

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121624\
 Data File : VX044332.D
 Acq On : 16 Dec 2024 18:26
 Operator : JC/MD
 Sample : P5280-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPOW6-7-20241212

Quant Time: Dec 17 00:54:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 04:28:14 2024
 Response via : Initial Calibration

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

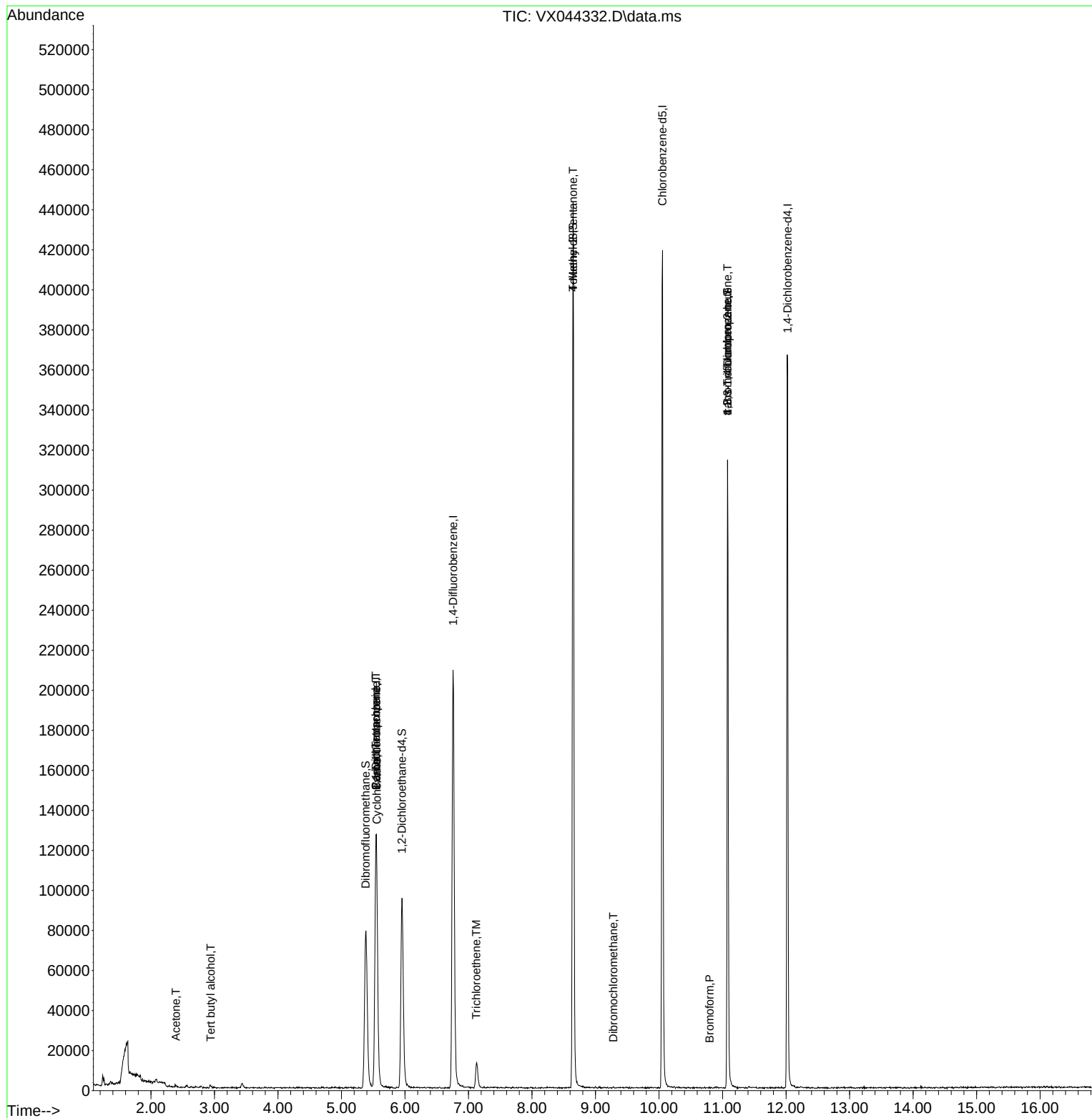
Internal Standards						
1) Pentafluorobenzene	5.550	168	113355	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	210532	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	182215	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	71993	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	92471	46.527	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.060%
35) Dibromofluoromethane	5.379	113	68856	47.222	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.440%
50) Toluene-d8	8.647	98	255542	51.947	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.900%
62) 4-Bromofluorobenzene	11.079	95	81479	47.401	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	94.800%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.940	59	300	1.071	ug/l #	71
16) Acetone	2.392	43	804	0.992	ug/l	93
31) Cyclohexane	5.556	56	3015	1.406	ug/l #	48
36) 1,1-Dichloropropene	5.543	75	9963	5.286	ug/l #	50
38) Carbon Tetrachloride	5.543	117	13056	6.434	ug/l #	17
44) Trichloroethene	7.122	130	5438	3.811	ug/l	94
51) 4-Methyl-2-Pentanone	8.647	43	1248	0.533	ug/l #	1
60) Dibromochloromethane	9.281	129	83	1.287	ug/l #	11
71) Bromoform	10.799	173	48	1.289	ug/l #	29
76) 1,2,3-Trichloropropane	11.079	75	44216	27.507	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	44216	75.606	ug/l #	4

