

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121824\
 Data File : VX044390.D
 Acq On : 18 Dec 2024 17:55
 Operator : JC/MD
 Sample : P5281-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPOW1-8-20241212

Quant Time: Dec 19 00:50:41 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)

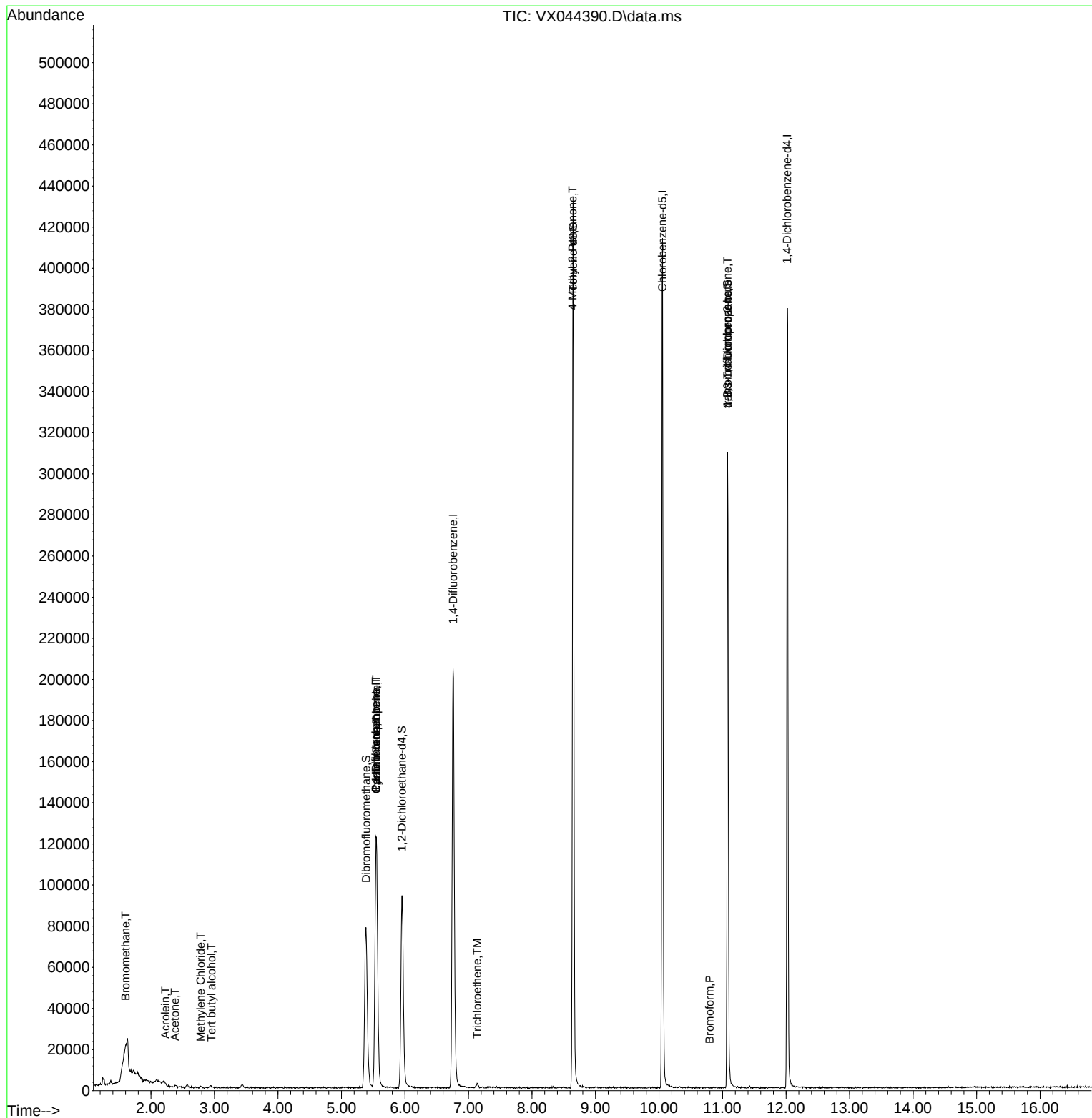
Internal Standards						
1) Pentafluorobenzene	5.543	168	114414	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	208386	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	184180	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	77822	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	89181	44.456	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.920%
35) Dibromofluoromethane	5.385	113	67860	47.018	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.040%
50) Toluene-d8	8.646	98	251206	51.591	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.180%
62) 4-Bromofluorobenzene	11.079	95	81372	47.826	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	95.660%
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	341	0.273	ug/l #	29
11) Tert butyl alcohol	2.952	59	308	1.089	ug/l #	71
13) Acrolein	2.227	56	94	0.230	ug/l #	1
16) Acetone	2.379	43	900	1.100	ug/l	99
20) Methylene Chloride	2.782	84	395	0.257	ug/l #	54
31) Cyclohexane	5.549	56	2773	1.281	ug/l #	4
36) 1,1-Dichloropropene	5.543	75	9774	5.239	ug/l #	50
38) Carbon Tetrachloride	5.549	117	12779	6.362	ug/l #	18
44) Trichloroethene	7.135	130	837	0.593	ug/l	91
51) 4-Methyl-2-Pentanone	8.640	43	1441	0.622	ug/l #	1
71) Bromoform	10.799	173	22	1.257	ug/l #	29
76) 1,2,3-Trichloropropane	11.079	75	46588	26.812	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	46588	73.836	ug/l #	4

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

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Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration

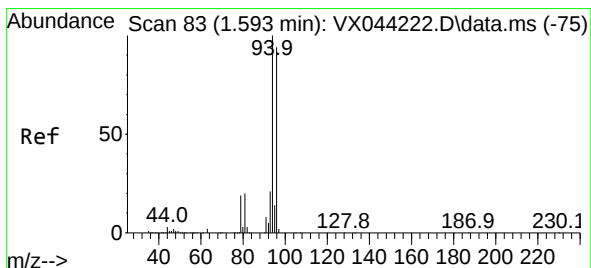
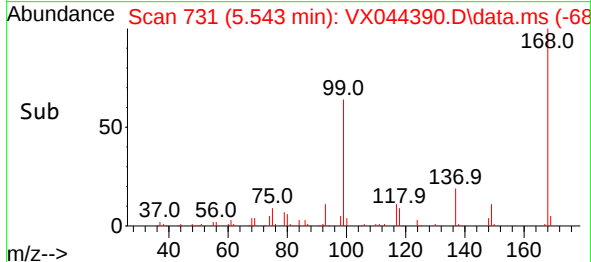
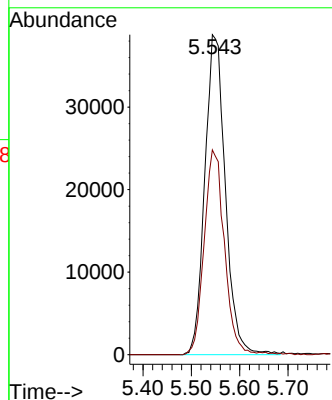
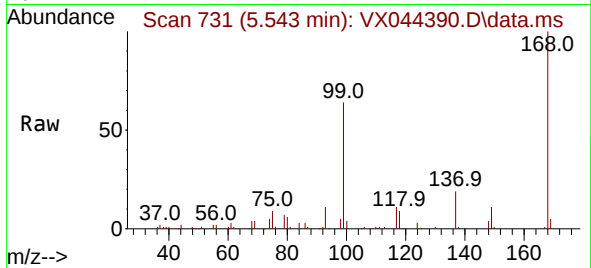




