

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
 Data File : VX047812.D
 Acq On : 25 Sep 2025 15:17
 Operator : JC/MD
 Sample : Q3128-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPOW6-11-20250916

Quant Time: Sep 26 01:29:30 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)

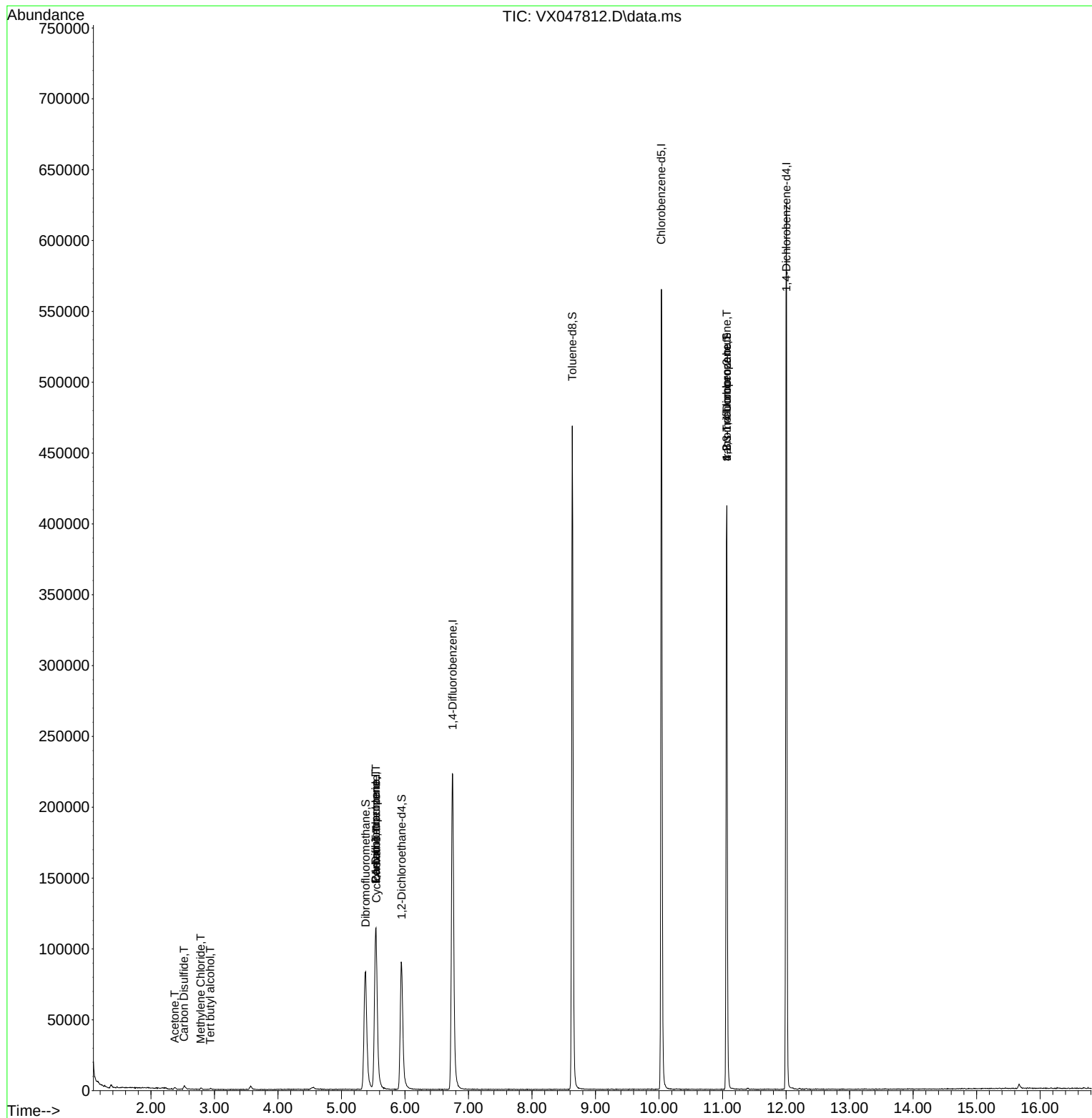
Internal Standards						
1) Pentafluorobenzene	5.544	168	116305	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	248243	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	257163	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	128330	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	98484	53.198	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	106.400%
35) Dibromofluoromethane	5.379	113	82203	49.376	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.760%
50) Toluene-d8	8.634	98	282956	49.118	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.240%
62) 4-Bromofluorobenzene	11.067	95	119034	54.445	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	108.900%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.934	59	47	0.228	ug/l #	72
16) Acetone	2.373	43	1489	1.850	ug/l	93
17) Carbon Disulfide	2.520	76	1549	0.409	ug/l	99
20) Methylene Chloride	2.782	84	382	0.224	ug/l #	68
31) Cyclohexane	5.550	56	2363	0.966	ug/l #	30
36) 1,1-Dichloropropene	5.537	75	10155	4.174	ug/l #	47
38) Carbon Tetrachloride	5.544	117	12309	4.657	ug/l #	21
76) 1,2,3-Trichloropropane	11.067	75	60856	23.422	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.067	75	60856	59.728	ug/l #	8

