

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082622\
 Data File : VX030819.D
 Acq On : 26 Aug 2022 13:05
 Operator : JC/MD
 Sample : N4262-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK

Quant Time: Aug 27 02:38:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 26 02:03:28 2022
 Response via : Initial Calibration

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

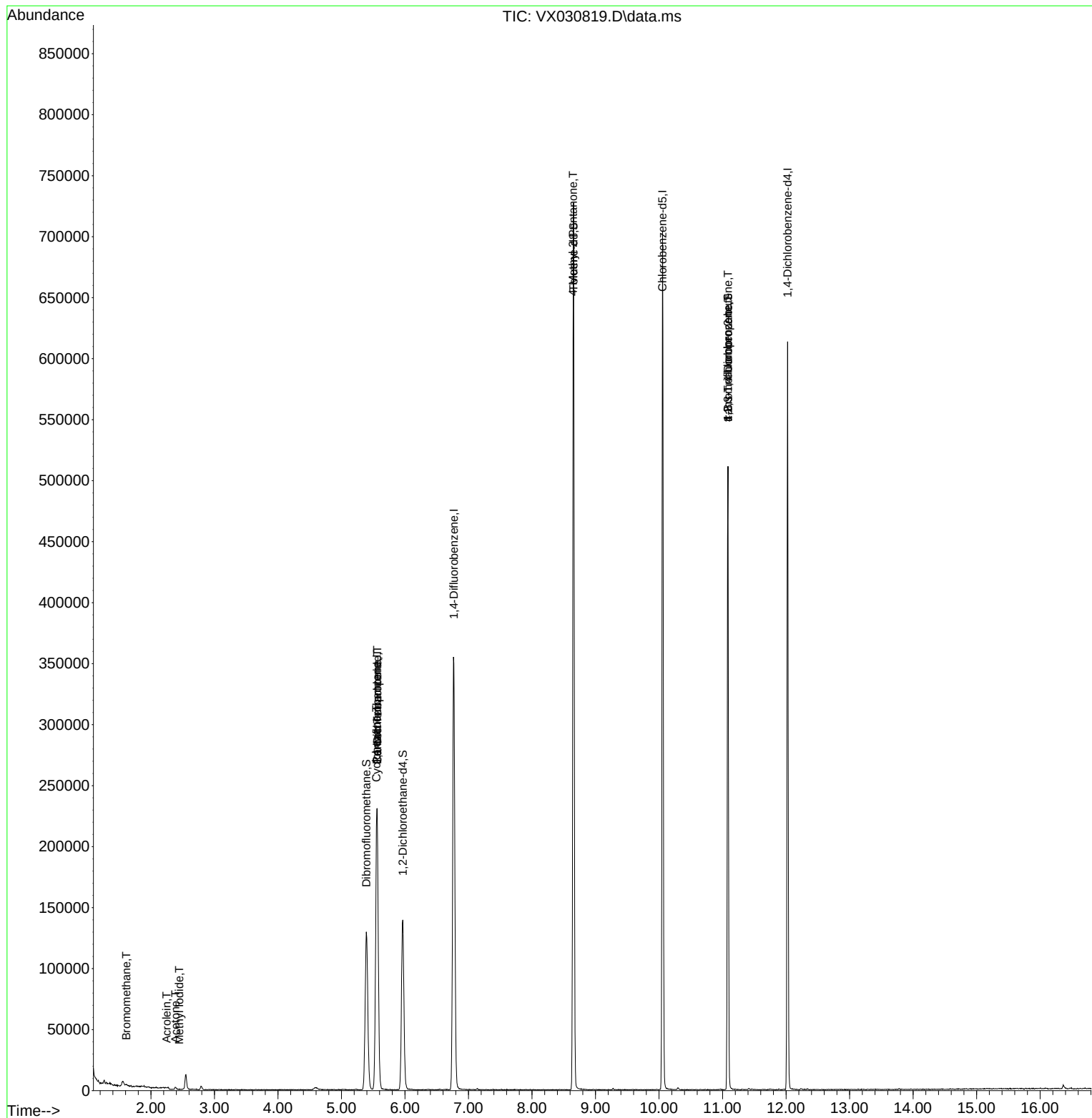
Internal Standards						
1) Pentafluorobenzene	5.556	168	223396	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	371596	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	320974	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	124520	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	136817	52.067	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.140%	
35) Dibromofluoromethane	5.391	113	116177	50.871	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.740%	
50) Toluene-d8	8.653	98	433930	54.526	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 109.060%	
62) 4-Bromofluorobenzene	11.085	95	136433	46.048	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 92.100%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	489	Below Cal	#	75
4) Vinyl Chloride	1.532	62	26	Below Cal	#	29
5) Bromomethane	1.611	94	344	0.330	ug/l	86
6) Chloroethane	1.721	64	28	Below Cal	#	41
10) Methyl Iodide	2.447	142	284	4.173	ug/l	# 62
13) Acrolein	2.245	56	25	10.100	ug/l	# 1
16) Acetone	2.386	43	1941	1.598	ug/l	# 80
17) Carbon Disulfide	2.514	76	725	Below Cal	#	74
20) Methylene Chloride	2.788	84	1290	Below Cal	#	80
31) Cyclohexane	5.550	56	4274	1.272	ug/l	# 1
36) 1,1-Dichloropropene	5.562	75	16600	5.338	ug/l	# 51
38) Carbon Tetrachloride	5.562	117	22673	6.912	ug/l	# 18
51) 4-Methyl-2-Pentanone	8.647	43	1812	0.484	ug/l	# 1
76) 1,2,3-Trichloropropane	11.085	75	67880	24.882	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.085	75	67880	80.280	ug/l	# 13

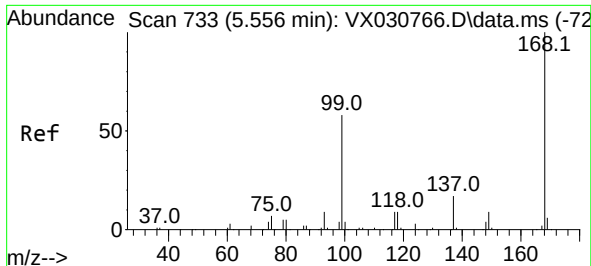
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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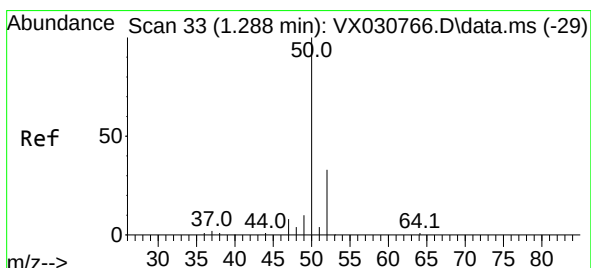
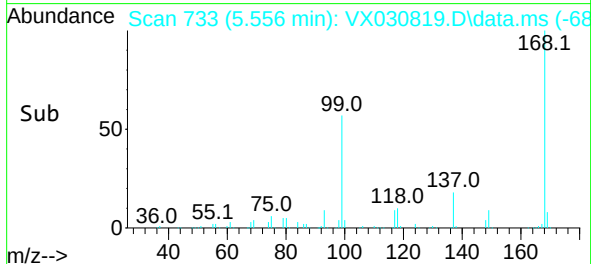
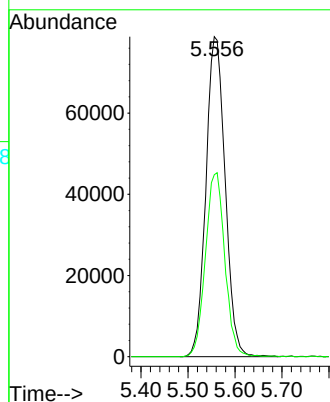
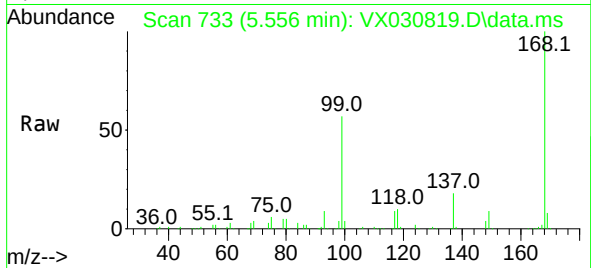