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX044390.D
Acq: 18 Dec 2024 17:55

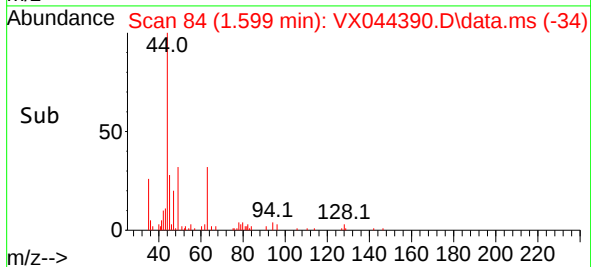
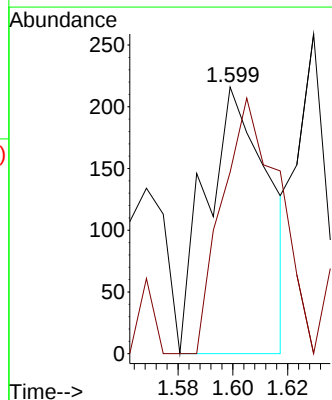
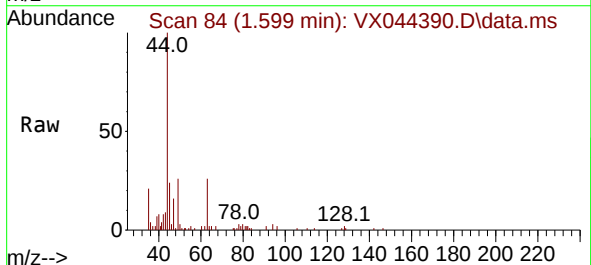
Instrument :
MSVOA_X
ClientSampleId :
BPOW1-8-20241212

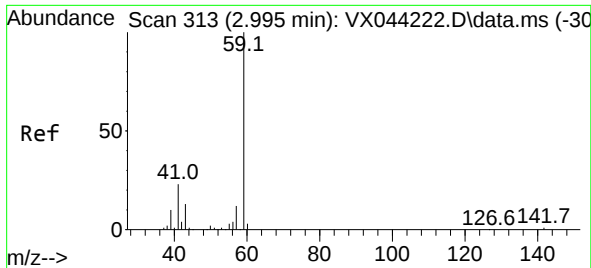
Tgt Ion:168 Resp: 114414
Ion Ratio Lower Upper
168 100
99 64.0 53.4 80.0



#5
Bromomethane
Concen: 0.273 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX044390.D
Acq: 18 Dec 2024 17:55

Tgt Ion: 94 Resp: 341
Ion Ratio Lower Upper
94 100
96 25.5 74.9 112.3#

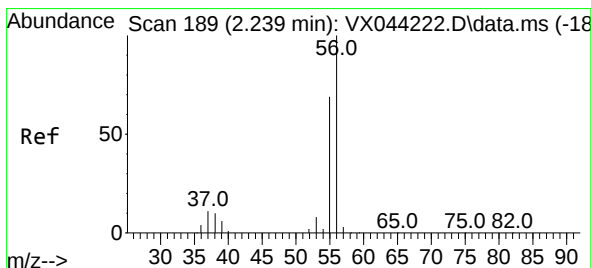
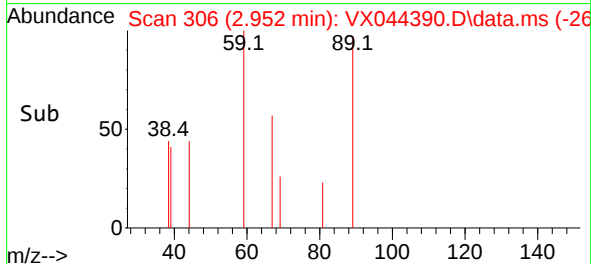
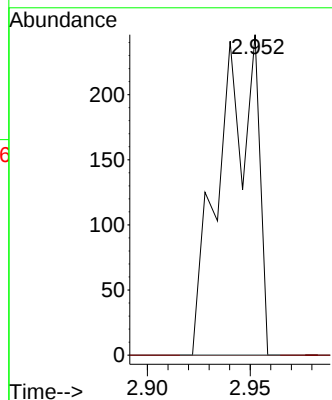
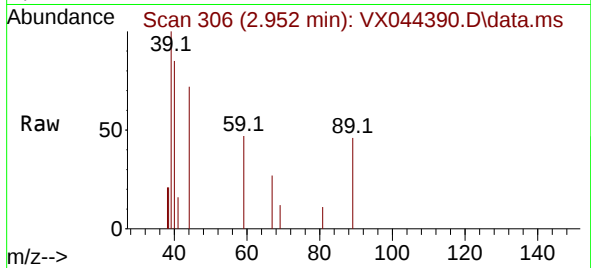




#11
Tert butyl alcohol
Concen: 1.089 ug/l
RT: 2.952 min Scan# 306
Delta R.T. -0.043 min
Lab File: VX044390.D
Acq: 18 Dec 2024 17:55

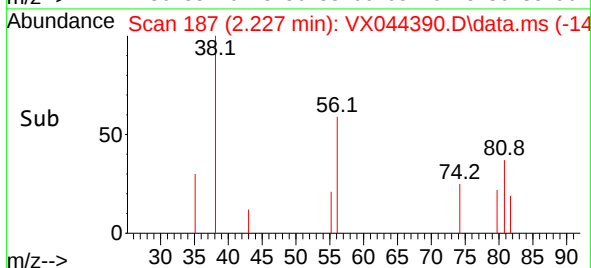
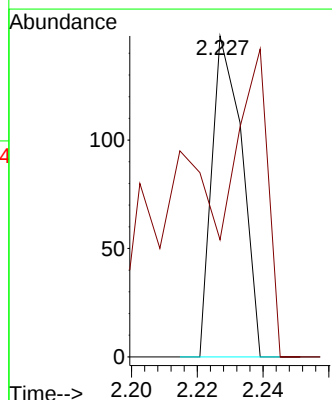
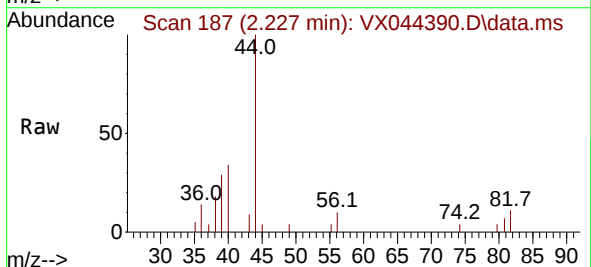
Instrument :
MSVOA_X
ClientSampleId :
BPOW1-8-20241212

