

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051922\
 Data File : VX028833.D
 Acq On : 19 May 2022 18:16
 Operator : JC/MD
 Sample : N2943-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-15

Quant Time: May 20 01:49:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

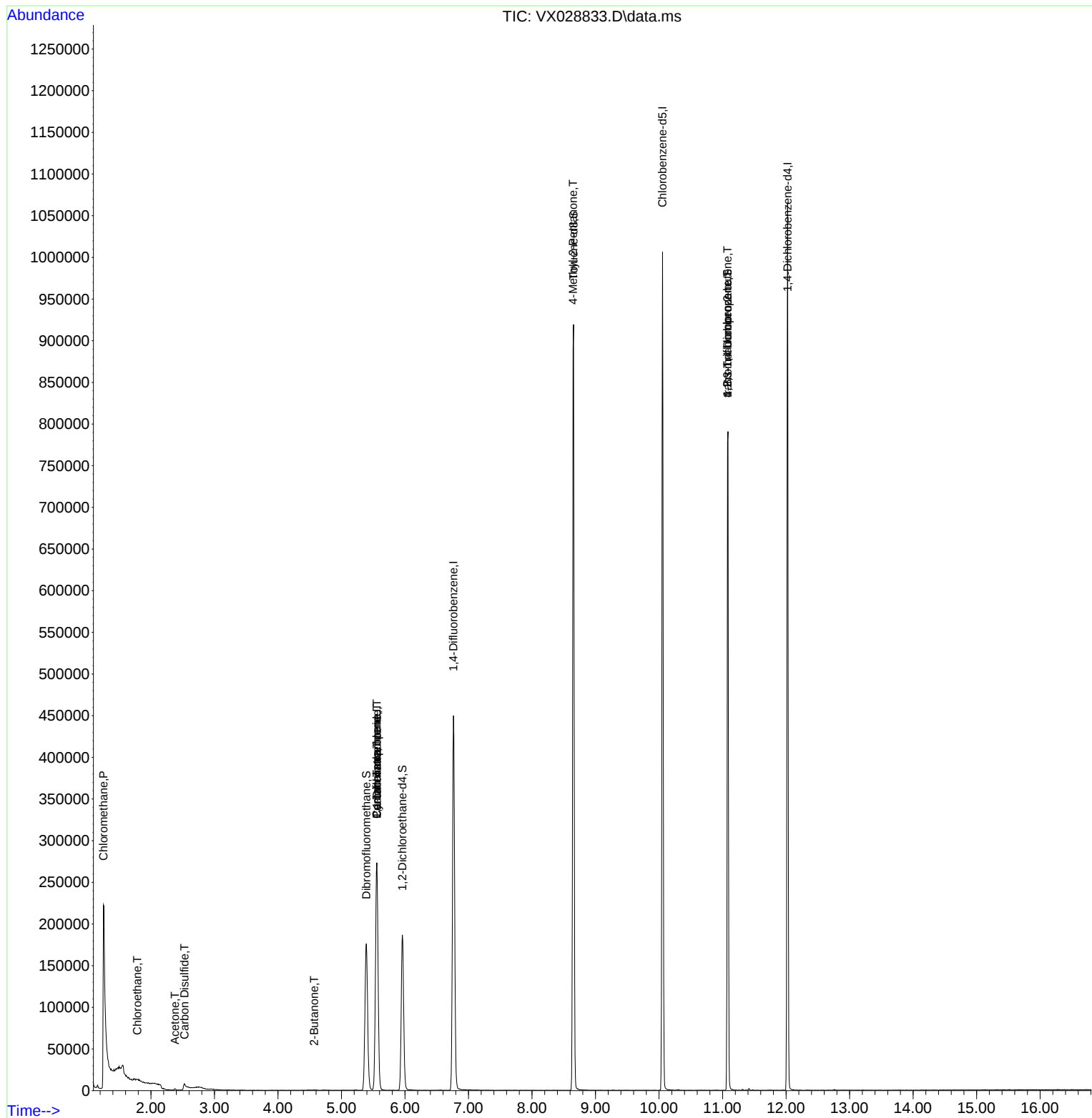
Internal Standards						
1) Pentafluorobenzene	5.556	168	253030	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	455175	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	441079	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	204817	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	177282	51.113	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 102.220%	
35) Dibromofluoromethane	5.391	113	151563	50.822	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 101.640%	
50) Toluene-d8	8.653	98	548529	48.786	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 97.580%	
62) 4-Bromofluorobenzene	11.079	95	207261	49.353	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 98.700%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.252	50	8114	2.600	ug/l #	42
5) Bromomethane	1.624	94	342	Below Cal	#	65
6) Chloroethane	1.782	64	14209	4.715	ug/l #	51
11) Tert butyl alcohol	2.959	59	435	Below Cal	#	72
16) Acetone	2.380	43	1636	1.099	ug/l	95
17) Carbon Disulfide	2.526	76	24450	3.602	ug/l	96
25) 2-Butanone	4.568	43	480	0.205	ug/l #	86
31) Cyclohexane	5.556	56	5939	1.234	ug/l #	23
36) 1,1-Dichloropropene	5.556	75	20197	4.509	ug/l #	50
38) Carbon Tetrachloride	5.556	117	26846	5.955	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	2582	0.536	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	113126	23.585	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	113126	68.782	ug/l #	15

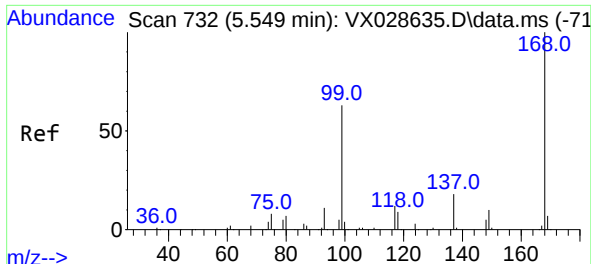
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 20 01:49:32 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
Quant Title : SW846 8260
QLast Update : Thu May 12 14:58:53 2022
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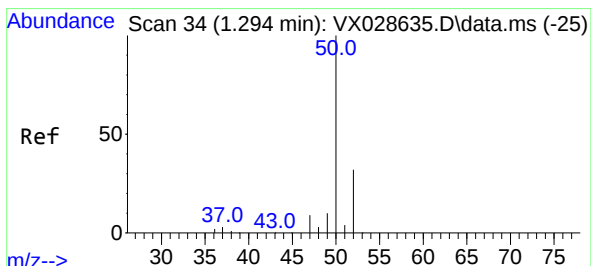
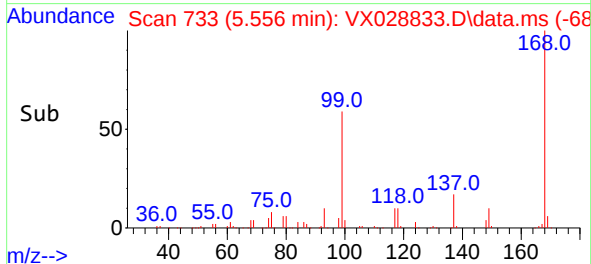
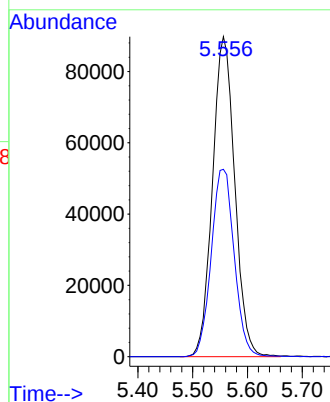
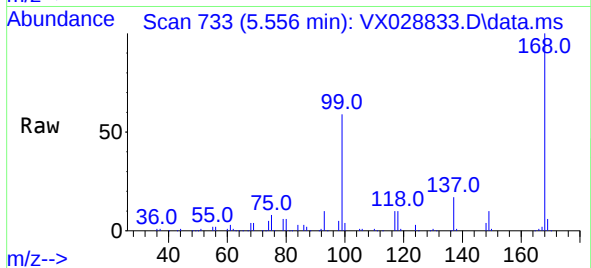