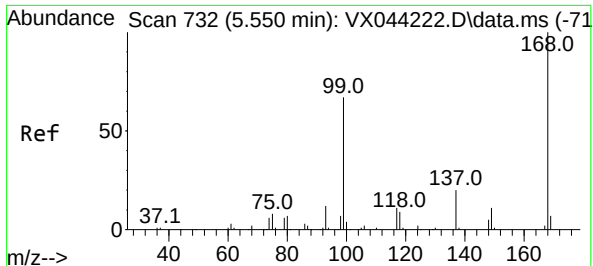
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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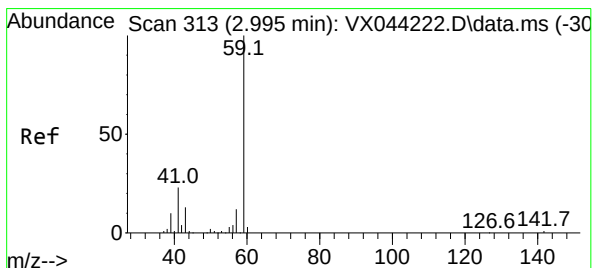
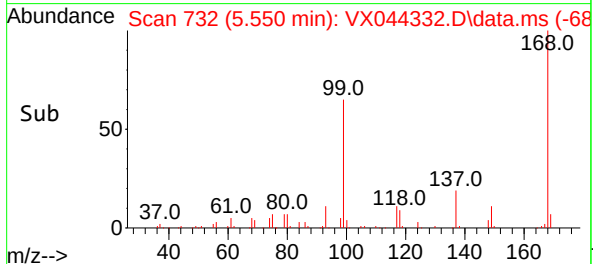
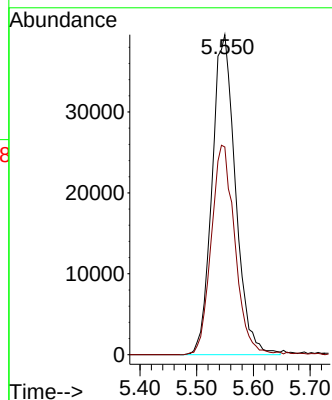
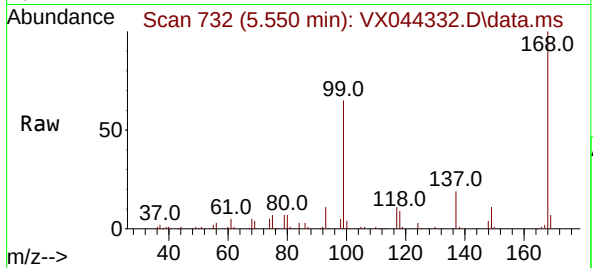




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX044332.D
Acq: 16 Dec 2024 18:26

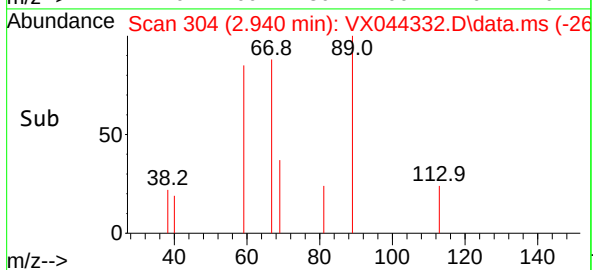
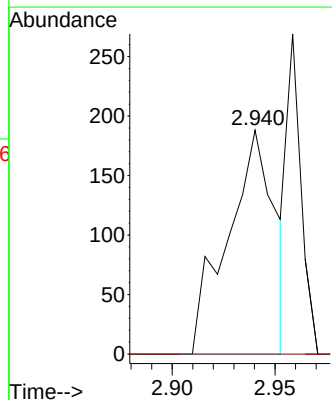
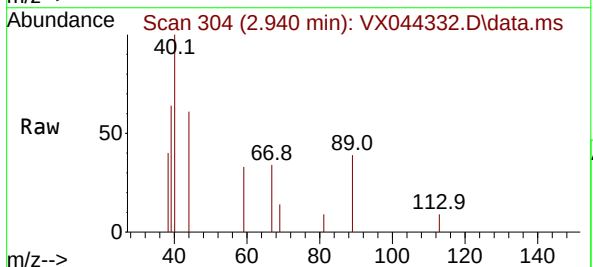
Instrument :
MSVOA_X
ClientSampleId :
BPOW6-7-20241212

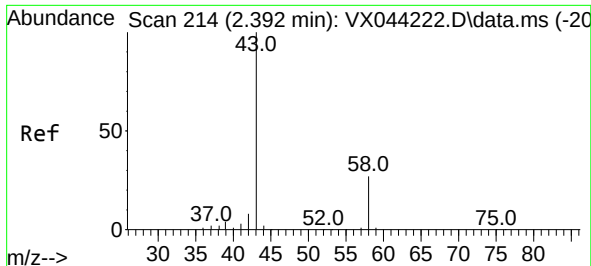
Tgt Ion:168 Resp: 113355
Ion Ratio Lower Upper
168 100
99 64.9 53.4 80.0



#11
Tert butyl alcohol
Concen: 1.071 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.055 min
Lab File: VX044332.D
Acq: 16 Dec 2024 18:26

Tgt Ion: 59 Resp: 300
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#

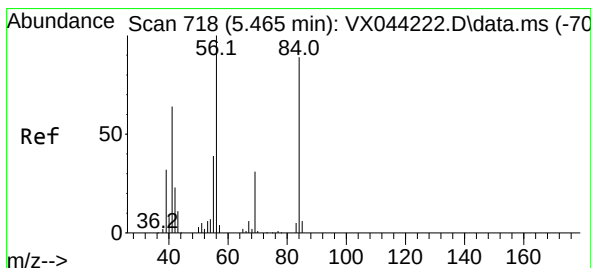
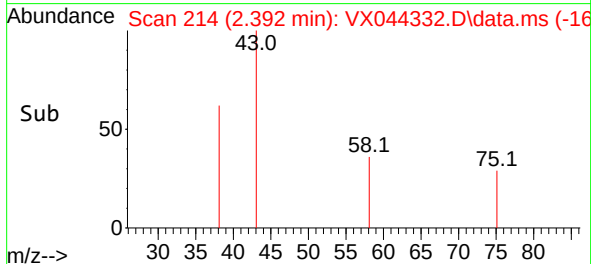
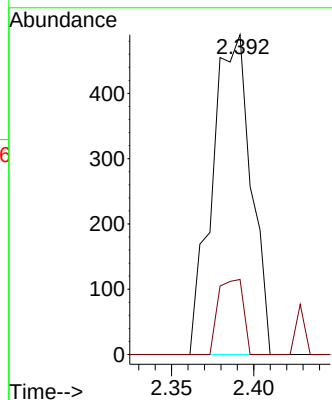
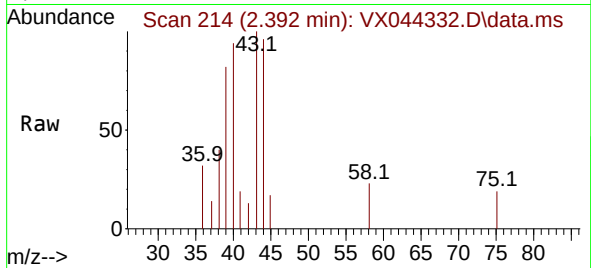