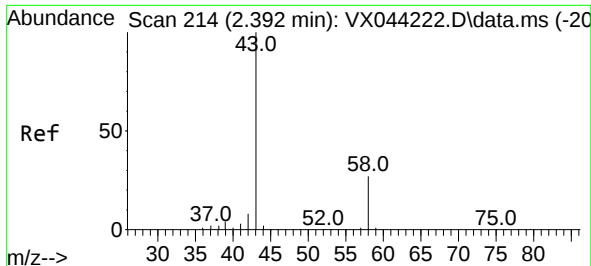
Tgt Ion: 59 Resp: 308
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#



#13
Acrolein
Concen: 0.230 ug/l
RT: 2.227 min Scan# 187
Delta R.T. -0.013 min
Lab File: VX044390.D
Acq: 18 Dec 2024 17:55

Tgt Ion: 56 Resp: 94
Ion Ratio Lower Upper
56 100
55 238.3 56.6 84.8#

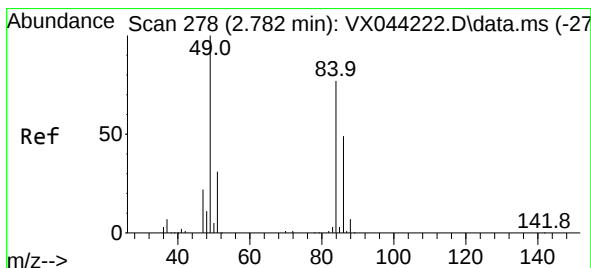
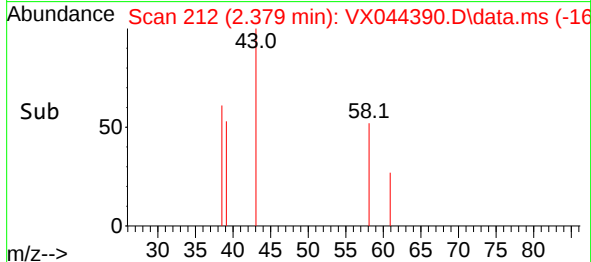
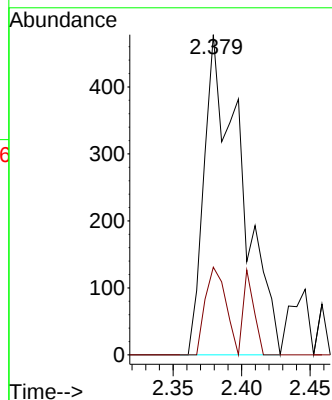
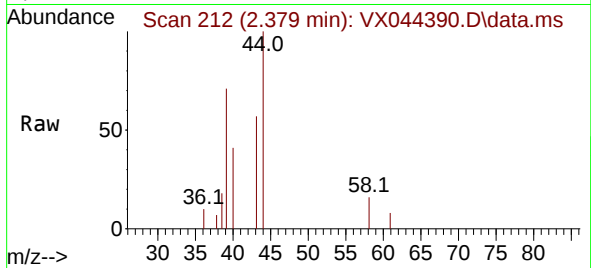




#16
Acetone
Concen: 1.100 ug/l
RT: 2.379 min Scan# 214
Delta R.T. -0.013 min
Lab File: VX044390.D
Acq: 18 Dec 2024 17:55

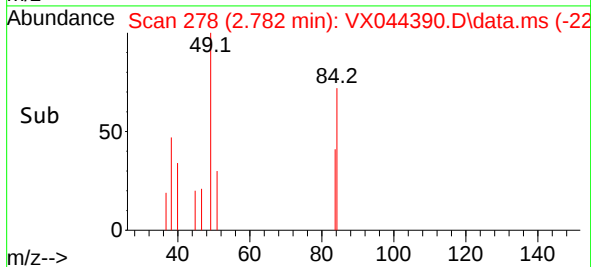
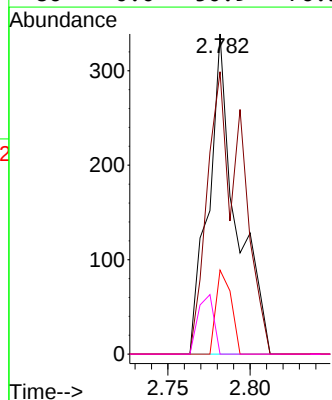
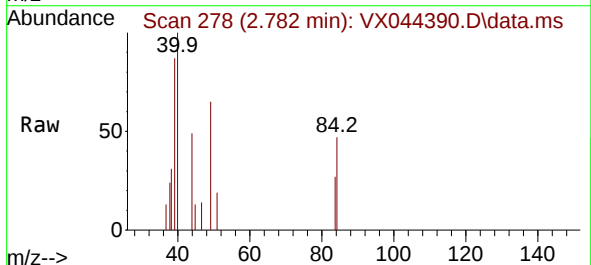
Instrument :
MSVOA_X
ClientSampleId :
BPOW1-8-20241212

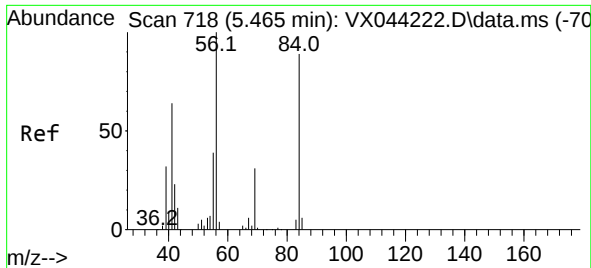
Tgt Ion: 43 Resp: 900
Ion Ratio Lower Upper
43 100
58 27.4 21.6 32.4



#20
Methylene Chloride
Concen: 0.257 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX044390.D
Acq: 18 Dec 2024 17:55

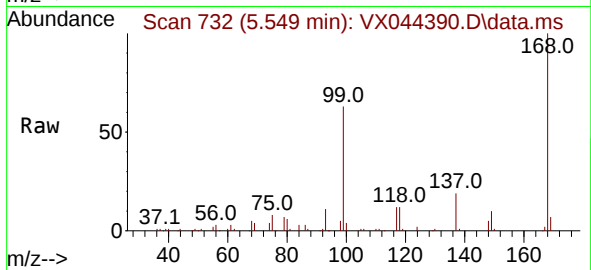
Tgt Ion: 84 Resp: 395
Ion Ratio Lower Upper
84 100
49 88.2 104.2 156.4#
51 26.3 32.2 48.4#
86 0.0 50.9 76.3#



