

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091721\
 Data File : VX024333.D
 Acq On : 18 Sep 2021 01:46
 Operator : JC/MD
 Sample : M3782-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPOW1-8-20210914

Quant Time: Sep 20 02:44:13 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)

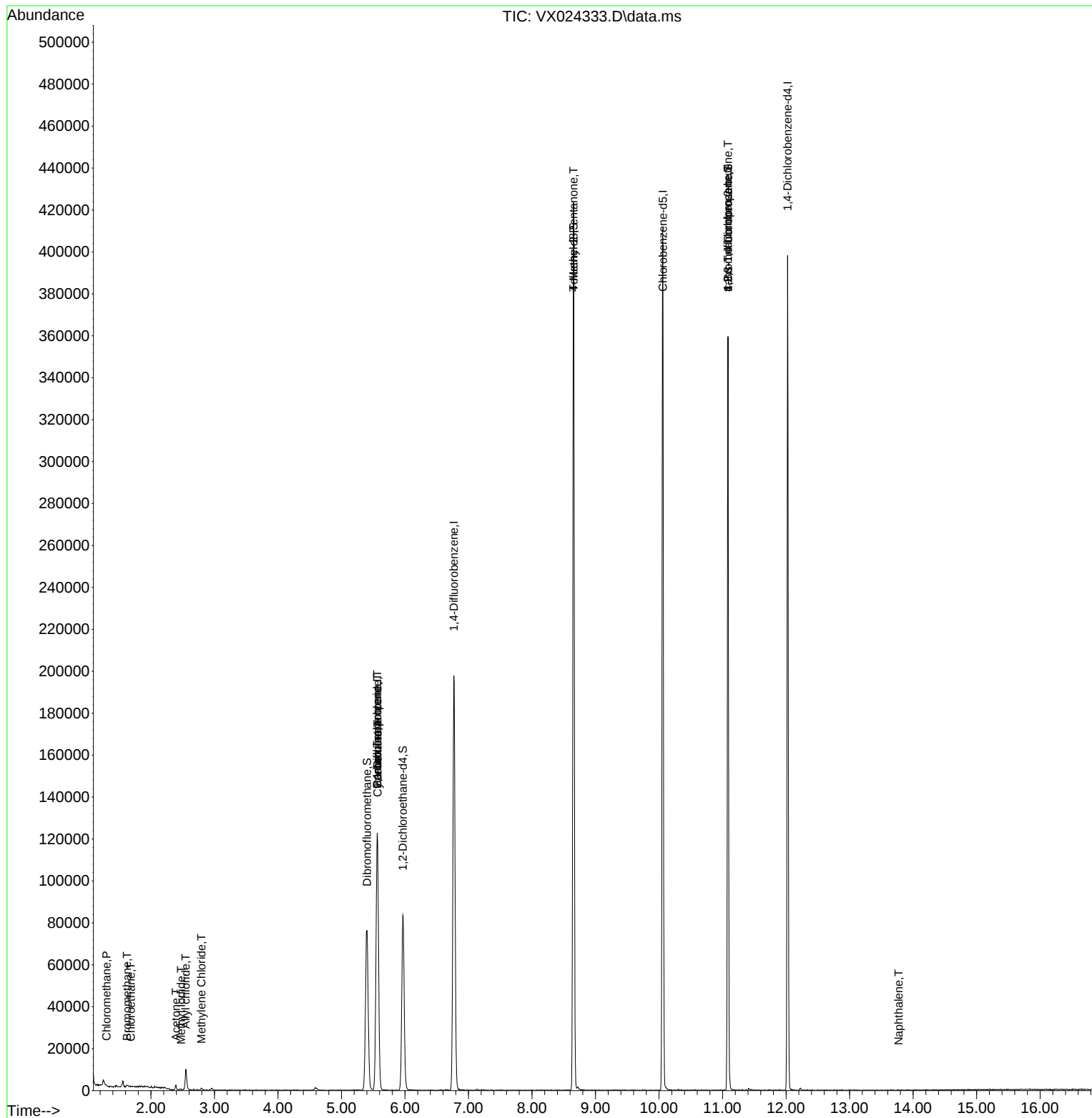
Internal Standards						
1) Pentafluorobenzene	5.562	168	114200	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	195008	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	185389	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	79413	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	84003	51.584	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.160%			
35) Dibromofluoromethane	5.403	113	66391	50.765	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.540%			
50) Toluene-d8	8.653	98	237279	49.804	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.600%			
62) 4-Bromofluorobenzene	11.085	95	85541	46.136	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 92.280%			
Target Compounds						Qvalue
3) Chloromethane	1.300	50	466	0.407	ug/l	94
5) Bromomethane	1.624	94	451	0.664	ug/l	87
6) Chloroethane	1.685	64	56	2.061	ug/l #	43
10) Methyl Iodide	2.477	142	492	0.316	ug/l #	90
11) Tert butyl alcohol	2.953	59	562	Below Cal	#	73
14) Allyl chloride	2.544	41	919	0.480	ug/l #	28
16) Acetone	2.392	43	2068	2.978	ug/l	90
20) Methylene Chloride	2.794	84	430	0.322	ug/l	90
31) Cyclohexane	5.568	56	2728	1.432	ug/l #	49
36) 1,1-Dichloropropene	5.562	75	8719	4.863	ug/l #	51
38) Carbon Tetrachloride	5.562	117	11263	5.581	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	1117	0.527	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	46409	25.415	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	46409	74.747	ug/l #	12
95) Naphthalene	13.774	128	46	1.295	ug/l #	69

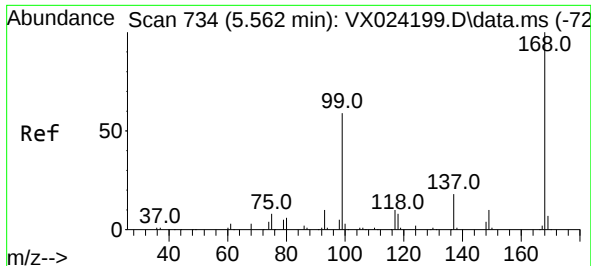
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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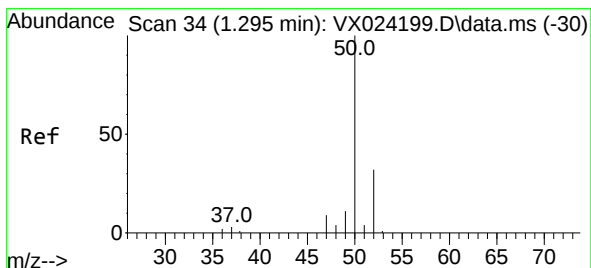
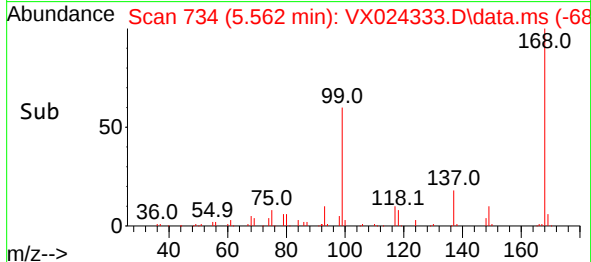
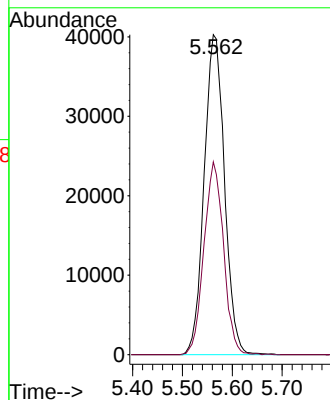
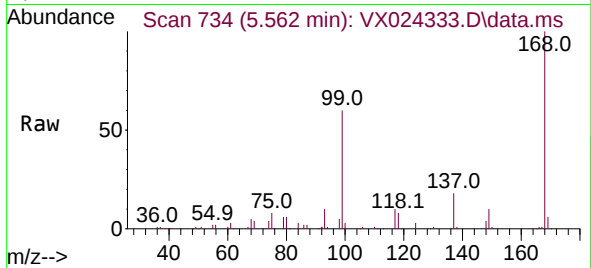




