

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122024\
 Data File : VX044451.D
 Acq On : 20 Dec 2024 14:46
 Operator : JC/MD
 Sample : P5281-02RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPOW1-7-20241212

Quant Time: Dec 20 22:25:35 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	117082	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	205938	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	173219	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	66450	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	86944	42.353	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	84.700%
35) Dibromofluoromethane	5.379	113	67575	47.378	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.760%
50) Toluene-d8	8.647	98	242944	50.488	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.980%
62) 4-Bromofluorobenzene	11.079	95	73620	43.785	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	87.560%

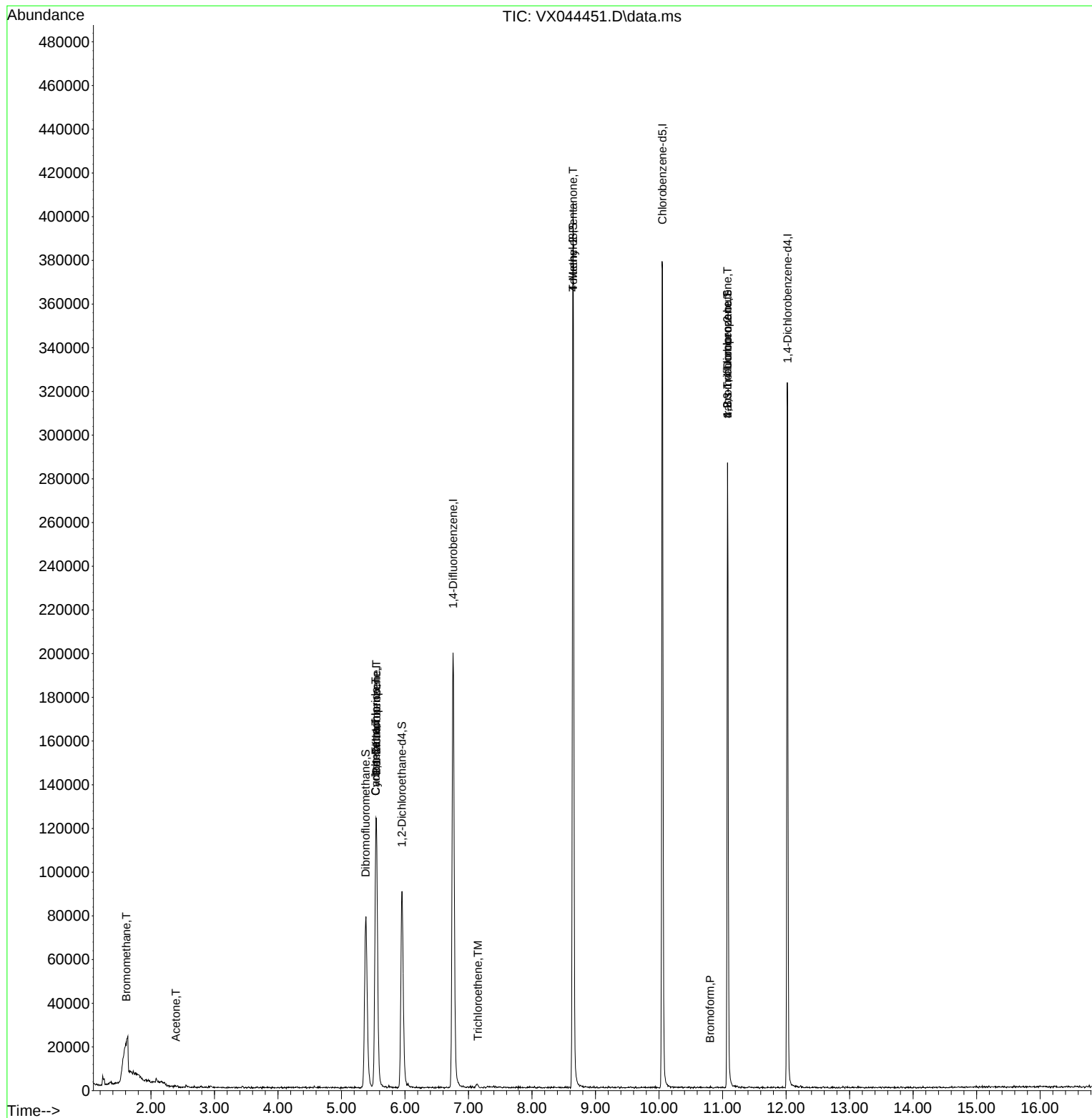
Target Compounds					Qvalue	
5) Bromomethane	1.611	94	545	0.426	ug/l #	42
16) Acetone	2.392	43	768	0.918	ug/l #	48
31) Cyclohexane	5.538	56	2929	1.322	ug/l #	48
36) 1,1-Dichloropropene	5.550	75	10411	5.647	ug/l #	49
38) Carbon Tetrachloride	5.538	117	11441	5.764	ug/l #	17
44) Trichloroethene	7.147	130	849	0.608	ug/l	36
51) 4-Methyl-2-Pentanone	8.647	43	1238	0.541	ug/l #	1
71) Bromoform	10.805	173	20	1.256	ug/l #	29
76) 1,2,3-Trichloropropane	11.079	75	39561	26.664	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	39561	73.460	ug/l #	4

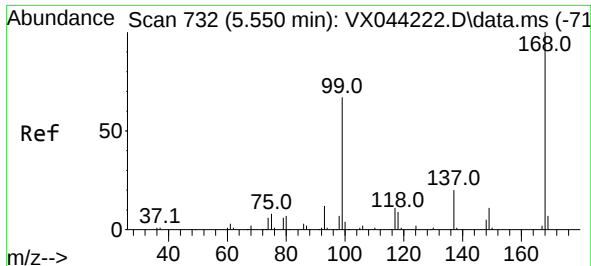
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

