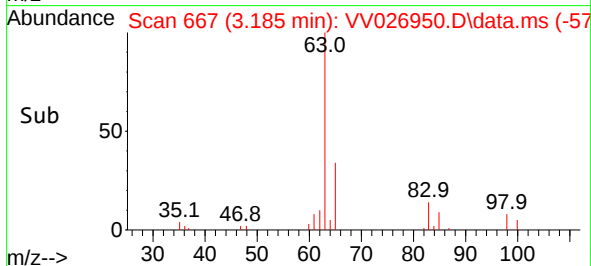
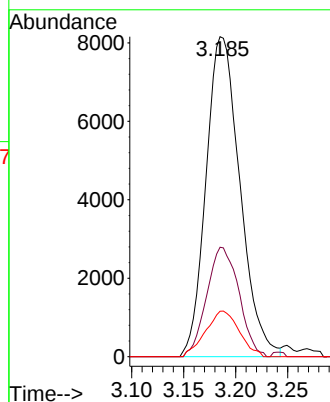
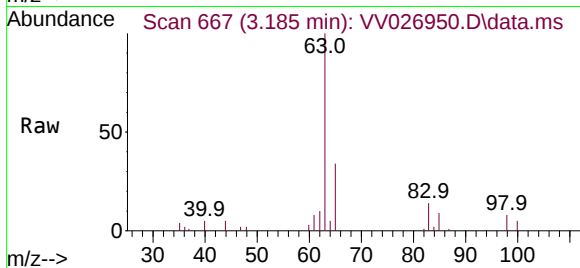
Tgt Ion: 63 Resp: 18535

Ion Ratio Lower Upper

63 100

65 34.2 22.6 42.0

83 14.2 9.4 17.4



#20

cis-1,2-Dichloroethene

Concen: 3.102 ug/L

RT: 3.908 min Scan# 892

Delta R.T. 0.010 min

Lab File: VV026950.D

Acq: 26 Jul 2022 14:18

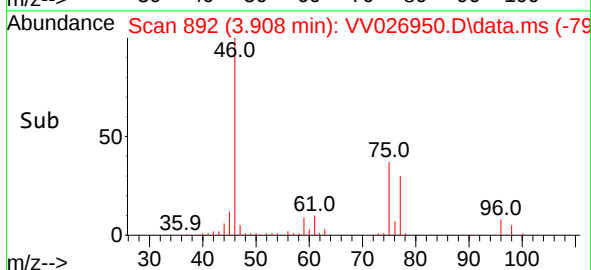
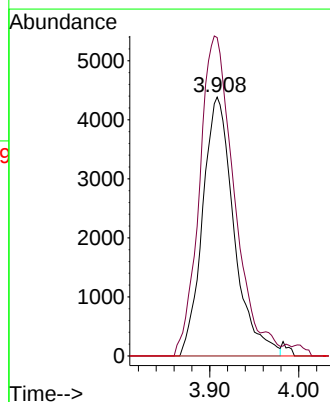
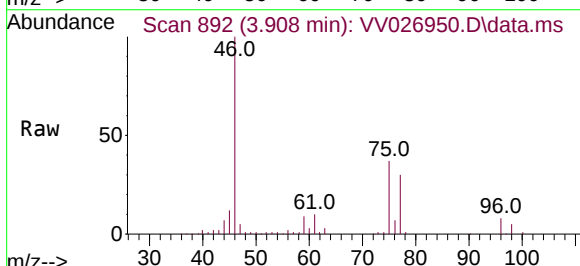
Tgt Ion: 96 Resp: 10738

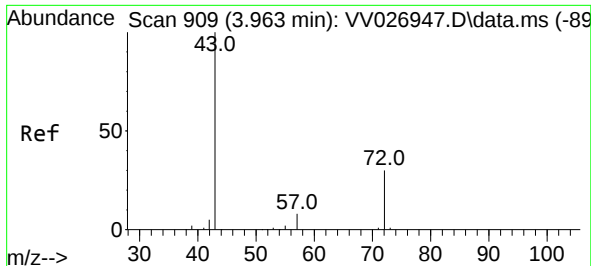
Ion Ratio Lower Upper

96 100

61 122.9 83.0 154.1

68 0.0 0.0 0.0

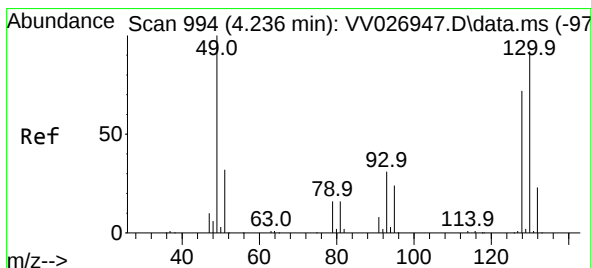
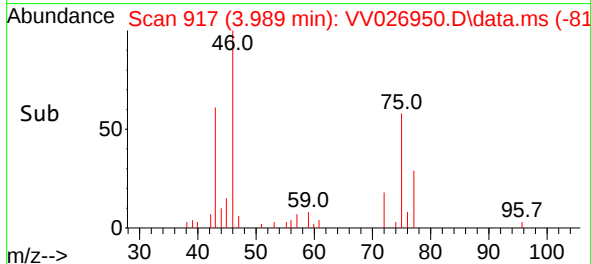
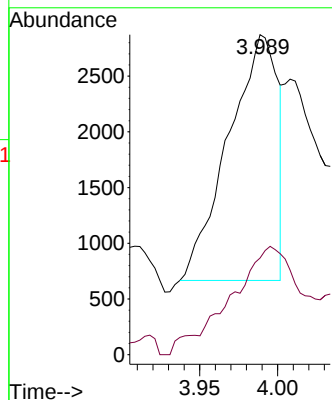
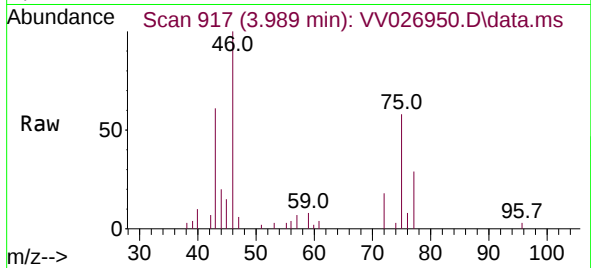




#22
2-Butanone
Concen: 2.222 ug/L
RT: 3.989 min Scan# 917
Delta R.T. 0.026 min
Lab File: VV026950.D
Acq: 26 Jul 2022 14:18

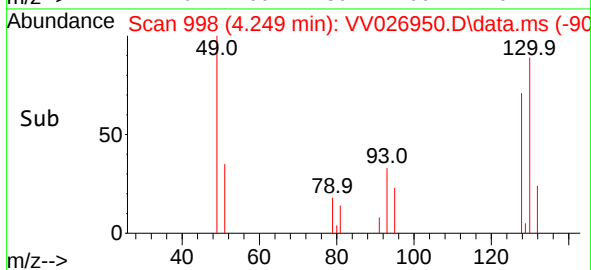
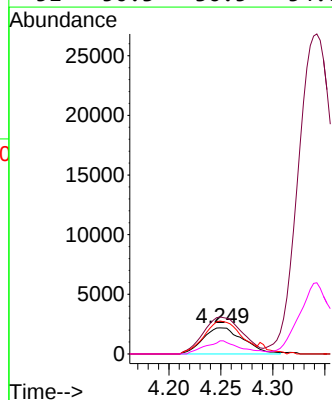
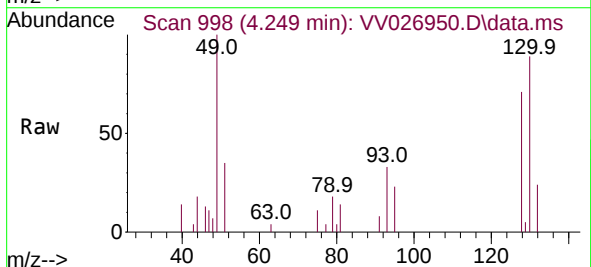
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2022-04

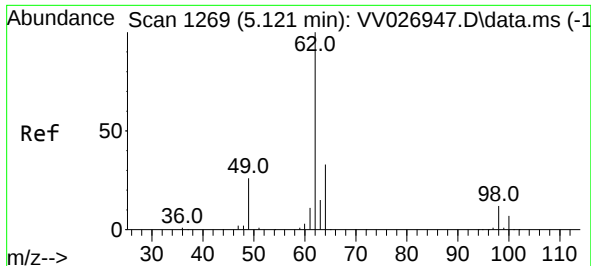
Tgt Ion: 43 Resp: 4837
Ion Ratio Lower Upper
43 100
72 21.0 14.9 44.5



#23
Bromochloromethane
Concen: 2.995 ug/L
RT: 4.249 min Scan# 998
Delta R.T. 0.013 min
Lab File: VV026950.D
Acq: 26 Jul 2022 14:18

Tgt Ion: 128 Resp: 5936
Ion Ratio Lower Upper
128 100
49 141.6 101.0 187.6
130 125.9 90.0 167.2
51 50.3 36.5 54.7





#27

1,2-Dichloroethane

Concen: 3.144 ug/L

RT: 5.137 min Scan# 1127

Delta R.T. 0.016 min

Lab File: VV026950.D

Acq: 26 Jul 2022 14:18

Instrument :

MSVOA_V

ClientSampleId :

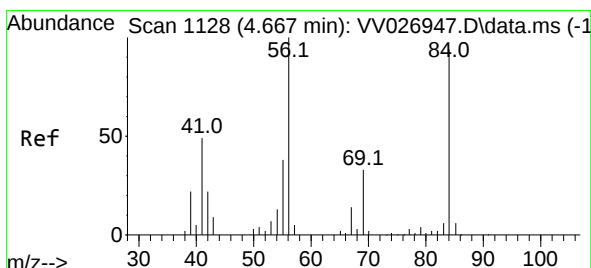
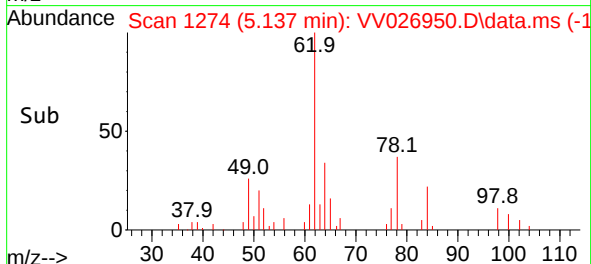
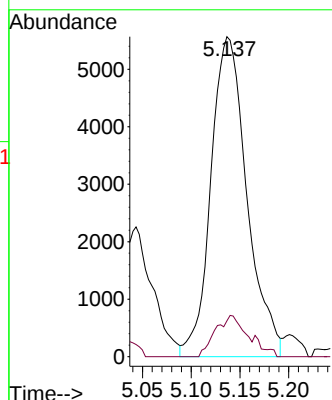
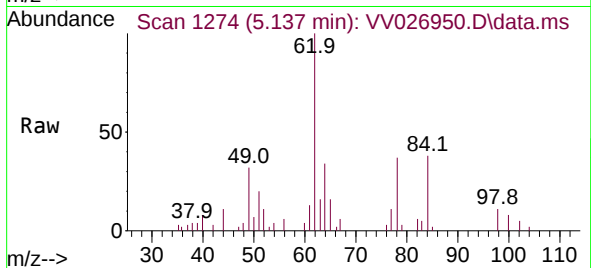
MDL-WATER-QT2-2022-04

