

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121824\
 Data File : VX044386.D
 Acq On : 18 Dec 2024 16:21
 Operator : JC/MD
 Sample : P5280-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPOW6-10-20241212

Quant Time: Dec 19 00:48:43 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)

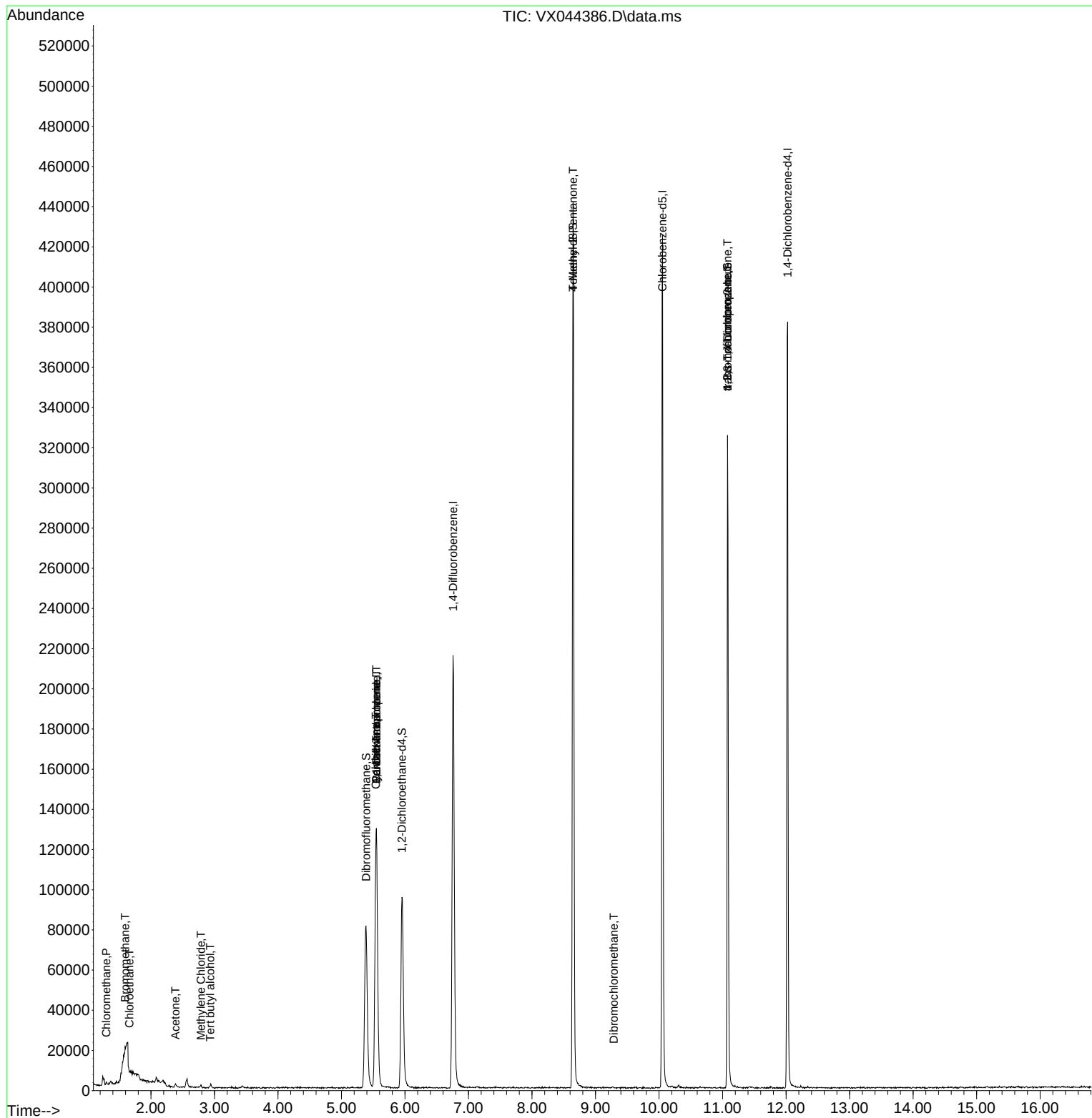
Internal Standards						
1) Pentafluorobenzene	5.549	168	119959	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	215469	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	187592	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	79273	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	92782	44.113	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.220%
35) Dibromofluoromethane	5.385	113	71102	47.645	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.300%
50) Toluene-d8	8.646	98	256528	50.952	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.900%
62) 4-Bromofluorobenzene	11.079	95	81971	46.595	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	93.180%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	1124	0.634	ug/l #	84
5) Bromomethane	1.593	94	742	0.566	ug/l #	43
6) Chloroethane	1.660	64	317	0.275	ug/l #	41
11) Tert butyl alcohol	2.934	59	599	2.021	ug/l #	71
16) Acetone	2.385	43	1732	2.020	ug/l #	62
20) Methylene Chloride	2.788	84	439	0.273	ug/l #	84
31) Cyclohexane	5.543	56	3300	1.454	ug/l #	25
36) 1,1-Dichloropropene	5.549	75	10554	5.471	ug/l #	51
38) Carbon Tetrachloride	5.549	117	13255	6.382	ug/l #	18
51) 4-Methyl-2-Pentanone	8.646	43	1464	0.611	ug/l #	1
60) Dibromochloromethane	9.287	129	52	1.266	ug/l #	11
76) 1,2,3-Trichloropropane	11.079	75	45564	25.743	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	45564	71.114	ug/l #	4

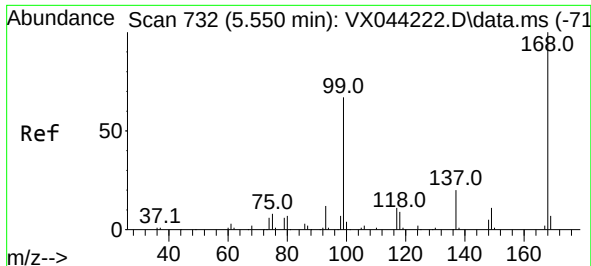
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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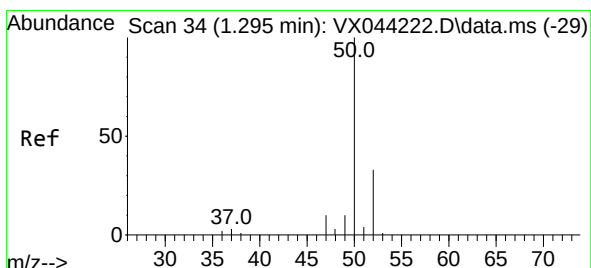
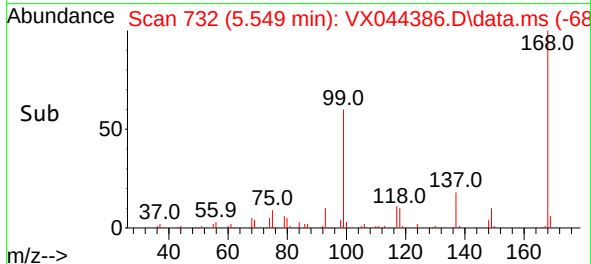
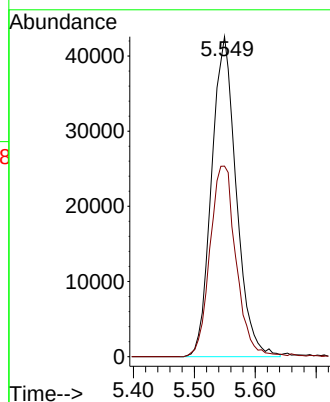
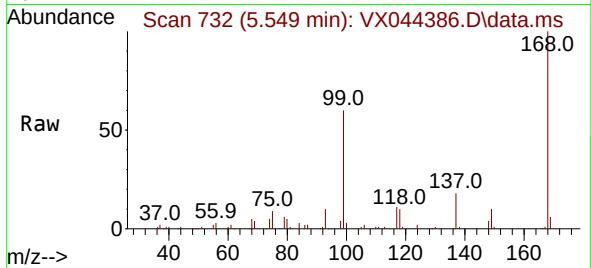




