

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040822\
 Data File : VX028023.D
 Acq On : 08 Apr 2022 13:38
 Operator : JC/MD
 Sample : N2333-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-5

Quant Time: Apr 11 01:16:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 07 18:12:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	85603	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	166177	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	152281	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	72755	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	71285	54.857	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 109.720%	
35) Dibromofluoromethane	5.391	113	52053	46.665	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 93.320%	
50) Toluene-d8	8.653	98	191675	48.159	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 96.320%	
62) 4-Bromofluorobenzene	11.079	95	76614	45.282	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 90.560%	

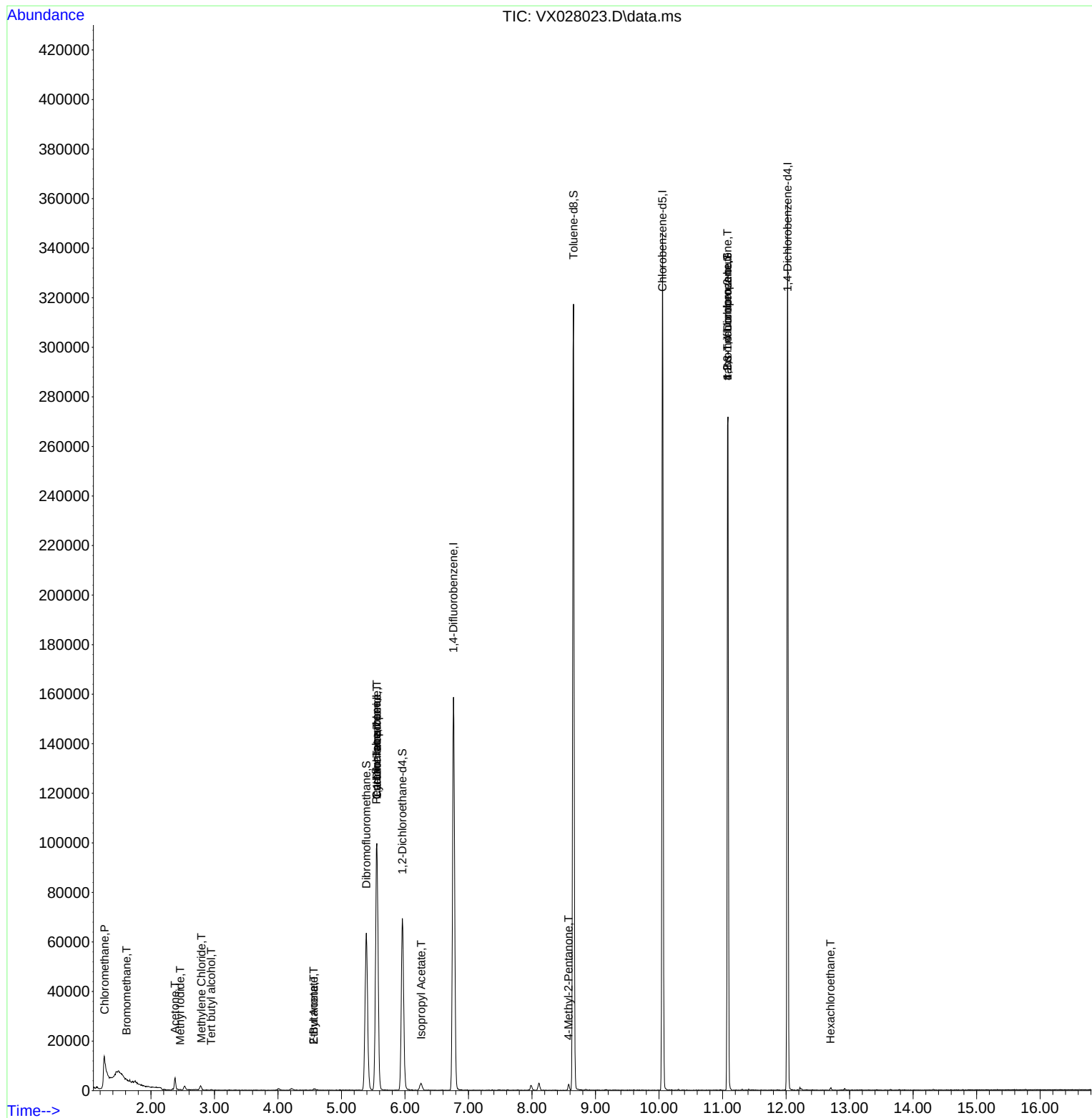
Target Compounds			Qvalue			
3) Chloromethane	1.270	50	352	1.821	ug/l #	42
5) Bromomethane	1.617	94	142	1.021	ug/l #	77
10) Methyl Iodide	2.459	142	267	6.996	ug/l #	64
11) Tert butyl alcohol	2.946	59	194	0.847	ug/l #	72
16) Acetone	2.380	43	5327	7.454	ug/l	94
17) Carbon Disulfide	2.526	76	898	Below Cal	#	81
20) Methylene Chloride	2.794	84	21	2.352	ug/l #	11
25) 2-Butanone	4.562	43	1216	1.442	ug/l	91
31) Cyclohexane	5.556	56	2310	1.466	ug/l #	31
36) 1,1-Dichloropropene	5.556	75	7933	4.837	ug/l #	50
37) Ethyl Acetate	4.562	43	1216	0.631	ug/l #	65
38) Carbon Tetrachloride	5.556	117	10136	5.709	ug/l #	16
43) Isopropyl Acetate	6.257	43	709	0.244	ug/l #	56
51) 4-Methyl-2-Pentanone	8.573	43	1517	0.802	ug/l	95
76) 1,2,3-Trichloropropane	11.079	75	38809	21.746	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	38809	68.258	ug/l #	15
90) Hexachloroethane	12.701	117	603	0.839	ug/l #	10

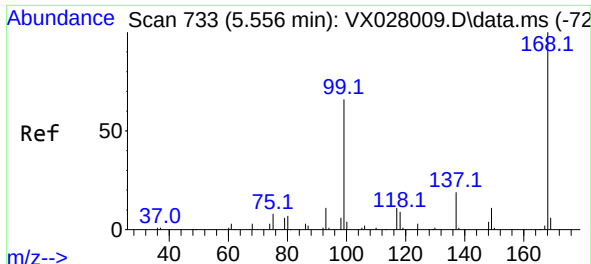
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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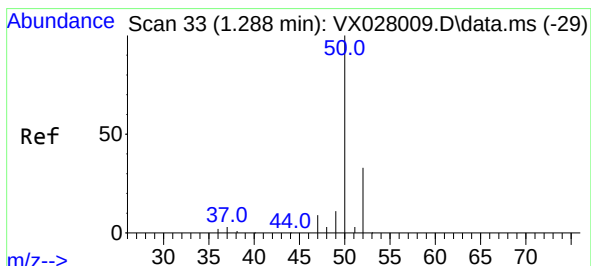
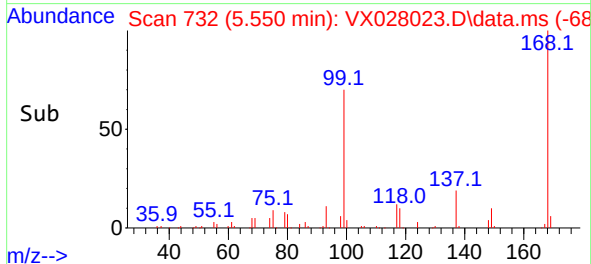
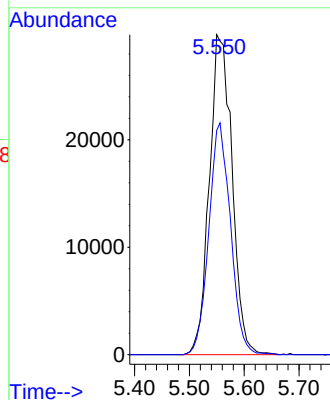
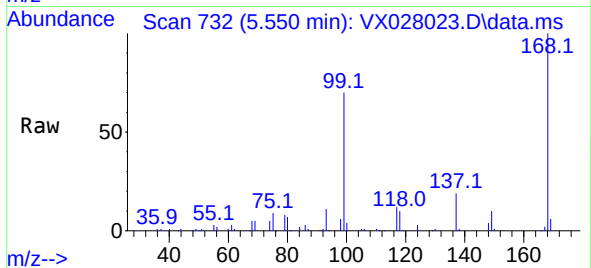




