

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
 Data File : VX047819.D
 Acq On : 25 Sep 2025 17:45
 Operator : JC/MD
 Sample : Q3127-19
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPOW1-7-20250917

Quant Time: Sep 26 01:32:36 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)

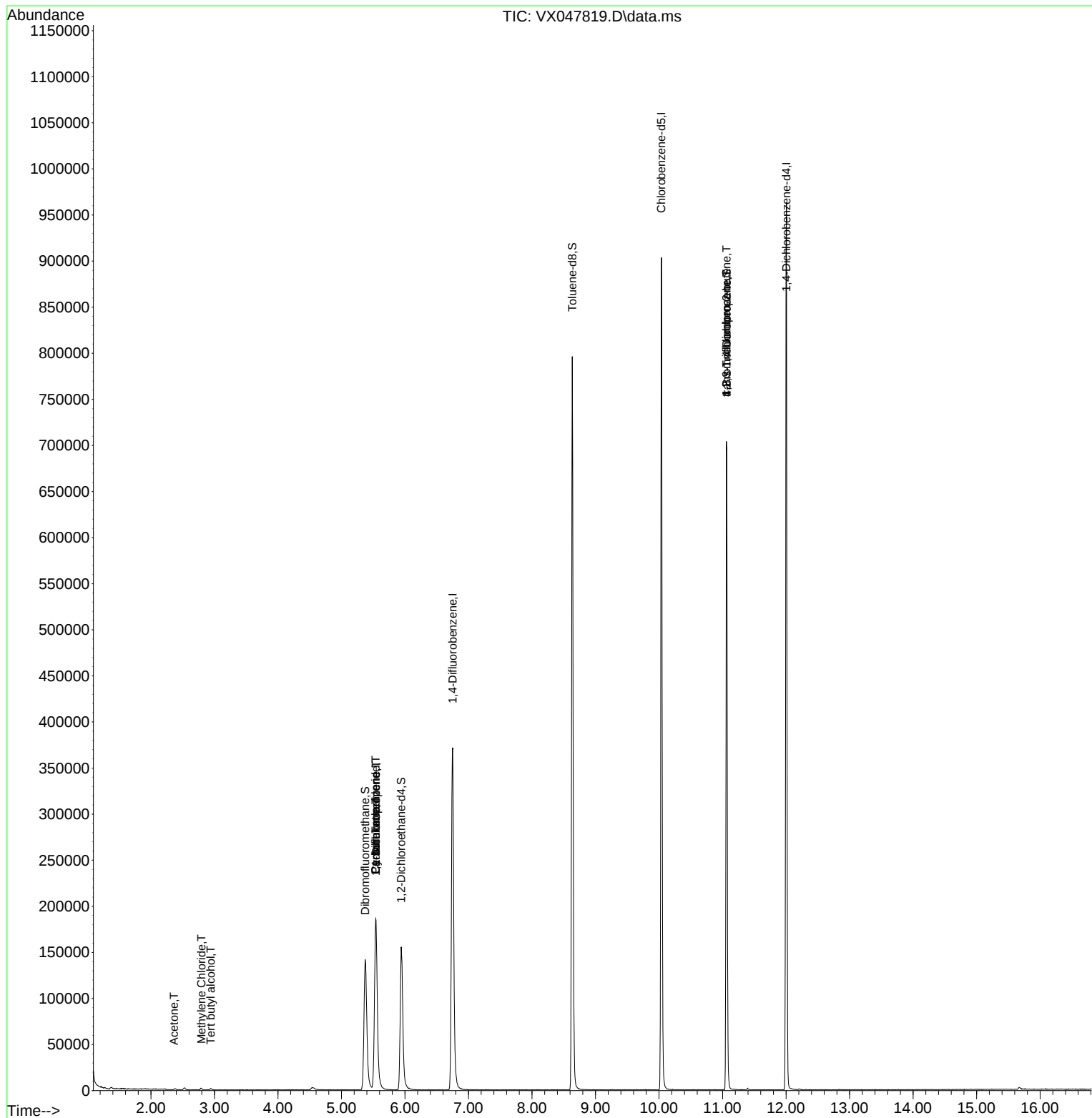
Internal Standards						
1) Pentafluorobenzene	5.538	168	187193	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	406514	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	412777	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	206806	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	162355	54.488	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 108.980%	
35) Dibromofluoromethane	5.373	113	137838	50.559	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.120%	
50) Toluene-d8	8.635	98	485212	51.435	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 102.860%	
62) 4-Bromofluorobenzene	11.061	95	204571	57.139	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 114.280%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.940	59	384	1.157	ug/l #	72
16) Acetone	2.361	43	822	0.634	ug/l #	60
20) Methylene Chloride	2.794	84	929	0.339	ug/l #	89
31) Cyclohexane	5.538	56	4224	1.073	ug/l #	15
36) 1,1-Dichloropropene	5.544	75	15951	4.004	ug/l #	51
38) Carbon Tetrachloride	5.538	117	20658	4.773	ug/l #	18
76) 1,2,3-Trichloropropane	11.061	75	105980	25.311	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.061	75	105980	64.546	ug/l #	8

