

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
 Data File : VX047843.D
 Acq On : 26 Sep 2025 08:25
 Operator : JC/MD
 Sample : Q3128-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPOW6-1-20250916

Quant Time: Sep 26 22:50:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

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

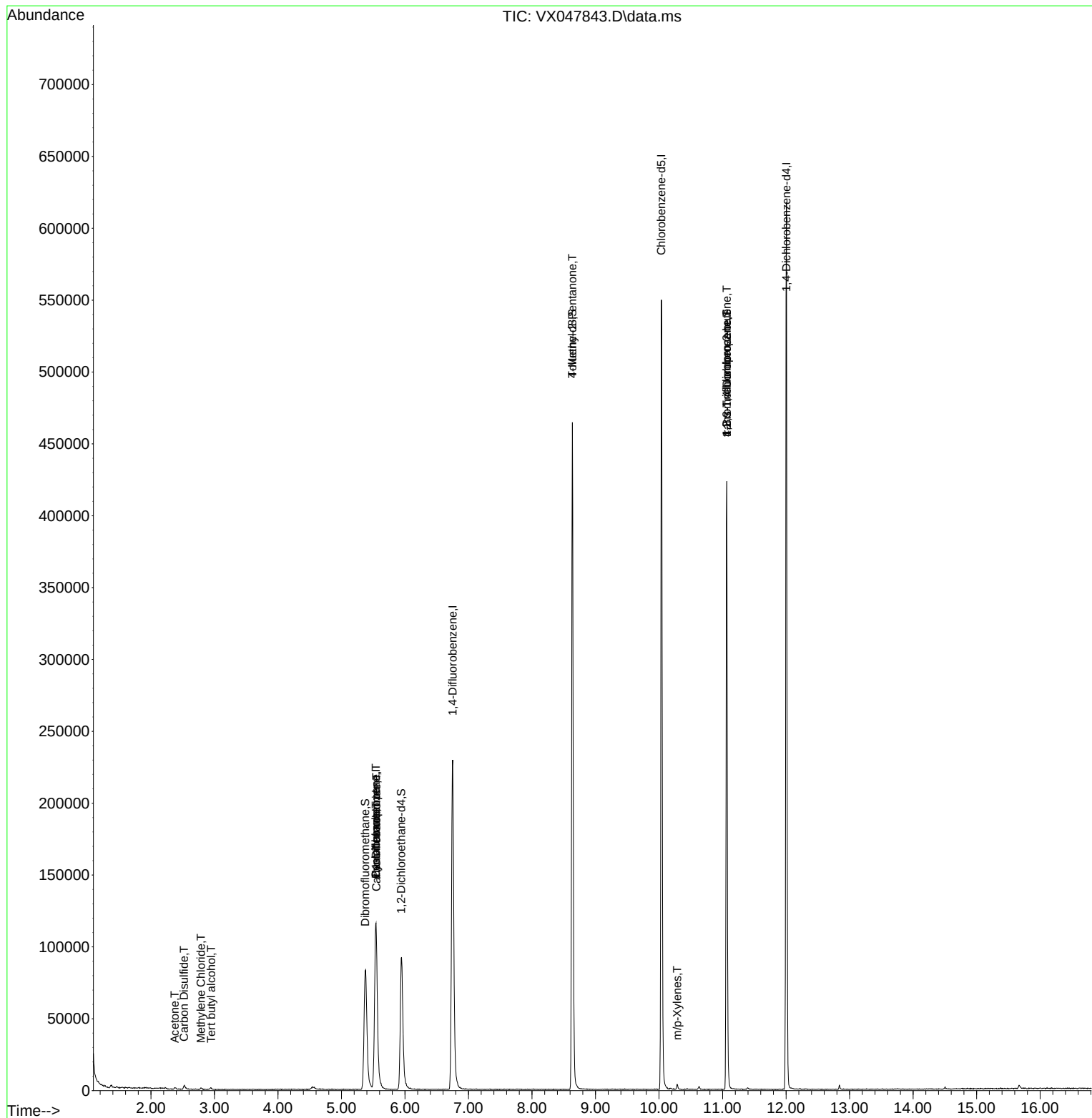
Internal Standards						
1) Pentafluorobenzene	5.543	168	118010	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	250283	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	255095	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	127833	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	101921	54.259	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 108.520%		
35) Dibromofluoromethane	5.373	113	82472	49.133	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 98.260%		
50) Toluene-d8	8.634	98	282343	48.612	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 97.220%		
62) 4-Bromofluorobenzene	11.067	95	120520	54.676	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 109.360%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.946	59	237	1.133	ug/l #	72
16) Acetone	2.373	43	1577	1.931	ug/l	94
17) Carbon Disulfide	2.520	76	829	0.216	ug/l #	76
20) Methylene Chloride	2.788	84	407	0.235	ug/l #	89
31) Cyclohexane	5.543	56	2646	1.066	ug/l #	1
36) 1,1-Dichloropropene	5.543	75	10318	4.207	ug/l #	49
38) Carbon Tetrachloride	5.550	117	11670	4.379	ug/l #	17
51) 4-Methyl-2-Pentanone	8.634	43	1364	0.571	ug/l #	1
68) m/p-Xylenes	10.286	106	816	0.219	ug/l	88
76) 1,2,3-Trichloropropane	11.067	75	62648	24.205	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.067	75	62648	61.726	ug/l #	8

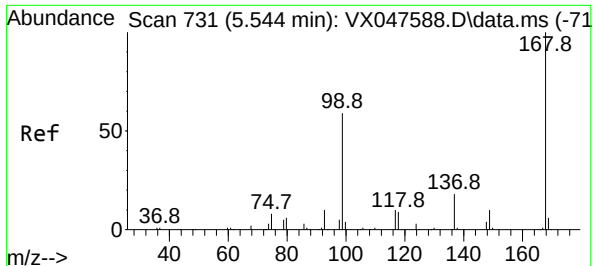
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
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Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

