

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091721\
 Data File : VX024334.D
 Acq On : 18 Sep 2021 02:10
 Operator : JC/MD
 Sample : M3782-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPOW1-7-20210914

Quant Time: Sep 20 02:44:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 14 12:18:04 2021
 Response via : Initial Calibration

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

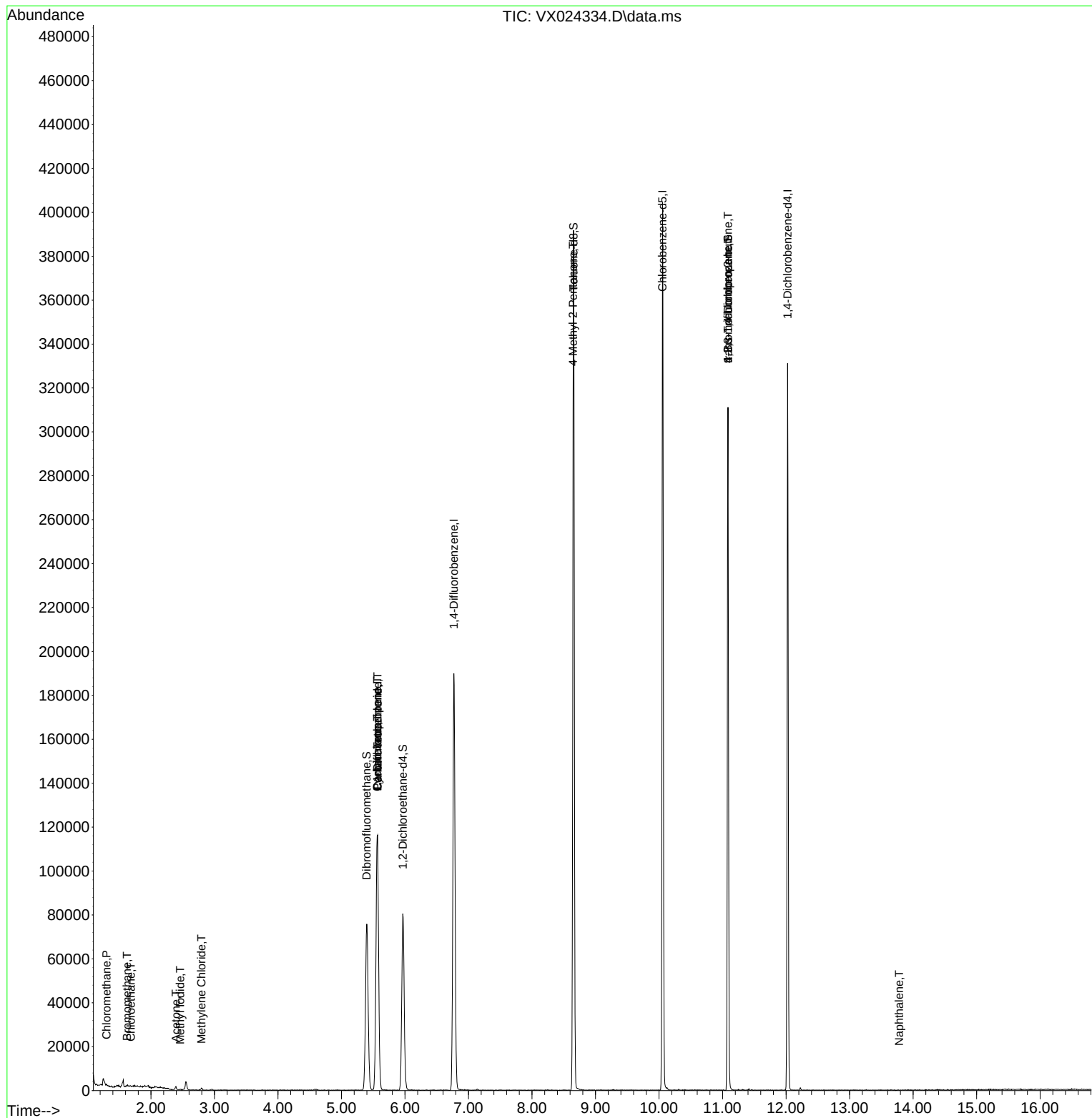
Internal Standards						
1) Pentafluorobenzene	5.568	168	109794	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	186219	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	173955	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	65533	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	80574	51.464	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	102.920%
35) Dibromofluoromethane	5.397	113	63088	50.516	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.040%
50) Toluene-d8	8.653	98	225557	49.578	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.160%
62) 4-Bromofluorobenzene	11.085	95	75450	42.614	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	85.220%
Target Compounds						
						Qvalue
3) Chloromethane	1.301	50	427	0.387	ug/l	90
5) Bromomethane	1.624	94	472	0.723	ug/l #	65
6) Chloroethane	1.685	64	304	2.328	ug/l #	43
10) Methyl Iodide	2.459	142	344	0.230	ug/l #	82
11) Tert butyl alcohol	2.959	59	227	Below Cal	#	73
16) Acetone	2.392	43	1479	2.215	ug/l	94
20) Methylene Chloride	2.794	84	331	0.258	ug/l #	66
31) Cyclohexane	5.562	56	2688	1.468	ug/l #	39
36) 1,1-Dichloropropene	5.562	75	8871	5.181	ug/l #	48
38) Carbon Tetrachloride	5.568	117	11947	6.200	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1211	0.598	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	42377	28.123	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	42377	82.709	ug/l #	12
95) Naphthalene	13.780	128	23	1.292	ug/l #	69

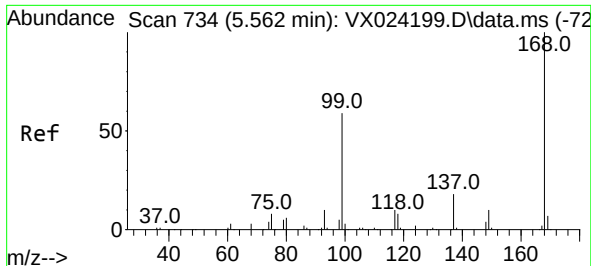
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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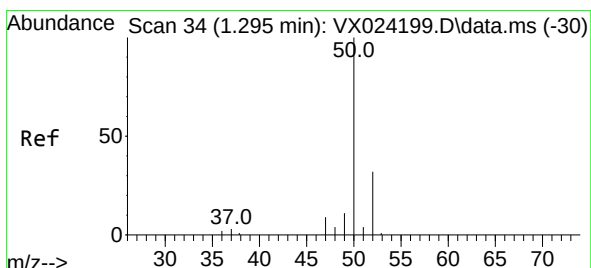
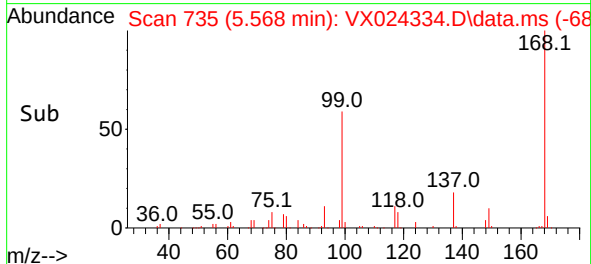
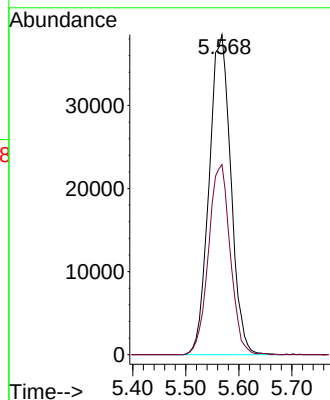
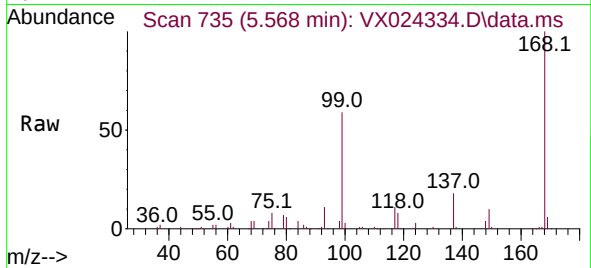