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX024333.D
Acq: 18 Sep 2021 01:46

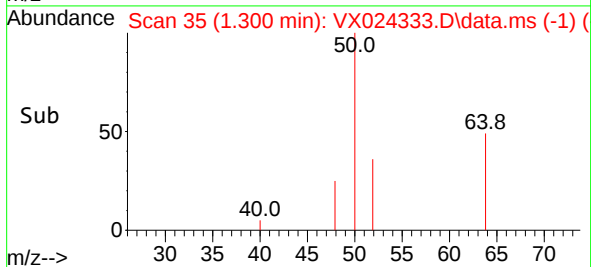
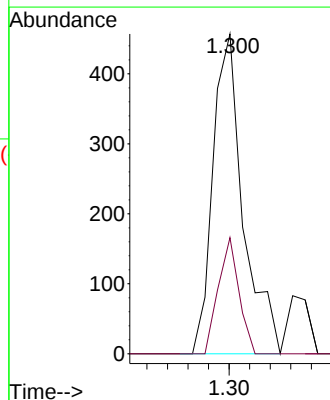
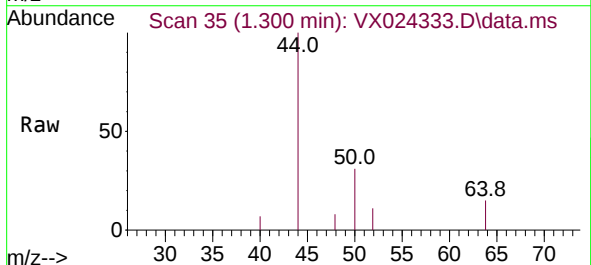
Instrument :
MSVOA_X
ClientSampleId :
BPOW1-8-20210914

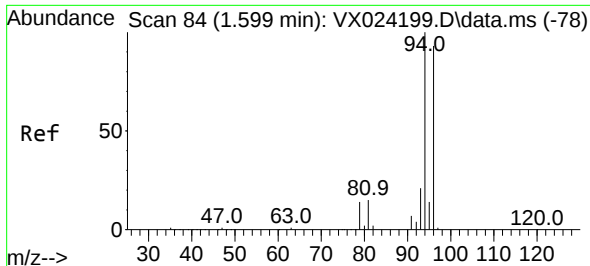
Tgt Ion:168 Resp: 114200
Ion Ratio Lower Upper
168 100
99 60.3 45.8 68.6



#3
Chloromethane
Concen: 0.407 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.005 min
Lab File: VX024333.D
Acq: 18 Sep 2021 01:46

Tgt Ion: 50 Resp: 466
Ion Ratio Lower Upper
50 100
52 36.3 26.4 39.6

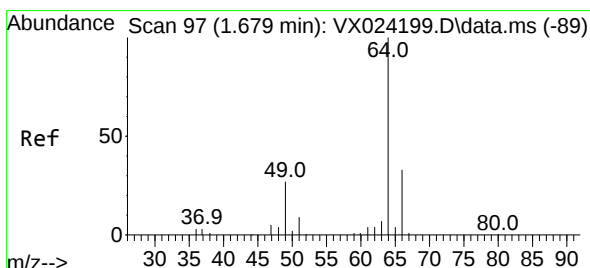
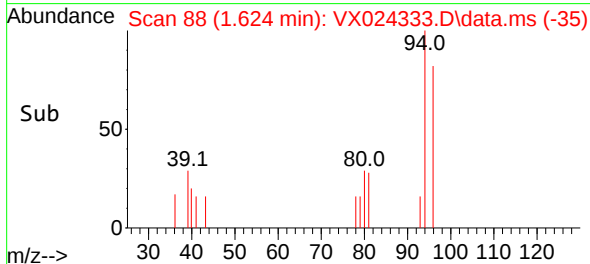
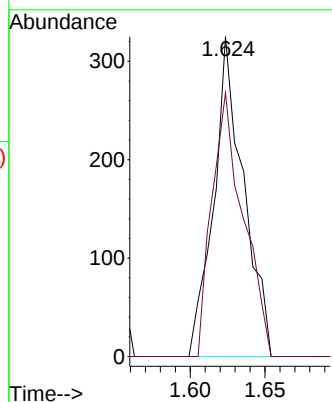
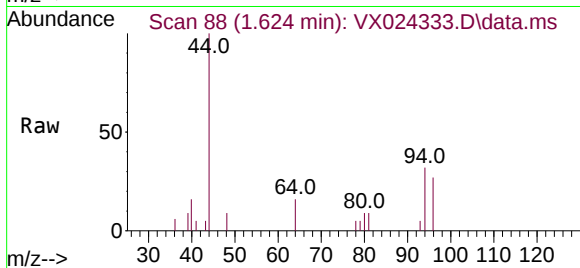




#5
Bromomethane
Concen: 0.664 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.025 min
Lab File: VX024333.D
Acq: 18 Sep 2021 01:46

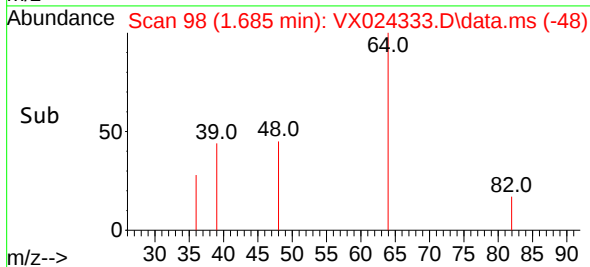
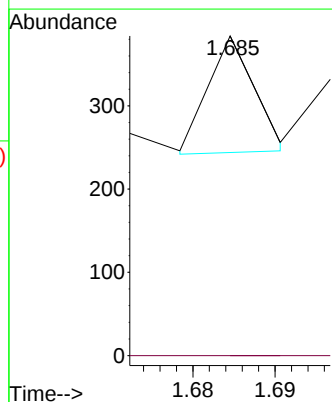
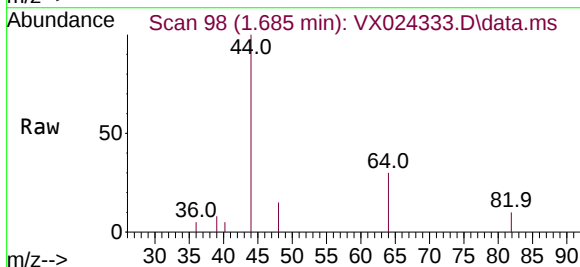
Instrument :
MSVOA_X
ClientSampleId :
BPOW1-8-20210914