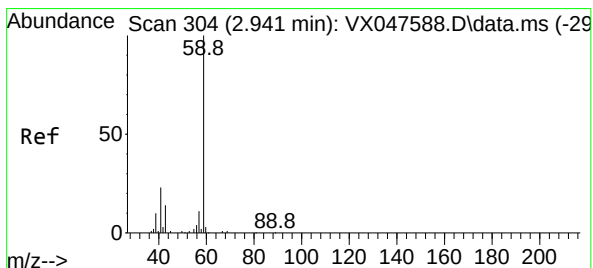
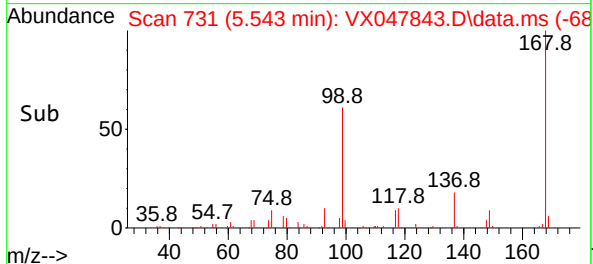
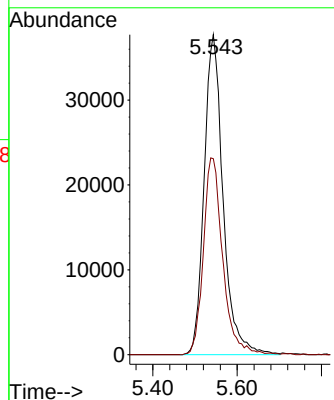
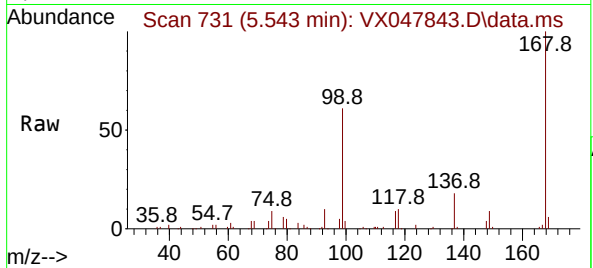




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX047843.D
Acq: 26 Sep 2025 08:25

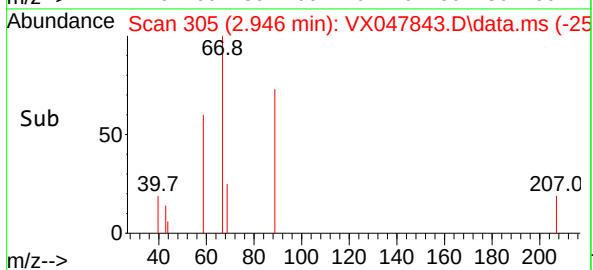
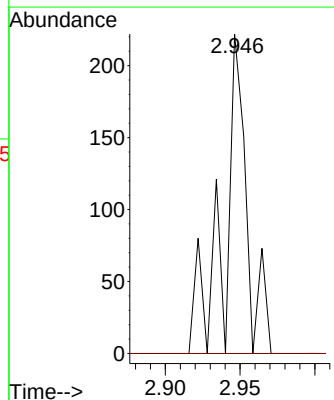
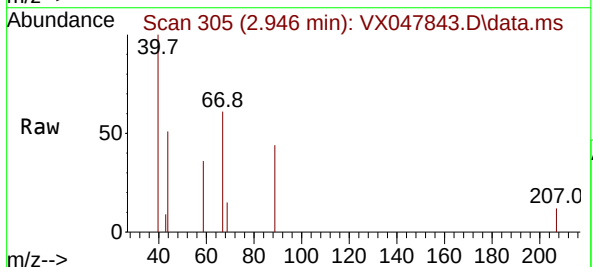
Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916

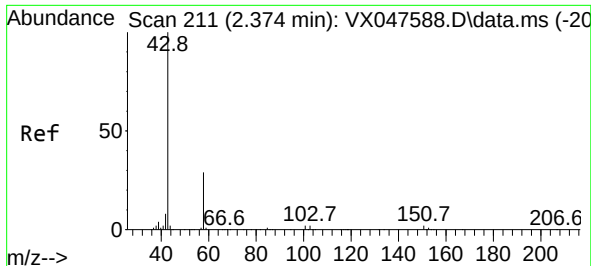
Tgt Ion:168 Resp: 118010
Ion Ratio Lower Upper
168 100
99 61.2 48.8 73.2



#11
Tert butyl alcohol
Concen: 1.133 ug/l
RT: 2.946 min Scan# 305
Delta R.T. 0.006 min
Lab File: VX047843.D
Acq: 26 Sep 2025 08:25

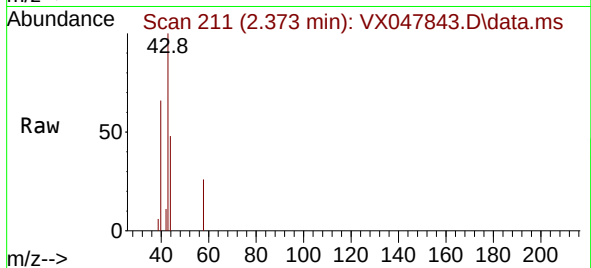
Tgt Ion: 59 Resp: 237
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



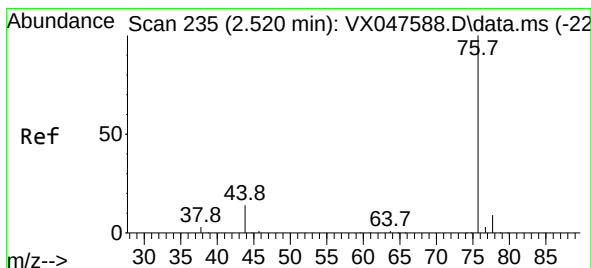
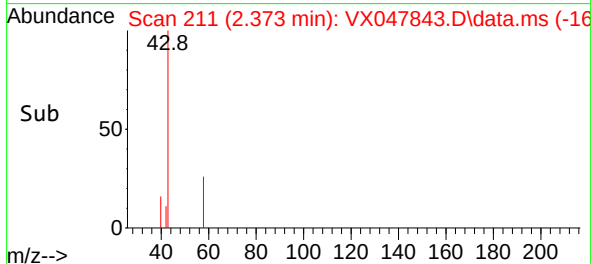
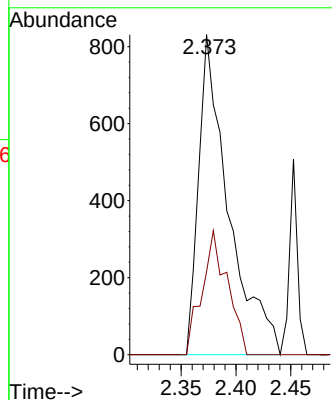