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.006 min
Lab File: VX024334.D
Acq: 18 Sep 2021 02:10

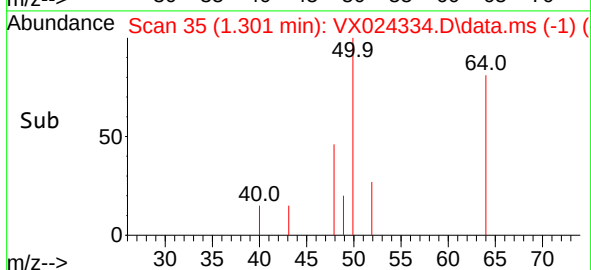
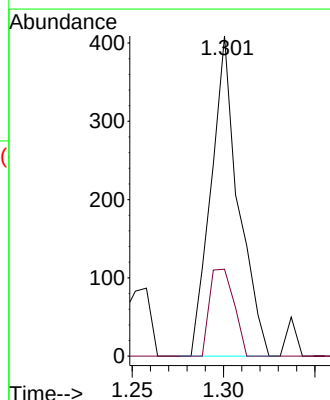
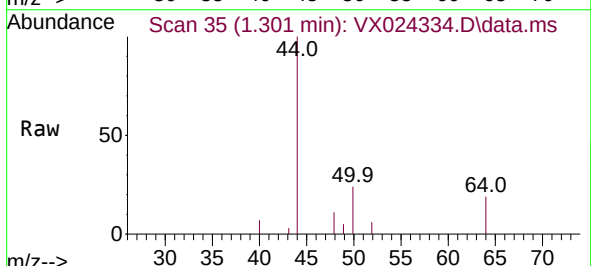
Instrument :
MSVOA_X
ClientSampleId :
BPOW1-7-20210914

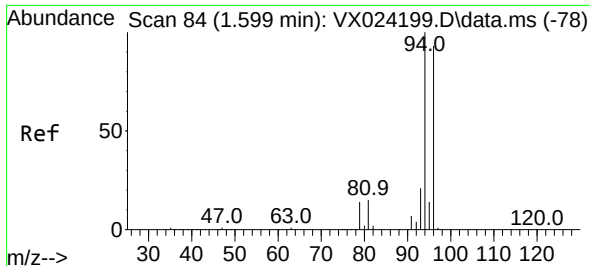
Tgt Ion:168 Resp: 109794
Ion Ratio Lower Upper
168 100
99 59.4 45.8 68.6



#3
Chloromethane
Concen: 0.387 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX024334.D
Acq: 18 Sep 2021 02:10

Tgt Ion: 50 Resp: 427
Ion Ratio Lower Upper
50 100
52 27.1 26.4 39.6

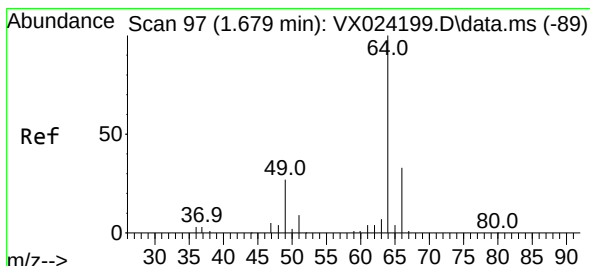
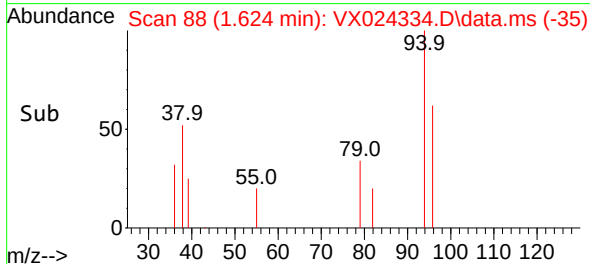
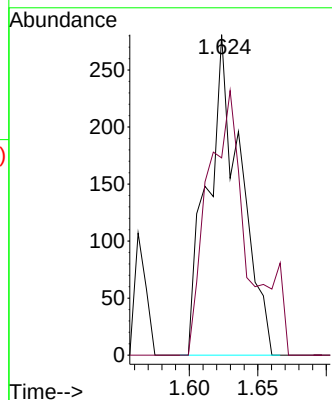
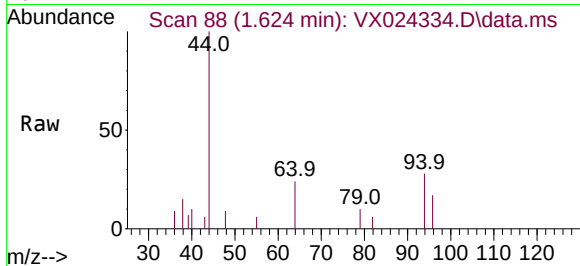




#5
Bromomethane
Concen: 0.723 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.025 min
Lab File: VX024334.D
Acq: 18 Sep 2021 02:10

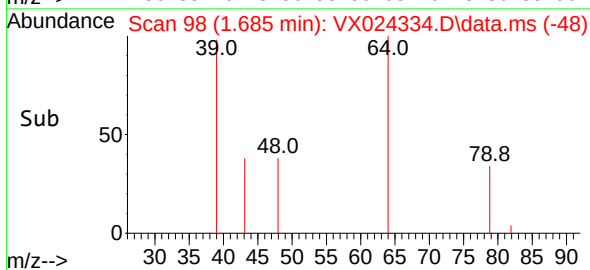
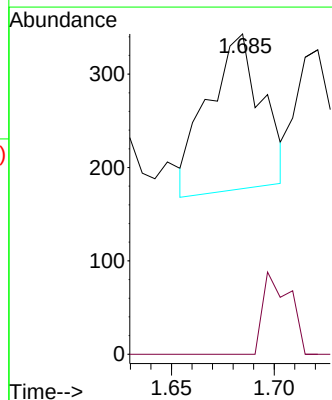
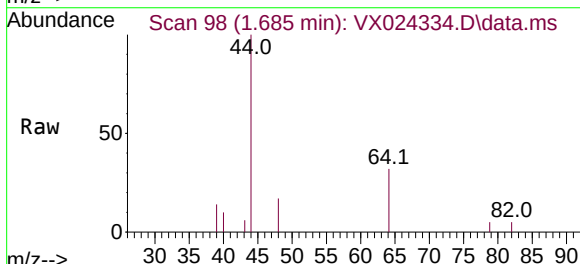
Instrument :
MSVOA_X
ClientSampleId :
BPOW1-7-20210914