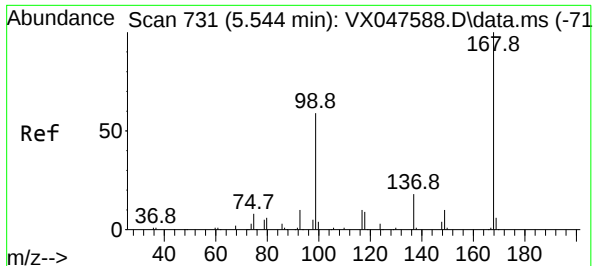
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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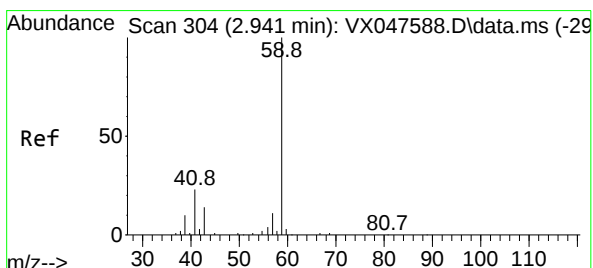
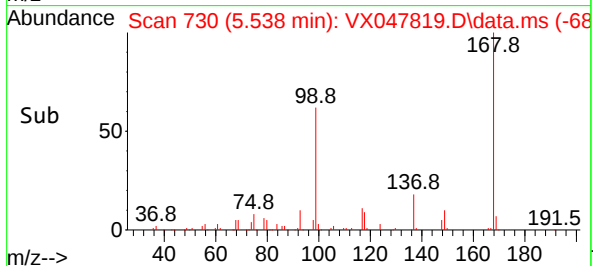
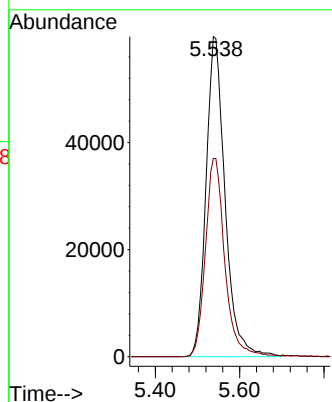
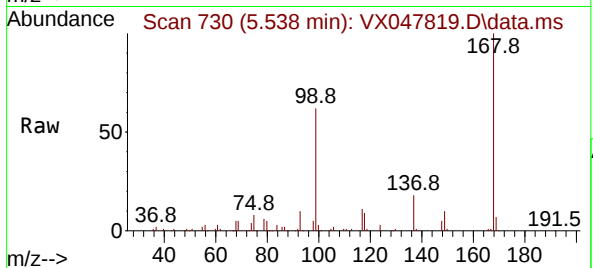




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047819.D
Acq: 25 Sep 2025 17:45

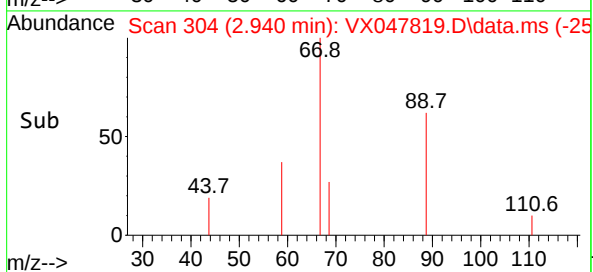
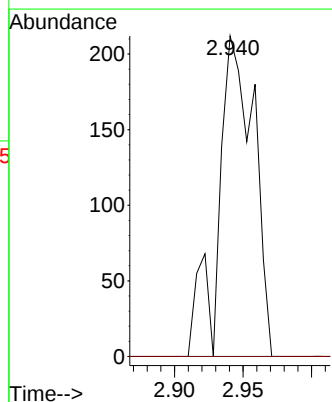
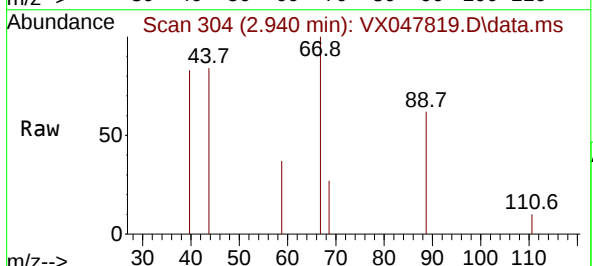
Instrument :
MSVOA_X
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BPOW1-7-20250917

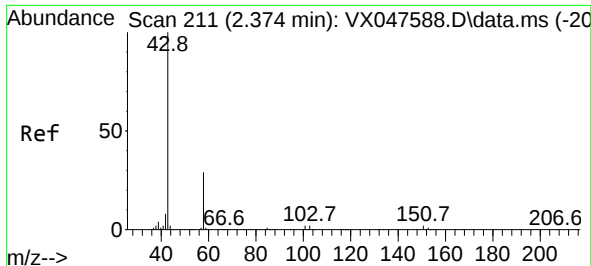
Tgt Ion:168 Resp: 187193
Ion Ratio Lower Upper
168 100
99 61.9 48.8 73.2



#11
Tert butyl alcohol
Concen: 1.157 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.000 min
Lab File: VX047819.D
Acq: 25 Sep 2025 17:45