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX044386.D
Acq: 18 Dec 2024 16:21

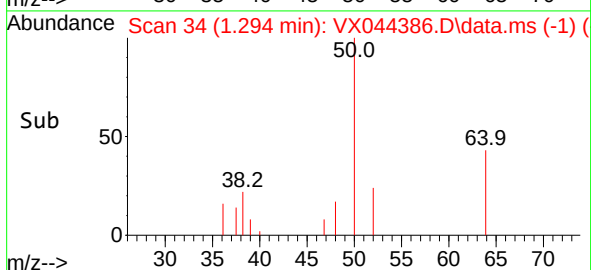
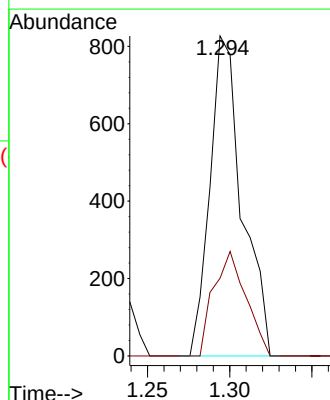
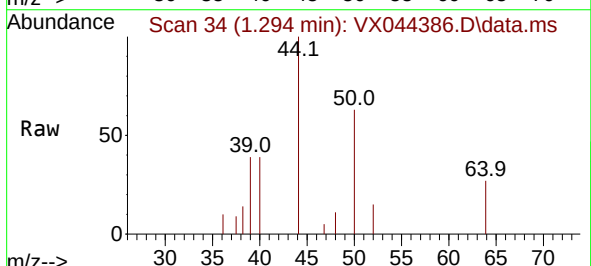
Instrument :
MSVOA_X
ClientSampleId :
BPOW6-10-20241212

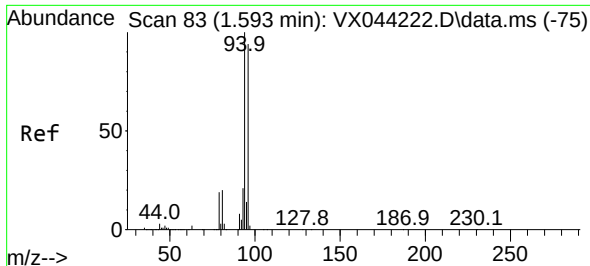
Tgt Ion:168 Resp: 119959
Ion Ratio Lower Upper
168 100
99 59.6 53.4 80.0



#3
Chloromethane
Concen: 0.634 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX044386.D
Acq: 18 Dec 2024 16:21

Tgt Ion: 50 Resp: 1124
Ion Ratio Lower Upper
50 100
52 24.3 26.5 39.7#

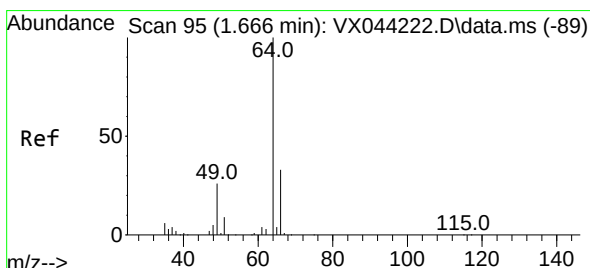
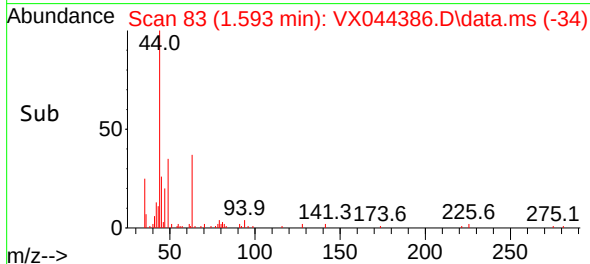
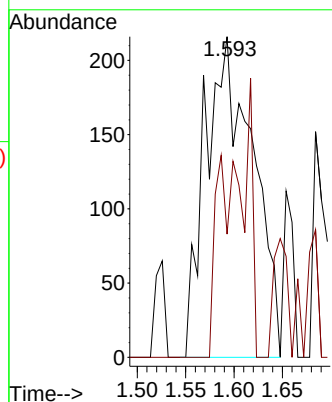
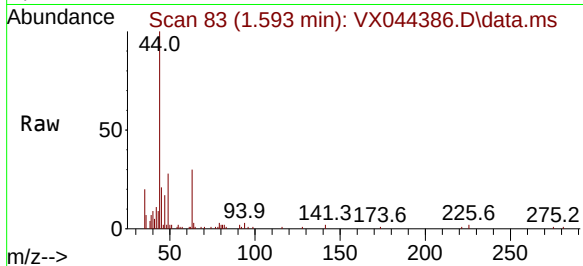




#5
Bromomethane
Concen: 0.566 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX044386.D
Acq: 18 Dec 2024 16:21

