

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032822\
 Data File : VX027773.D
 Acq On : 29 Mar 2022 01:30
 Operator : JC/MD
 Sample : N2090-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-46

Quant Time: Mar 29 05:45:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 25 16:26:59 2022
 Response via : Initial Calibration

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

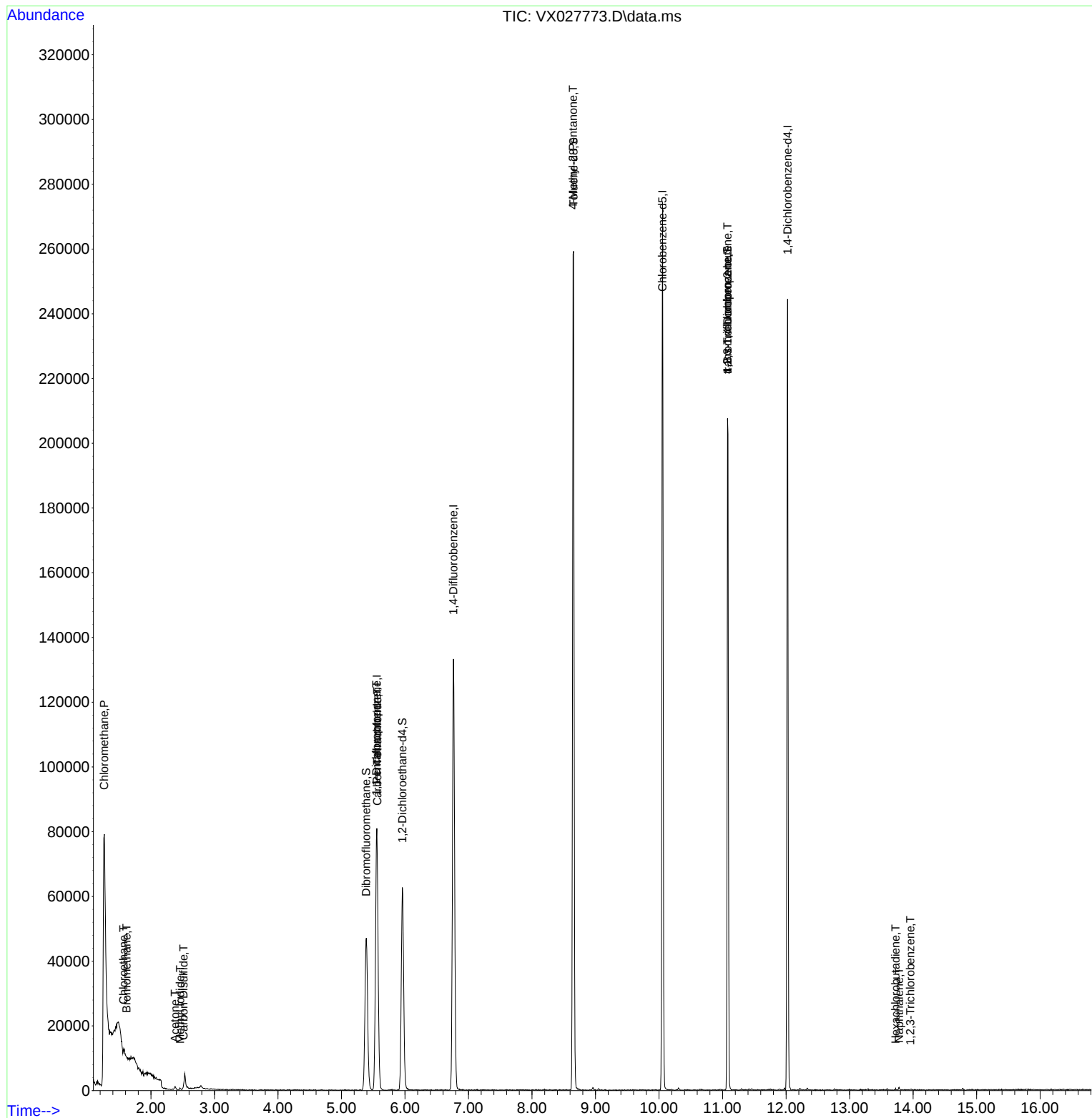
Internal Standards						
1) Pentafluorobenzene	5.556	168	67522	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	116992	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	105836	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	42659	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	64501	58.243	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 116.480%	
35) Dibromofluoromethane	5.385	113	40448	52.648	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 105.300%	
50) Toluene-d8	8.653	98	149747	50.422	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 100.840%	
62) 4-Bromofluorobenzene	11.079	95	59477	49.355	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 98.700%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.264	50	4158	5.123	ug/l #	42
5) Bromomethane	1.617	94	123	0.393	ug/l #	3
6) Chloroethane	1.569	64	2888	5.773	ug/l #	60
10) Methyl Iodide	2.459	142	440	3.381	ug/l #	72
16) Acetone	2.380	43	1140	2.434	ug/l	98
17) Carbon Disulfide	2.514	76	1558	0.810	ug/l #	75
36) 1,1-Dichloropropene	5.550	75	6575	5.418	ug/l #	44
38) Carbon Tetrachloride	5.562	117	7901	6.663	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	924	0.631	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	32305	27.199	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	32305	92.581	ug/l #	15
94) Hexachlorobutadiene	13.725	225	165	0.410	ug/l #	23
95) Naphthalene	13.780	128	625	0.206	ug/l #	81
96) 1,2,3-Trichlorobenzene	13.957	180	195	0.236	ug/l #	41

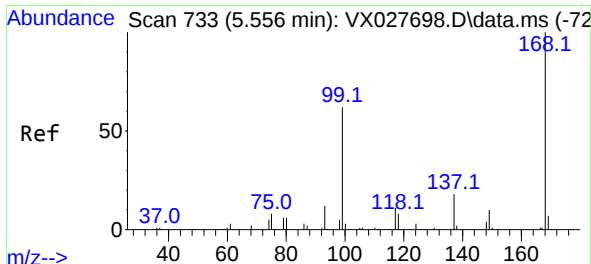
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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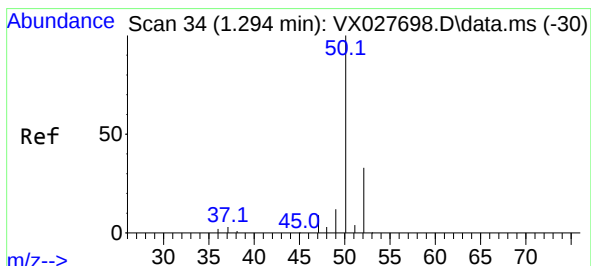
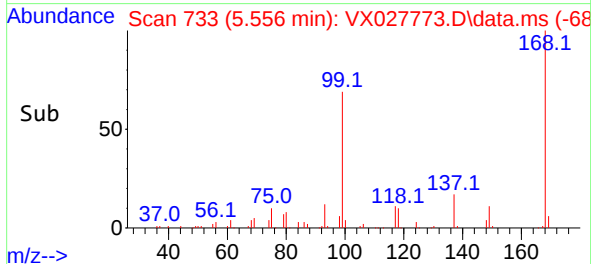
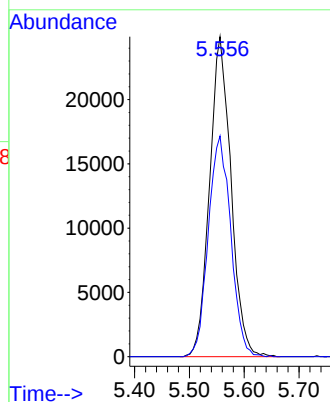
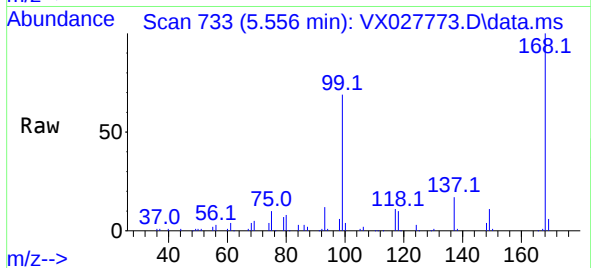