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX028023.D
Acq: 08 Apr 2022 13:38

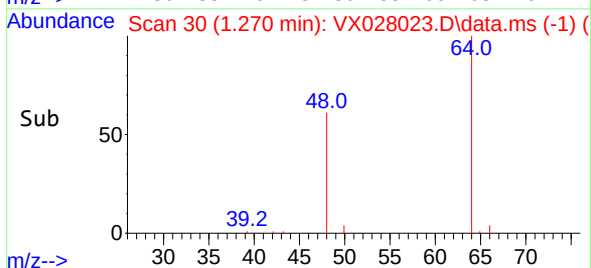
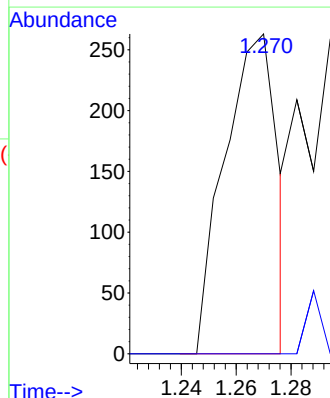
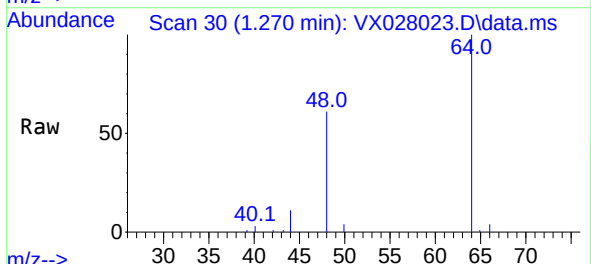
Instrument :
MSVOA_X
ClientSampleId :
MW-5

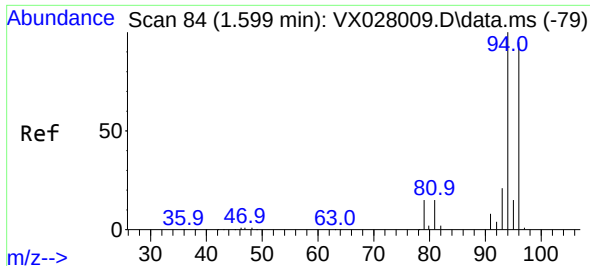
Tgt Ion:168 Resp: 85603
Ion Ratio Lower Upper
168 100
99 70.1 41.7 62.5#



#3
Chloromethane
Concen: 1.821 ug/l
RT: 1.270 min Scan# 30
Delta R.T. -0.018 min
Lab File: VX028023.D
Acq: 08 Apr 2022 13:38

Tgt Ion: 50 Resp: 352
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#

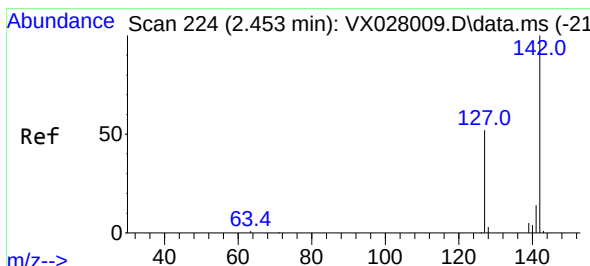
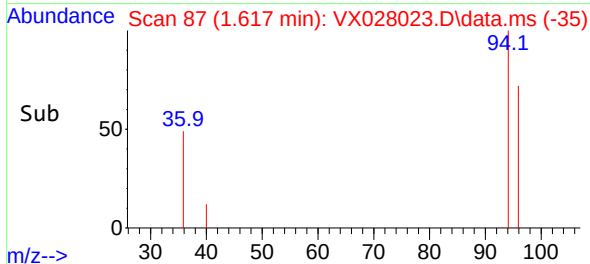
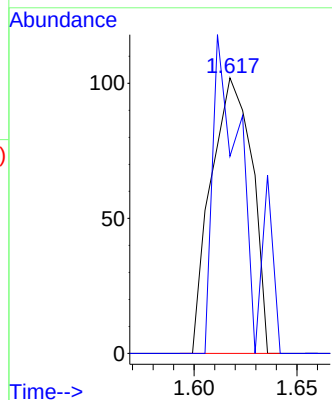
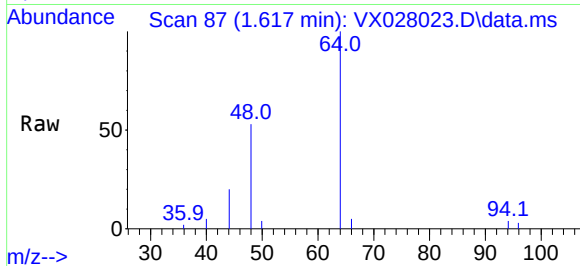




#5
Bromomethane
Concen: 1.021 ug/l
RT: 1.617 min Scan# 81
Delta R.T. 0.018 min
Lab File: VX028023.D
Acq: 08 Apr 2022 13:38

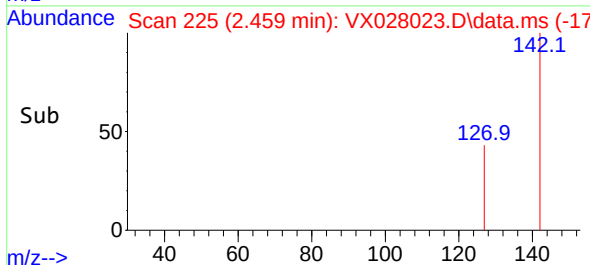
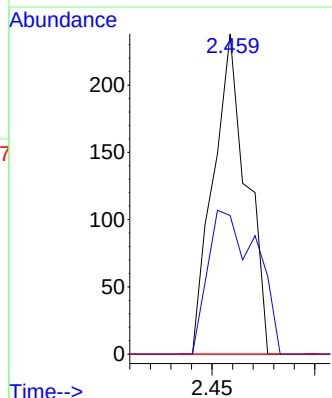
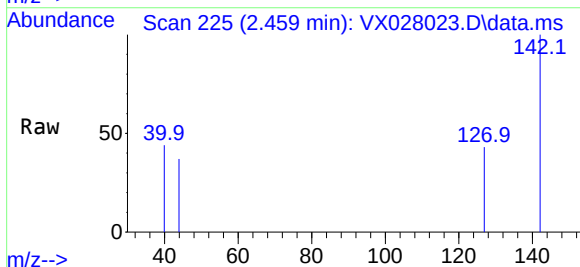
Instrument :
MSVOA_X
ClientSampleId :
MW-5

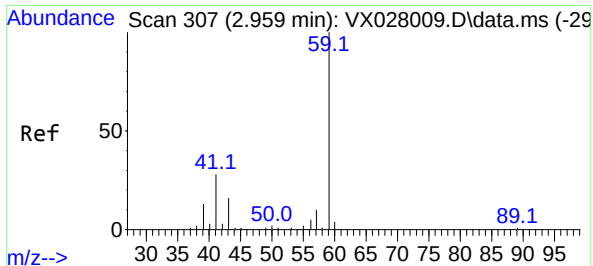
Tgt Ion: 94 Resp: 142
Ion Ratio Lower Upper
94 100
96 71.6 75.3 112.9#



#10
Methyl Iodide
Concen: 6.996 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX028023.D
Acq: 08 Apr 2022 13:38

Tgt Ion: 142 Resp: 267
Ion Ratio Lower Upper
142 100
127 65.5 33.9 50.9#
141 0.0 11.4 17.2#





#11

Tert butyl alcohol

Concen: 0.847 ug/l

RT: 2.946 min Scan# 307

Delta R.T. -0.013 min

Lab File: VX028023.D

Acq: 08 Apr 2022 13:38

Instrument :

MSVOA_X

ClientSampleId :