Tgt Ion: 62 Resp: 14315

Ion Ratio Lower Upper

62 100

98 11.2 8.9 13.3



#29

Cyclohexane

Concen: 2.651 ug/L

RT: 4.667 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VV026950.D

Acq: 26 Jul 2022 14:18

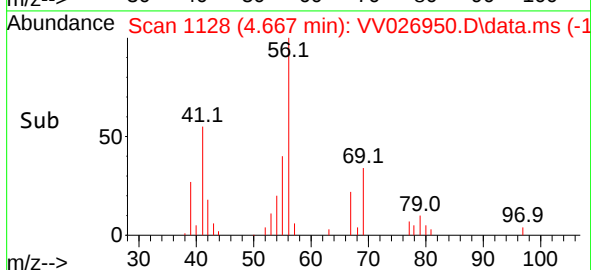
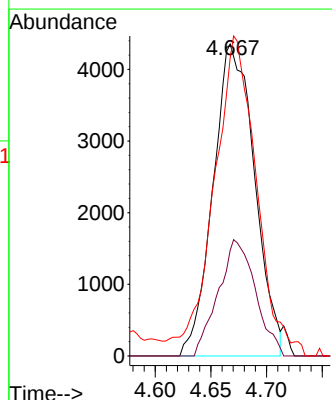
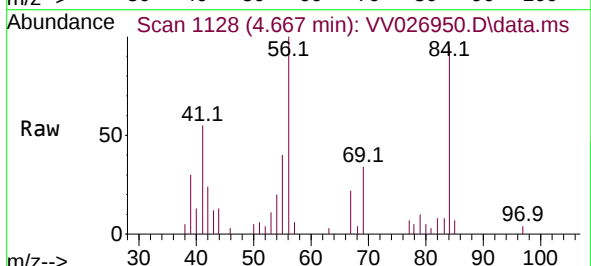
Tgt Ion: 56 Resp: 11272

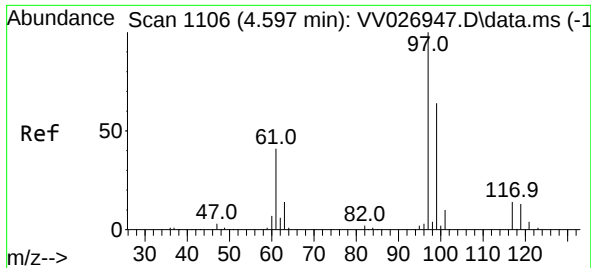
Ion Ratio Lower Upper

56 100

69 33.4 25.7 38.5

84 96.9 77.0 115.6





#30

1,1,1-Trichloroethane

Concen: 3.046 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. 0.006 min

Lab File: VV026950.D

Acq: 26 Jul 2022 14:18

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT2-2022-04

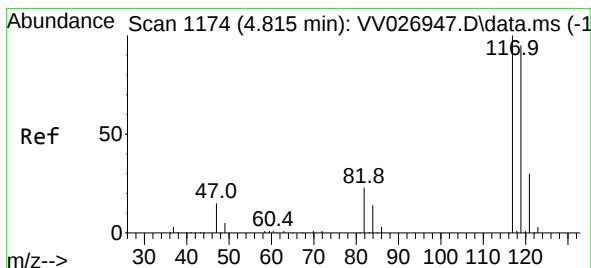
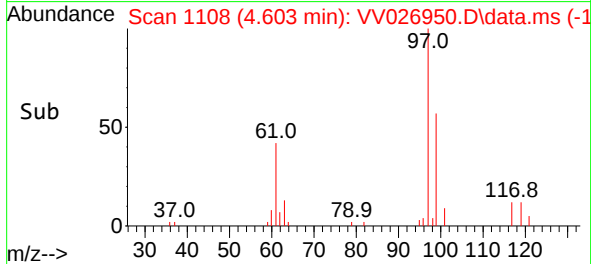
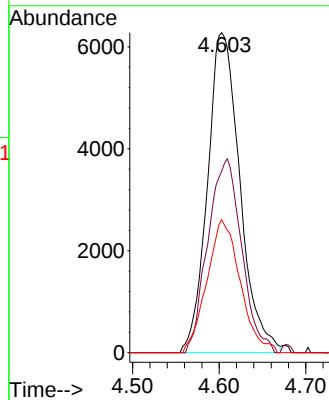
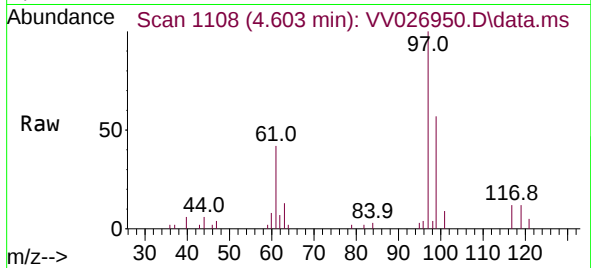
Tgt Ion: 97 Resp: 16366

Ion Ratio Lower Upper

97 100

99 62.9 51.0 76.6

61 42.1 33.1 49.7



#31

Carbon tetrachloride

Concen: 2.994 ug/L

RT: 4.828 min Scan# 1178

Delta R.T. 0.013 min

Lab File: VV026950.D

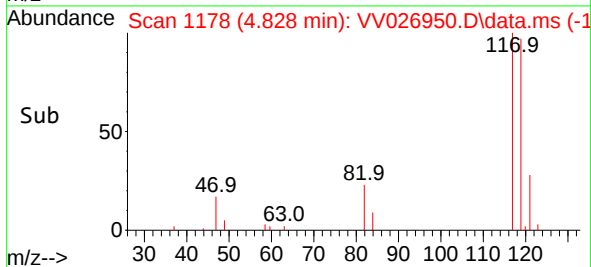
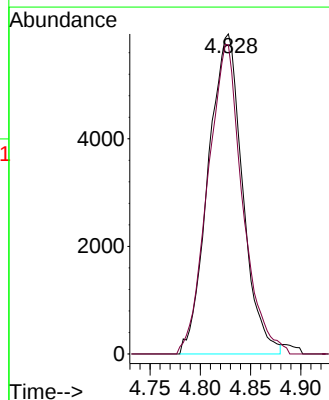
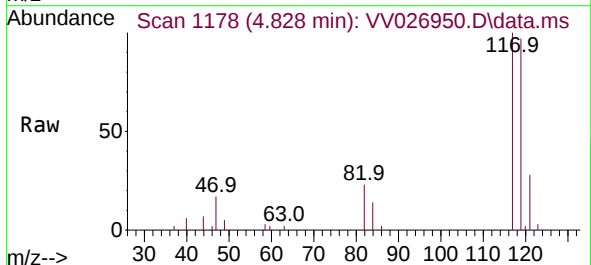
Acq: 26 Jul 2022 14:18

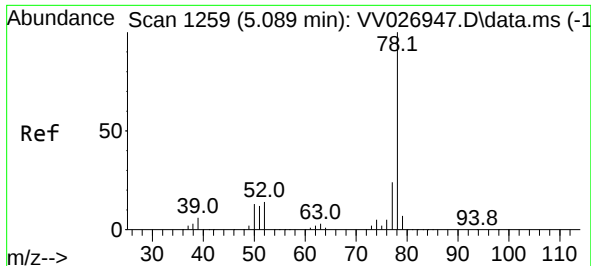
Tgt Ion: 117 Resp: 14083

Ion Ratio Lower Upper

117 100

119 98.0 77.3 115.9

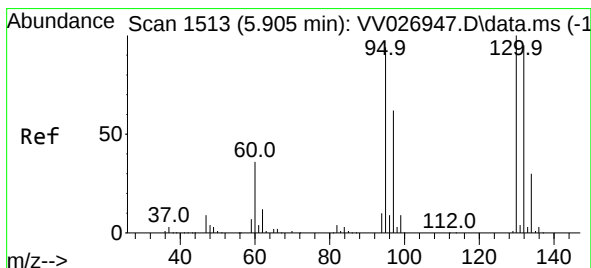
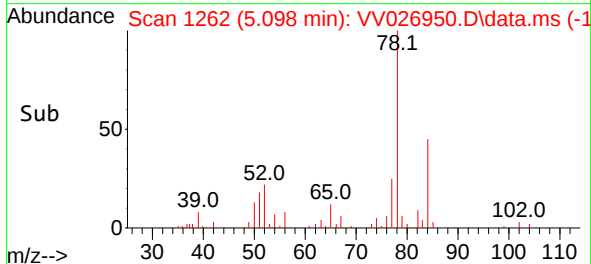
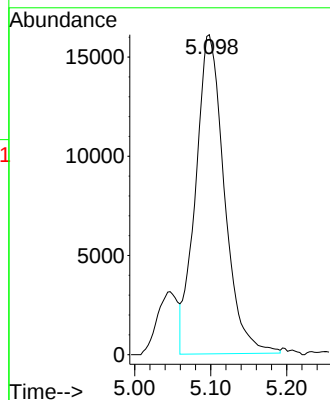
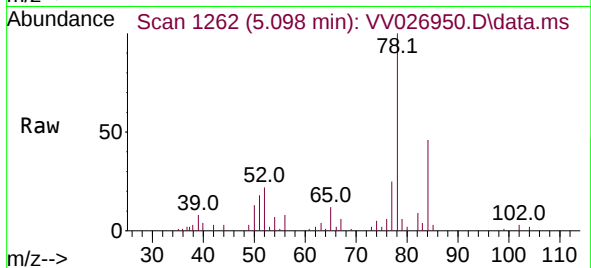




#33
Benzene
Concen: 3.233 ug/L
RT: 5.098 min Scan# 1517
Delta R.T. 0.010 min
Lab File: VV026950.D
Acq: 26 Jul 2022 14:18

Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT2-2022-04

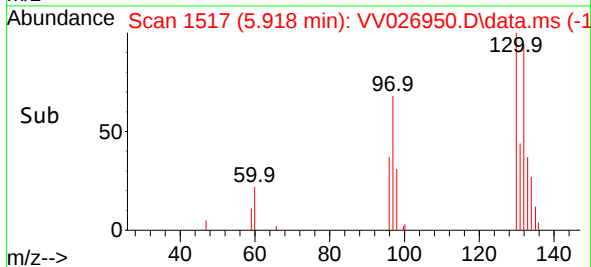
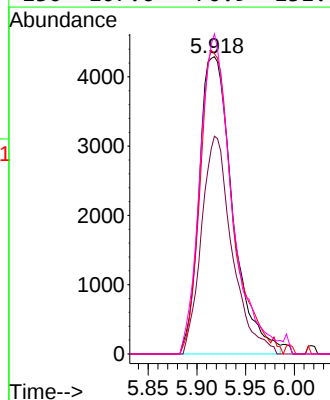
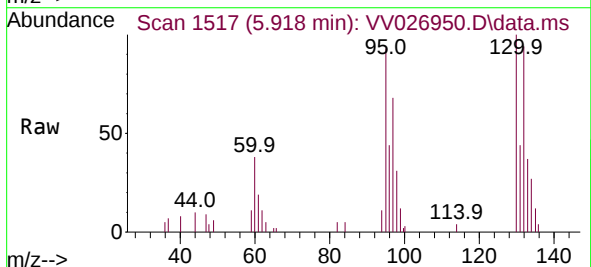
Tgt Ion: 78 Resp: 42278

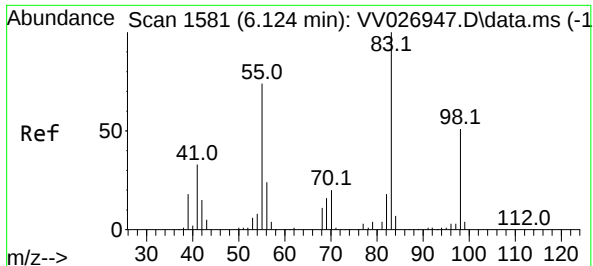


#34
Trichloroethene
Concen: 3.036 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.013 min
Lab File: VV026950.D
Acq: 26 Jul 2022 14:18

Tgt Ion: 95 Resp: 10202

Ion	Ratio	Lower	Upper
95	100		
97	73.2	45.9	85.3
132	101.1	68.1	126.5
130	107.6	70.9	131.7