#16
Acetone
Concen: 1.931 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047843.D
Acq: 26 Sep 2025 08:25

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916

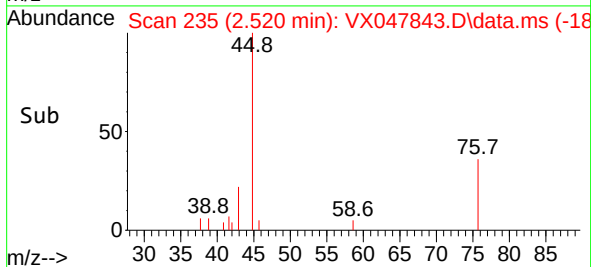
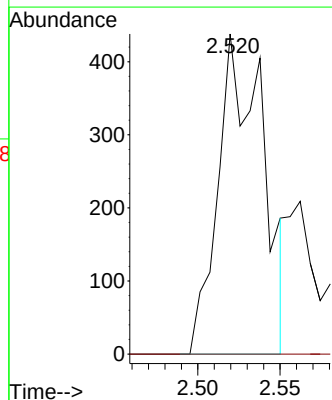
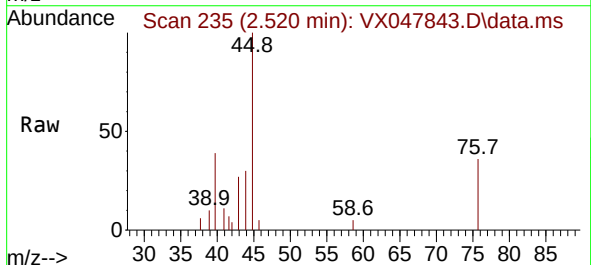


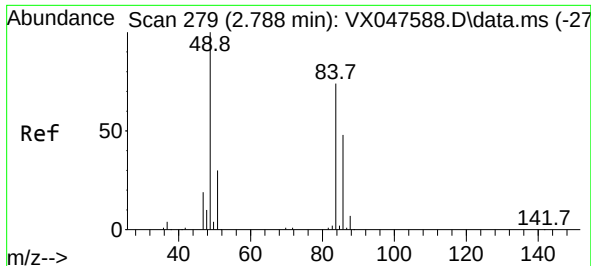
Tgt Ion: 43 Resp: 1577
Ion Ratio Lower Upper
43 100
58 26.0 23.4 35.0



#17
Carbon Disulfide
Concen: 0.216 ug/l
RT: 2.520 min Scan# 235
Delta R.T. -0.000 min
Lab File: VX047843.D
Acq: 26 Sep 2025 08:25

Tgt Ion: 76 Resp: 829
Ion Ratio Lower Upper
76 100
78 0.0 6.8 10.2#

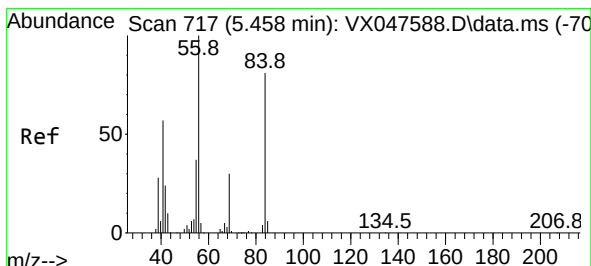
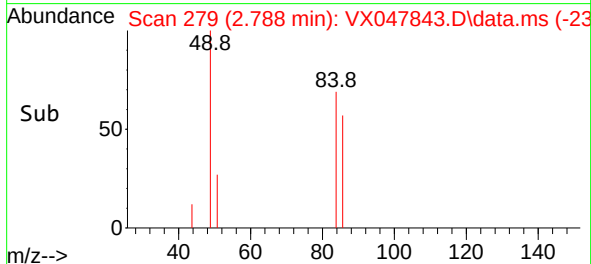
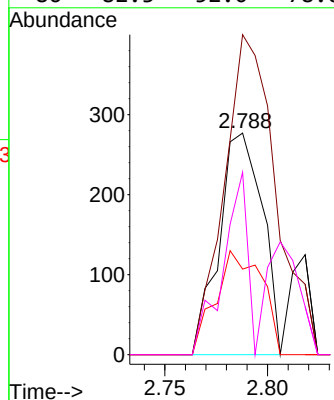
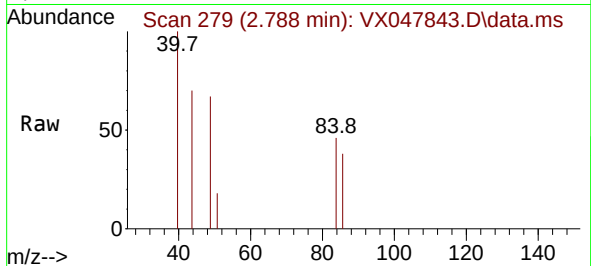




#20
Methylene Chloride
Concen: 0.235 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX047843.D
Acq: 26 Sep 2025 08:25

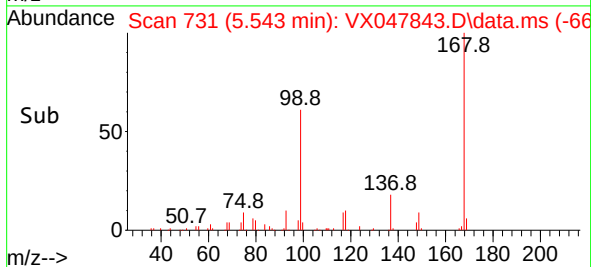
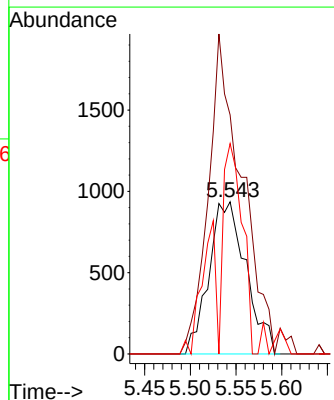
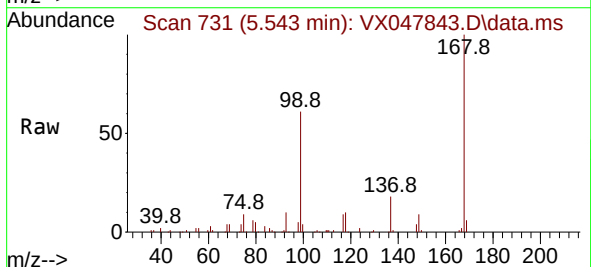
Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916