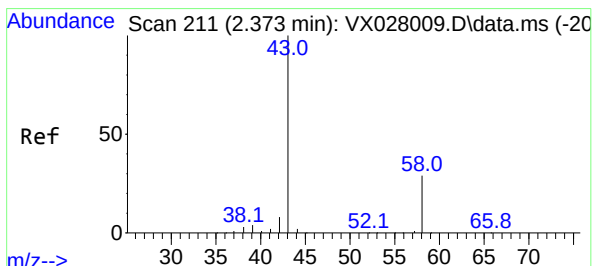
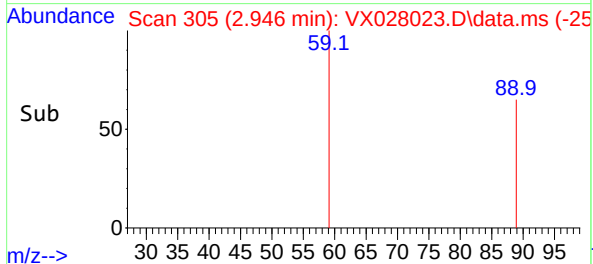
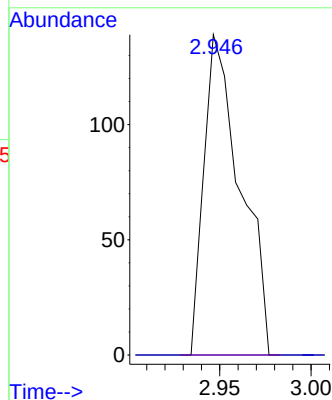
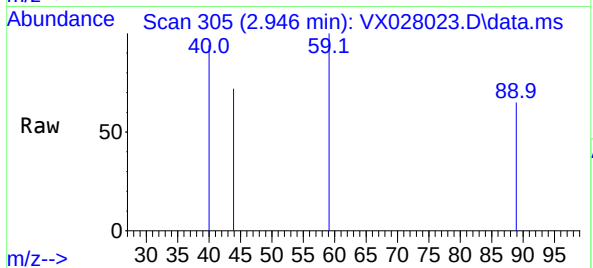
MW-5

Tgt Ion: 59 Resp: 194

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#16

Acetone

Concen: 7.454 ug/l

RT: 2.380 min Scan# 212

Delta R.T. 0.006 min

Lab File: VX028023.D

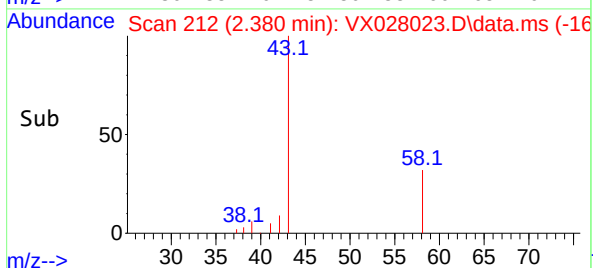
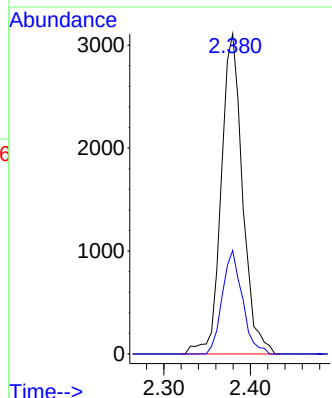
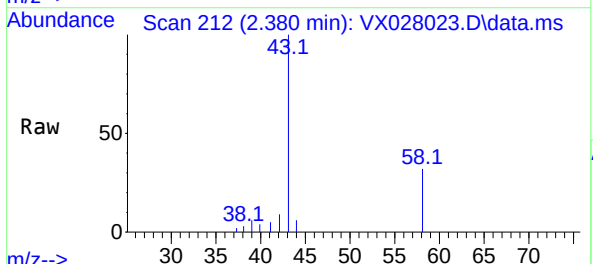
Acq: 08 Apr 2022 13:38

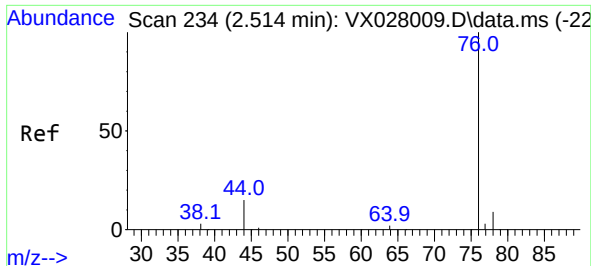
Tgt Ion: 43 Resp: 5327

Ion Ratio Lower Upper

43 100

58 32.4 28.8 43.2

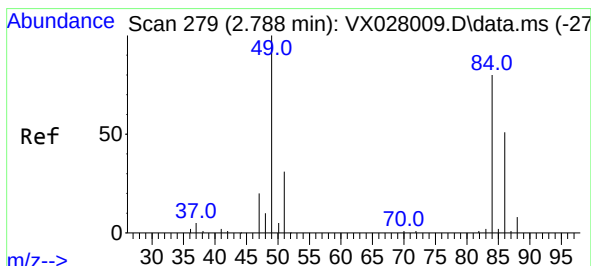
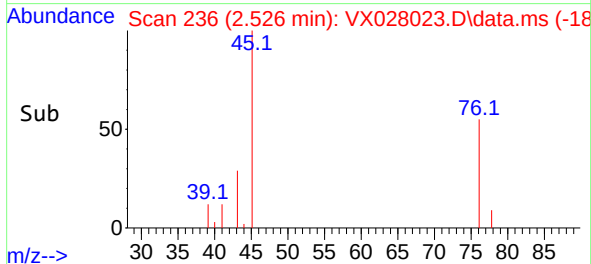
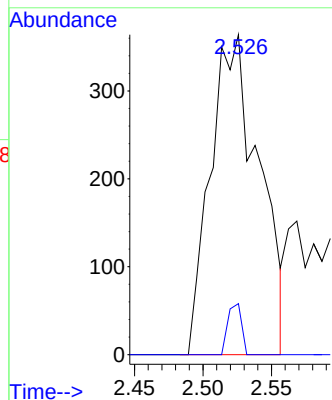
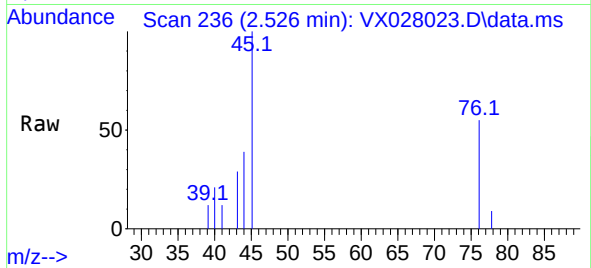




#17
Carbon Disulfide
Concen: Below Cal
RT: 2.526 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX028023.D
Acq: 08 Apr 2022 13:38

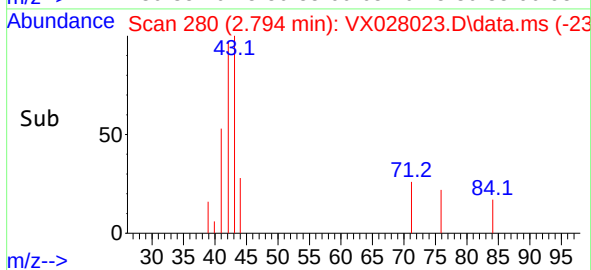
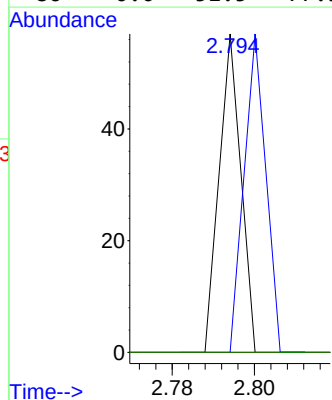
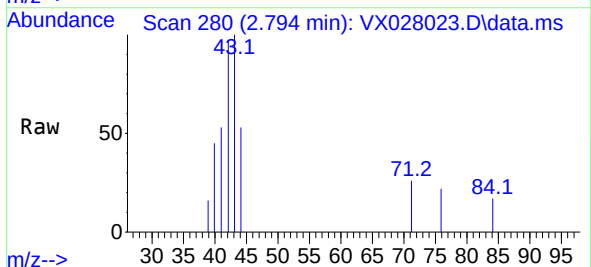
Instrument :
MSVOA_X
ClientSampleId :
MW-5