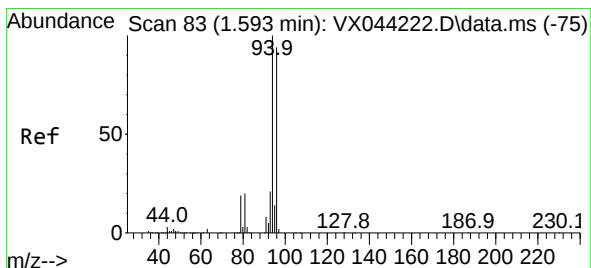
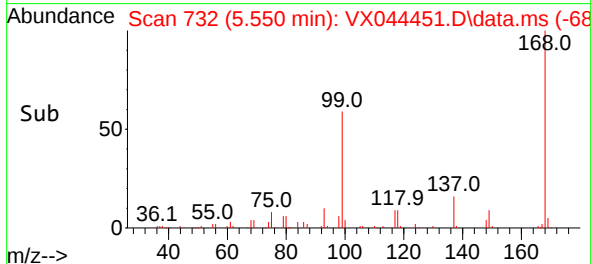
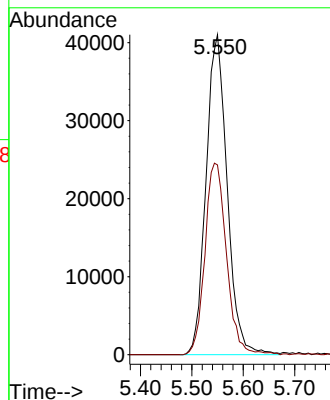
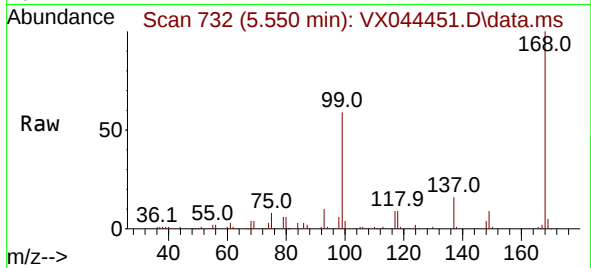




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX044451.D
Acq: 20 Dec 2024 14:46

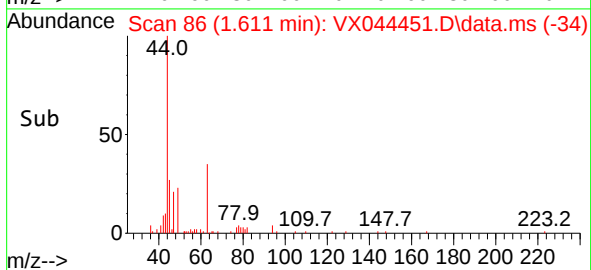
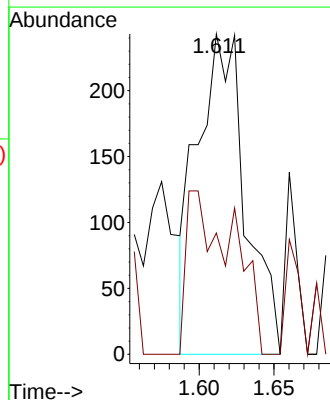
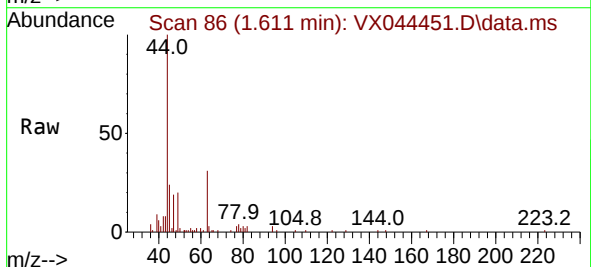
Instrument :
MSVOA_X
ClientSampleId :
BPOW1-7-20241212

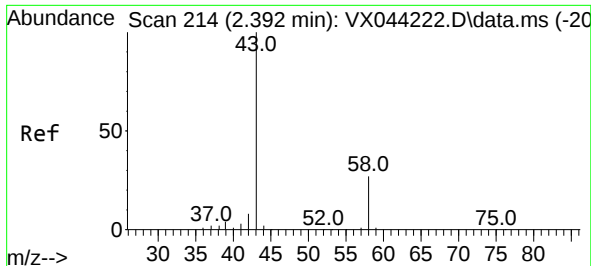
Tgt Ion:168 Resp: 117082
Ion Ratio Lower Upper
168 100
99 59.3 53.4 80.0



#5
Bromomethane
Concen: 0.426 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.018 min
Lab File: VX044451.D
Acq: 20 Dec 2024 14:46

Tgt Ion: 94 Resp: 545
Ion Ratio Lower Upper
94 100
96 37.9 74.9 112.3#

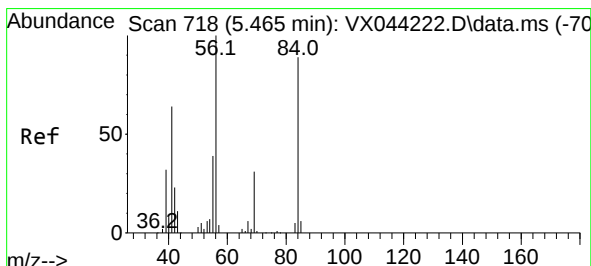
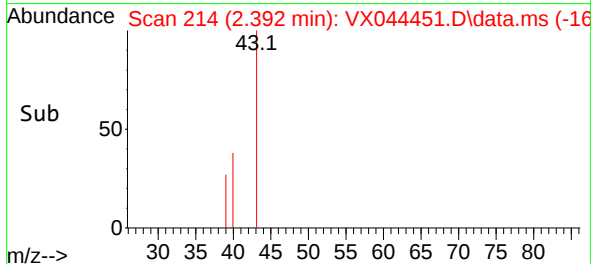
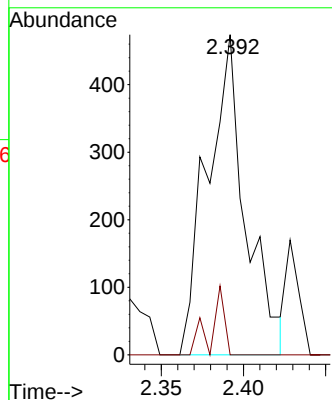
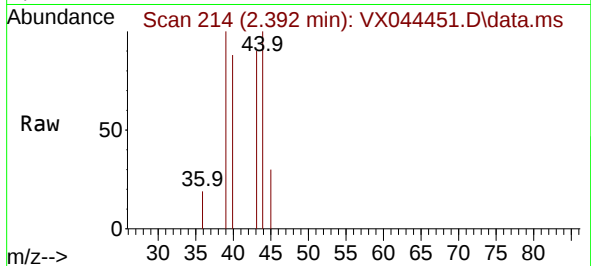