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028833.D
Acq: 19 May 2022 18:16

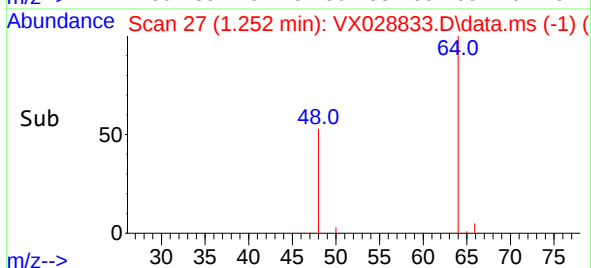
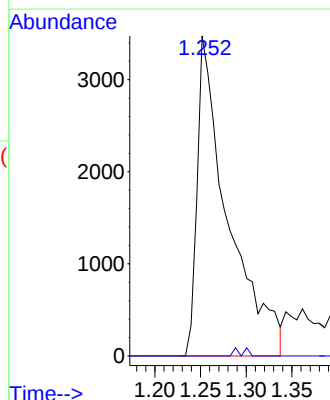
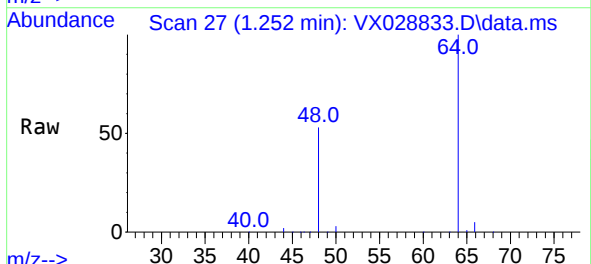
Instrument :
MSVOA_X
ClientSampleId :
MW-15

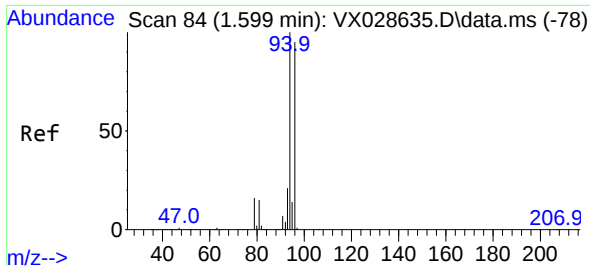
Tgt Ion:168 Resp: 253030
Ion Ratio Lower Upper
168 100
99 58.5 41.7 62.5



#3
Chloromethane
Concen: 2.600 ug/l
RT: 1.252 min Scan# 27
Delta R.T. -0.042 min
Lab File: VX028833.D
Acq: 19 May 2022 18:16

Tgt Ion: 50 Resp: 8114
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#

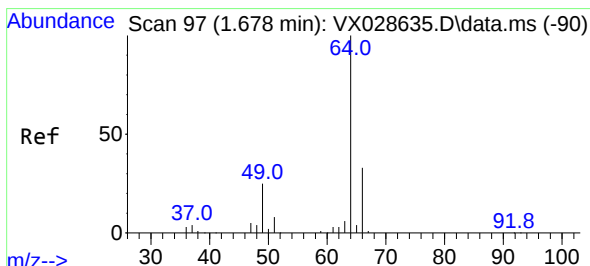
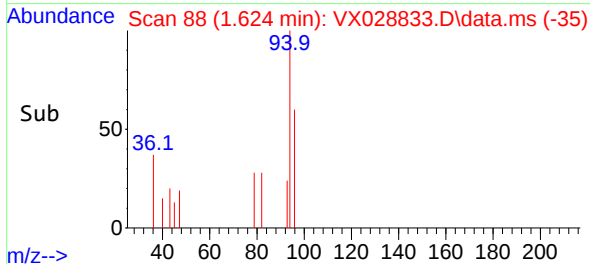
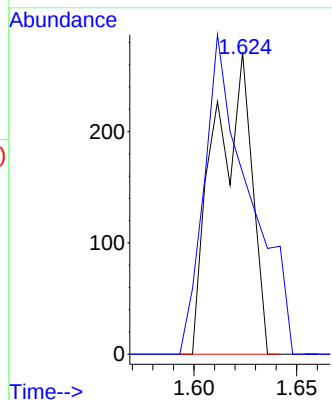
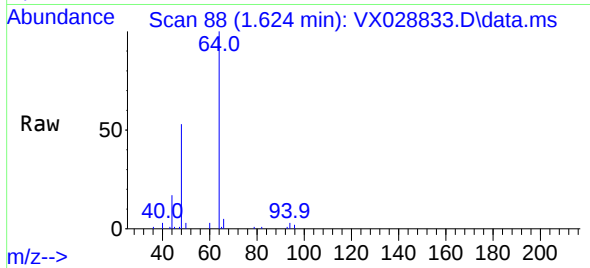




#5
Bromomethane
Concen: Below Cal
RT: 1.624 min Scan# 81
Delta R.T. 0.025 min
Lab File: VX028833.D
Acq: 19 May 2022 18:16