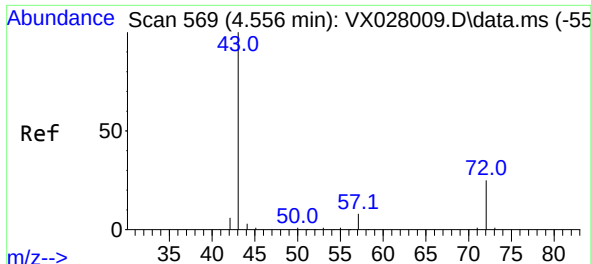
Tgt Ion: 76 Resp: 898
Ion Ratio Lower Upper
76 100
78 15.9 7.2 10.8#



#20
Methylene Chloride
Concen: 2.352 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX028023.D
Acq: 08 Apr 2022 13:38

Tgt Ion: 84 Resp: 21
Ion Ratio Lower Upper
84 100
49 0.0 85.5 128.3#
51 0.0 26.6 39.8#
86 0.0 51.5 77.3#





#25

2-Butanone

Concen: 1.442 ug/l

RT: 4.562 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX028023.D

Acq: 08 Apr 2022 13:38

Instrument :

MSVOA_X

ClientSampleId :

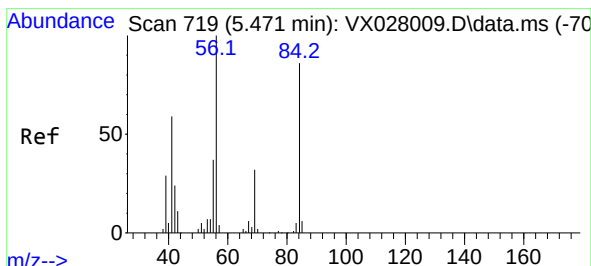
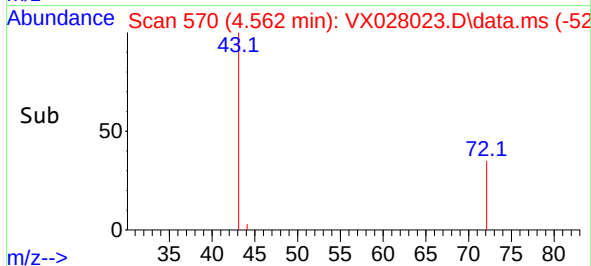
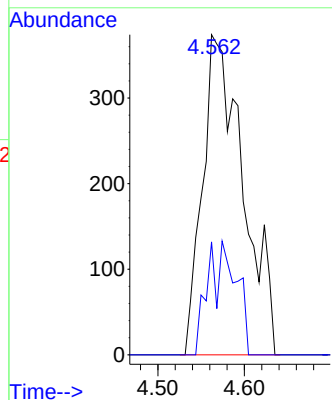
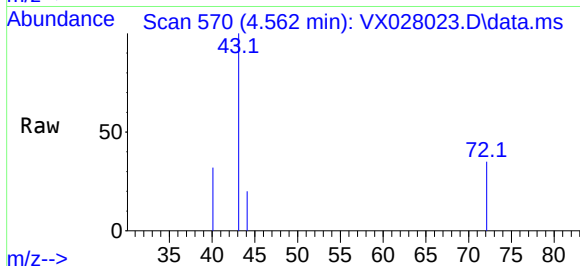
MW-5

Tgt Ion: 43 Resp: 1216

Ion Ratio Lower Upper

43 100

72 35.3 24.4 36.6



#31

Cyclohexane

Concen: 1.466 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.085 min

Lab File: VX028023.D

Acq: 08 Apr 2022 13:38

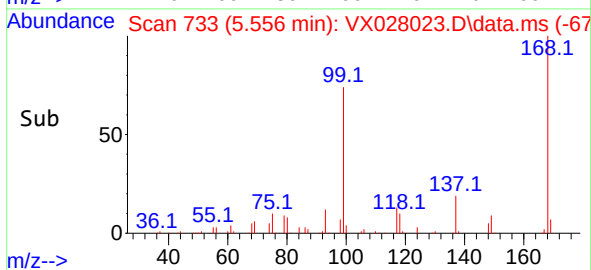
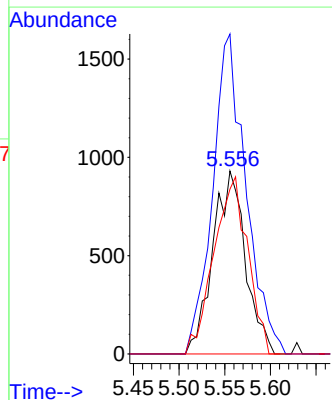
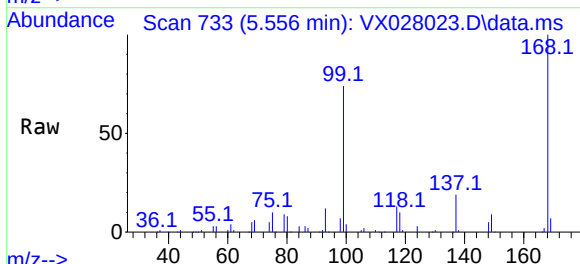
Tgt Ion: 56 Resp: 2310

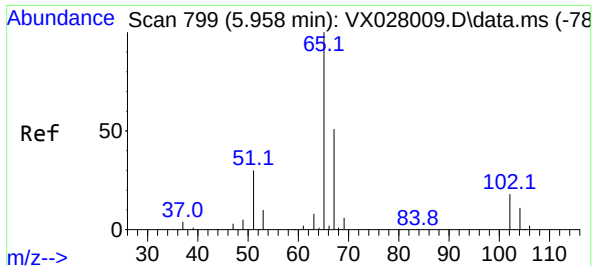
Ion Ratio Lower Upper

56 100

69 175.1 26.7 40.1#

84 90.1 77.2 115.8

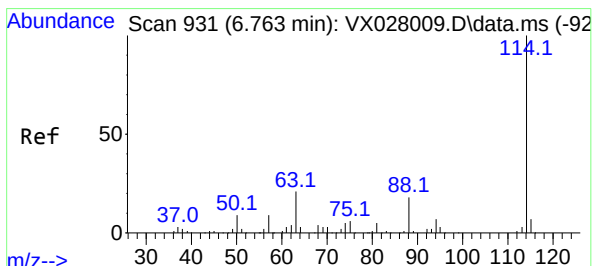
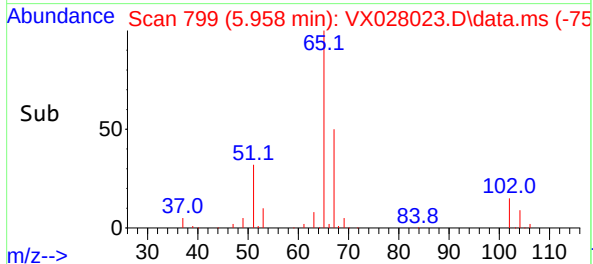
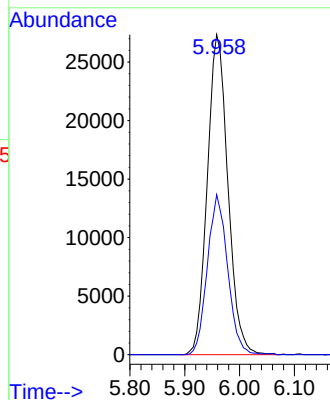
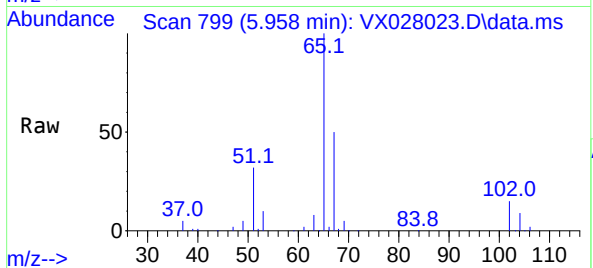