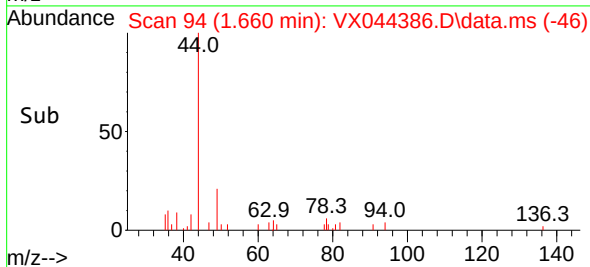
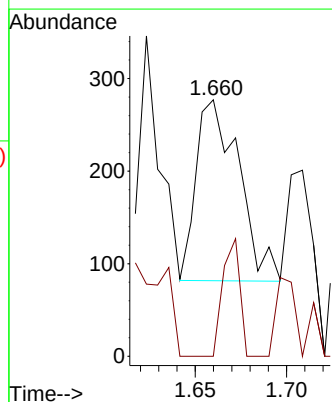
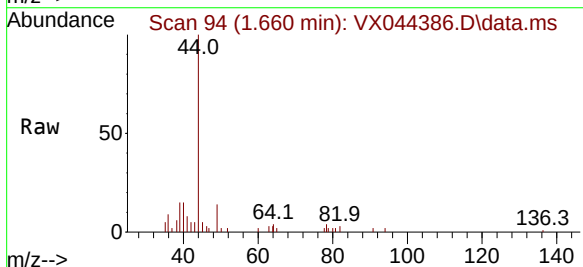
Instrument :
MSVOA_X
ClientSampleId :
BPOW6-10-20241212

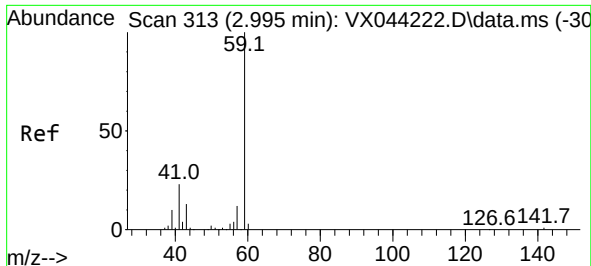
Tgt Ion: 94 Resp: 742
Ion Ratio Lower Upper
94 100
96 38.4 74.9 112.3#



#6
Chloroethane
Concen: 0.275 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.007 min
Lab File: VX044386.D
Acq: 18 Dec 2024 16:21

Tgt Ion: 64 Resp: 317
Ion Ratio Lower Upper
64 100
66 0.0 26.6 39.8#

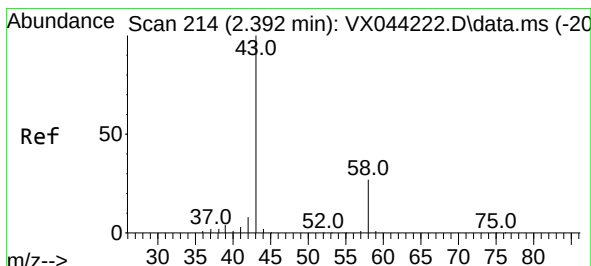
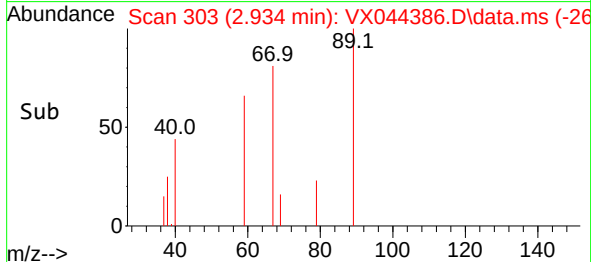
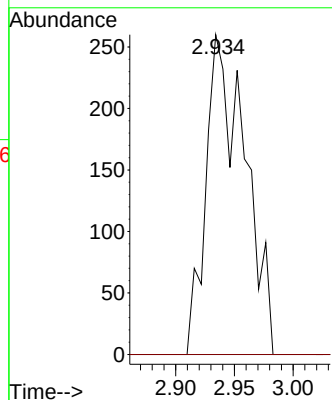
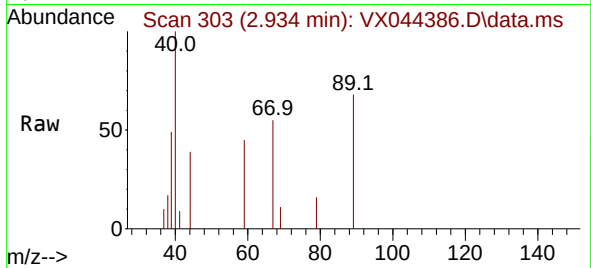




#11
Tert butyl alcohol
Concen: 2.021 ug/l
RT: 2.934 min Scan# 30
Delta R.T. -0.061 min
Lab File: VX044386.D
Acq: 18 Dec 2024 16:21

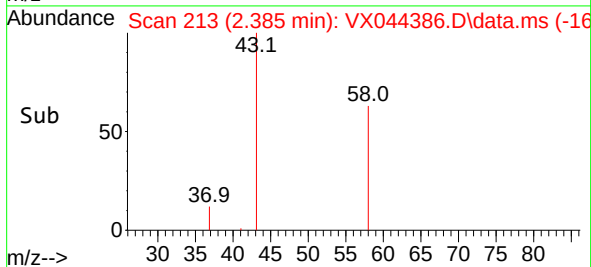
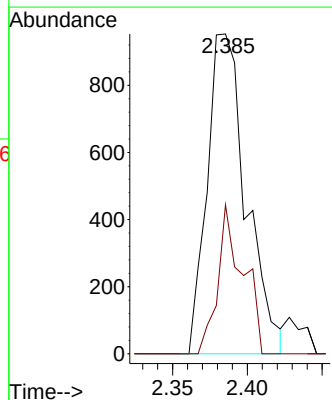
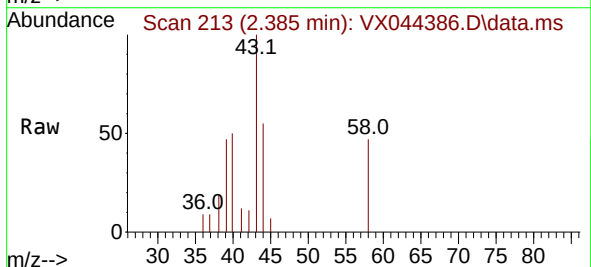
Instrument :
MSVOA_X
ClientSampleId :
BPOW6-10-20241212

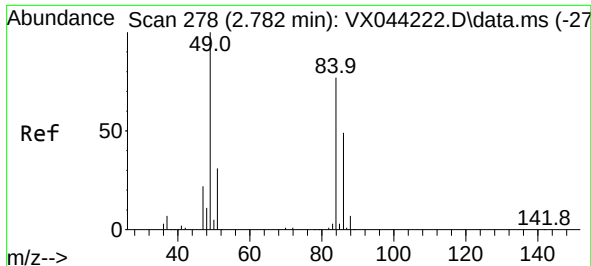
Tgt Ion: 59 Resp: 599
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#



#16
Acetone
Concen: 2.020 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.007 min
Lab File: VX044386.D
Acq: 18 Dec 2024 16:21