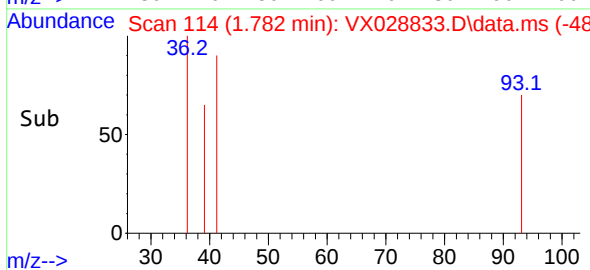
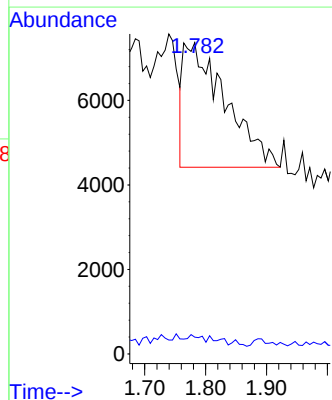
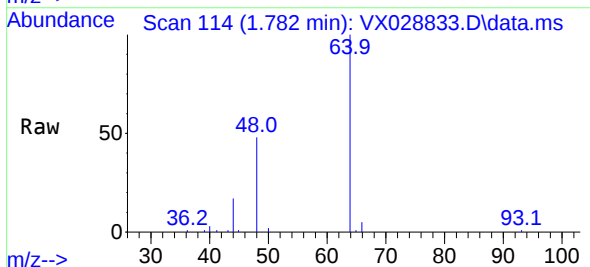
Instrument :
MSVOA_X
ClientSampleId :
MW-15

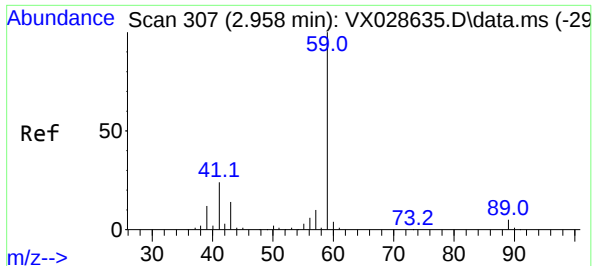
Tgt Ion: 94 Resp: 342
Ion Ratio Lower Upper
94 100
96 60.1 75.3 112.9#



#6
Chloroethane
Concen: 4.715 ug/l
RT: 1.782 min Scan# 114
Delta R.T. 0.104 min
Lab File: VX028833.D
Acq: 19 May 2022 18:16

Tgt Ion: 64 Resp: 14209
Ion Ratio Lower Upper
64 100
66 4.2 25.3 37.9#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.959 min Scan# 307

Delta R.T. 0.001 min

Lab File: VX028833.D

Acq: 19 May 2022 18:16

Instrument :

MSVOA_X

ClientSampleId :

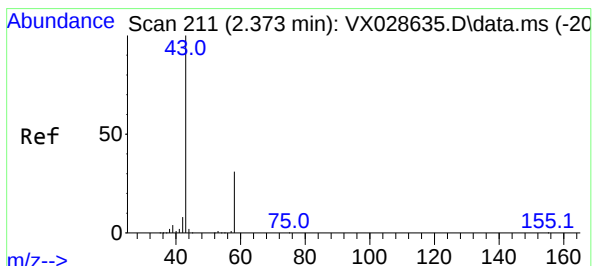
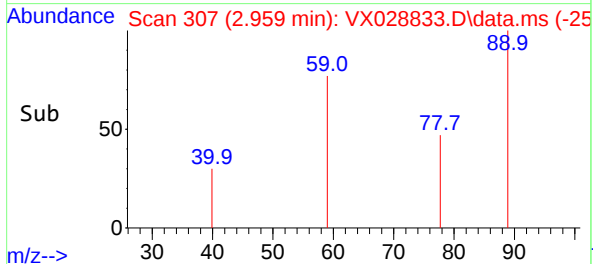
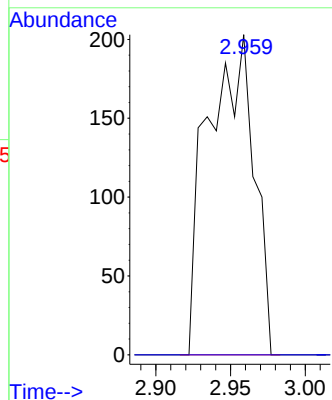
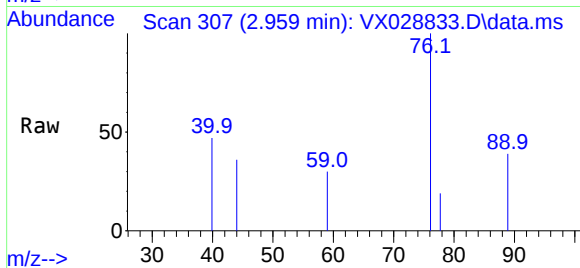
MW-15

Tgt Ion: 59 Resp: 435

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#16

Acetone

Concen: 1.099 ug/l

RT: 2.380 min Scan# 212

Delta R.T. 0.007 min

Lab File: VX028833.D

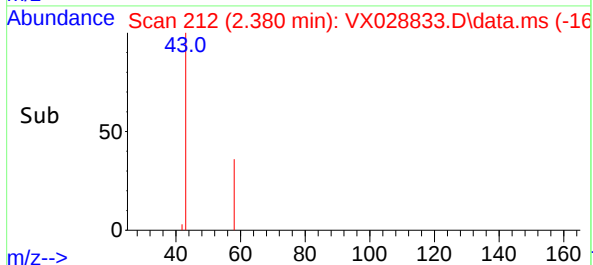
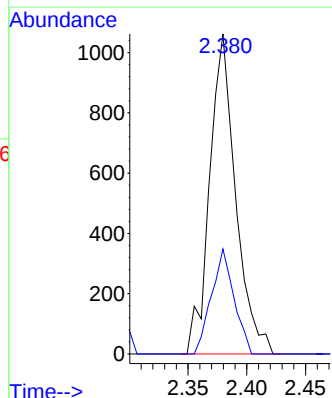
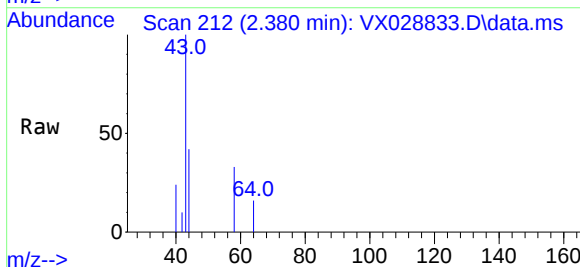
Acq: 19 May 2022 18:16