#33
1,2-Dichloroethane-d4
Concen: 54.857 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028023.D
Acq: 08 Apr 2022 13:38

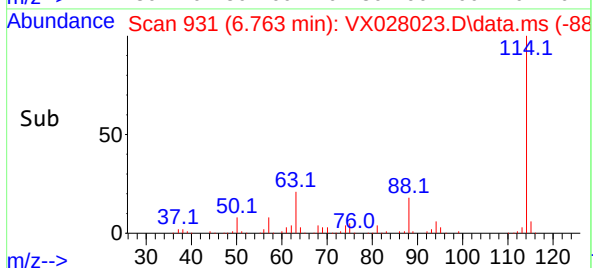
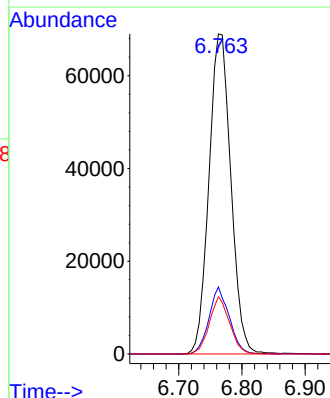
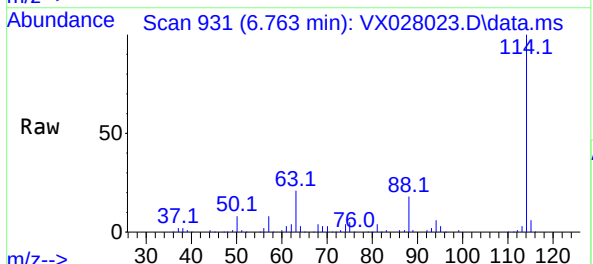
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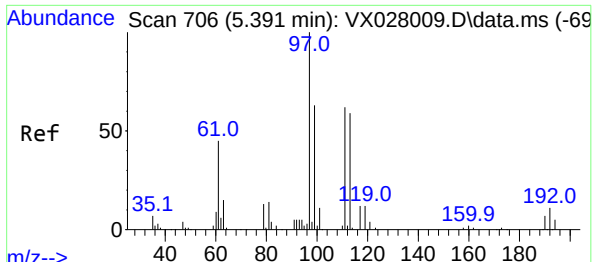
Tgt Ion: 65 Resp: 71285
Ion Ratio Lower Upper
65 100
67 49.1 0.0 107.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX028023.D
Acq: 08 Apr 2022 13:38

Tgt Ion: 114 Resp: 166177
Ion Ratio Lower Upper
114 100
63 21.0 0.0 36.8
88 17.8 0.0 32.4

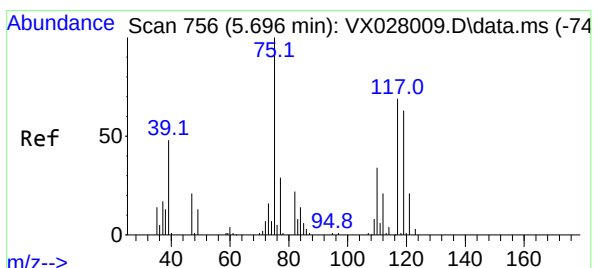
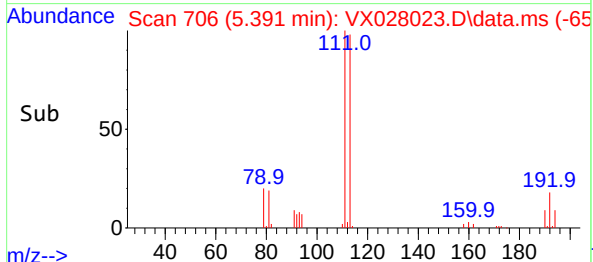
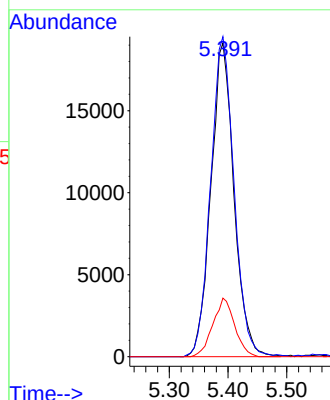
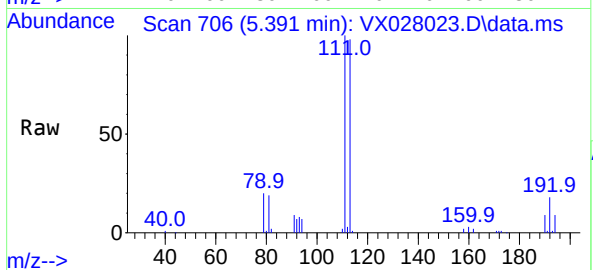




#35
Dibromofluoromethane
Concen: 46.665 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX028023.D
Acq: 08 Apr 2022 13:38

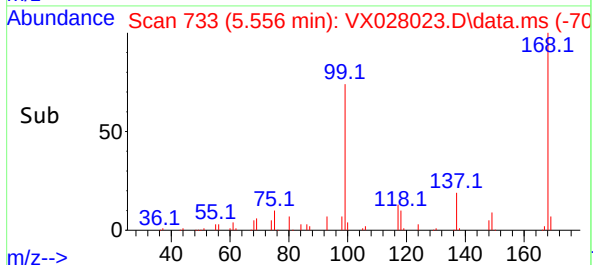
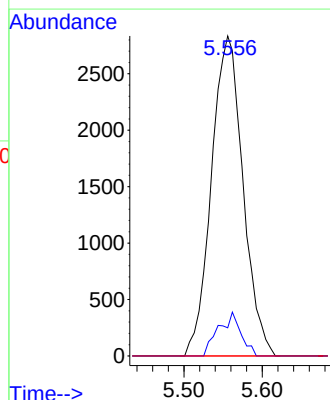
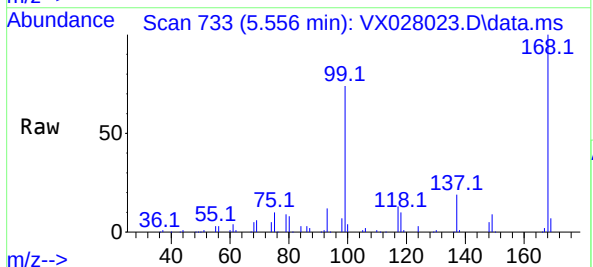
Instrument :
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MW-5

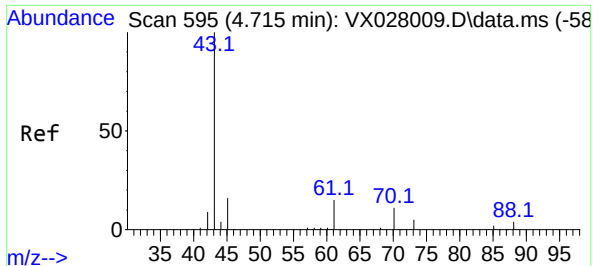
Tgt Ion:113 Resp: 52053
Ion Ratio Lower Upper
113 100
111 103.5 82.8 124.2
192 17.7 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.837 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX028023.D
Acq: 08 Apr 2022 13:38

Tgt Ion: 75 Resp: 7933
Ion Ratio Lower Upper
75 100
110 9.7 18.3 54.8#
77 0.0 24.8 37.2#





#37

Ethyl Acetate

Concen: 0.631 ug/l

RT: 4.562 min Scan# 51

Delta R.T. -0.153 min

Lab File: VX028023.D

Acq: 08 Apr 2022 13:38

Instrument :

MSVOA_X

ClientSampleId :