Tgt Ion: 59 Resp: 384
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

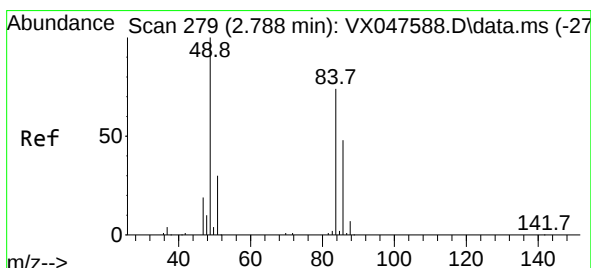
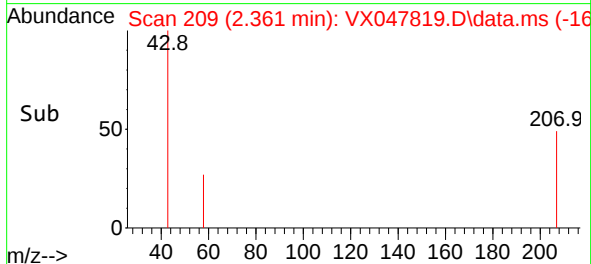
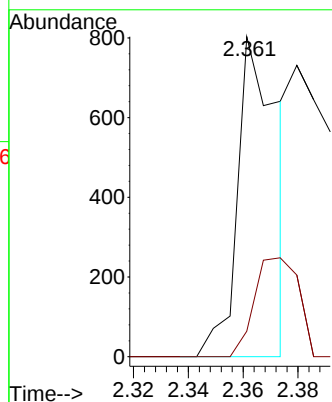
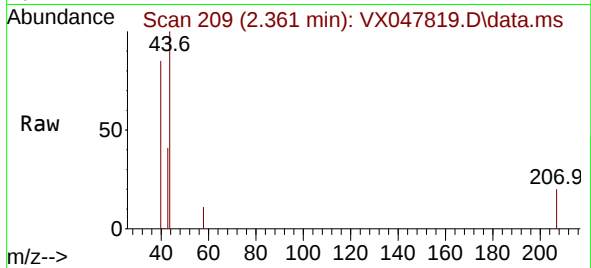




#16
Acetone
Concen: 0.634 ug/l
RT: 2.361 min Scan# 209
Delta R.T. -0.012 min
Lab File: VX047819.D
Acq: 25 Sep 2025 17:45

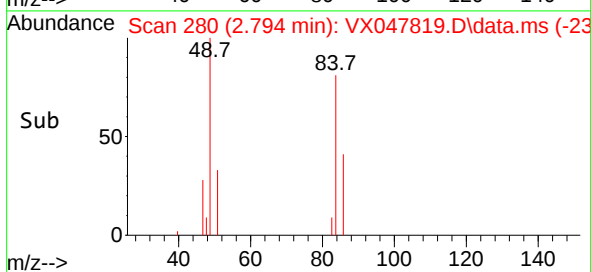
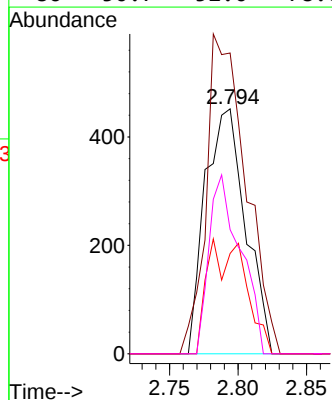
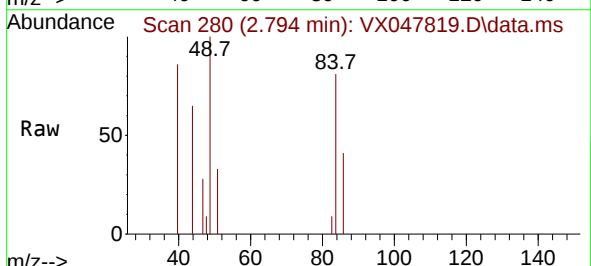
Instrument :
MSVOA_X
ClientSampleId :
BPOW1-7-20250917

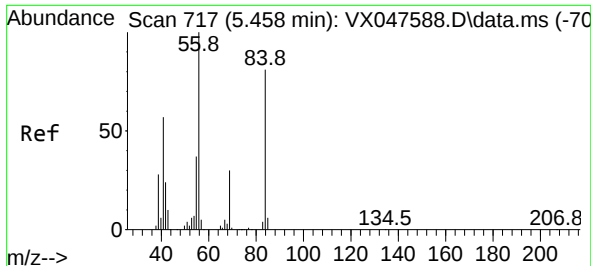
Tgt Ion: 43 Resp: 822
Ion Ratio Lower Upper
43 100
58 8.0 23.4 35.0#



#20
Methylene Chloride
Concen: 0.339 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX047819.D
Acq: 25 Sep 2025 17:45

Tgt Ion: 84 Resp: 929
Ion Ratio Lower Upper
84 100
49 122.8 108.6 162.8
51 40.9 32.6 48.8
86 50.7 52.0 78.0#