#16
Acetone
Concen: 0.992 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX044332.D
Acq: 16 Dec 2024 18:26

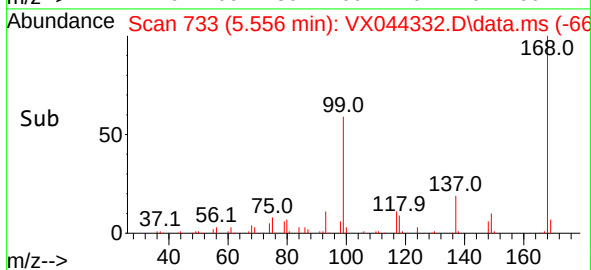
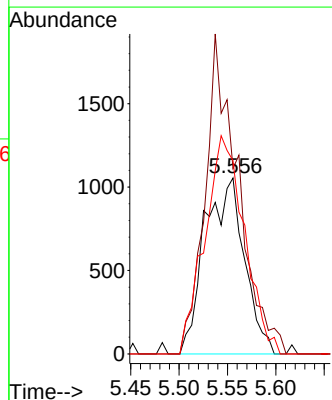
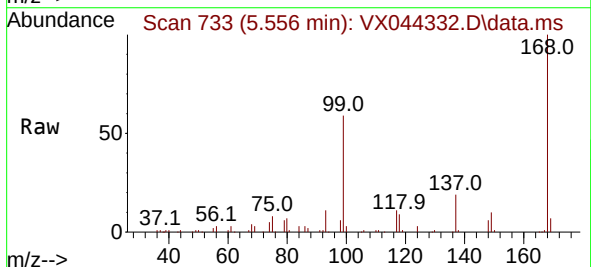
Instrument :
MSVOA_X
ClientSampleId :
BPOW6-7-20241212

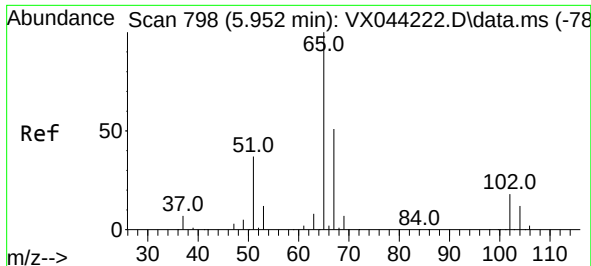
Tgt Ion: 43 Resp: 804
Ion Ratio Lower Upper
43 100
58 23.5 21.6 32.4



#31
Cyclohexane
Concen: 1.406 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.091 min
Lab File: VX044332.D
Acq: 16 Dec 2024 18:26

Tgt Ion: 56 Resp: 3015
Ion Ratio Lower Upper
56 100
69 105.3 24.7 37.1#
84 109.9 71.0 106.6#





#33

1,2-Dichloroethane-d4

Concen: 46.527 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX044332.D

Acq: 16 Dec 2024 18:26

Instrument :

MSVOA_X

ClientSampleId :

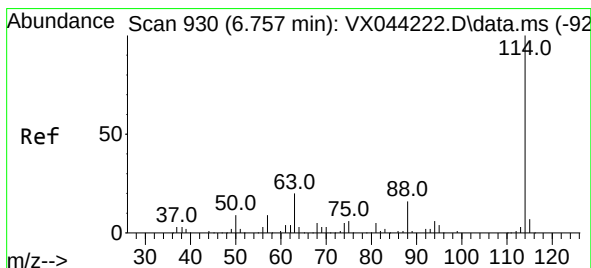
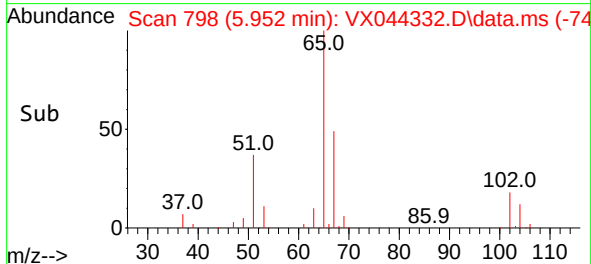
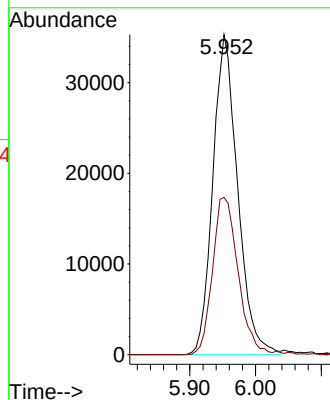
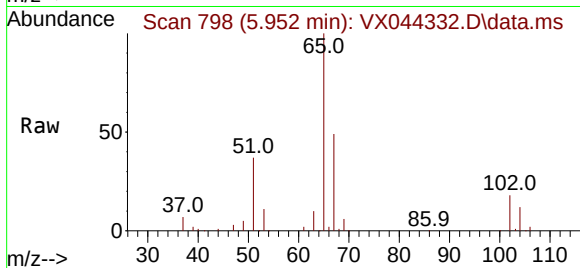
BPOW6-7-20241212