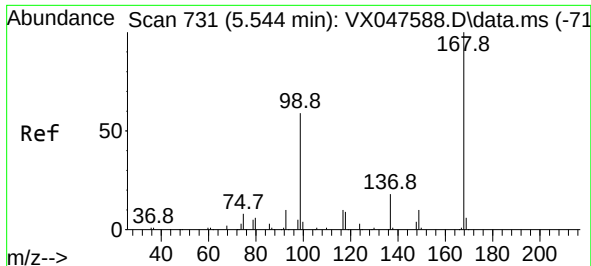
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

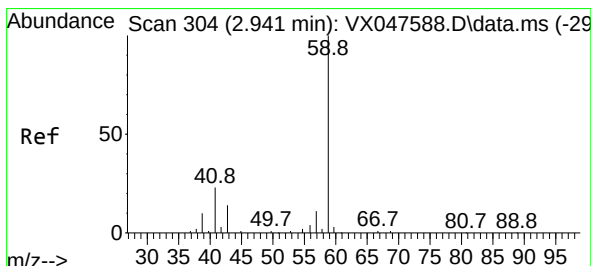
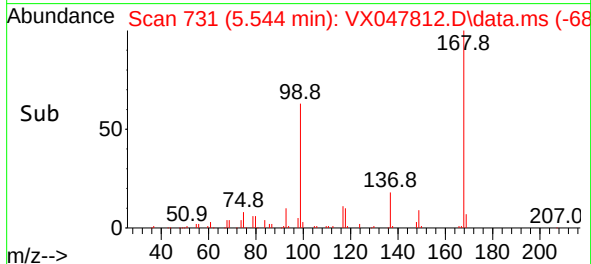
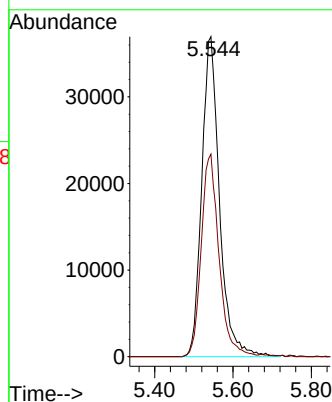
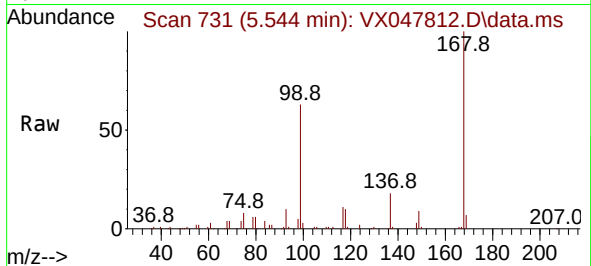




