

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW091422\
 Data File : VW027828.D
 Acq On : 14 Sep 2022 15:09
 Operator : SY/MD
 Sample : N4519-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT4-2022-07

Quant Time: Sep 15 02:51:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR090622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 15 02:47:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.593	114	152052	5.000	ug/L	-0.02
28) Chlorobenzene-d5	8.853	117	116001	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	54664	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.298	65	41507	4.141	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.800%
7) Chloroethane-d5	1.558	69	40061	4.712	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.200%
11) 1,1-Dichloroethene-d2	2.098	63	67768	3.186	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.800%
20) 2-Butanone-d5	3.953	46	112646	50.713	ug/L	0.06
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.420%
24) Chloroform-d	4.346	84	101917	4.966	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
26) 1,2-Dichloroethane-d4	5.027	65	59275	5.424	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.400%
32) Benzene-d6	5.030	84	200864	5.969	ug/L	-0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	119.400%
36) 1,2-Dichloropropane-d6	6.050	67	52425	5.321	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.400%
41) Toluene-d8	7.320	98	147659	5.218	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.400%
43) trans-1,3-Dichloroprop...	7.628	79	15184	4.594	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.800%
46) 2-Hexanone-d5	8.114	63	62000	50.460	ug/L	0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.920%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	34322	5.425	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	50540	5.628	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	2560	0.172	ug/L	92
3) Chloromethane	1.233	50	2898	0.213	ug/L	83
5) Vinyl chloride	1.301	62	2751	0.201	ug/L #	67
6) Bromomethane	1.513	94	1482	0.201	ug/L	91
8) Chloroethane	1.577	64	1734	0.221	ug/L	88
9) Trichlorofluoromethane	1.744	101	4168	0.188	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.105	101	2587	0.239	ug/L #	84
12) 1,1-Dichloroethene	2.108	96	2674	0.265	ug/L #	1
14) Carbon disulfide	2.281	76	5354	0.179	ug/L	96
16) Methylene chloride	2.497	84	11994	0.924	ug/L	87
17) Methyl tert-butyl Ether	2.777	73	5270	0.220	ug/L #	88
18) trans-1,2-Dichloroethene	2.748	96	2143	0.201	ug/L	98
19) 1,1-Dichloroethane	3.185	63	4478	0.224	ug/L	95
22) cis-1,2-Dichloroethene	3.908	96	2907	0.251	ug/L #	93
23) Bromochloromethane	4.246	128	1156	0.237	ug/L #	83
25) Chloroform	4.375	83	8504	0.384	ug/L	91
27) 1,2-Dichloroethane	5.127	62	3260	0.243	ug/L #	86
29) 1,1,1-Trichloroethane	4.600	97	4697	0.263	ug/L	94
30) Cyclohexane	4.657	56	3089	0.211	ug/L #	85

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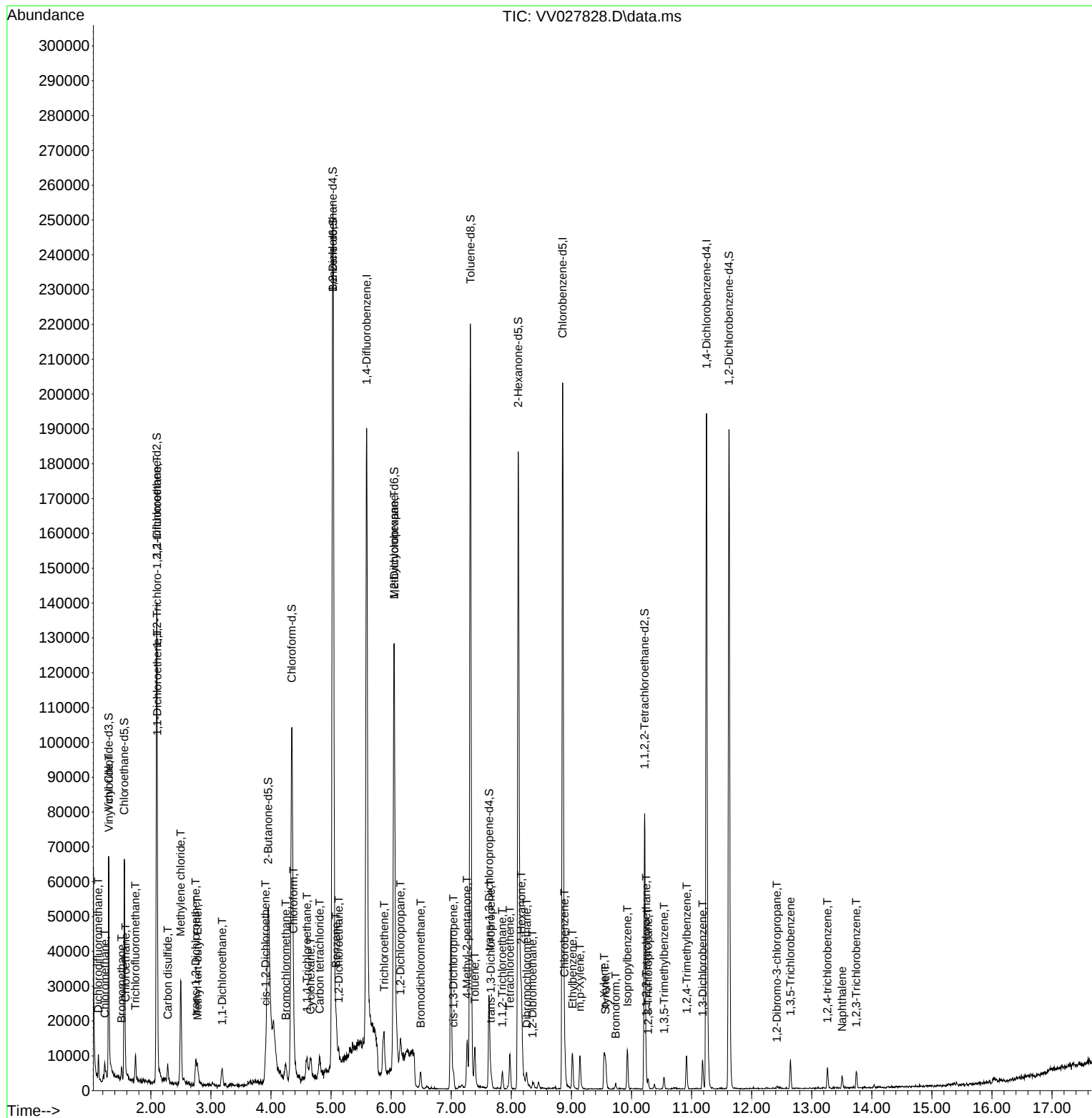
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
31) Carbon tetrachloride	4.809	117	3522	0.232	ug/L	92
33) Benzene	5.082	78	9657	0.252	ug/L	100
34) Trichloroethene	5.886	95	2477	0.258	ug/L	95
35) Methylcyclohexane	6.050	83	19209	1.304	ug/L #	18
37) 1,2-Dichloropropane	6.153	63	2015	0.222	ug/L #	90
38) Bromodichloromethane	6.490	83	3069	0.255	ug/L #	92
39) cis-1,3-Dichloropropene	7.034	75	2296	0.200	ug/L	87
40) 4-Methyl-2-pentanone	7.262	43	8310	2.017	ug/L #	83
42) Toluene	7.391	91	8468	0.228	ug/L	95
44) trans-1,3-Dichloropropene	7.657	75	2099	0.218	ug/L #	77
45) 1,1,2-Trichloroethane	7.850	97	1455	0.247	ug/L	97
47) Tetrachloroethene	7.976	164	2093	0.272	ug/L	95
48) 2-Hexanone	8.169	43	14338	4.786	ug/L	93
49) Dibromochloromethane	8.255	129	1610	0.215	ug/L	98
50) 1,2-Dibromoethane	8.352	107	629	0.118	ug/L #	61
51) Chlorobenzene	8.886	112	5890	0.245	ug/L	98
52) Ethylbenzene	9.017	91	7584	0.197	ug/L	94
53) m,p-Xylene	9.143	106	2868	0.189	ug/L	94
54) o-Xylene	9.548	106	2883	0.200	ug/L	100
55) Styrene	9.567	104	4492	0.180	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.246	83	1760	0.267	ug/L #	91
59) Bromoform	9.738	173	754	0.228	ug/L #	79
60) Isopropylbenzene	9.934	105	7505	0.219	ug/L	96
61) 1,2,3-Trichloropropane	10.278	75	1233	0.285	ug/L #	89
62) 1,3,5-Trimethylbenzene	10.545	105	2262	0.235	ug/L	91
63) 1,2,4-Trimethylbenzene	10.918	105	5803	0.212	ug/L	95
64) 1,3-Dichlorobenzene	11.185	146	4003	0.231	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.419	75	124	0.133	ug/L #	38
69) 1,3,5-Trichlorobenzene	12.648	180	2936	0.224	ug/L	97
70) 1,2,4-trichlorobenzene	13.262	180	2056	0.198	ug/L	98
71) Naphthalene	13.506	128	3050	0.187	ug/L #	94
72) 1,2,3-Trichlorobenzene	13.741	180	1814	0.196	ug/L	94

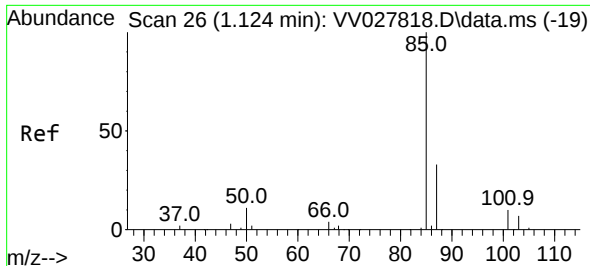
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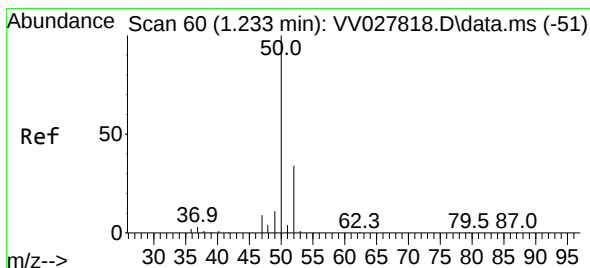
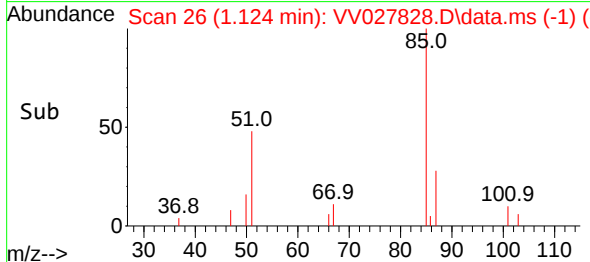
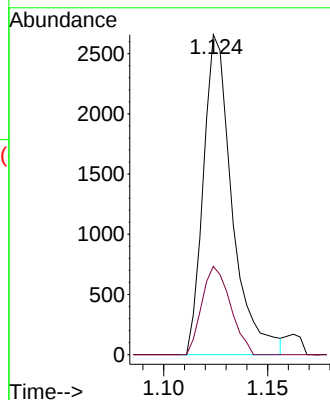
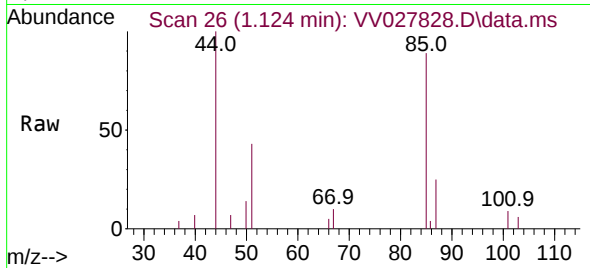




#2
 Dichlorodifluoromethane
 Concen: 0.172 ug/L
 RT: 1.124 min Scan# 26
 Delta R.T. -0.007 min
 Lab File: VV027828.D
 Acq: 14 Sep 2022 15:09

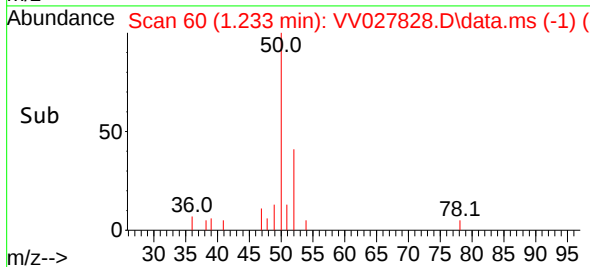
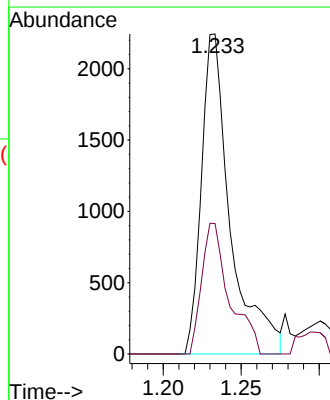
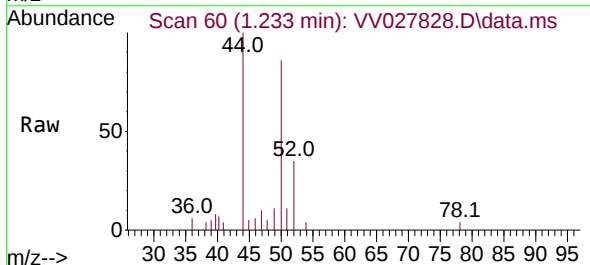
Instrument : MSVOA_V
 ClientSampleId : MDL-WATER-QT4-2022-07

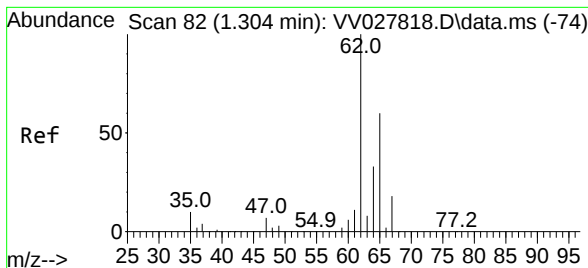
Tgt Ion: 85 Resp: 2560
 Ion Ratio Lower Upper
 85 100
 87 27.3 25.4 38.0



#3
 Chloromethane
 Concen: 0.213 ug/L
 RT: 1.233 min Scan# 60
 Delta R.T. -0.007 min
 Lab File: VV027828.D
 Acq: 14 Sep 2022 15:09

Tgt Ion: 50 Resp: 2898
 Ion Ratio Lower Upper
 50 100
 52 40.8 22.1 41.1





#5

Vinyl chloride

Concen: 0.201 ug/L

RT: 1.301 min Scan# 81

Delta R.T. -0.007 min

Lab File: VV027828.D

Acq: 14 Sep 2022 15:09

Instrument :

MSVOA_V

ClientSampleId :

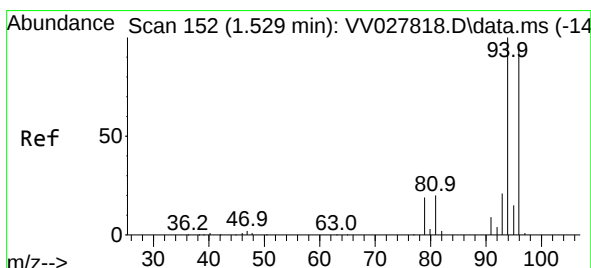
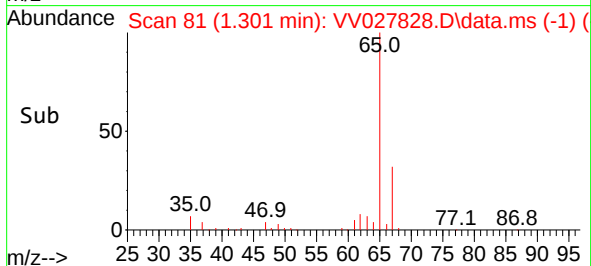
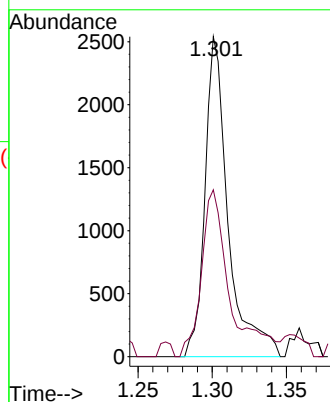
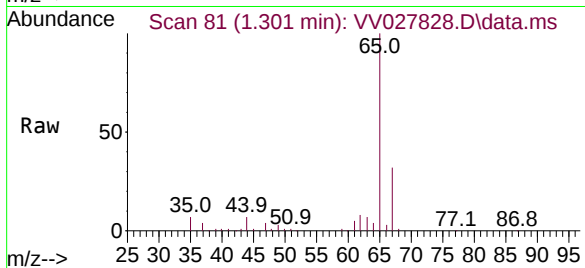
MDL-WATER-QT4-2022-07