Tgt Ion: 65 Resp: 92471

Ion Ratio Lower Upper

65 100

67 50.9 0.0 101.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX044332.D

Acq: 16 Dec 2024 18:26

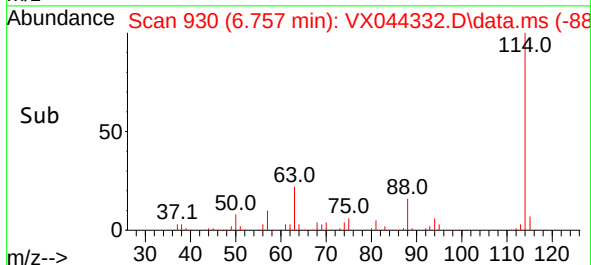
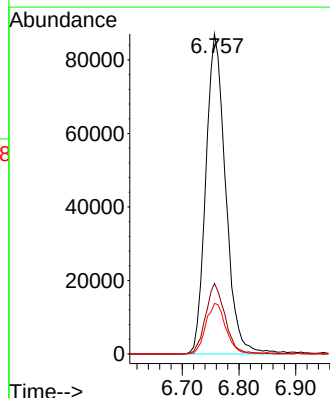
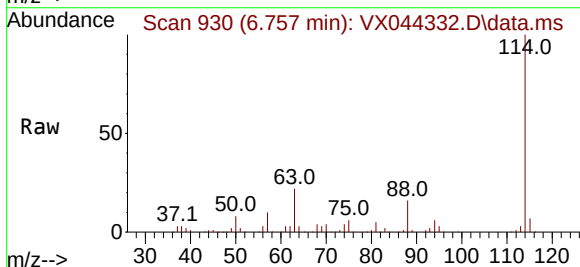
Tgt Ion: 114 Resp: 210532

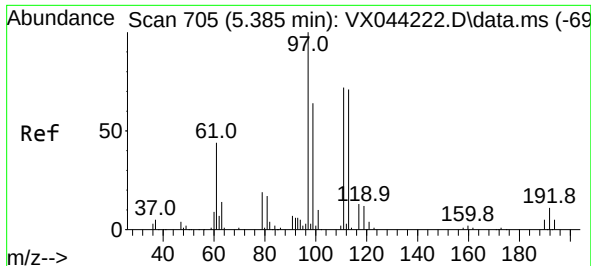
Ion Ratio Lower Upper

114 100

63 22.1 0.0 40.6

88 15.8 0.0 31.8

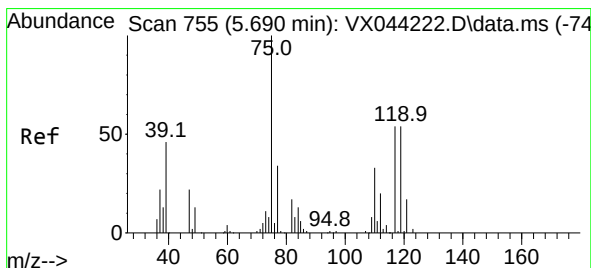
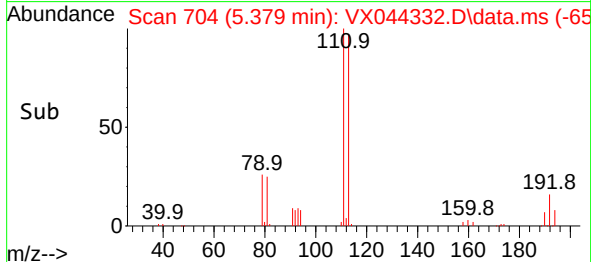
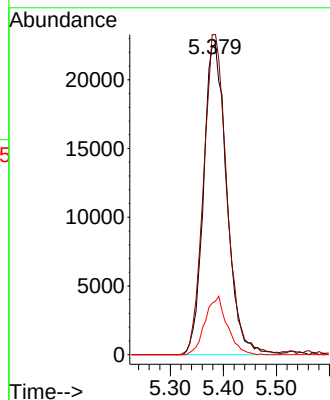
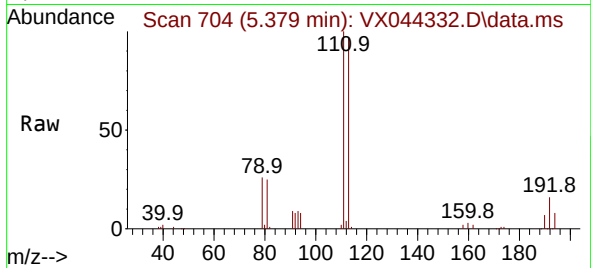




#35
Dibromofluoromethane
Concen: 47.222 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX044332.D
Acq: 16 Dec 2024 18:26

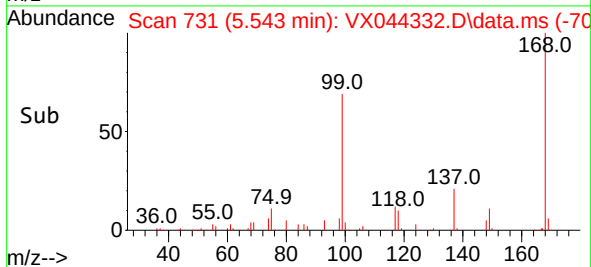
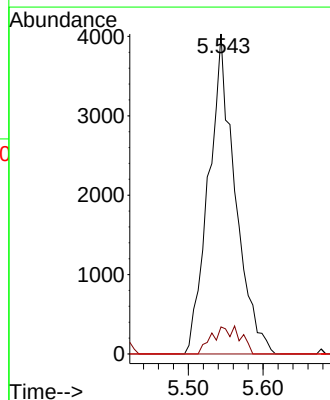
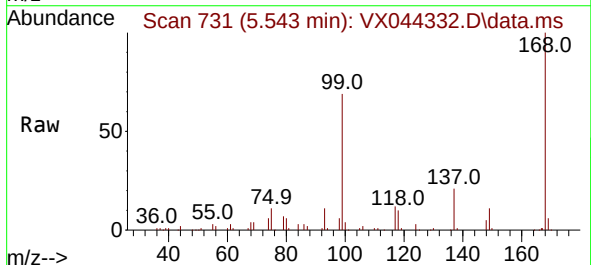
Instrument :
MSVOA_X
ClientSampleId :
BPOW6-7-20241212

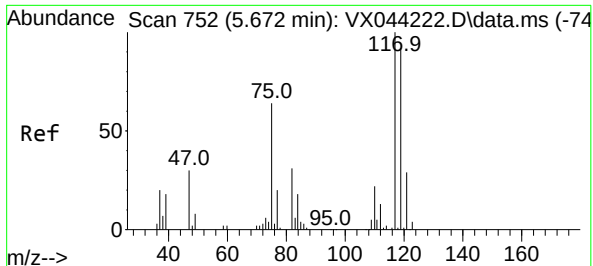
Tgt Ion:113 Resp: 68856
Ion Ratio Lower Upper
113 100
111 102.9 80.4 120.6
192 17.8 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.286 ug/l
RT: 5.543 min Scan# 731
Delta R.T. -0.147 min
Lab File: VX044332.D
Acq: 16 Dec 2024 18:26