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX030819.D
Acq: 26 Aug 2022 13:05

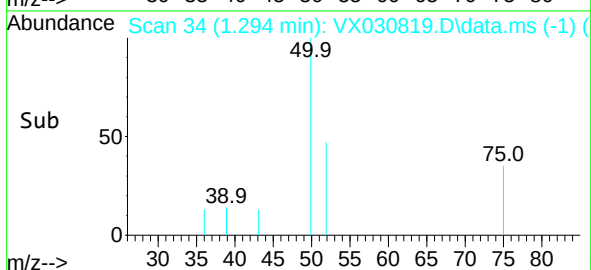
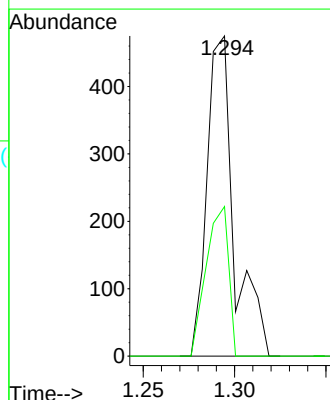
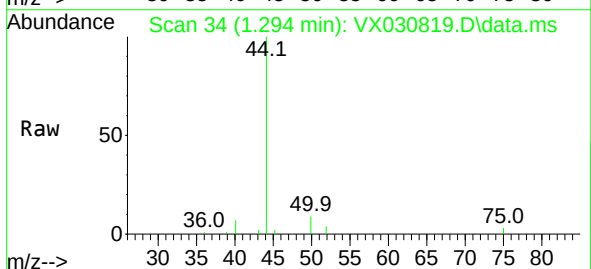
Instrument :
MSVOA_X
ClientSampleId :
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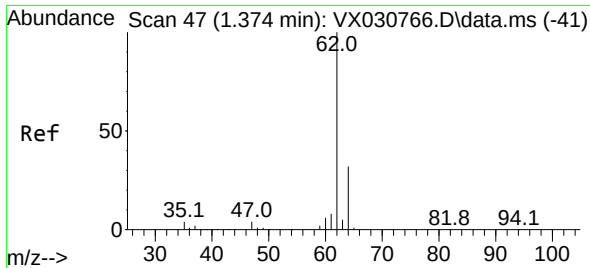
Tgt Ion:168 Resp: 223396
Ion Ratio Lower Upper
168 100
99 56.8 44.0 66.0



#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX030819.D
Acq: 26 Aug 2022 13:05

Tgt Ion: 50 Resp: 489
Ion Ratio Lower Upper
50 100
52 46.7 26.3 39.5

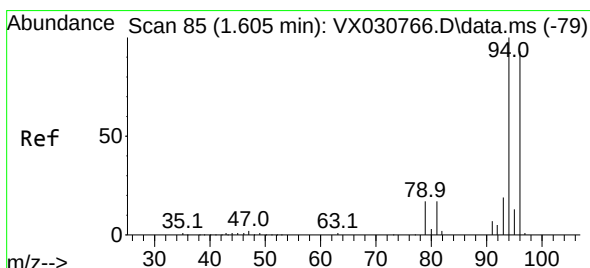
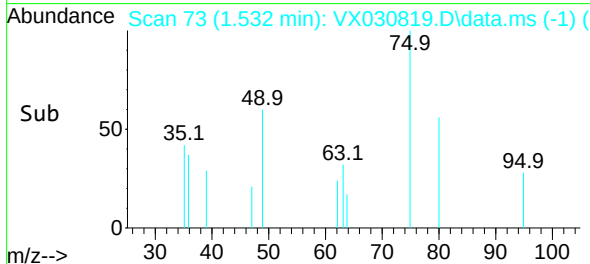
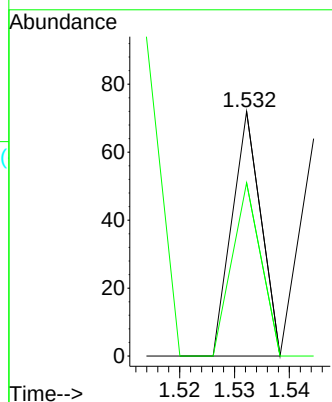
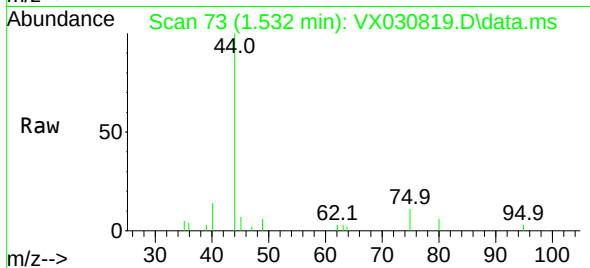




#4
 Vinyl Chloride
 Concen: Below Cal
 RT: 1.532 min Scan# 71
 Delta R.T. 0.158 min
 Lab File: VX030819.D
 Acq: 26 Aug 2022 13:05

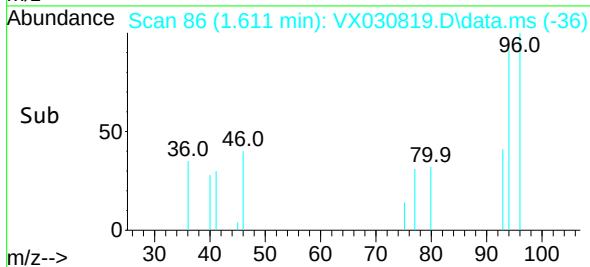
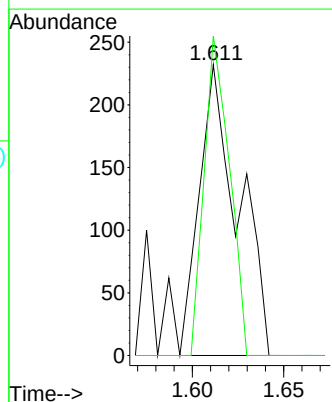
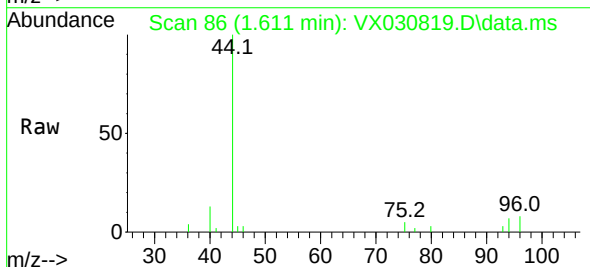
Instrument :
 MSVOA_X
 ClientSampleId :
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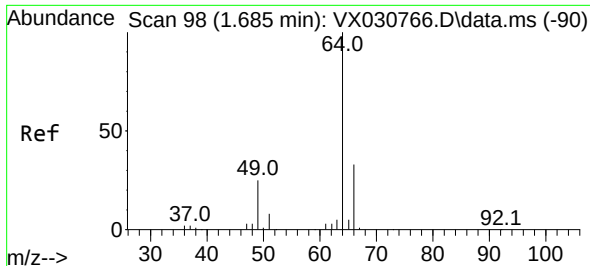
Tgt Ion: 62 Resp: 26
 Ion Ratio Lower Upper
 62 100
 64 70.8 25.2 37.8#