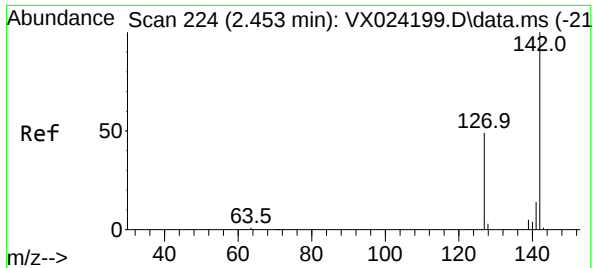
Tgt Ion: 94 Resp: 451
Ion Ratio Lower Upper
94 100
96 82.5 76.4 114.6



#6
Chloroethane
Concen: 2.061 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX024333.D
Acq: 18 Sep 2021 01:46

Tgt Ion: 64 Resp: 56
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#

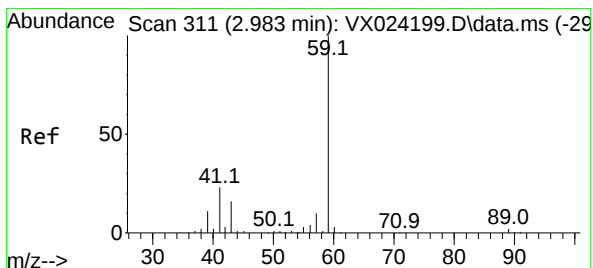
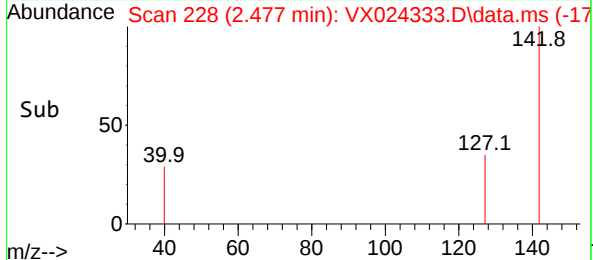
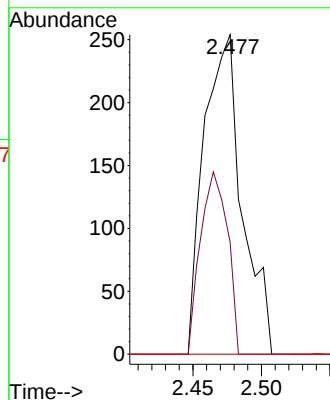
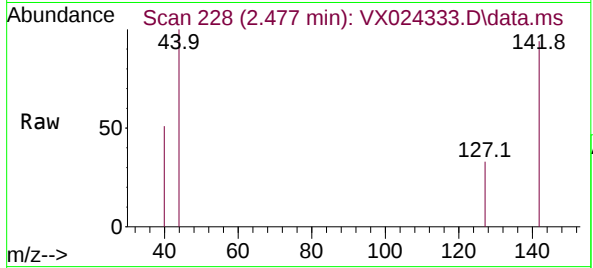




#10
Methyl Iodide
Concen: 0.316 ug/l
RT: 2.477 min Scan# 228
Delta R.T. 0.024 min
Lab File: VX024333.D
Acq: 18 Sep 2021 01:46

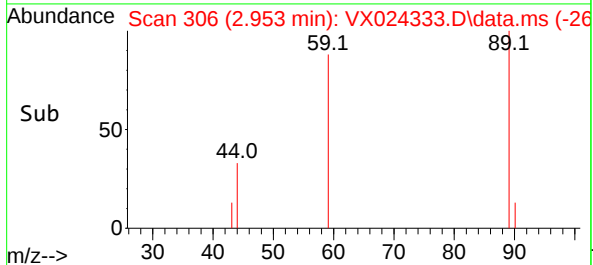
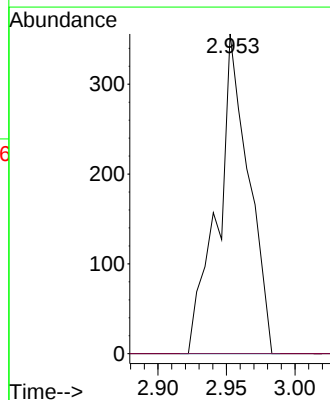
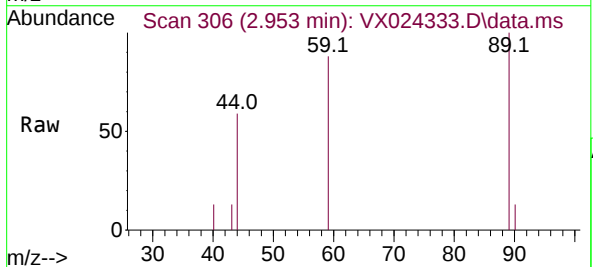
Instrument :
MSVOA_X
ClientSampleId :
BPOW1-8-20210914

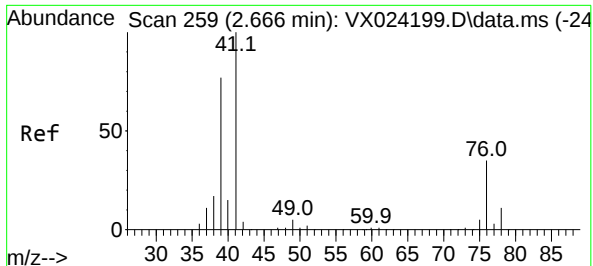
Tgt Ion:142 Resp: 492
Ion Ratio Lower Upper
142 100
127 40.4 33.3 49.9
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX024333.D
Acq: 18 Sep 2021 01:46

Tgt Ion: 59 Resp: 562
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

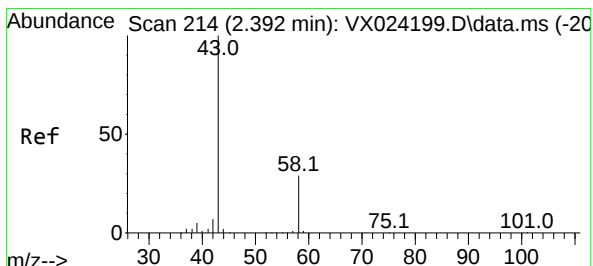
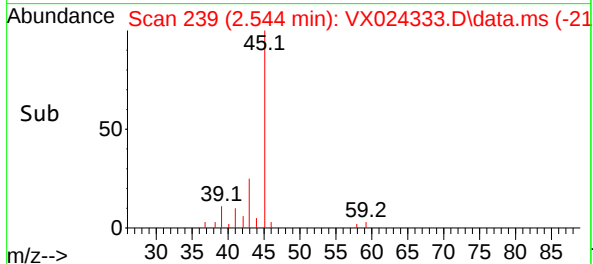
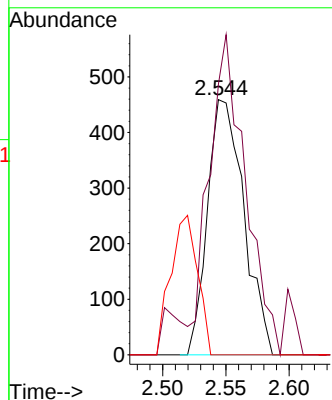
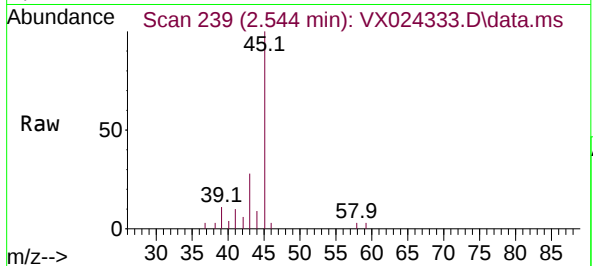