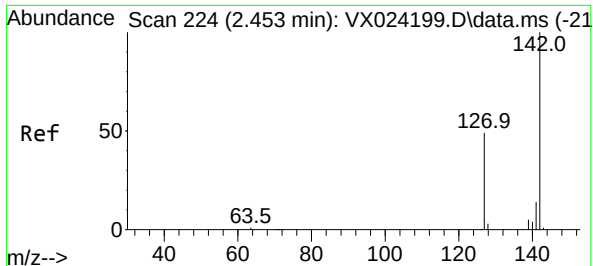
Tgt Ion: 94 Resp: 472
Ion Ratio Lower Upper
94 100
96 61.6 76.4 114.6#



#6
Chloroethane
Concen: 2.328 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX024334.D
Acq: 18 Sep 2021 02:10

Tgt Ion: 64 Resp: 304
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#

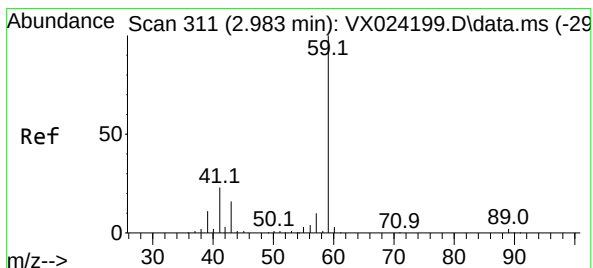
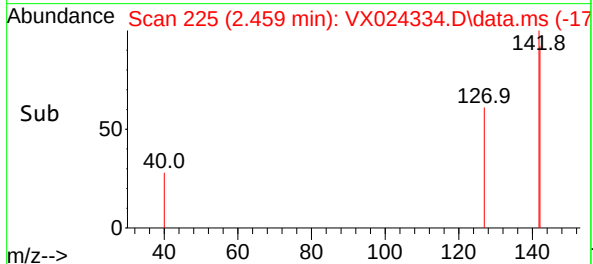
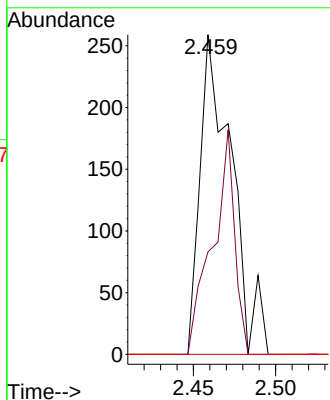
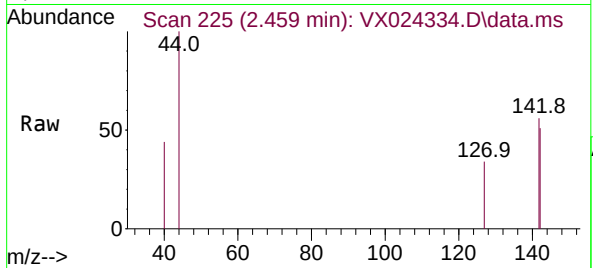




#10
Methyl Iodide
Concen: 0.230 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX024334.D
Acq: 18 Sep 2021 02:10

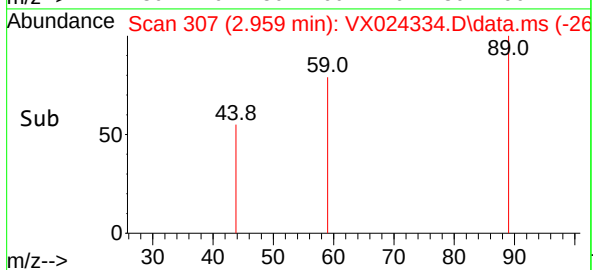
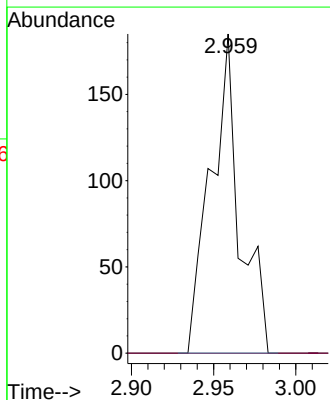
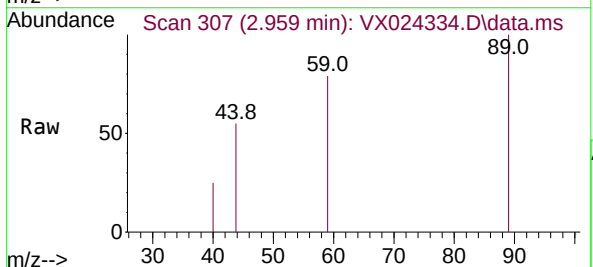
Instrument :
MSVOA_X
ClientSampleId :
BPOW1-7-20210914

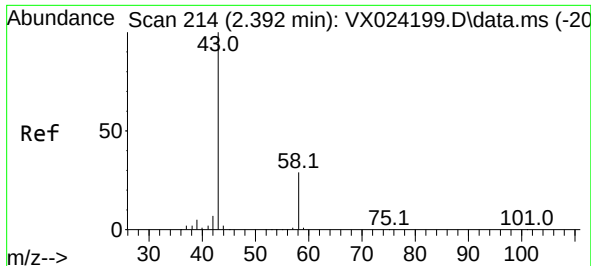
Tgt Ion:142 Resp: 344
Ion Ratio Lower Upper
142 100
127 49.4 33.3 49.9
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.959 min Scan# 307
Delta R.T. -0.024 min
Lab File: VX024334.D
Acq: 18 Sep 2021 02:10