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027773.D
Acq: 29 Mar 2022 01:30

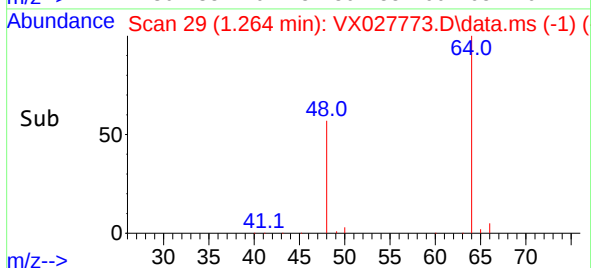
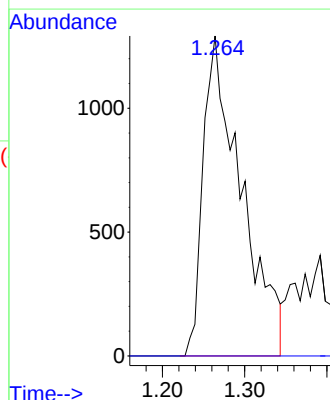
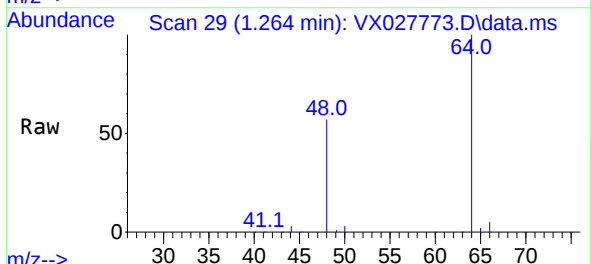
Instrument :
MSVOA_X
ClientSampleId :
MW-46

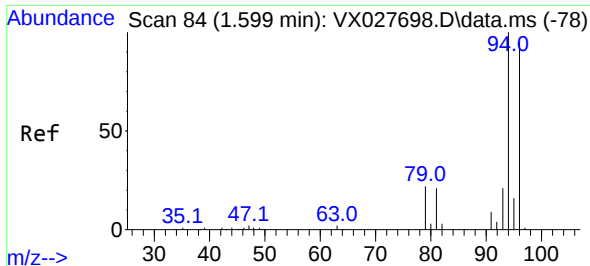
Tgt Ion:168 Resp: 67522
Ion Ratio Lower Upper
168 100
99 68.9 41.7 62.5#



#3
Chloromethane
Concen: 5.123 ug/l
RT: 1.264 min Scan# 29
Delta R.T. -0.030 min
Lab File: VX027773.D
Acq: 29 Mar 2022 01:30

Tgt Ion: 50 Resp: 4158
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#

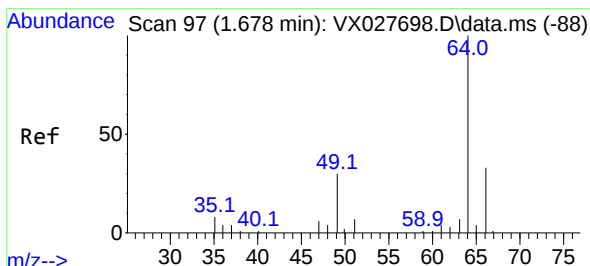
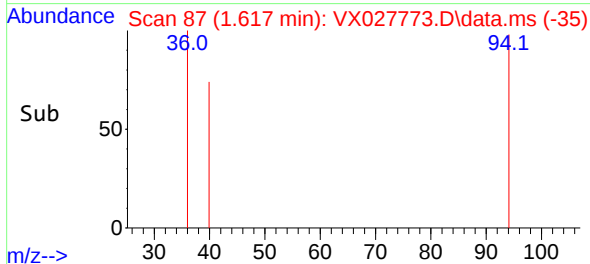
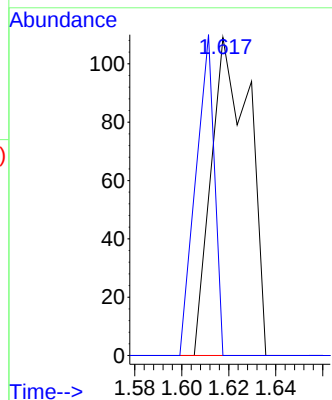
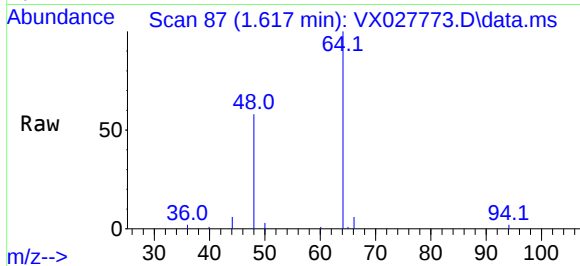




#5
Bromomethane
Concen: 0.393 ug/l
RT: 1.617 min Scan# 81
Delta R.T. 0.018 min
Lab File: VX027773.D
Acq: 29 Mar 2022 01:30

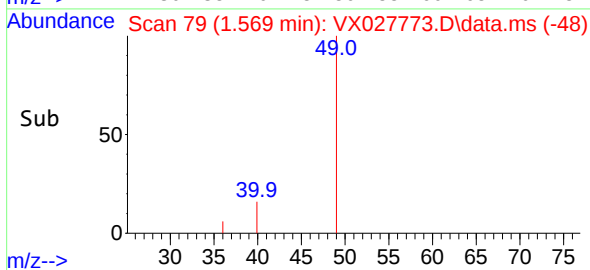
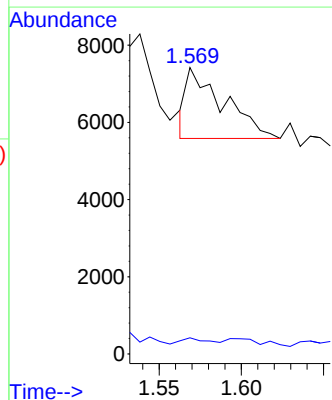
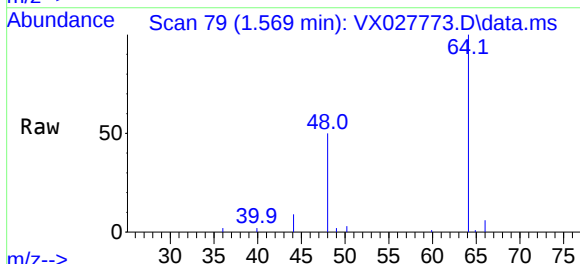
Instrument :
MSVOA_X
ClientSampleId :
MW-46