#5
 Bromomethane
 Concen: 0.330 ug/l
 RT: 1.611 min Scan# 86
 Delta R.T. 0.006 min
 Lab File: VX030819.D
 Acq: 26 Aug 2022 13:05

Tgt Ion: 94 Resp: 344
 Ion Ratio Lower Upper
 94 100
 96 109.9 76.9 115.3

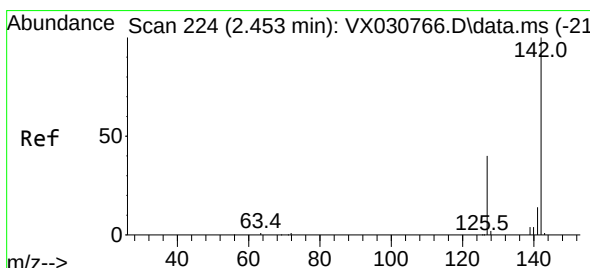
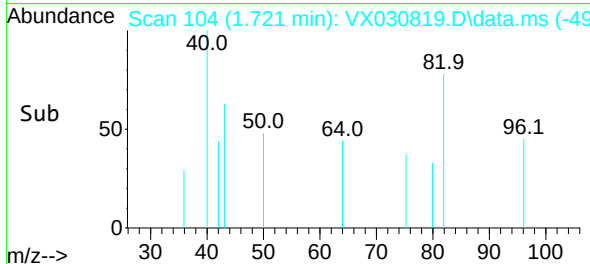
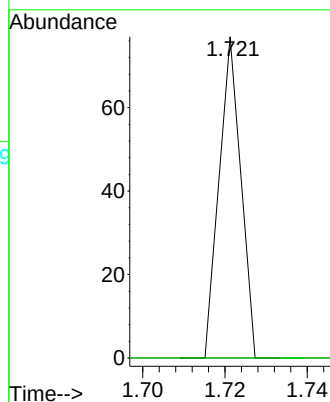
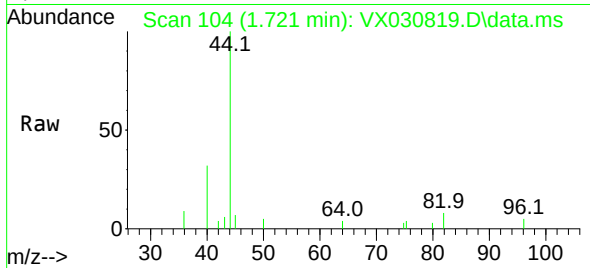




#6
Chloroethane
Concen: Below Cal
RT: 1.721 min Scan# 104
Delta R.T. 0.036 min
Lab File: VX030819.D
Acq: 26 Aug 2022 13:05

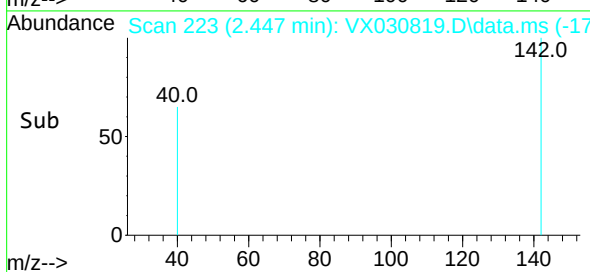
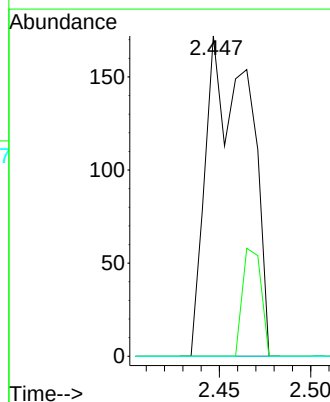
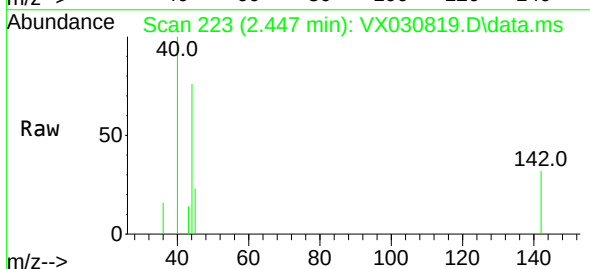
Instrument :
MSVOA_X
ClientSampleId :
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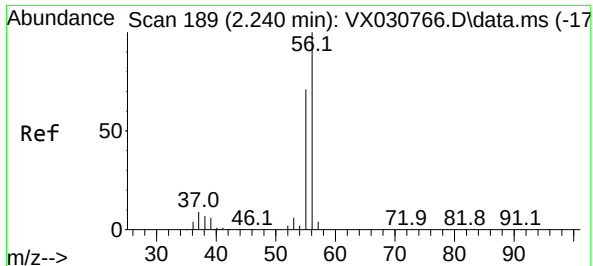
Tgt Ion: 64 Resp: 28
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#



#10
Methyl Iodide
Concen: 4.173 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.006 min
Lab File: VX030819.D
Acq: 26 Aug 2022 13:05

Tgt Ion: 142 Resp: 284
Ion Ratio Lower Upper
142 100
127 14.4 30.2 45.2#
141 0.0 11.3 16.9#

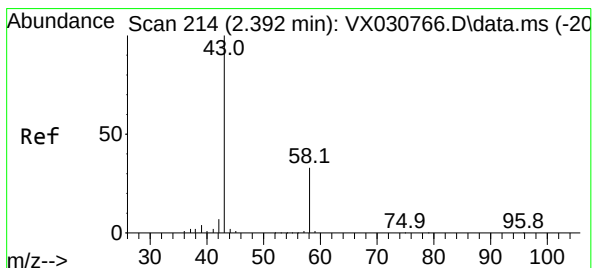
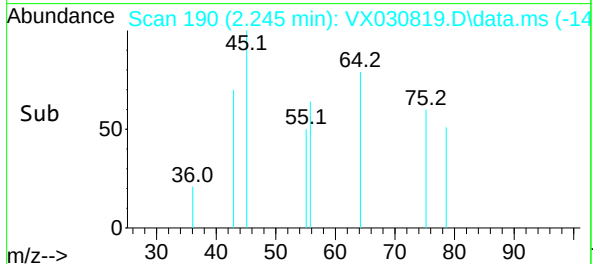
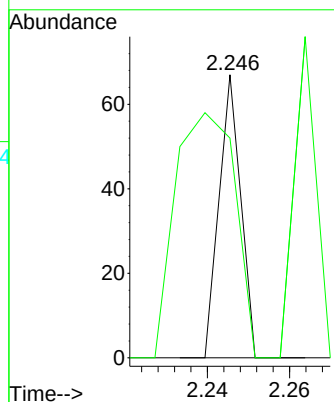
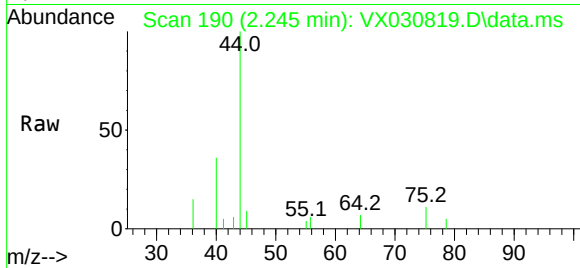