Tgt Ion: 62 Resp: 2751

Ion Ratio Lower Upper

62 100

64 52.2 23.2 43.2#



#6

Bromomethane

Concen: 0.201 ug/L

RT: 1.513 min Scan# 147

Delta R.T. -0.007 min

Lab File: VV027828.D

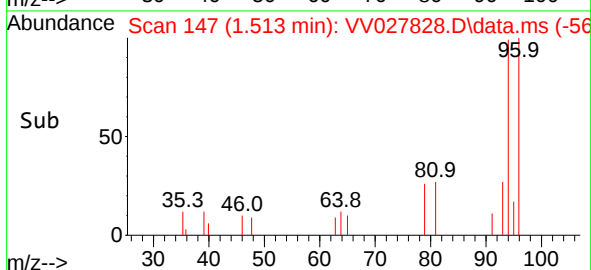
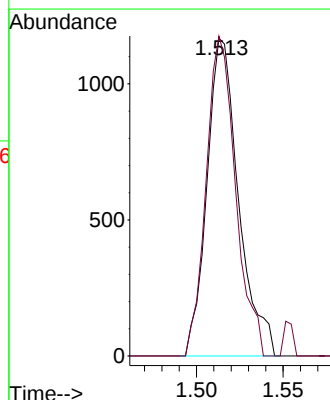
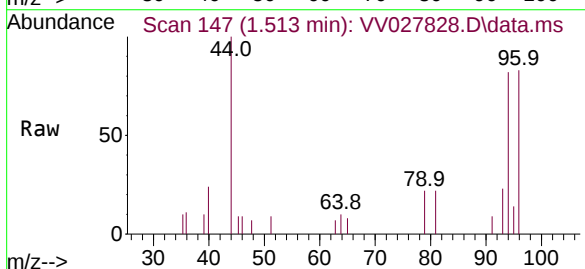
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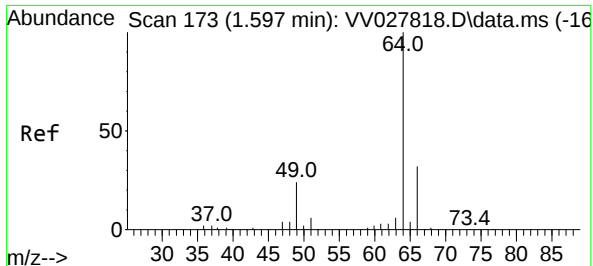
Tgt Ion: 94 Resp: 1482

Ion Ratio Lower Upper

94 100

96 100.7 64.2 119.2

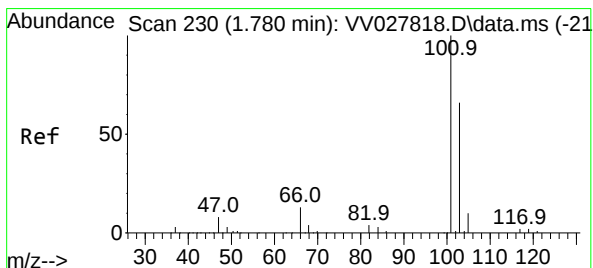
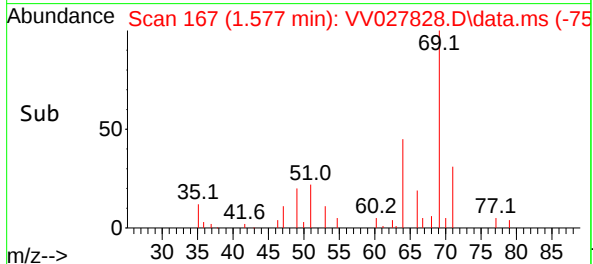
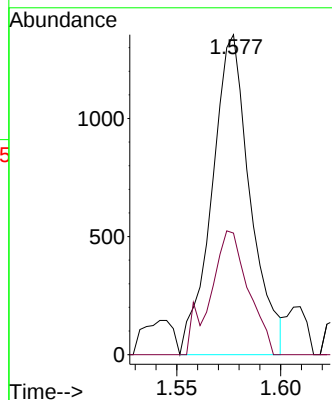
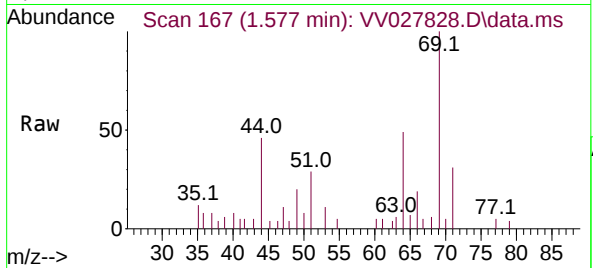




#8
Chloroethane
Concen: 0.221 ug/L
RT: 1.577 min Scan# 1
Delta R.T. -0.003 min
Lab File: VV027828.D
Acq: 14 Sep 2022 15:09

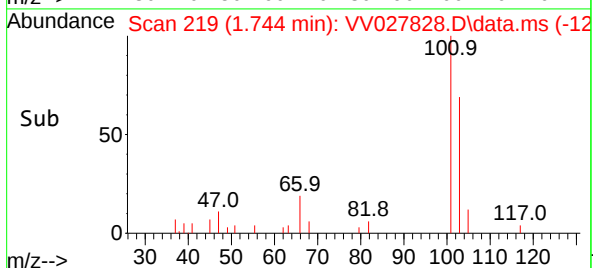
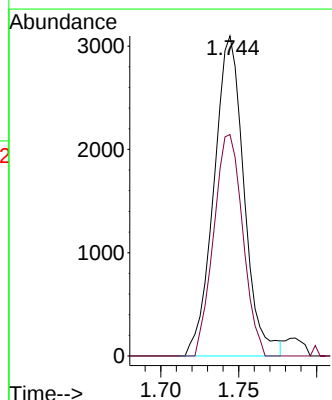
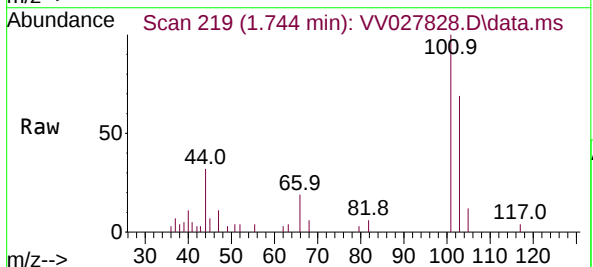
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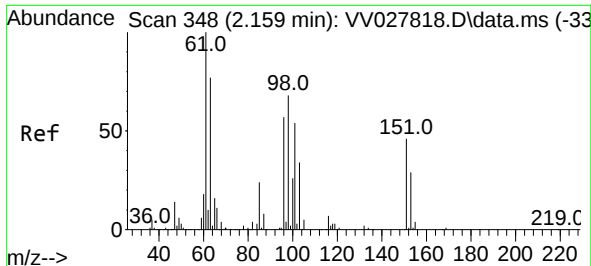
Tgt Ion: 64 Resp: 1734
Ion Ratio Lower Upper
64 100
66 38.0 22.1 41.1



#9
Trichlorofluoromethane
Concen: 0.188 ug/L
RT: 1.744 min Scan# 219
Delta R.T. -0.003 min
Lab File: VV027828.D
Acq: 14 Sep 2022 15:09

Tgt Ion:101 Resp: 4168
Ion Ratio Lower Upper
101 100
103 66.6 52.3 78.5





#10

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

Concen: 0.239 ug/L

RT: 2.105 min Scan# 31

Delta R.T. -0.010 min

Lab File: VV027828.D

Acq: 14 Sep 2022 15:09

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT4-2022-07

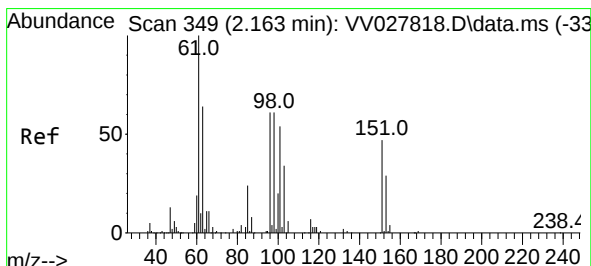
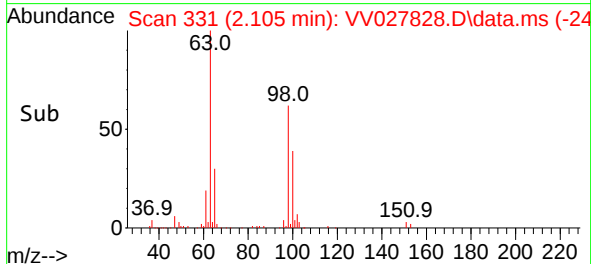
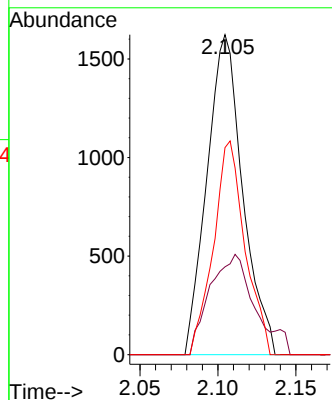
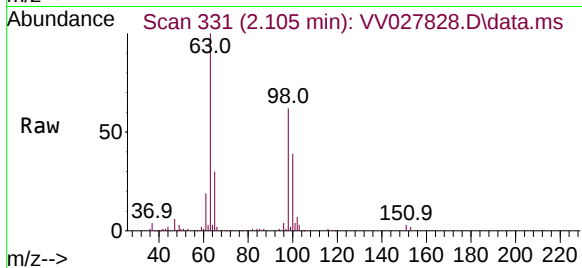
Tgt Ion:101 Resp: 2587

Ion Ratio Lower Upper

101 100

85 39.5 35.8 53.8

151 59.0 61.2 91.8#



#12

1,1-Dichloroethene

Concen: 0.265 ug/L

RT: 2.108 min Scan# 332

Delta R.T. -0.007 min

Lab File: VV027828.D

Acq: 14 Sep 2022 15:09

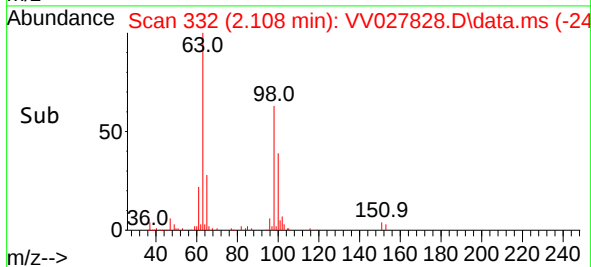
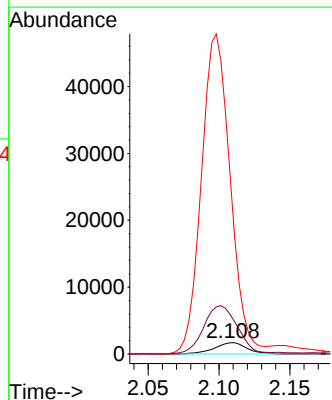
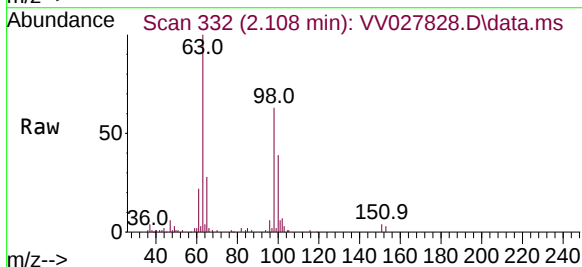
Tgt Ion: 96 Resp: 2674

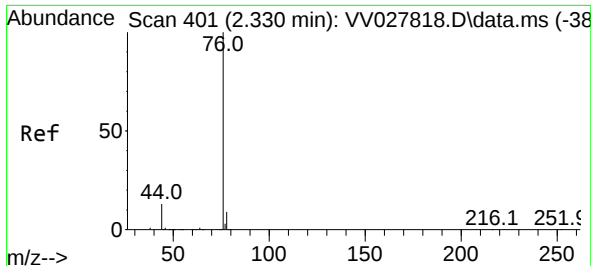
Ion Ratio Lower Upper

96 100

61 350.9 129.9 241.3#

63 1584.8 94.6 175.8#

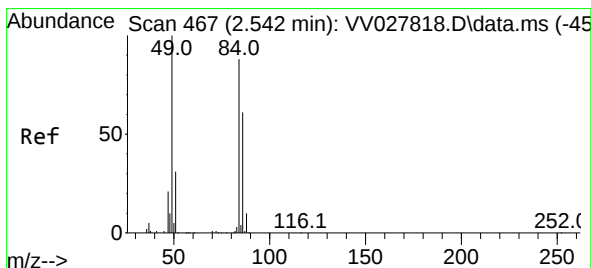
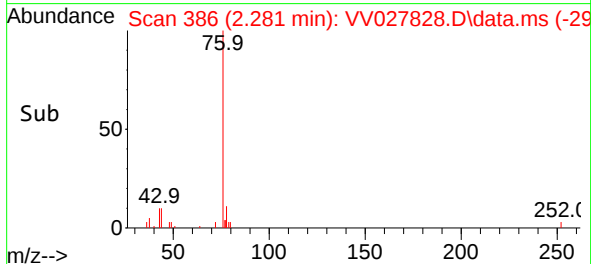
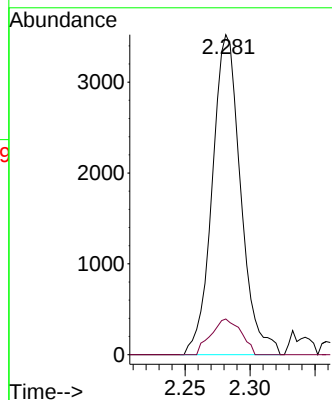
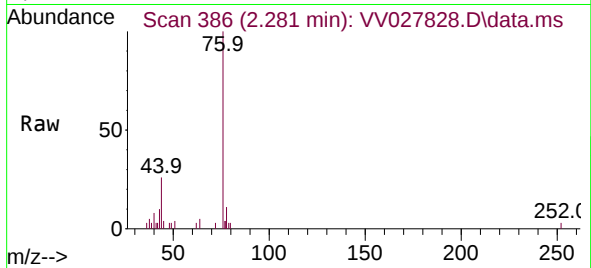




#14
Carbon disulfide
Concen: 0.179 ug/L
RT: 2.281 min Scan# 31
Delta R.T. -0.007 min
Lab File: VV027828.D
Acq: 14 Sep 2022 15:09

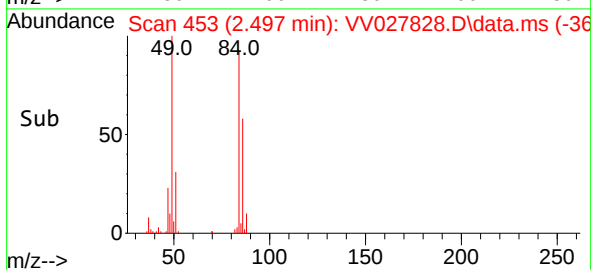
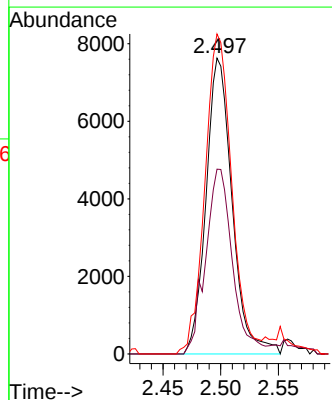
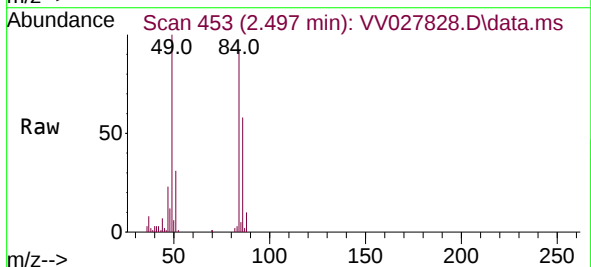
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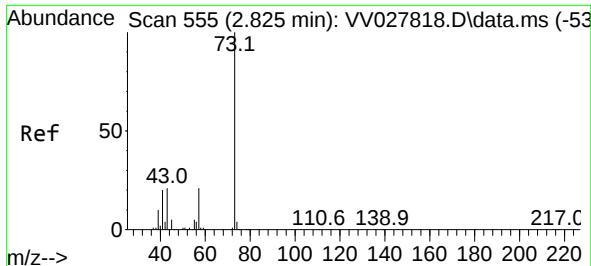
Tgt Ion: 76 Resp: 5354
Ion Ratio Lower Upper
76 100
78 11.2 7.7 11.5