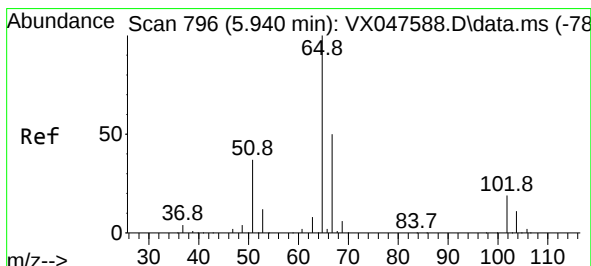
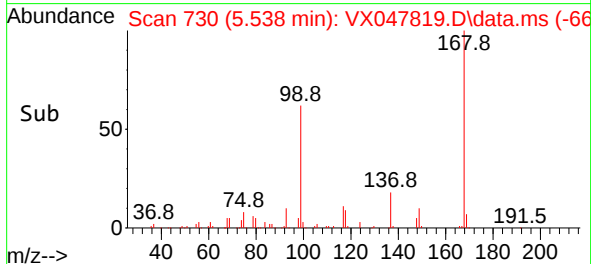
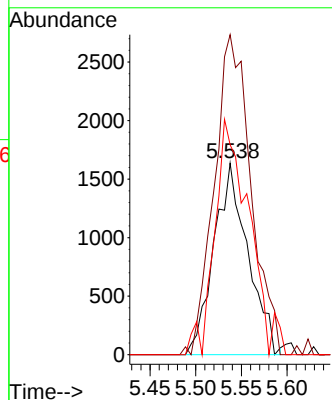
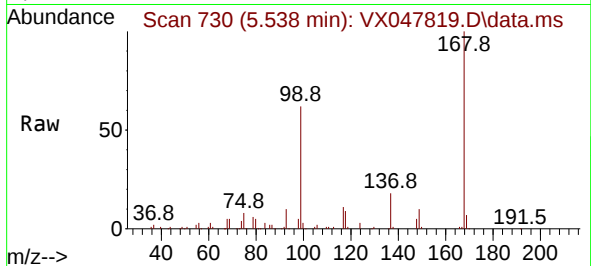




#31
Cyclohexane
Concen: 1.073 ug/l
RT: 5.538 min Scan# 717
Delta R.T. 0.079 min
Lab File: VX047819.D
Acq: 25 Sep 2025 17:45

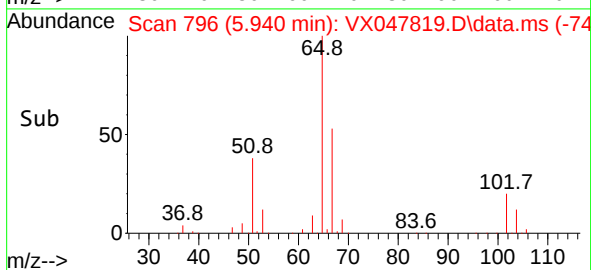
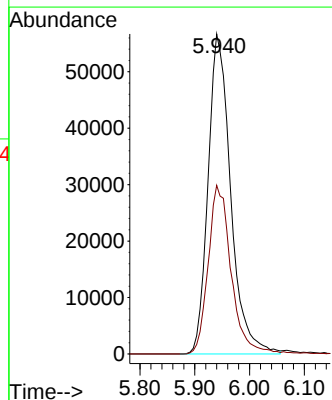
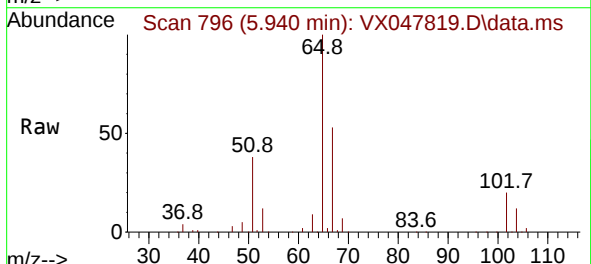
Instrument :
MSVOA_X
ClientSampleId :
BPOW1-7-20250917

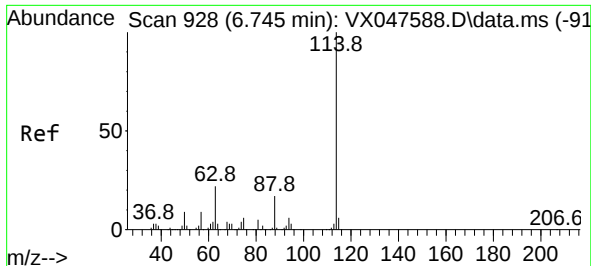
Tgt Ion: 56 Resp: 4224
Ion Ratio Lower Upper
56 100
69 160.4 23.8 35.8#
84 105.2 64.6 97.0#



#33
1,2-Dichloroethane-d4
Concen: 54.488 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX047819.D
Acq: 25 Sep 2025 17:45