#35

Methylcyclohexane

Concen: 2.472 ug/L

RT: 6.127 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV026950.D

Acq: 26 Jul 2022 14:18

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT2-2022-04

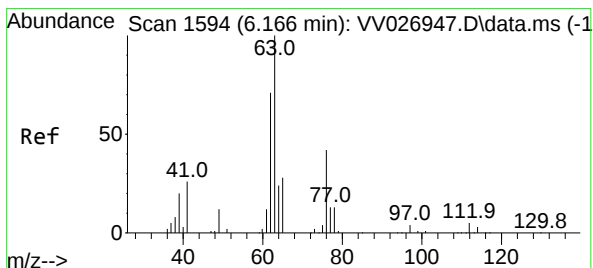
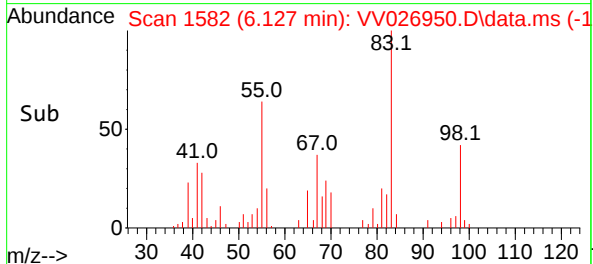
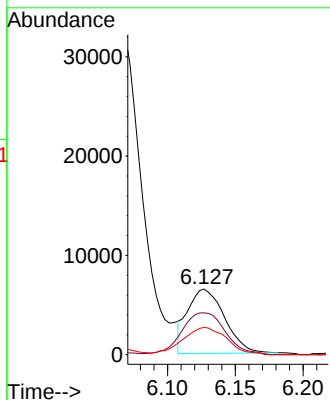
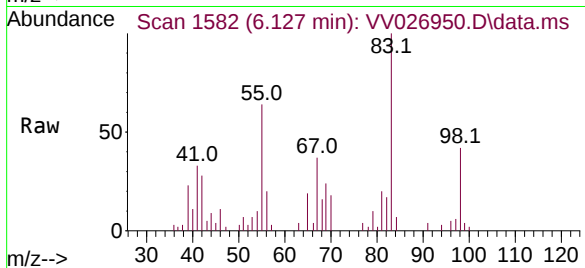
Tgt Ion: 83 Resp: 12298

Ion Ratio Lower Upper

83 100

55 76.8 57.4 86.2

98 50.5 39.4 59.0



#37

1,2-Dichloropropane

Concen: 2.976 ug/L

RT: 6.175 min Scan# 1597

Delta R.T. 0.009 min

Lab File: VV026950.D

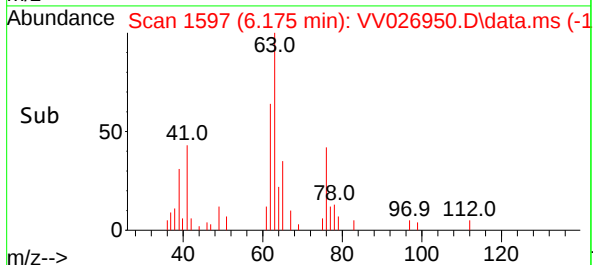
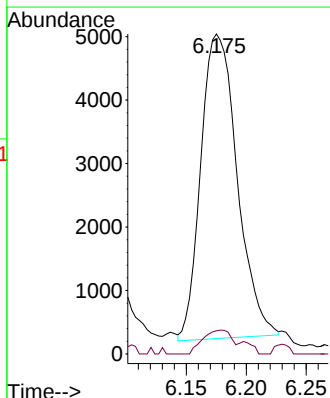
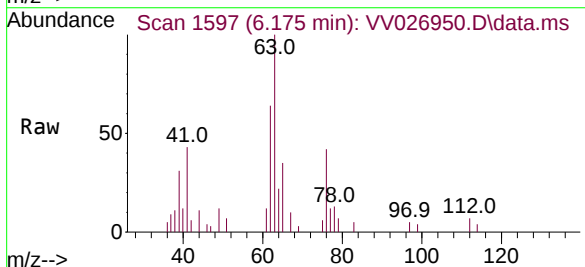
Acq: 26 Jul 2022 14:18

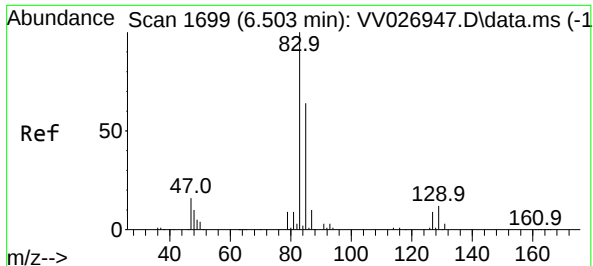
Tgt Ion: 63 Resp: 10128

Ion Ratio Lower Upper

63 100

112 6.2 3.8 5.8#

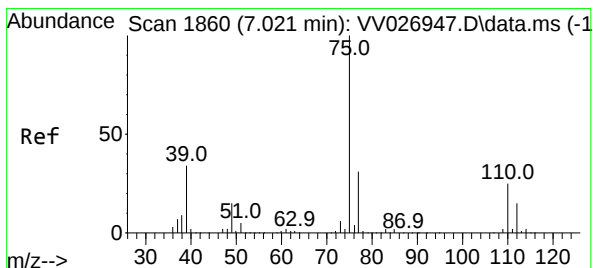
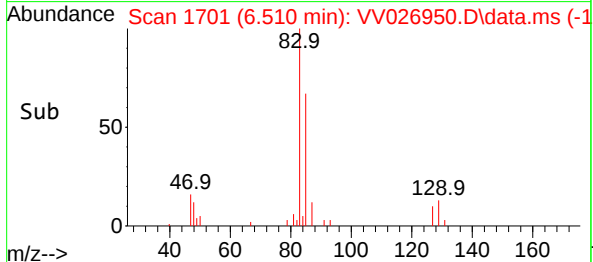
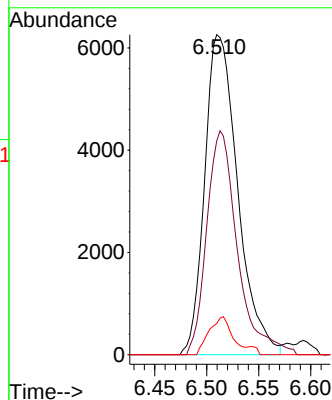
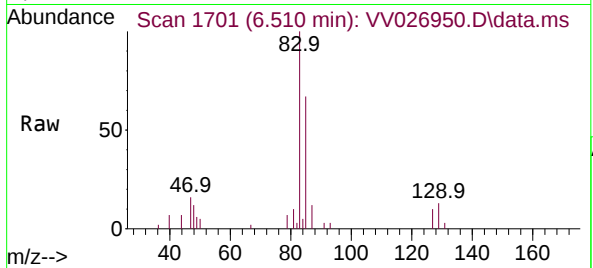




#38
Bromodichloromethane
Concen: 2.997 ug/L
RT: 6.510 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV026950.D
Acq: 26 Jul 2022 14:18

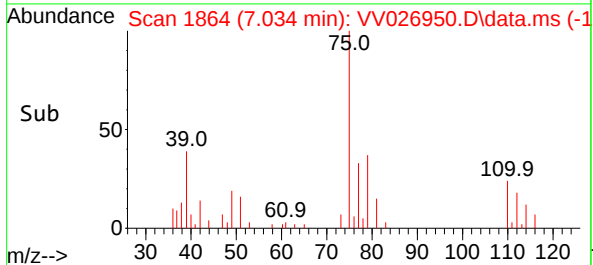
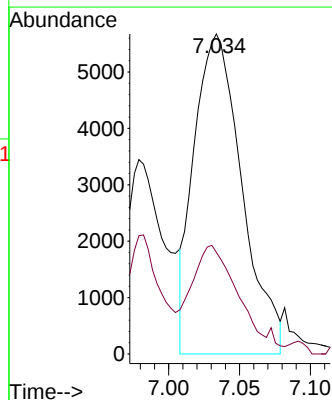
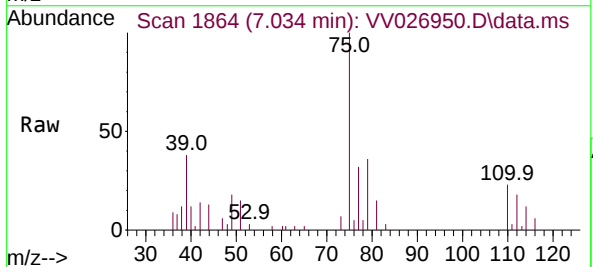
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2022-04

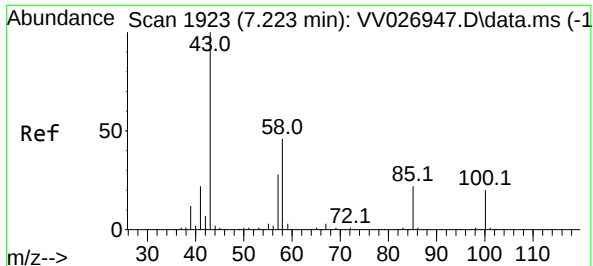
Tgt Ion:	83	Resp:	13825
Ion	Ratio	Lower	Upper
83	100		
85	66.8	45.1	83.9
127	9.8	6.9	10.3



#39
cis-1,3-Dichloropropene
Concen: 2.821 ug/L
RT: 7.034 min Scan# 1864
Delta R.T. 0.013 min
Lab File: VV026950.D
Acq: 26 Jul 2022 14:18

Tgt Ion:	75	Resp:	13325
Ion	Ratio	Lower	Upper
75	100		
77	31.8	22.4	41.6





#40

4-Methyl-2-pentanone

Concen: 5.006 ug/L

RT: 7.233 min Scan# 1923

Delta R.T. 0.010 min

Lab File: VV026950.D

Acq: 26 Jul 2022 14:18

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT2-2022-04

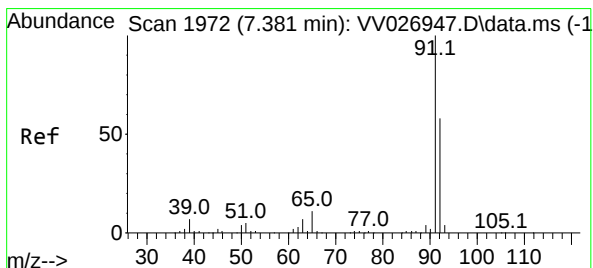
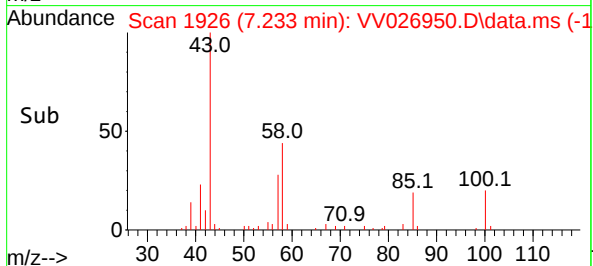
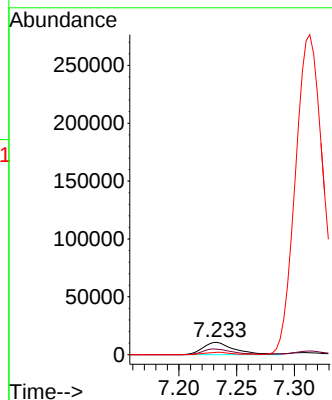
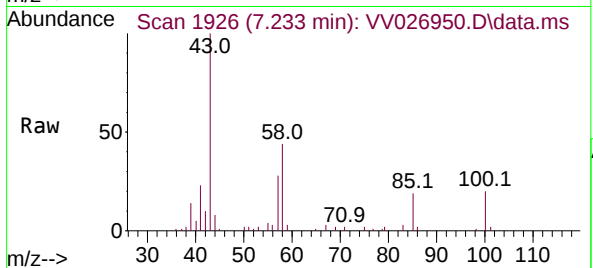
Tgt Ion: 43 Resp: 20278