Tgt Ion: 43 Resp: 1732
Ion Ratio Lower Upper
43 100
58 46.6 21.6 32.4#

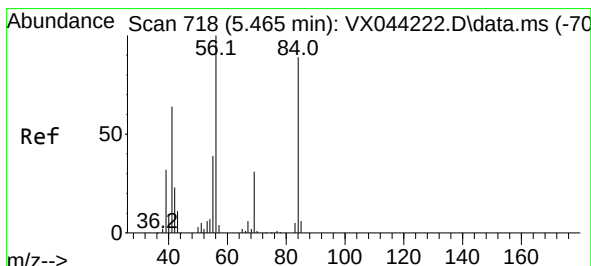
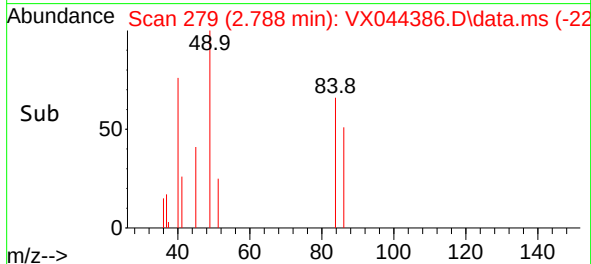
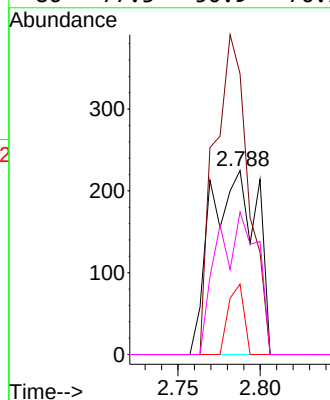
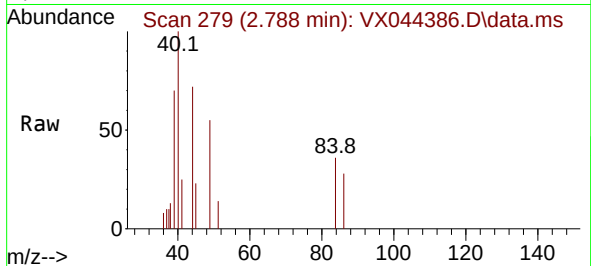




#20
Methylene Chloride
Concen: 0.273 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX044386.D
Acq: 18 Dec 2024 16:21

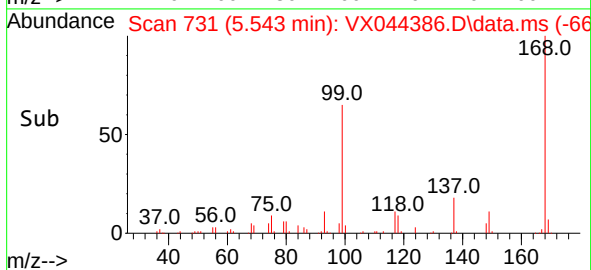
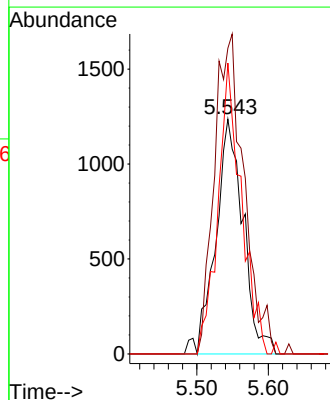
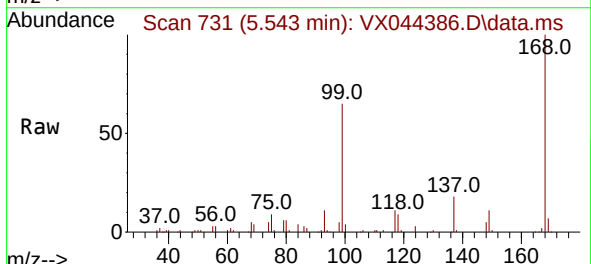
Instrument :
MSVOA_X
ClientSampleId :
BPOW6-10-20241212

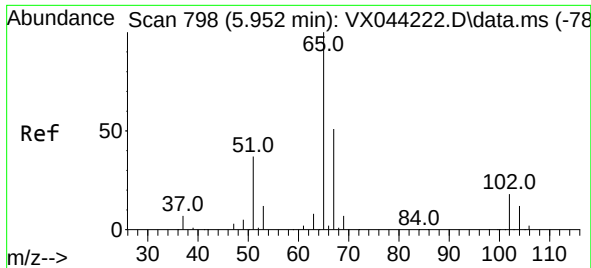
Tgt Ion:	84	Resp:	439
Ion	Ratio	Lower	Upper
84	100		
49	152.4	104.2	156.4
51	38.2	32.2	48.4
86	77.3	50.9	76.3



#31
Cyclohexane
Concen: 1.454 ug/l
RT: 5.543 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX044386.D
Acq: 18 Dec 2024 16:21

Tgt Ion:	56	Resp:	3300
Ion	Ratio	Lower	Upper
56	100		
69	130.3	24.7	37.1
84	123.9	71.0	106.6

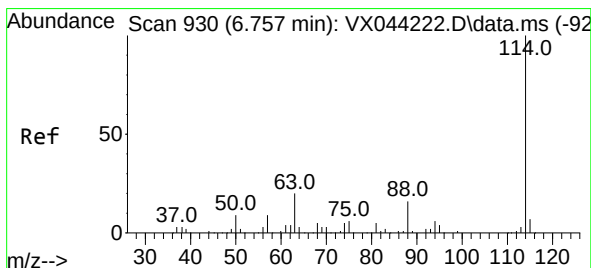
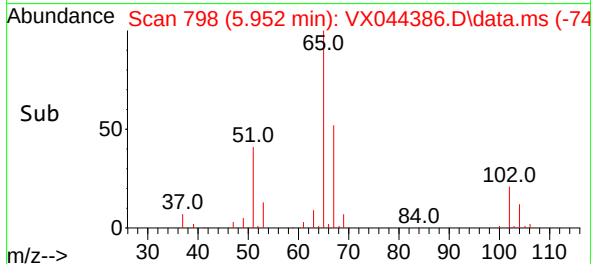
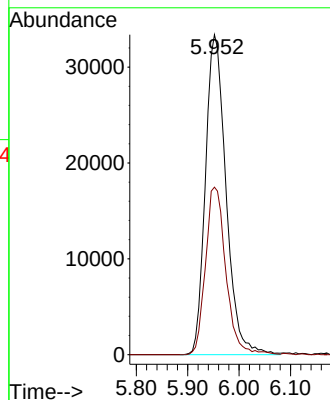
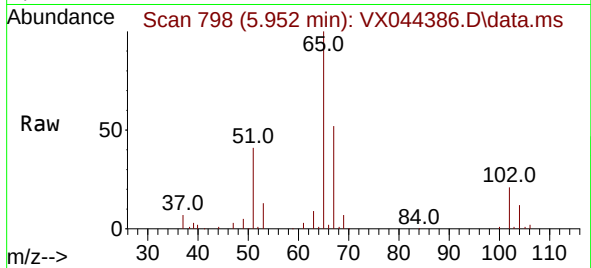




#33
 1,2-Dichloroethane-d4
 Concen: 44.113 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. -0.000 min
 Lab File: VX044386.D
 Acq: 18 Dec 2024 16:21