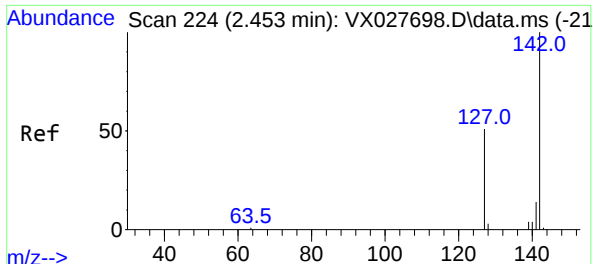
Tgt Ion: 94 Resp: 123
Ion Ratio Lower Upper
94 100
96 0.0 75.3 112.9#



#6
Chloroethane
Concen: 5.773 ug/l
RT: 1.569 min Scan# 79
Delta R.T. -0.109 min
Lab File: VX027773.D
Acq: 29 Mar 2022 01:30

Tgt Ion: 64 Resp: 2888
Ion Ratio Lower Upper
64 100
66 9.5 25.3 37.9#

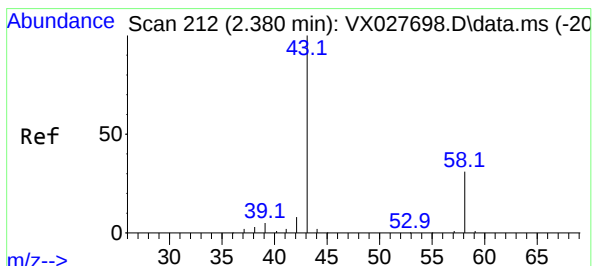
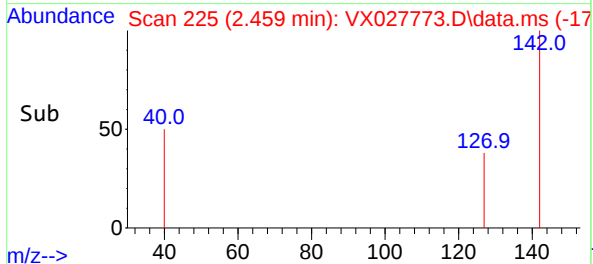
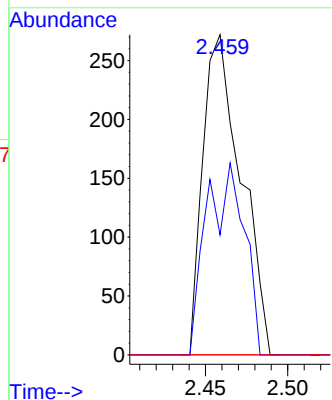
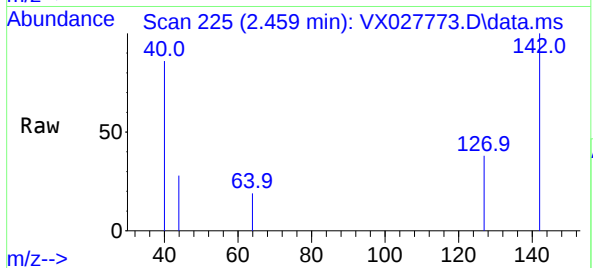




#10
Methyl Iodide
Concen: 3.381 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX027773.D
Acq: 29 Mar 2022 01:30

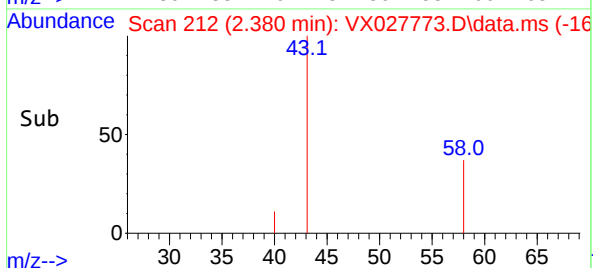
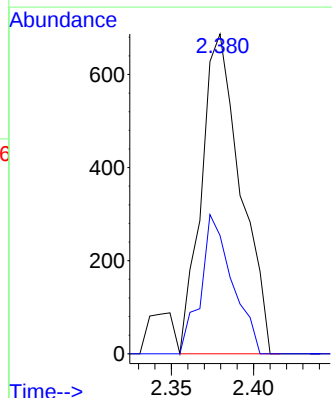
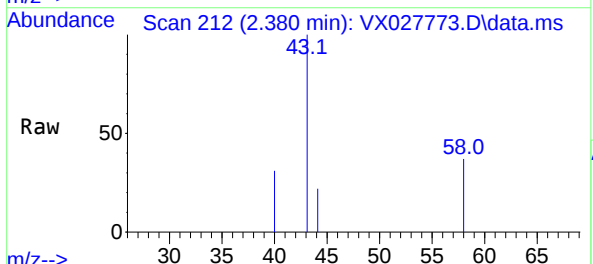
Instrument :
MSVOA_X
ClientSampleId :
MW-46

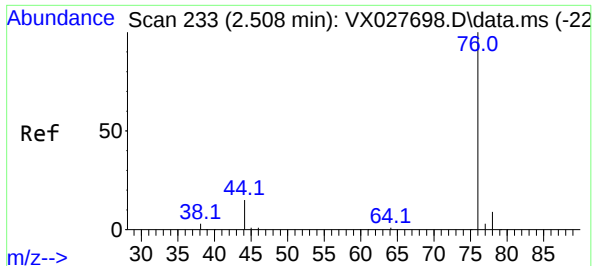
Tgt Ion:142 Resp: 440
Ion Ratio Lower Upper
142 100
127 59.1 33.9 50.9#
141 0.0 11.4 17.2#



#16
Acetone
Concen: 2.434 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX027773.D
Acq: 29 Mar 2022 01:30