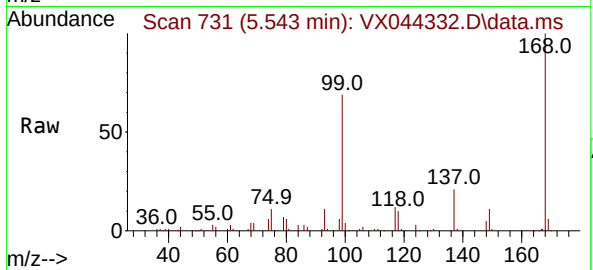
Tgt Ion: 75 Resp: 9963
Ion Ratio Lower Upper
75 100
110 9.1 17.3 51.7#
77 0.0 25.4 38.0#



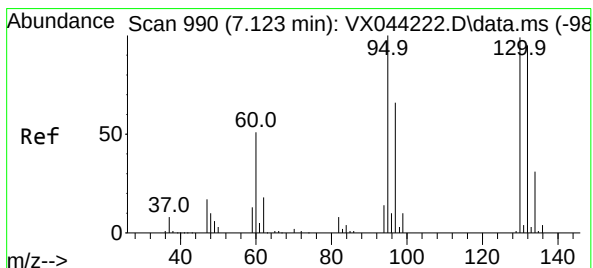
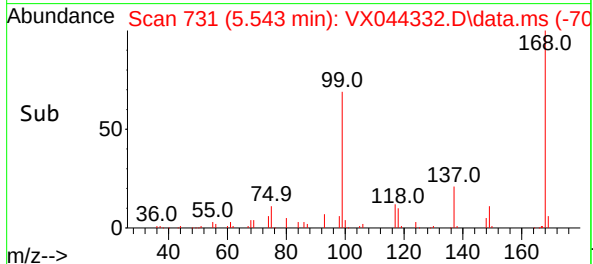
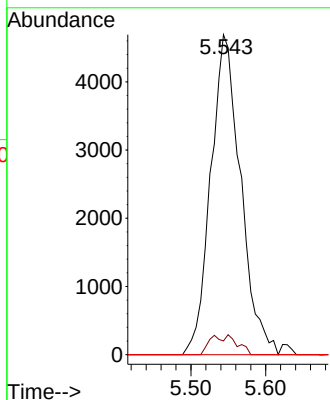


#38
Carbon Tetrachloride
Concen: 6.434 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX044332.D
Acq: 16 Dec 2024 18:26

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-7-20241212

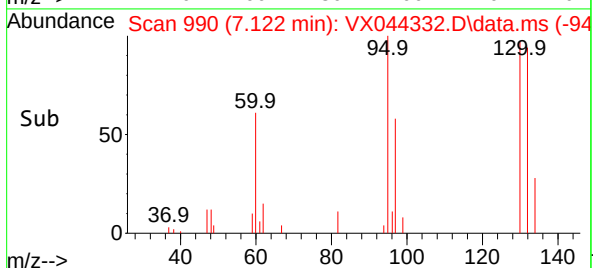
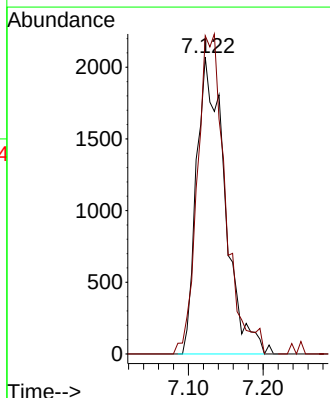
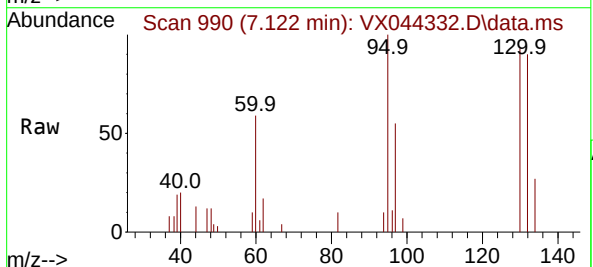


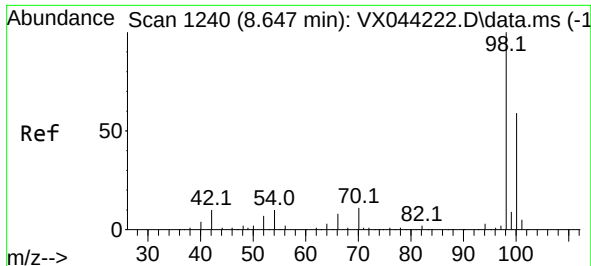
Tgt Ion:117 Resp: 13056
Ion Ratio Lower Upper
117 100
119 4.3 74.2 111.4#
121 0.0 23.0 34.6#



#44
Trichloroethene
Concen: 3.811 ug/l
RT: 7.122 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX044332.D
Acq: 16 Dec 2024 18:26