#16
Acetone
Concen: 0.918 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX044451.D
Acq: 20 Dec 2024 14:46

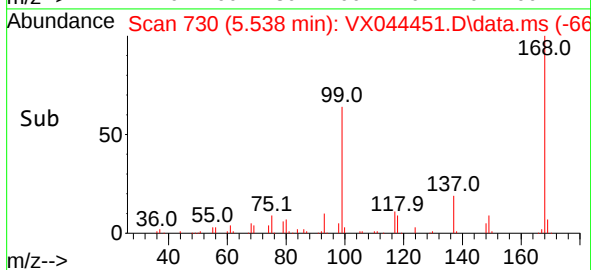
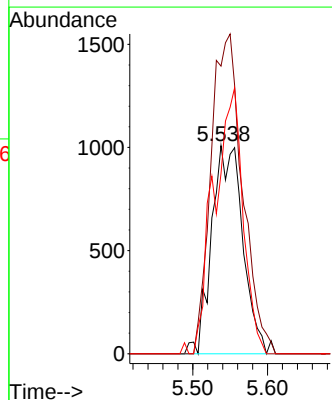
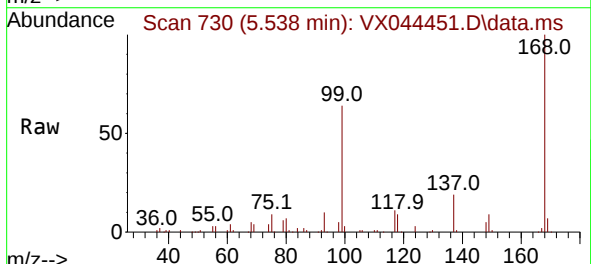
Instrument :
MSVOA_X
ClientSampleId :
BPOW1-7-20241212

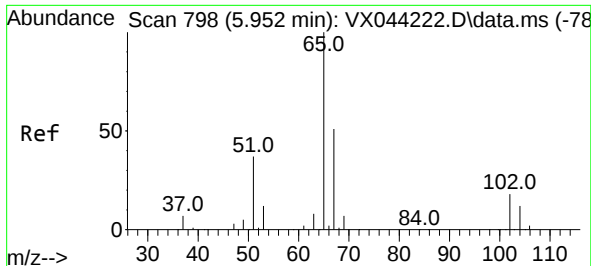
Tgt Ion: 43 Resp: 768
Ion Ratio Lower Upper
43 100
58 0.0 21.6 32.4#



#31
Cyclohexane
Concen: 1.322 ug/l
RT: 5.538 min Scan# 730
Delta R.T. 0.073 min
Lab File: VX044451.D
Acq: 20 Dec 2024 14:46

Tgt Ion: 56 Resp: 2929
Ion Ratio Lower Upper
56 100
69 138.2 24.7 37.1#
84 86.5 71.0 106.6





#33

1,2-Dichloroethane-d4

Concen: 42.353 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX044451.D

Acq: 20 Dec 2024 14:46

Instrument :

MSVOA_X

ClientSampleId :

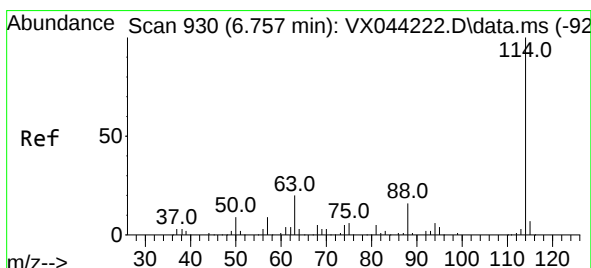
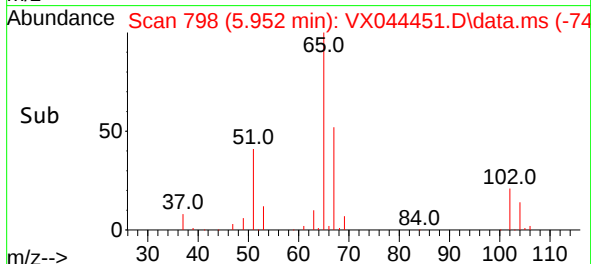
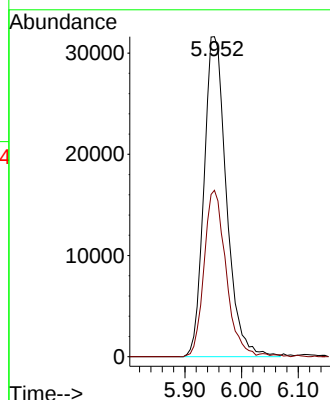
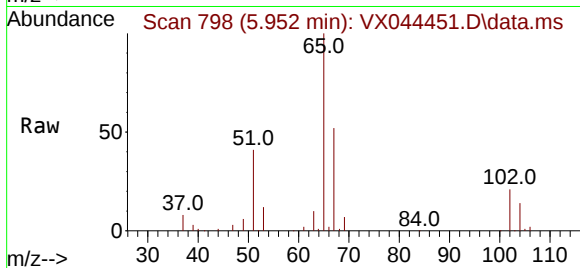
BPOW1-7-20241212