#16
Methylene chloride
Concen: 0.924 ug/L
RT: 2.497 min Scan# 453
Delta R.T. -0.007 min
Lab File: VV027828.D
Acq: 14 Sep 2022 15:09

Tgt Ion: 84 Resp: 11994
Ion Ratio Lower Upper
84 100
86 62.5 44.9 83.3
49 108.2 90.1 167.3





#17

Methyl tert-butyl Ether

Concen: 0.220 ug/L

RT: 2.777 min Scan# 54

Delta R.T. 0.010 min

Lab File: VV027828.D

Acq: 14 Sep 2022 15:09

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT4-2022-07

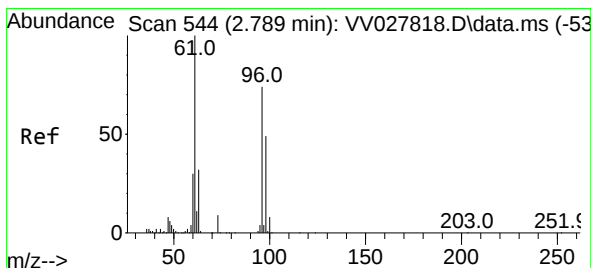
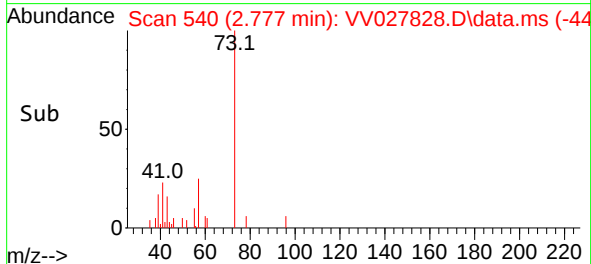
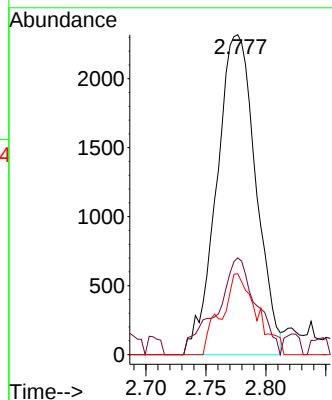
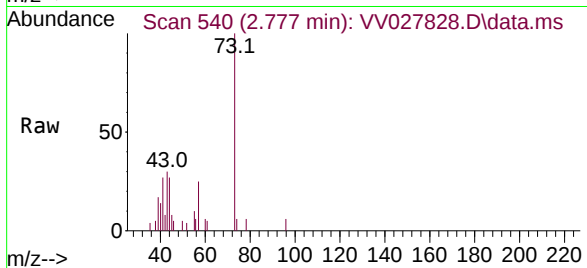
Tgt Ion: 73 Resp: 5270

Ion Ratio Lower Upper

73 100

43 30.5 17.5 26.3#

57 18.3 16.9 25.3



#18

trans-1,2-Dichloroethene

Concen: 0.201 ug/L

RT: 2.748 min Scan# 531

Delta R.T. -0.007 min

Lab File: VV027828.D

Acq: 14 Sep 2022 15:09

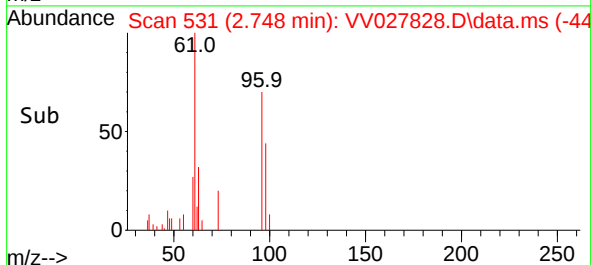
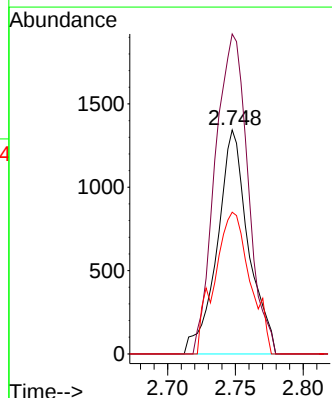
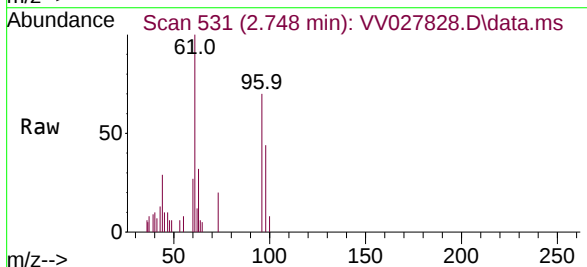
Tgt Ion: 96 Resp: 2143

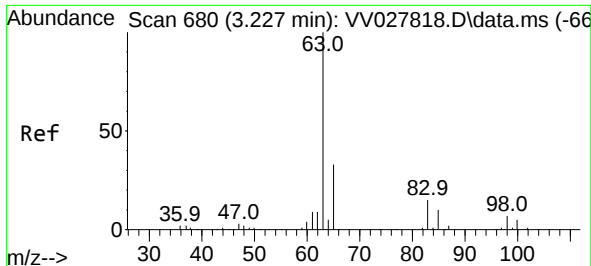
Ion Ratio Lower Upper

96 100

61 142.9 102.6 190.5

98 63.2 44.0 81.8





#19

1,1-Dichloroethane

Concen: 0.224 ug/L

RT: 3.185 min Scan# 6

Delta R.T. -0.000 min

Lab File: VV027828.D

Acq: 14 Sep 2022 15:09

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT4-2022-07

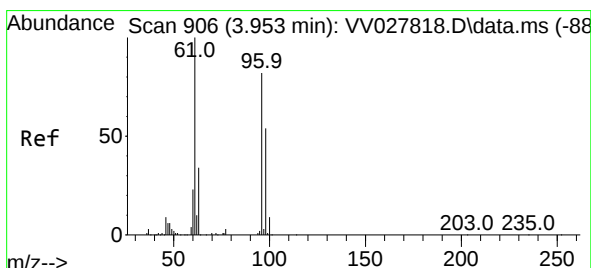
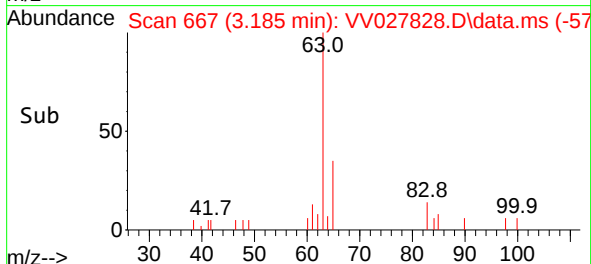
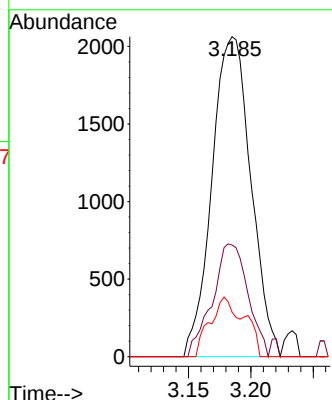
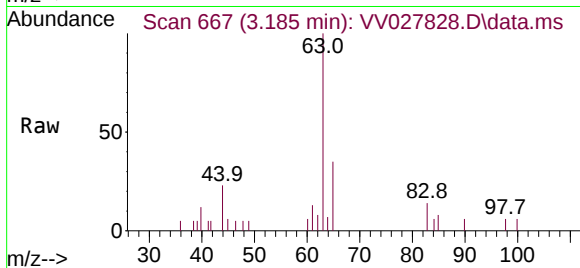
Tgt Ion: 63 Resp: 4478

Ion Ratio Lower Upper

63 100

65 34.9 22.0 41.0

83 14.0 10.1 18.9



#22

cis-1,2-Dichloroethene

Concen: 0.251 ug/L

RT: 3.908 min Scan# 892

Delta R.T. 0.003 min

Lab File: VV027828.D

Acq: 14 Sep 2022 15:09

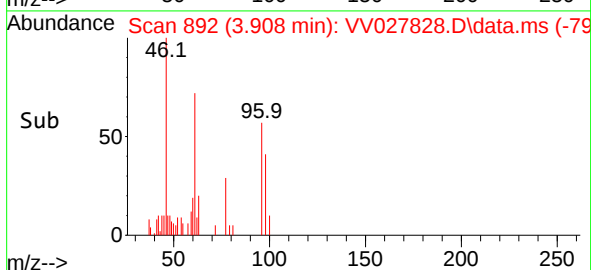
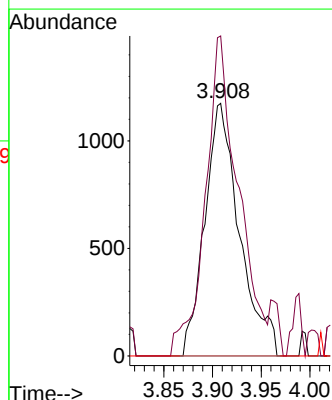
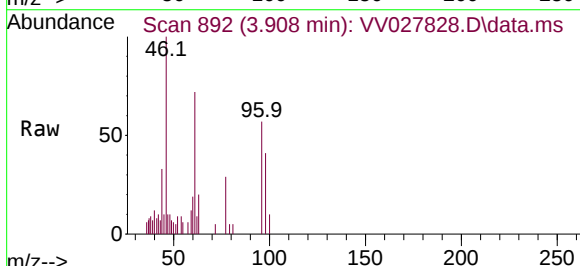
Tgt Ion: 96 Resp: 2907

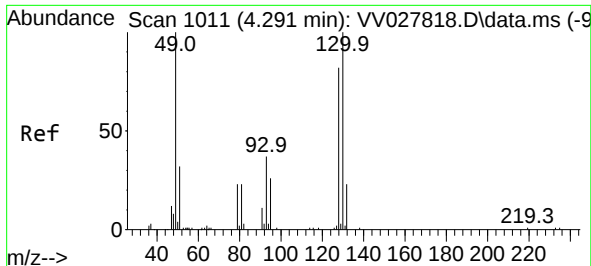
Ion Ratio Lower Upper

96 100

61 126.6 94.6 175.6

68 0.0 0.3 0.5#

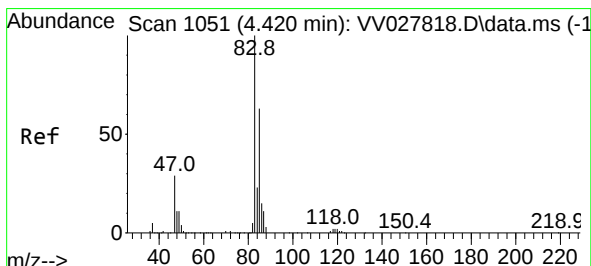
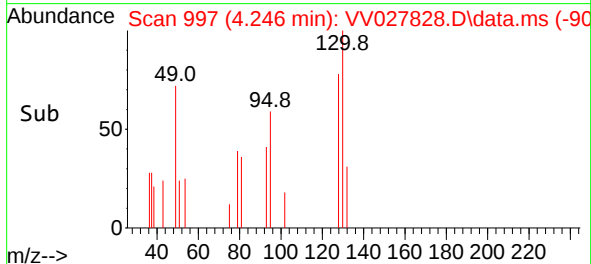
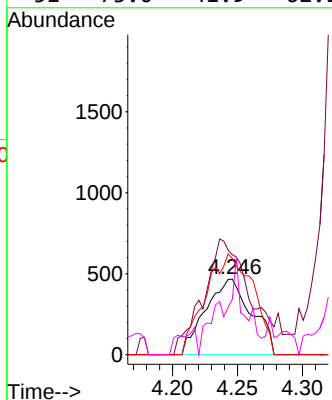
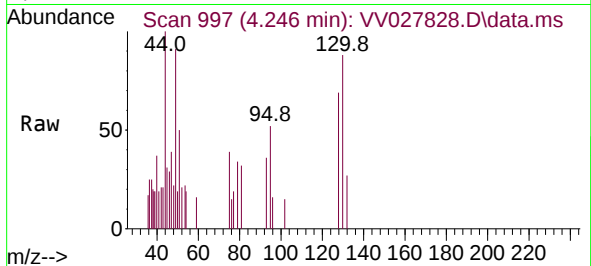




#23
Bromochloromethane
Concen: 0.237 ug/L
RT: 4.246 min Scan# 91
Delta R.T. 0.003 min
Lab File: VV027828.D
Acq: 14 Sep 2022 15:09

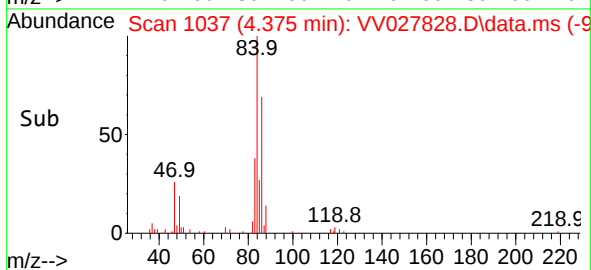
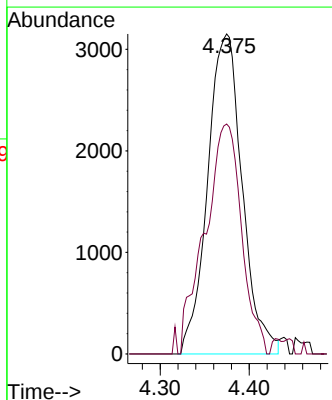
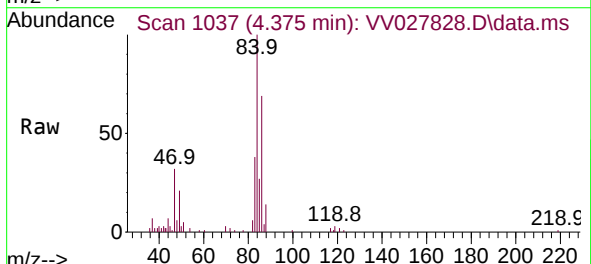
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2022-07

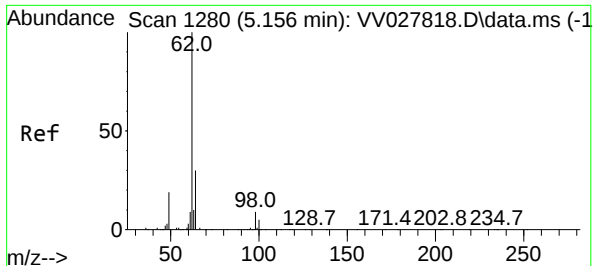
Tgt Ion:	128	Resp:	1156
Ion Ratio	Lower	Upper	
128	100		
49	132.3	118.4	219.8
130	127.4	89.2	165.6
51	73.0	41.9	62.9#



#25
Chloroform
Concen: 0.384 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VV027828.D
Acq: 14 Sep 2022 15:09

Tgt Ion:	83	Resp:	8504
Ion Ratio	Lower	Upper	
83	100		
85	71.9	45.4	84.2





#27

1,2-Dichloroethane

Concen: 0.243 ug/L

RT: 5.127 min Scan# 1107

Delta R.T. 0.003 min

Lab File: VV027828.D

Acq: 14 Sep 2022 15:09

Instrument :

MSVOA_V

ClientSampleId :