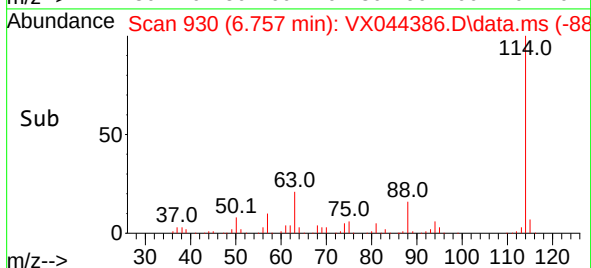
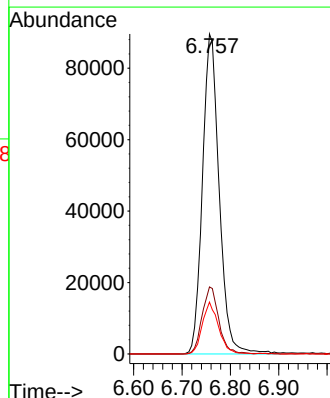
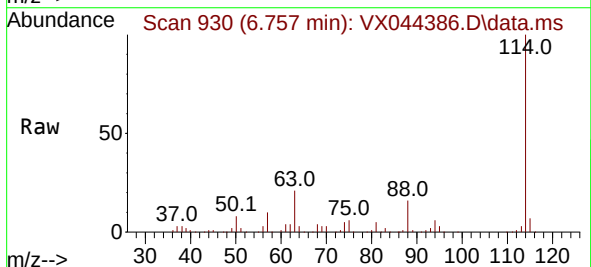
Instrument :
 MSVOA_X
 ClientSampleId :
 BPOW6-10-20241212

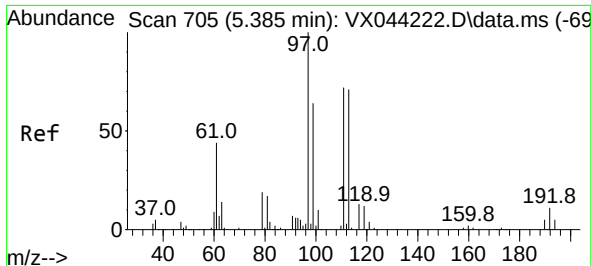
Tgt Ion: 65 Resp: 92782
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.000 min
 Lab File: VX044386.D
 Acq: 18 Dec 2024 16:21

Tgt Ion: 114 Resp: 215469
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 40.6
 88 16.2 0.0 31.8

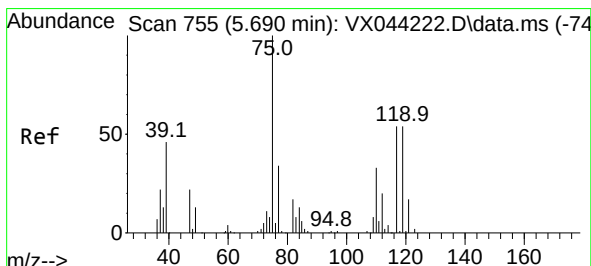
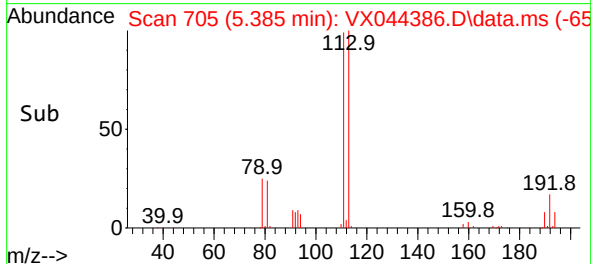
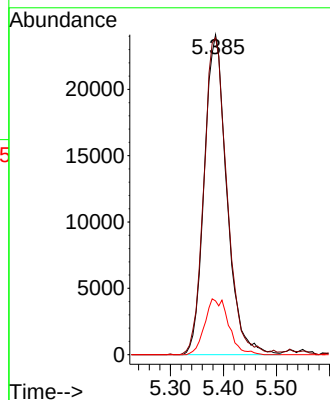
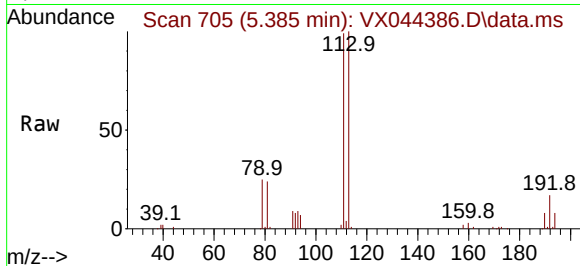




#35
Dibromofluoromethane
Concen: 47.645 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX044386.D
Acq: 18 Dec 2024 16:21

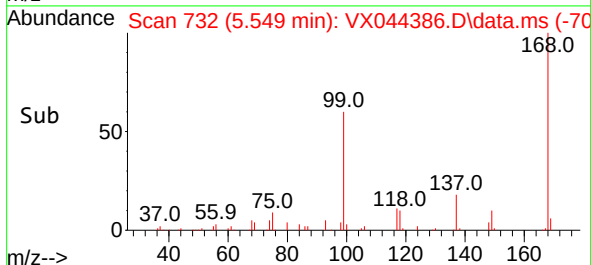
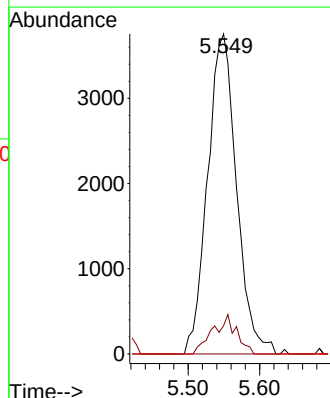
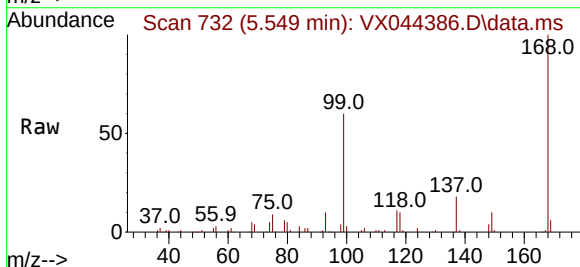
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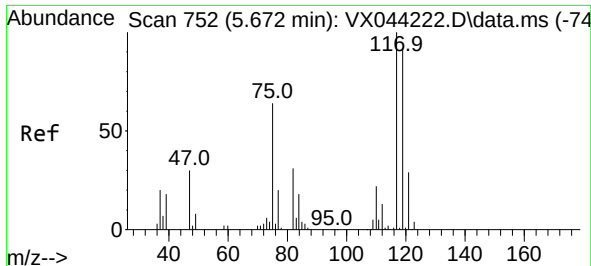
Tgt Ion:	113	Resp:	71102
Ion	Ratio	Lower	Upper
113	100		
111	101.3	80.4	120.6
192	18.5	13.3	19.9