Ion Ratio Lower Upper

43 100

58 43.9 35.0 52.6

100 17.5 15.4 23.0



#42

Toluene

Concen: 3.047 ug/L

RT: 7.391 min Scan# 1975

Delta R.T. 0.010 min

Lab File: VV026950.D

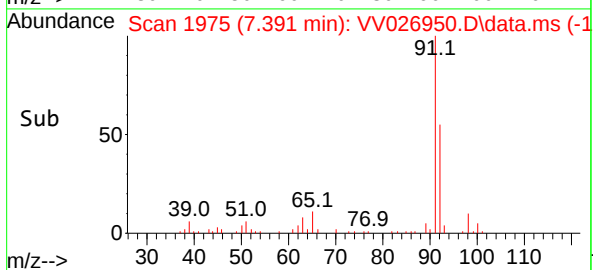
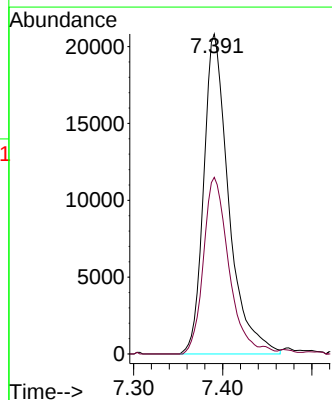
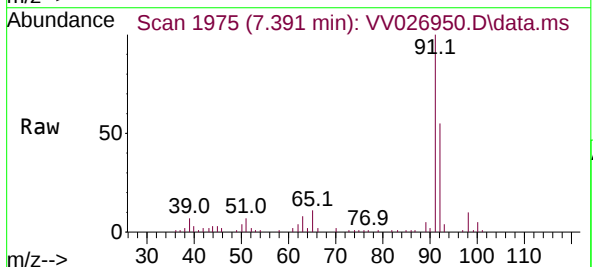
Acq: 26 Jul 2022 14:18

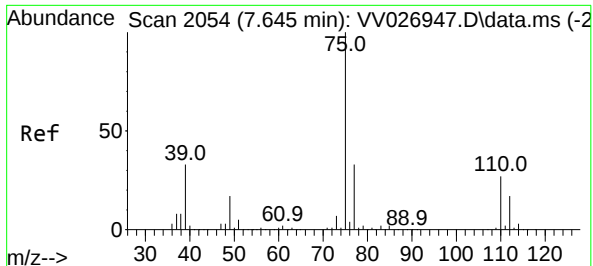
Tgt Ion: 91 Resp: 40677

Ion Ratio Lower Upper

91 100

92 55.2 40.5 75.1

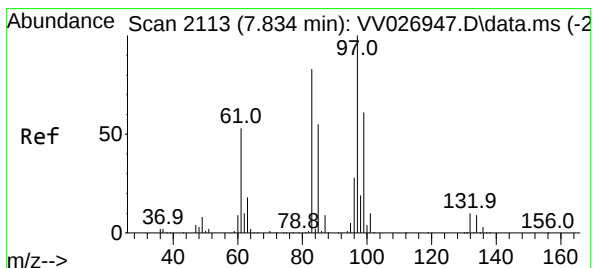
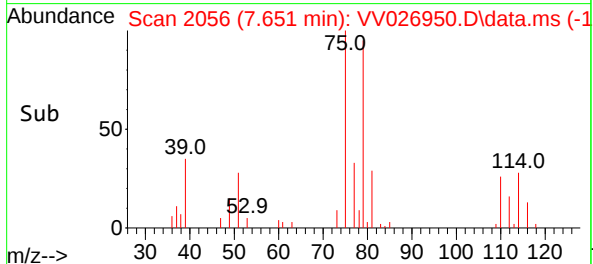
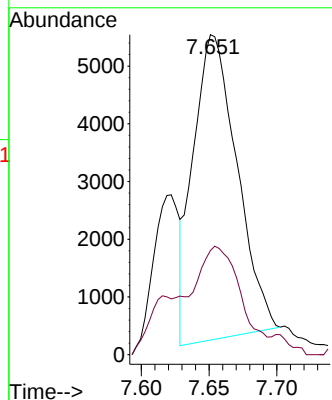
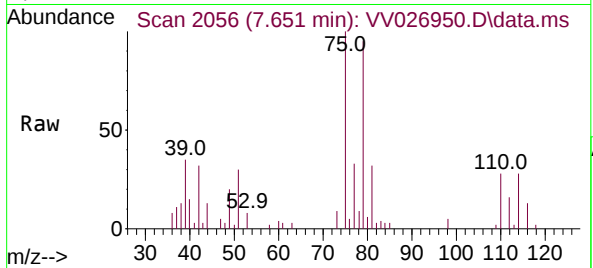




#44
trans-1,3-Dichloropropene
Concen: 2.541 ug/L
RT: 7.651 min Scan# 2056
Delta R.T. 0.006 min
Lab File: VV026950.D
Acq: 26 Jul 2022 14:18

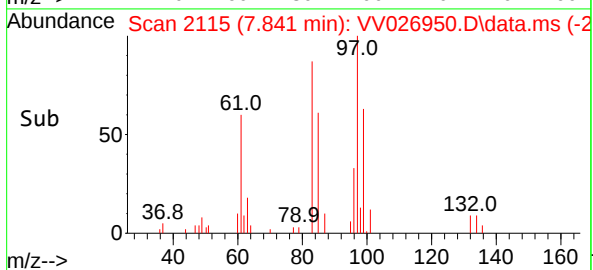
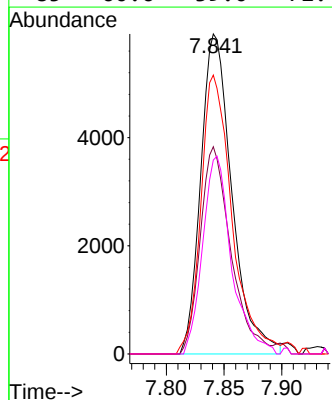
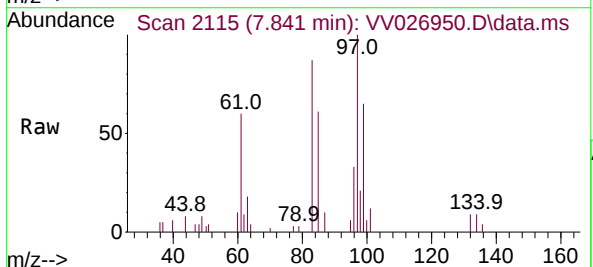
Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT2-2022-04

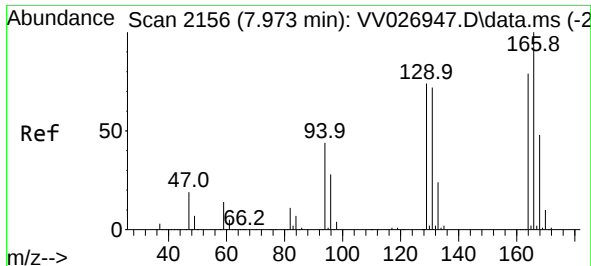
Tgt Ion: 75 Resp: 11838
Ion Ratio Lower Upper
75 100
77 32.5 21.3 39.6



#45
1,1,2-Trichloroethane
Concen: 3.067 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.006 min
Lab File: VV026950.D
Acq: 26 Jul 2022 14:18

Tgt Ion: 97 Resp: 11117
Ion Ratio Lower Upper
97 100
99 64.8 44.0 81.8
83 87.2 59.9 111.3
85 60.6 39.0 72.4



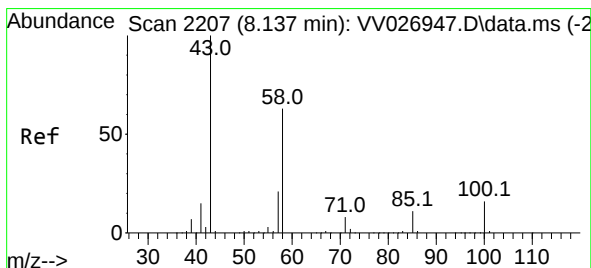
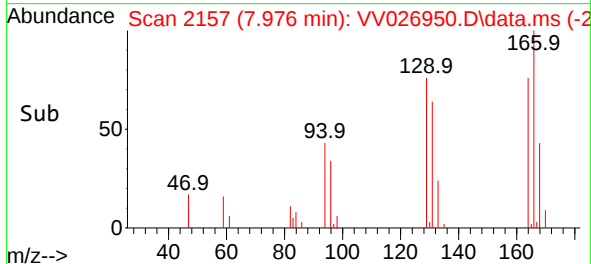
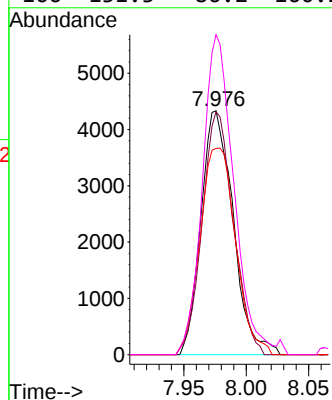
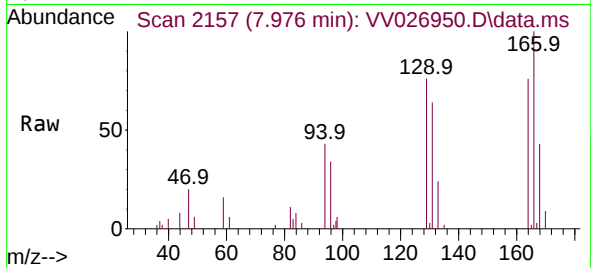


#46
Tetrachloroethene
Concen: 2.978 ug/L
RT: 7.976 min Scan# 2156
Delta R.T. 0.003 min
Lab File: VV026950.D
Acq: 26 Jul 2022 14:18

Instrument : MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2022-04

Tgt Ion:164 Resp: 7807

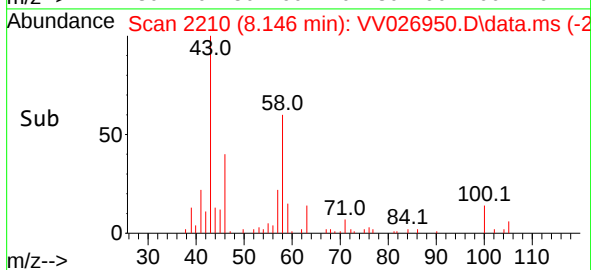
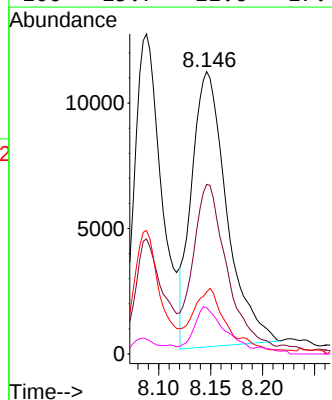
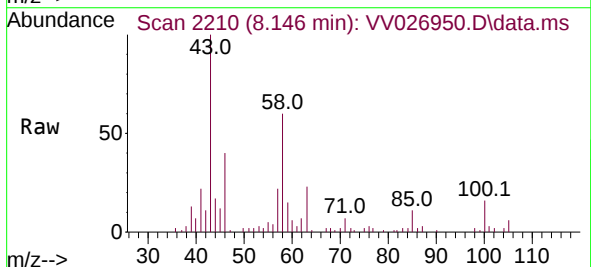
Ion	Ratio	Lower	Upper
164	100		
129	99.7	66.3	123.1
131	84.6	63.1	117.3
166	131.3	86.2	160.2

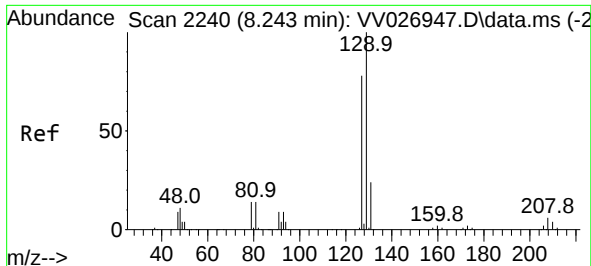


#48
2-Hexanone
Concen: 8.174 ug/L
RT: 8.146 min Scan# 2210
Delta R.T. 0.009 min
Lab File: VV026950.D
Acq: 26 Jul 2022 14:18

Tgt Ion: 43 Resp: 25769

Ion	Ratio	Lower	Upper
43	100		
58	56.8	48.8	73.2
57	14.2	16.6	24.8#
100	15.7	11.6	17.4





#49

Dibromochloromethane

Concen: 2.970 ug/L

RT: 8.246 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV026950.D

Acq: 26 Jul 2022 14:18

Instrument :

MSVOA_V

ClientSampleId :