#13
Acrolein
Concen: 10.100 ug/l
RT: 2.245 min Scan# 11
Delta R.T. 0.005 min
Lab File: VX030819.D
Acq: 26 Aug 2022 13:05

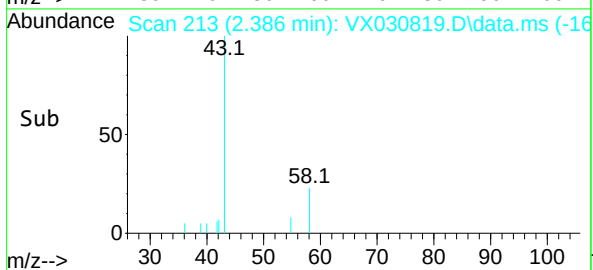
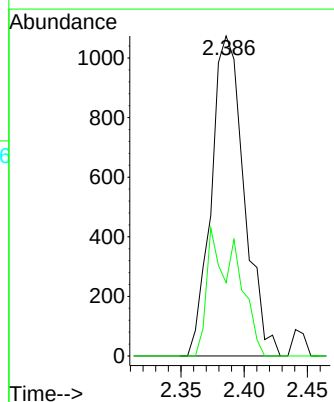
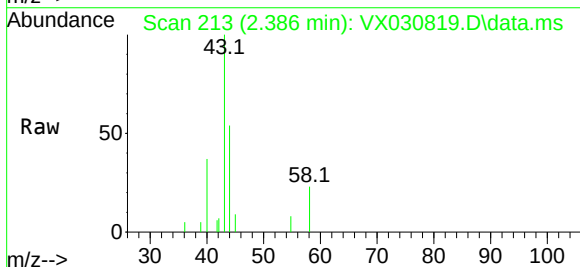
Instrument :
MSVOA_X
ClientSampleId :
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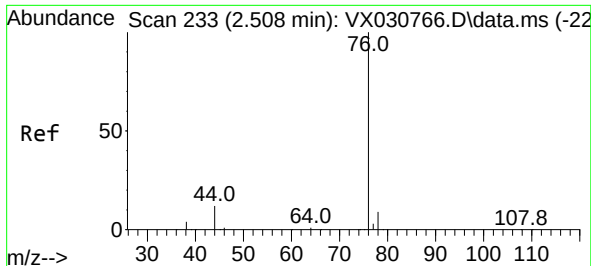
Tgt Ion: 56 Resp: 25
Ion Ratio Lower Upper
56 100
55 236.0 56.6 84.8#



#16
Acetone
Concen: 1.598 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX030819.D
Acq: 26 Aug 2022 13:05

Tgt Ion: 43 Resp: 1941
Ion Ratio Lower Upper
43 100
58 22.9 27.7 41.5#

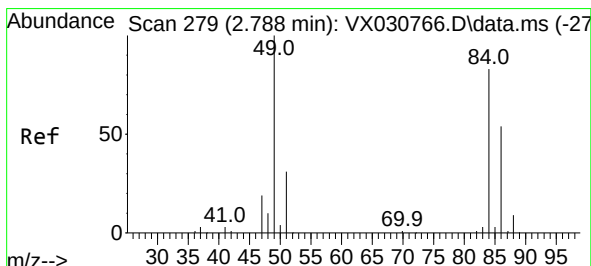
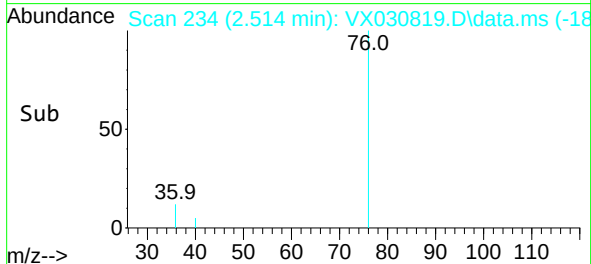
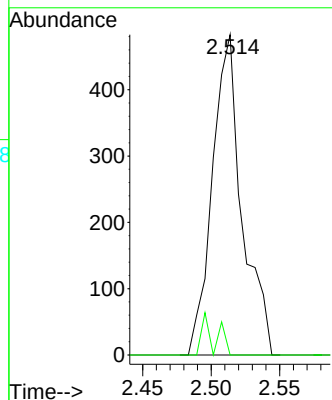
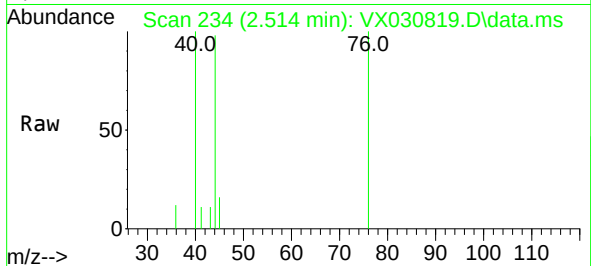




#17
Carbon Disulfide
Concen: Below Cal
RT: 2.514 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX030819.D
Acq: 26 Aug 2022 13:05

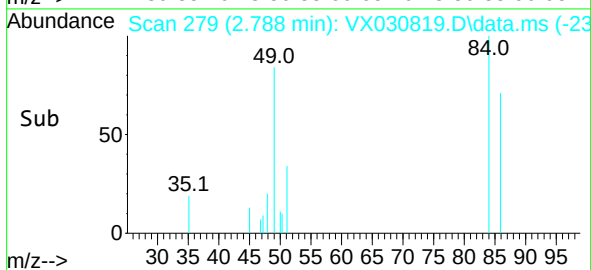
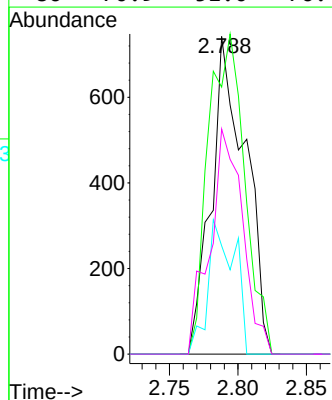
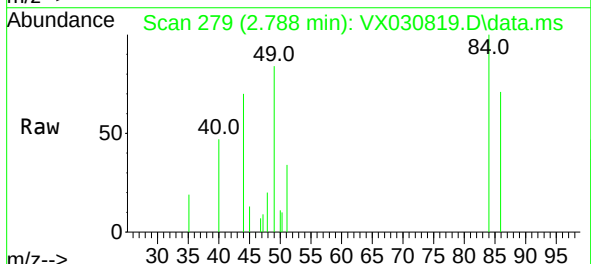
Instrument :
MSVOA_X
ClientSampleId :
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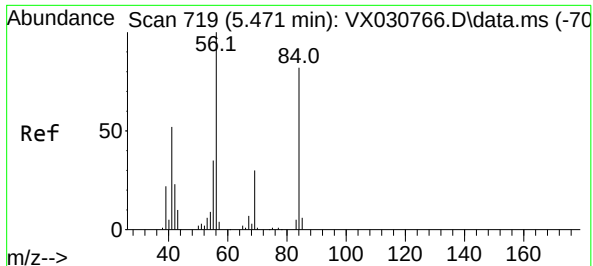
Tgt Ion: 76 Resp: 725
Ion Ratio Lower Upper
76 100
78 0.0 7.8 11.6#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX030819.D
Acq: 26 Aug 2022 13:05