MW-5

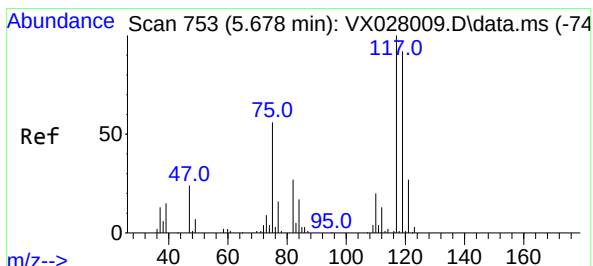
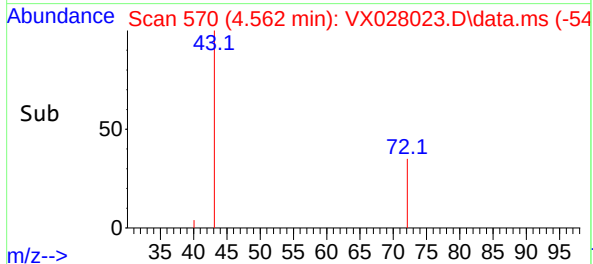
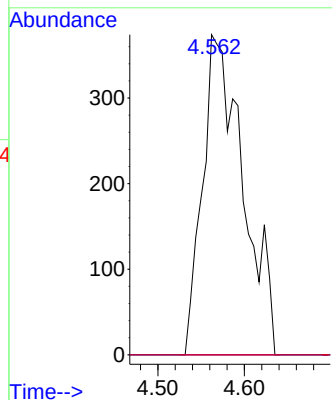
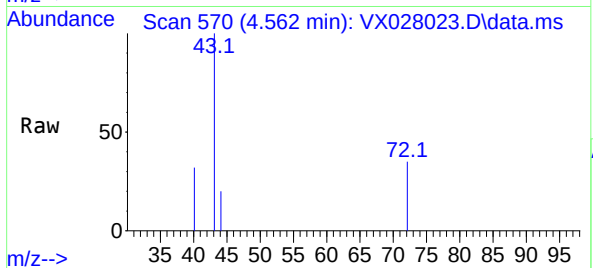
Tgt Ion: 43 Resp: 1216

Ion Ratio Lower Upper

43 100

61 0.0 12.6 19.0#

70 0.0 10.2 15.2#



#38

Carbon Tetrachloride

Concen: 5.709 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.122 min

Lab File: VX028023.D

Acq: 08 Apr 2022 13:38

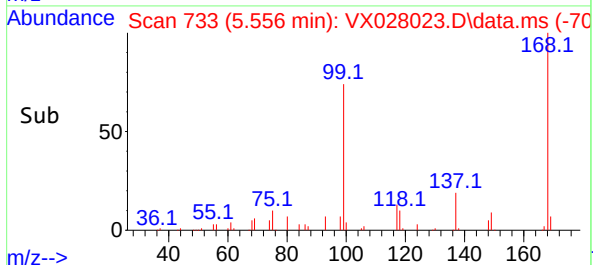
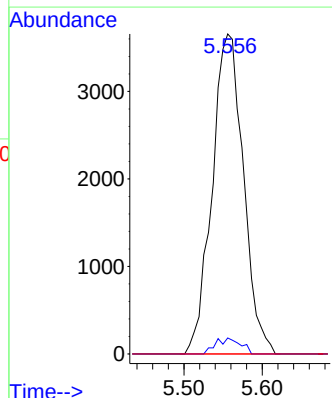
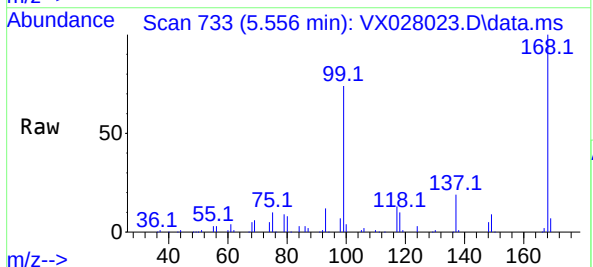
Tgt Ion: 117 Resp: 10136

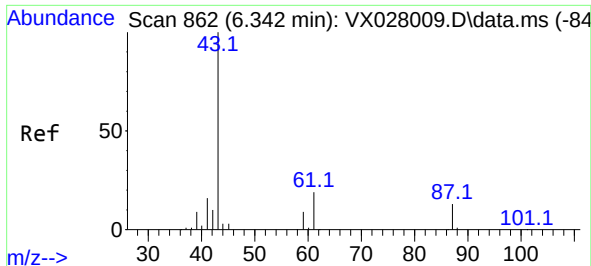
Ion Ratio Lower Upper

117 100

119 5.0 77.3 115.9#

121 0.0 24.2 36.2#

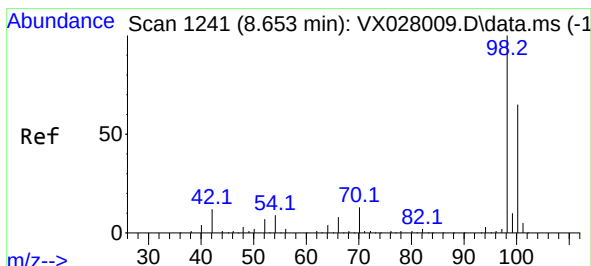
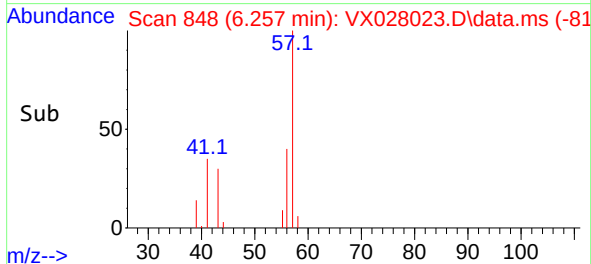
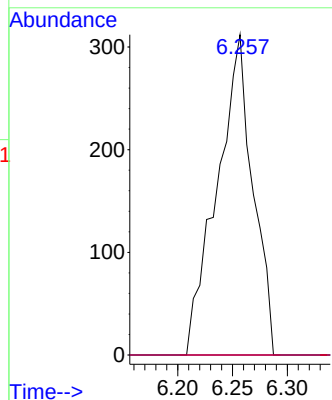
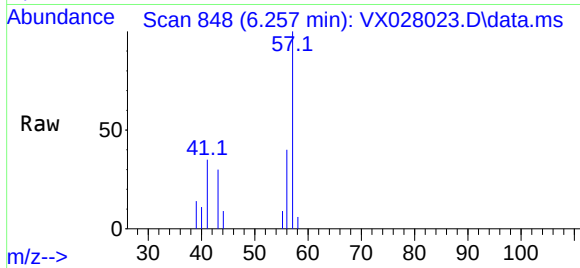




#43
Isopropyl Acetate
Concen: 0.244 ug/l
RT: 6.257 min Scan# 84
Delta R.T. -0.085 min
Lab File: VX028023.D
Acq: 08 Apr 2022 13:38

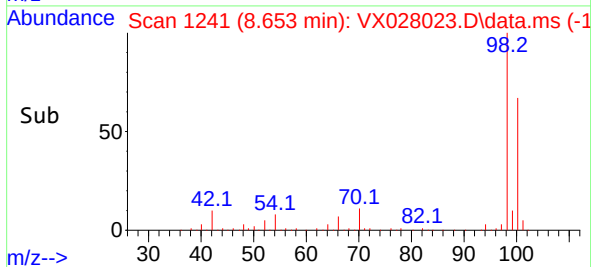
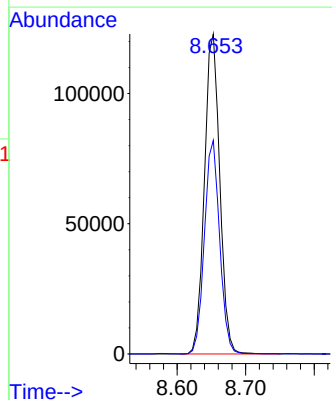
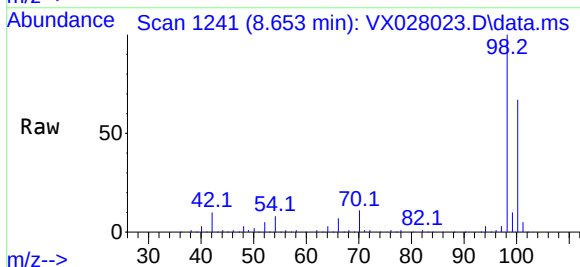
Instrument :
MSVOA_X
ClientSampleId :
MW-5