Tgt Ion: 59 Resp: 227
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

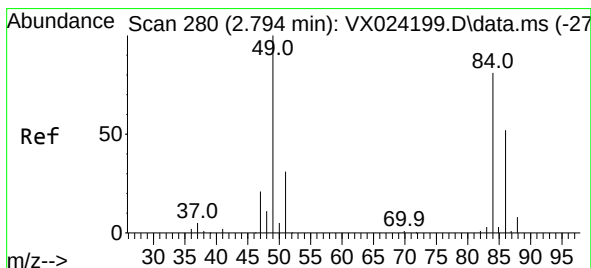
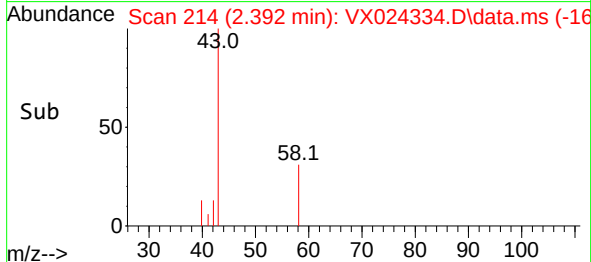
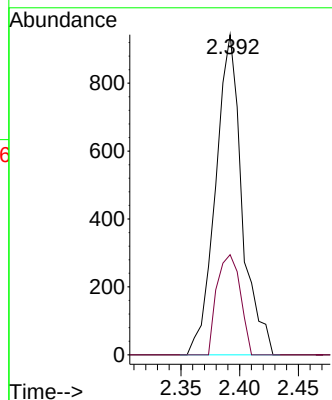
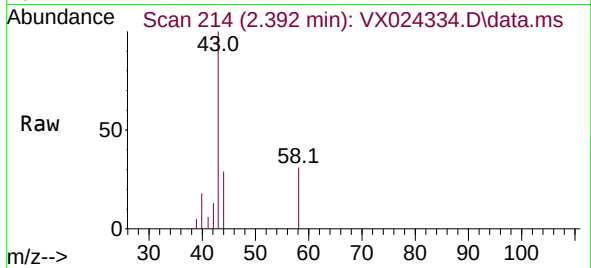




#16
Acetone
Concen: 2.215 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX024334.D
Acq: 18 Sep 2021 02:10

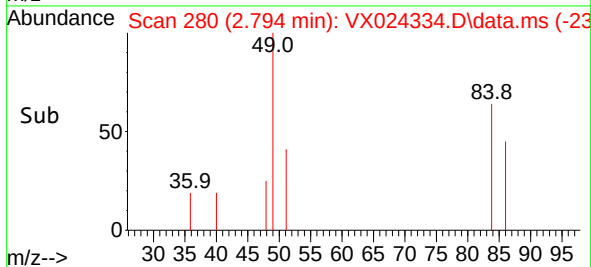
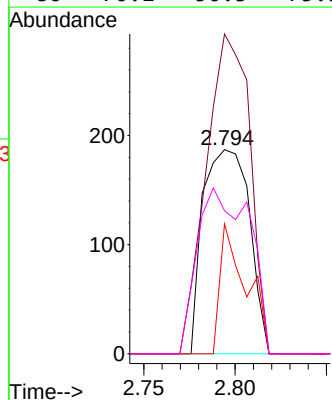
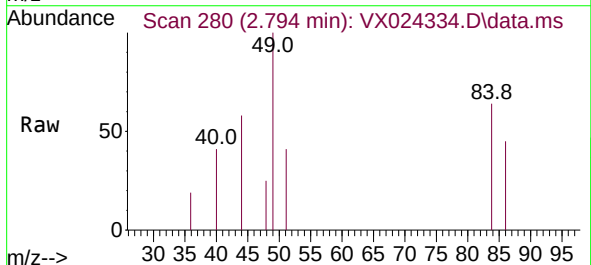
Instrument :
MSVOA_X
ClientSampleId :
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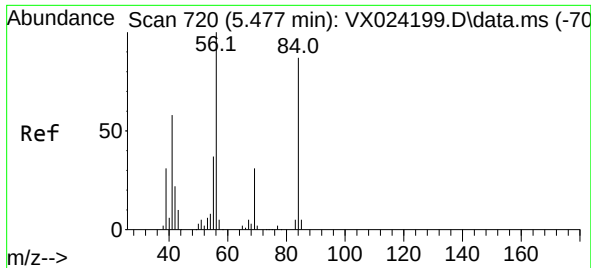
Tgt Ion: 43 Resp: 1479
Ion Ratio Lower Upper
43 100
58 31.3 27.8 41.8



#20
Methylene Chloride
Concen: 0.258 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX024334.D
Acq: 18 Sep 2021 02:10

Tgt Ion: 84 Resp: 331
Ion Ratio Lower Upper
84 100
49 156.7 88.6 132.8#
51 63.6 27.0 40.6#
86 70.1 50.3 75.5

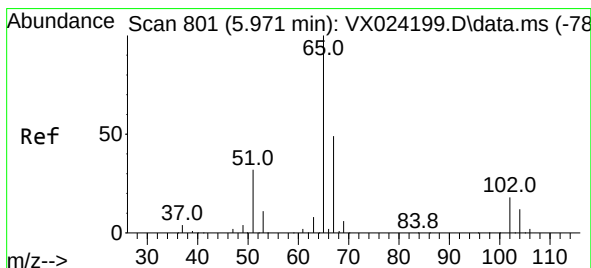
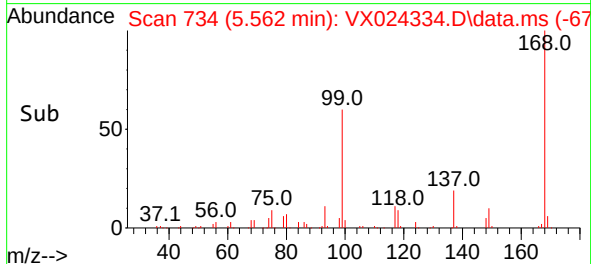
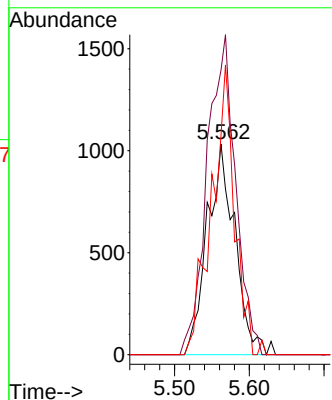
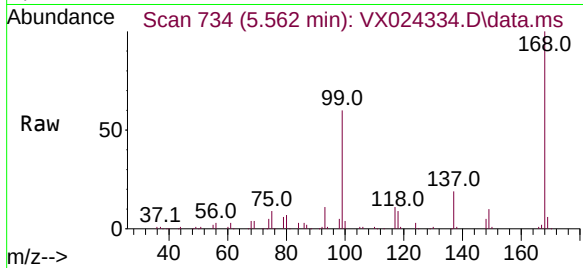




#31
Cyclohexane
Concen: 1.468 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX024334.D
Acq: 18 Sep 2021 02:10