Tgt Ion: 84 Resp: 1290
Ion Ratio Lower Upper
84 100
49 84.1 93.8 140.6#
51 34.1 29.4 44.0
86 70.9 51.0 76.4

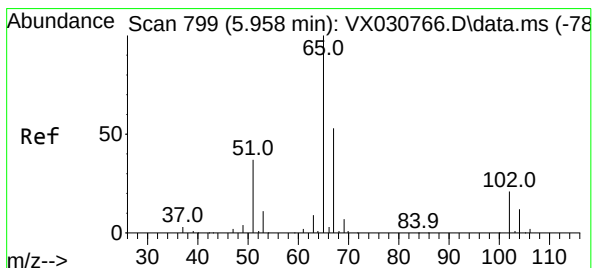
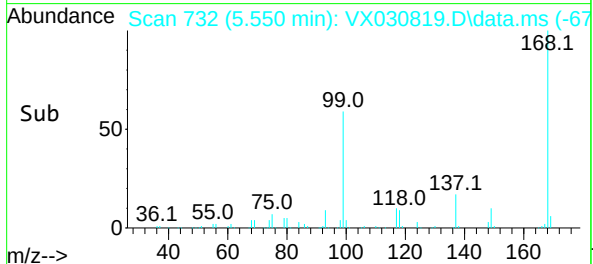
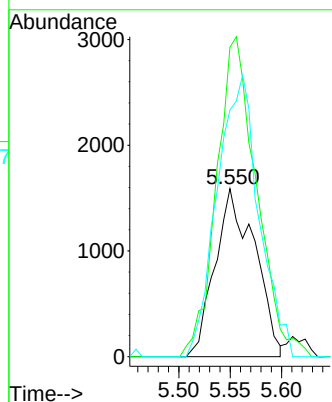
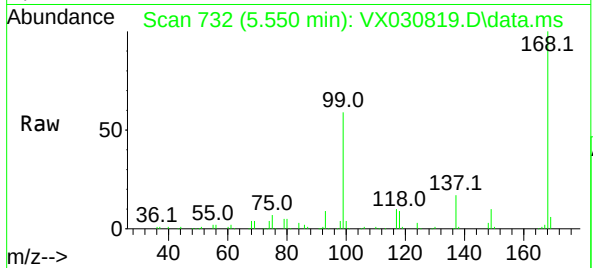




#31
Cyclohexane
Concen: 1.272 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX030819.D
Acq: 26 Aug 2022 13:05

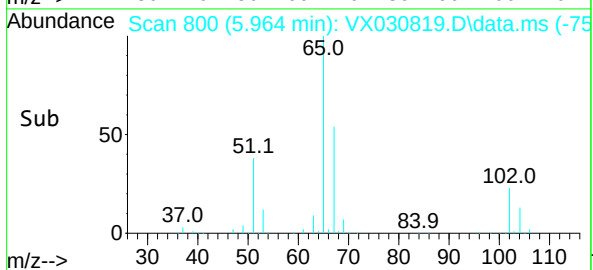
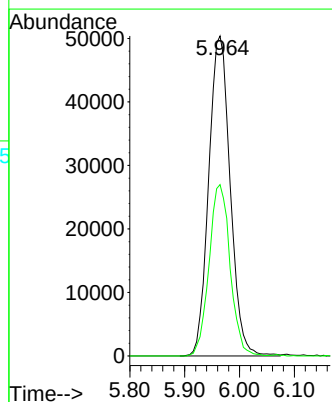
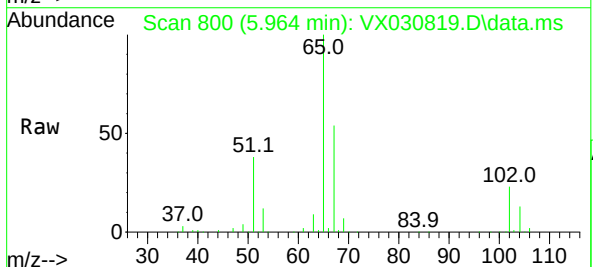
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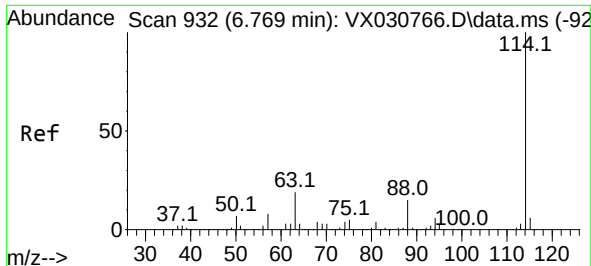
Tgt Ion: 56 Resp: 4274
Ion Ratio Lower Upper
56 100
69 184.2 25.4 38.0#
84 146.8 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 52.067 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX030819.D
Acq: 26 Aug 2022 13:05

Tgt Ion: 65 Resp: 136817
Ion Ratio Lower Upper
65 100
67 52.6 0.0 109.6

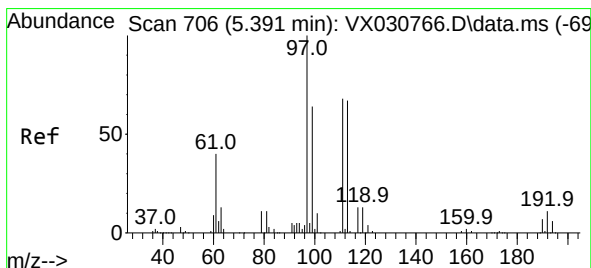
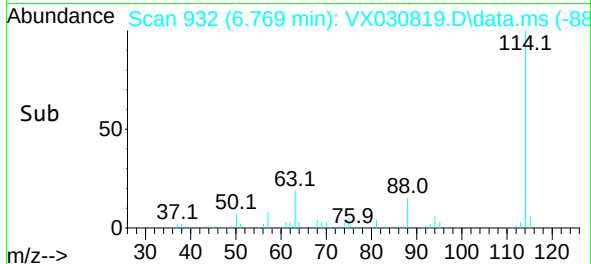
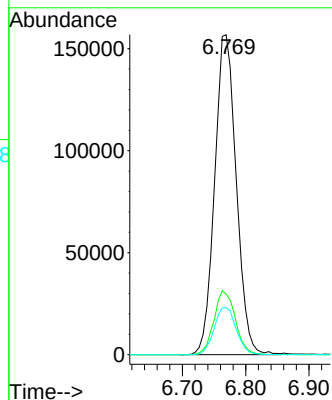
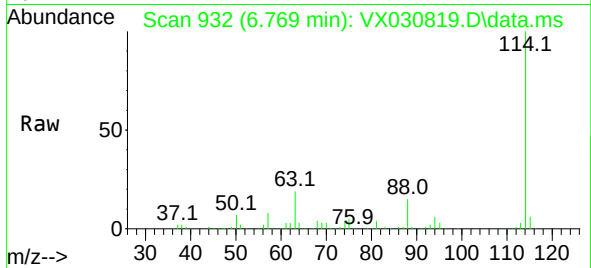