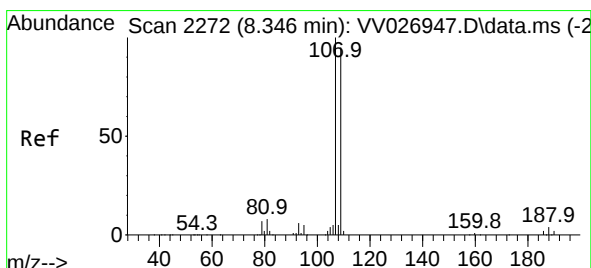
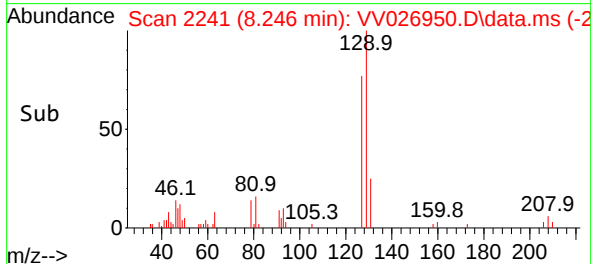
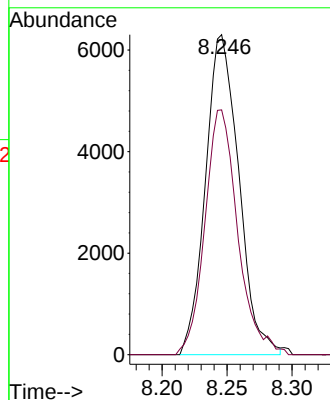
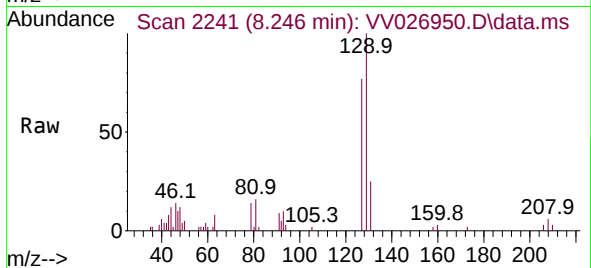
MDL-WATER-QT2-2022-04

Tgt Ion:129 Resp: 11250

Ion Ratio Lower Upper

129 100

127 76.5 53.7 99.7



#50

1,2-Dibromoethane

Concen: 2.919 ug/L

RT: 8.355 min Scan# 2275

Delta R.T. 0.010 min

Lab File: VV026950.D

Acq: 26 Jul 2022 14:18

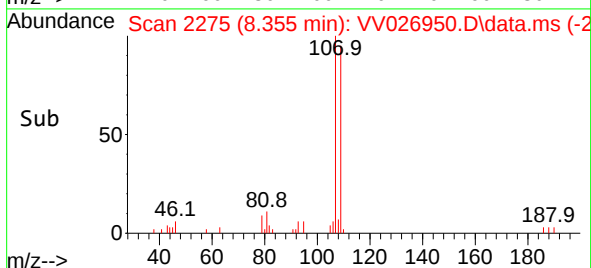
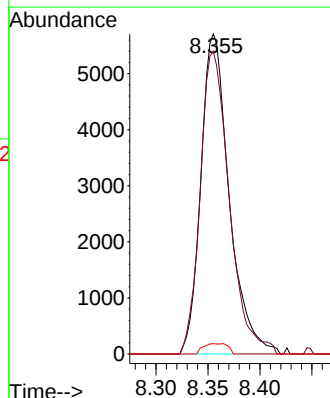
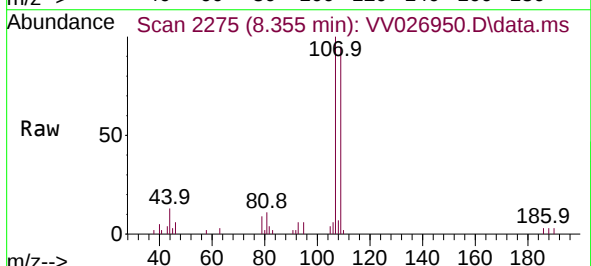
Tgt Ion:107 Resp: 10825

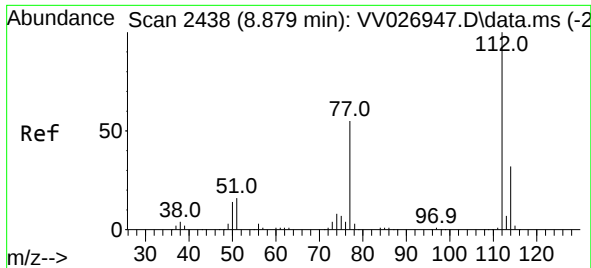
Ion Ratio Lower Upper

107 100

109 94.6 64.9 120.5

188 3.3 2.6 3.8

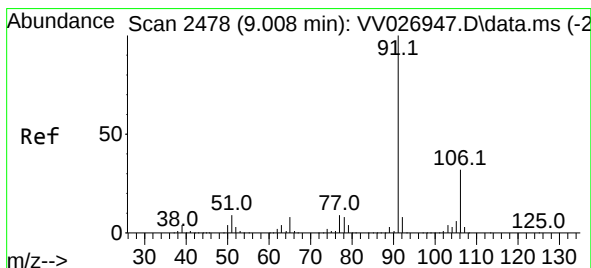
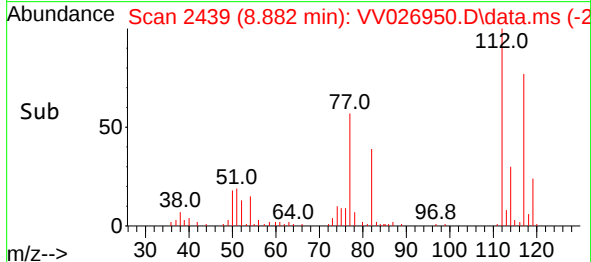
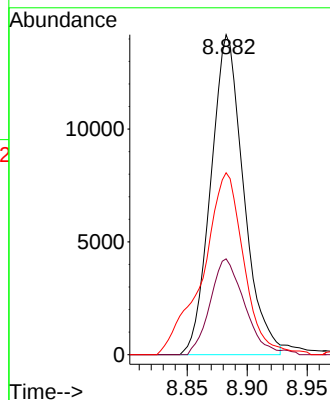
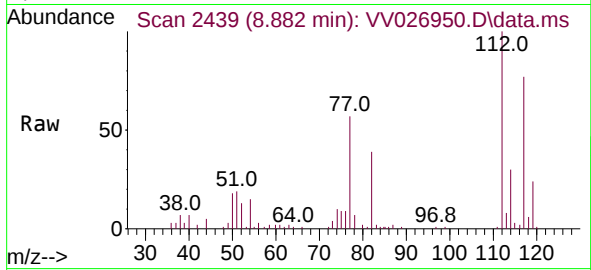




#51
Chlorobenzene
Concen: 2.893 ug/L
RT: 8.882 min Scan# 2438
Delta R.T. 0.003 min
Lab File: VV026950.D
Acq: 26 Jul 2022 14:18

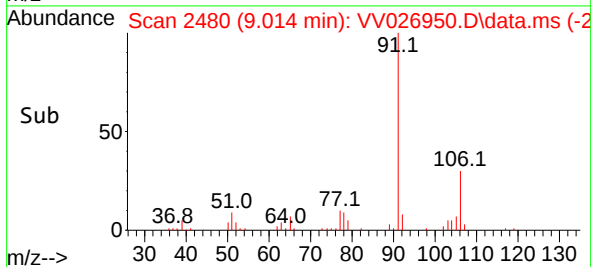
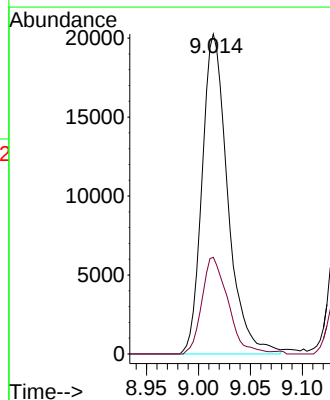
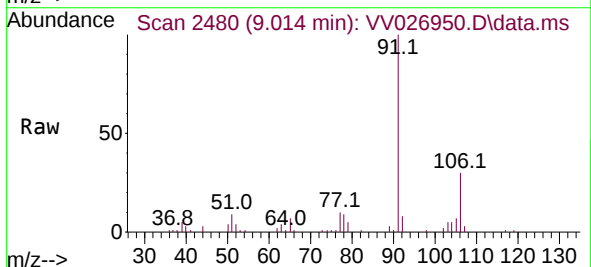
Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT2-2022-04

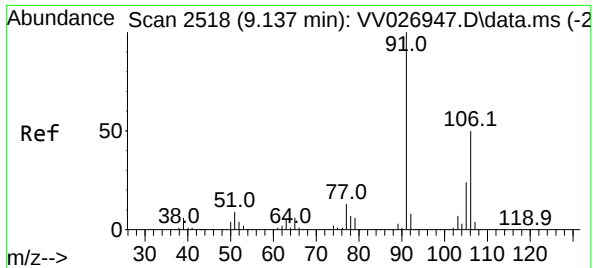
Tgt Ion:112	Resp:	26920
Ion Ratio	Lower	Upper
112	100	
114	29.9	22.7 42.1
77	56.9	44.4 66.6



#52
Ethylbenzene
Concen: 2.513 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. 0.006 min
Lab File: VV026950.D
Acq: 26 Jul 2022 14:18

Tgt Ion: 91	Resp:	34813
Ion Ratio	Lower	Upper
91	100	
106	30.2	22.0 40.8

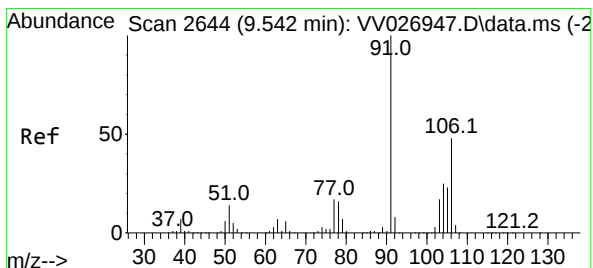
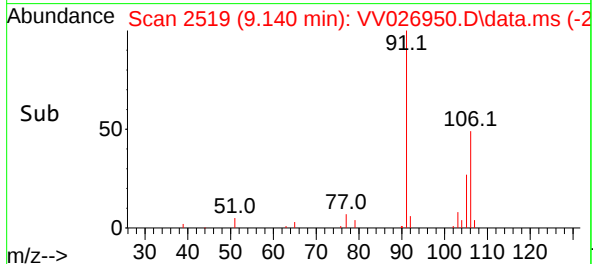
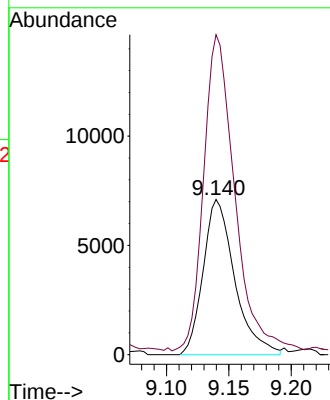
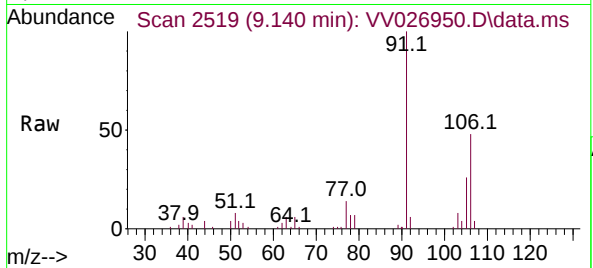




#53
m,p-Xylene
Concen: 2.302 ug/L
RT: 9.140 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV026950.D
Acq: 26 Jul 2022 14:18