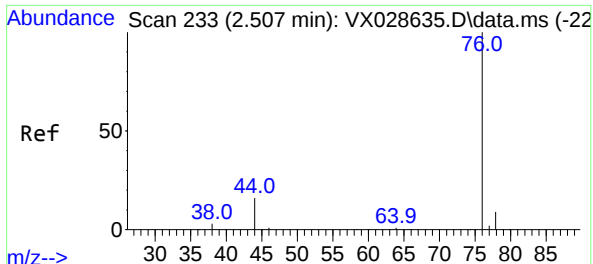
Tgt Ion: 43 Resp: 1636

Ion Ratio Lower Upper

43 100

58 32.8 28.8 43.2

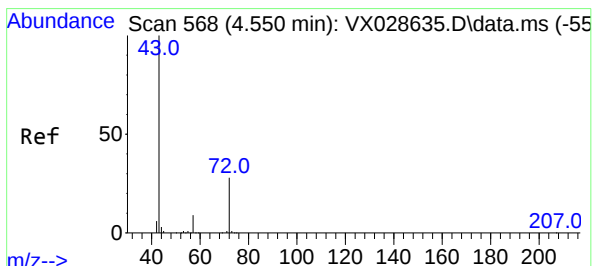
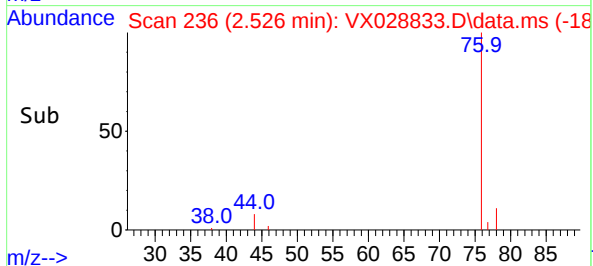
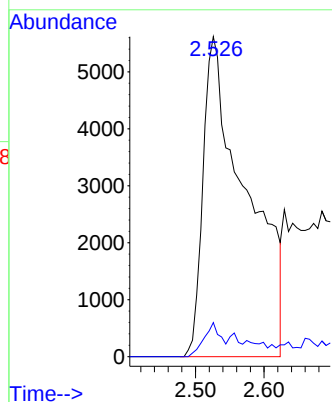
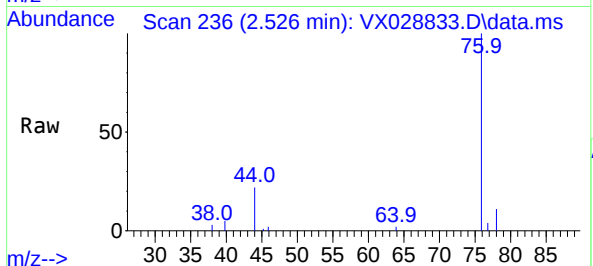




#17
Carbon Disulfide
Concen: 3.602 ug/l
RT: 2.526 min Scan# 211
Delta R.T. 0.019 min
Lab File: VX028833.D
Acq: 19 May 2022 18:16

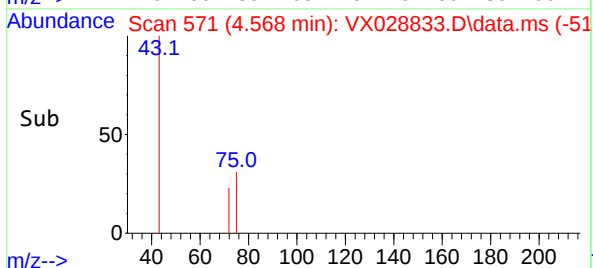
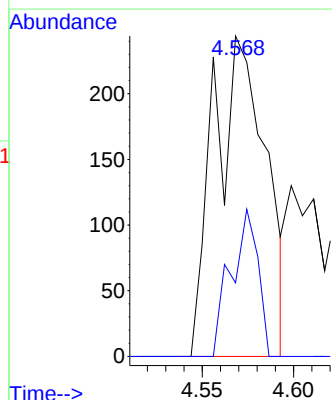
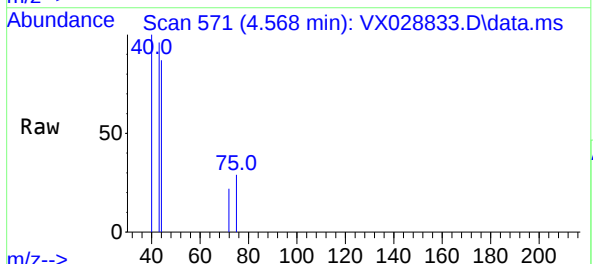
Instrument :
MSVOA_X
ClientSampleId :
MW-15

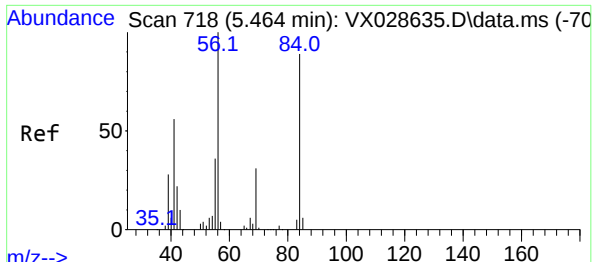
Tgt Ion: 76 Resp: 24450
Ion Ratio Lower Upper
76 100
78 10.6 7.2 10.8



#25
2-Butanone
Concen: 0.205 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.018 min
Lab File: VX028833.D
Acq: 19 May 2022 18:16

Tgt Ion: 43 Resp: 480
Ion Ratio Lower Upper
43 100
72 23.0 24.4 36.6#

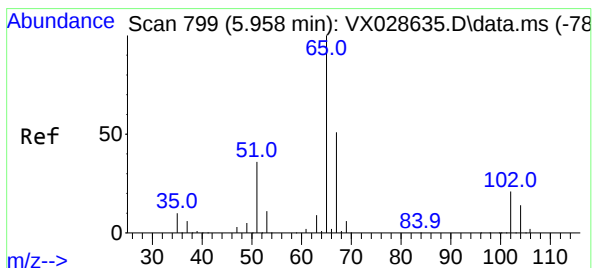
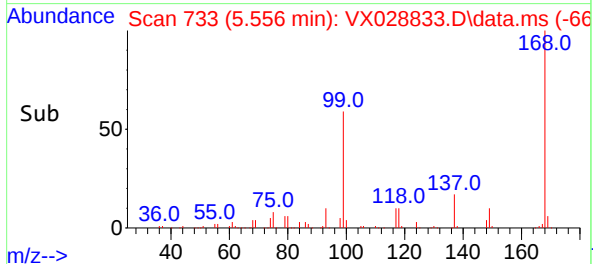
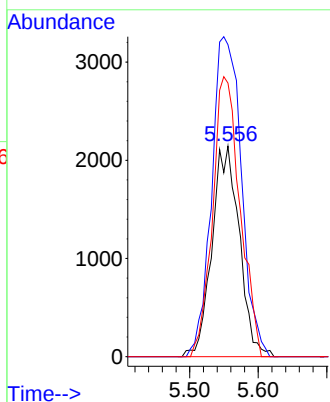
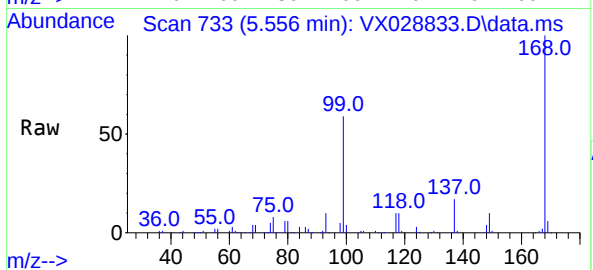