Tgt Ion: 65 Resp: 86944

Ion Ratio Lower Upper

65 100

67 50.6 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: VX044451.D

Acq: 20 Dec 2024 14:46

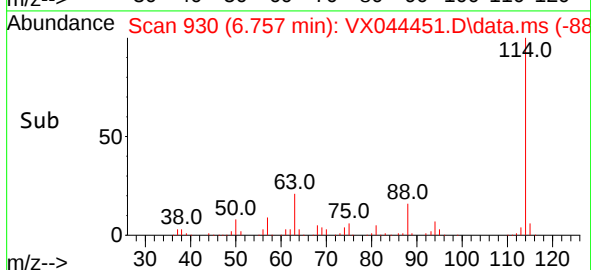
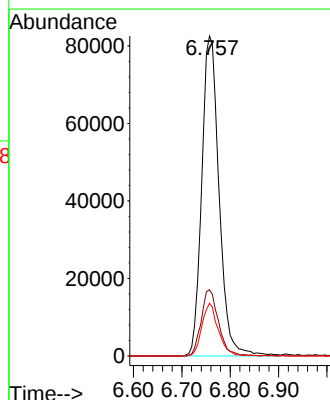
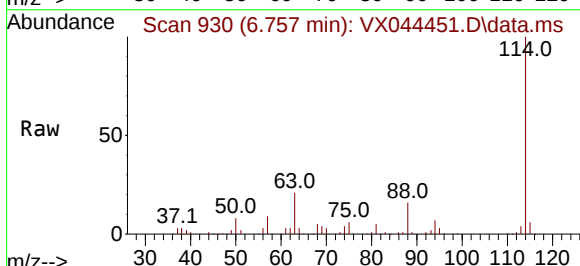
Tgt Ion: 114 Resp: 205938

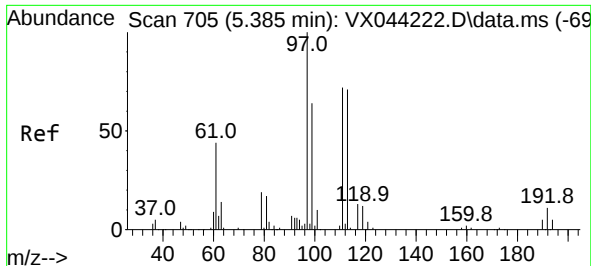
Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.6

88 16.5 0.0 31.8

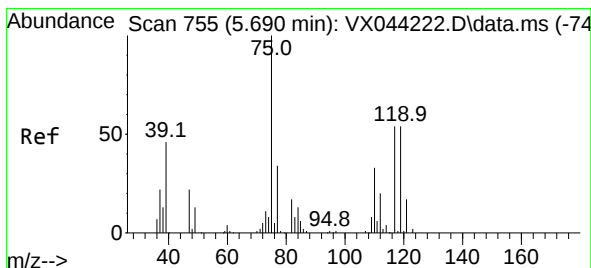
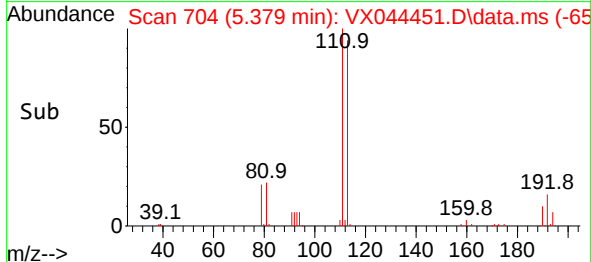
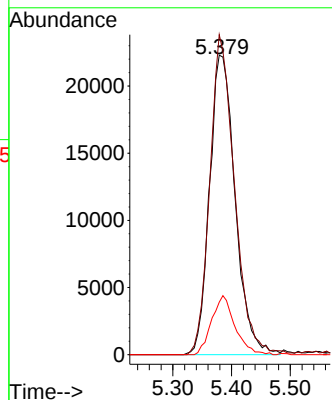
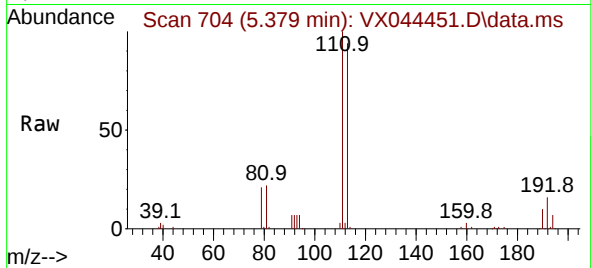




#35
Dibromofluoromethane
Concen: 47.378 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX044451.D
Acq: 20 Dec 2024 14:46

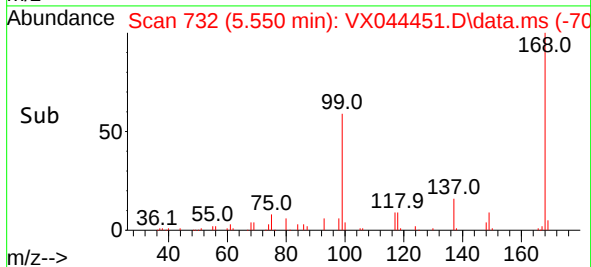
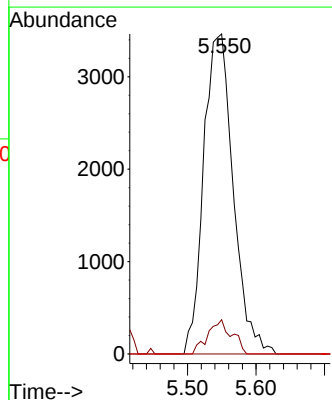
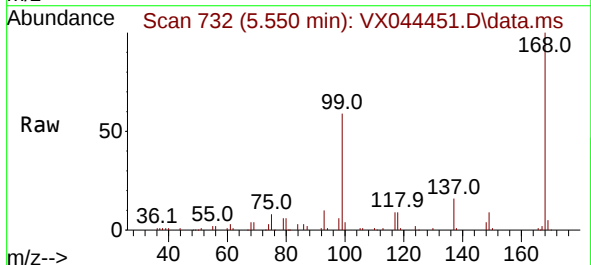
Instrument :
MSVOA_X
ClientSampleId :
BPOW1-7-20241212