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX030819.D
Acq: 26 Aug 2022 13:05

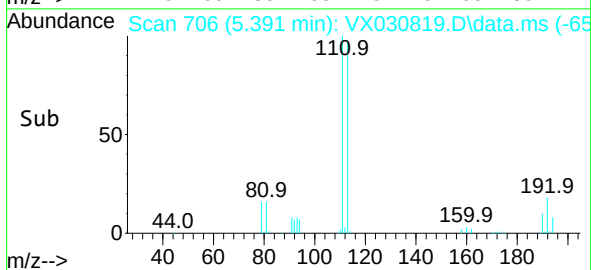
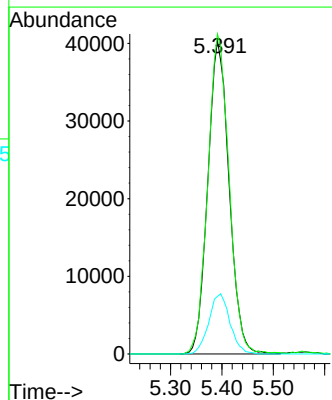
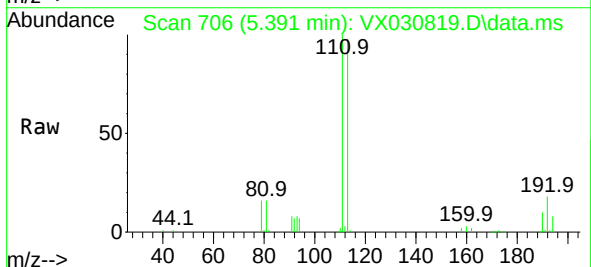
Instrument :
MSVOA_X
ClientSampleId :
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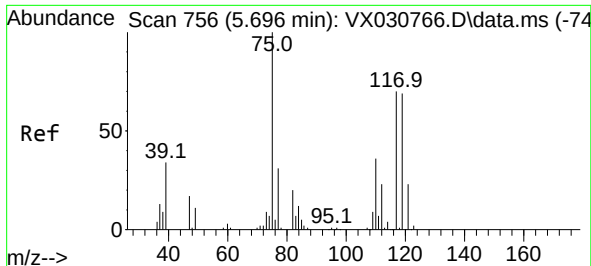
Tgt Ion:114 Resp: 371596
Ion Ratio Lower Upper
114 100
63 18.9 0.0 38.4
88 14.7 0.0 31.8



#35
Dibromofluoromethane
Concen: 50.871 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030819.D
Acq: 26 Aug 2022 13:05

Tgt Ion:113 Resp: 116177
Ion Ratio Lower Upper
113 100
111 102.0 83.2 124.8
192 19.1 14.8 22.2

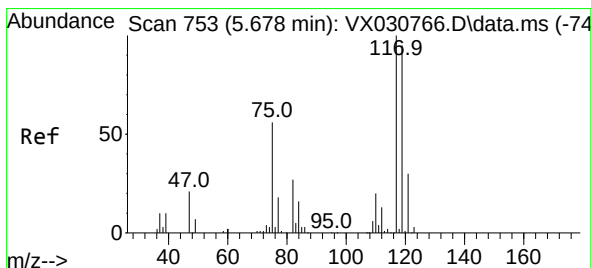
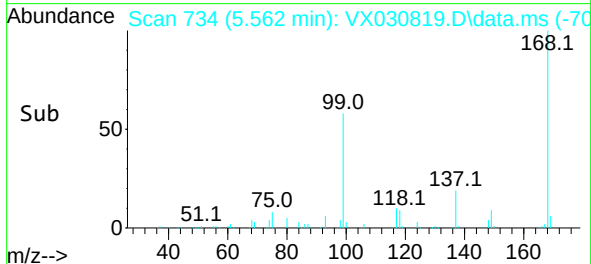
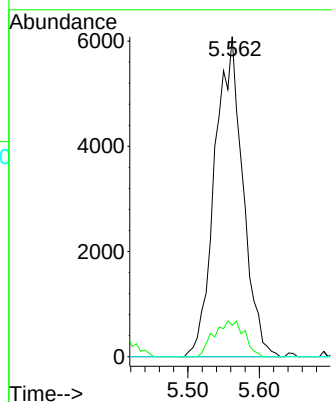
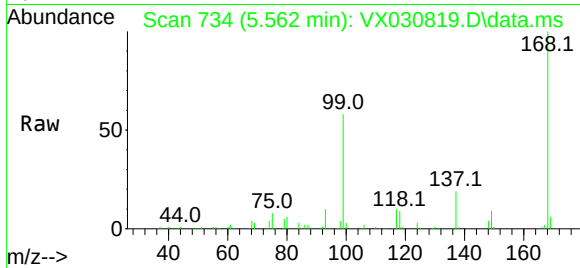




#36
1,1-Dichloropropene
Concen: 5.338 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX030819.D
Acq: 26 Aug 2022 13:05

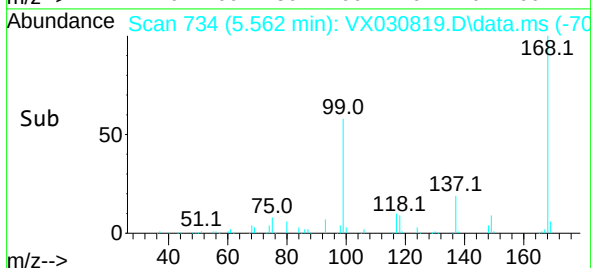
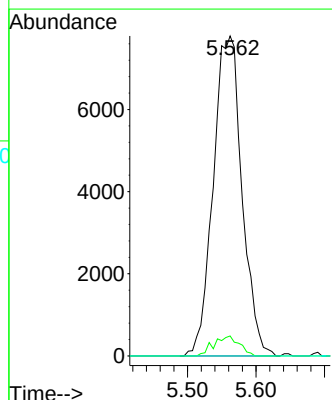
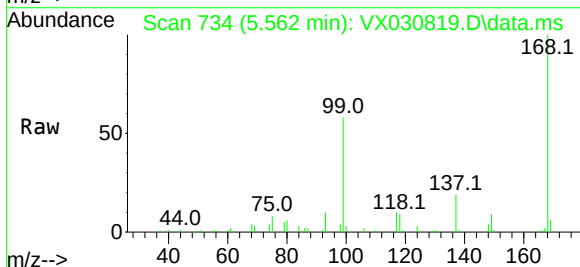
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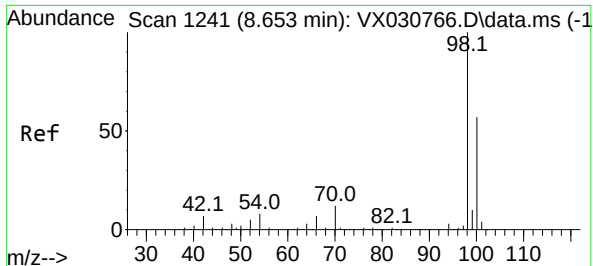
Tgt Ion: 75 Resp: 16600
Ion Ratio Lower Upper
75 100
110 12.1 19.3 57.9#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 6.912 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.116 min
Lab File: VX030819.D
Acq: 26 Aug 2022 13:05