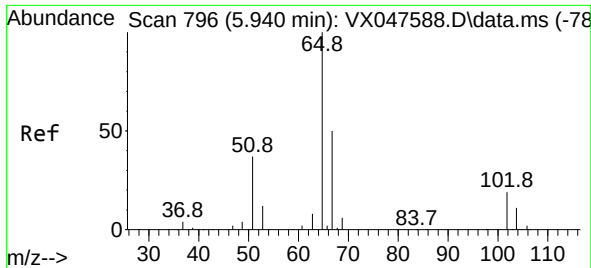
Tgt Ion:	84	Resp:	407
Ion	Ratio	Lower	Upper
84	100		
49	144.4	108.6	162.8
51	38.6	32.6	48.8
86	82.3	52.0	78.0



#31
Cyclohexane
Concen: 1.066 ug/l
RT: 5.543 min Scan# 731
Delta R.T. 0.085 min
Lab File: VX047843.D
Acq: 26 Sep 2025 08:25

Tgt Ion:	56	Resp:	2646
Ion	Ratio	Lower	Upper
56	100		
69	157.1	23.8	35.8
84	138.2	64.6	97.0





#33

1,2-Dichloroethane-d4

Concen: 54.259 ug/l

RT: 5.940 min Scan# 796

Delta R.T. -0.000 min

Lab File: VX047843.D

Acq: 26 Sep 2025 08:25

Instrument :

MSVOA_X

ClientSampleId :

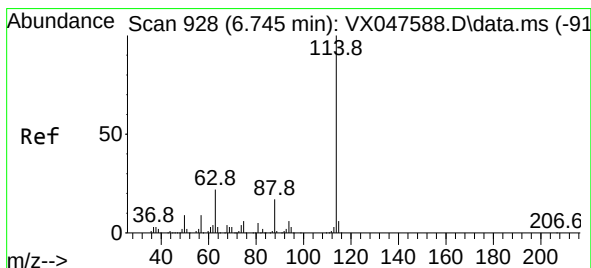
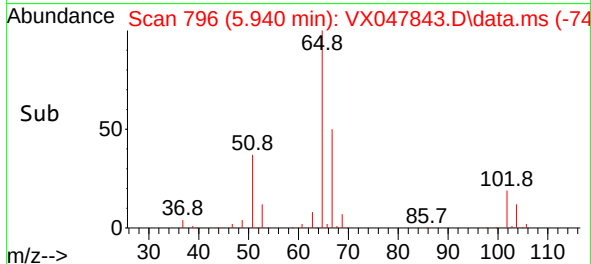
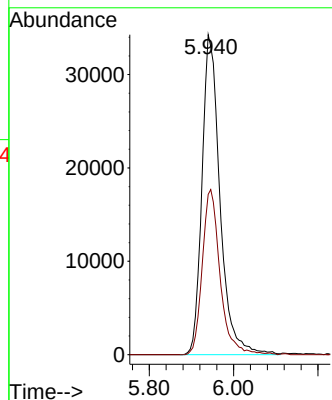
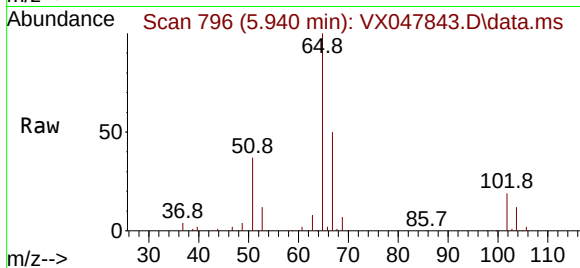
BPOW6-1-20250916

Tgt Ion: 65 Resp: 101921

Ion Ratio Lower Upper

65 100

67 51.1 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. 0.006 min

Lab File: VX047843.D

Acq: 26 Sep 2025 08:25

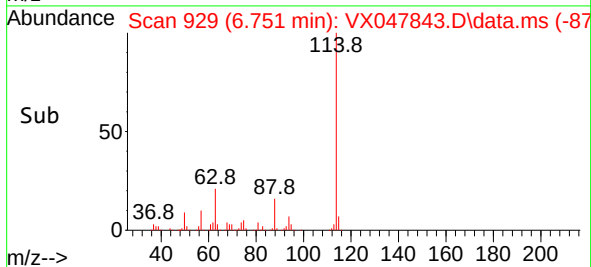
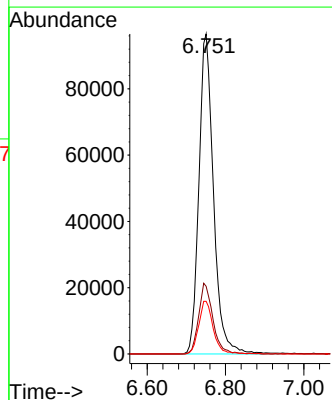
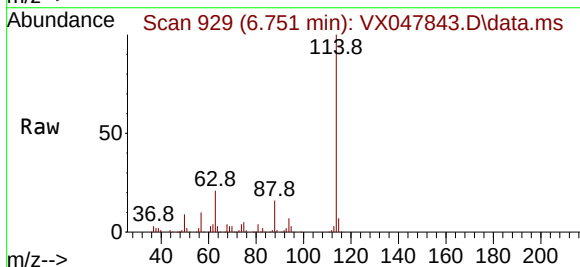
Tgt Ion: 114 Resp: 250283