#31
Cyclohexane
Concen: 1.234 ug/l
RT: 5.556 min Scan# 718
Delta R.T. 0.092 min
Lab File: VX028833.D
Acq: 19 May 2022 18:16

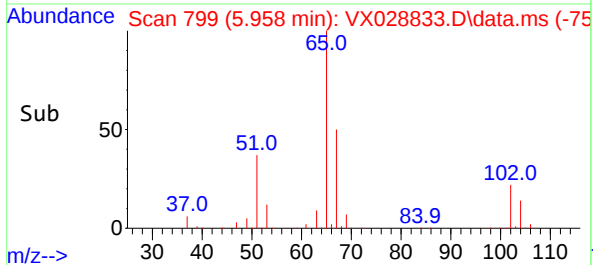
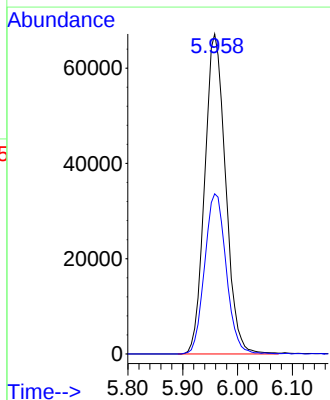
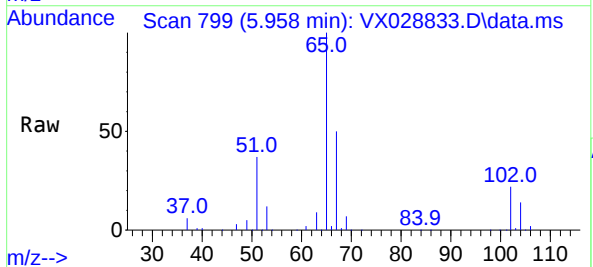
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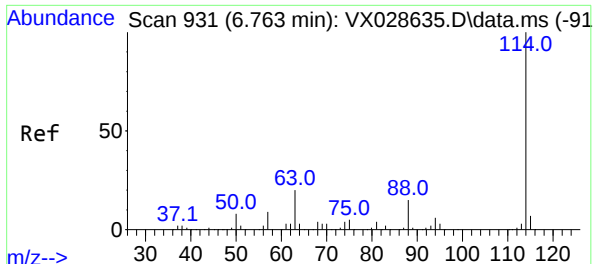
Tgt Ion: 56 Resp: 5939
Ion Ratio Lower Upper
56 100
69 148.2 26.7 40.1#
84 129.9 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 51.113 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028833.D
Acq: 19 May 2022 18:16

Tgt Ion: 65 Resp: 177282
Ion Ratio Lower Upper
65 100
67 51.7 0.0 107.4

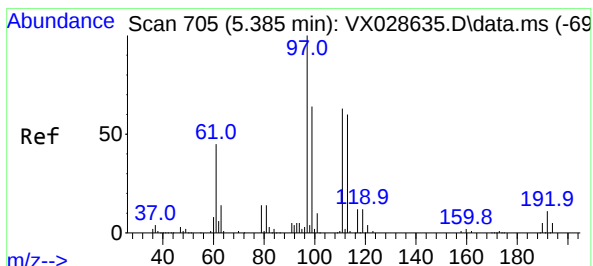
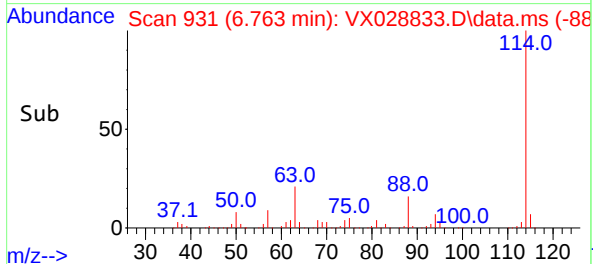
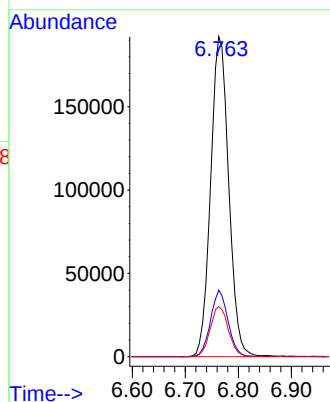
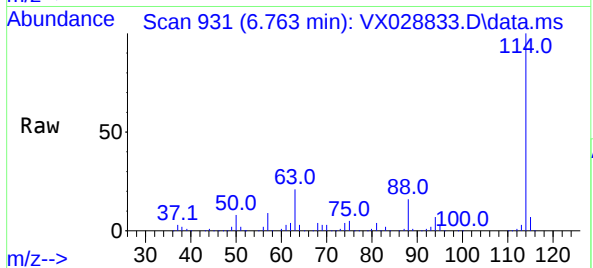




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX028833.D
Acq: 19 May 2022 18:16

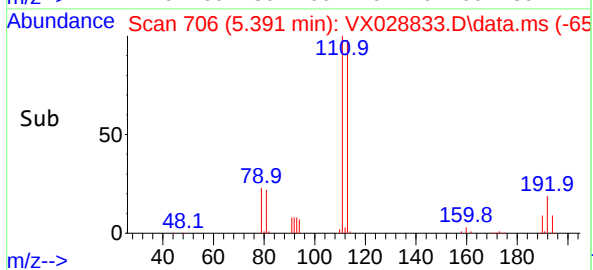
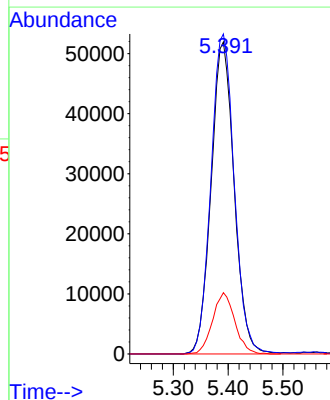
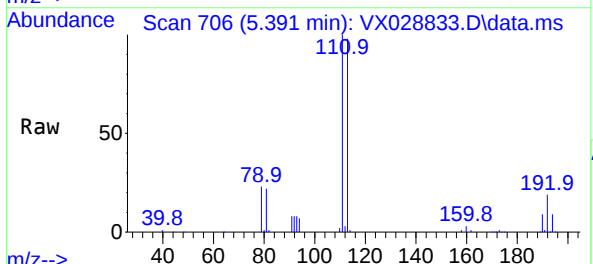
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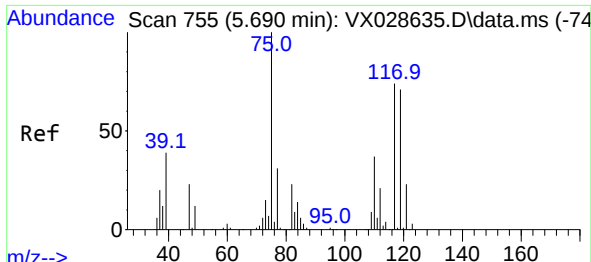
Tgt Ion:114 Resp: 455175
Ion Ratio Lower Upper
114 100
63 20.8 0.0 36.8
88 15.6 0.0 32.4