Tgt Ion: 43 Resp: 1140
Ion Ratio Lower Upper
43 100
58 37.0 28.8 43.2

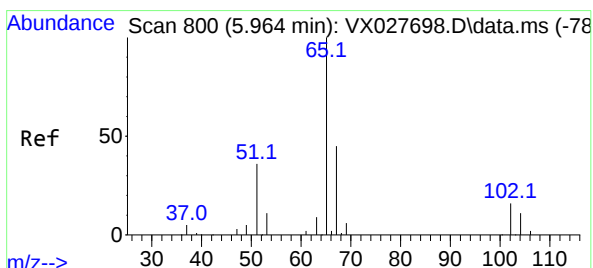
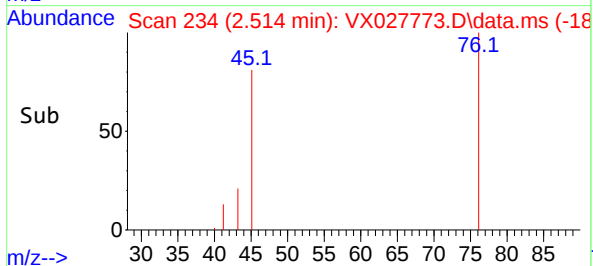
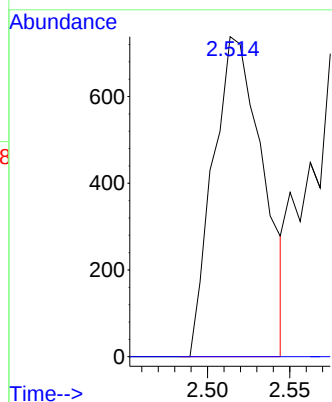
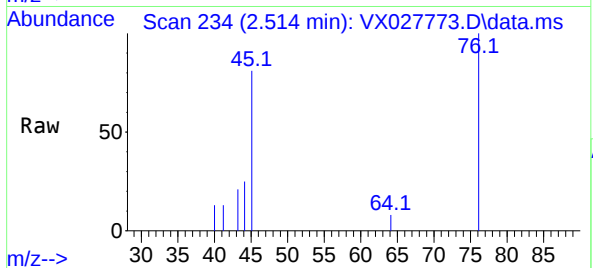




#17
Carbon Disulfide
Concen: 0.810 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX027773.D
Acq: 29 Mar 2022 01:30

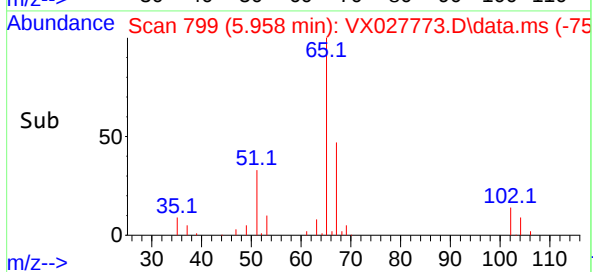
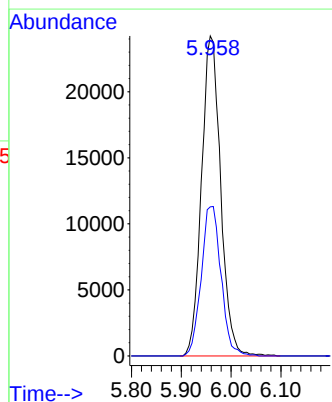
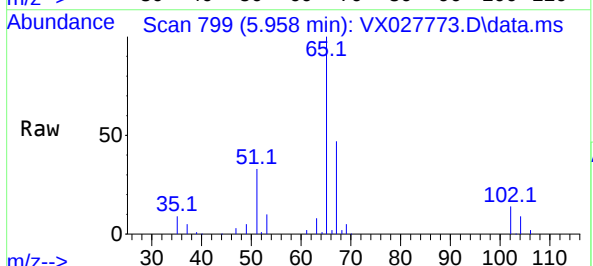
Instrument :
MSVOA_X
ClientSampleId :
MW-46

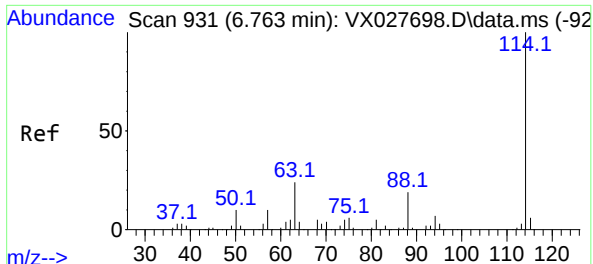
Tgt Ion: 76 Resp: 1558
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#33
1,2-Dichloroethane-d4
Concen: 58.243 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX027773.D
Acq: 29 Mar 2022 01:30

Tgt Ion: 65 Resp: 64501
Ion Ratio Lower Upper
65 100
67 48.4 0.0 107.4

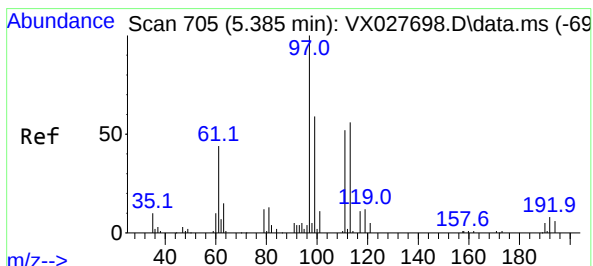
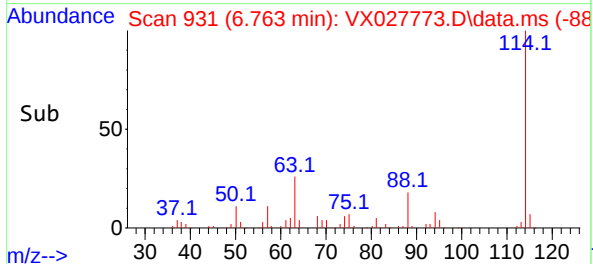
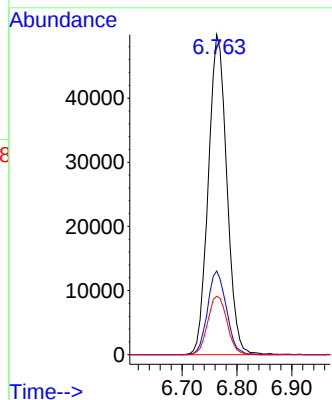
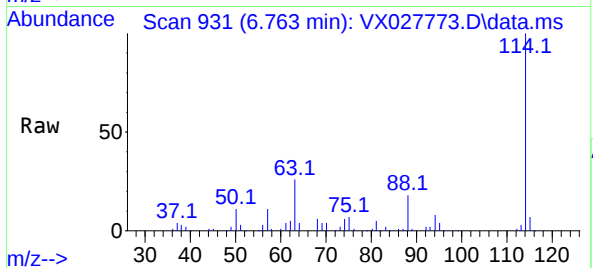




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX027773.D
Acq: 29 Mar 2022 01:30