Tgt Ion:130 Resp: 5438
Ion Ratio Lower Upper
130 100
95 107.2 0.0 201.4

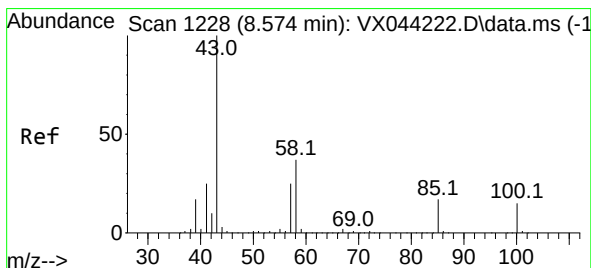
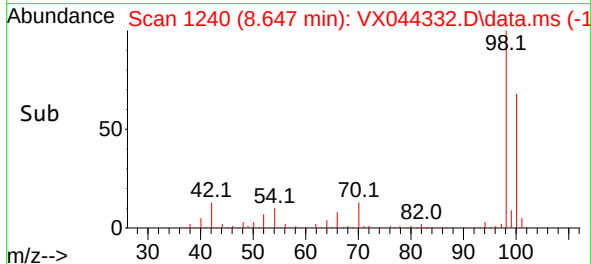
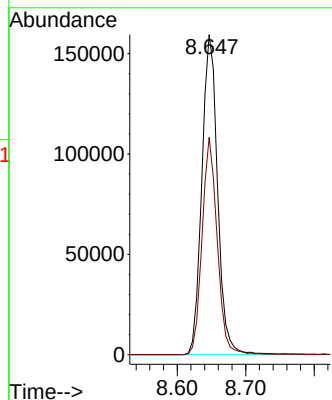
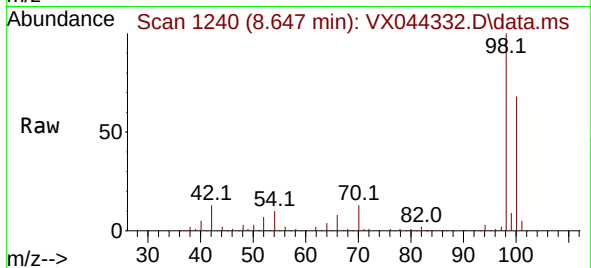




#50
Toluene-d8
Concen: 51.947 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX044332.D
Acq: 16 Dec 2024 18:26

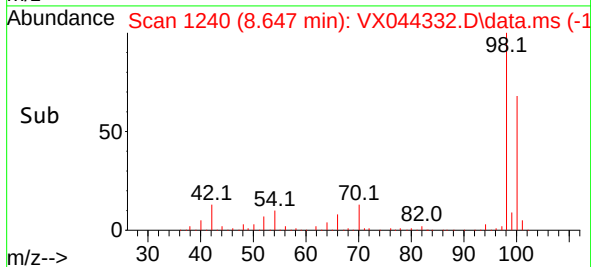
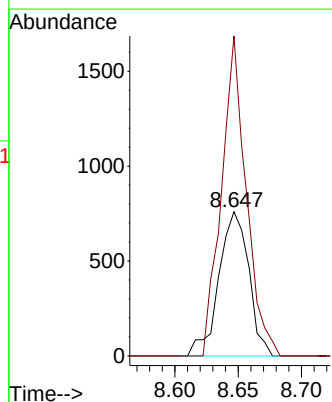
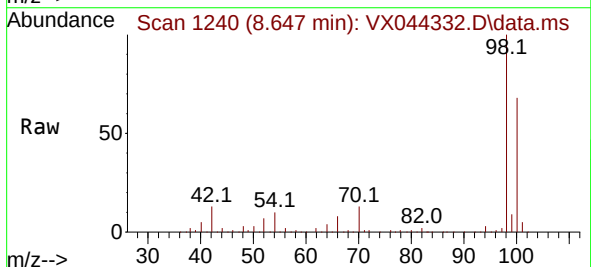
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MSVOA_X
ClientSampleId :
BPOW6-7-20241212

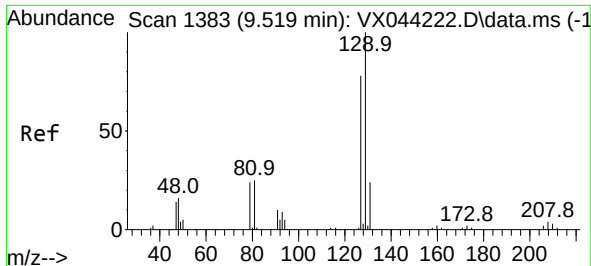
Tgt Ion: 98 Resp: 255542
Ion Ratio Lower Upper
98 100
100 65.2 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.533 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX044332.D
Acq: 16 Dec 2024 18:26

Tgt Ion: 43 Resp: 1248
Ion Ratio Lower Upper
43 100
58 183.7 29.4 44.0#

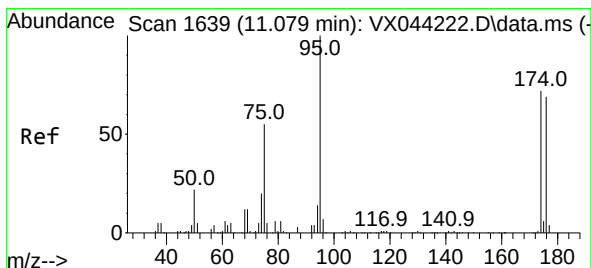
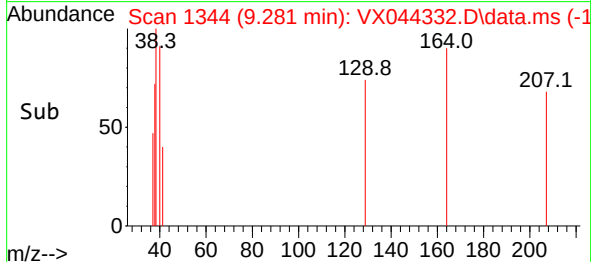
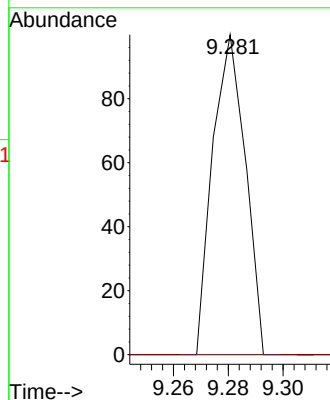
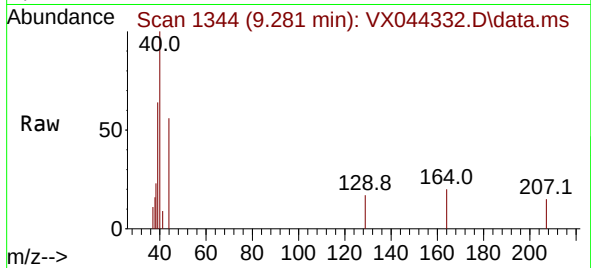




#60
Dibromochloromethane
Concen: 1.287 ug/l
RT: 9.281 min Scan# 11
Delta R.T. -0.238 min
Lab File: VX044332.D
Acq: 16 Dec 2024 18:26