#14
 Allyl chloride
 Concen: 0.480 ug/l
 RT: 2.544 min Scan# 239
 Delta R.T. -0.122 min
 Lab File: VX024333.D
 Acq: 18 Sep 2021 01:46

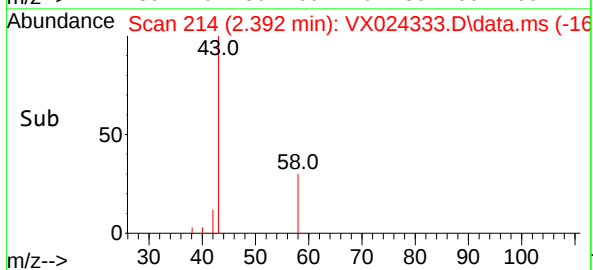
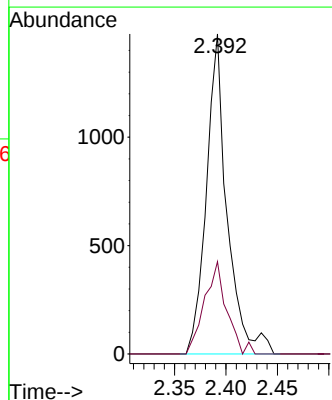
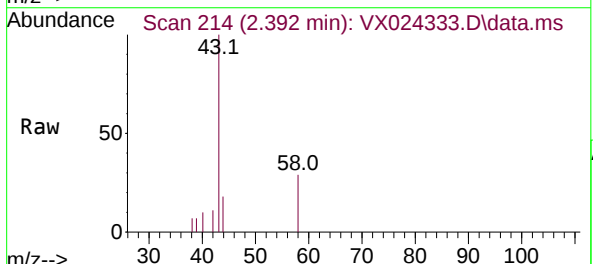
Instrument :
 MSVOA_X
 ClientSampleId :
 BPOW1-8-20210914

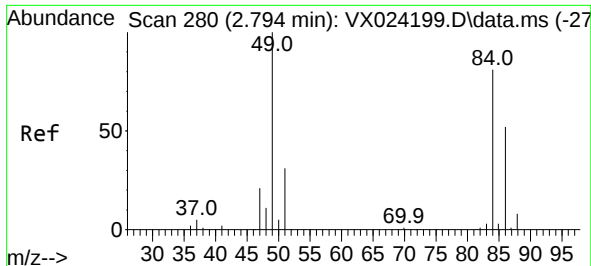
Tgt Ion:	41	Resp:	919
Ion	Ratio	Lower	Upper
41	100		
39	125.2	51.6	77.4#
76	0.0	30.5	45.7#



#16
 Acetone
 Concen: 2.978 ug/l
 RT: 2.392 min Scan# 214
 Delta R.T. -0.000 min
 Lab File: VX024333.D
 Acq: 18 Sep 2021 01:46

Tgt Ion:	43	Resp:	2068
Ion	Ratio	Lower	Upper
43	100		
58	28.9	27.8	41.8





#20

Methylene Chloride

Concen: 0.322 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX024333.D

Acq: 18 Sep 2021 01:46

Tgt Ion: 84 Resp: 430

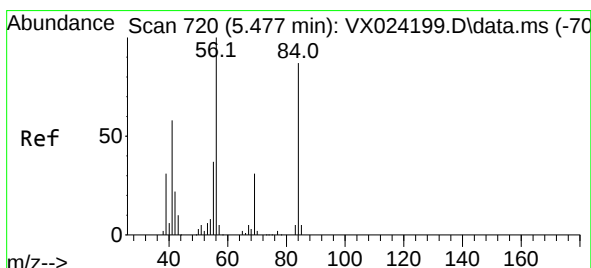
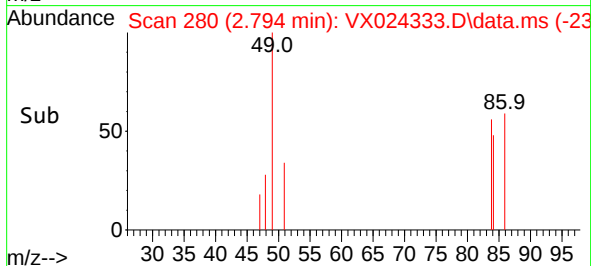
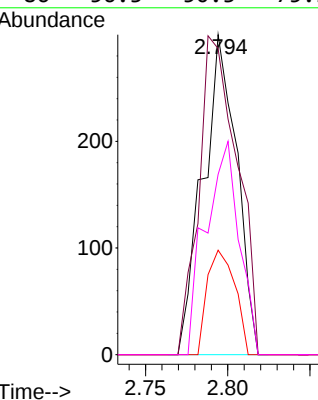
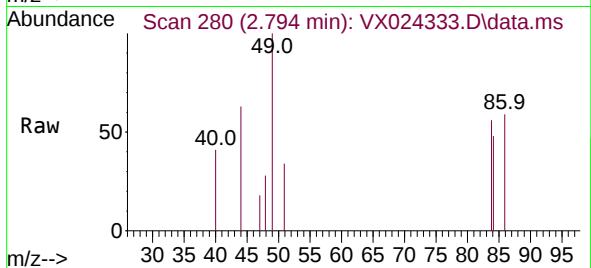
Ion Ratio Lower Upper

84 100

49 95.7 88.6 132.8

51 32.7 27.0 40.6

86 56.3 50.3 75.5



#31

Cyclohexane

Concen: 1.432 ug/l

RT: 5.568 min Scan# 735

Delta R.T. 0.091 min

Lab File: VX024333.D

Acq: 18 Sep 2021 01:46

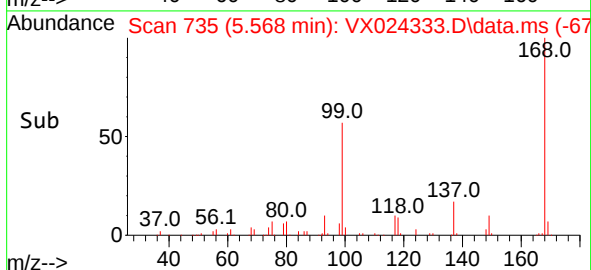
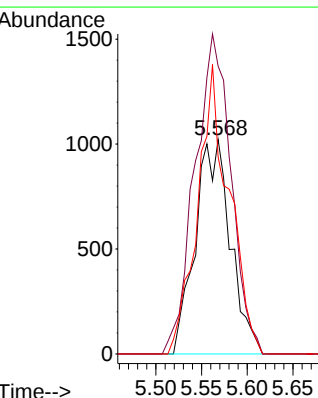
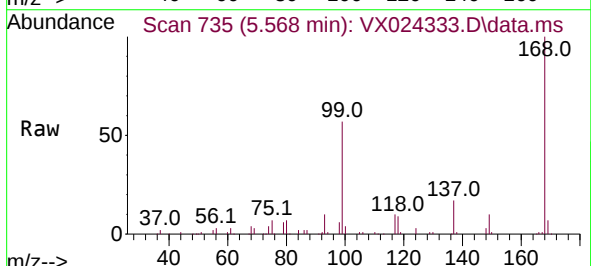
Tgt Ion: 56 Resp: 2728