#35
Dibromofluoromethane
Concen: 50.822 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX028833.D
Acq: 19 May 2022 18:16

Tgt Ion:113 Resp: 151563
Ion Ratio Lower Upper
113 100
111 103.6 82.8 124.2
192 19.0 16.9 25.3

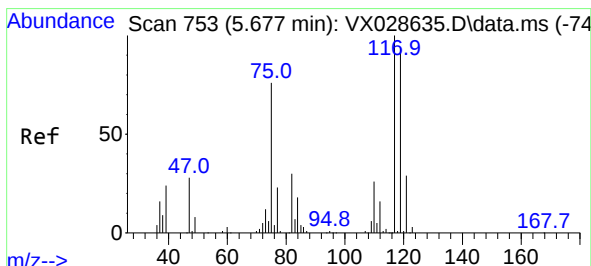
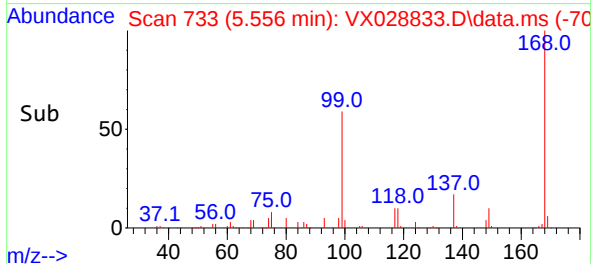
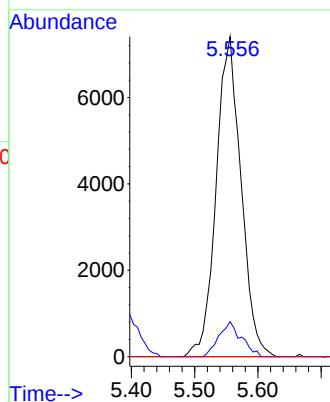
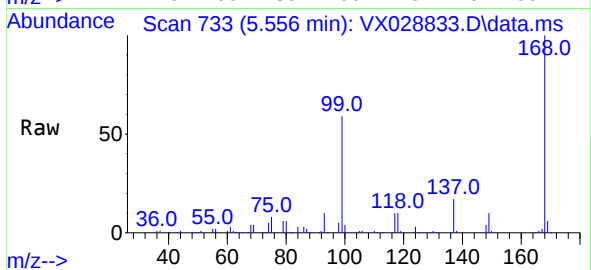




#36
1,1-Dichloropropene
Concen: 4.509 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.134 min
Lab File: VX028833.D
Acq: 19 May 2022 18:16

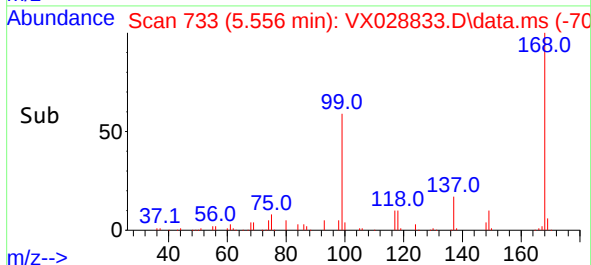
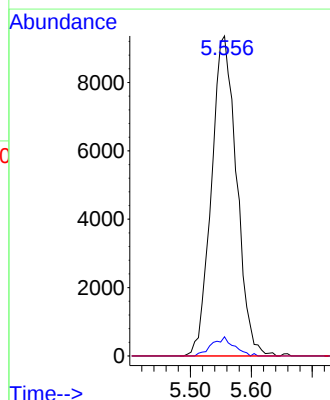
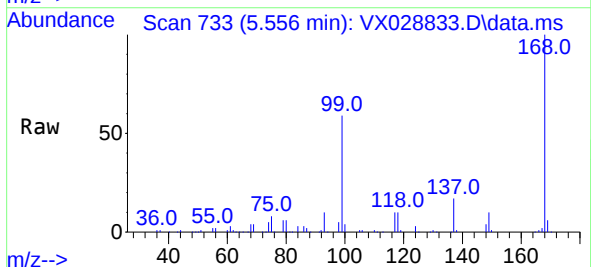
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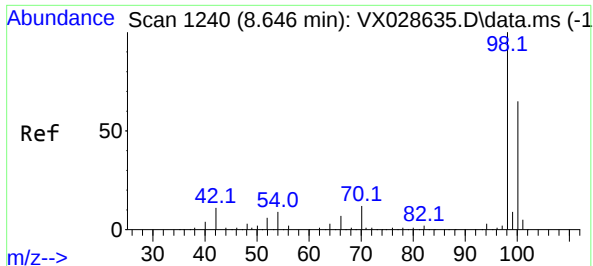
Tgt Ion: 75 Resp: 20197
Ion Ratio Lower Upper
75 100
110 9.9 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.955 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.121 min
Lab File: VX028833.D
Acq: 19 May 2022 18:16

Tgt Ion: 117 Resp: 26846
Ion Ratio Lower Upper
117 100
119 6.0 77.3 115.9#
121 0.0 24.2 36.2#