Tgt Ion: 65 Resp: 162355
Ion Ratio Lower Upper
65 100
67 53.5 0.0 103.0

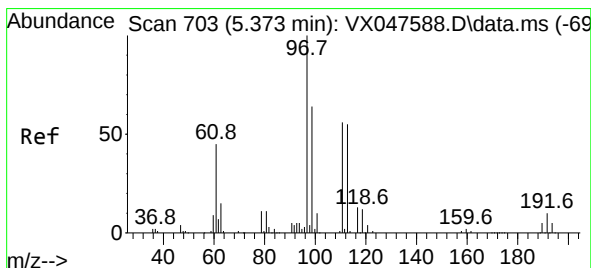
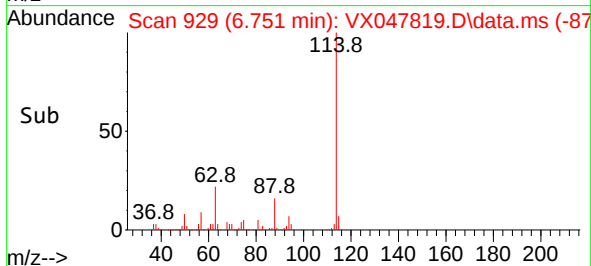
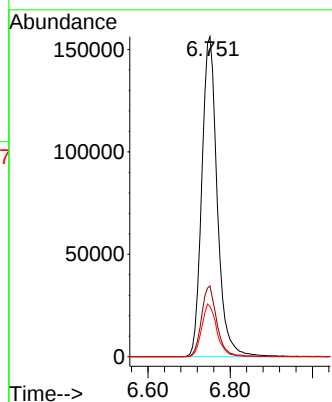
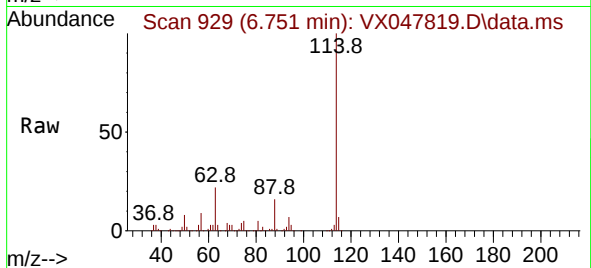




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX047819.D
Acq: 25 Sep 2025 17:45

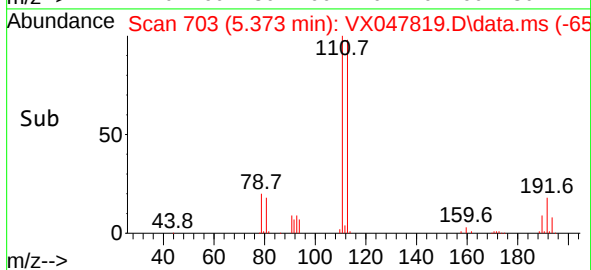
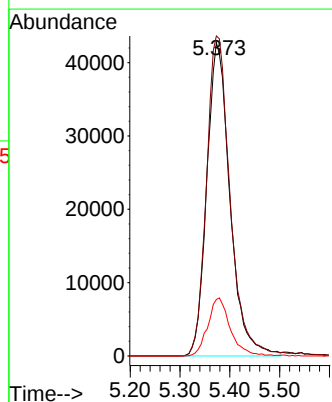
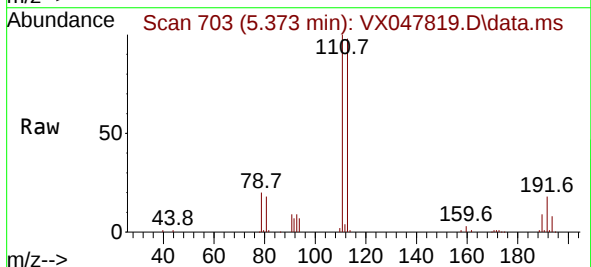
Instrument :
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ClientSampleId :
BPOW1-7-20250917

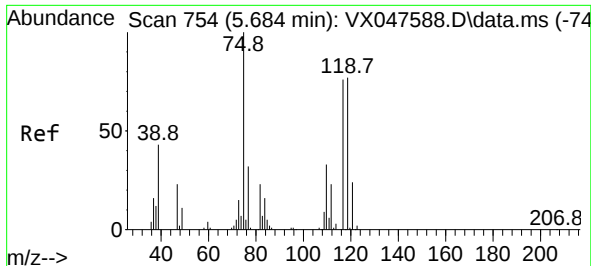
Tgt Ion:114 Resp: 406514
Ion Ratio Lower Upper
114 100
63 22.1 0.0 44.0
88 15.7 0.0 34.2



#35
Dibromofluoromethane
Concen: 50.559 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047819.D
Acq: 25 Sep 2025 17:45

Tgt Ion:113 Resp: 137838
Ion Ratio Lower Upper
113 100
111 104.2 80.9 121.3
192 18.0 14.2 21.4

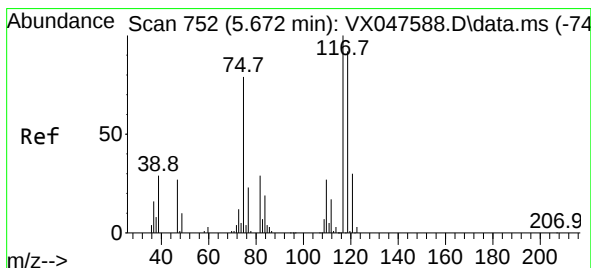
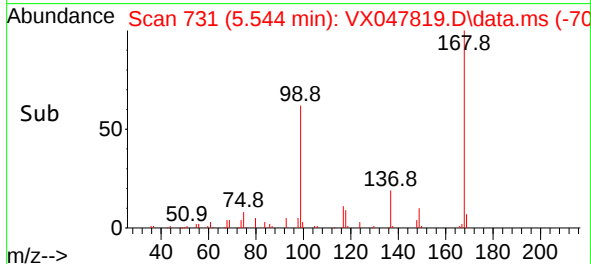
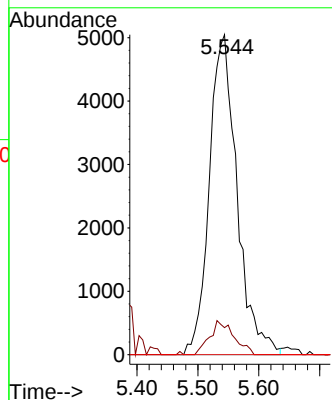
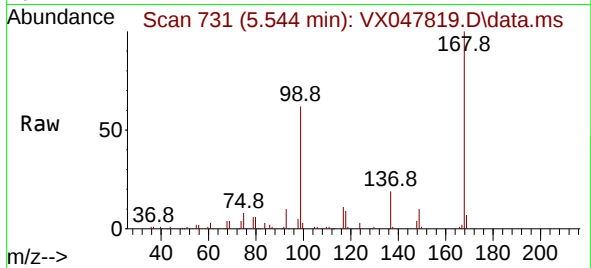