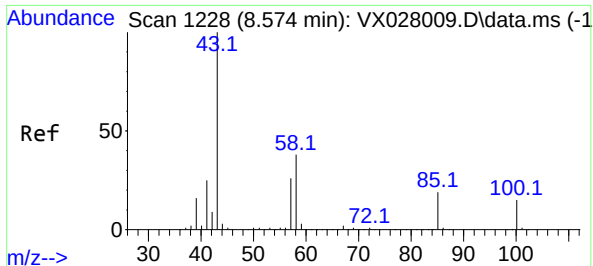
Tgt Ion: 43 Resp: 709
Ion Ratio Lower Upper
43 100
61 0.0 18.5 27.7#
87 0.0 13.0 19.6#



#50
Toluene-d8
Concen: 48.159 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX028023.D
Acq: 08 Apr 2022 13:38

Tgt Ion: 98 Resp: 191675
Ion Ratio Lower Upper
98 100
100 66.4 52.6 78.8

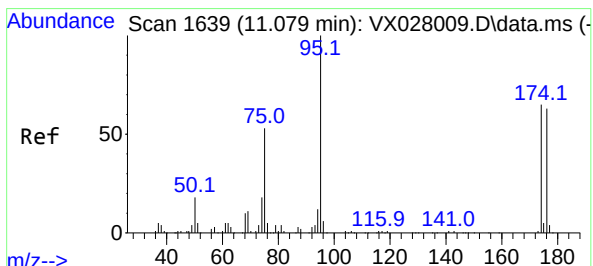
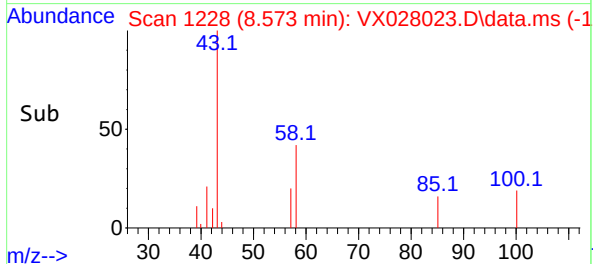
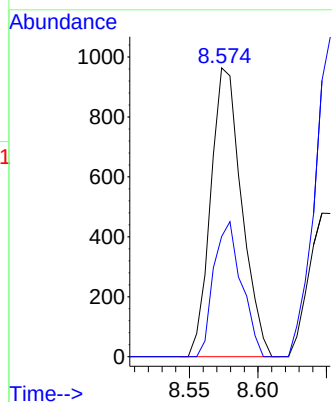
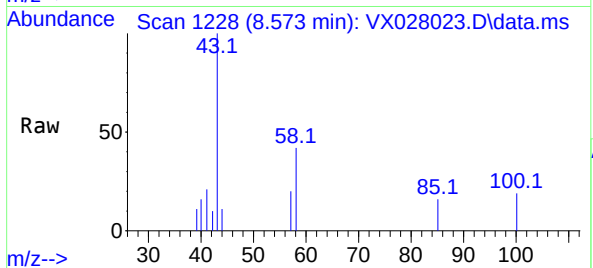




#51
4-Methyl-2-Pentanone
Concen: 0.802 ug/l
RT: 8.573 min Scan# 11
Delta R.T. -0.001 min
Lab File: VX028023.D
Acq: 08 Apr 2022 13:38

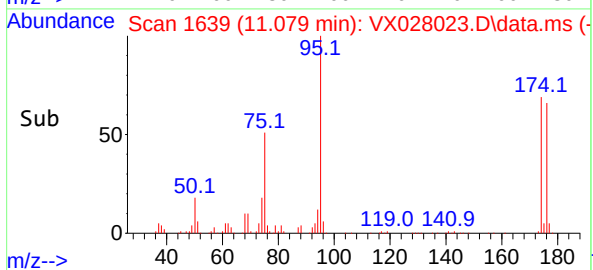
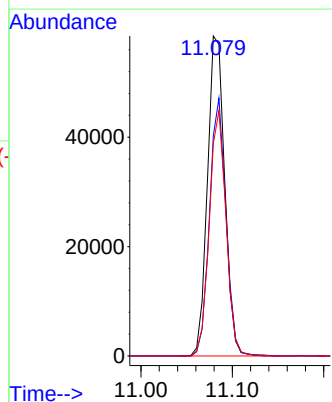
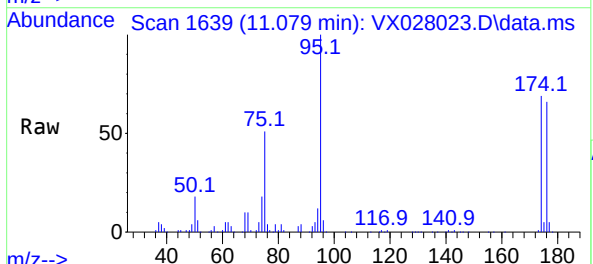
Instrument :
MSVOA_X
ClientSampleId :
MW-5

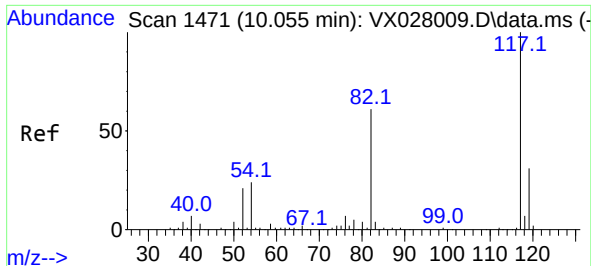
Tgt Ion: 43 Resp: 1517
Ion Ratio Lower Upper
43 100
58 41.9 36.1 54.1



#62
4-Bromofluorobenzene
Concen: 45.282 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX028023.D
Acq: 08 Apr 2022 13:38

Tgt Ion: 95 Resp: 76614
Ion Ratio Lower Upper
95 100
174 76.8 0.0 163.0
176 73.8 0.0 155.0

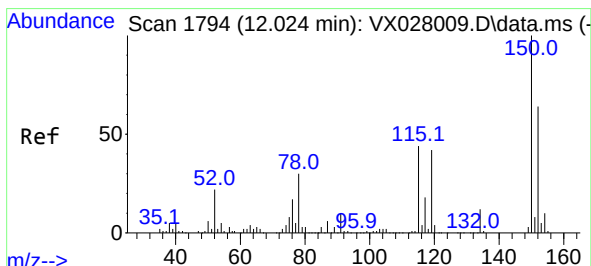
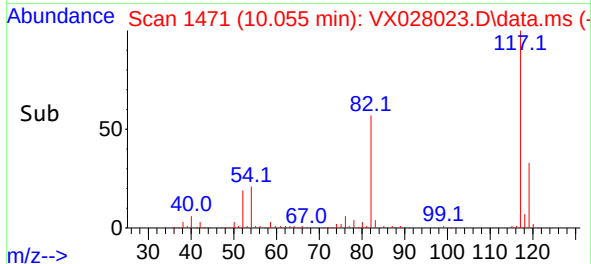
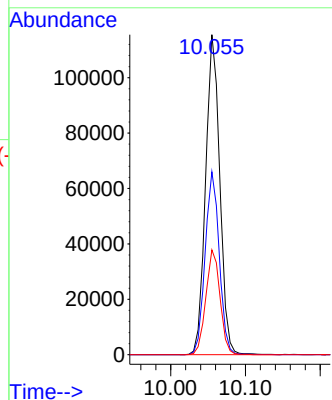
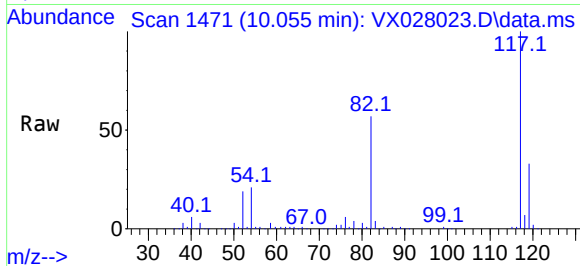




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX028023.D
Acq: 08 Apr 2022 13:38