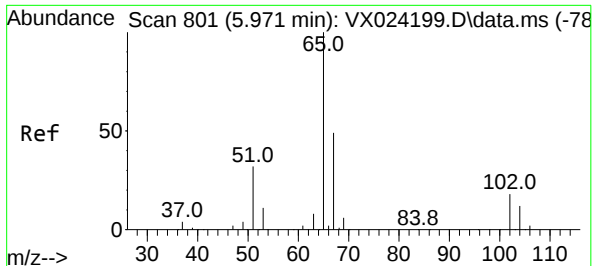
Ion Ratio Lower Upper

56 100

69 134.2 25.3 37.9#

84 92.0 71.4 107.0





#33

1,2-Dichloroethane-d4

Concen: 51.584 ug/l

RT: 5.964 min Scan# 800

Delta R.T. -0.007 min

Lab File: VX024333.D

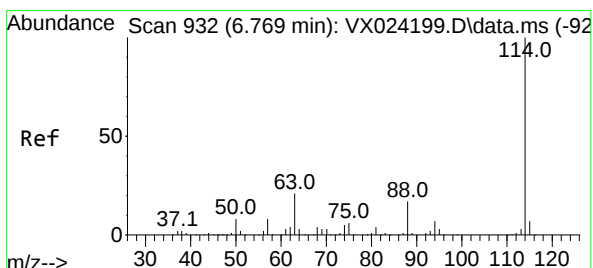
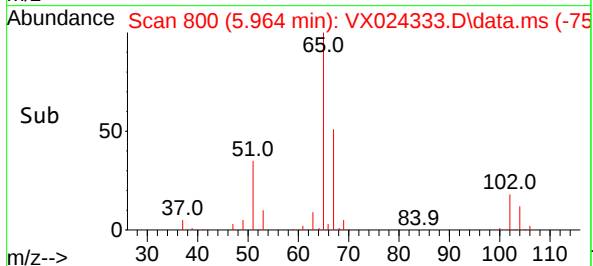
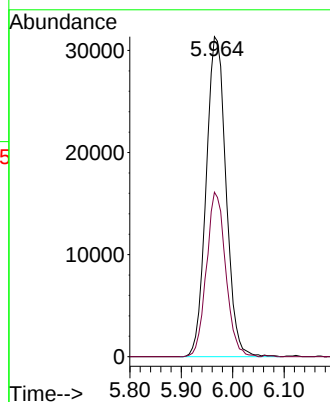
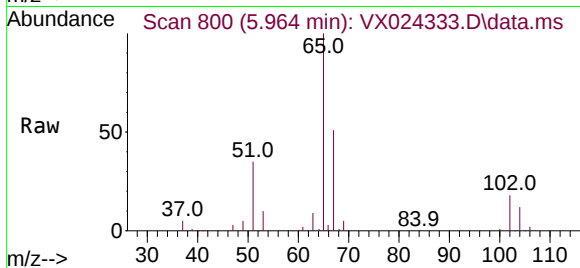
Acq: 18 Sep 2021 01:46

Tgt Ion: 65 Resp: 84003

Ion Ratio Lower Upper

65 100

67 49.9 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: VX024333.D

Acq: 18 Sep 2021 01:46

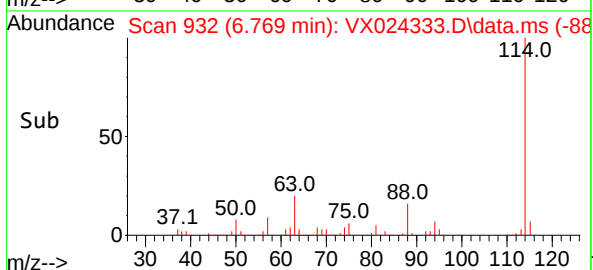
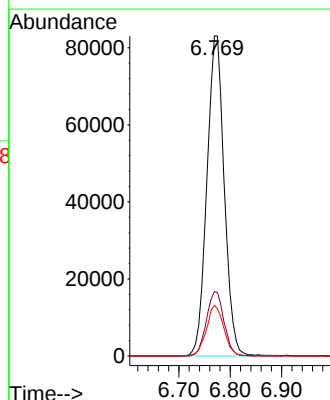
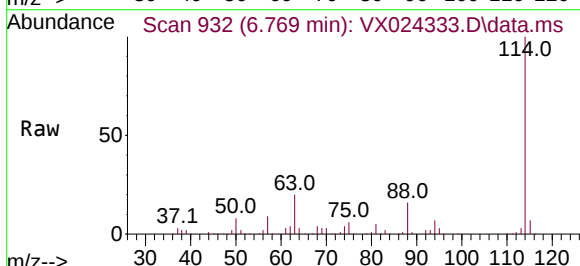
Tgt Ion: 114 Resp: 195008

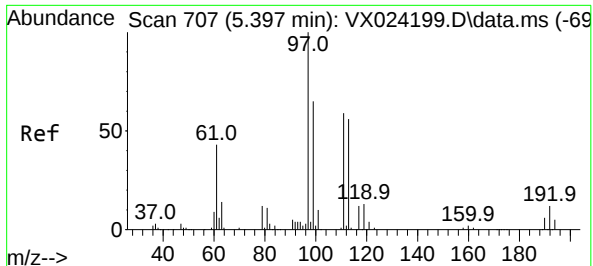
Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.8

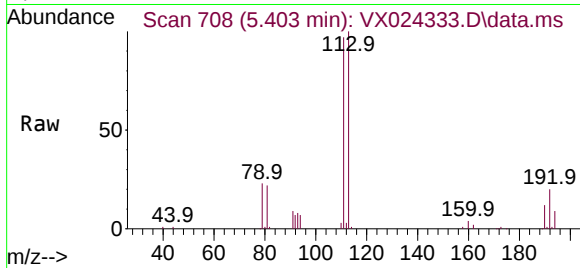
88 15.8 0.0 32.8



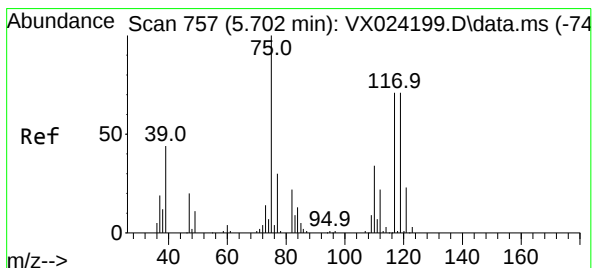
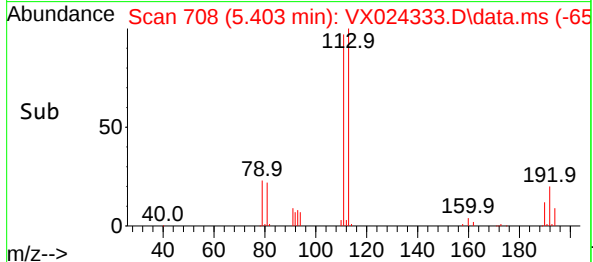
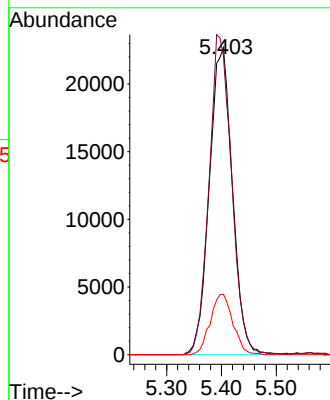