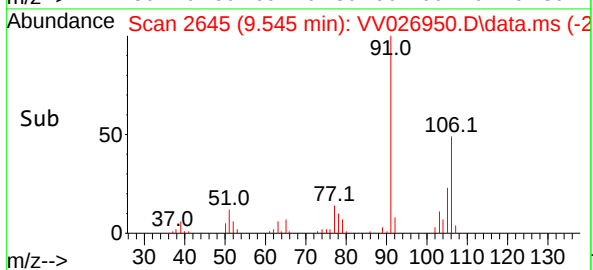
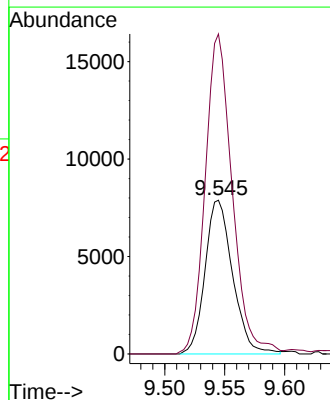
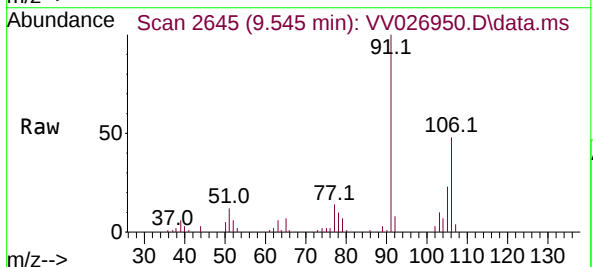
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2022-04

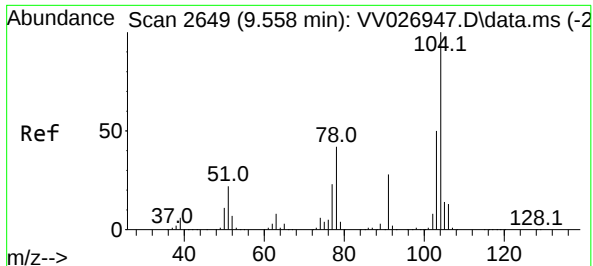
Tgt Ion:106 Resp: 12491
Ion Ratio Lower Upper
106 100
91 206.3 140.0 260.0



#54
o-Xylene
Concen: 2.416 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV026950.D
Acq: 26 Jul 2022 14:18

Tgt Ion:106 Resp: 12626
Ion Ratio Lower Upper
106 100
91 208.1 146.1 271.3

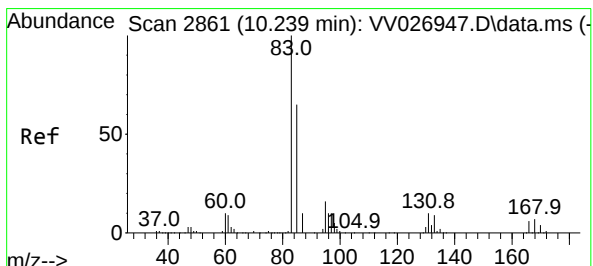
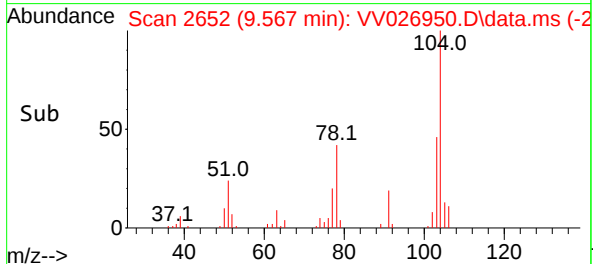
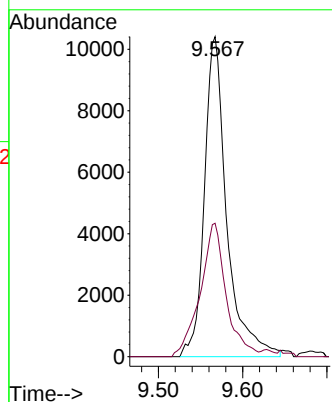
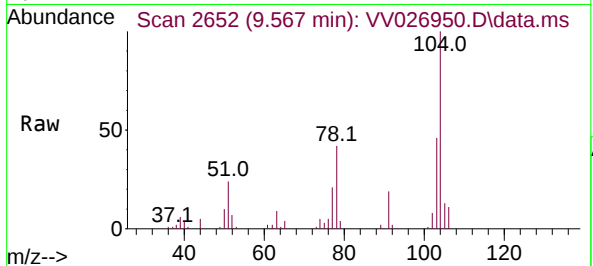




#55
Styrene
Concen: 2.082 ug/L
RT: 9.567 min Scan# 2652
Delta R.T. 0.009 min
Lab File: VV026950.D
Acq: 26 Jul 2022 14:18

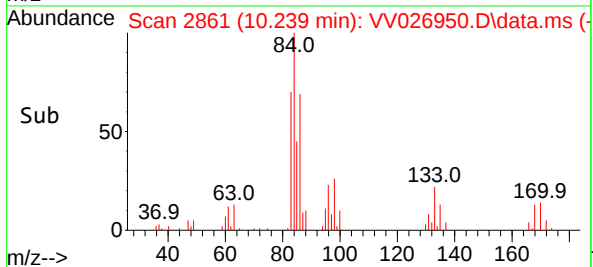
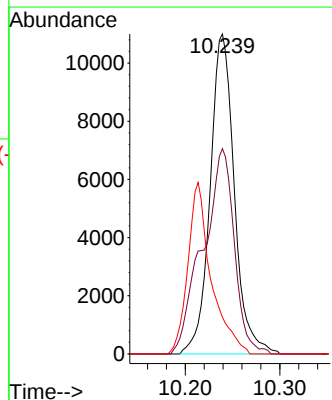
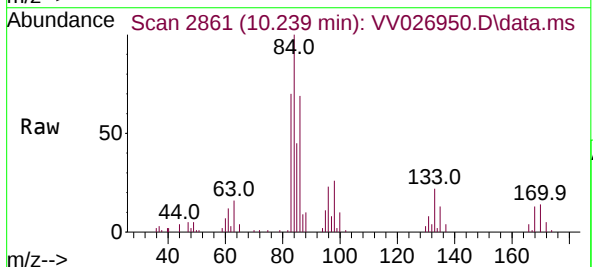
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2022-04

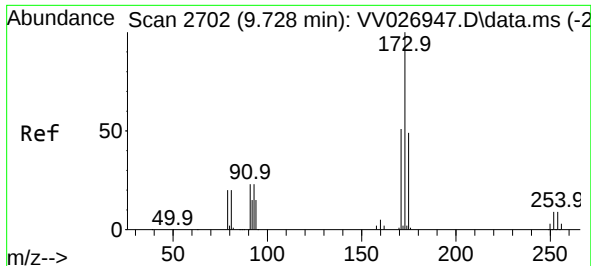
Tgt Ion:104 Resp: 19214
Ion Ratio Lower Upper
104 100
78 41.7 29.6 55.0



#57
1,1,2,2-Tetrachloroethane
Concen: 3.344 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. -0.000 min
Lab File: VV026950.D
Acq: 26 Jul 2022 14:18

Tgt Ion: 83 Resp: 19567
Ion Ratio Lower Upper
83 100
85 64.1 45.3 84.1
131 11.5 7.8 11.6

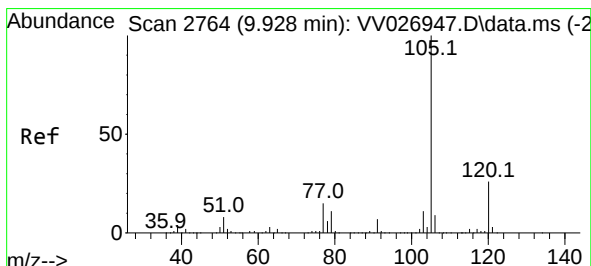
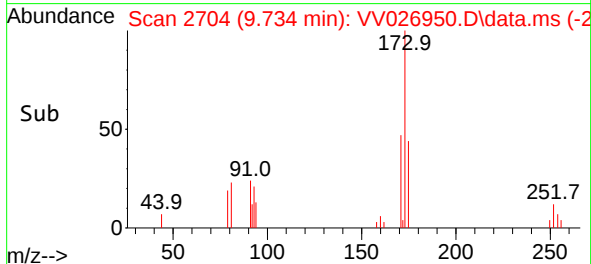
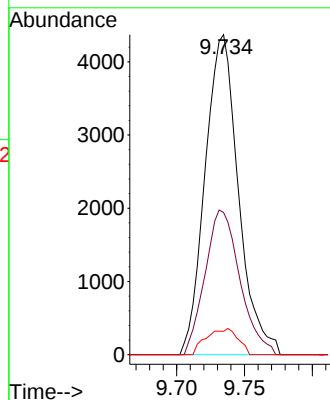
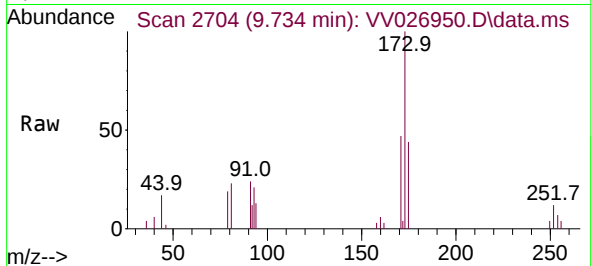




#59
Bromoform
Concen: 3.653 ug/L
RT: 9.734 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV026950.D
Acq: 26 Jul 2022 14:18

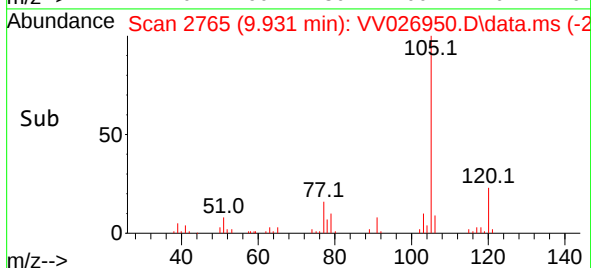
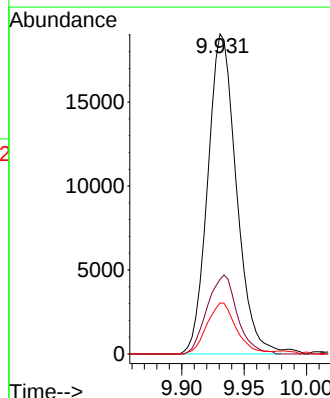
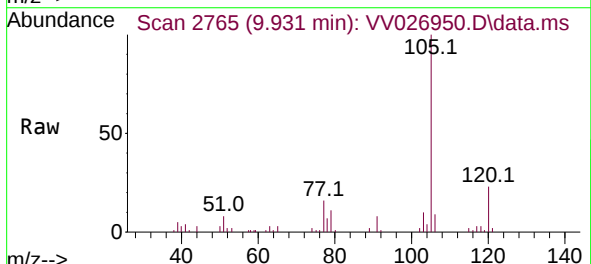
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2022-04

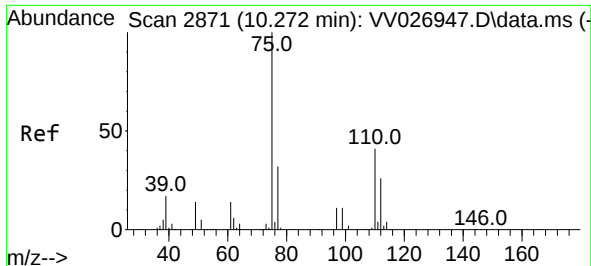
Tgt Ion:173 Resp: 7478
Ion Ratio Lower Upper
173 100
175 47.2 38.6 57.8
254 4.6 6.6 10.0#



#60
Isopropylbenzene
Concen: 2.813 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.003 min
Lab File: VV026950.D
Acq: 26 Jul 2022 14:18

Tgt Ion:105 Resp: 30461
Ion Ratio Lower Upper
105 100
120 25.9 21.1 31.7
77 16.4 11.9 17.9