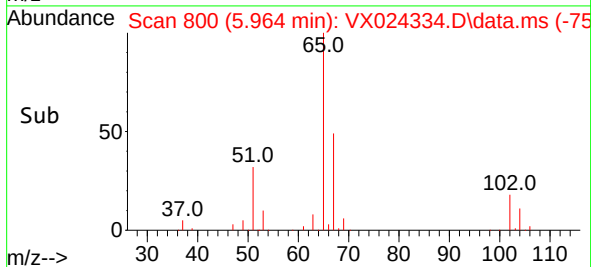
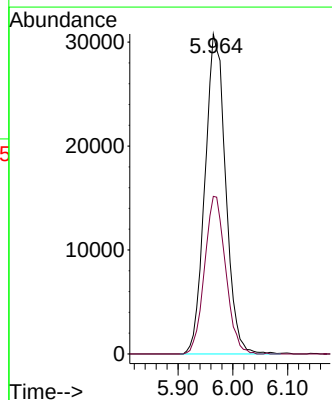
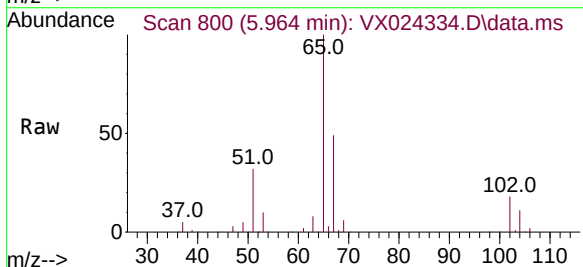
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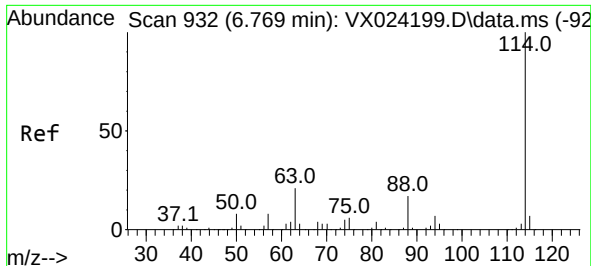
Tgt Ion: 56 Resp: 2688
Ion Ratio Lower Upper
56 100
69 135.0 25.3 37.9#
84 104.1 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 51.464 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.007 min
Lab File: VX024334.D
Acq: 18 Sep 2021 02:10

Tgt Ion: 65 Resp: 80574
Ion Ratio Lower Upper
65 100
67 50.2 0.0 105.4

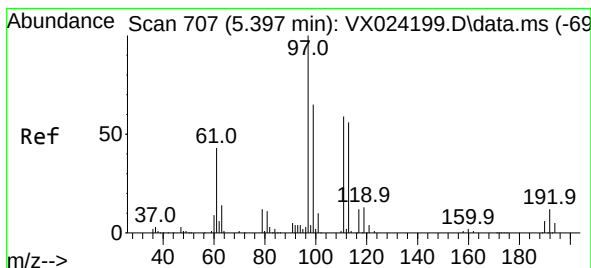
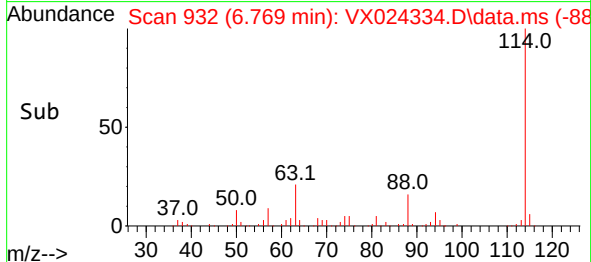
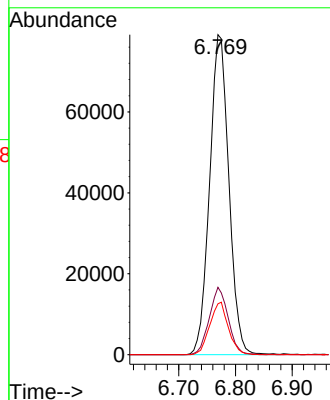
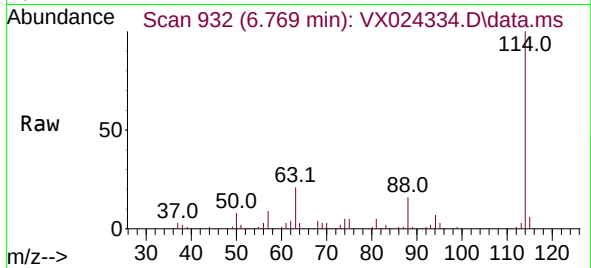




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024334.D
Acq: 18 Sep 2021 02:10

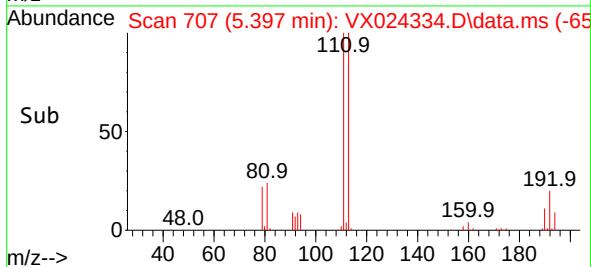
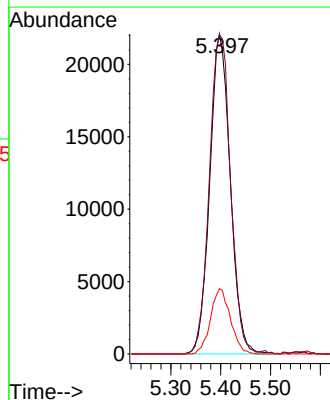
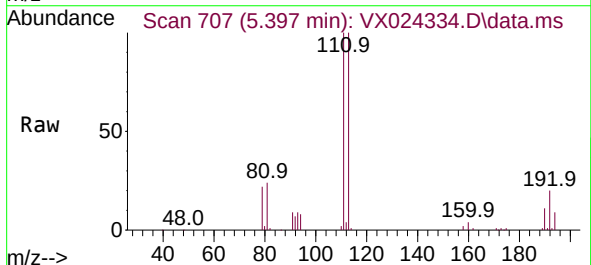
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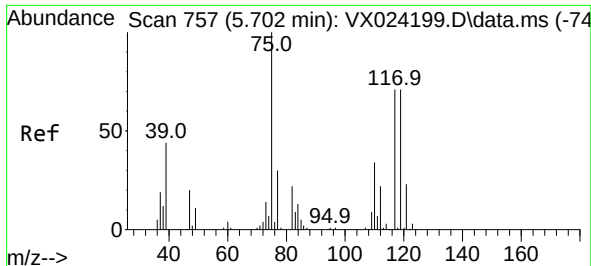
Tgt Ion:114 Resp: 186219
Ion Ratio Lower Upper
114 100
63 21.0 0.0 40.8
88 15.9 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.516 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024334.D
Acq: 18 Sep 2021 02:10

Tgt Ion:113 Resp: 63088
Ion Ratio Lower Upper
113 100
111 103.3 81.9 122.9
192 19.8 16.7 25.1