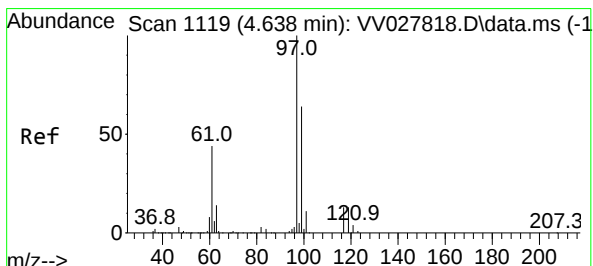
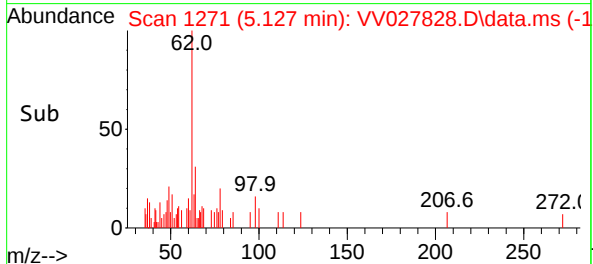
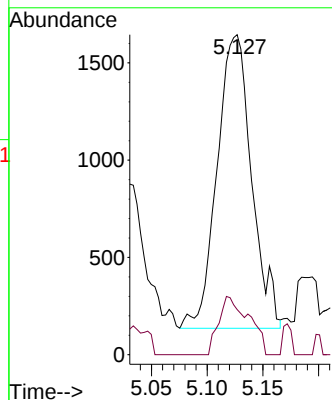
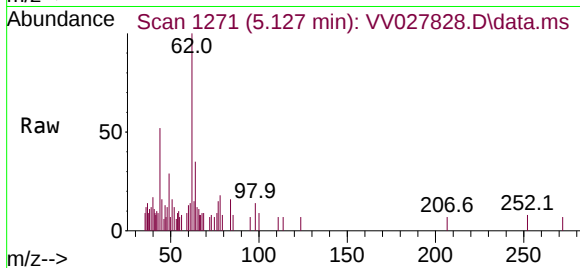
MDL-WATER-QT4-2022-07

Tgt Ion: 62 Resp: 3260

Ion Ratio Lower Upper

62 100

98 14.1 7.1 10.7#



#29

1,1,1-Trichloroethane

Concen: 0.263 ug/L

RT: 4.600 min Scan# 1107

Delta R.T. -0.003 min

Lab File: VV027828.D

Acq: 14 Sep 2022 15:09

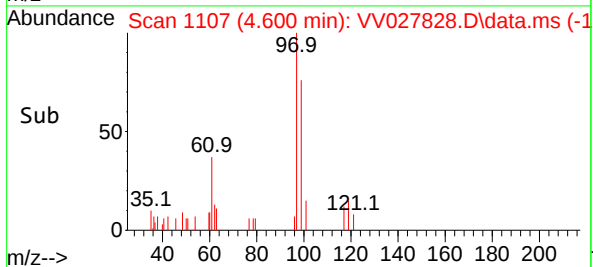
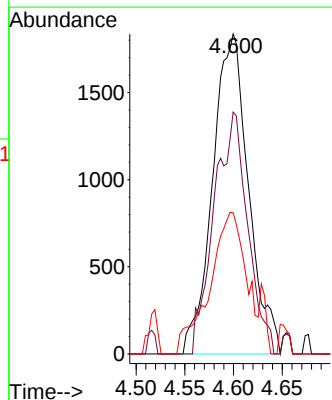
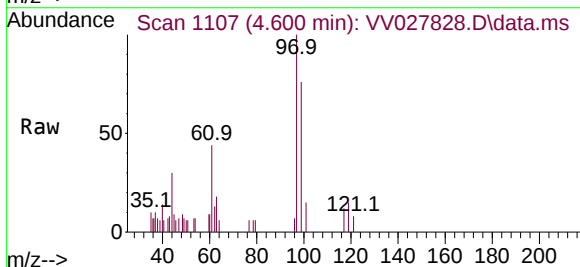
Tgt Ion: 97 Resp: 4697

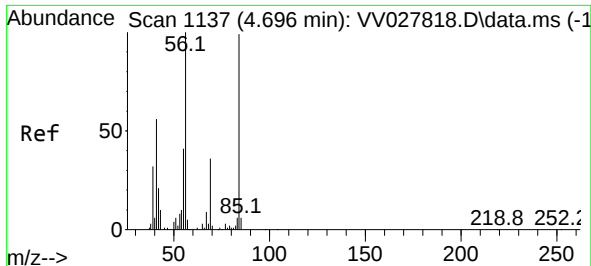
Ion Ratio Lower Upper

97 100

99 71.1 50.8 76.2

61 44.9 36.2 54.4





#30

Cyclohexane

Concen: 0.211 ug/L

RT: 4.657 min Scan# 1125

Delta R.T. -0.016 min

Lab File: VV027828.D

Acq: 14 Sep 2022 15:09

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT4-2022-07

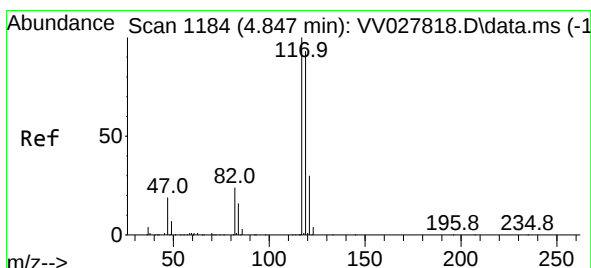
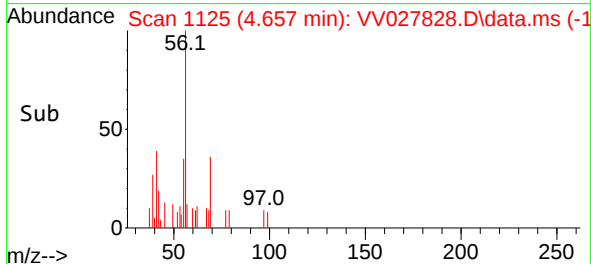
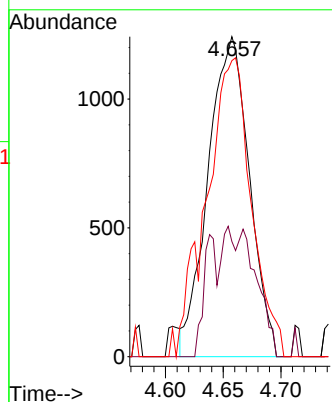
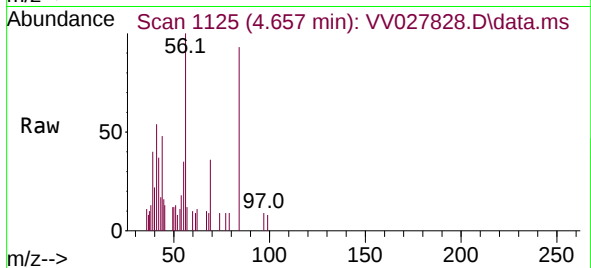
Tgt Ion: 56 Resp: 3089

Ion Ratio Lower Upper

56 100

69 13.8 25.4 38.2#

84 101.6 73.8 110.8



#31

Carbon tetrachloride

Concen: 0.232 ug/L

RT: 4.809 min Scan# 1172

Delta R.T. -0.013 min

Lab File: VV027828.D

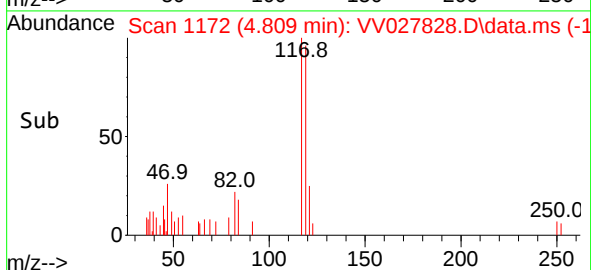
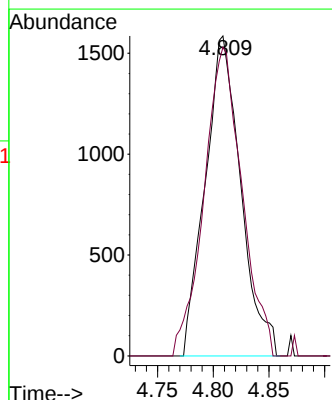
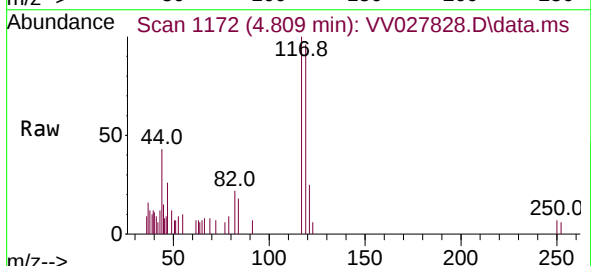
Acq: 14 Sep 2022 15:09

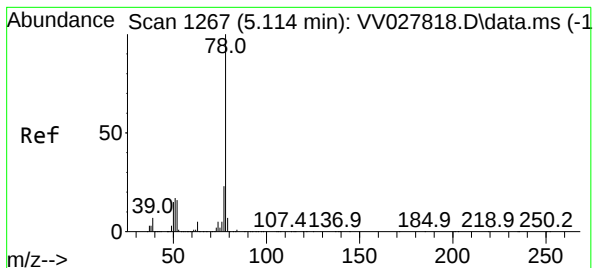
Tgt Ion: 117 Resp: 3522

Ion Ratio Lower Upper

117 100

119 102.7 75.8 113.8





#33

Benzene

Concen: 0.252 ug/L

RT: 5.082 min Scan# 1

Delta R.T. -0.010 min

Lab File: VV027828.D

Acq: 14 Sep 2022 15:09

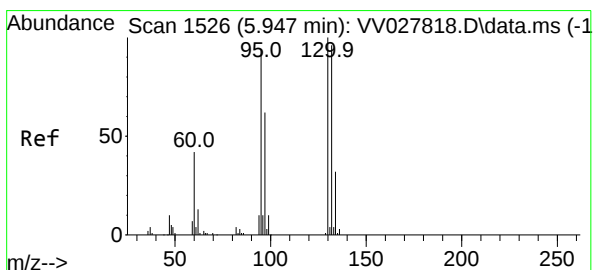
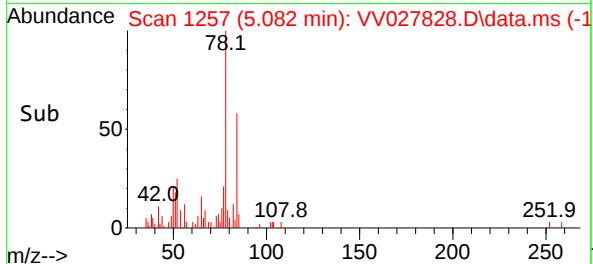
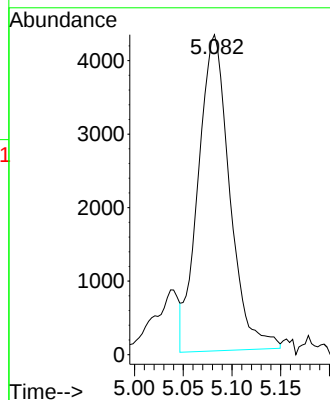
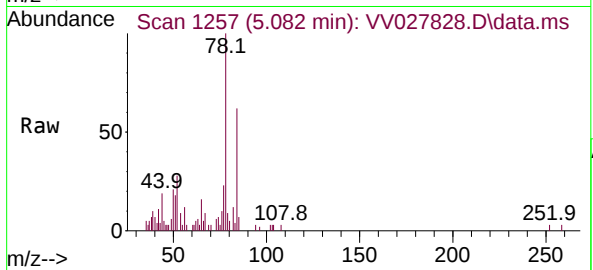
Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT4-2022-07

Tgt Ion: 78 Resp: 9657



#34

Trichloroethene

Concen: 0.258 ug/L

RT: 5.886 min Scan# 1507

Delta R.T. -0.023 min

Lab File: VV027828.D

Acq: 14 Sep 2022 15:09

Tgt Ion: 95 Resp: 2477

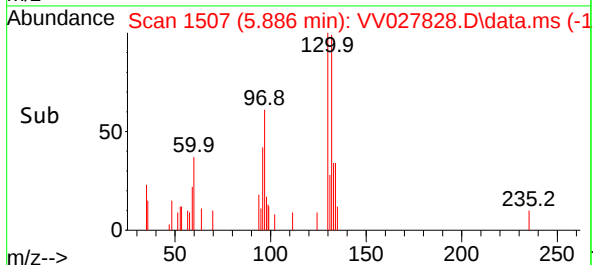
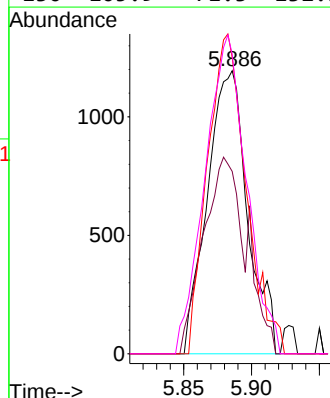
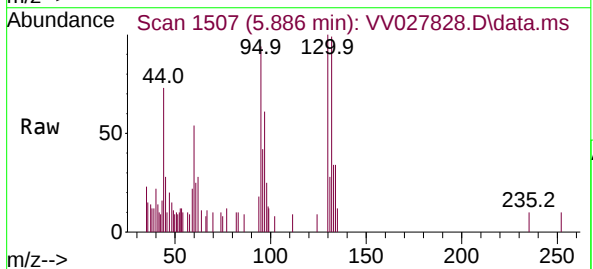
Ion Ratio Lower Upper

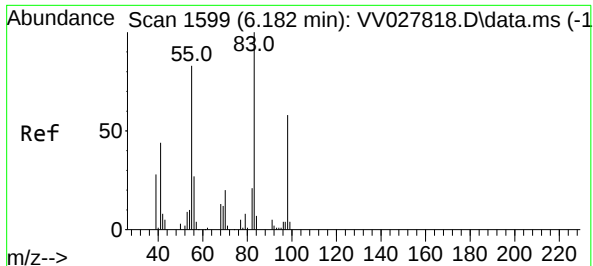
95 100

97 64.4 42.9 79.7

132 104.7 67.9 126.1

130 105.9 71.3 132.3

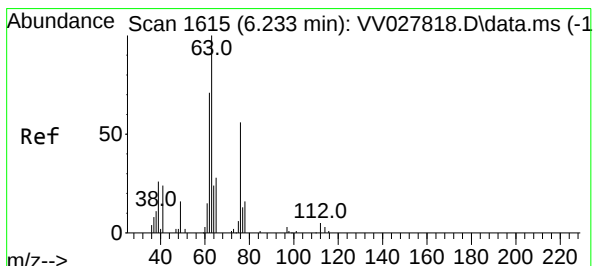
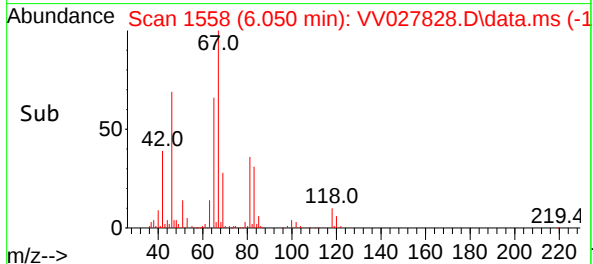
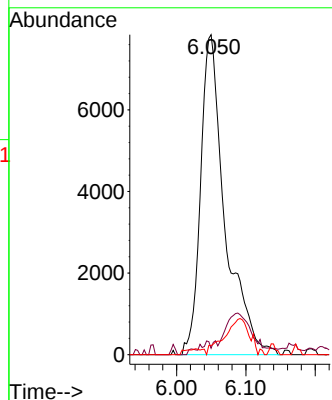
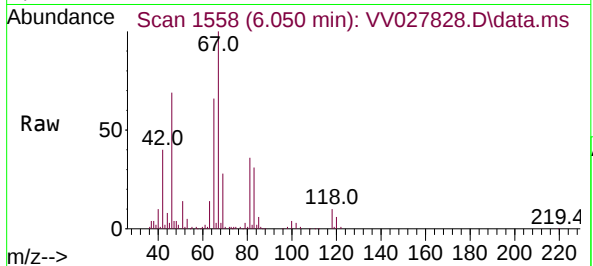




#35
Methylcyclohexane
Concen: 1.304 ug/L
RT: 6.050 min Scan# 1590
Delta R.T. -0.074 min
Lab File: VV027828.D
Acq: 14 Sep 2022 15:09

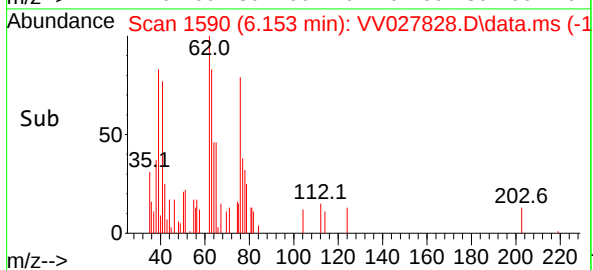
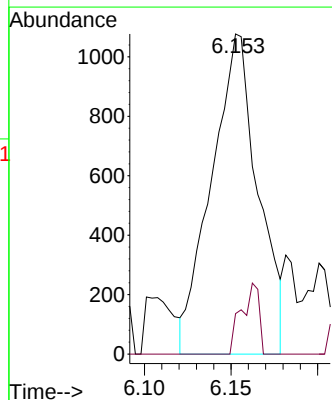
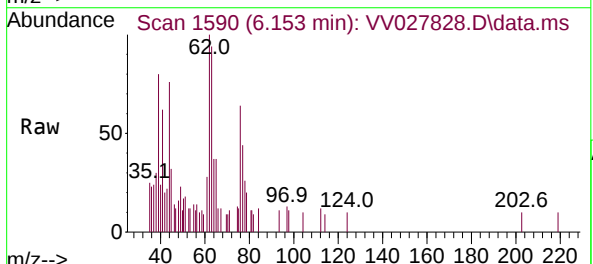
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2022-07