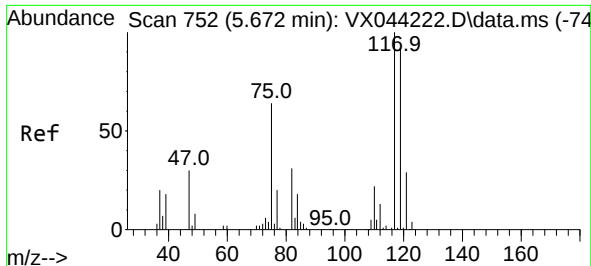
Tgt Ion:113 Resp: 67575
Ion Ratio Lower Upper
113 100
111 103.0 80.4 120.6
192 17.9 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.647 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX044451.D
Acq: 20 Dec 2024 14:46

Tgt Ion: 75 Resp: 10411
Ion Ratio Lower Upper
75 100
110 8.7 17.3 51.7#
77 0.0 25.4 38.0#

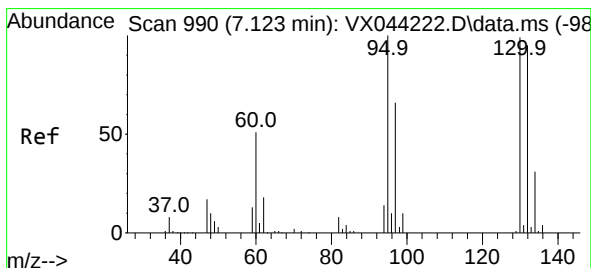
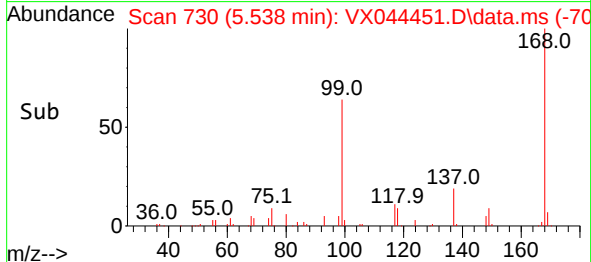
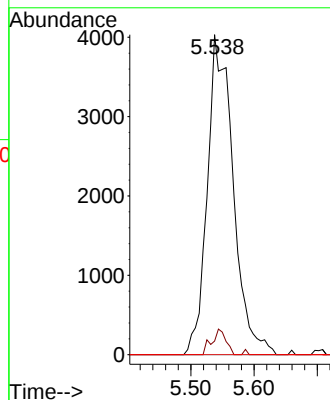
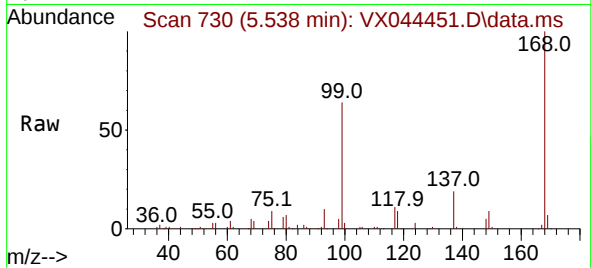




#38
Carbon Tetrachloride
Concen: 5.764 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX044451.D
Acq: 20 Dec 2024 14:46

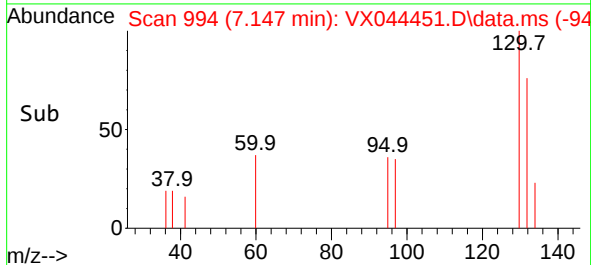
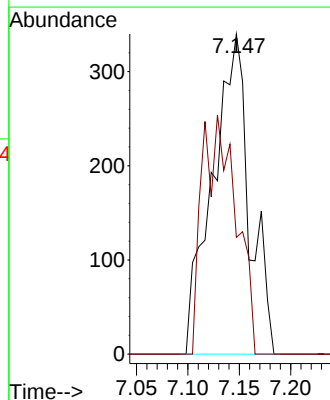
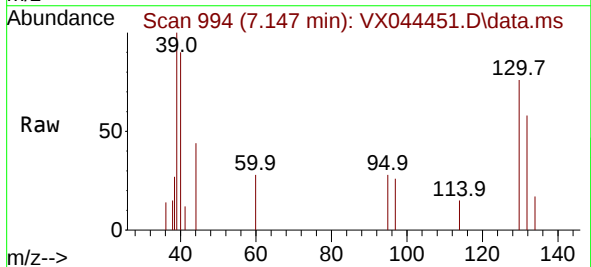
Instrument :
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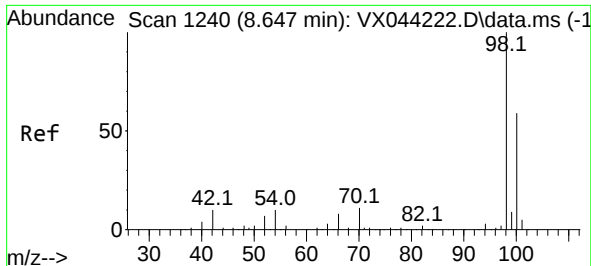
Tgt Ion:117 Resp: 11441
Ion Ratio Lower Upper
117 100
119 4.2 74.2 111.4#
121 0.0 23.0 34.6#