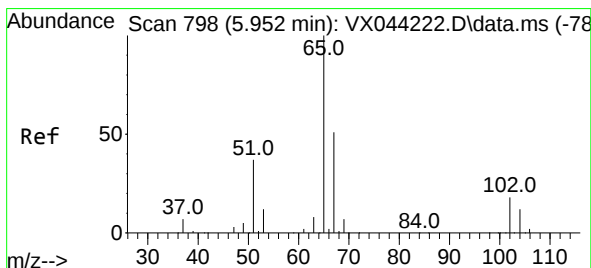
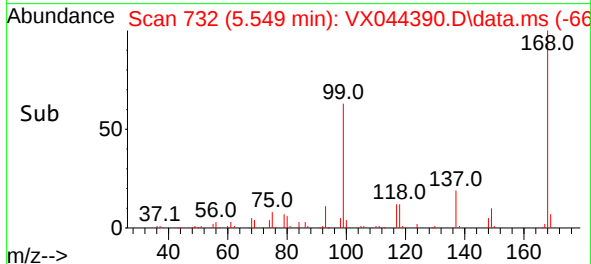
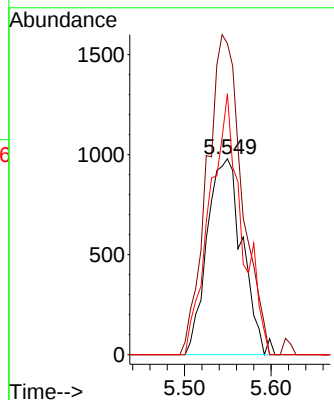


#31
Cyclohexane
Concen: 1.281 ug/l
RT: 5.549 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX044390.D
Acq: 18 Dec 2024 17:55

Instrument :
MSVOA_X
ClientSampleId :
BPOW1-8-20241212

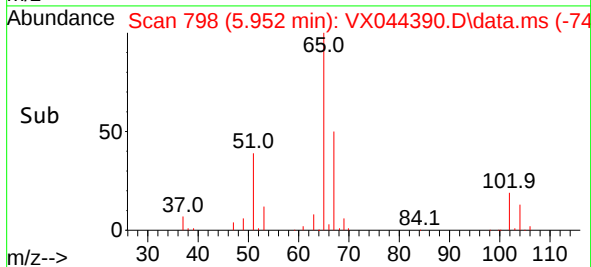
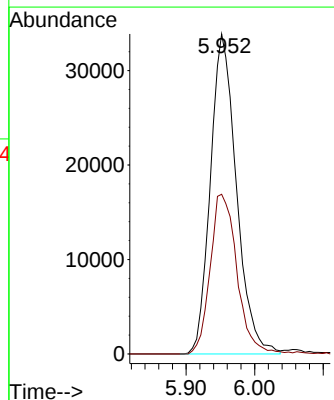
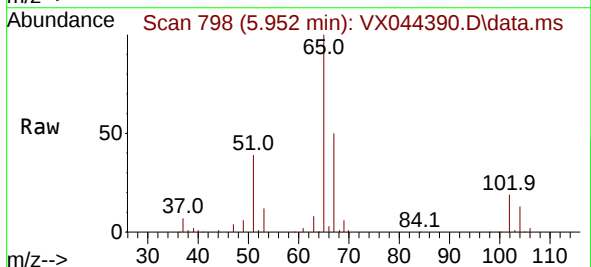


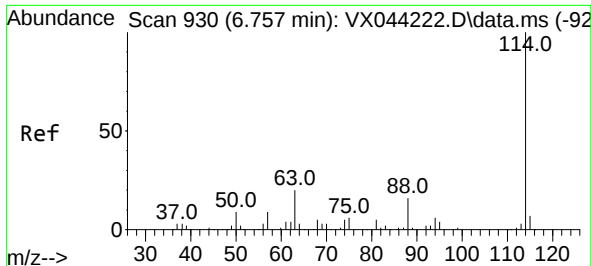
Tgt Ion: 56 Resp: 2773
Ion Ratio Lower Upper
56 100
69 158.9 24.7 37.1#
84 133.3 71.0 106.6#



#33
1,2-Dichloroethane-d4
Concen: 44.456 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX044390.D
Acq: 18 Dec 2024 17:55

Tgt Ion: 65 Resp: 89181
Ion Ratio Lower Upper
65 100
67 51.3 0.0 101.6

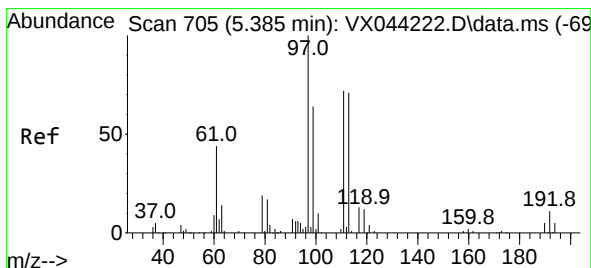
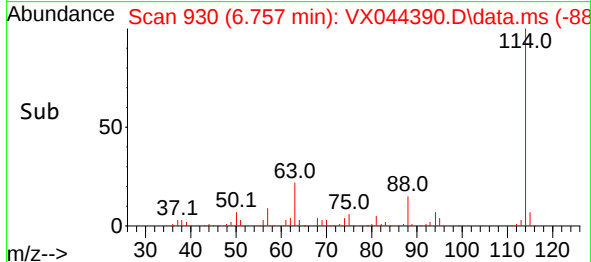
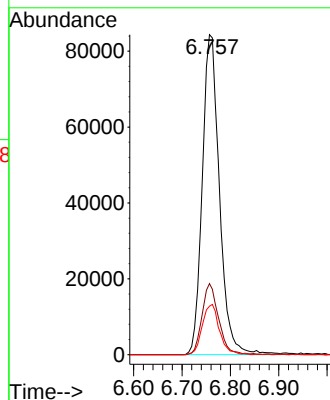
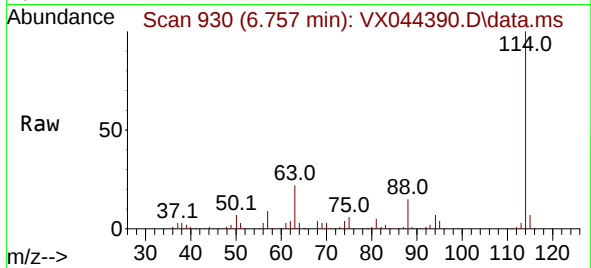




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX044390.D
Acq: 18 Dec 2024 17:55