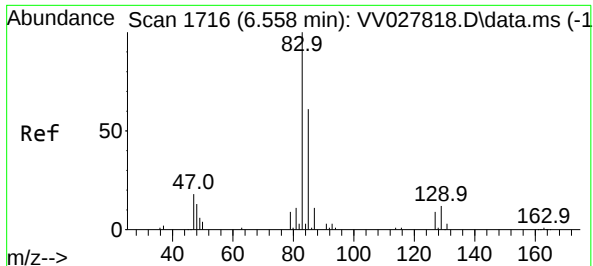
Tgt Ion: 83 Resp: 19209
Ion Ratio Lower Upper
83 100
55 0.7 61.9 92.9#
98 0.0 37.5 56.3#



#37
1,2-Dichloropropane
Concen: 0.222 ug/L
RT: 6.153 min Scan# 1590
Delta R.T. -0.013 min
Lab File: VV027828.D
Acq: 14 Sep 2022 15:09

Tgt Ion: 63 Resp: 2015
Ion Ratio Lower Upper
63 100
112 8.3 4.0 6.0#

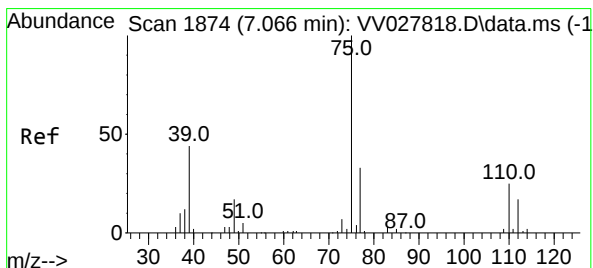
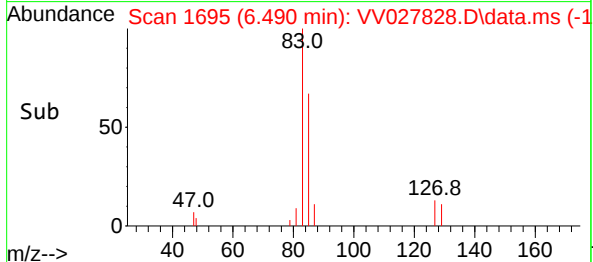
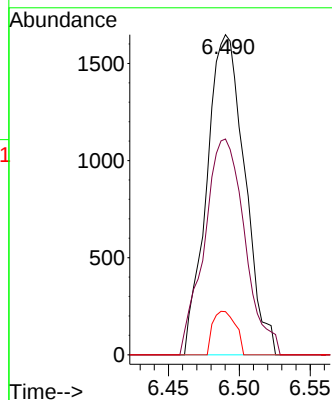
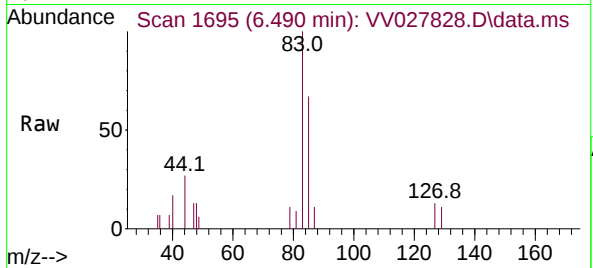




#38
Bromodichloromethane
Concen: 0.255 ug/L
RT: 6.490 min Scan# 1
Delta R.T. -0.016 min
Lab File: VV027828.D
Acq: 14 Sep 2022 15:09

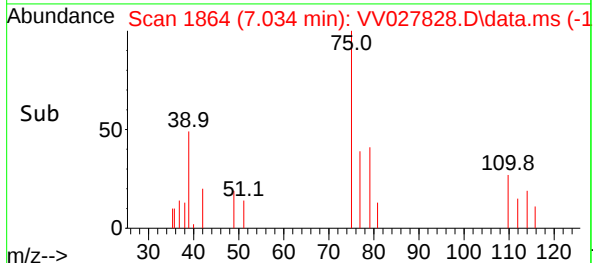
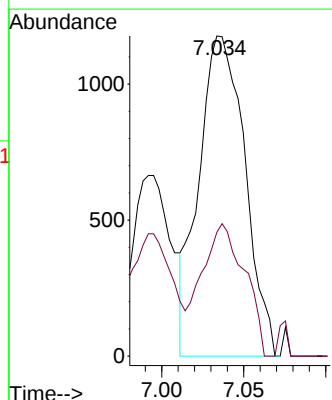
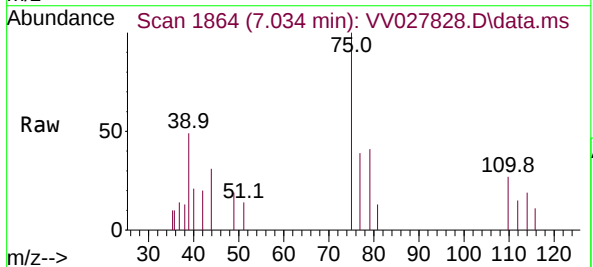
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2022-07

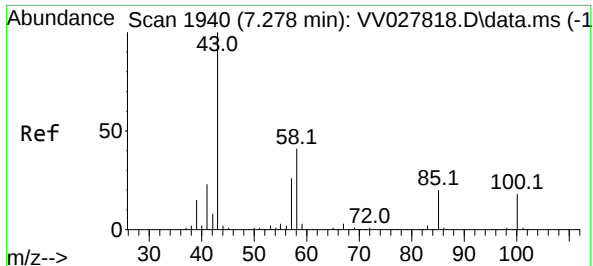
Tgt Ion: 83 Resp: 3069
Ion Ratio Lower Upper
83 100
85 67.4 43.3 80.3
127 13.5 7.1 10.7#



#39
cis-1,3-Dichloropropene
Concen: 0.200 ug/L
RT: 7.034 min Scan# 1864
Delta R.T. 0.010 min
Lab File: VV027828.D
Acq: 14 Sep 2022 15:09

Tgt Ion: 75 Resp: 2296
Ion Ratio Lower Upper
75 100
77 38.7 22.0 40.8





#40

4-Methyl-2-pentanone

Concen: 2.017 ug/L

RT: 7.262 min Scan# 1935

Delta R.T. 0.038 min

Lab File: VV027828.D

Acq: 14 Sep 2022 15:09

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT4-2022-07

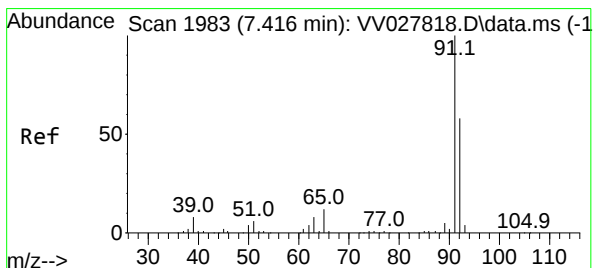
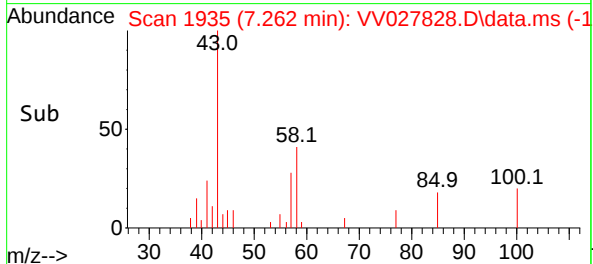
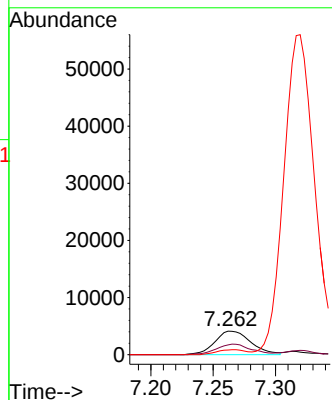
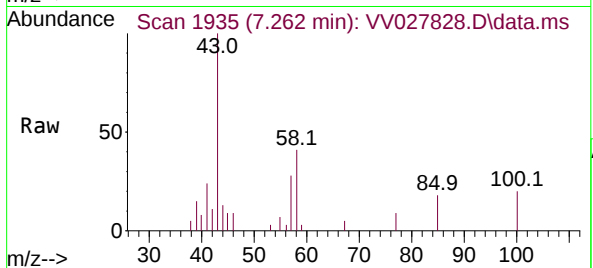
Tgt Ion: 43 Resp: 8310

Ion Ratio Lower Upper

43 100

58 43.0 30.9 46.3

100 0.0 13.4 20.0#



#42

Toluene

Concen: 0.228 ug/L

RT: 7.391 min Scan# 1975

Delta R.T. 0.006 min

Lab File: VV027828.D

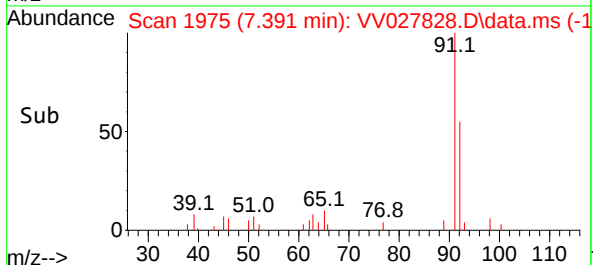
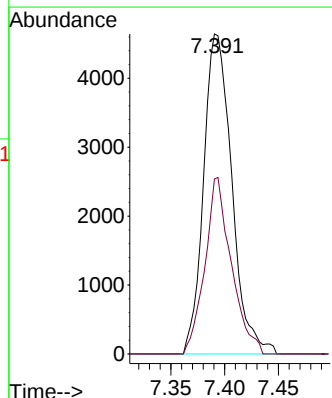
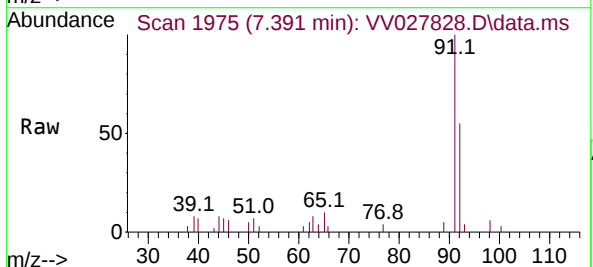
Acq: 14 Sep 2022 15:09

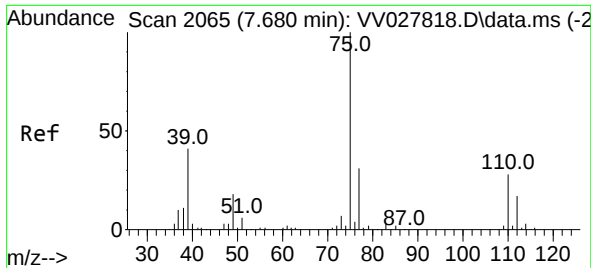
Tgt Ion: 91 Resp: 8468

Ion Ratio Lower Upper

91 100

92 54.7 40.8 75.8

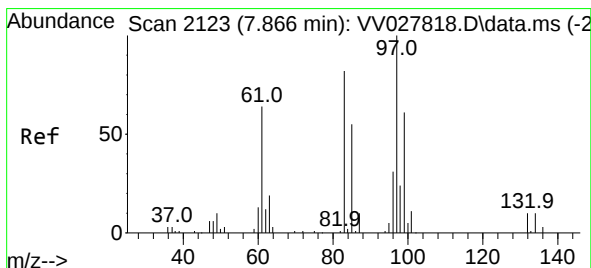
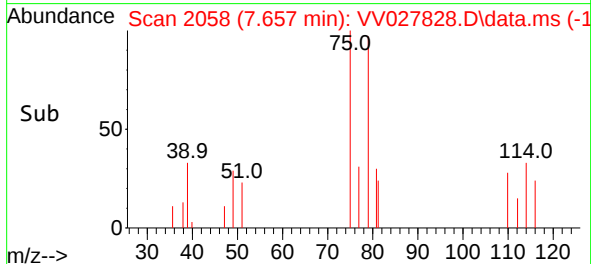
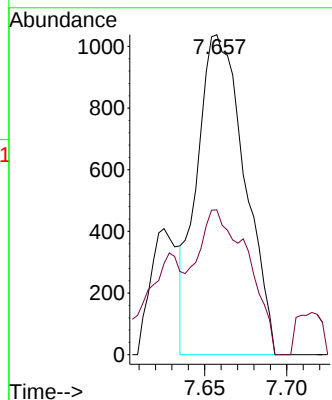
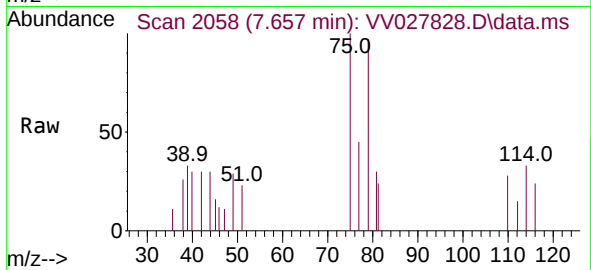




#44
trans-1,3-Dichloropropene
Concen: 0.218 ug/L
RT: 7.657 min Scan# 2065
Delta R.T. 0.010 min
Lab File: VV027828.D
Acq: 14 Sep 2022 15:09

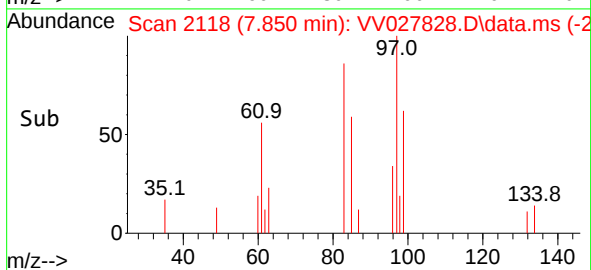
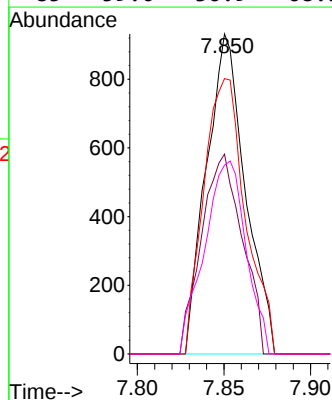
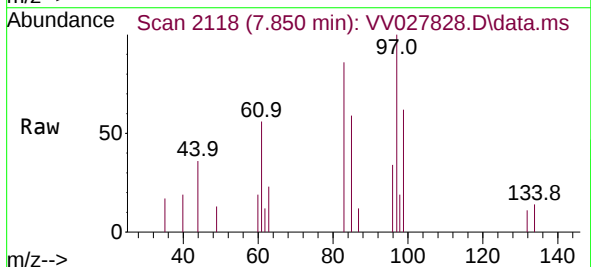
Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT4-2022-07

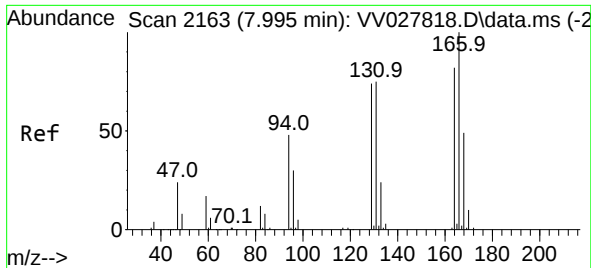
Tgt Ion: 75 Resp: 2099
Ion Ratio Lower Upper
75 100
77 45.3 22.6 42.0#



#45
1,1,2-Trichloroethane
Concen: 0.247 ug/L
RT: 7.850 min Scan# 2118
Delta R.T. 0.016 min
Lab File: VV027828.D
Acq: 14 Sep 2022 15:09