#36
1,1-Dichloropropene
Concen: 4.004 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX047819.D
Acq: 25 Sep 2025 17:45

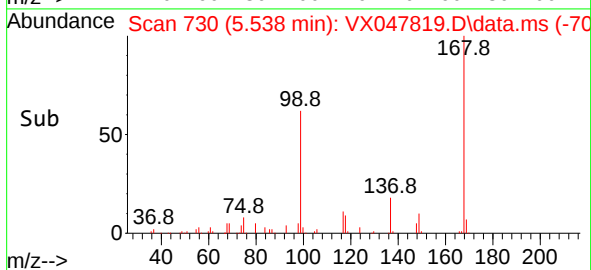
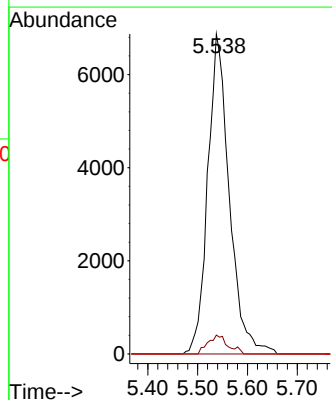
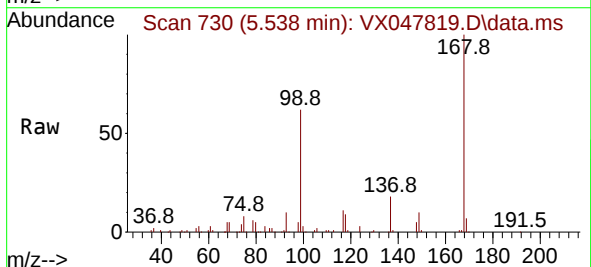
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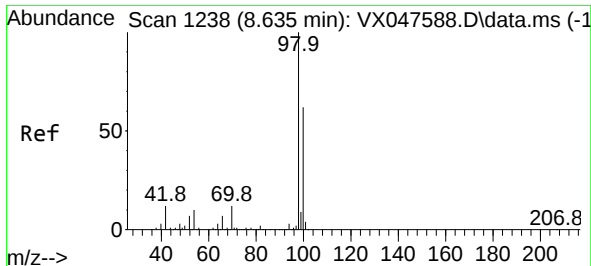
Tgt Ion: 75 Resp: 15951
Ion Ratio Lower Upper
75 100
110 9.3 16.7 50.1#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 4.773 ug/l
RT: 5.538 min Scan# 730
Delta R.T. -0.134 min
Lab File: VX047819.D
Acq: 25 Sep 2025 17:45

Tgt Ion: 117 Resp: 20658
Ion Ratio Lower Upper
117 100
119 5.9 73.4 110.2#
121 0.0 23.8 35.6#

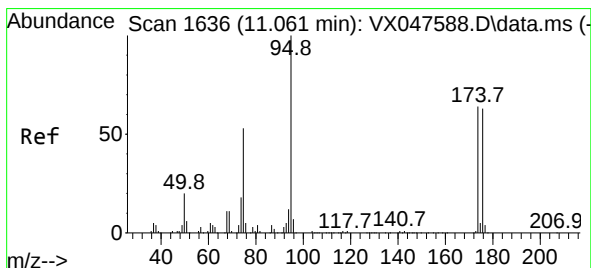
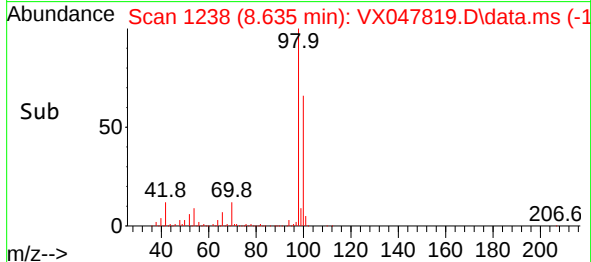
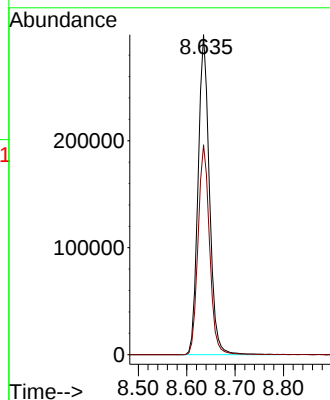
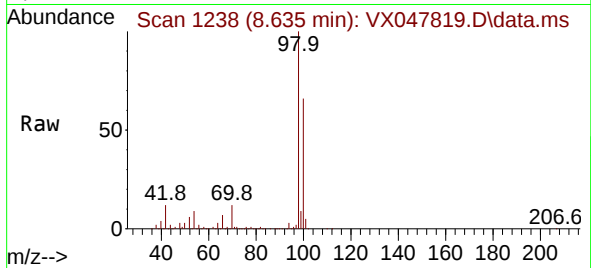