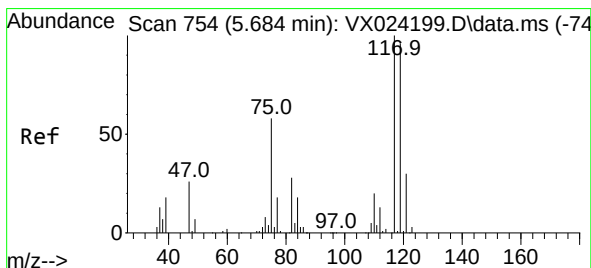
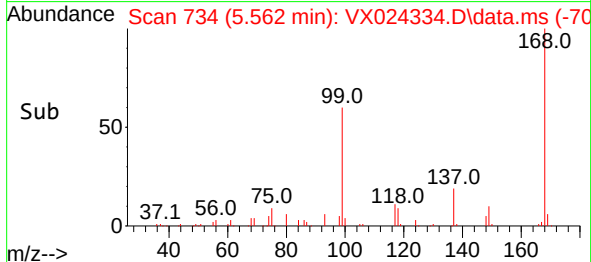
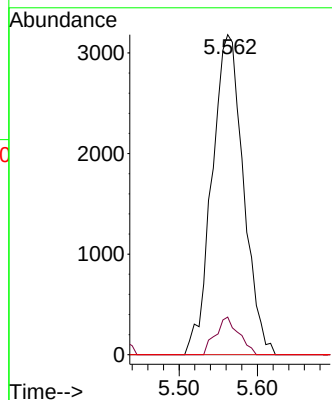
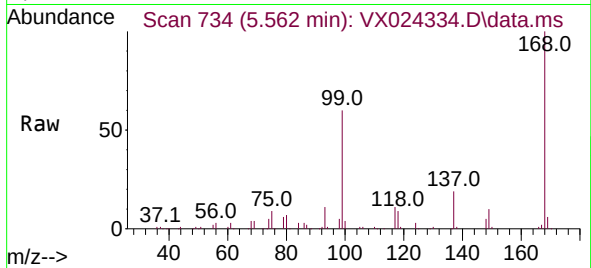




#36
1,1-Dichloropropene
Concen: 5.181 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX024334.D
Acq: 18 Sep 2021 02:10

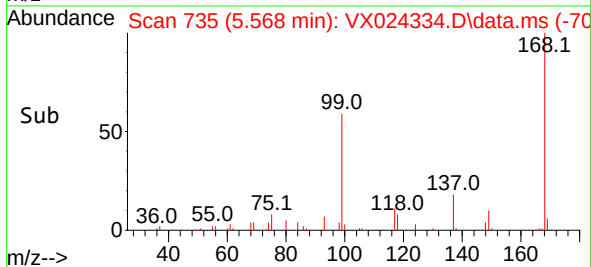
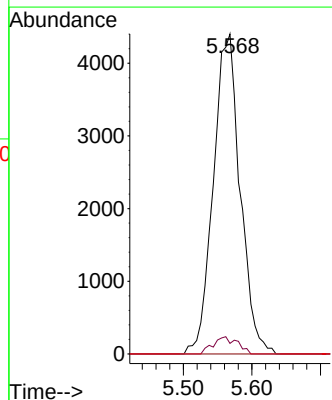
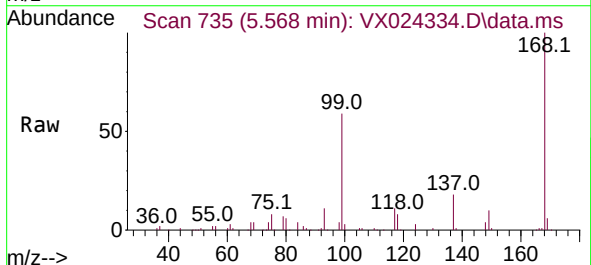
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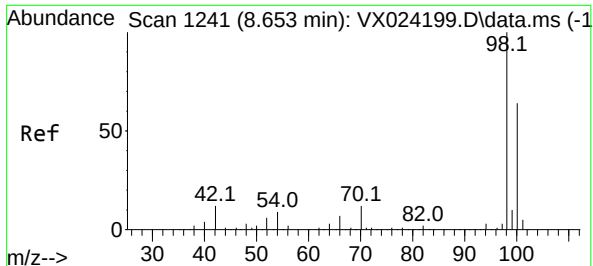
Tgt Ion: 75 Resp: 8871
Ion Ratio Lower Upper
75 100
110 8.7 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.200 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.116 min
Lab File: VX024334.D
Acq: 18 Sep 2021 02:10

Tgt Ion: 117 Resp: 11947
Ion Ratio Lower Upper
117 100
119 3.3 76.2 114.2#
121 0.0 24.8 37.2#





#50

Toluene-d8

Concen: 49.578 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX024334.D

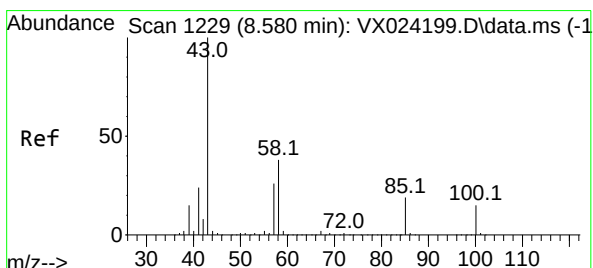
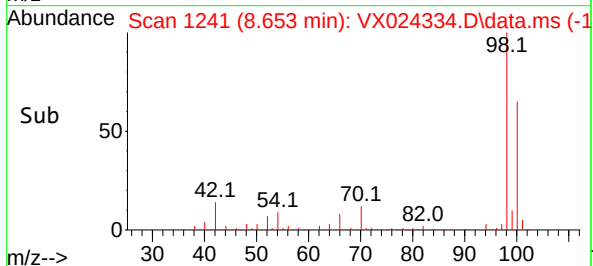
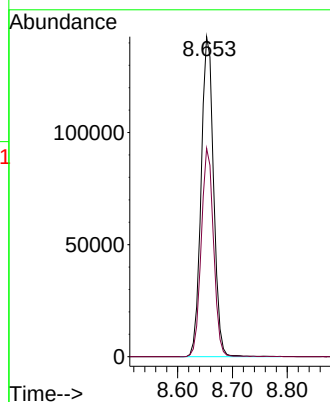
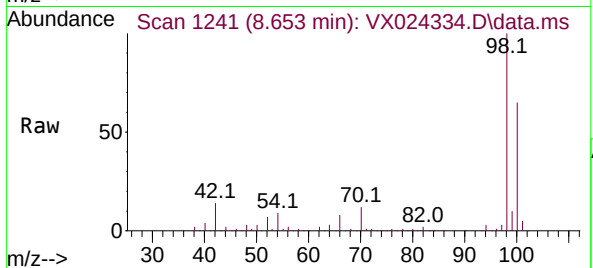
Acq: 18 Sep 2021 02:10