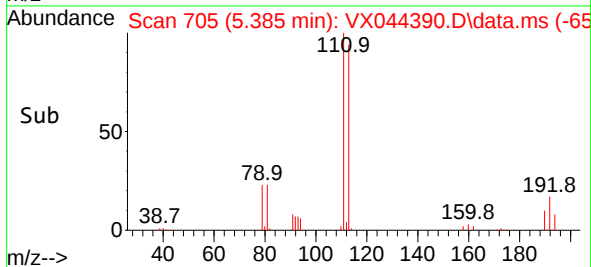
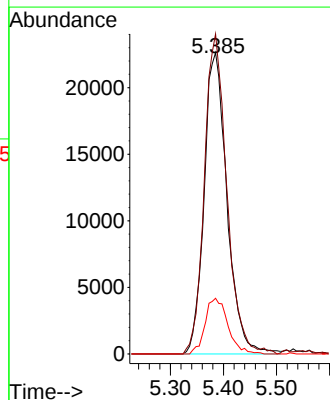
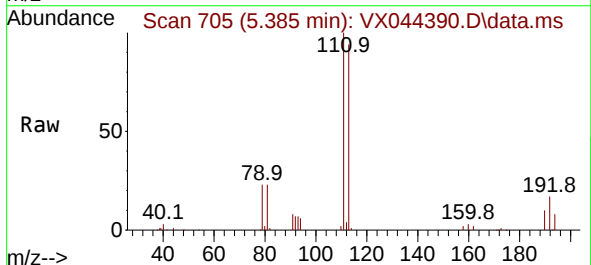
Instrument :
MSVOA_X
ClientSampleId :
BPOW1-8-20241212

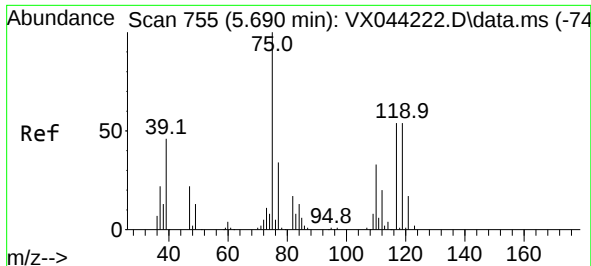
Tgt Ion:114 Resp: 208386
Ion Ratio Lower Upper
114 100
63 22.2 0.0 40.6
88 15.2 0.0 31.8



#35
Dibromofluoromethane
Concen: 47.018 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX044390.D
Acq: 18 Dec 2024 17:55

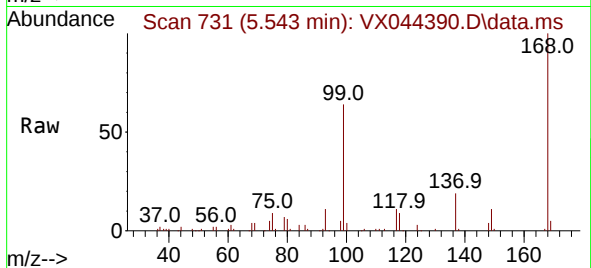
Tgt Ion:113 Resp: 67860
Ion Ratio Lower Upper
113 100
111 104.0 80.4 120.6
192 18.4 13.3 19.9



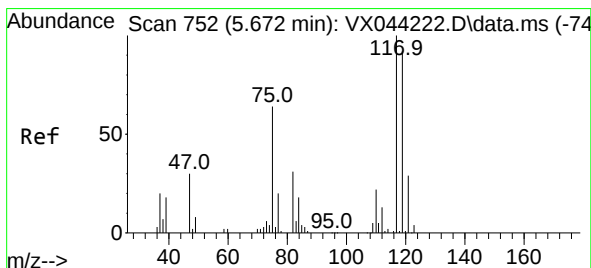
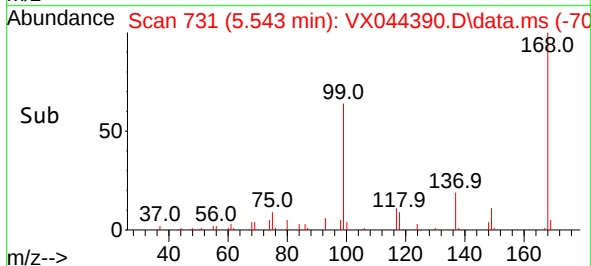
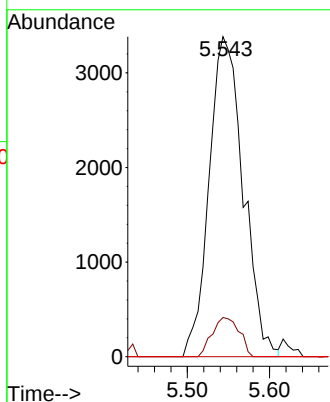


#36
1,1-Dichloropropene
Concen: 5.239 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.147 min
Lab File: VX044390.D
Acq: 18 Dec 2024 17:55

Instrument :
MSVOA_X
ClientSampleId :
BPOW1-8-20241212

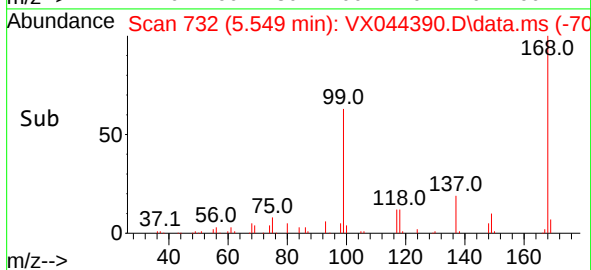
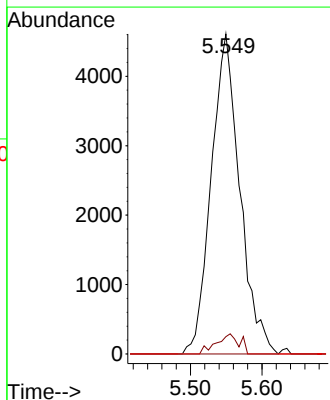
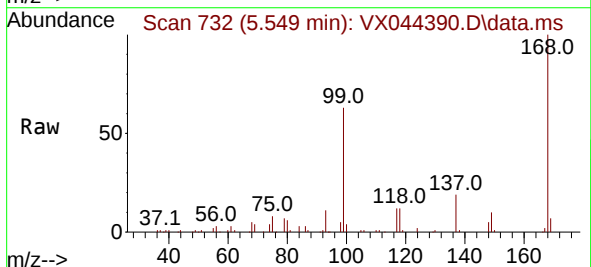