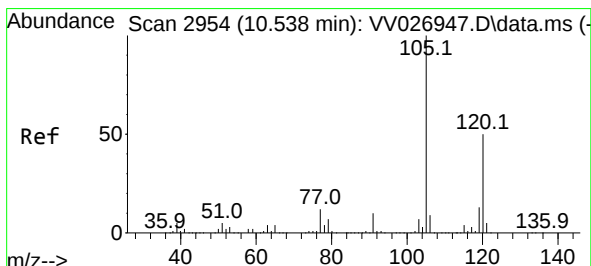
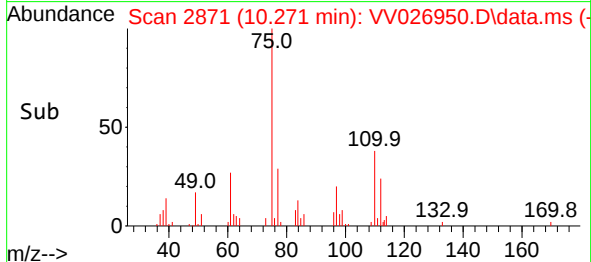
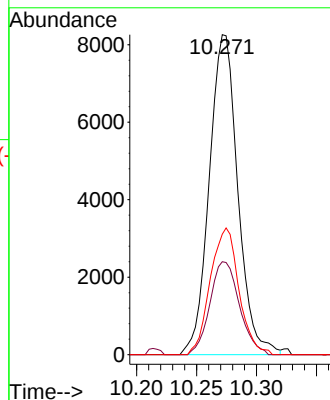
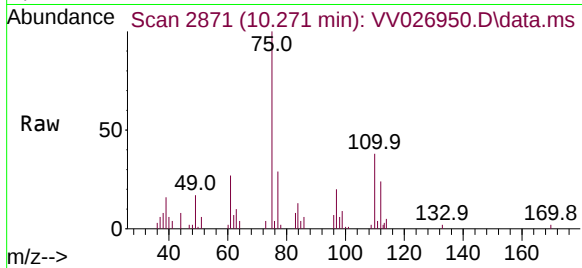




#61
1,2,3-Trichloropropane
Concen: 3.728 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV026950.D
Acq: 26 Jul 2022 14:18

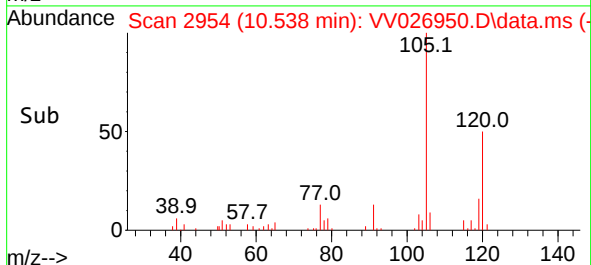
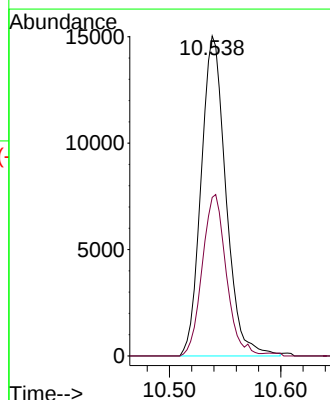
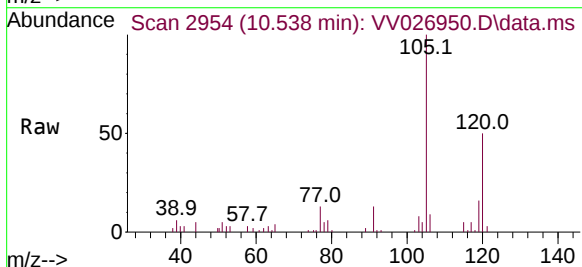
Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT2-2022-04

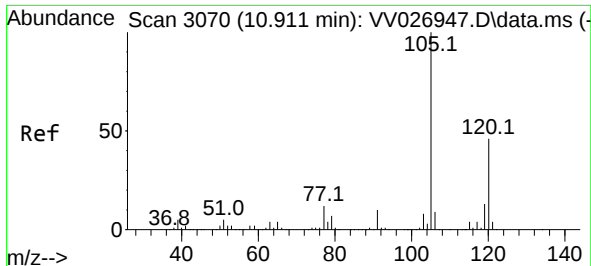
Tgt Ion: 75 Resp: 13707
Ion Ratio Lower Upper
75 100
77 29.9 25.6 38.4
110 39.4 31.7 47.5



#62
1,3,5-Trimethylbenzene
Concen: 2.641 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. -0.000 min
Lab File: VV026950.D
Acq: 26 Jul 2022 14:18

Tgt Ion: 105 Resp: 23242
Ion Ratio Lower Upper
105 100
120 48.1 39.8 59.6

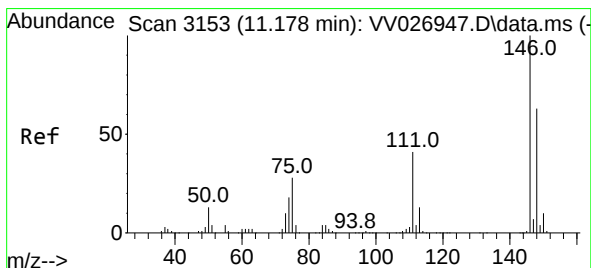
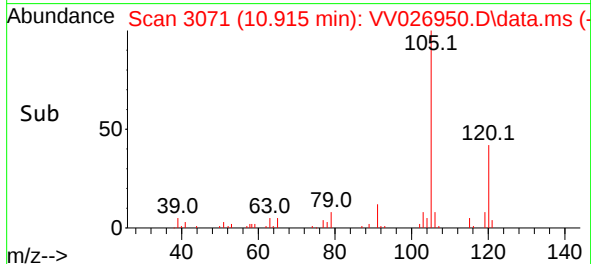
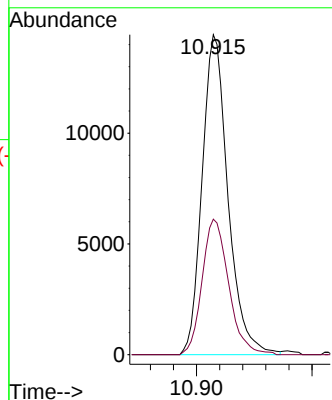
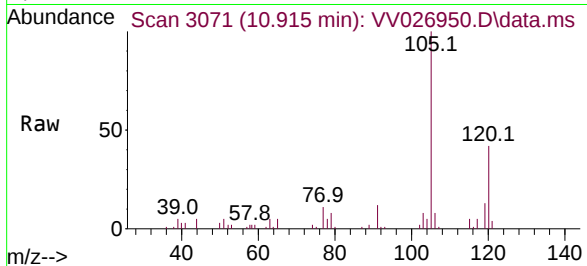




#63
1,2,4-Trimethylbenzene
Concen: 2.545 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. 0.003 min
Lab File: VV026950.D
Acq: 26 Jul 2022 14:18

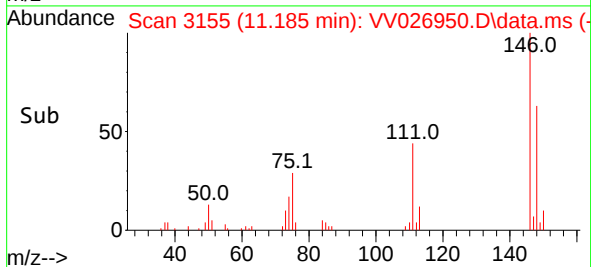
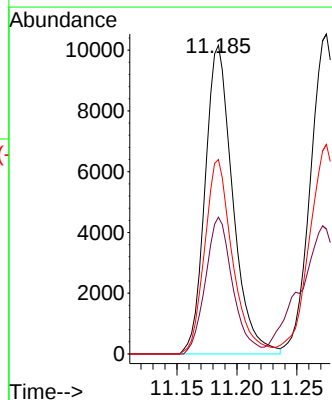
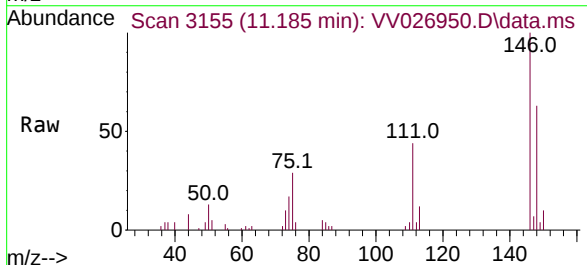
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2022-04

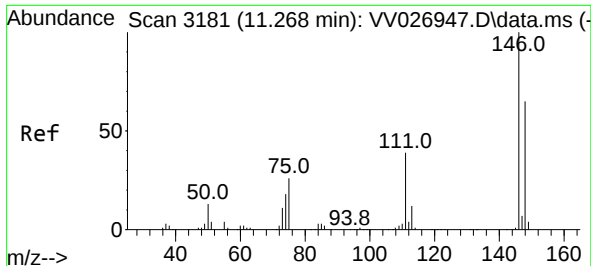
Tgt Ion:105 Resp: 22469
Ion Ratio Lower Upper
105 100
120 43.5 37.1 55.7



#64
1,3-Dichlorobenzene
Concen: 2.949 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.006 min
Lab File: VV026950.D
Acq: 26 Jul 2022 14:18

Tgt Ion:146 Resp: 16318
Ion Ratio Lower Upper
146 100
111 44.3 27.9 51.9
148 63.0 44.2 82.2





#65

1,4-Dichlorobenzene

Concen: 3.094 ug/L

RT: 11.275 min Scan# 3181

Delta R.T. 0.006 min

Lab File: VV026950.D

Acq: 26 Jul 2022 14:18

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT2-2022-04

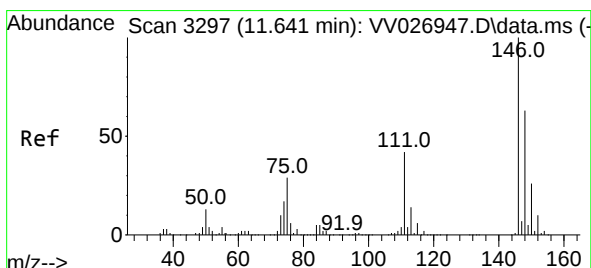
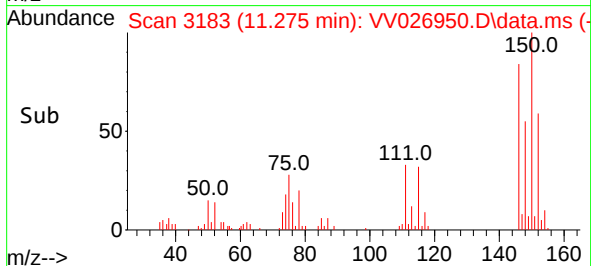
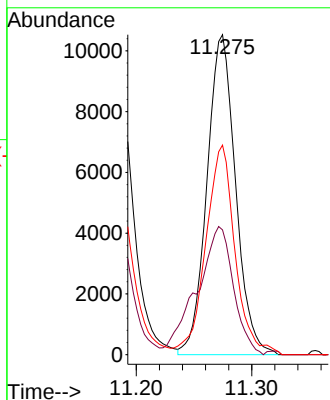
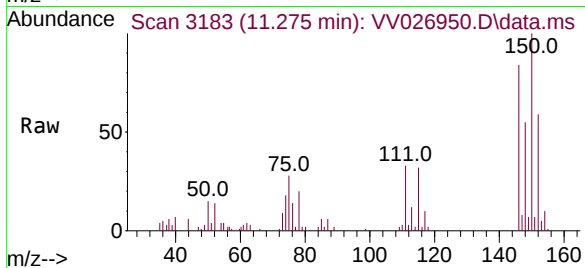
Tgt Ion:146 Resp: 18138

Ion Ratio Lower Upper

146 100

111 39.0 27.4 51.0

148 65.5 44.4 82.4



#67

1,2-Dichlorobenzene

Concen: 3.565 ug/L

RT: 11.641 min Scan# 3297

Delta R.T. -0.000 min

Lab File: VV026950.D

Acq: 26 Jul 2022 14:18

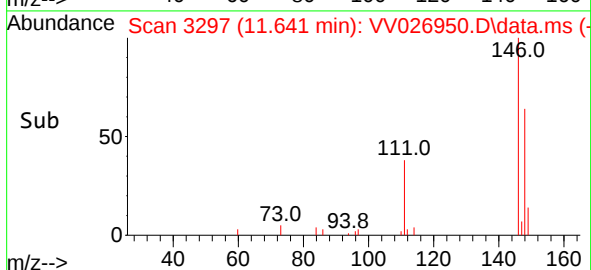
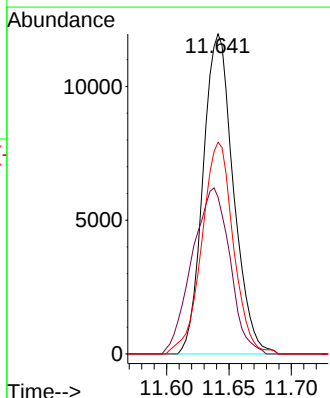
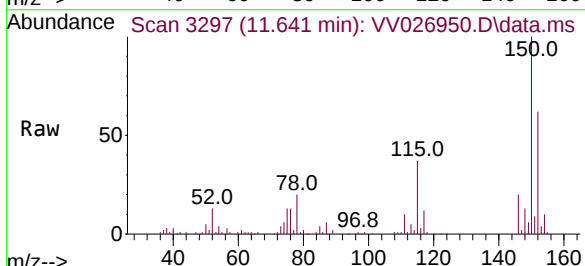
Tgt Ion:146 Resp: 20237