#36
1,1-Dichloropropene
Concen: 5.471 ug/l
RT: 5.549 min Scan# 732
Delta R.T. -0.141 min
Lab File: VX044386.D
Acq: 18 Dec 2024 16:21

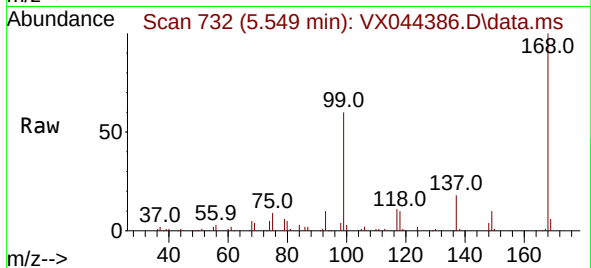
Tgt Ion:	75	Resp:	10554
Ion	Ratio	Lower	Upper
75	100		
110	10.0	17.3	51.7#
77	0.0	25.4	38.0#



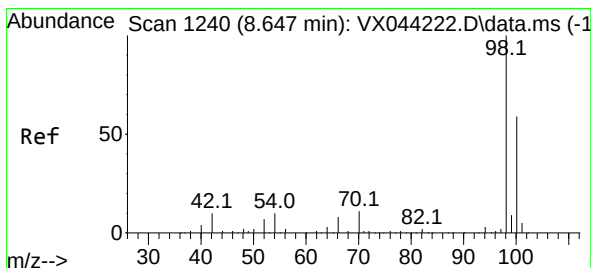
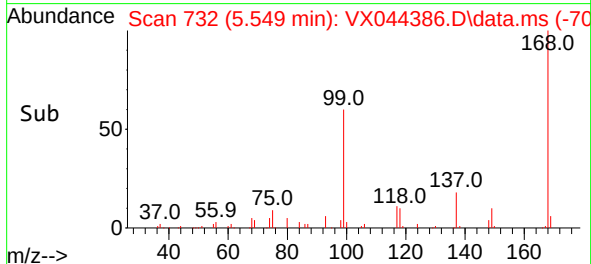
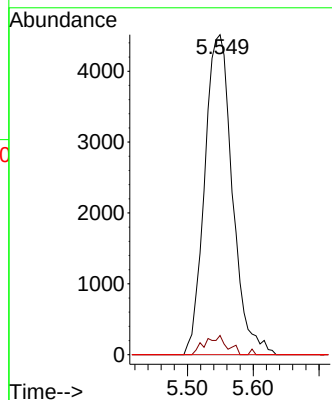


#38
Carbon Tetrachloride
Concen: 6.382 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX044386.D
Acq: 18 Dec 2024 16:21

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-10-20241212

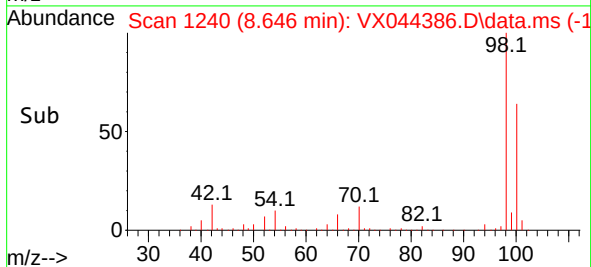
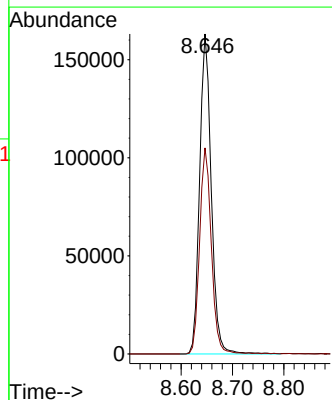
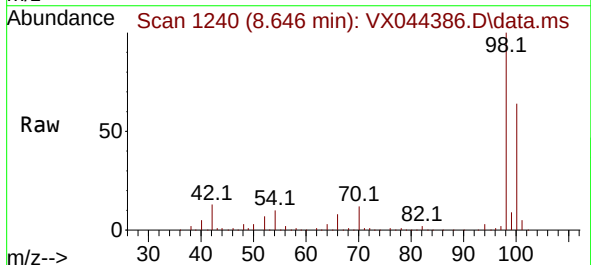


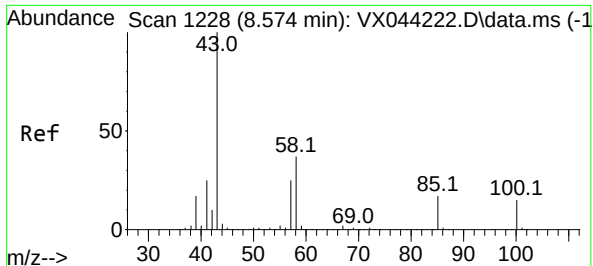
Tgt Ion:117 Resp: 13255
Ion Ratio Lower Upper
117 100
119 6.0 74.2 111.4#
121 0.0 23.0 34.6#



#50
Toluene-d8
Concen: 50.952 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX044386.D
Acq: 18 Dec 2024 16:21

Tgt Ion: 98 Resp: 256528
Ion Ratio Lower Upper
98 100
100 64.9 51.5 77.3

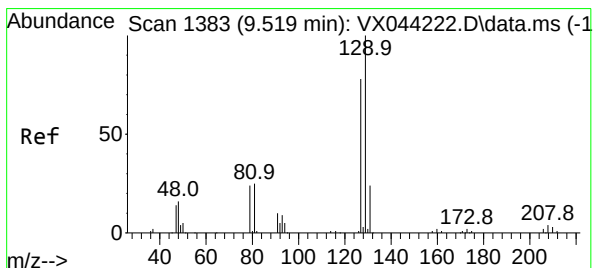
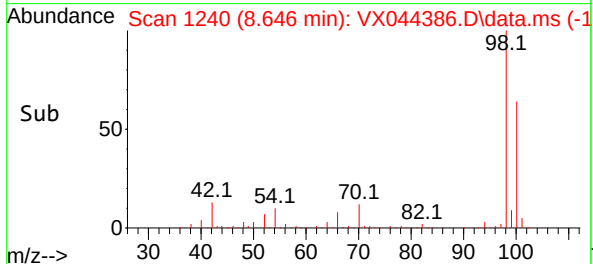
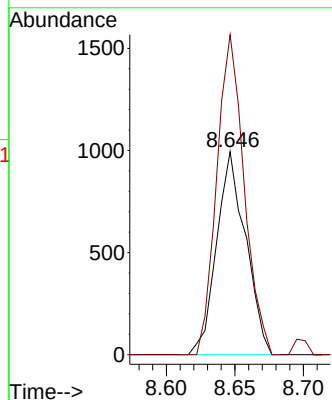
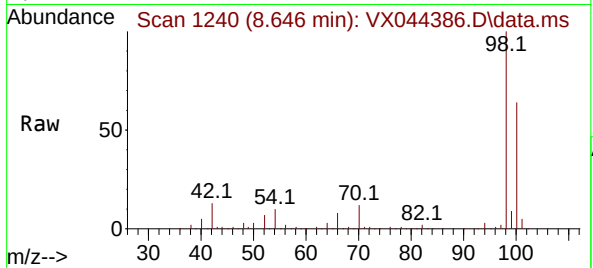