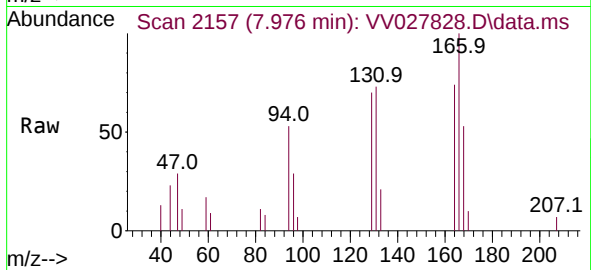
Tgt Ion: 97 Resp: 1455
Ion Ratio Lower Upper
97 100
99 62.4 44.2 82.0
83 86.1 60.3 112.1
85 59.0 36.9 68.5



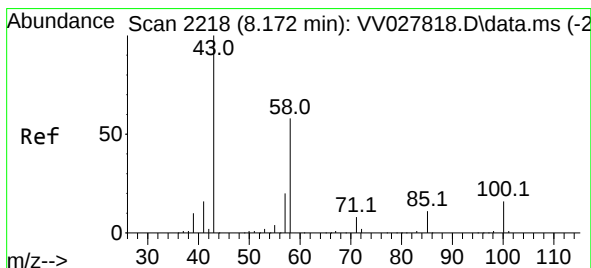
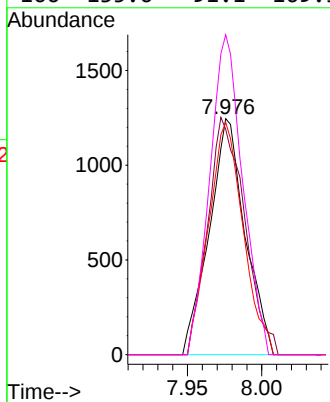
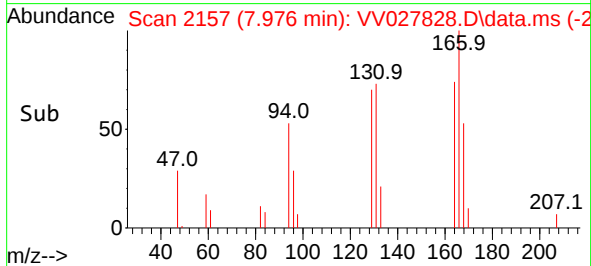


#47
Tetrachloroethene
Concen: 0.272 ug/L
RT: 7.976 min Scan# 2163
Delta R.T. 0.003 min
Lab File: VV027828.D
Acq: 14 Sep 2022 15:09

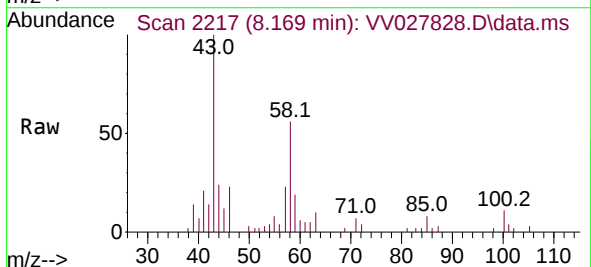
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2022-07



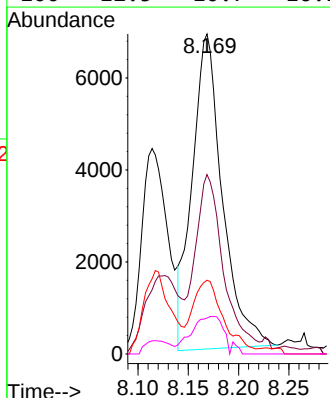
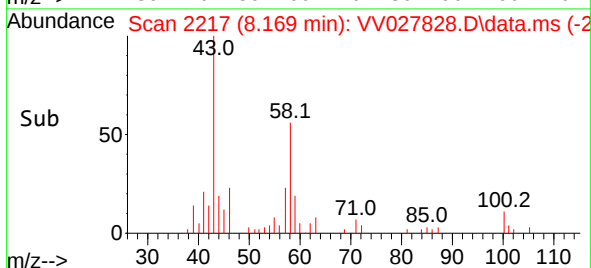
Tgt Ion:	164	Resp:	2093
Ion	Ratio	Lower	Upper
164	100		
129	95.4	67.2	124.8
131	98.3	61.5	114.3
166	135.6	91.1	169.3

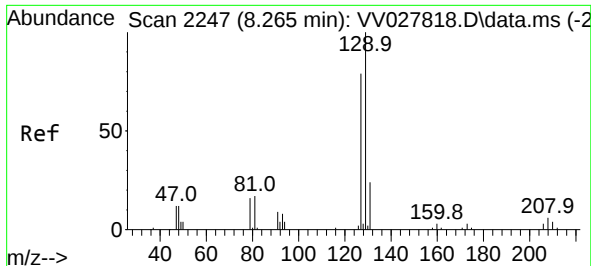


#48
2-Hexanone
Concen: 4.786 ug/L
RT: 8.169 min Scan# 2217
Delta R.T. 0.029 min
Lab File: VV027828.D
Acq: 14 Sep 2022 15:09



Tgt Ion:	43	Resp:	14338
Ion	Ratio	Lower	Upper
43	100		
58	47.8	43.2	64.8
57	21.4	15.6	23.4
100	12.5	10.7	16.1





#49

Dibromochloromethane

Concen: 0.215 ug/L

RT: 8.255 min Scan# 21

Delta R.T. 0.013 min

Lab File: VV027828.D

Acq: 14 Sep 2022 15:09

Instrument :

MSVOA_V

ClientSampleId :

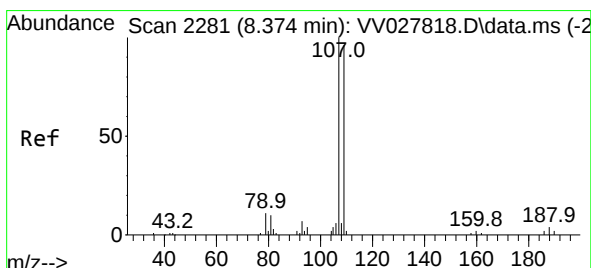
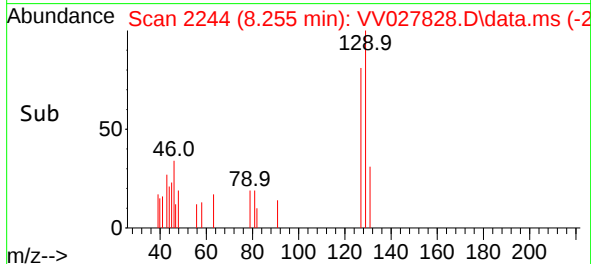
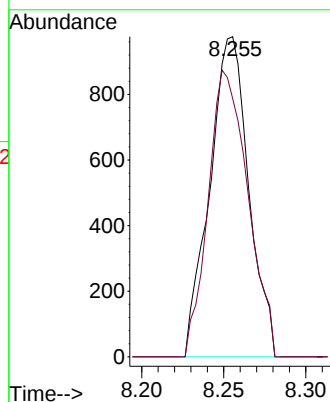
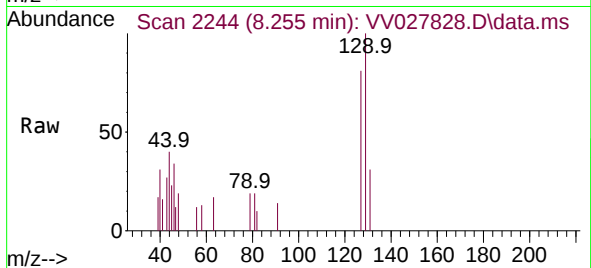
MDL-WATER-QT4-2022-07

Tgt Ion:129 Resp: 1610

Ion Ratio Lower Upper

129 100

127 80.6 55.2 102.6



#50

1,2-Dibromoethane

Concen: 0.118 ug/L

RT: 8.352 min Scan# 2274

Delta R.T. 0.003 min

Lab File: VV027828.D

Acq: 14 Sep 2022 15:09

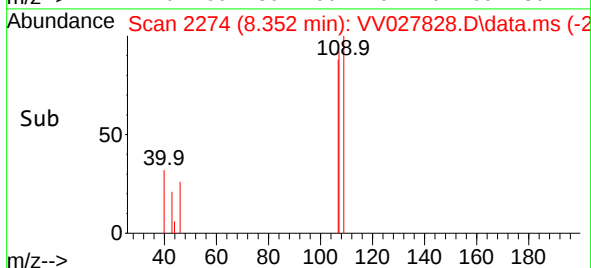
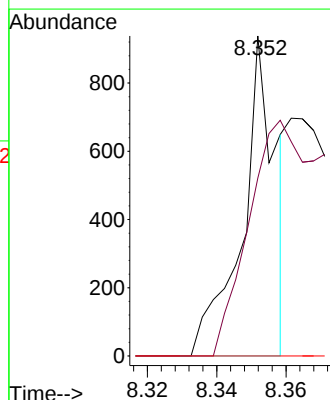
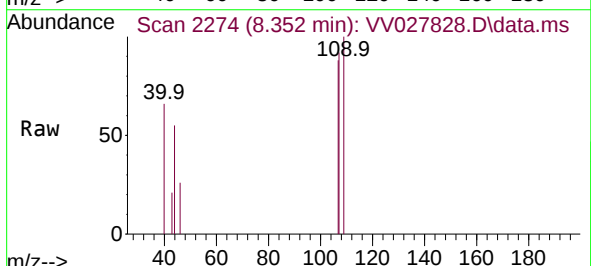
Tgt Ion:107 Resp: 629

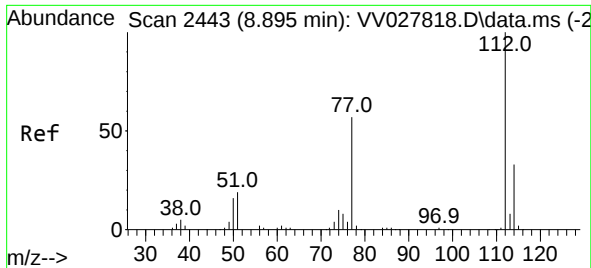
Ion Ratio Lower Upper

107 100

109 55.5 65.9 122.5#

188 0.0 3.1 4.7#

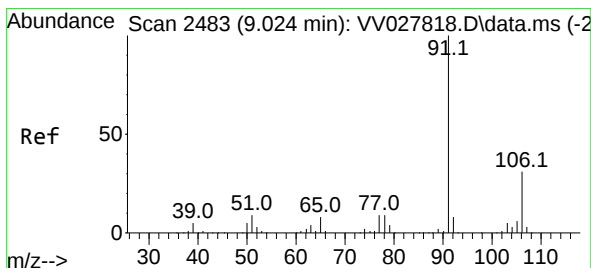
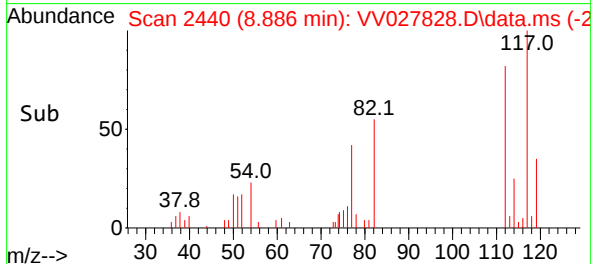
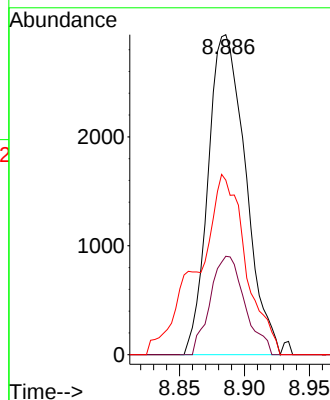
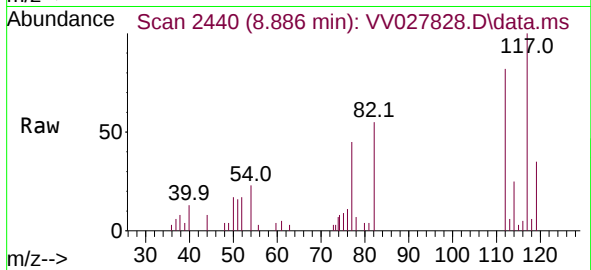




#51
Chlorobenzene
Concen: 0.245 ug/L
RT: 8.886 min Scan# 2443
Delta R.T. 0.010 min
Lab File: VV027828.D
Acq: 14 Sep 2022 15:09

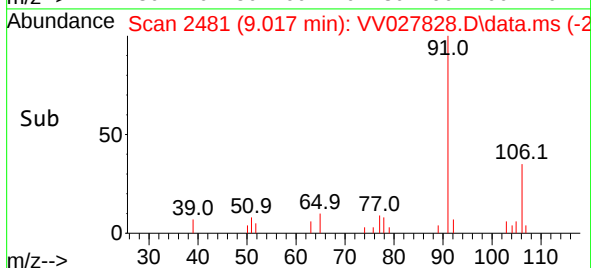
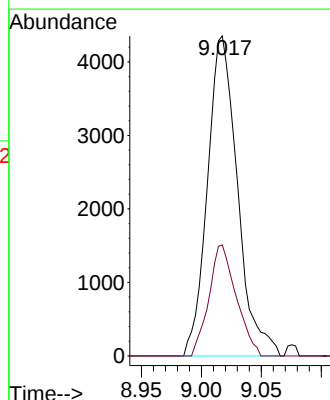
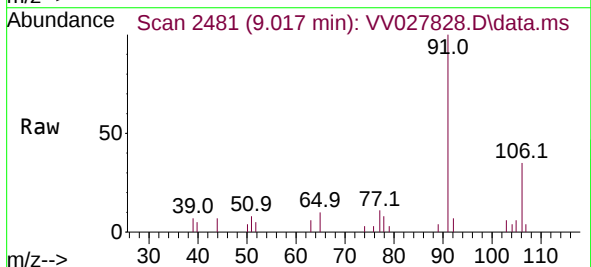
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2022-07

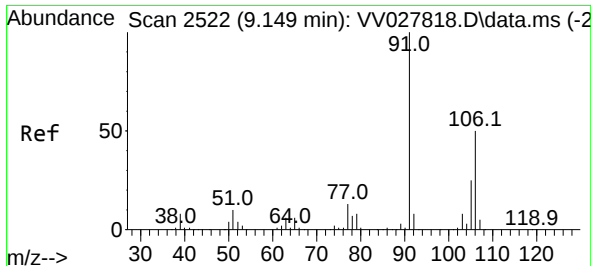
Tgt Ion:	112	Resp:	5890
Ion Ratio	Lower	Upper	
112	100		
114	30.7	21.7	40.3
77	54.6	45.3	67.9



#52
Ethylbenzene
Concen: 0.197 ug/L
RT: 9.017 min Scan# 2481
Delta R.T. 0.009 min
Lab File: VV027828.D
Acq: 14 Sep 2022 15:09

Tgt Ion:	91	Resp:	7584
Ion Ratio	Lower	Upper	
91	100		
106	34.7	22.0	40.8

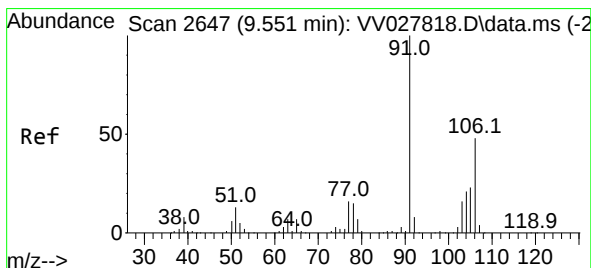
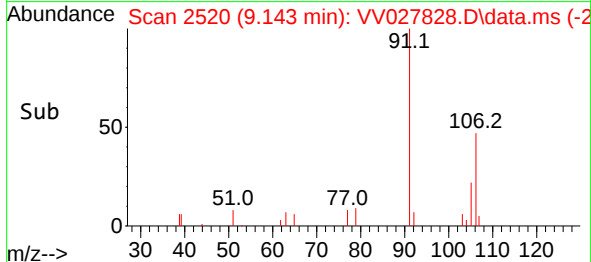
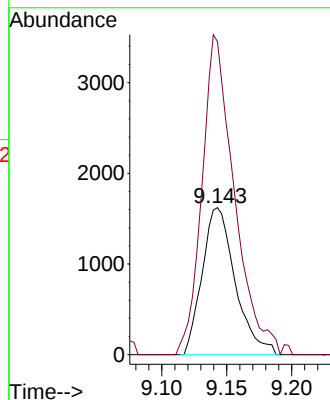
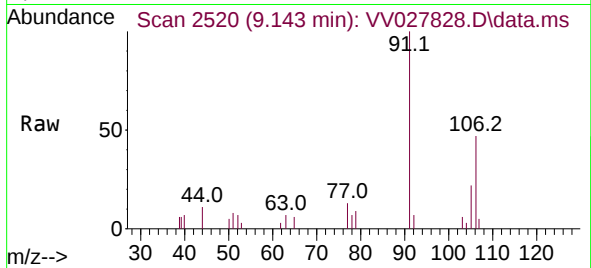