Tgt Ion: 117 Resp: 22673
Ion Ratio Lower Upper
117 100
119 6.3 74.1 111.1#
121 0.0 25.8 38.8#

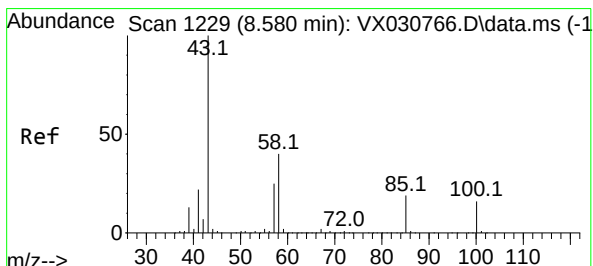
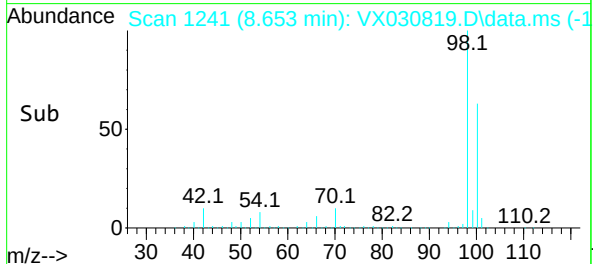
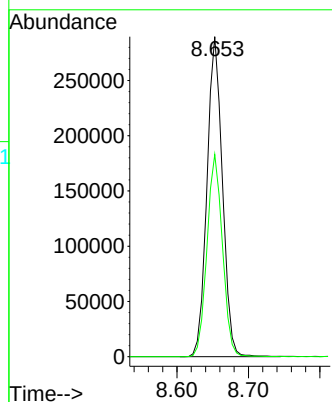
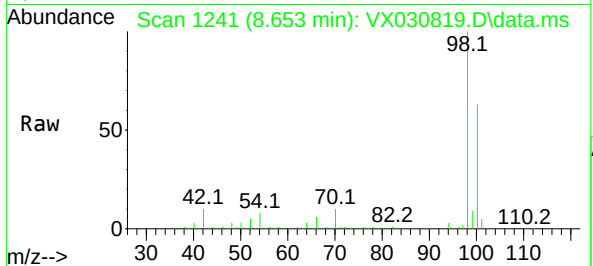




#50
Toluene-d8
Concen: 54.526 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX030819.D
Acq: 26 Aug 2022 13:05

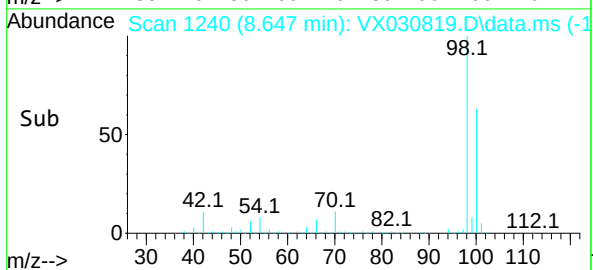
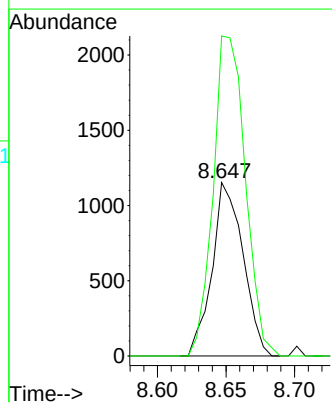
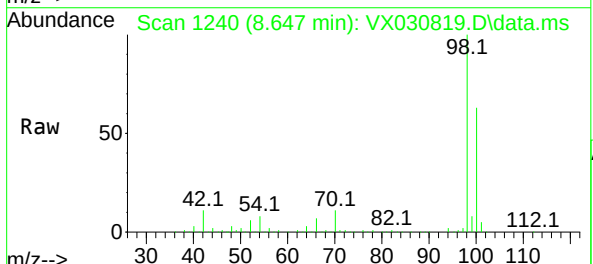
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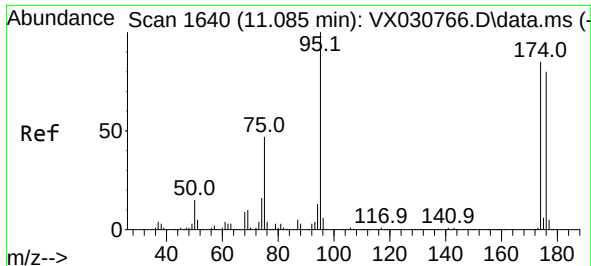
Tgt Ion: 98 Resp: 433930
Ion Ratio Lower Upper
98 100
100 63.4 52.3 78.5



#51
4-Methyl-2-Pentanone
Concen: 0.484 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX030819.D
Acq: 26 Aug 2022 13:05

Tgt Ion: 43 Resp: 1812
Ion Ratio Lower Upper
43 100
58 191.8 31.4 47.2#

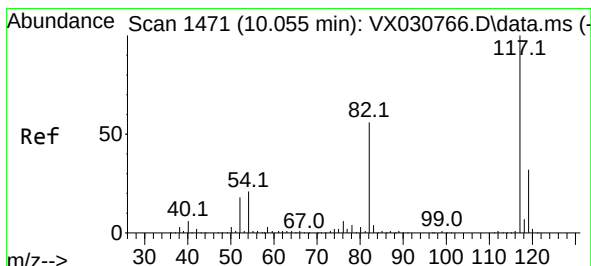
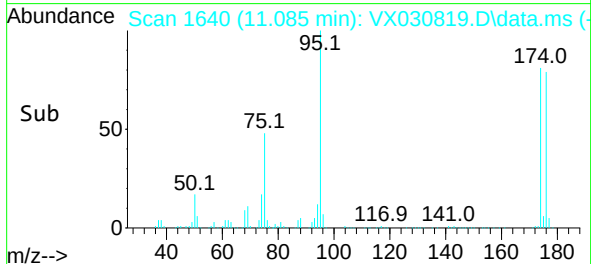
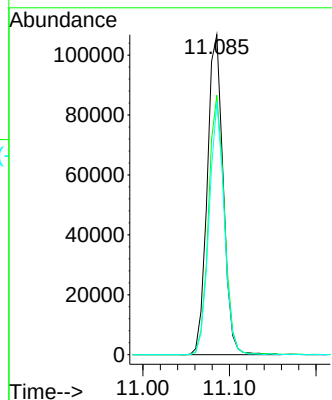
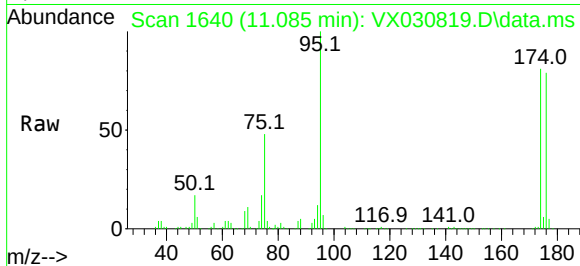




#62
4-Bromofluorobenzene
Concen: 46.048 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX030819.D
Acq: 26 Aug 2022 13:05