#50
Toluene-d8
Concen: 51.435 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047819.D
Acq: 25 Sep 2025 17:45

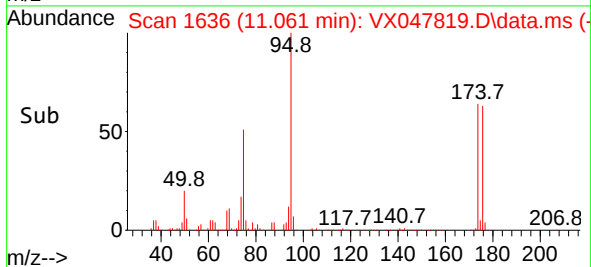
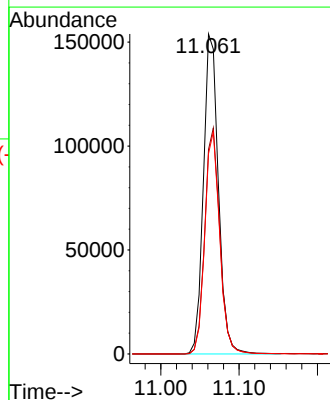
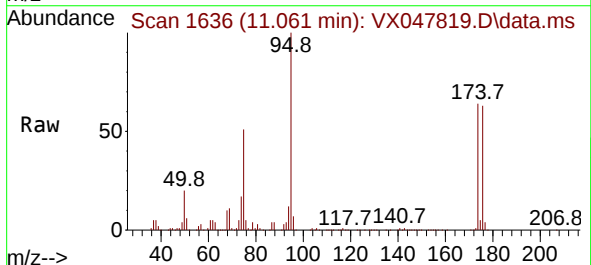
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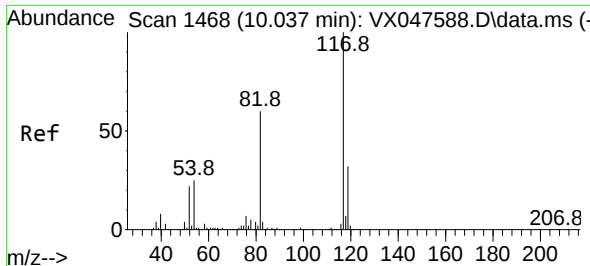
Tgt Ion: 98 Resp: 485212
Ion Ratio Lower Upper
98 100
100 66.6 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 57.139 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047819.D
Acq: 25 Sep 2025 17:45

Tgt Ion: 95 Resp: 204571
Ion Ratio Lower Upper
95 100
174 70.8 0.0 141.6
176 69.0 0.0 138.4

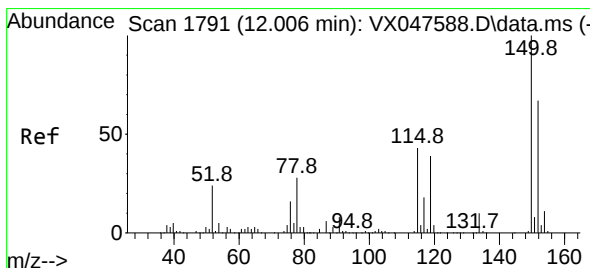
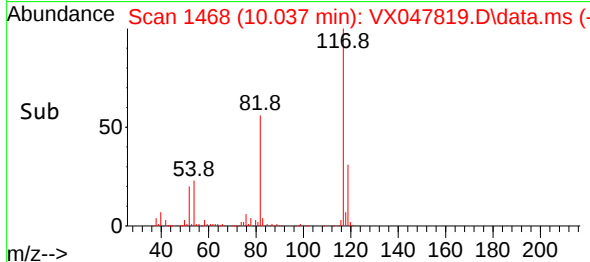
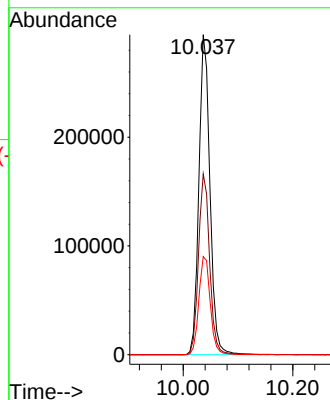
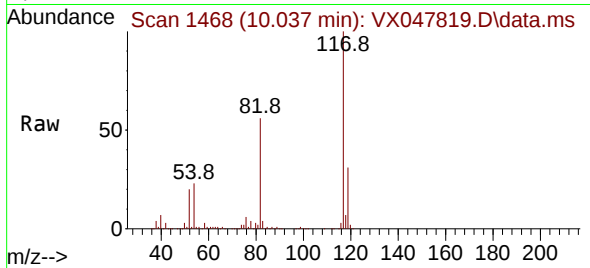




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047819.D
Acq: 25 Sep 2025 17:45