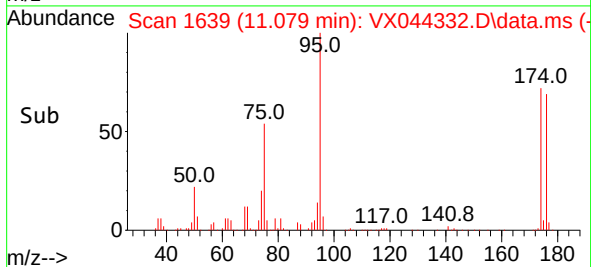
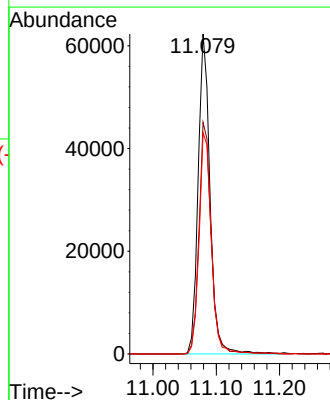
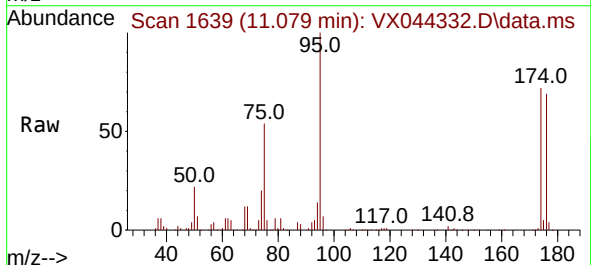
Instrument :
MSVOA_X
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BPOW6-7-20241212

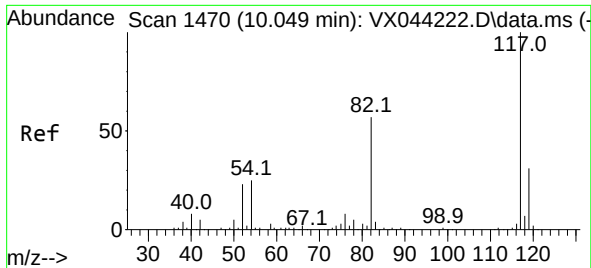
Tgt Ion:129 Resp: 83
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.3#



#62
4-Bromofluorobenzene
Concen: 47.401 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044332.D
Acq: 16 Dec 2024 18:26

Tgt Ion: 95 Resp: 81479
Ion Ratio Lower Upper
95 100
174 74.8 0.0 145.8
176 71.2 0.0 137.8

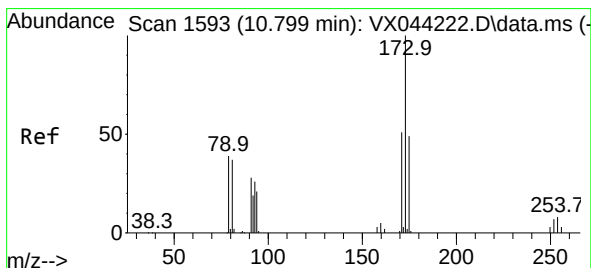
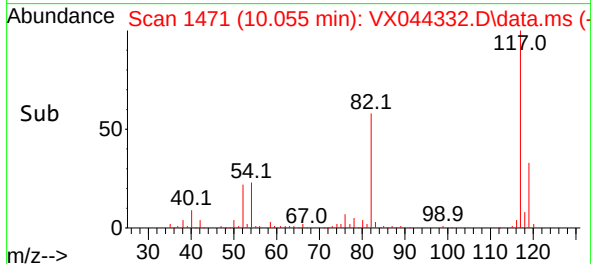
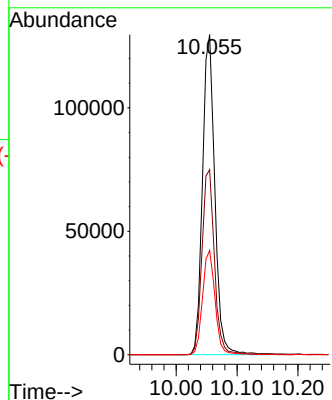
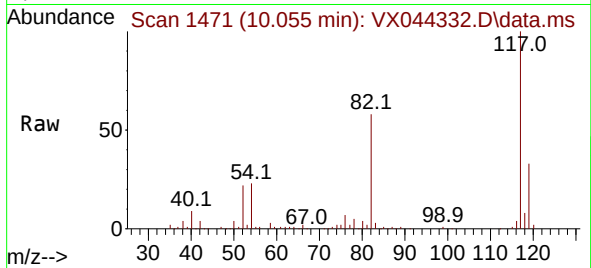




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX044332.D
Acq: 16 Dec 2024 18:26

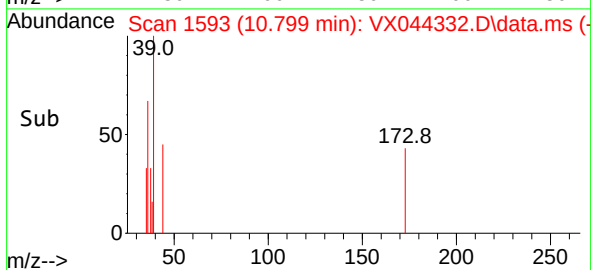
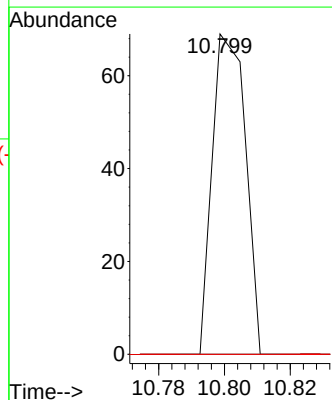
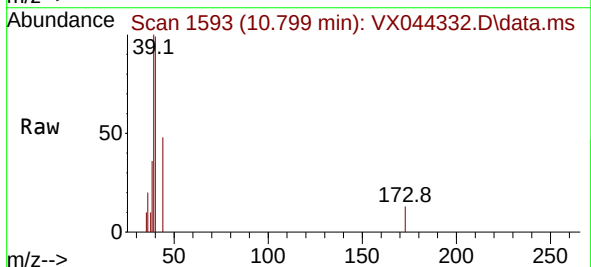
Instrument :
MSVOA_X
ClientSampleId :
BPOW6-7-20241212