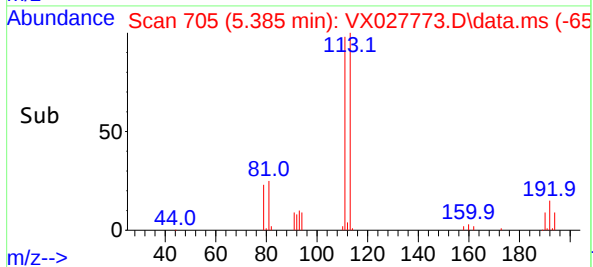
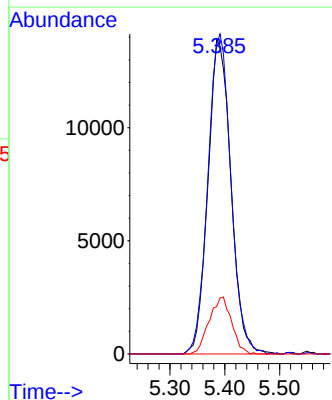
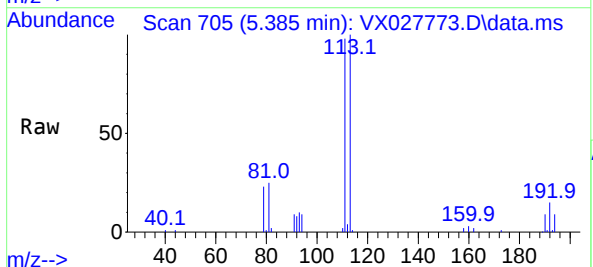
Instrument :
MSVOA_X
ClientSampleId :
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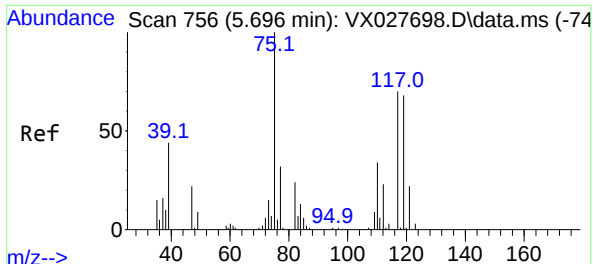
Tgt Ion:114 Resp: 116992
Ion Ratio Lower Upper
114 100
63 26.2 0.0 36.8
88 18.2 0.0 32.4



#35
Dibromofluoromethane
Concen: 52.648 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX027773.D
Acq: 29 Mar 2022 01:30

Tgt Ion:113 Resp: 40448
Ion Ratio Lower Upper
113 100
111 102.1 82.8 124.2
192 17.7 16.9 25.3





#36

1,1-Dichloropropene

Concen: 5.418 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.146 min

Lab File: VX027773.D

Acq: 29 Mar 2022 01:30

Instrument :

MSVOA_X

ClientSampleId :

MW-46

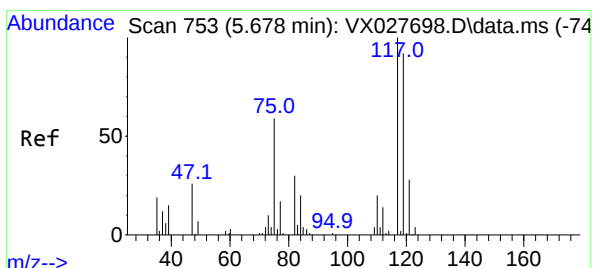
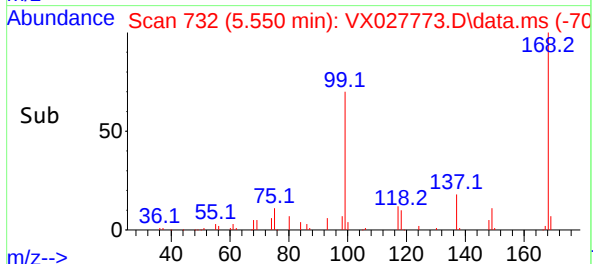
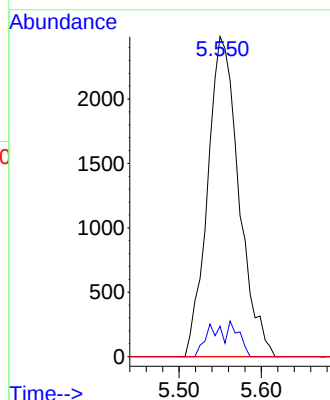
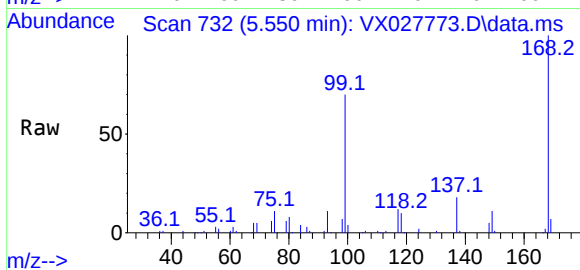
Tgt Ion: 75 Resp: 6575

Ion Ratio Lower Upper

75 100

110 4.1 18.3 54.8#

77 0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 6.663 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.116 min

Lab File: VX027773.D

Acq: 29 Mar 2022 01:30

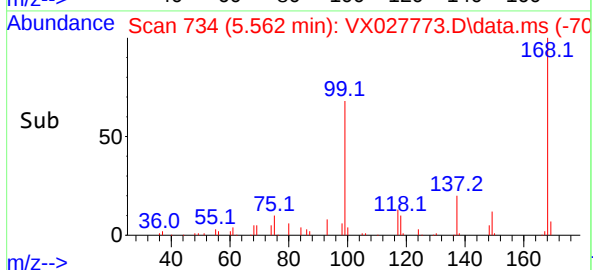
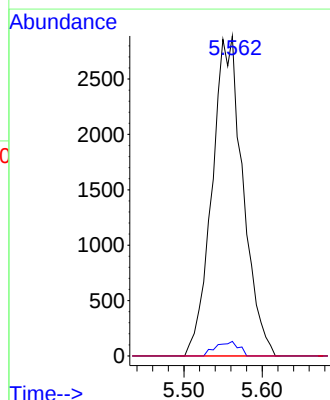
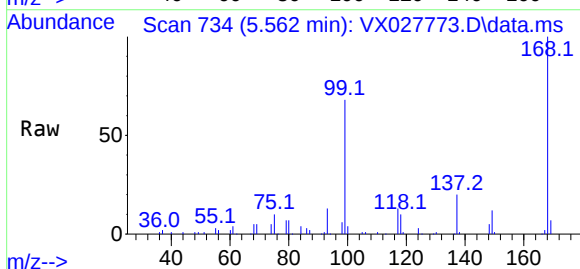
Tgt Ion: 117 Resp: 7901