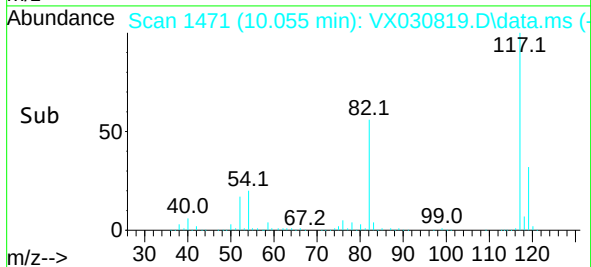
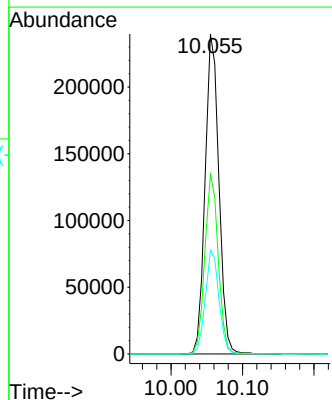
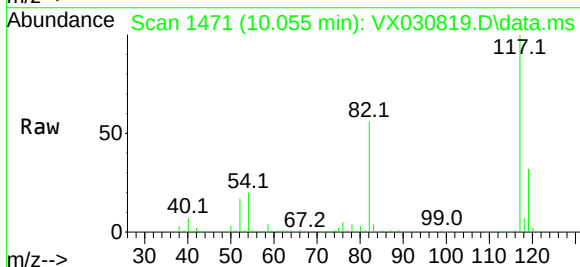
Instrument :
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ClientSampleId :
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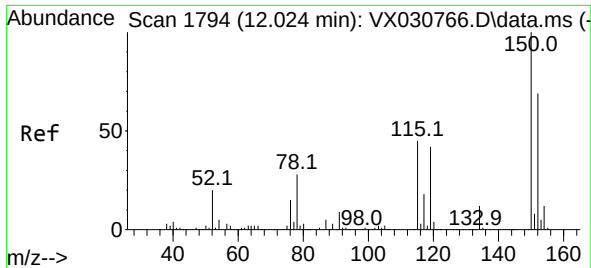
Tgt Ion: 95 Resp: 136433
Ion Ratio Lower Upper
95 100
174 80.9 0.0 149.0
176 75.0 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030819.D
Acq: 26 Aug 2022 13:05

Tgt Ion: 117 Resp: 320974
Ion Ratio Lower Upper
117 100
82 56.1 42.7 64.1
119 32.4 25.4 38.2

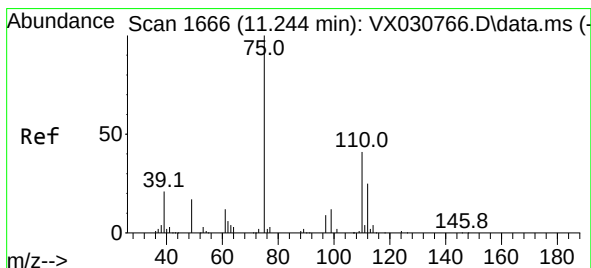
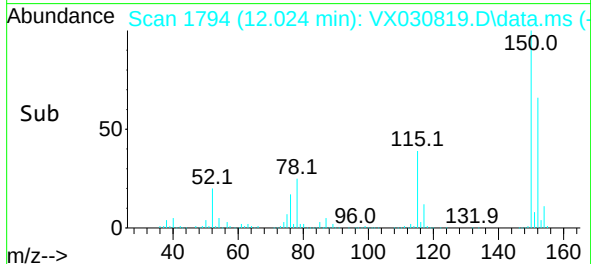
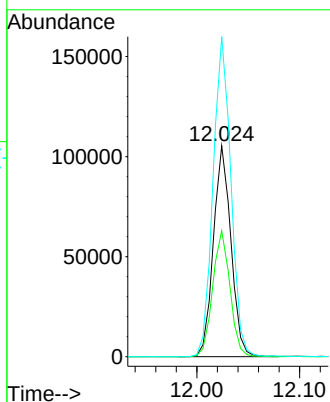
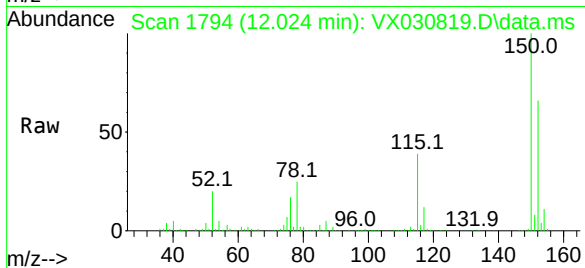




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX030819.D
 Acq: 26 Aug 2022 13:05

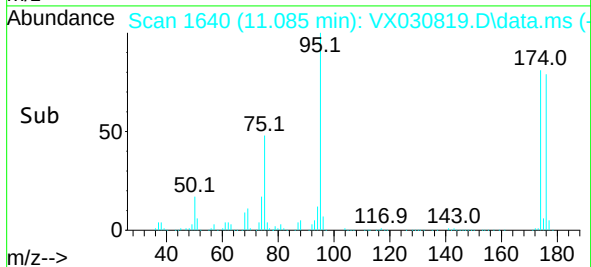
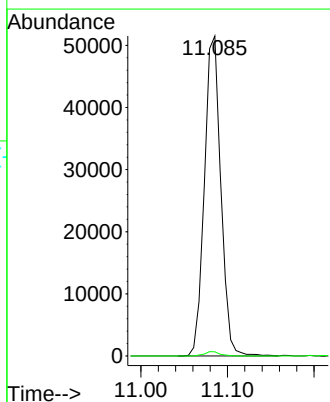
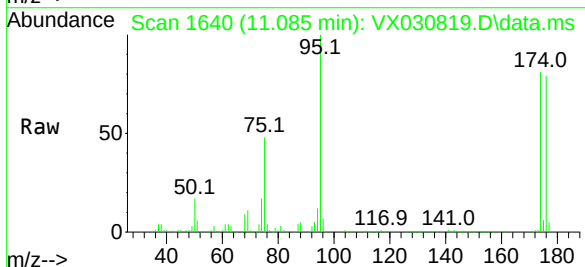
Instrument :
 MSVOA_X
 ClientSampleId :
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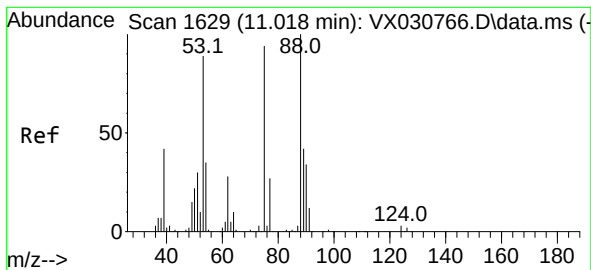
Tgt Ion:152 Resp: 124520
 Ion Ratio Lower Upper
 152 100
 115 58.8 40.5 121.5
 150 154.6 0.0 347.0



#76
 1,2,3-Trichloropropane
 Concen: 24.882 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX030819.D
 Acq: 26 Aug 2022 13:05

Tgt Ion: 75 Resp: 67880
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.8 59.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 80.280 ug/l
 RT: 11.085 min Scan# 1
 Delta R.T. 0.067 min
 Lab File: VX030819.D
 Acq: 26 Aug 2022 13:05

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK

Tgt Ion: 75 Resp: 67880
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.2 111.4#
 89 0.1 34.8 52.2#