Tgt Ion: 98 Resp: 225557

Ion Ratio Lower Upper

98 100

100 64.4 51.9 77.9



#51

4-Methyl-2-Pentanone

Concen: 0.598 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.067 min

Lab File: VX024334.D

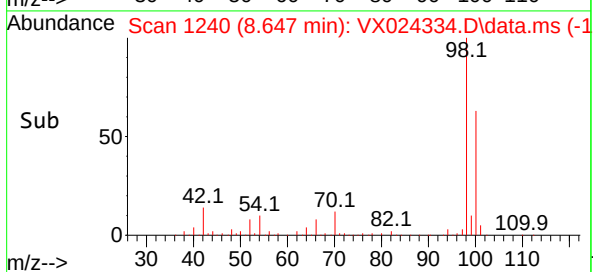
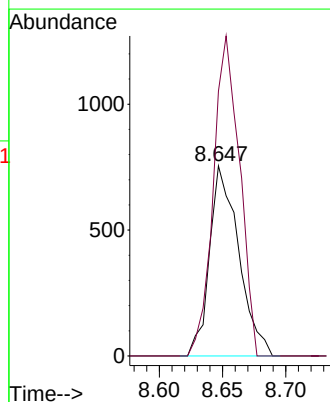
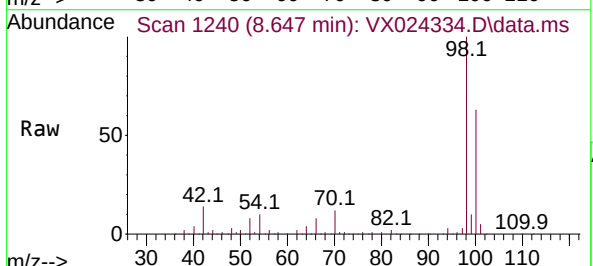
Acq: 18 Sep 2021 02:10

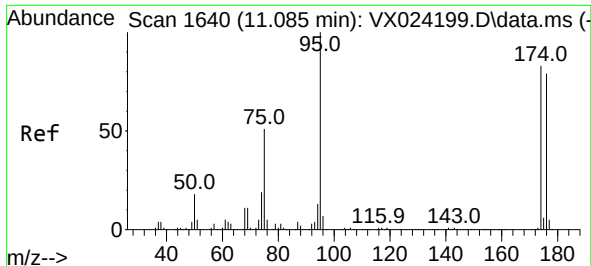
Tgt Ion: 43 Resp: 1211

Ion Ratio Lower Upper

43 100

58 151.3 35.4 53.0#

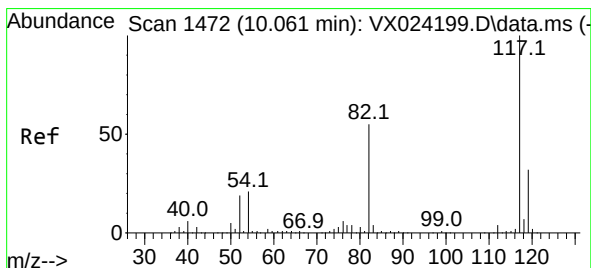
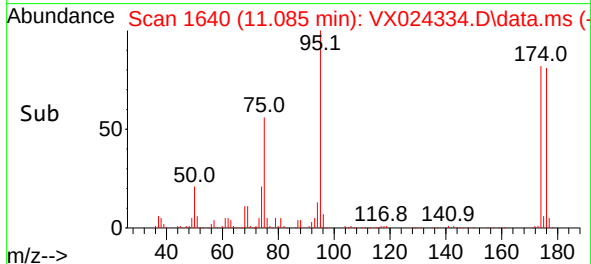
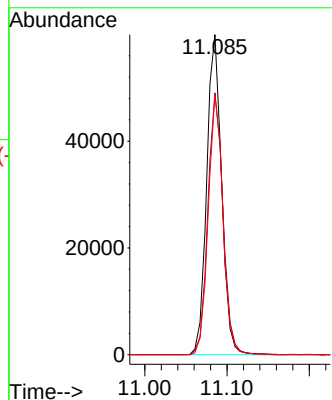
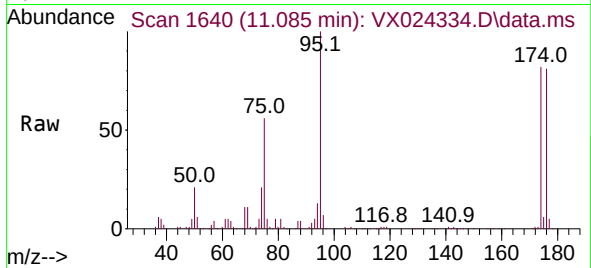




#62
4-Bromofluorobenzene
Concen: 42.614 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024334.D
Acq: 18 Sep 2021 02:10

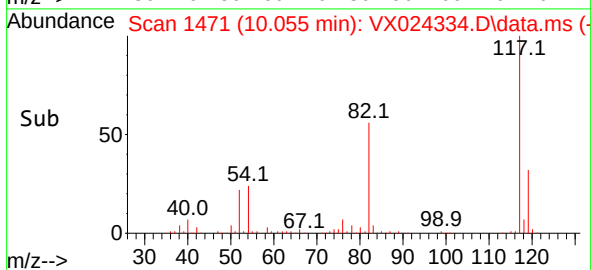
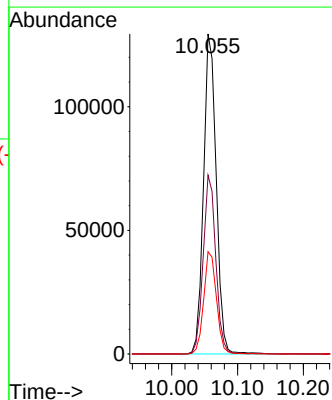
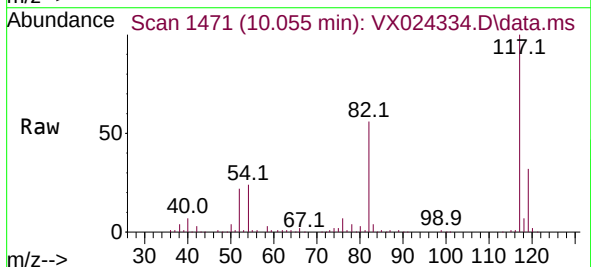
Instrument :
MSVOA_X
ClientSampleId :
BPOW1-7-20210914

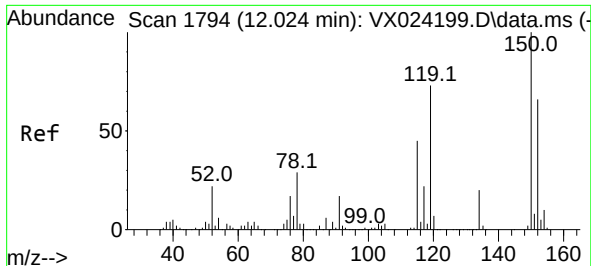
Tgt Ion: 95 Resp: 75450
Ion Ratio Lower Upper
95 100
174 83.4 0.0 154.6
176 79.8 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024334.D
Acq: 18 Sep 2021 02:10

Tgt Ion: 117 Resp: 173955
Ion Ratio Lower Upper
117 100
82 55.8 47.4 71.2
119 32.0 26.6 39.8