#35
Dibromofluoromethane
Concen: 50.765 ug/l
RT: 5.403 min Scan# 708
Delta R.T. 0.006 min
Lab File: VX024333.D
Acq: 18 Sep 2021 01:46

Instrument :
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ClientSampleId :
BPOW1-8-20210914

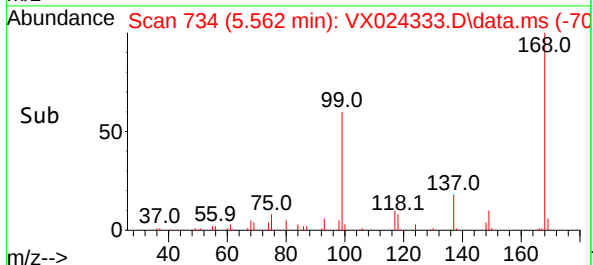
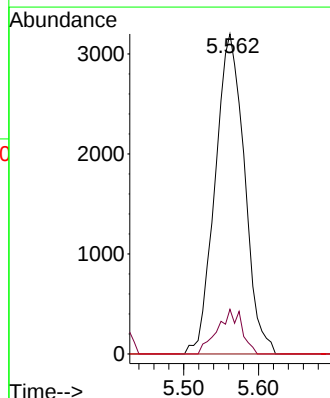
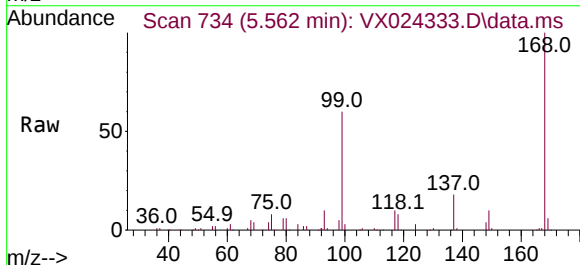


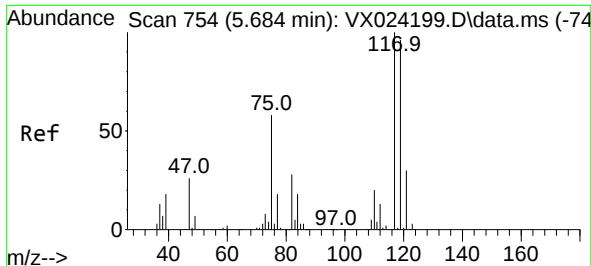
Tgt Ion:113 Resp: 66391
Ion Ratio Lower Upper
113 100
111 102.1 81.9 122.9
192 19.3 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.863 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX024333.D
Acq: 18 Sep 2021 01:46

Tgt Ion: 75 Resp: 8719
Ion Ratio Lower Upper
75 100
110 11.6 18.1 54.4#
77 0.0 25.3 37.9#

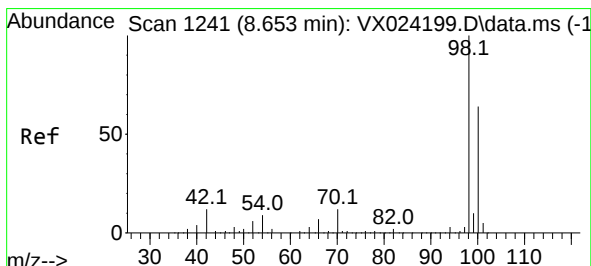
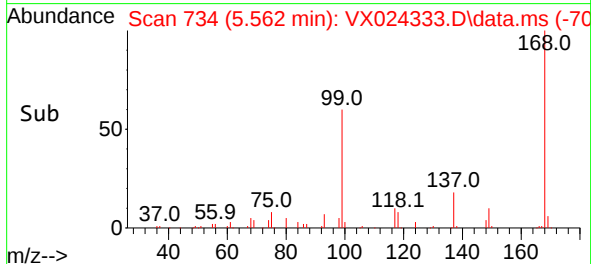
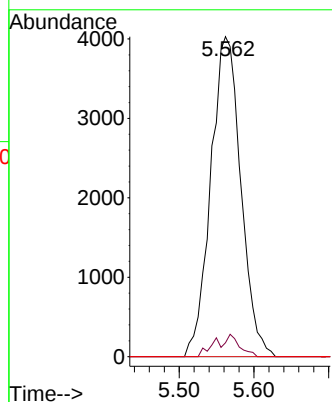
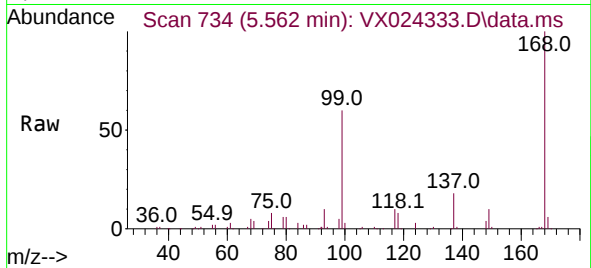




#38
Carbon Tetrachloride
Concen: 5.581 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX024333.D
Acq: 18 Sep 2021 01:46

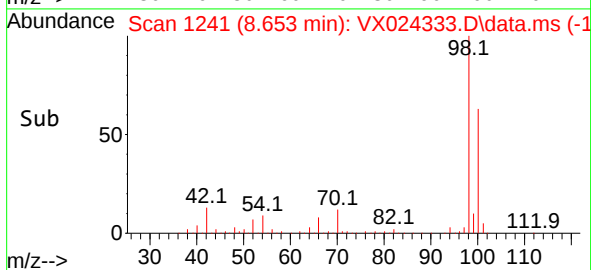
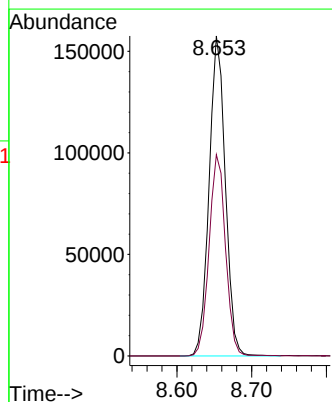
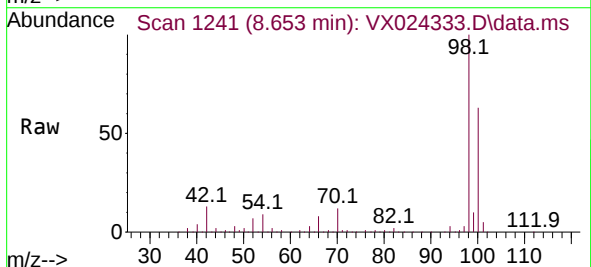
Instrument :
MSVOA_X
ClientSampleId :
BPOW1-8-20210914

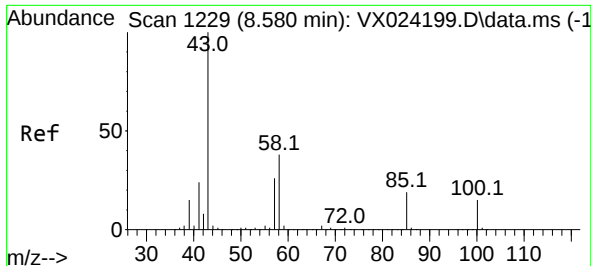
Tgt Ion:117 Resp: 11263
Ion Ratio Lower Upper
117 100
119 4.3 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 49.804 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024333.D
Acq: 18 Sep 2021 01:46