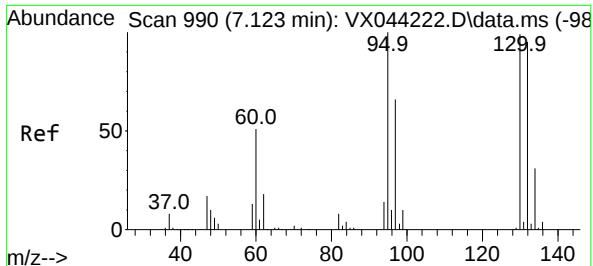
Tgt Ion: 75 Resp: 9774
Ion Ratio Lower Upper
75 100
110 9.7 17.3 51.7#
77 0.0 25.4 38.0#



#38
Carbon Tetrachloride
Concen: 6.362 ug/l
RT: 5.549 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX044390.D
Acq: 18 Dec 2024 17:55

Tgt Ion: 117 Resp: 12779
Ion Ratio Lower Upper
117 100
119 5.4 74.2 111.4#
121 0.0 23.0 34.6#

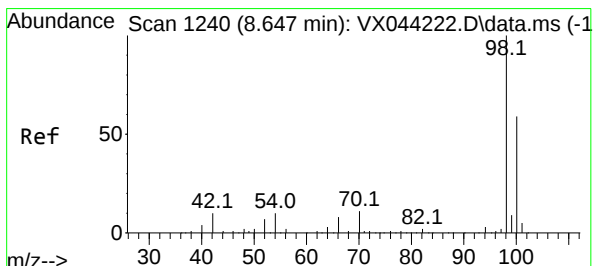
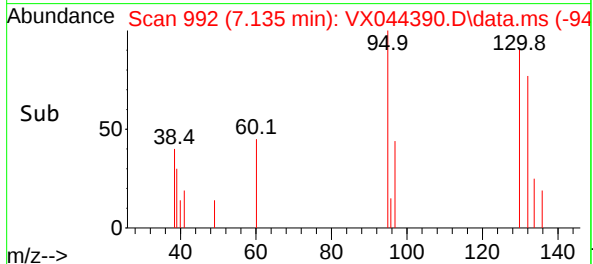
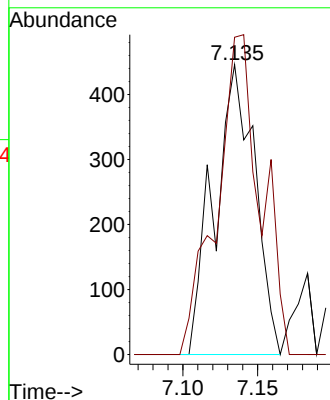
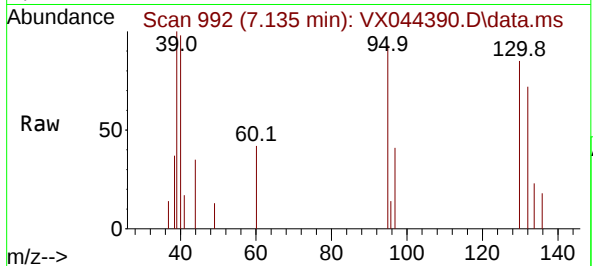




#44
Trichloroethene
Concen: 0.593 ug/l
RT: 7.135 min Scan# 990
Delta R.T. 0.012 min
Lab File: VX044390.D
Acq: 18 Dec 2024 17:55

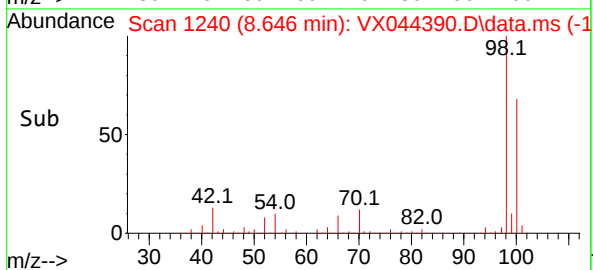
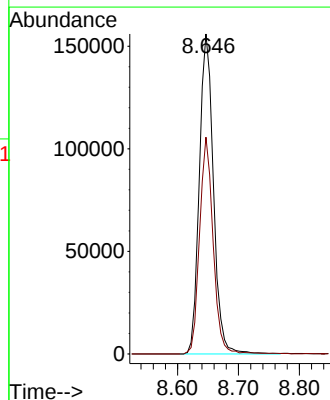
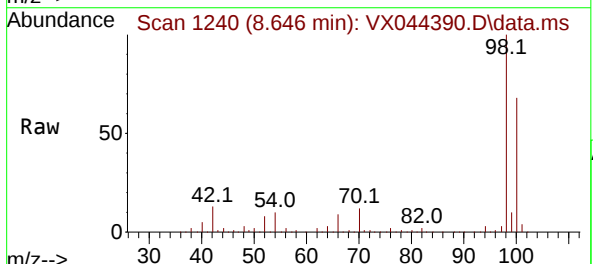
Instrument :
MSVOA_X
ClientSampleId :
BPOW1-8-20241212

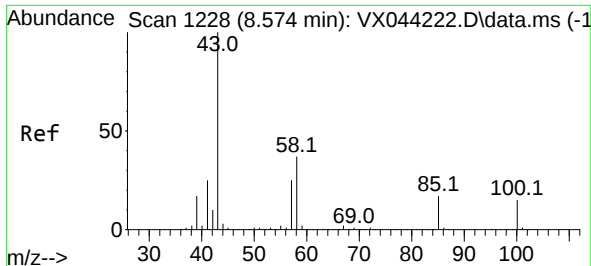
Tgt Ion:130 Resp: 837
Ion Ratio Lower Upper
130 100
95 109.4 0.0 201.4



#50
Toluene-d8
Concen: 51.591 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX044390.D
Acq: 18 Dec 2024 17:55

Tgt Ion: 98 Resp: 251206
Ion Ratio Lower Upper
98 100
100 64.9 51.5 77.3





#51

4-Methyl-2-Pentanone

Concen: 0.622 ug/l

RT: 8.640 min Scan# 1239

Delta R.T. 0.067 min

Lab File: VX044390.D

Acq: 18 Dec 2024 17:55

Instrument :

MSVOA_X

ClientSampleId :