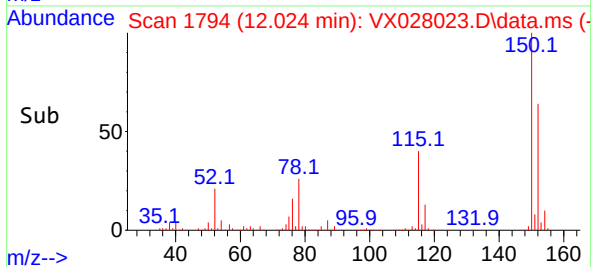
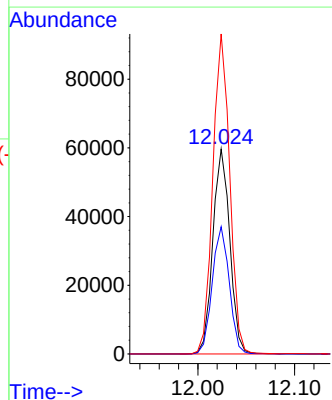
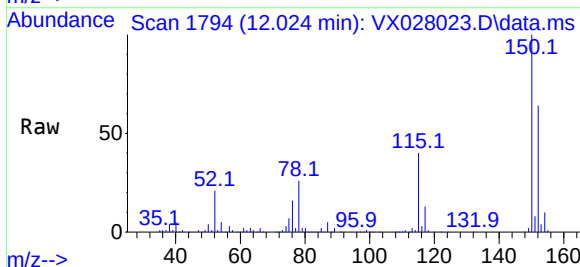
Instrument :
MSVOA_X
ClientSampleId :
MW-5

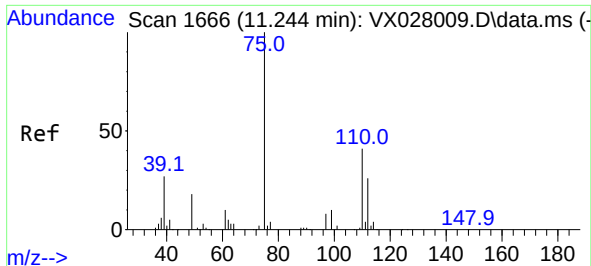
Tgt Ion:117 Resp: 152281
Ion Ratio Lower Upper
117 100
82 57.1 41.8 62.8
119 32.8 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028023.D
Acq: 08 Apr 2022 13:38

Tgt Ion:152 Resp: 72755
Ion Ratio Lower Upper
152 100
115 62.4 37.5 112.7
150 155.6 0.0 338.2

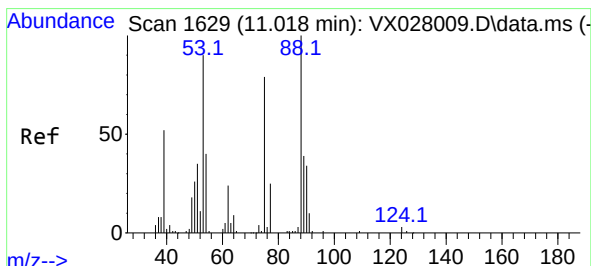
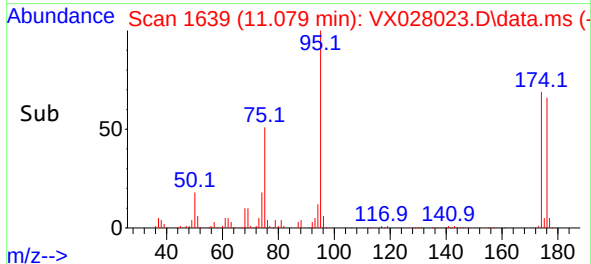
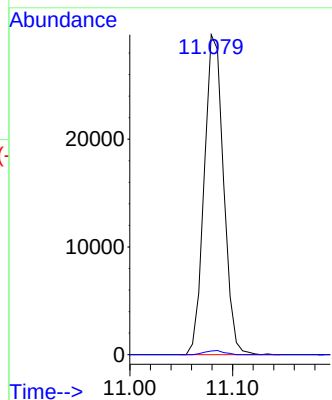
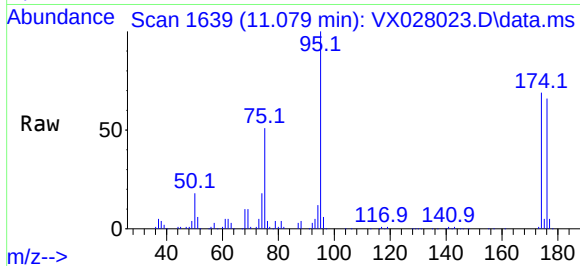




#76
1,2,3-Trichloropropane
Concen: 21.746 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX028023.D
Acq: 08 Apr 2022 13:38

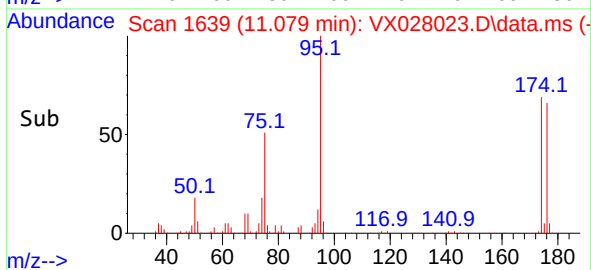
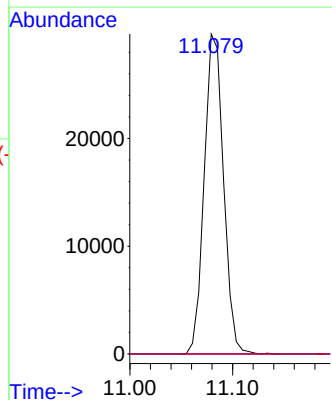
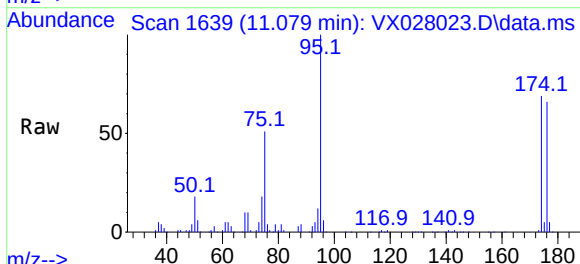
Instrument :
MSVOA_X
ClientSampleId :
MW-5

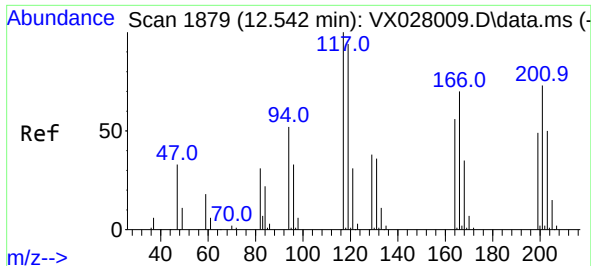
Tgt Ion: 75 Resp: 38809
Ion Ratio Lower Upper
75 100
77 1.3 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 68.258 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028023.D
Acq: 08 Apr 2022 13:38

Tgt Ion: 75 Resp: 38809
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#





#90

Hexachloroethane

Concen: 0.839 ug/l

RT: 12.701 min Scan# 1905

Delta R.T. 0.159 min

Lab File: VX028023.D

Acq: 08 Apr 2022 13:38

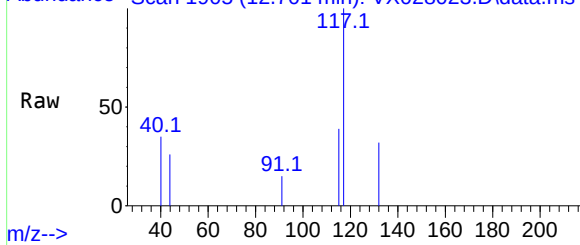
Instrument :

MSVOA_X

ClientSampleId :

MW-5

Abundance Scan 1905 (12.701 min): VX028023.D\data.ms (-



Tgt Ion:117 Resp: 603

Ion	Ratio	Lower	Upper
117	100		
201	0.0	39.5	118.5#