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047812.D
Acq: 25 Sep 2025 15:17

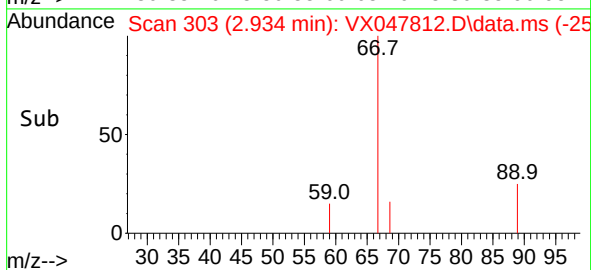
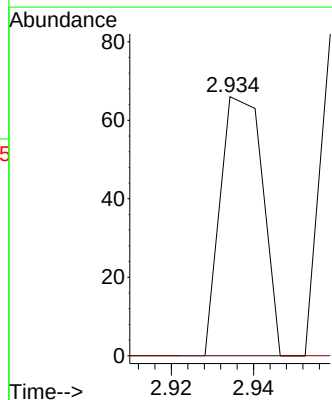
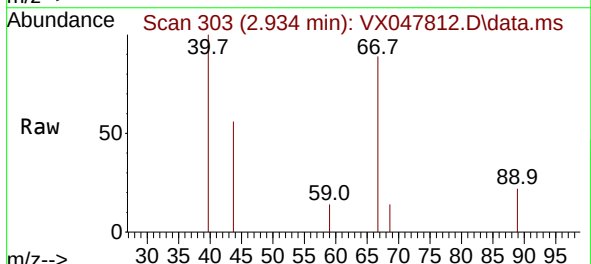
Instrument :
MSVOA_X
ClientSampleId :
BPOW6-11-20250916

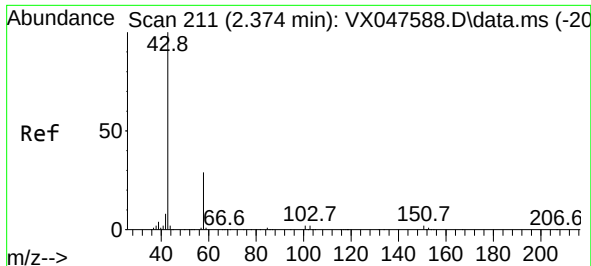
Tgt Ion:168 Resp: 116305
Ion Ratio Lower Upper
168 100
99 63.3 48.8 73.2



#11
Tert butyl alcohol
Concen: 0.228 ug/l
RT: 2.934 min Scan# 303
Delta R.T. -0.006 min
Lab File: VX047812.D
Acq: 25 Sep 2025 15:17