#53
m,p-Xylene
Concen: 0.189 ug/L
RT: 9.143 min Scan# 21
Delta R.T. 0.010 min
Lab File: VV027828.D
Acq: 14 Sep 2022 15:09

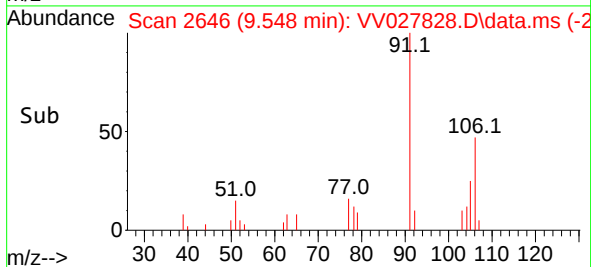
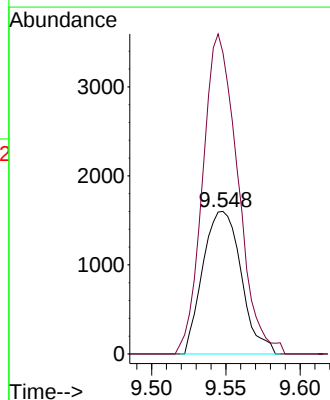
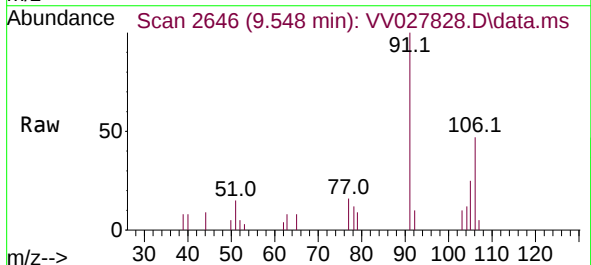
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2022-07

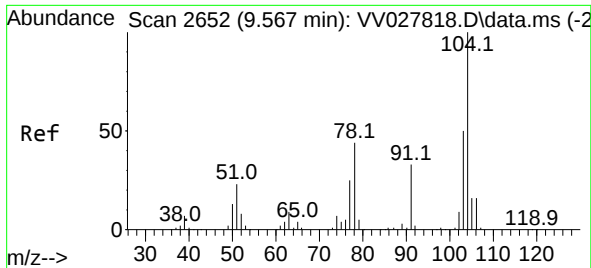
Tgt Ion:106 Resp: 2868
Ion Ratio Lower Upper
106 100
91 213.0 142.4 264.4



#54
o-Xylene
Concen: 0.200 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.006 min
Lab File: VV027828.D
Acq: 14 Sep 2022 15:09

Tgt Ion:106 Resp: 2883
Ion Ratio Lower Upper
106 100
91 211.4 147.5 273.9

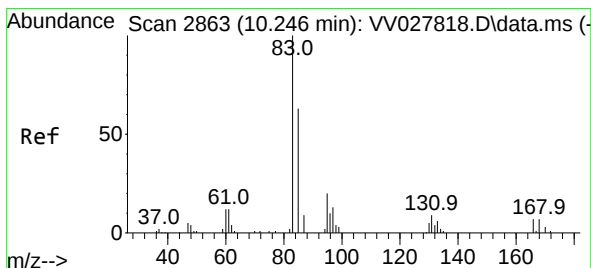
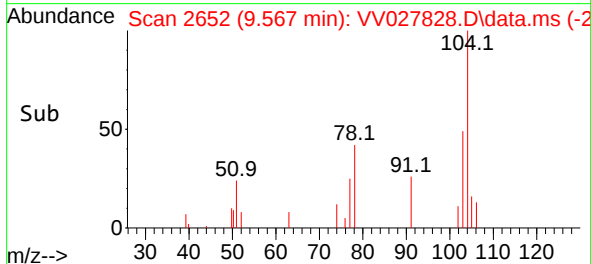
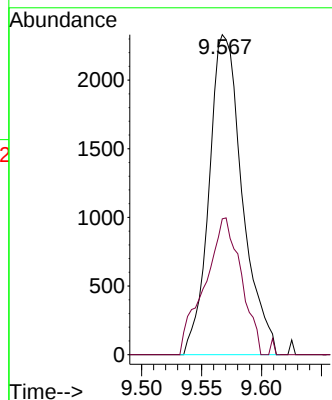
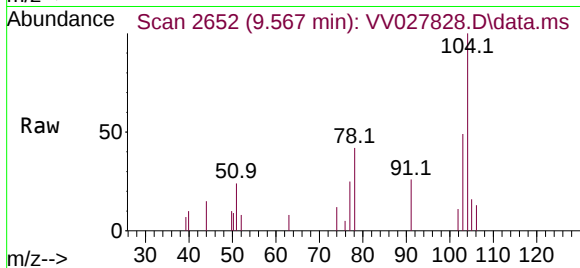




#55
Styrene
Concen: 0.180 ug/L
RT: 9.567 min Scan# 2652
Delta R.T. 0.009 min
Lab File: VV027828.D
Acq: 14 Sep 2022 15:09

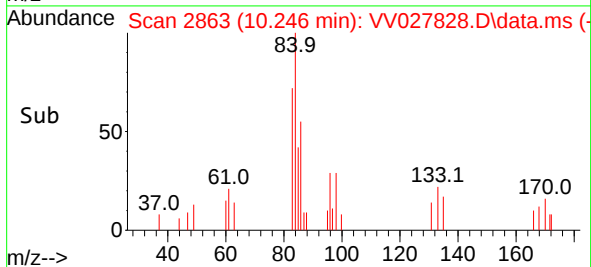
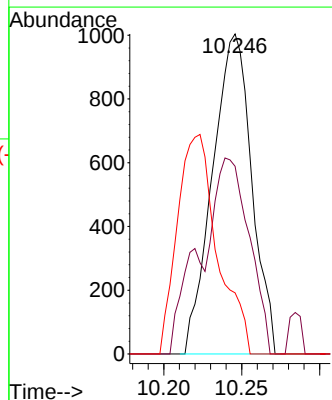
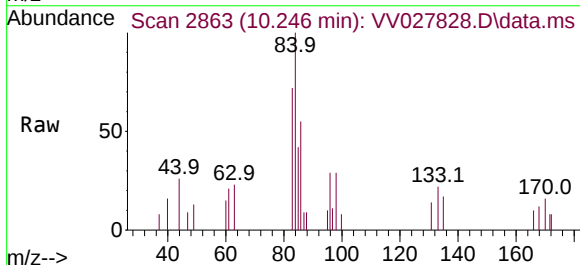
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2022-07

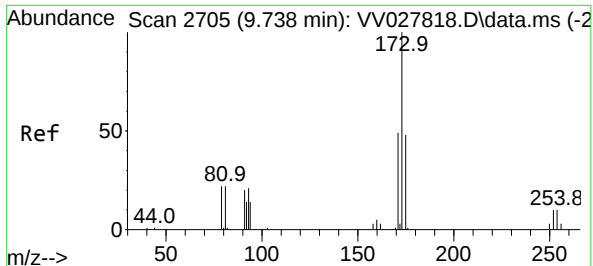
Tgt Ion:104 Resp: 4492
Ion Ratio Lower Upper
104 100
78 42.5 31.7 58.9



#57
1,1,2,2-Tetrachloroethane
Concen: 0.267 ug/L
RT: 10.246 min Scan# 2863
Delta R.T. 0.006 min
Lab File: VV027828.D
Acq: 14 Sep 2022 15:09

Tgt Ion: 83 Resp: 1760
Ion Ratio Lower Upper
83 100
85 58.7 44.7 83.1
131 19.1 8.5 12.7#





#59

Bromoform

Concen: 0.228 ug/L

RT: 9.738 min Scan# 21

Delta R.T. 0.009 min

Lab File: VV027828.D

Acq: 14 Sep 2022 15:09

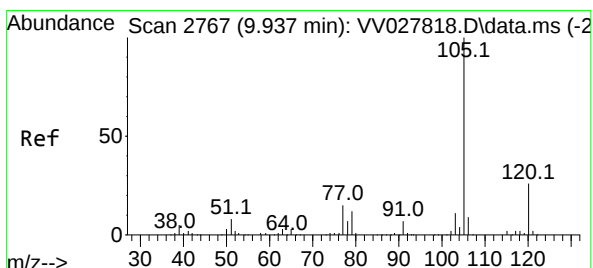
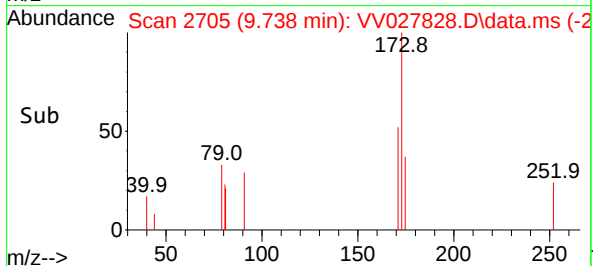
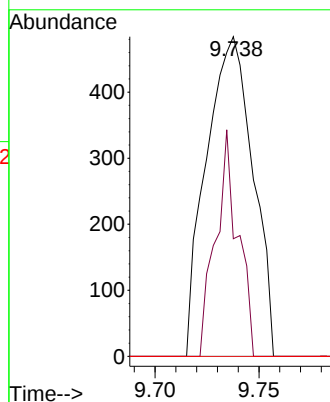
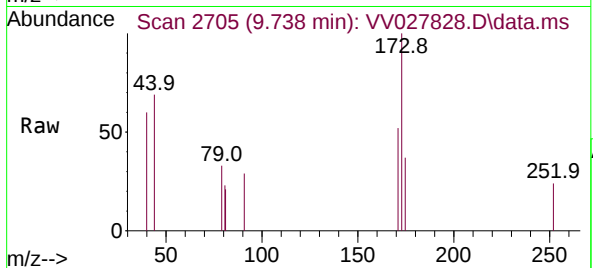
Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT4-2022-07

Tgt Ion:173	Resp:	754
Ion Ratio	Lower	Upper
173	100	
175	33.8	38.4 57.6#
254	0.0	6.8 10.2#



#60

Isopropylbenzene

Concen: 0.219 ug/L

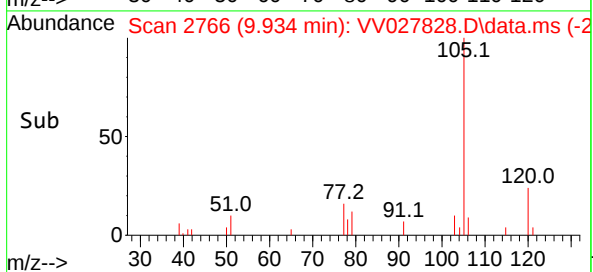
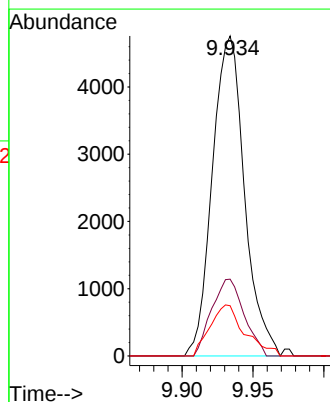
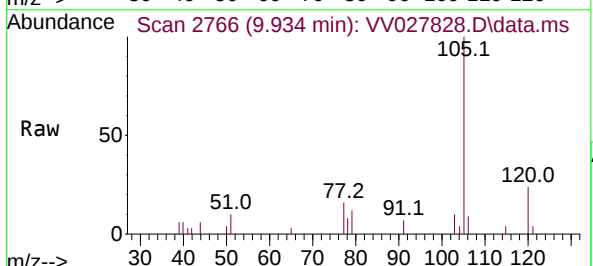
RT: 9.934 min Scan# 2766

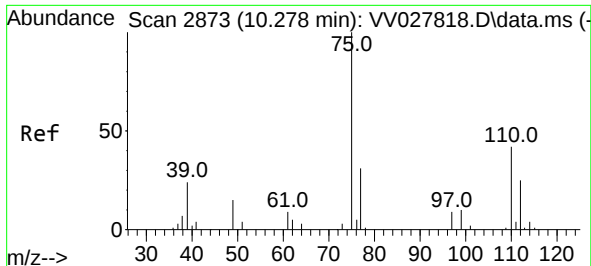
Delta R.T. 0.006 min

Lab File: VV027828.D

Acq: 14 Sep 2022 15:09

Tgt Ion:105	Resp:	7505
Ion Ratio	Lower	Upper
105	100	
120	24.2	21.3 31.9
77	17.2	12.6 18.8

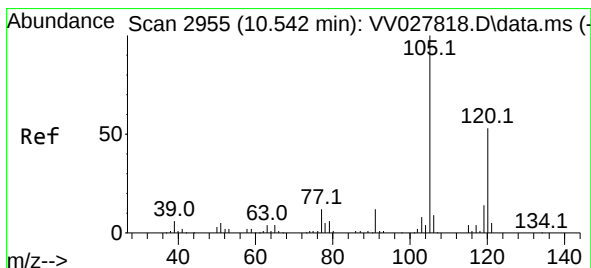
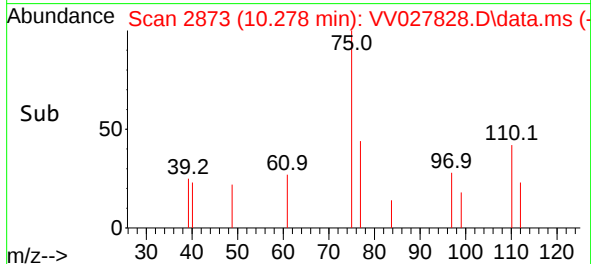
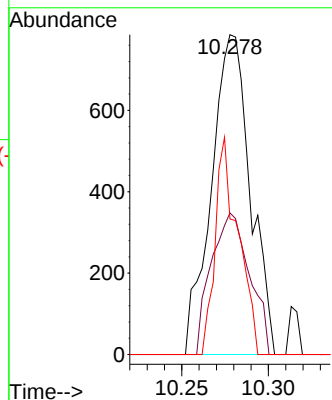
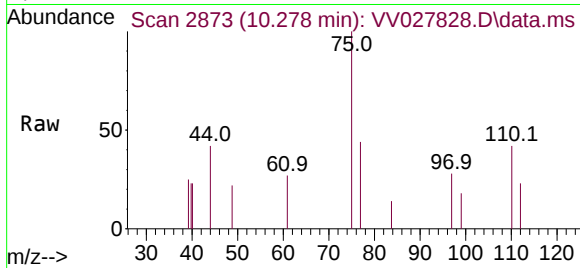




#61
1,2,3-Trichloropropane
Concen: 0.285 ug/L
RT: 10.278 min Scan# 21
Delta R.T. 0.009 min
Lab File: VV027828.D
Acq: 14 Sep 2022 15:09

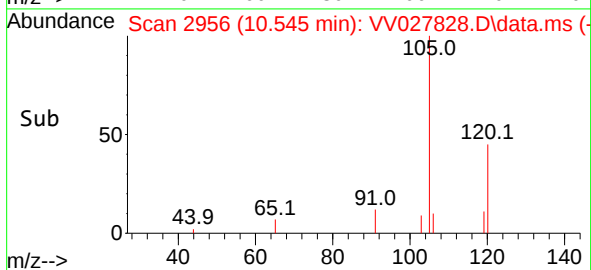
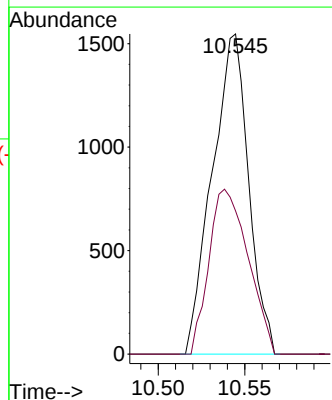
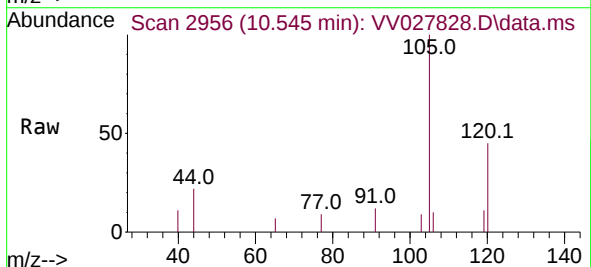
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2022-07