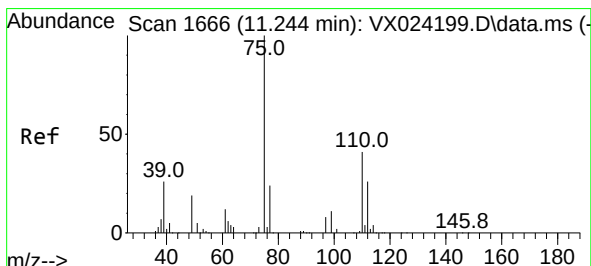
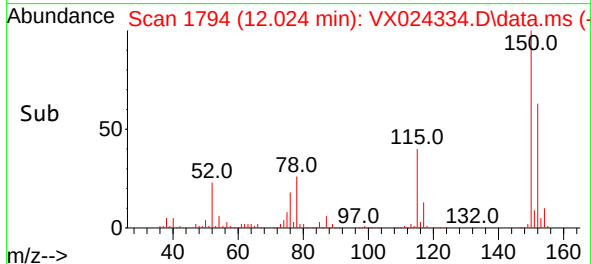
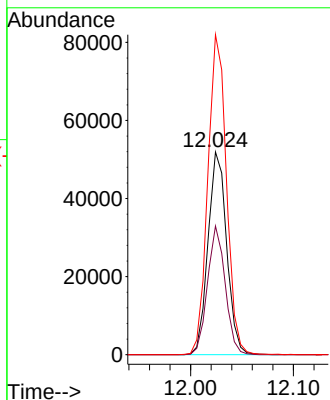
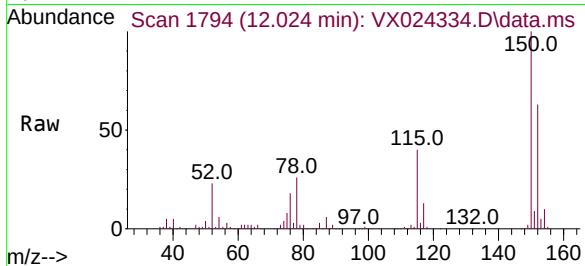




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX024334.D
 Acq: 18 Sep 2021 02:10

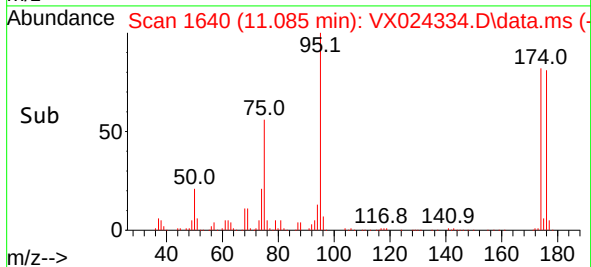
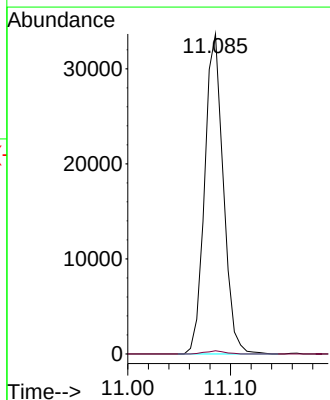
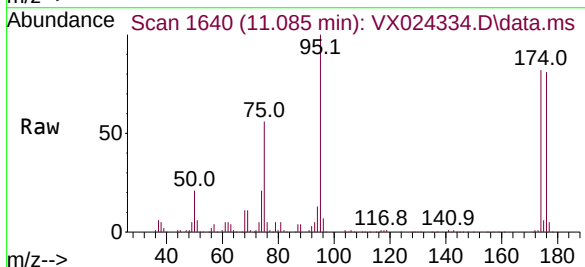
Instrument :
 MSVOA_X
 ClientSampleId :
 BPOW1-7-20210914

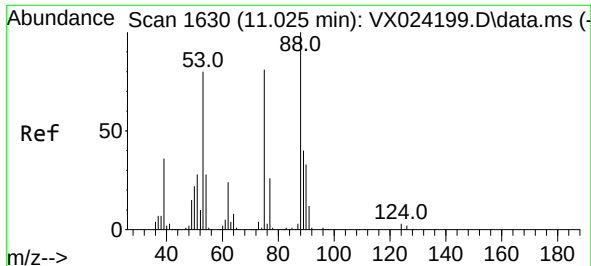
Tgt Ion:152 Resp: 65533
 Ion Ratio Lower Upper
 152 100
 115 60.1 41.1 123.3
 150 157.2 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 28.123 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX024334.D
 Acq: 18 Sep 2021 02:10

Tgt Ion: 75 Resp: 42377
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.1 57.5#

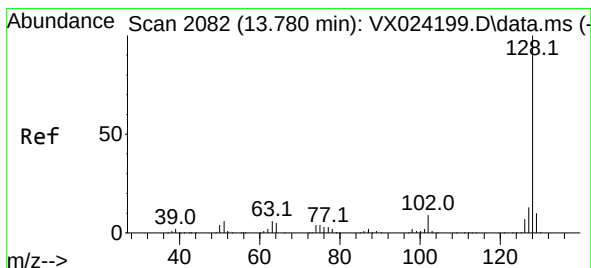
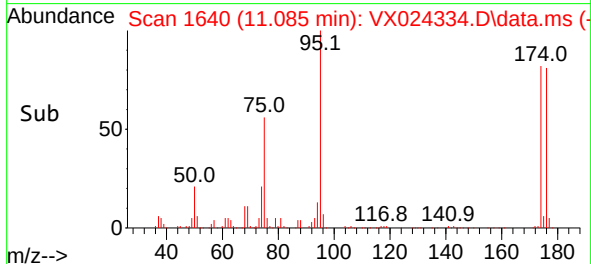
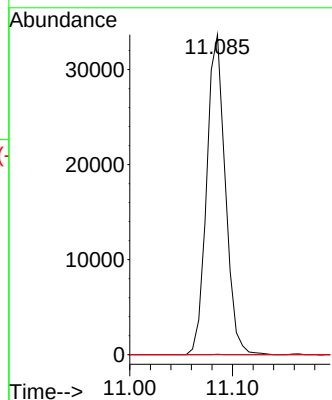
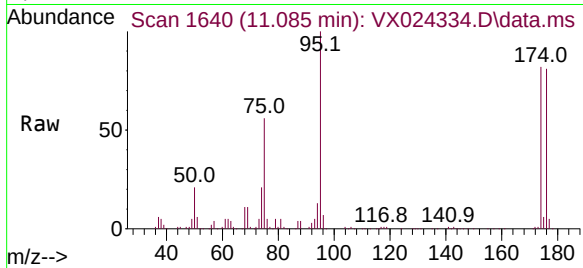




#81
trans-1,4-Dichloro-2-butene
Concen: 82.709 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX024334.D
Acq: 18 Sep 2021 02:10

Instrument :
MSVOA_X
ClientSampleId :
BPOW1-7-20210914

Tgt Ion: 75 Resp: 42377
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.292 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX024334.D
Acq: 18 Sep 2021 02:10

Tgt Ion: 128 Resp: 23
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