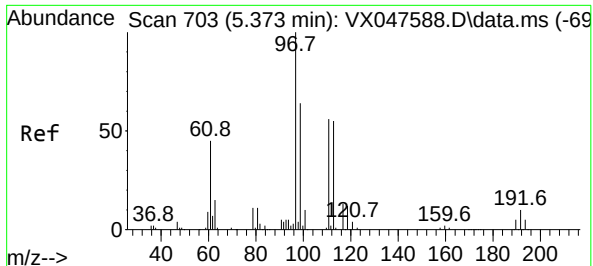
Ion Ratio Lower Upper

114 100

63 24.1 0.0 44.0

88 16.5 0.0 34.2

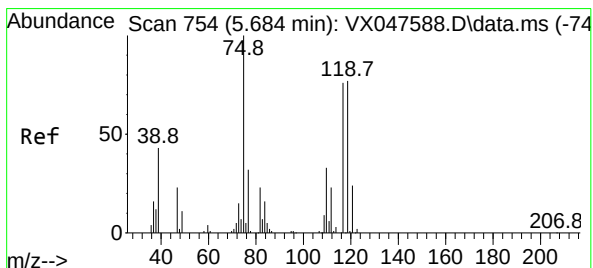
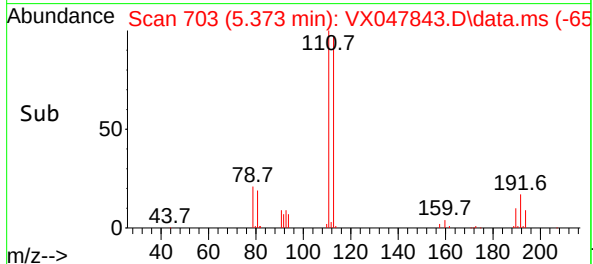
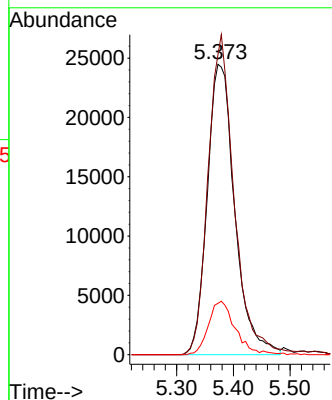
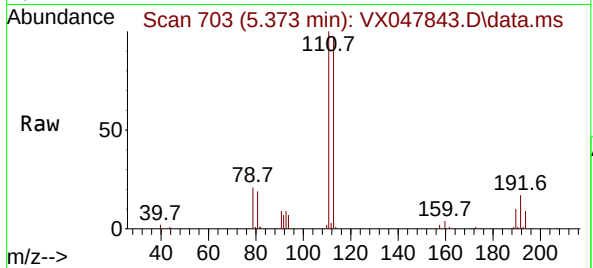




#35
Dibromofluoromethane
Concen: 49.133 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047843.D
Acq: 26 Sep 2025 08:25

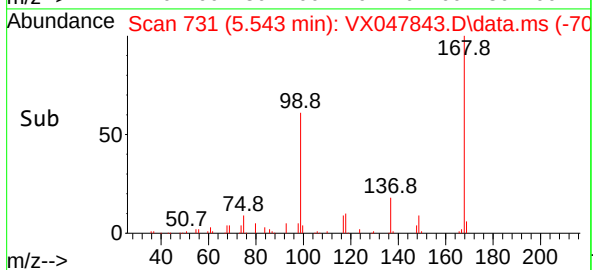
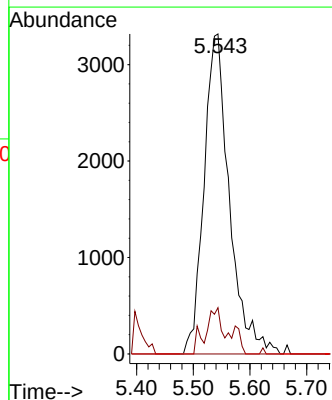
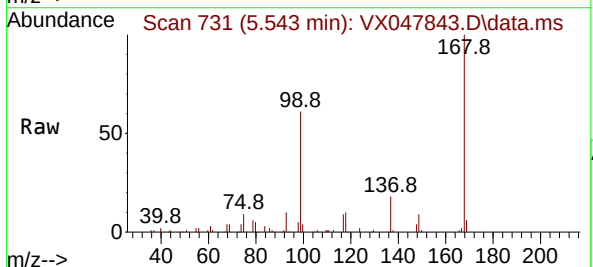
Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916

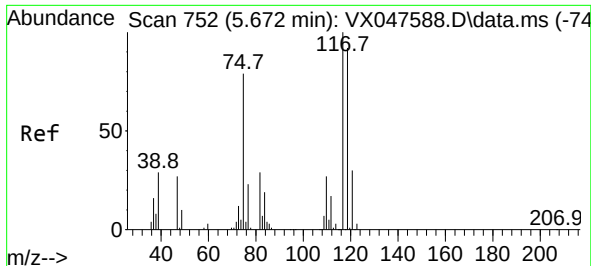
Tgt Ion:113 Resp: 82472
Ion Ratio Lower Upper
113 100
111 104.2 80.9 121.3
192 18.0 14.2 21.4



#36
1,1-Dichloropropene
Concen: 4.207 ug/l
RT: 5.543 min Scan# 731
Delta R.T. -0.141 min
Lab File: VX047843.D
Acq: 26 Sep 2025 08:25

Tgt Ion: 75 Resp: 10318
Ion Ratio Lower Upper
75 100
110 7.1 16.7 50.1#
77 0.0 24.3 36.5#

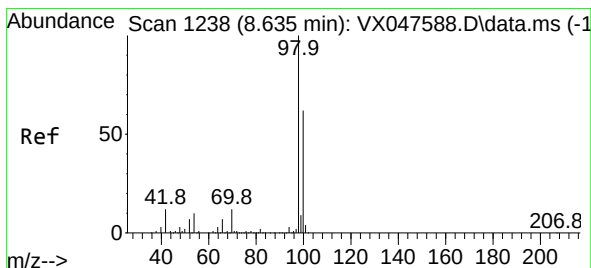
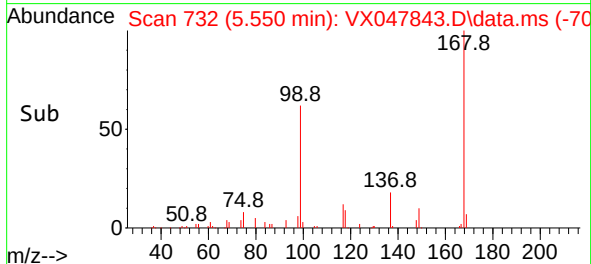
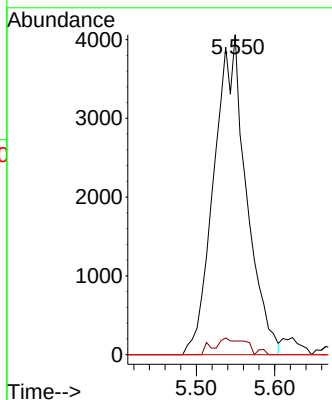
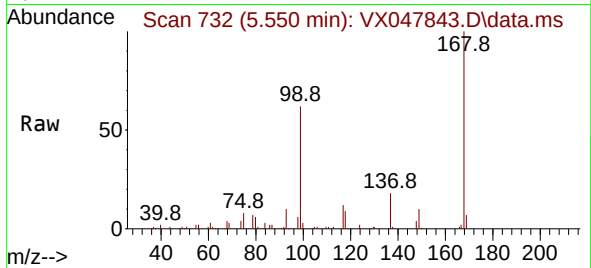