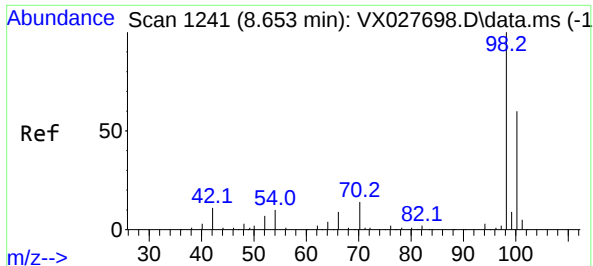
Ion Ratio Lower Upper

117 100

119 4.5 77.3 115.9#

121 0.0 24.2 36.2#

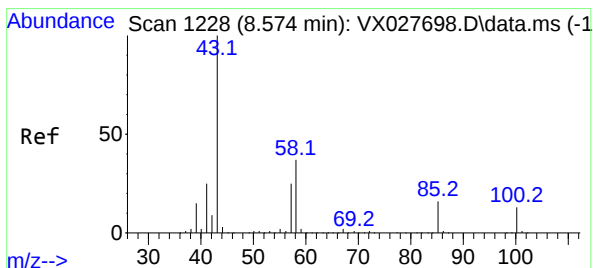
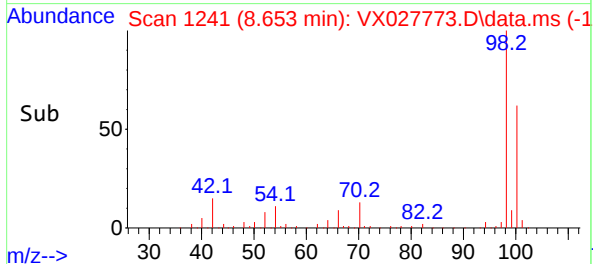
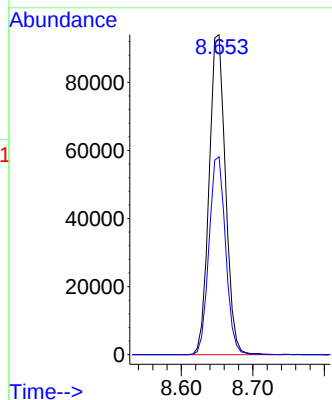
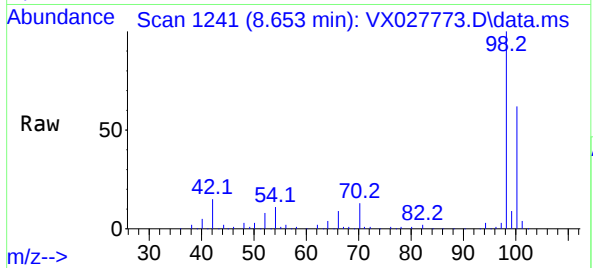




#50
Toluene-d8
Concen: 50.422 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX027773.D
Acq: 29 Mar 2022 01:30

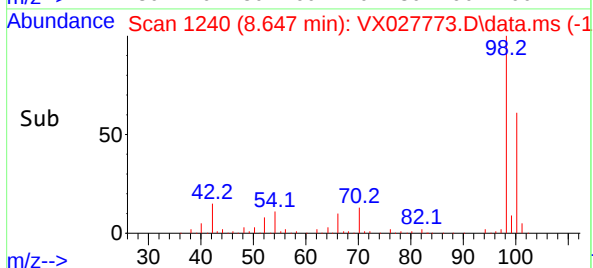
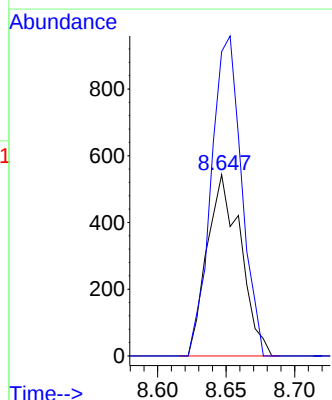
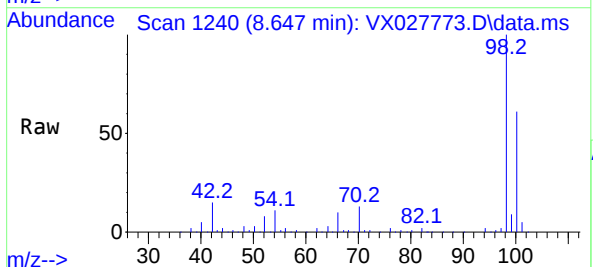
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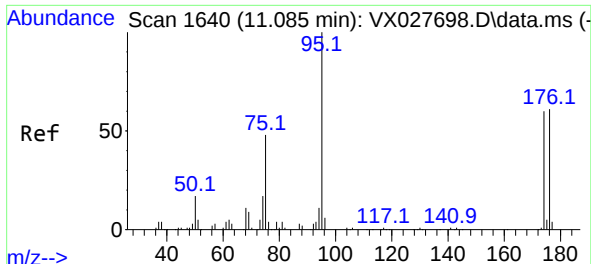
Tgt Ion: 98 Resp: 149747
Ion Ratio Lower Upper
98 100
100 62.6 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.631 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX027773.D
Acq: 29 Mar 2022 01:30

Tgt Ion: 43 Resp: 924
Ion Ratio Lower Upper
43 100
58 159.7 36.1 54.1#

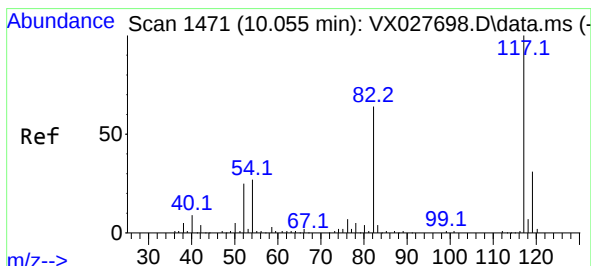
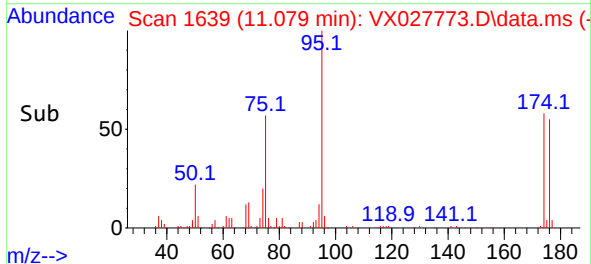
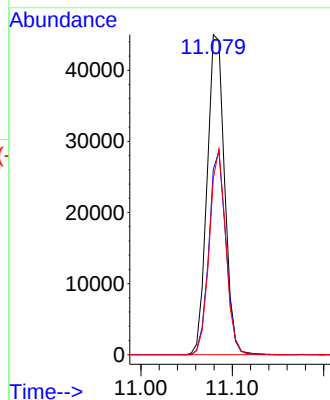
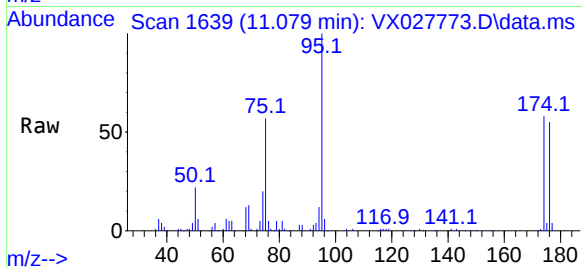




#62
4-Bromofluorobenzene
Concen: 49.355 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX027773.D
Acq: 29 Mar 2022 01:30