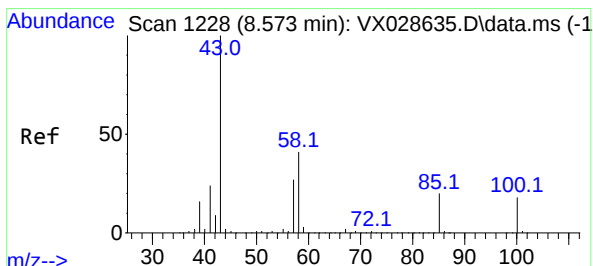
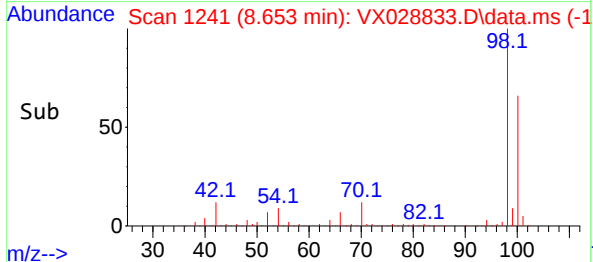
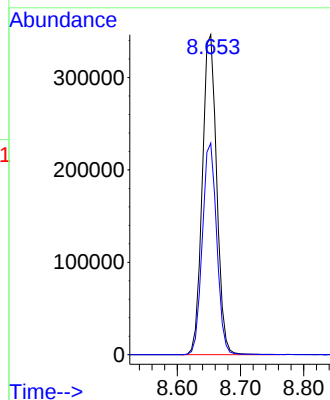
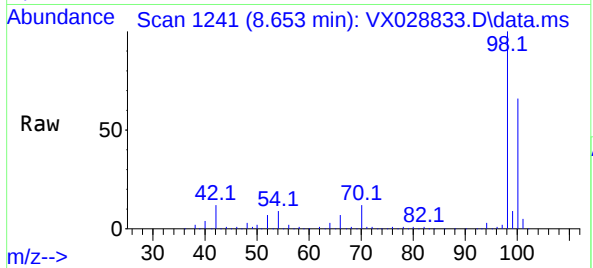




#50
Toluene-d8
Concen: 48.786 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.007 min
Lab File: VX028833.D
Acq: 19 May 2022 18:16

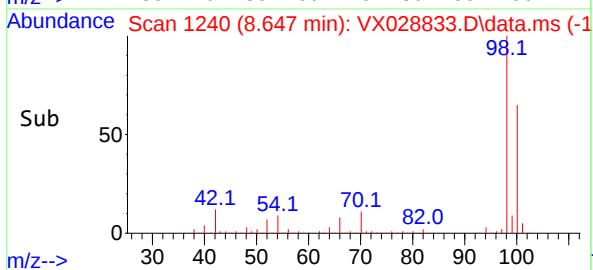
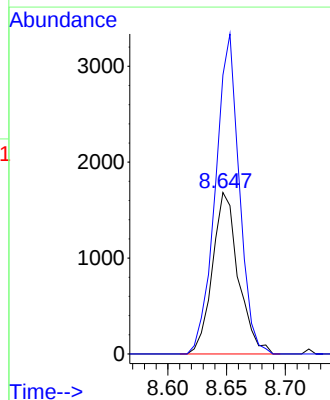
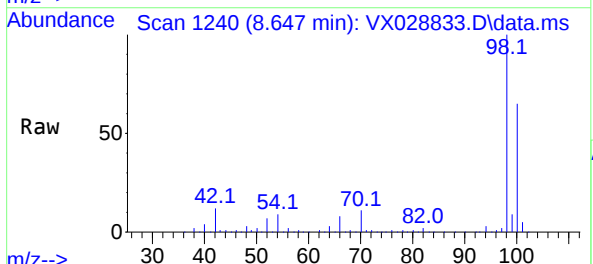
Instrument :
MSVOA_X
ClientSampleId :
MW-15

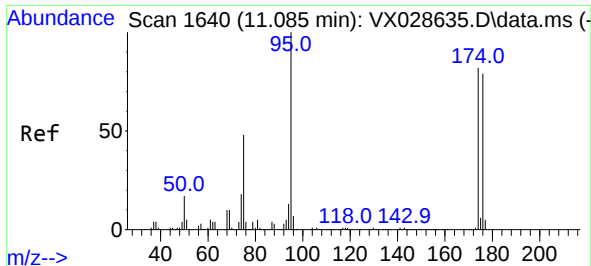
Tgt Ion: 98 Resp: 548529
Ion Ratio Lower Upper
98 100
100 66.2 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.536 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.074 min
Lab File: VX028833.D
Acq: 19 May 2022 18:16

Tgt Ion: 43 Resp: 2582
Ion Ratio Lower Upper
43 100
58 182.6 36.1 54.1#

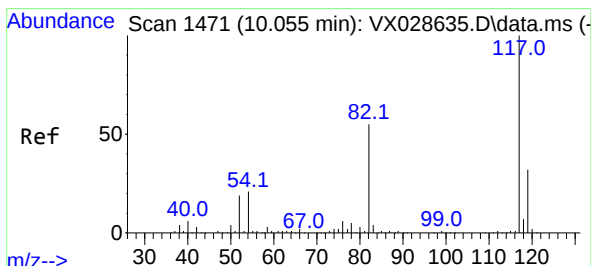
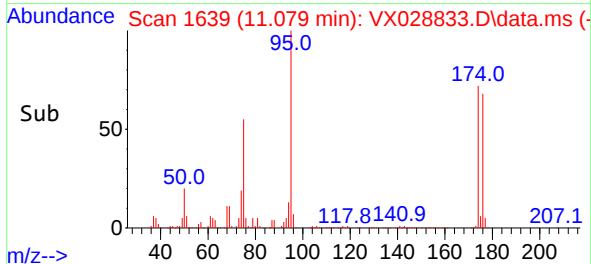
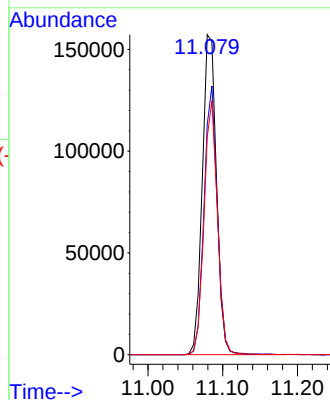
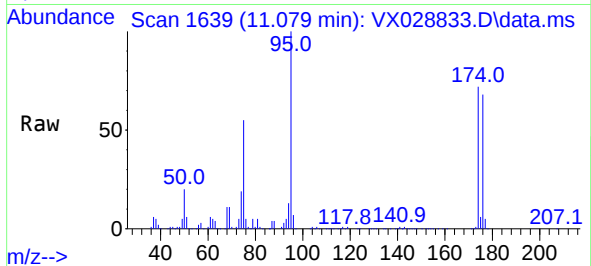




#62
4-Bromofluorobenzene
Concen: 49.353 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028833.D
Acq: 19 May 2022 18:16