#38
Carbon Tetrachloride
Concen: 4.379 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX047843.D
Acq: 26 Sep 2025 08:25

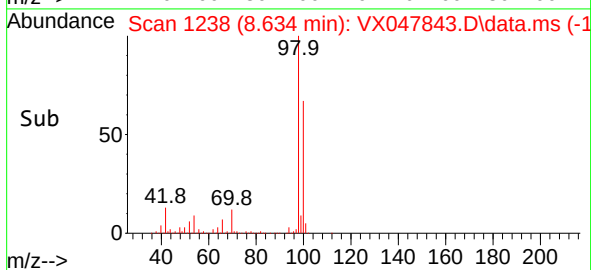
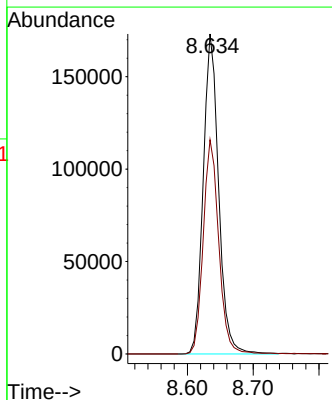
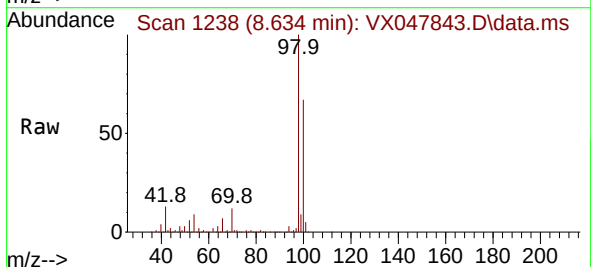
Instrument :
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BPOW6-1-20250916

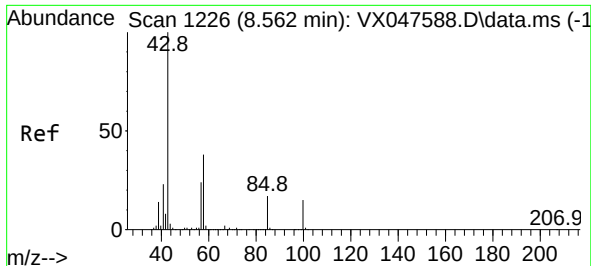
Tgt Ion:117 Resp: 11670
Ion Ratio Lower Upper
117 100
119 4.2 73.4 110.2#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 48.612 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047843.D
Acq: 26 Sep 2025 08:25

Tgt Ion: 98 Resp: 282343
Ion Ratio Lower Upper
98 100
100 67.5 53.0 79.4

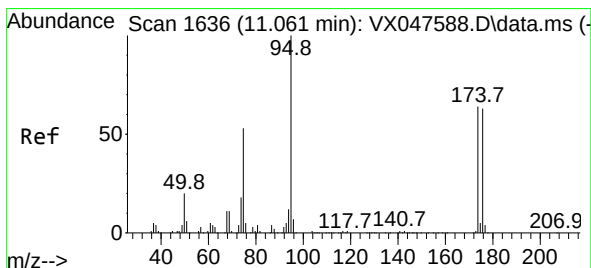
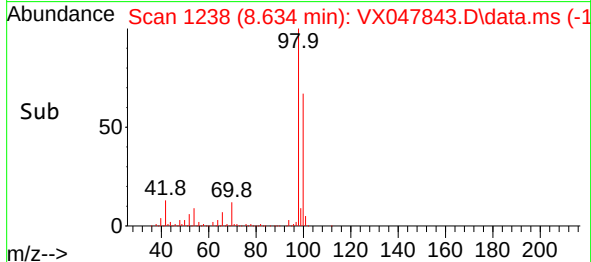
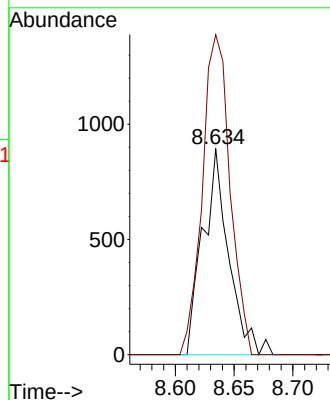
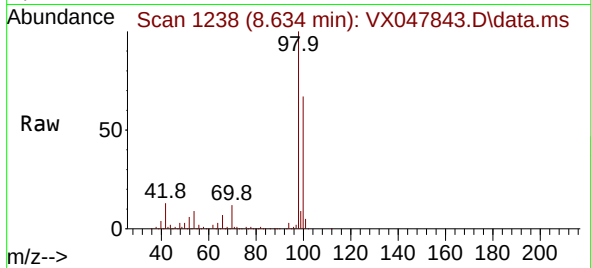




#51
4-Methyl-2-Pentanone
Concen: 0.571 ug/l
RT: 8.634 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX047843.D
Acq: 26 Sep 2025 08:25