#44
Trichloroethene
Concen: 0.608 ug/l
RT: 7.147 min Scan# 994
Delta R.T. 0.024 min
Lab File: VX044451.D
Acq: 20 Dec 2024 14:46

Tgt Ion:130 Resp: 849
Ion Ratio Lower Upper
130 100
95 36.5 0.0 201.4

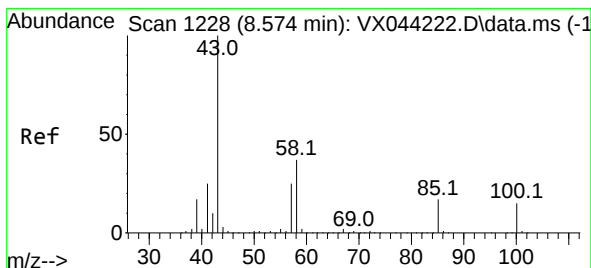
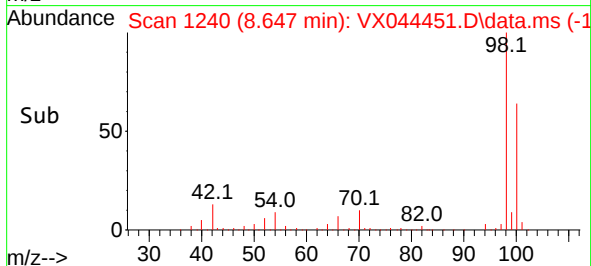
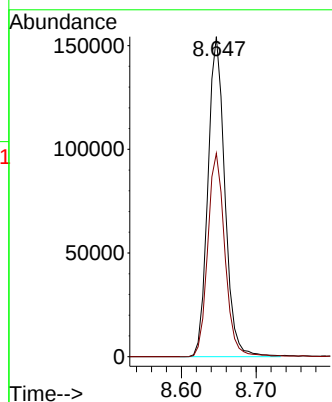
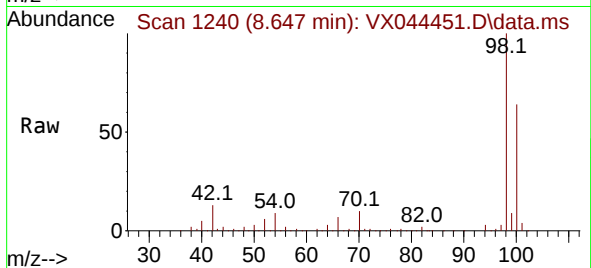




#50
Toluene-d8
Concen: 50.488 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX044451.D
Acq: 20 Dec 2024 14:46

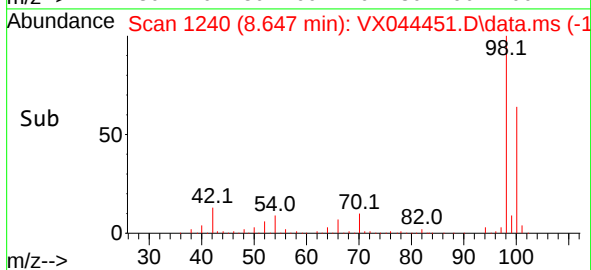
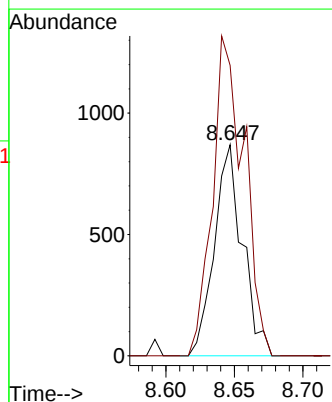
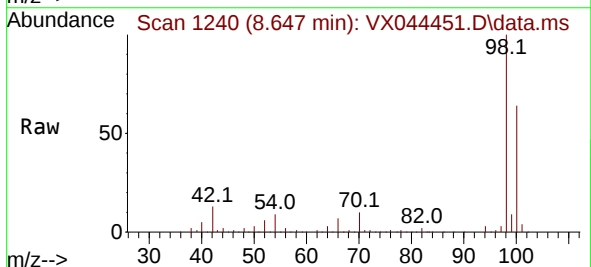
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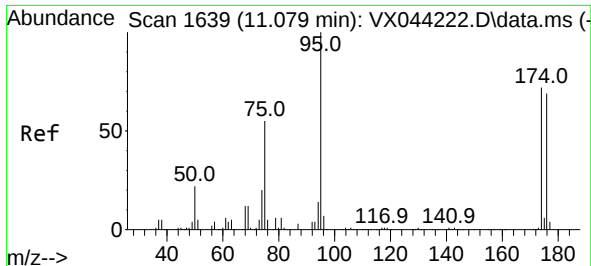
Tgt Ion: 98 Resp: 242944
Ion Ratio Lower Upper
98 100
100 64.4 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.541 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX044451.D
Acq: 20 Dec 2024 14:46