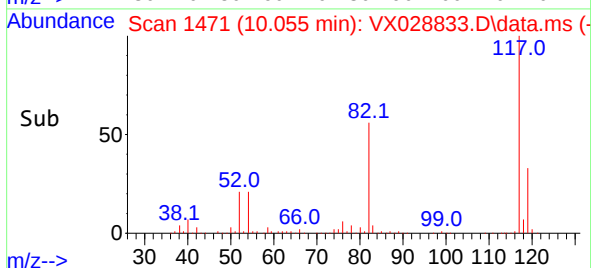
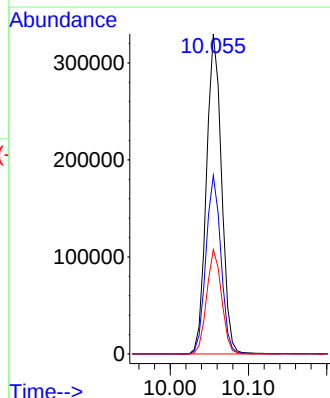
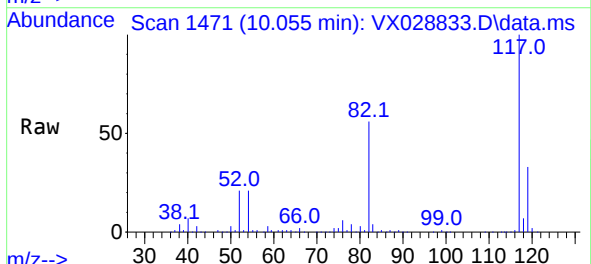
Instrument :
MSVOA_X
ClientSampleId :
MW-15

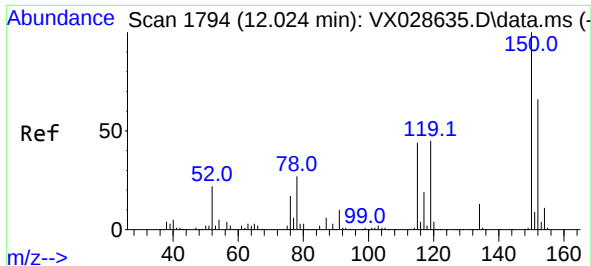
Tgt Ion: 95 Resp: 207261
Ion Ratio Lower Upper
95 100
174 78.3 0.0 163.0
176 74.7 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028833.D
Acq: 19 May 2022 18:16

Tgt Ion: 117 Resp: 441079
Ion Ratio Lower Upper
117 100
82 55.7 41.8 62.8
119 32.6 24.8 37.2

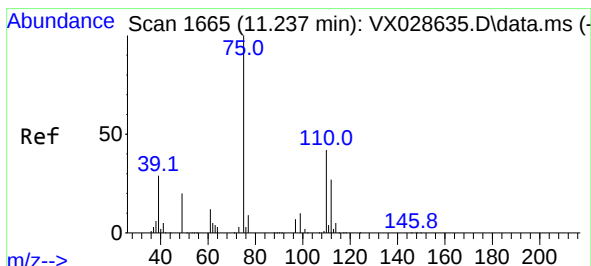
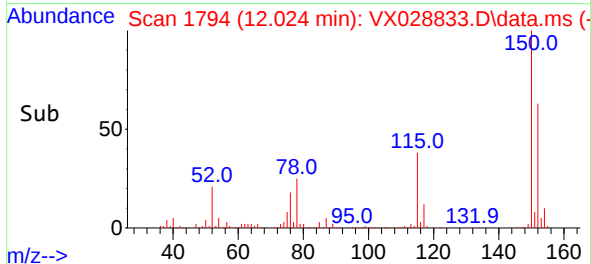
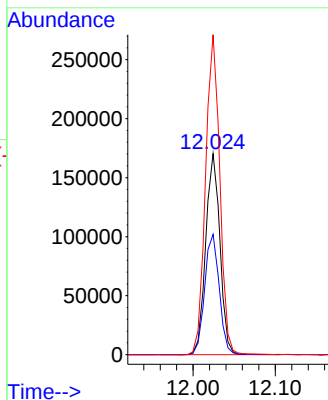
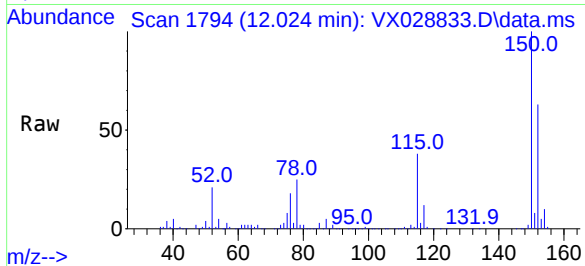




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028833.D
Acq: 19 May 2022 18:16

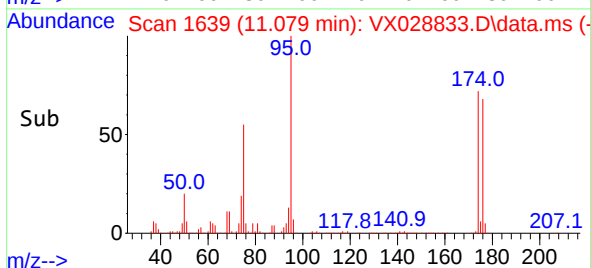
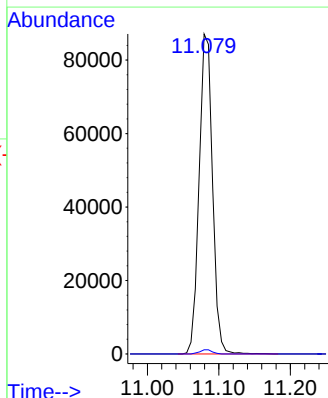
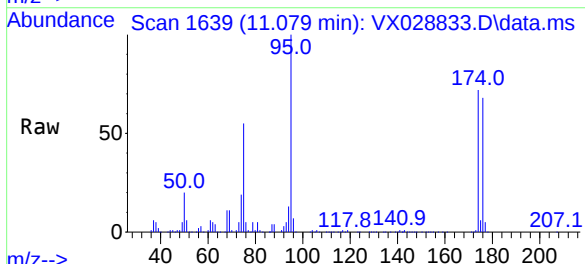
Instrument :
MSVOA_X
ClientSampleId :
MW-15

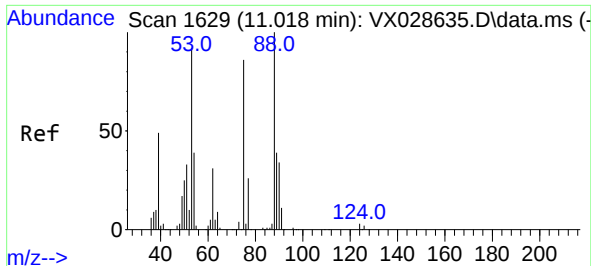
Tgt Ion:152 Resp: 204817
Ion Ratio Lower Upper
152 100
115 61.5 37.5 112.7
150 159.7 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 23.585 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX028833.D
Acq: 19 May 2022 18:16

Tgt Ion: 75 Resp: 113126
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 68.782 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX028833.D
 Acq: 19 May 2022 18:16

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-15

Tgt Ion: 75 Resp: 113126
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