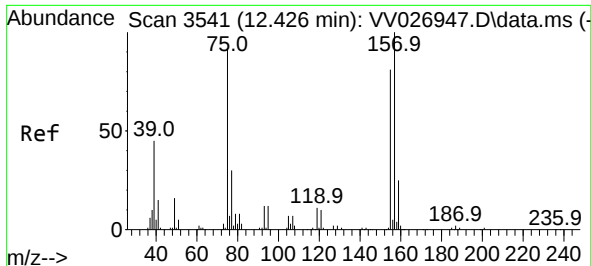
Ion Ratio Lower Upper

146 100

111 49.0 33.2 49.8

148 66.1 51.4 77.2





#68

1,2-Dibromo-3-chloropropane

Concen: 3.334 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. -0.000 min

Lab File: VV026950.D

Acq: 26 Jul 2022 14:18

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT2-2022-04

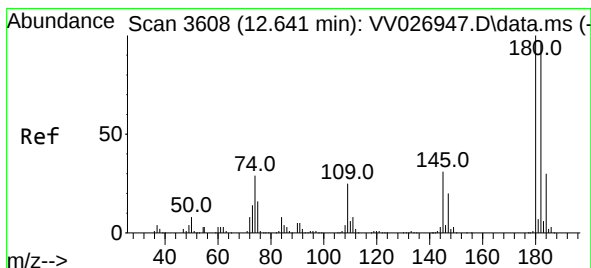
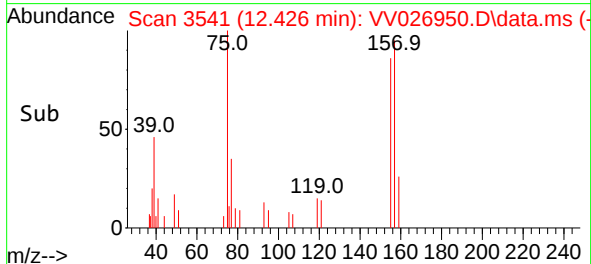
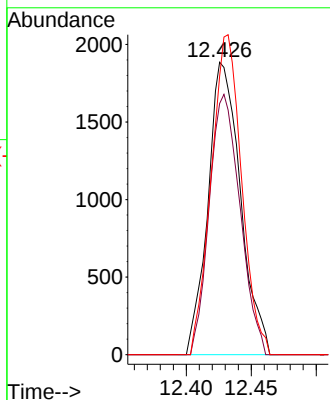
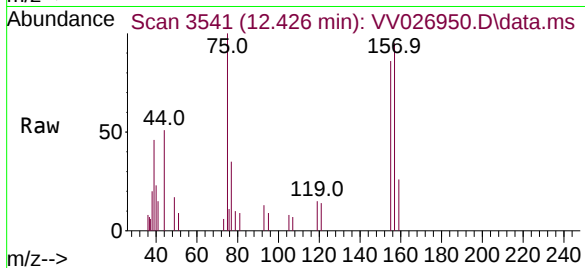
Tgt Ion: 75 Resp: 3275

Ion Ratio Lower Upper

75 100

155 85.8 67.7 101.5

157 95.2 87.1 130.7



#69

1,3,5-Trichlorobenzene

Concen: 2.743 ug/L

RT: 12.648 min Scan# 3610

Delta R.T. 0.006 min

Lab File: VV026950.D

Acq: 26 Jul 2022 14:18

Tgt Ion: 180 Resp: 10746

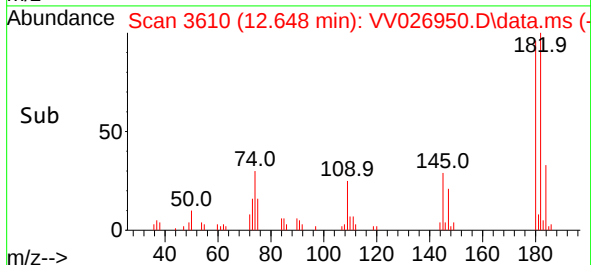
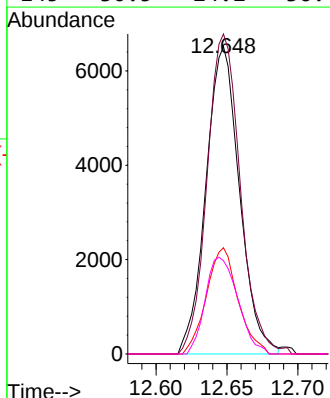
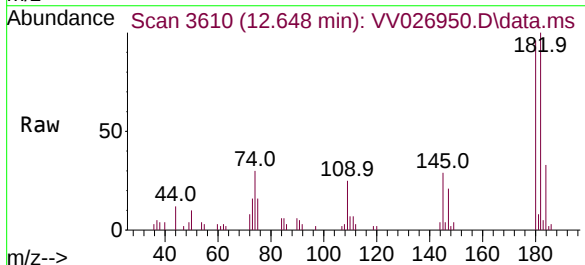
Ion Ratio Lower Upper

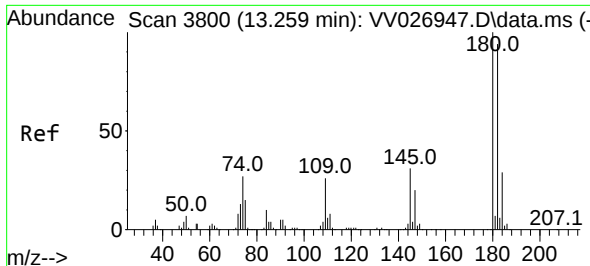
180 100

182 102.2 75.6 113.4

184 32.4 23.8 35.8

145 30.5 24.2 36.4

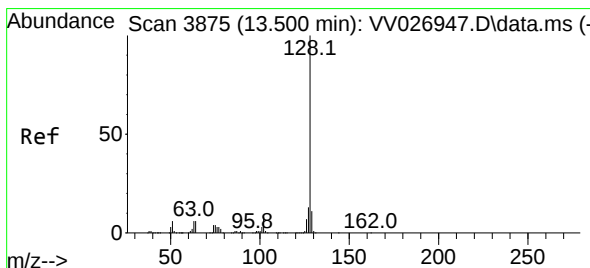
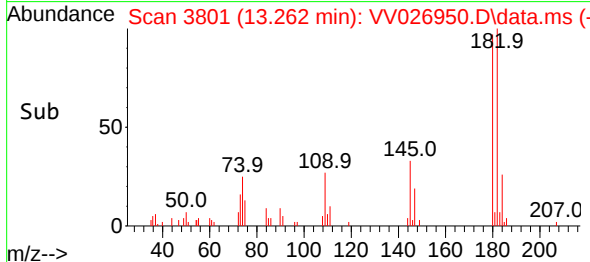
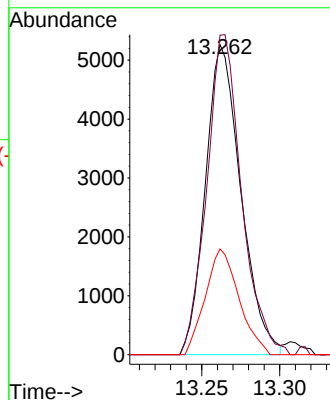
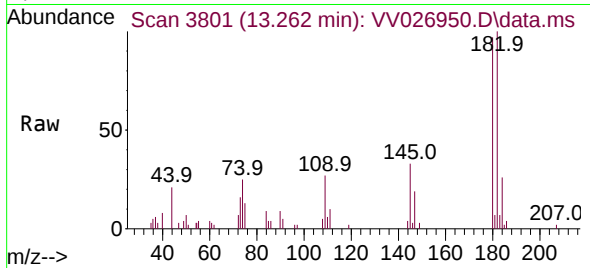




#70
1,2,4-trichlorobenzene
Concen: 2.526 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. 0.003 min
Lab File: VV026950.D
Acq: 26 Jul 2022 14:18

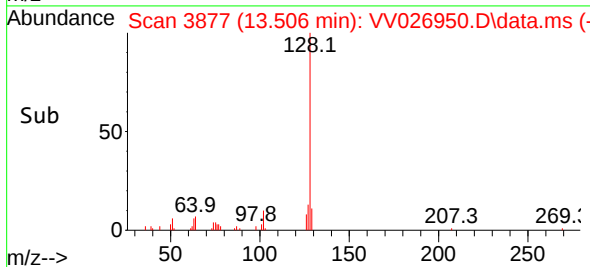
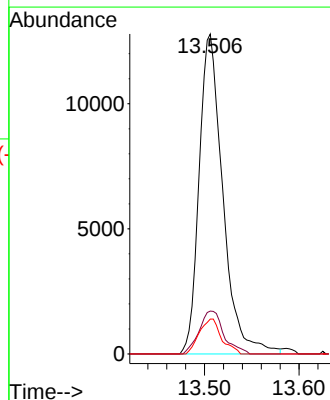
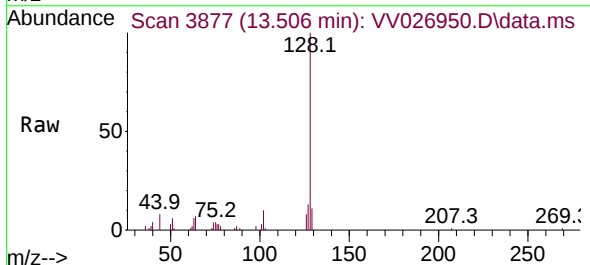
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2022-04

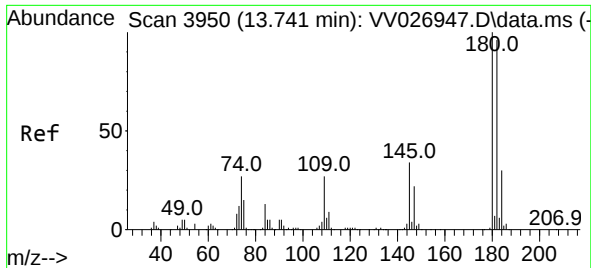
Tgt Ion:180	Resp:	8336
Ion Ratio	Lower	Upper
180	100	
182	101.1	76.2 114.4
145	32.3	25.0 37.6



#71
Naphthalene
Concen: 2.148 ug/L
RT: 13.506 min Scan# 3877
Delta R.T. 0.006 min
Lab File: VV026950.D
Acq: 26 Jul 2022 14:18

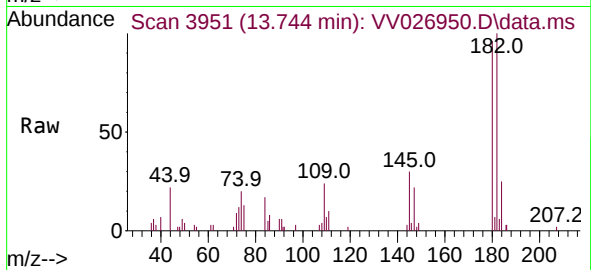
Tgt Ion:128	Resp:	22297
Ion Ratio	Lower	Upper
128	100	
127	13.9	10.4 15.6
129	10.2	8.6 13.0





#72
 1,2,3-Trichlorobenzene
 Concen: 2.380 ug/L
 RT: 13.744 min Scan# 3951
 Delta R.T. 0.003 min
 Lab File: VV026950.D
 Acq: 26 Jul 2022 14:18

Instrument : MSVOA_V
 ClientSampleId : MDL-WATER-QT2-2022-04



Tgt Ion:	180	Resp:	8194
Ion	Ratio	Lower	Upper
180	100		
182	100.6	75.4	113.2
145	34.7	26.6	40.0