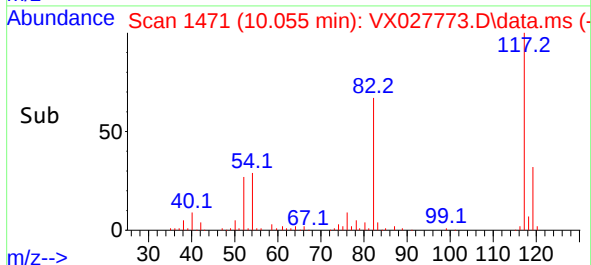
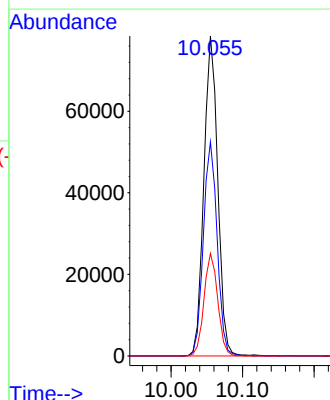
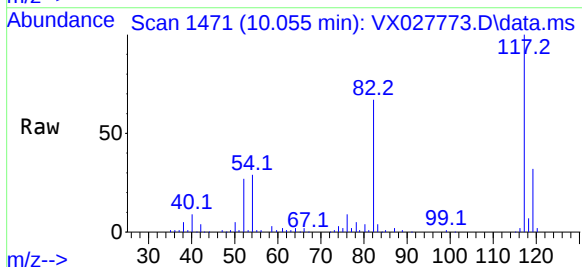
Instrument :
MSVOA_X
ClientSampleId :
MW-46

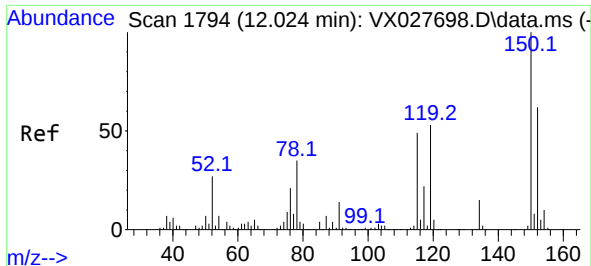
Tgt Ion: 95 Resp: 59477
Ion Ratio Lower Upper
95 100
174 62.0 0.0 163.0
176 60.4 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027773.D
Acq: 29 Mar 2022 01:30

Tgt Ion: 117 Resp: 105836
Ion Ratio Lower Upper
117 100
82 66.9 41.8 62.8#
119 32.1 24.8 37.2

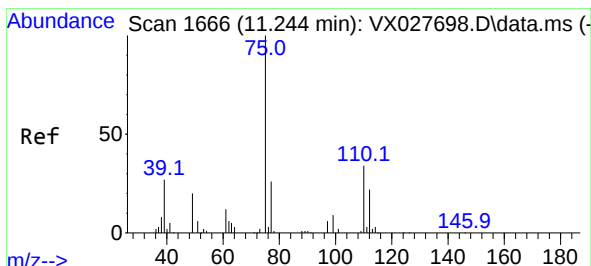
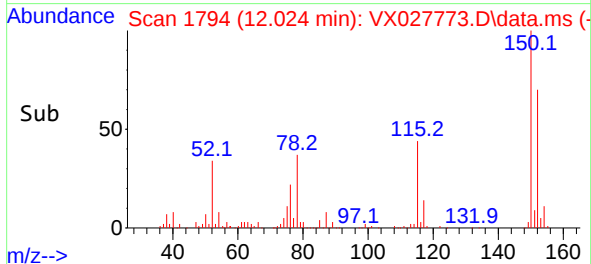
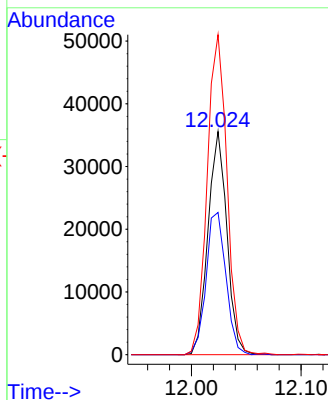
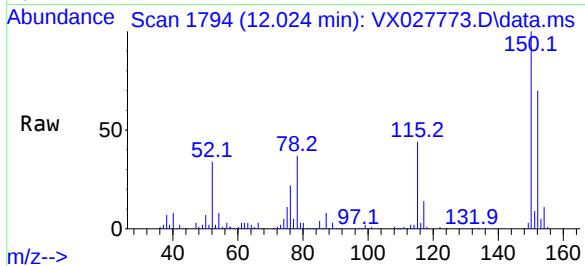




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX027773.D
 Acq: 29 Mar 2022 01:30

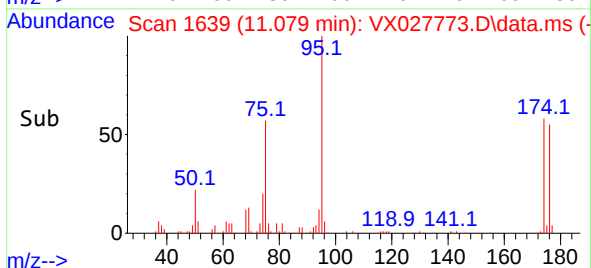
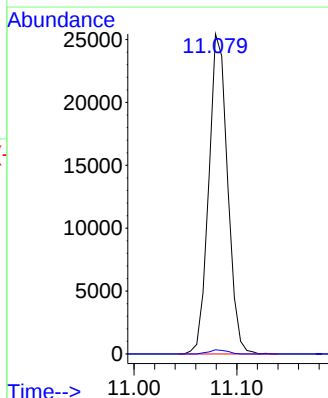
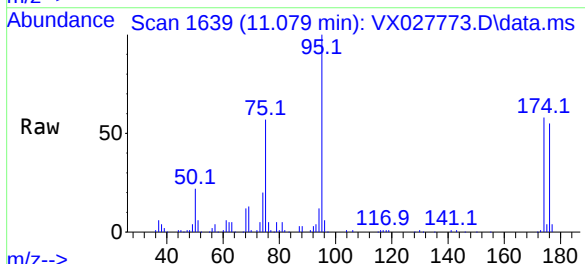
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-46

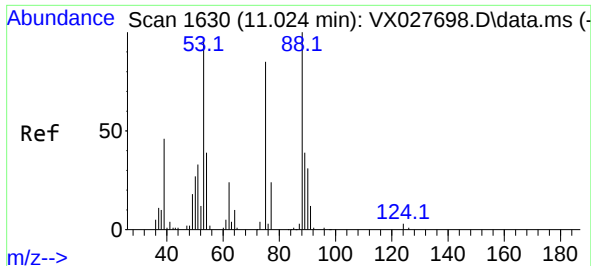
Tgt Ion:152 Resp: 42659
 Ion Ratio Lower Upper
 152 100
 115 67.2 37.5 112.7
 150 149.8 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 27.199 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX027773.D
 Acq: 29 Mar 2022 01:30

Tgt Ion: 75 Resp: 32305
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.4 58.2#