Tgt Ion: 98 Resp: 237279
Ion Ratio Lower Upper
98 100
100 63.7 51.9 77.9

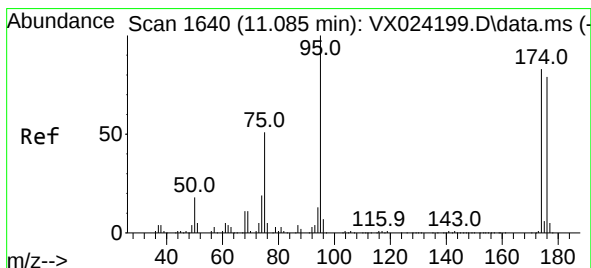
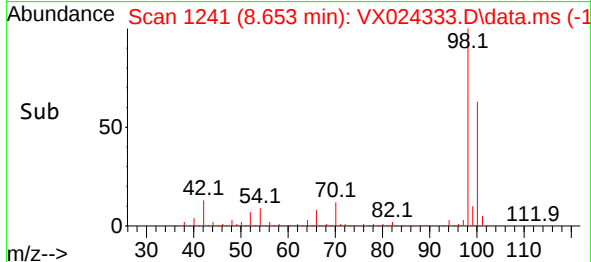
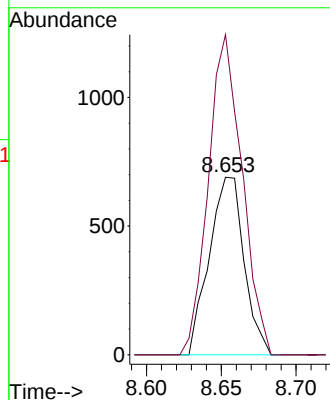
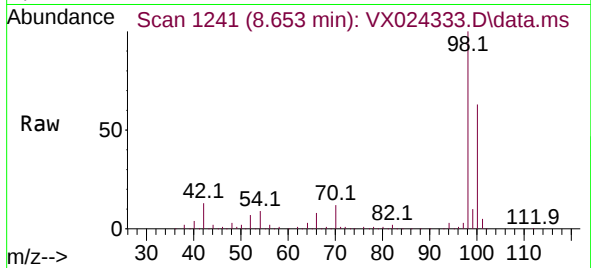




#51
4-Methyl-2-Pentanone
Concen: 0.527 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX024333.D
Acq: 18 Sep 2021 01:46

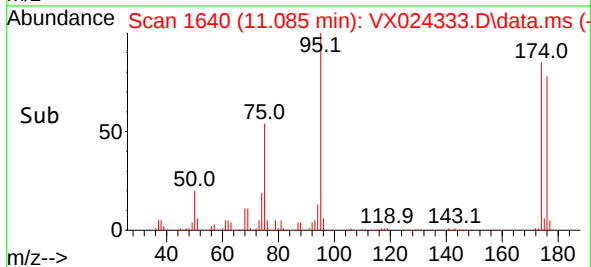
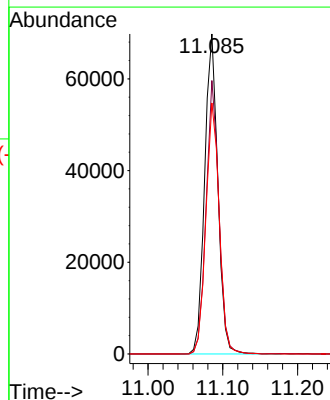
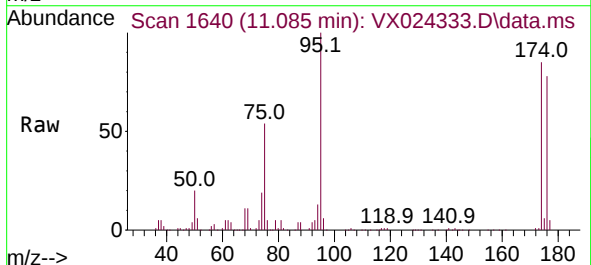
Instrument :
MSVOA_X
ClientSampleId :
BPOW1-8-20210914

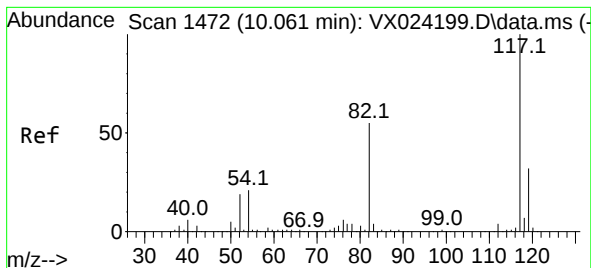
Tgt Ion: 43 Resp: 1117
Ion Ratio Lower Upper
43 100
58 175.1 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 46.136 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024333.D
Acq: 18 Sep 2021 01:46

Tgt Ion: 95 Resp: 85541
Ion Ratio Lower Upper
95 100
174 82.9 0.0 154.6
176 79.4 0.0 155.8

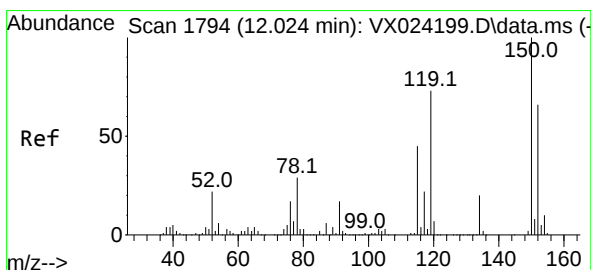
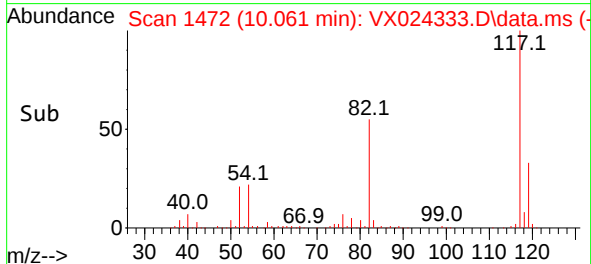
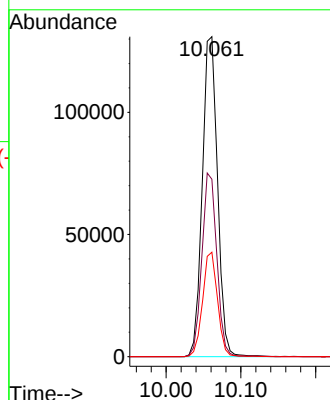
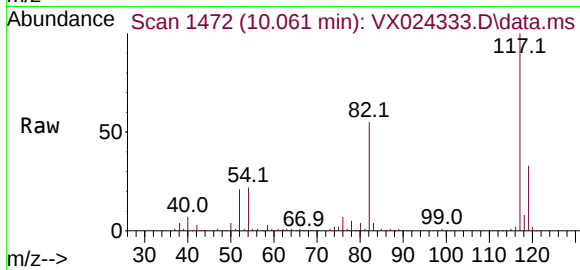




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX024333.D
Acq: 18 Sep 2021 01:46