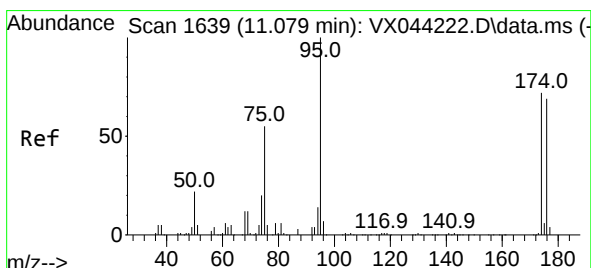
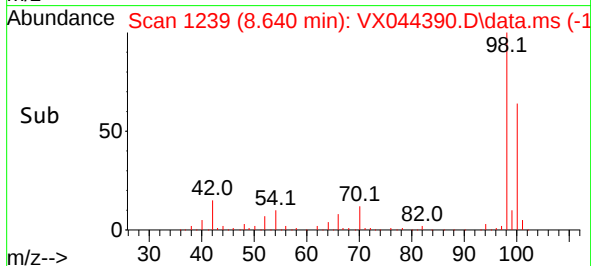
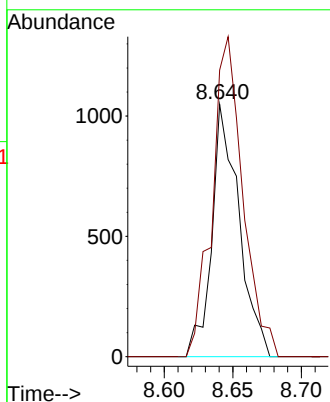
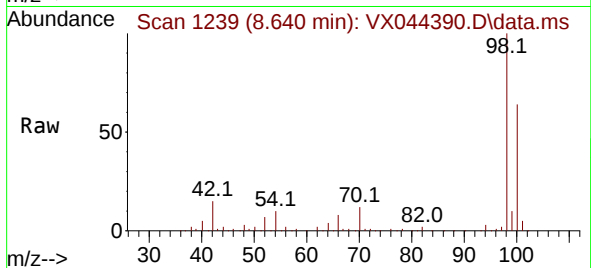
BPOW1-8-20241212

Tgt Ion: 43 Resp: 1441

Ion Ratio Lower Upper

43 100

58 143.7 29.4 44.0#



#62

4-Bromofluorobenzene

Concen: 47.826 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX044390.D

Acq: 18 Dec 2024 17:55

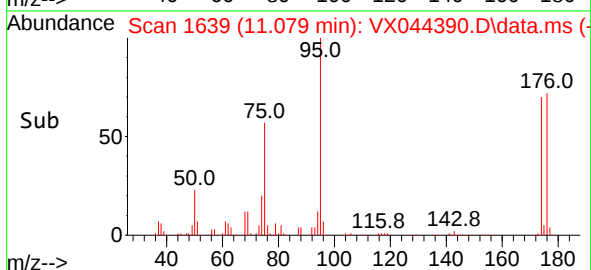
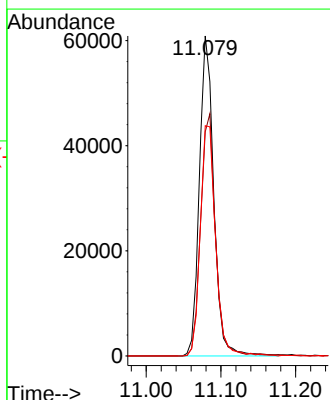
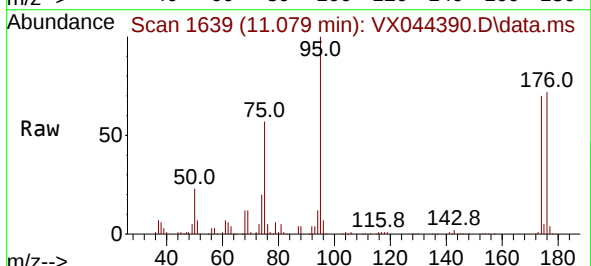
Tgt Ion: 95 Resp: 81372

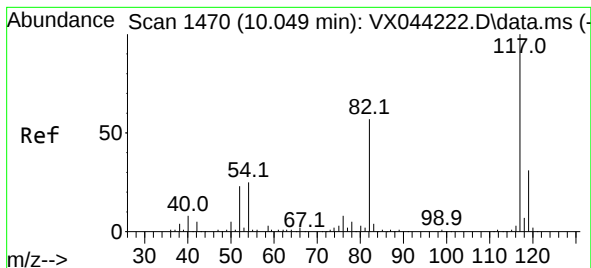
Ion Ratio Lower Upper

95 100

174 77.0 0.0 145.8

176 76.7 0.0 137.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VX044390.D

Acq: 18 Dec 2024 17:55

Instrument :

MSVOA_X

ClientSampleId :

BPOW1-8-20241212

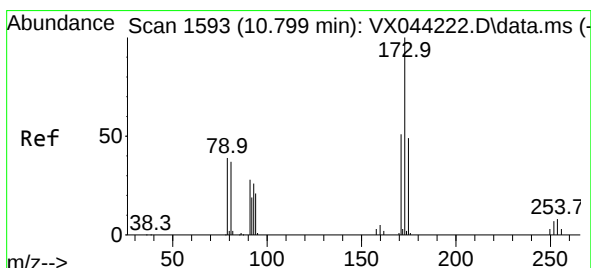
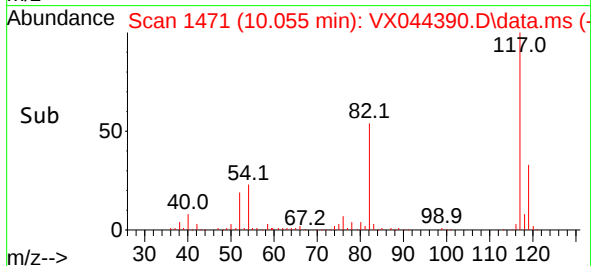
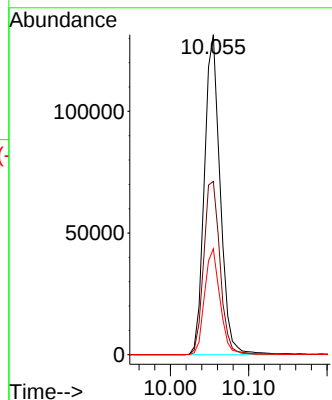
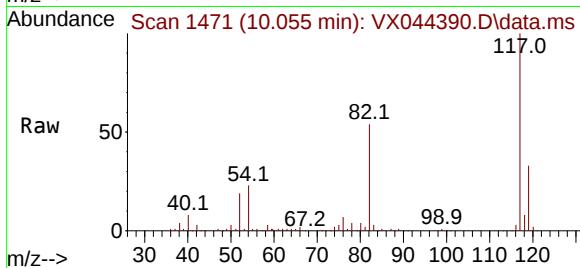
Tgt Ion:117 Resp: 184180