Tgt Ion: 43 Resp: 1238
Ion Ratio Lower Upper
43 100
58 170.3 29.4 44.0#

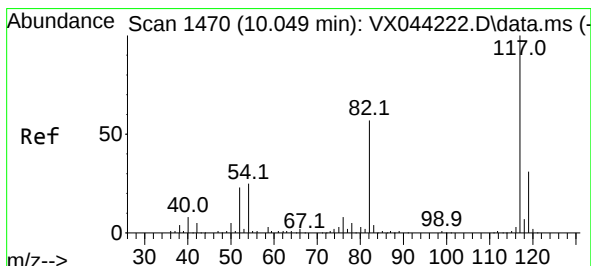
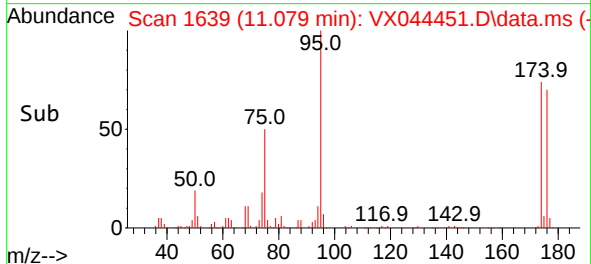
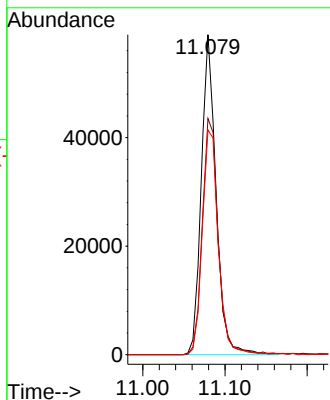
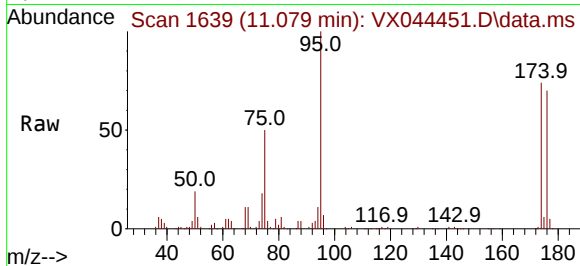




#62
4-Bromofluorobenzene
Concen: 43.785 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044451.D
Acq: 20 Dec 2024 14:46

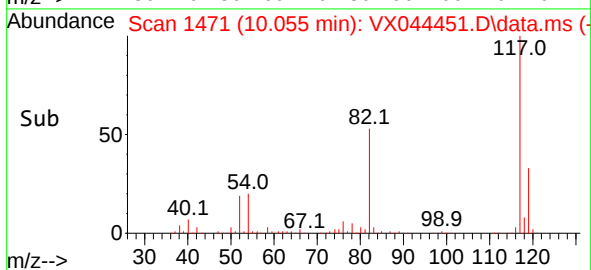
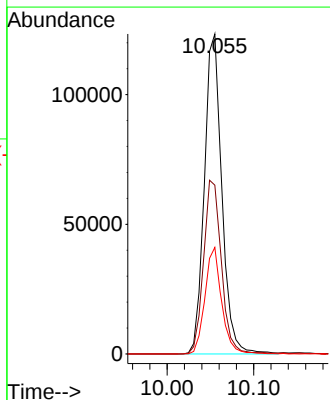
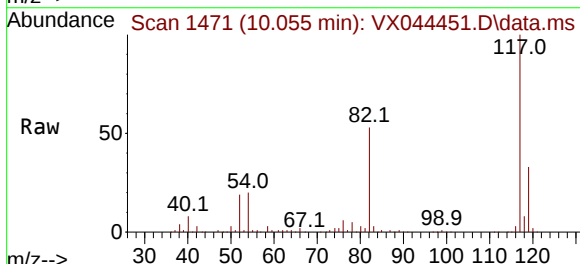
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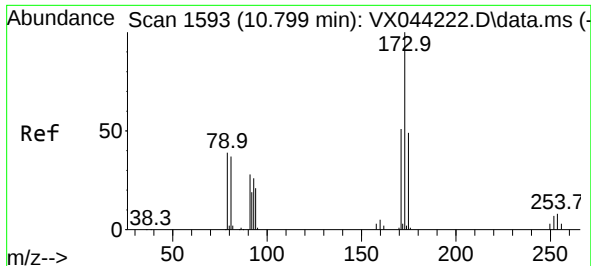
Tgt Ion: 95 Resp: 73620
Ion Ratio Lower Upper
95 100
174 79.2 0.0 145.8
176 76.0 0.0 137.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX044451.D
Acq: 20 Dec 2024 14:46

Tgt Ion: 117 Resp: 173219
Ion Ratio Lower Upper
117 100
82 52.7 45.8 68.8
119 33.3 25.0 37.4

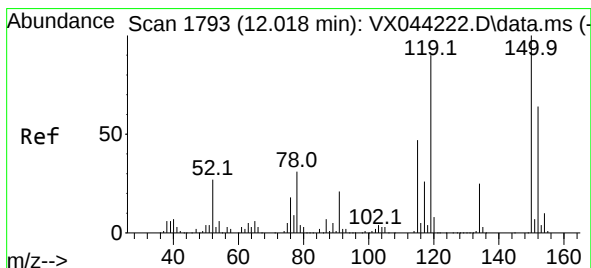
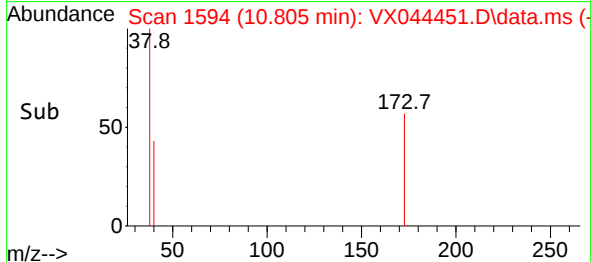
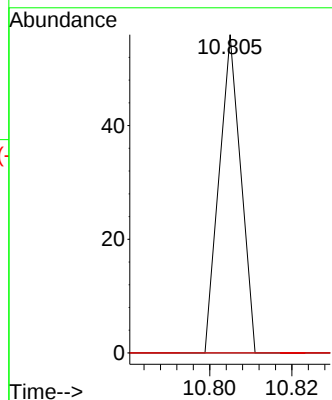
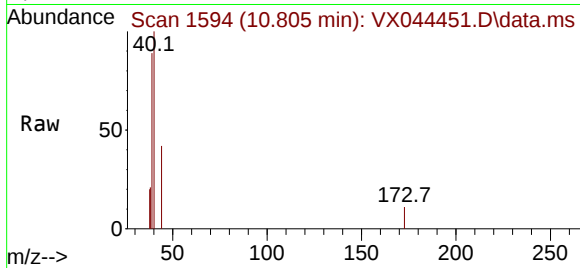