#51
4-Methyl-2-Pentanone
Concen: 0.611 ug/l
RT: 8.646 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX044386.D
Acq: 18 Dec 2024 16:21

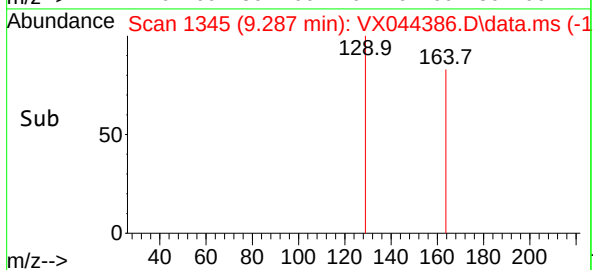
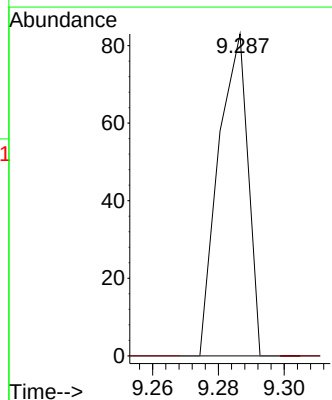
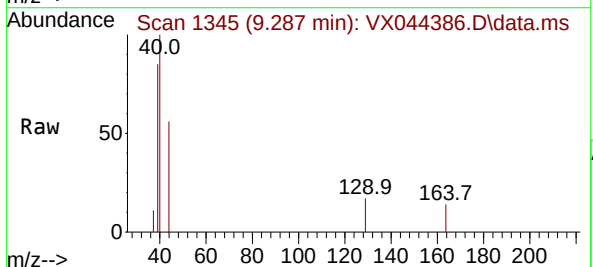
Instrument :
MSVOA_X
ClientSampleId :
BPOW6-10-20241212

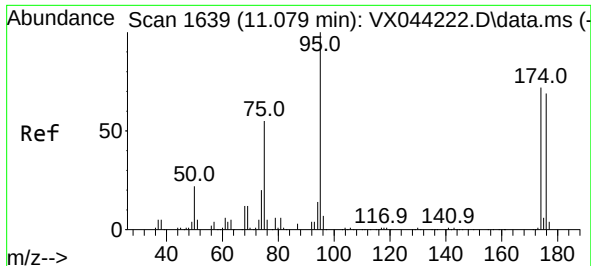
Tgt Ion: 43 Resp: 1464
Ion Ratio Lower Upper
43 100
58 149.0 29.4 44.0#



#60
Dibromochloromethane
Concen: 1.266 ug/l
RT: 9.287 min Scan# 1345
Delta R.T. -0.232 min
Lab File: VX044386.D
Acq: 18 Dec 2024 16:21

Tgt Ion: 129 Resp: 52
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.3#

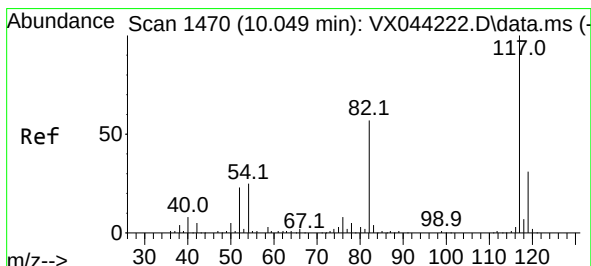
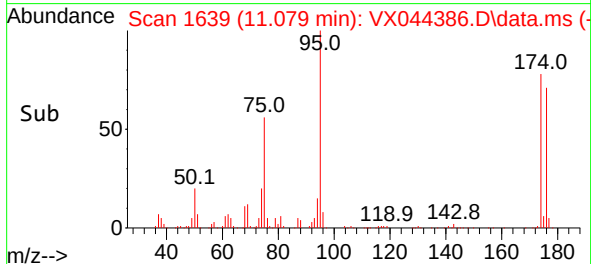
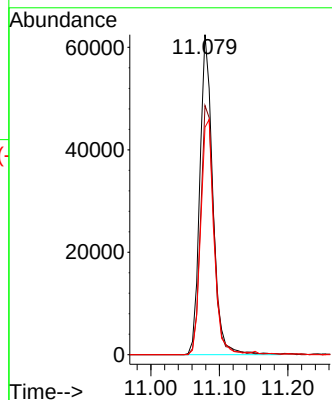
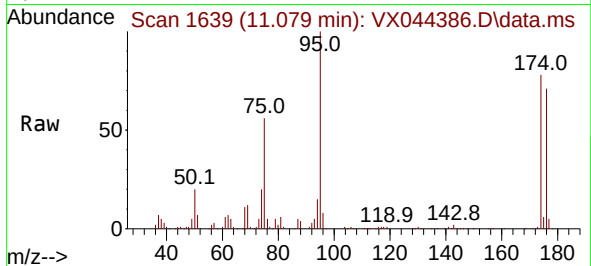




#62
4-Bromofluorobenzene
Concen: 46.595 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX044386.D
Acq: 18 Dec 2024 16:21

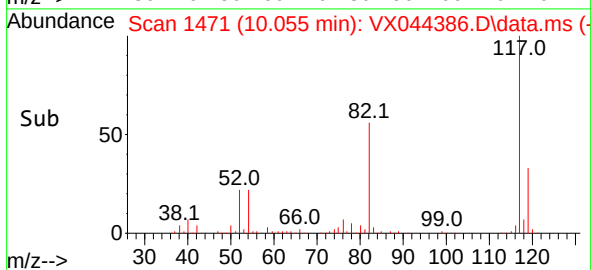
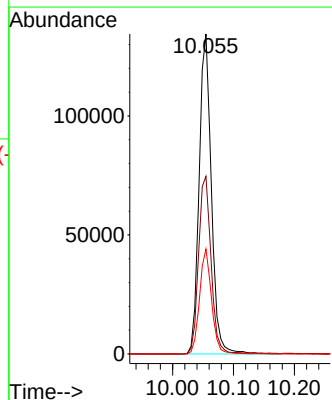
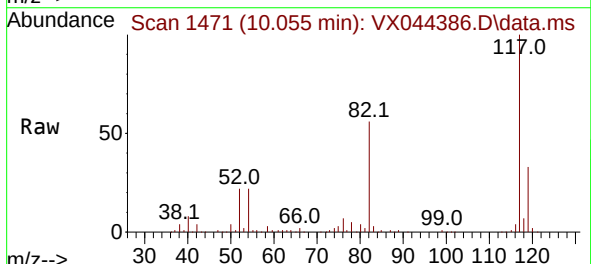
Instrument :
MSVOA_X
ClientSampleId :
BPOW6-10-20241212