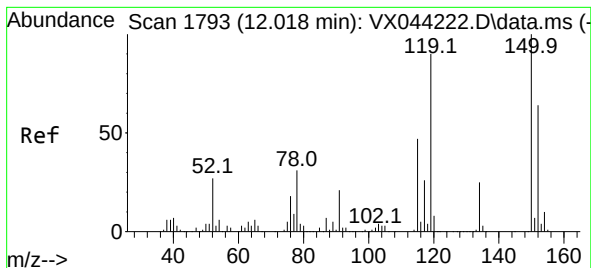
Tgt Ion:117 Resp: 182215
Ion Ratio Lower Upper
117 100
82 57.8 45.8 68.8
119 32.6 25.0 37.4



#71
Bromoform
Concen: 1.289 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX044332.D
Acq: 16 Dec 2024 18:26

Tgt Ion:173 Resp: 48
Ion Ratio Lower Upper
173 100
175 0.0 23.8 71.4#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX044332.D

Acq: 16 Dec 2024 18:26

Instrument :

MSVOA_X

ClientSampleId :

BPOW6-7-20241212

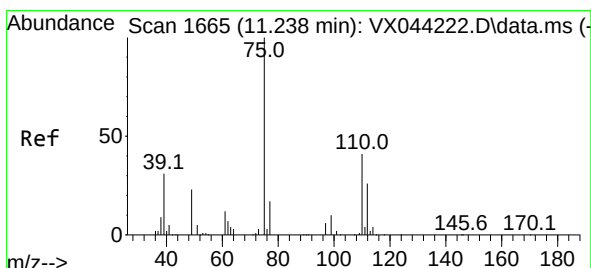
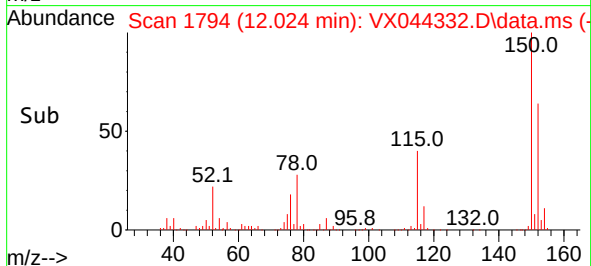
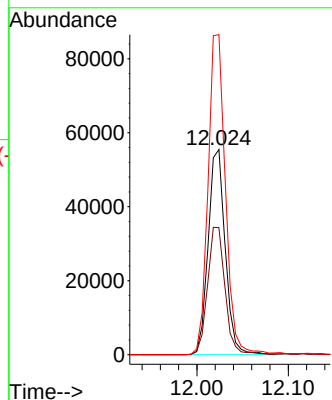
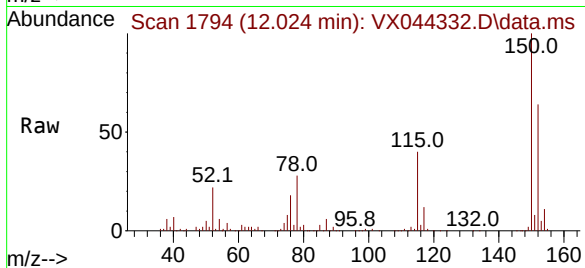
Tgt Ion:152 Resp: 71993

Ion Ratio Lower Upper

152 100

115 63.2 44.5 133.3

150 159.2 0.0 353.8



#76

1,2,3-Trichloropropane

Concen: 27.507 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX044332.D

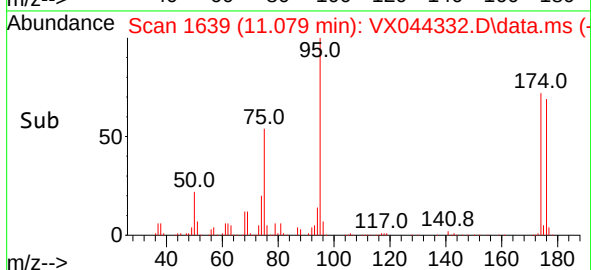
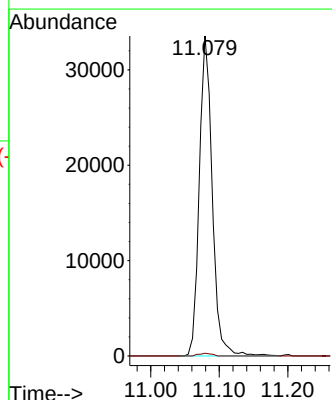
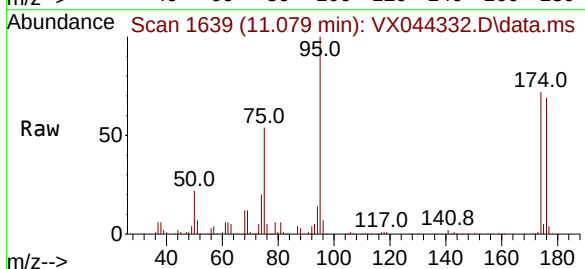
Acq: 16 Dec 2024 18:26

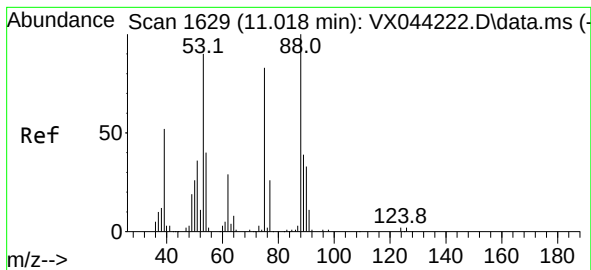
Tgt Ion: 75 Resp: 44216

Ion Ratio Lower Upper

75 100

77 0.9 20.9 62.7#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 75.606 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX044332.D
 Acq: 16 Dec 2024 18:26

Instrument :
 MSVOA_X
 ClientSampleId :
 BPOW6-7-20241212

Tgt Ion: 75 Resp: 44216
 Ion Ratio Lower Upper
 75 100
 53 0.0 93.6 140.4#
 89 0.0 37.3 55.9#