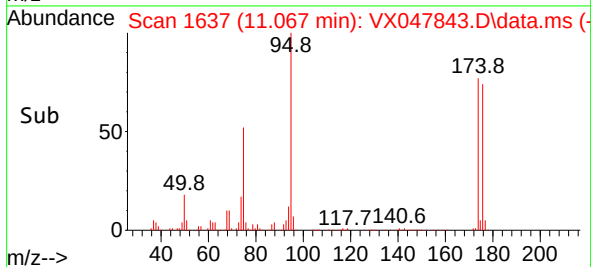
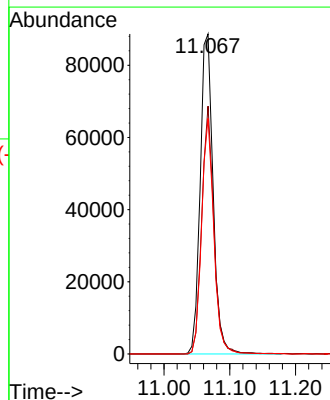
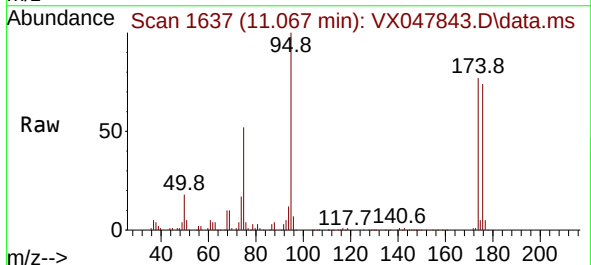
Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916

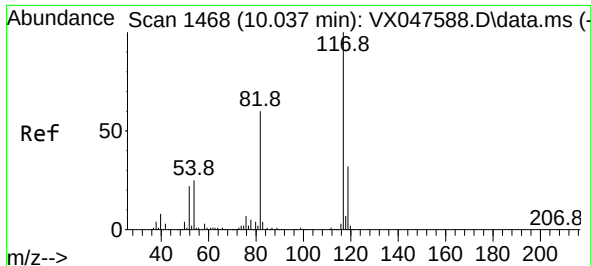
Tgt Ion: 43 Resp: 1364
Ion Ratio Lower Upper
43 100
58 167.2 30.3 45.5#



#62
4-Bromofluorobenzene
Concen: 54.676 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX047843.D
Acq: 26 Sep 2025 08:25

Tgt Ion: 95 Resp: 120520
Ion Ratio Lower Upper
95 100
174 72.8 0.0 141.6
176 69.8 0.0 138.4

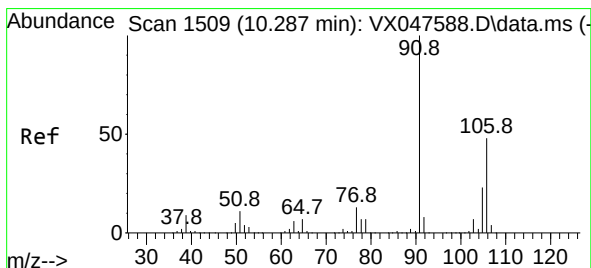
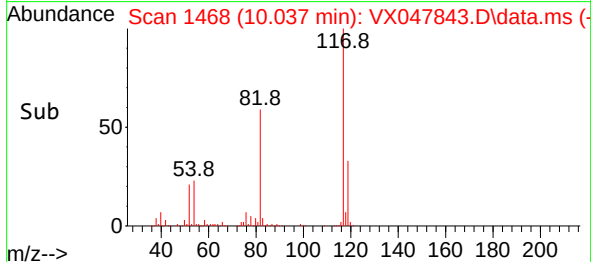
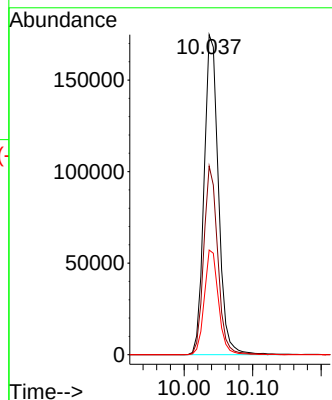
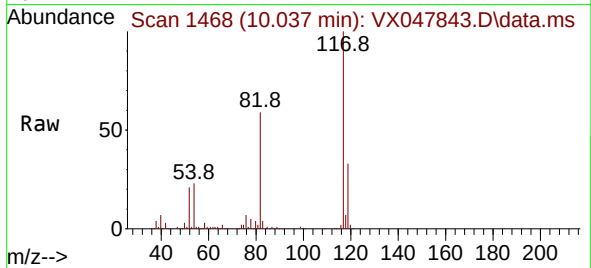




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047843.D
Acq: 26 Sep 2025 08:25

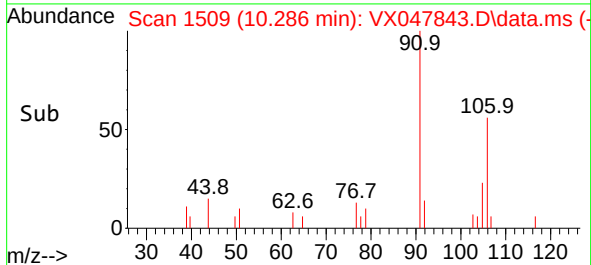
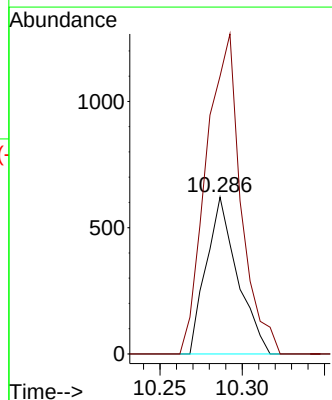
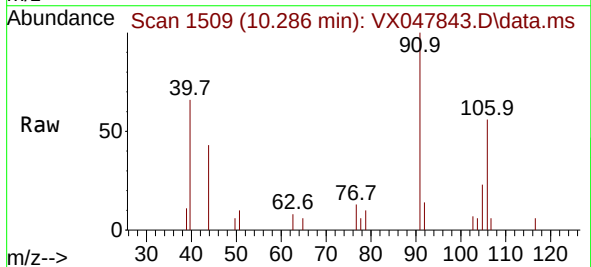
Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916

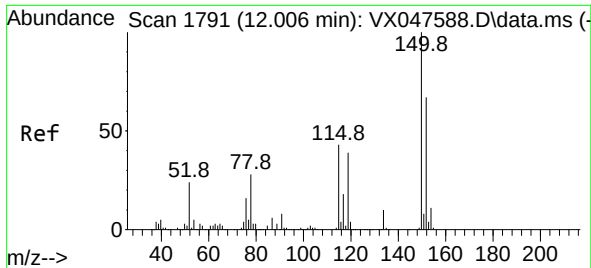
Tgt Ion:117 Resp: 255095
Ion Ratio Lower Upper
117 100
82 58.9 47.8 71.6
119 32.7 25.2 37.8