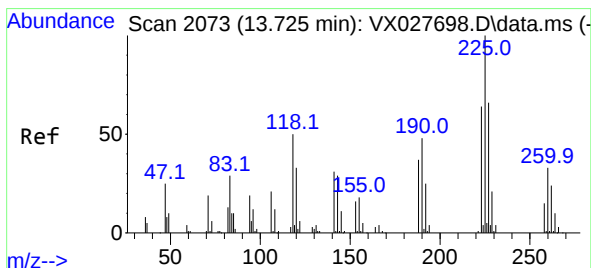
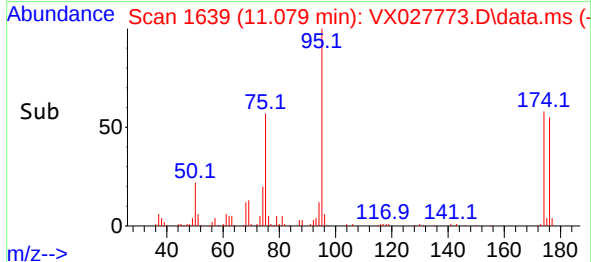
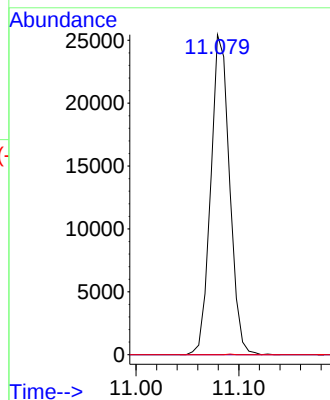
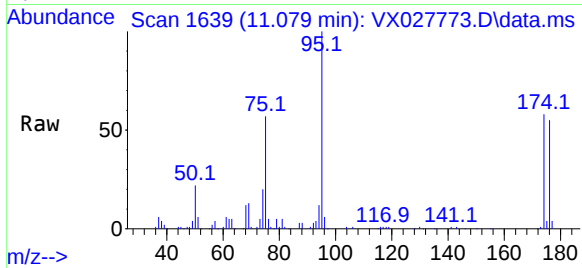




#81
trans-1,4-Dichloro-2-butene
Concen: 92.581 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.055 min
Lab File: VX027773.D
Acq: 29 Mar 2022 01:30

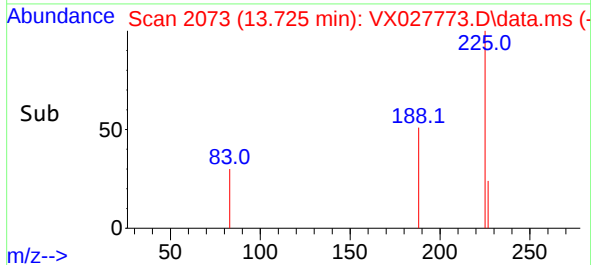
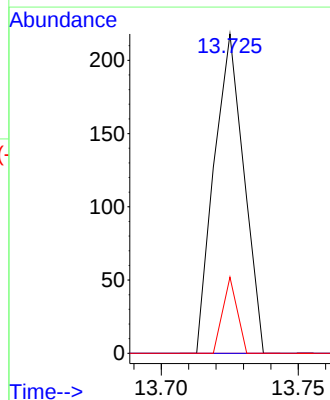
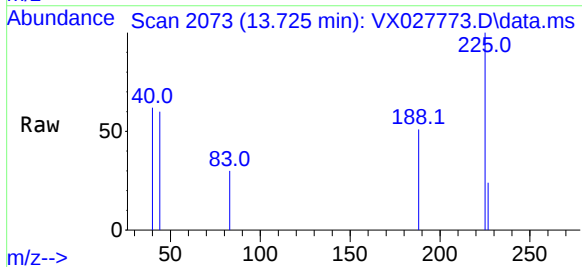
Instrument :
MSVOA_X
ClientSampleId :
MW-46

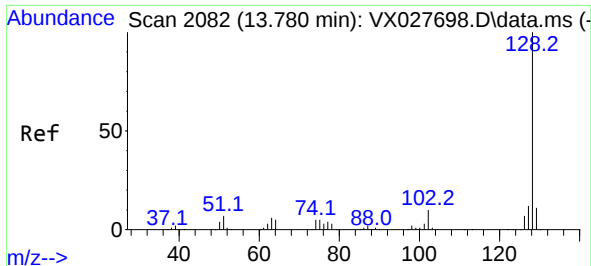
Tgt Ion: 75 Resp: 32305
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.1 37.0 55.6#



#94
Hexachlorobutadiene
Concen: 0.410 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX027773.D
Acq: 29 Mar 2022 01:30

Tgt Ion: 225 Resp: 165
Ion Ratio Lower Upper
225 100
223 0.0 34.2 102.5#
227 11.5 33.9 101.7#

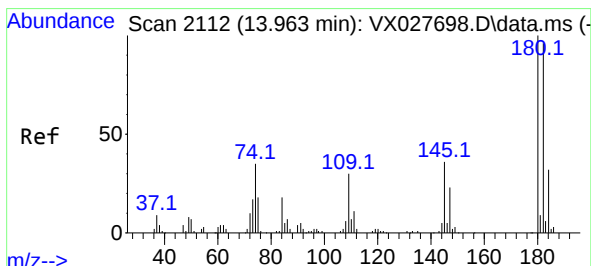
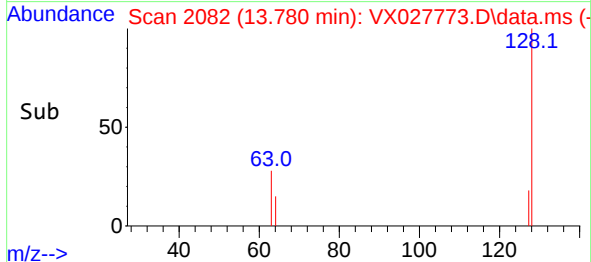
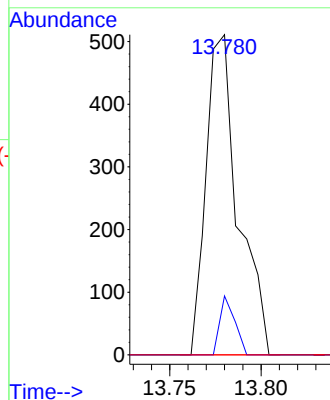
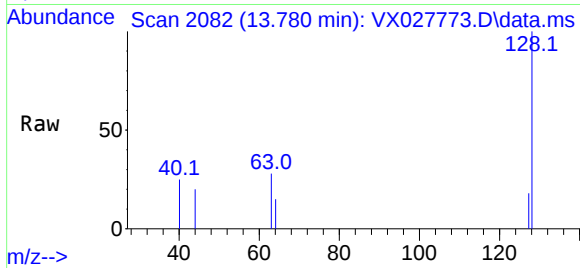




#95
Naphthalene
Concen: 0.206 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX027773.D
Acq: 29 Mar 2022 01:30

Instrument :
MSVOA_X
ClientSampleId :
MW-46

Tgt Ion:128 Resp: 625
Ion Ratio Lower Upper
128 100
127 8.5 10.2 15.4#
129 0.0 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 0.236 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.006 min
Lab File: VX027773.D
Acq: 29 Mar 2022 01:30

Tgt Ion:180 Resp: 195
Ion Ratio Lower Upper
180 100
182 41.0 50.0 149.8#
145 0.0 16.2 48.5#