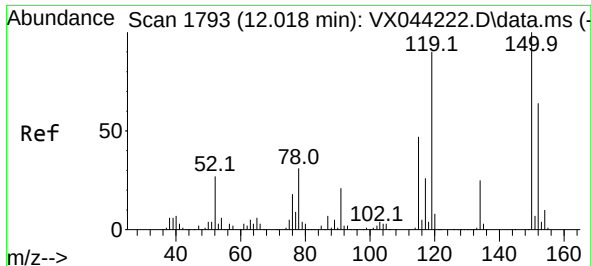
Tgt Ion: 95 Resp: 81971
Ion Ratio Lower Upper
95 100
174 80.8 0.0 145.8
176 75.1 0.0 137.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX044386.D
Acq: 18 Dec 2024 16:21

Tgt Ion: 117 Resp: 187592
Ion Ratio Lower Upper
117 100
82 55.5 45.8 68.8
119 32.8 25.0 37.4

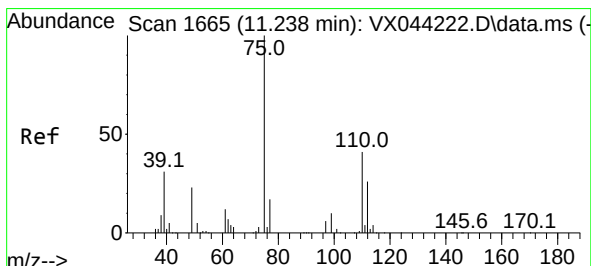
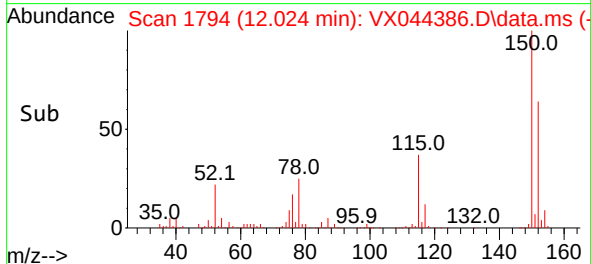
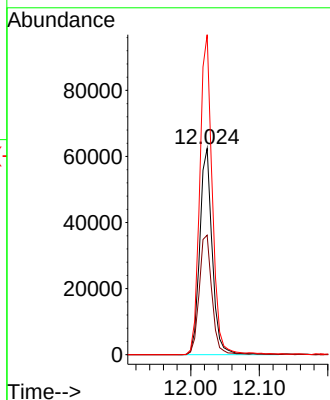
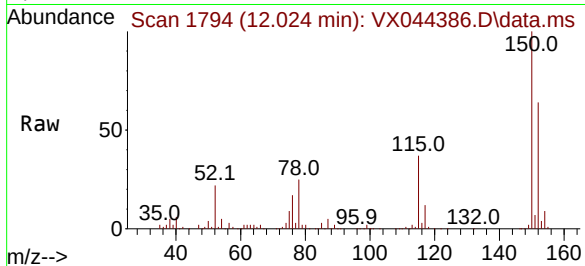




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX044386.D
Acq: 18 Dec 2024 16:21

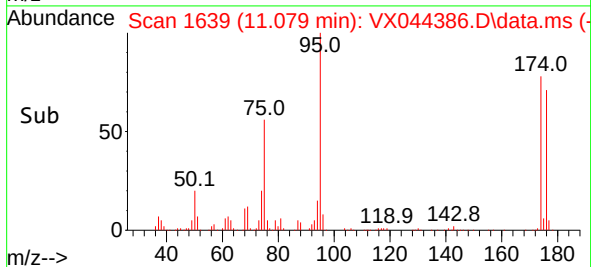
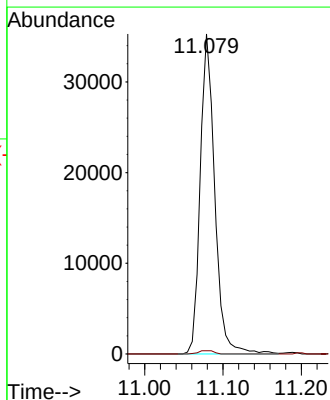
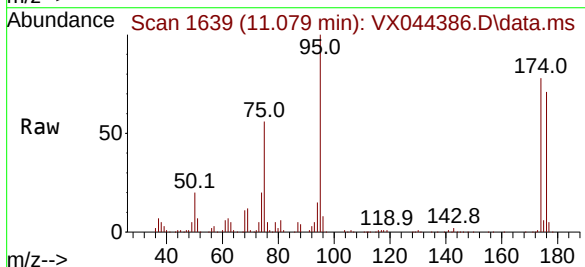
Instrument :
MSVOA_X
ClientSampleId :
BPOW6-10-20241212

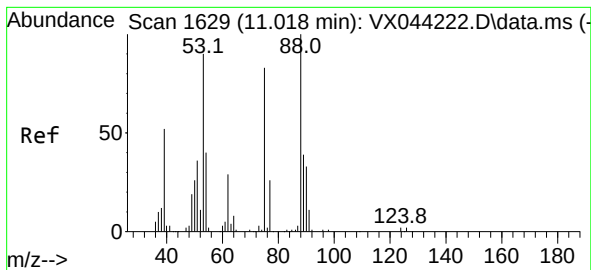
Tgt Ion:152 Resp: 79273
Ion Ratio Lower Upper
152 100
115 59.5 44.5 133.3
150 153.8 0.0 353.8



#76
1,2,3-Trichloropropane
Concen: 25.743 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX044386.D
Acq: 18 Dec 2024 16:21

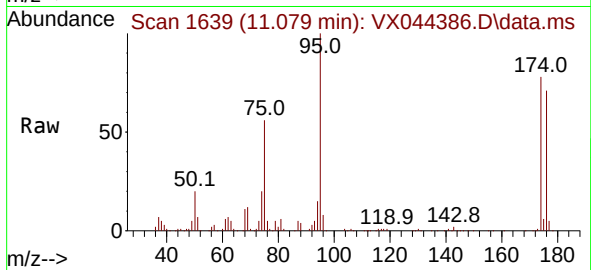
Tgt Ion: 75 Resp: 45564
Ion Ratio Lower Upper
75 100
77 1.1 20.9 62.7#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 71.114 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX044386.D
 Acq: 18 Dec 2024 16:21

Instrument :
 MSVOA_X
 ClientSampleId :
 BPOW6-10-20241212



Tgt Ion: 75 Resp: 45564
 Ion Ratio Lower Upper
 75 100
 53 0.0 93.6 140.4#
 89 0.0 37.3 55.9#