#68
m/p-Xylenes
Concen: 0.219 ug/l
RT: 10.286 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX047843.D
Acq: 26 Sep 2025 08:25

Tgt Ion:106 Resp: 816
Ion Ratio Lower Upper
106 100
91 228.3 167.8 251.8

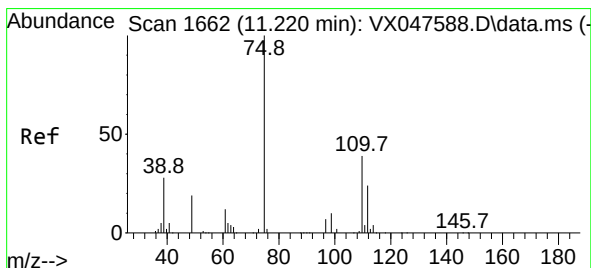
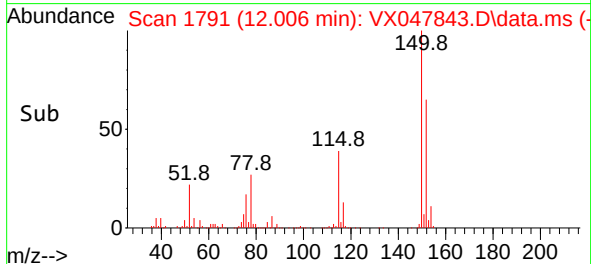
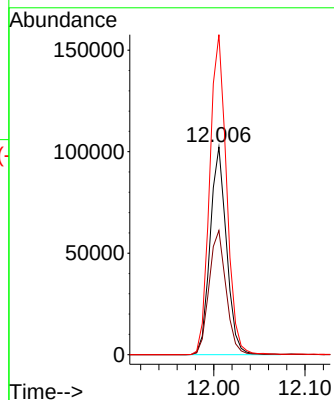
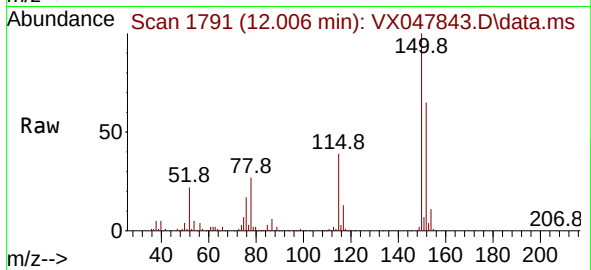




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VX047843.D
 Acq: 26 Sep 2025 08:25

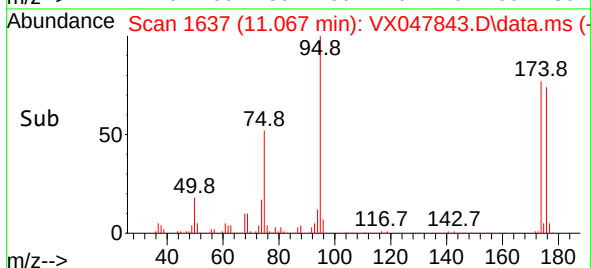
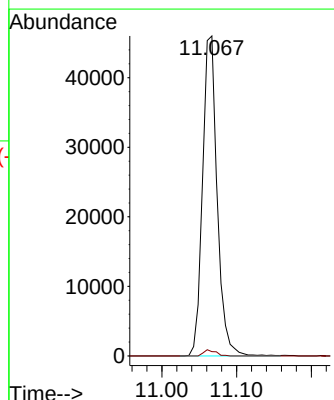
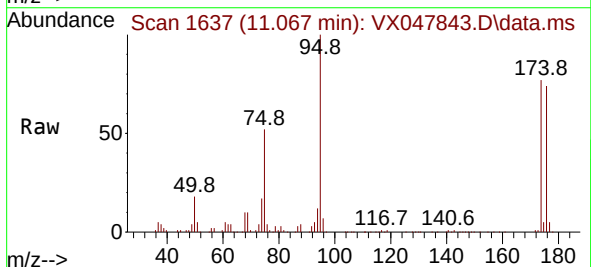
Instrument :
 MSVOA_X
 ClientSampleId :
 BPOW6-1-20250916

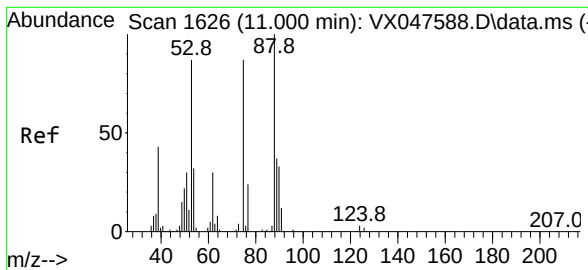
Tgt Ion:152 Resp: 127833
 Ion Ratio Lower Upper
 152 100
 115 62.4 44.9 134.5
 150 158.2 0.0 352.0



#76
 1,2,3-Trichloropropane
 Concen: 24.205 ug/l
 RT: 11.067 min Scan# 1637
 Delta R.T. -0.153 min
 Lab File: VX047843.D
 Acq: 26 Sep 2025 08:25

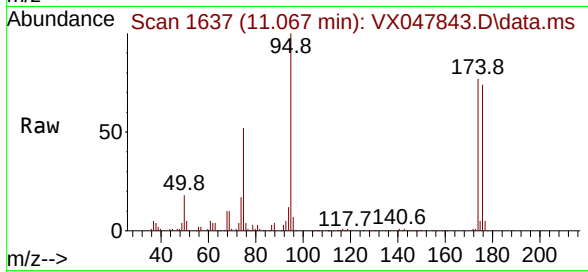
Tgt Ion: 75 Resp: 62648
 Ion Ratio Lower Upper
 75 100
 77 1.6 18.8 56.4#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 61.726 ug/l
 RT: 11.067 min Scan# 11
 Delta R.T. 0.067 min
 Lab File: VX047843.D
 Acq: 26 Sep 2025 08:25

Instrument :
 MSVOA_X
 ClientSampleId :
 BPOW6-1-20250916



Tgt Ion: 75 Resp: 62648
 Ion Ratio Lower Upper
 75 100
 53 0.0 83.4 125.2#
 89 0.0 36.3 54.5#