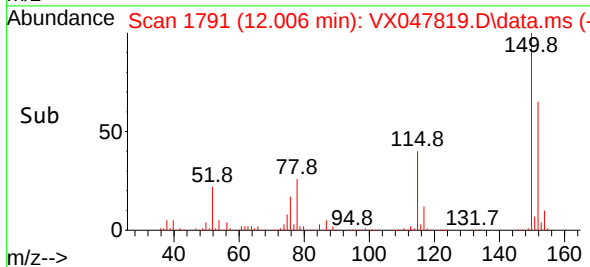
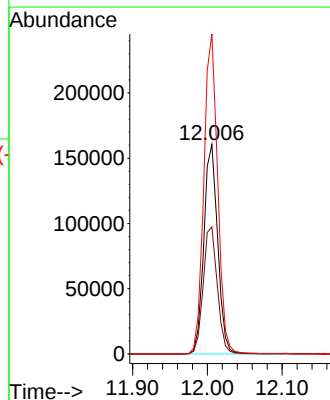
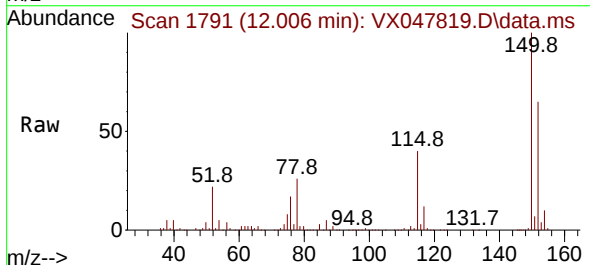
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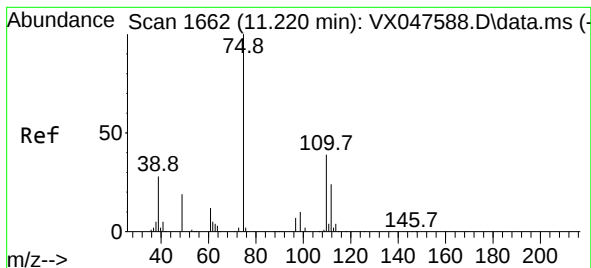
Tgt Ion:	117	Resp:	412777
Ion	Ratio	Lower	Upper
117	100		
82	56.5	47.8	71.6
119	30.6	25.2	37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX047819.D
Acq: 25 Sep 2025 17:45

Tgt Ion:	152	Resp:	206806
Ion	Ratio	Lower	Upper
152	100		
115	62.0	44.9	134.5
150	152.3	0.0	352.0





#76

1,2,3-Trichloropropane

Concen: 25.311 ug/l

RT: 11.061 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX047819.D

Acq: 25 Sep 2025 17:45

Instrument :

MSVOA_X

ClientSampleId :

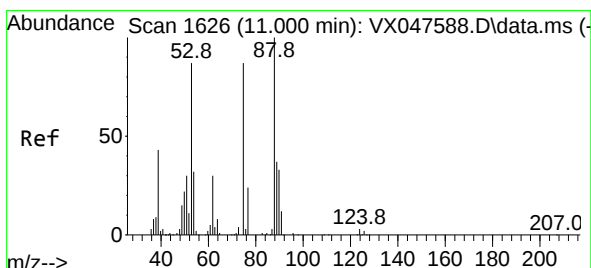
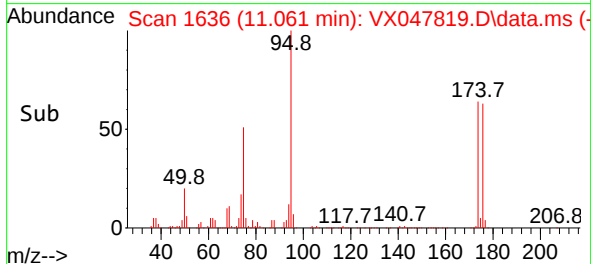
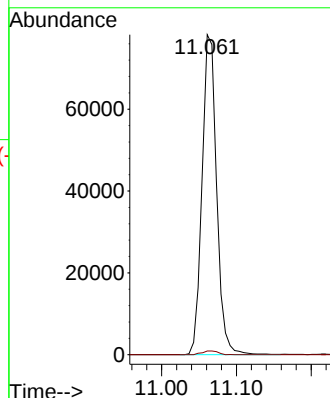
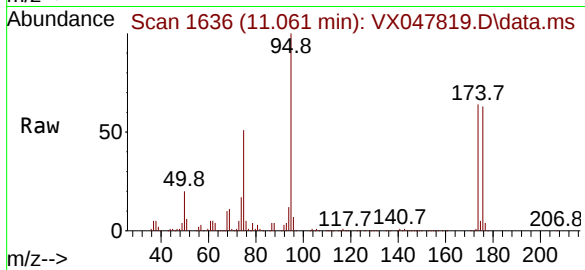
BPOW1-7-20250917

Tgt Ion: 75 Resp: 105980

Ion Ratio Lower Upper

75 100

77 1.3 18.8 56.4#



#81

trans-1,4-Dichloro-2-butene

Concen: 64.546 ug/l

RT: 11.061 min Scan# 1636

Delta R.T. 0.061 min

Lab File: VX047819.D

Acq: 25 Sep 2025 17:45

Tgt Ion: 75 Resp: 105980

Ion Ratio Lower Upper

75 100

53 0.1 83.4 125.2#

89 0.0 36.3 54.5#