Ion Ratio Lower Upper

117 100

82 54.2 45.8 68.8

119 33.1 25.0 37.4



#71

Bromoform

Concen: 1.257 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX044390.D

Acq: 18 Dec 2024 17:55

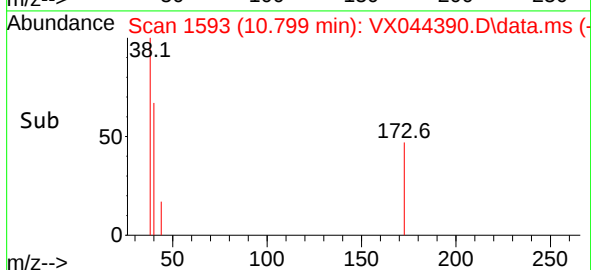
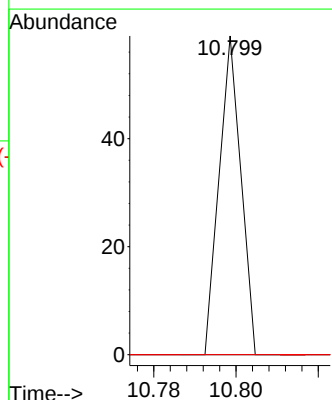
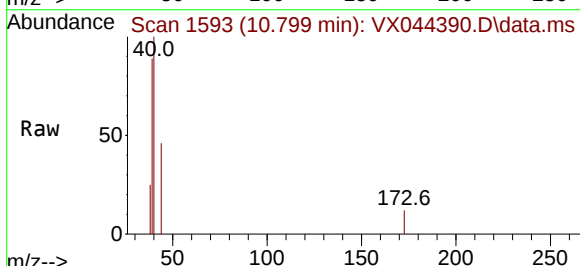
Tgt Ion:173 Resp: 22

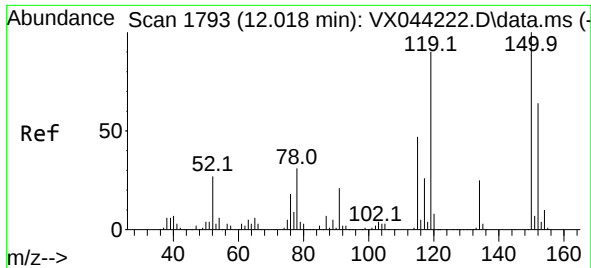
Ion Ratio Lower Upper

173 100

175 0.0 23.8 71.4#

254 0.0 0.0 0.0

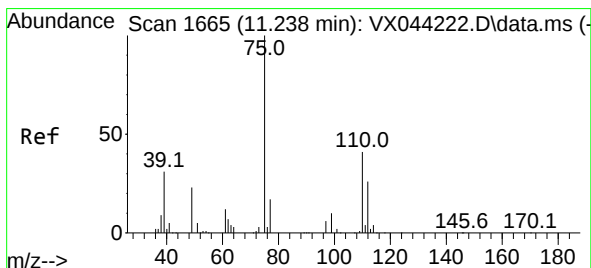
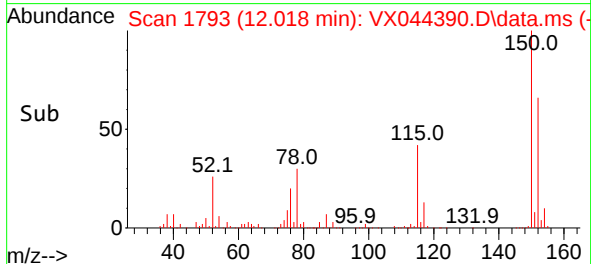
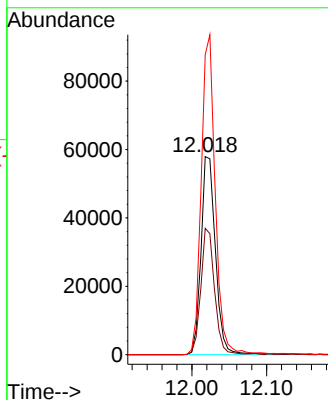
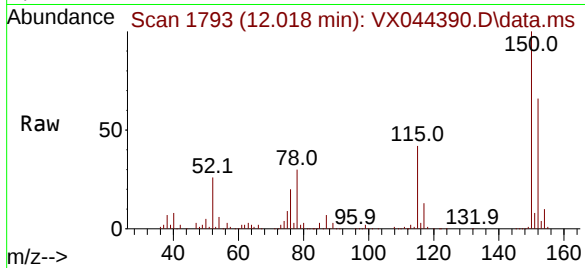




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX044390.D
Acq: 18 Dec 2024 17:55

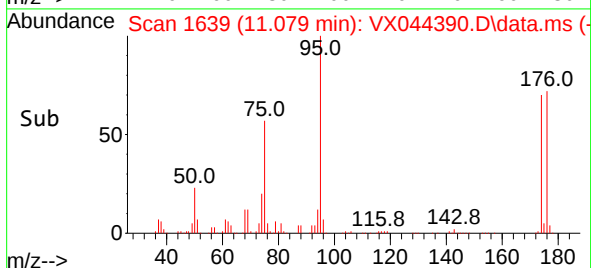
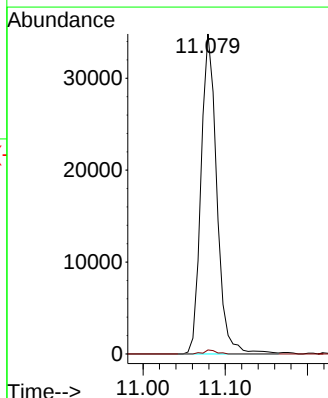
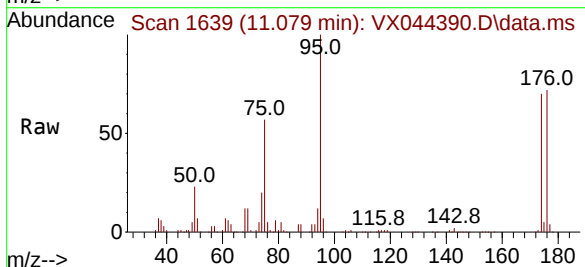
Instrument :
MSVOA_X
ClientSampleId :
BPOW1-8-20241212

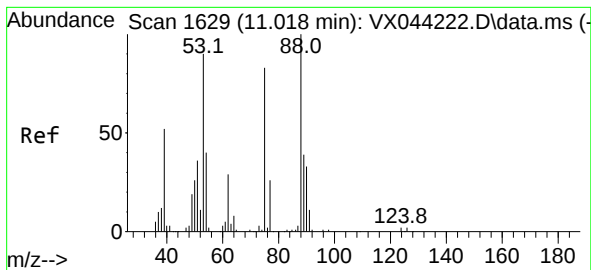
Tgt Ion:152 Resp: 77822
Ion Ratio Lower Upper
152 100
115 60.4 44.5 133.3
150 157.6 0.0 353.8



#76
1,2,3-Trichloropropane
Concen: 26.812 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX044390.D
Acq: 18 Dec 2024 17:55

Tgt Ion: 75 Resp: 46588
Ion Ratio Lower Upper
75 100
77 1.0 20.9 62.7#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 73.836 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX044390.D
 Acq: 18 Dec 2024 17:55

Instrument :
 MSVOA_X
 ClientSampleId :
 BPOW1-8-20241212

Tgt Ion: 75 Resp: 46588
 Ion Ratio Lower Upper
 75 100
 53 0.0 93.6 140.4#
 89 0.0 37.3 55.9#