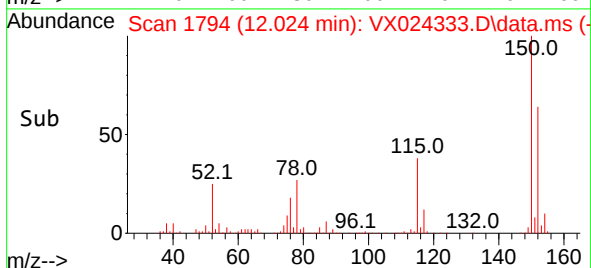
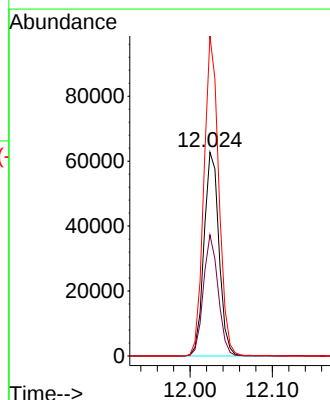
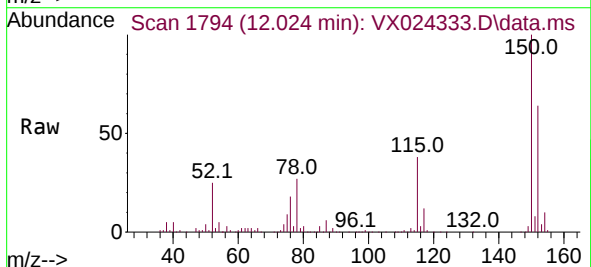
Instrument :
MSVOA_X
ClientSampleId :
BPOW1-8-20210914

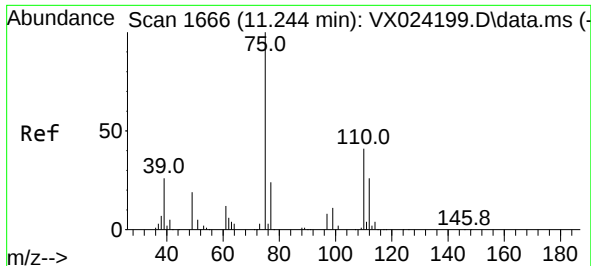
Tgt Ion:117 Resp: 185389
Ion Ratio Lower Upper
117 100
82 55.5 47.4 71.2
119 32.7 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024333.D
Acq: 18 Sep 2021 01:46

Tgt Ion:152 Resp: 79413
Ion Ratio Lower Upper
152 100
115 58.6 41.1 123.3
150 155.7 0.0 349.0

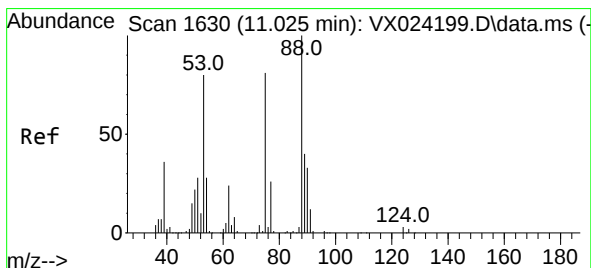
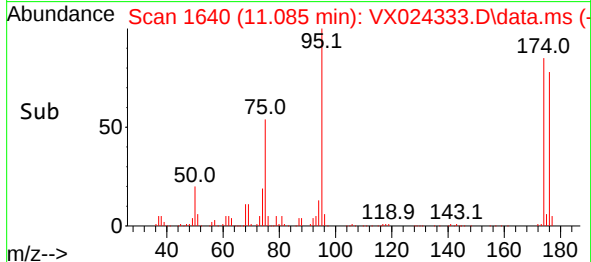
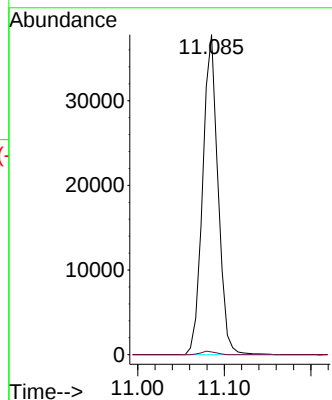
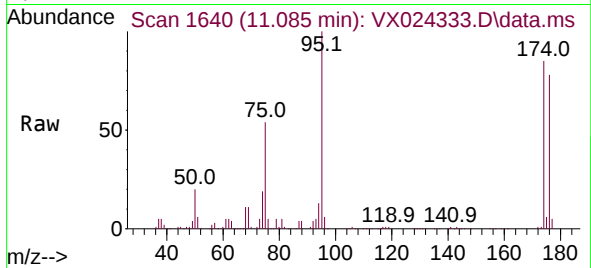




#76
1,2,3-Trichloropropane
Concen: 25.415 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024333.D
Acq: 18 Sep 2021 01:46

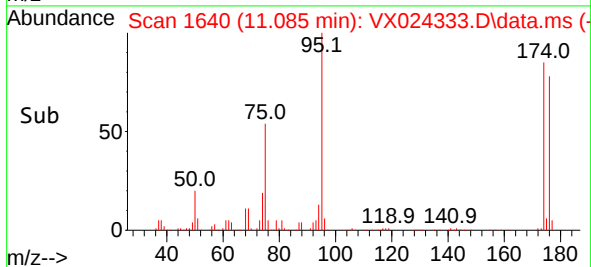
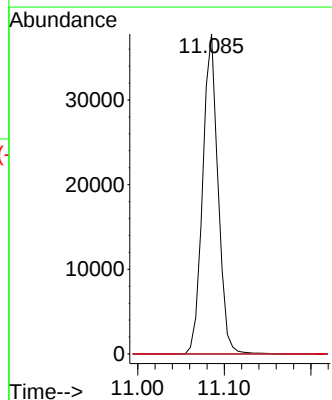
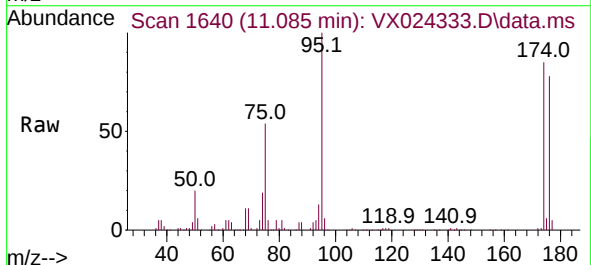
Instrument :
MSVOA_X
ClientSampleId :
BPOW1-8-20210914

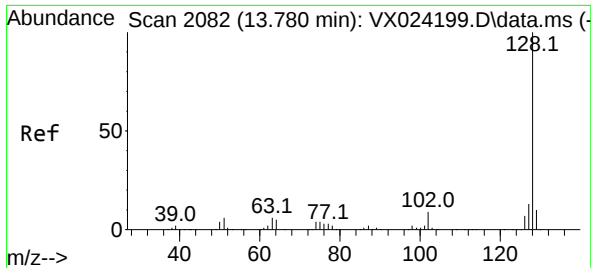
Tgt Ion: 75 Resp: 46409
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.747 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX024333.D
Acq: 18 Sep 2021 01:46

Tgt Ion: 75 Resp: 46409
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 1.295 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX024333.D
Acq: 18 Sep 2021 01:46

Instrument :
MSVOA_X
ClientSampleId :
BPOW1-8-20210914

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