#71
Bromoform
Concen: 1.256 ug/l
RT: 10.805 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX044451.D
Acq: 20 Dec 2024 14:46

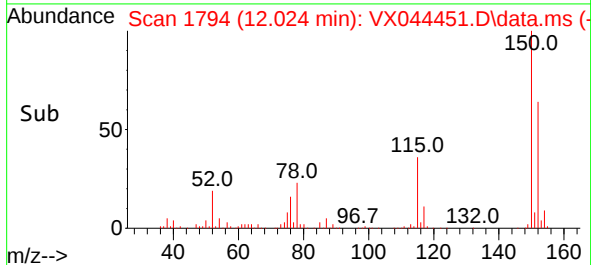
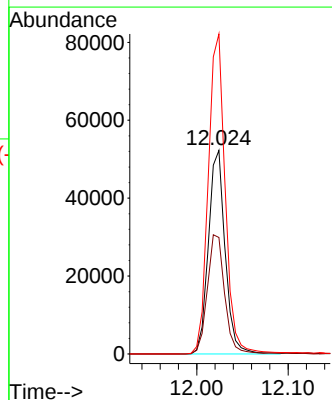
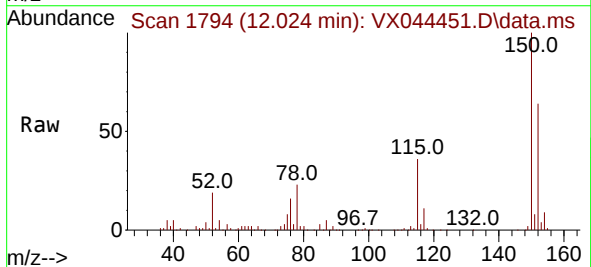
Instrument :
MSVOA_X
ClientSampleId :
BPOW1-7-20241212

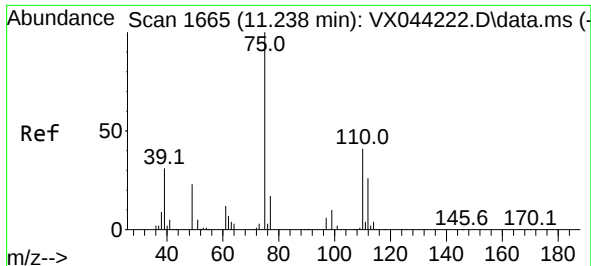
Tgt Ion:173 Resp: 20
Ion Ratio Lower Upper
173 100
175 0.0 23.8 71.4#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX044451.D
Acq: 20 Dec 2024 14:46

Tgt Ion:152 Resp: 66450
Ion Ratio Lower Upper
152 100
115 60.7 44.5 133.3
150 160.2 0.0 353.8

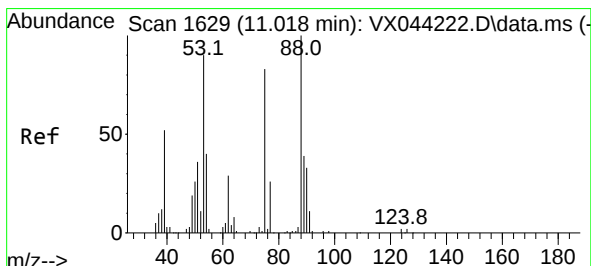
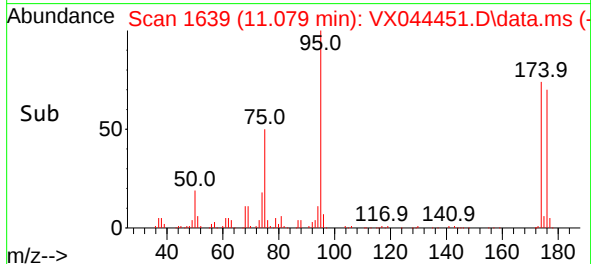
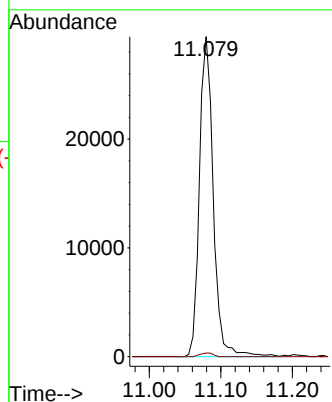
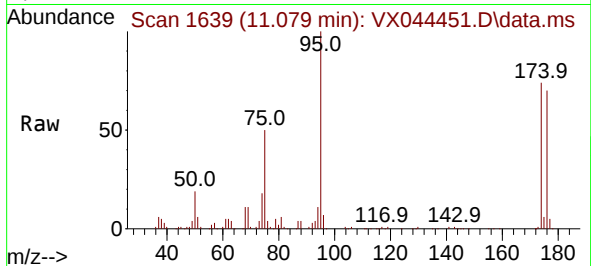




#76
1,2,3-Trichloropropane
Concen: 26.664 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX044451.D
Acq: 20 Dec 2024 14:46

Instrument :
MSVOA_X
ClientSampleId :
BPOW1-7-20241212

Tgt Ion: 75 Resp: 39561
Ion Ratio Lower Upper
75 100
77 1.1 20.9 62.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.460 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX044451.D
Acq: 20 Dec 2024 14:46

Tgt Ion: 75 Resp: 39561
Ion Ratio Lower Upper
75 100
53 0.1 93.6 140.4#
89 0.0 37.3 55.9#