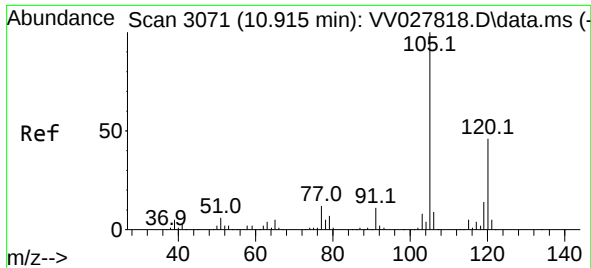
Tgt Ion: 75 Resp: 1233
Ion Ratio Lower Upper
75 100
77 43.6 27.6 41.4#
110 39.6 35.6 53.4



#62
1,3,5-Trimethylbenzene
Concen: 0.235 ug/L
RT: 10.545 min Scan# 2956
Delta R.T. 0.009 min
Lab File: VV027828.D
Acq: 14 Sep 2022 15:09

Tgt Ion: 105 Resp: 2262
Ion Ratio Lower Upper
105 100
120 55.5 39.6 59.4

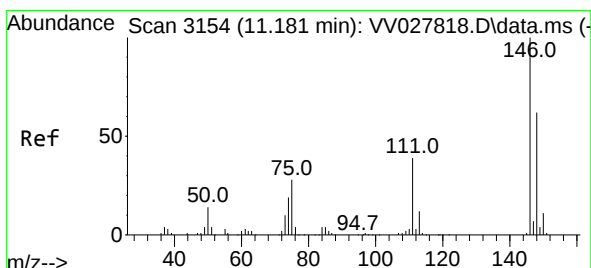
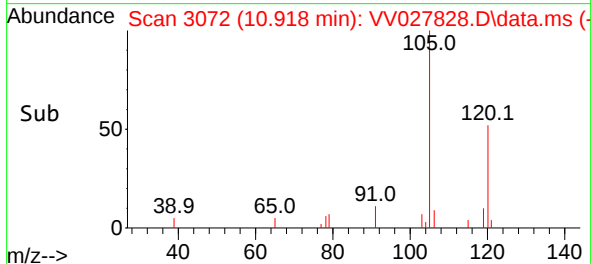
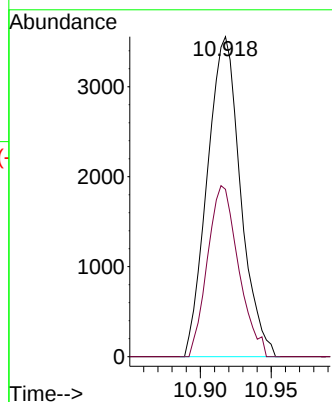
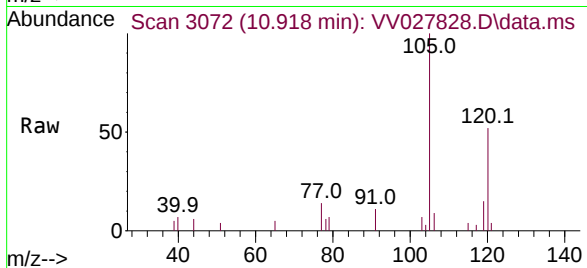




#63
1,2,4-Trimethylbenzene
Concen: 0.212 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.006 min
Lab File: VV027828.D
Acq: 14 Sep 2022 15:09

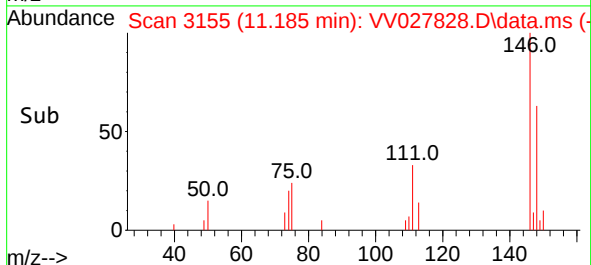
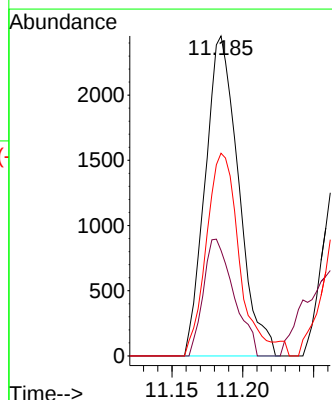
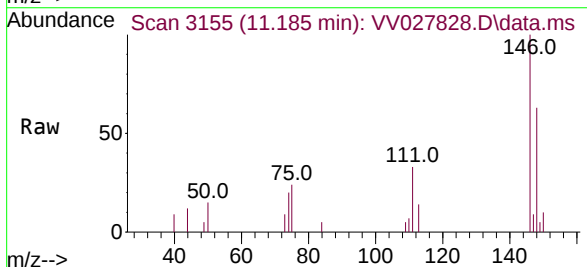
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2022-07

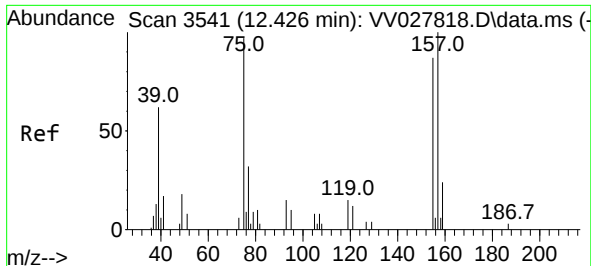
Tgt Ion:105 Resp: 5803
Ion Ratio Lower Upper
105 100
120 49.8 37.4 56.0



#64
1,3-Dichlorobenzene
Concen: 0.231 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.006 min
Lab File: VV027828.D
Acq: 14 Sep 2022 15:09

Tgt Ion:146 Resp: 4003
Ion Ratio Lower Upper
146 100
111 33.0 27.9 51.9
148 63.4 46.0 85.4

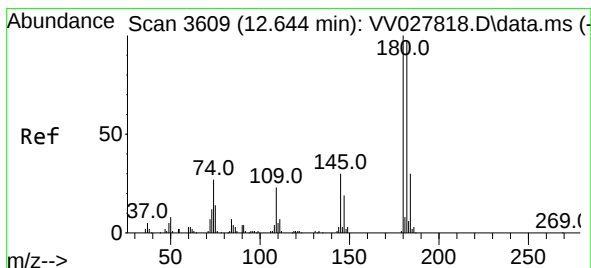
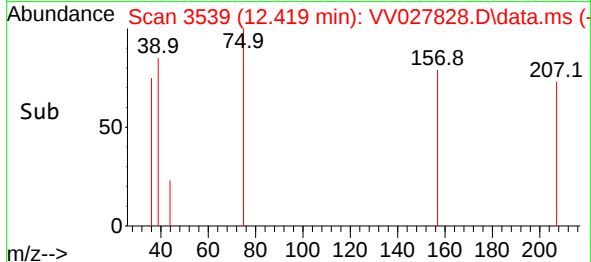
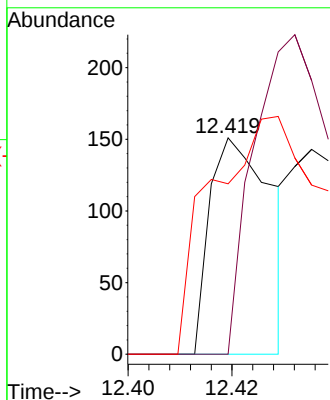
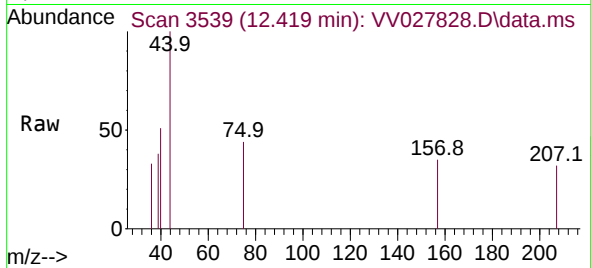




#68
1,2-Dibromo-3-chloropropane
Concen: 0.133 ug/L
RT: 12.419 min Scan# 3539
Delta R.T. -0.007 min
Lab File: VV027828.D
Acq: 14 Sep 2022 15:09

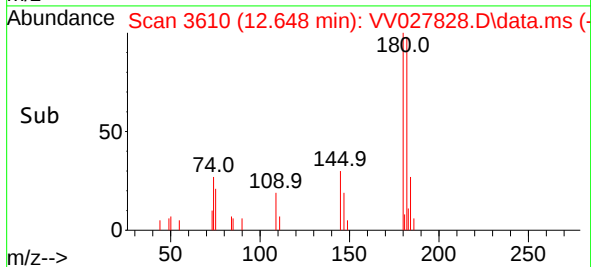
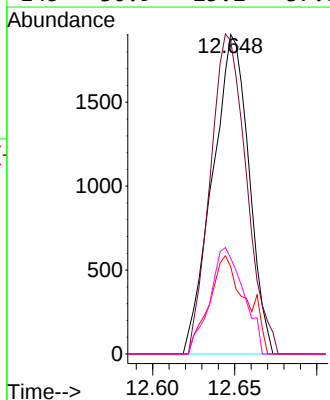
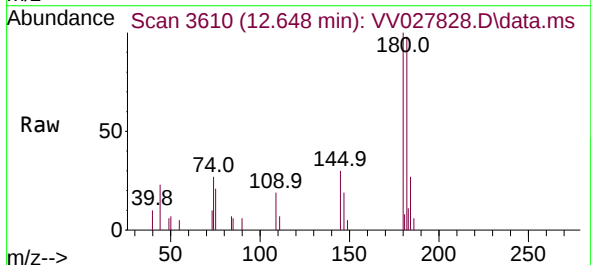
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2022-07

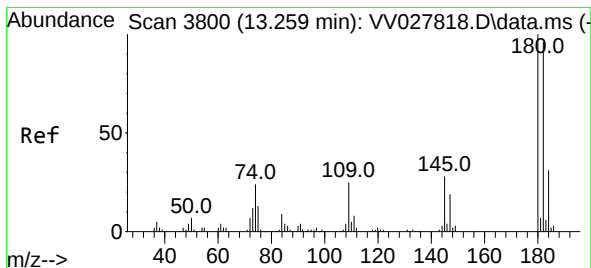
Tgt Ion: 75 Resp: 124
Ion Ratio Lower Upper
75 100
155 0.0 71.9 107.9#
157 78.8 95.1 142.7#



#69
1,3,5-Trichlorobenzene
Concen: 0.224 ug/L
RT: 12.648 min Scan# 3610
Delta R.T. 0.006 min
Lab File: VV027828.D
Acq: 14 Sep 2022 15:09

Tgt Ion: 180 Resp: 2936
Ion Ratio Lower Upper
180 100
182 98.9 75.8 113.8
184 30.9 23.8 35.6
145 30.9 25.2 37.8





#70

1,2,4-trichlorobenzene

Concen: 0.198 ug/L

RT: 13.262 min Scan# 3801

Delta R.T. 0.003 min

Lab File: VV027828.D

Acq: 14 Sep 2022 15:09

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT4-2022-07

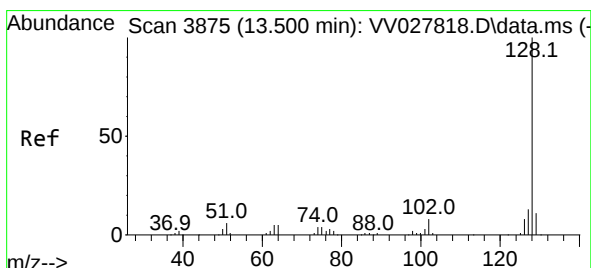
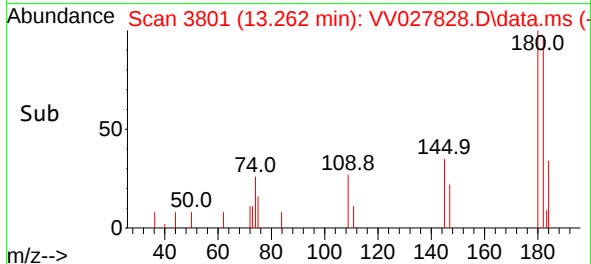
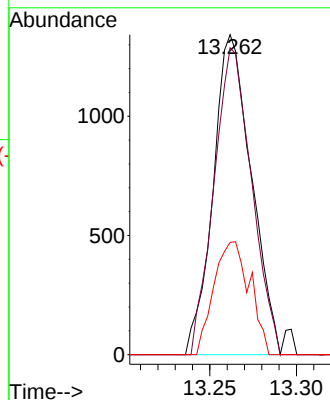
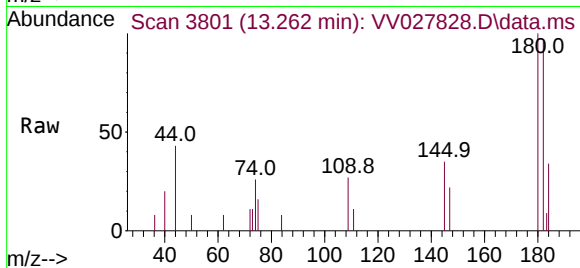
Tgt Ion:180 Resp: 2056

Ion Ratio Lower Upper

180 100

182 94.6 76.6 114.8

145 33.3 24.6 37.0



#71

Naphthalene

Concen: 0.187 ug/L

RT: 13.506 min Scan# 3877

Delta R.T. 0.006 min

Lab File: VV027828.D

Acq: 14 Sep 2022 15:09

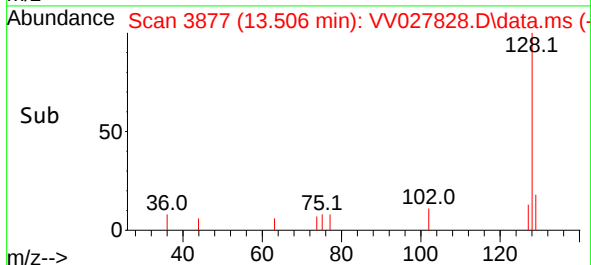
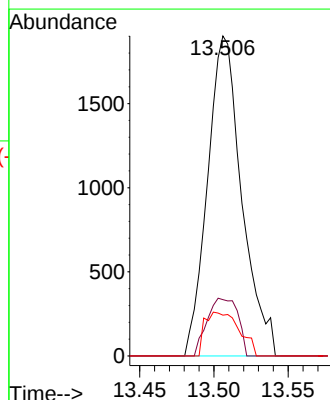
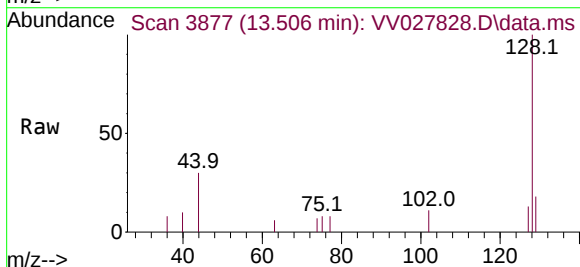
Tgt Ion:128 Resp: 3050

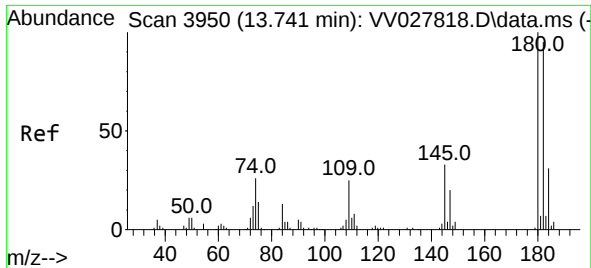
Ion Ratio Lower Upper

128 100

129 16.2 9.2 13.8#

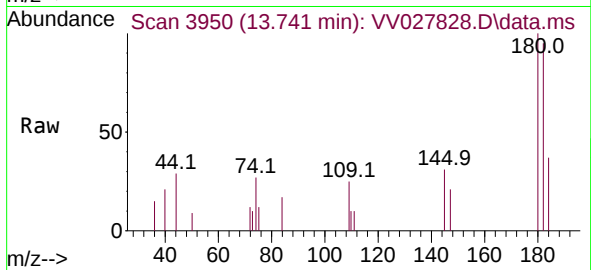
127 13.7 10.6 16.0





#72
 1,2,3-Trichlorobenzene
 Concen: 0.196 ug/L
 RT: 13.741 min Scan# 3950
 Delta R.T. -0.000 min
 Lab File: VV027828.D
 Acq: 14 Sep 2022 15:09

Instrument : MSVOA_V
 ClientSampleId : MDL-WATER-QT4-2022-07



Tgt Ion:	180	Resp:	1814
Ion	Ratio	Lower	Upper
180	100		
182	101.4	76.5	114.7
145	30.4	26.5	39.7