Tgt Ion: 59 Resp: 47
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

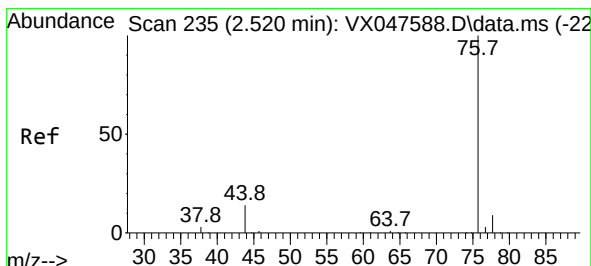
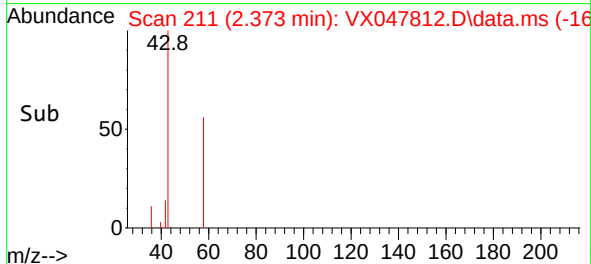
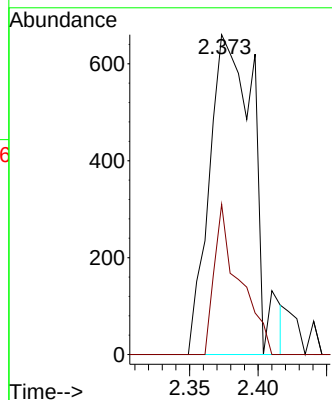
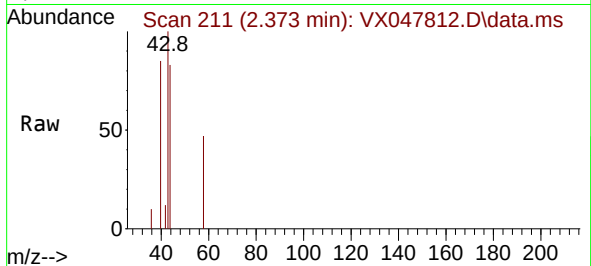




#16
Acetone
Concen: 1.850 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047812.D
Acq: 25 Sep 2025 15:17

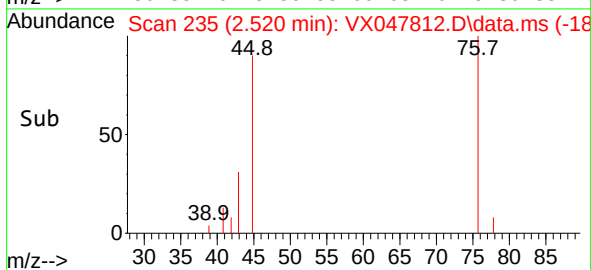
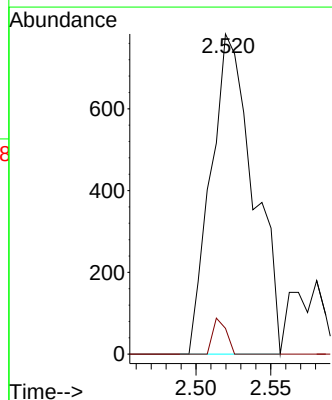
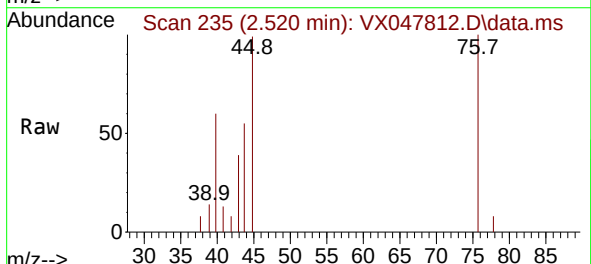
Instrument :
MSVOA_X
ClientSampleId :
BPOW6-11-20250916

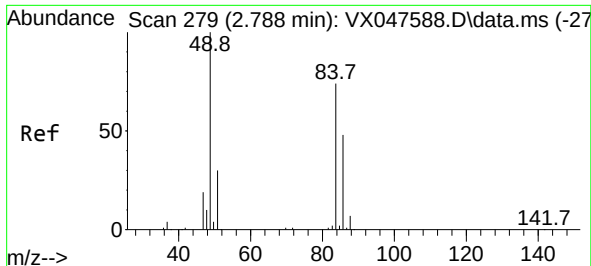
Tgt Ion: 43 Resp: 1489
Ion Ratio Lower Upper
43 100
58 25.7 23.4 35.0



#17
Carbon Disulfide
Concen: 0.409 ug/l
RT: 2.520 min Scan# 235
Delta R.T. -0.000 min
Lab File: VX047812.D
Acq: 25 Sep 2025 15:17

Tgt Ion: 76 Resp: 1549
Ion Ratio Lower Upper
76 100
78 8.0 6.8 10.2

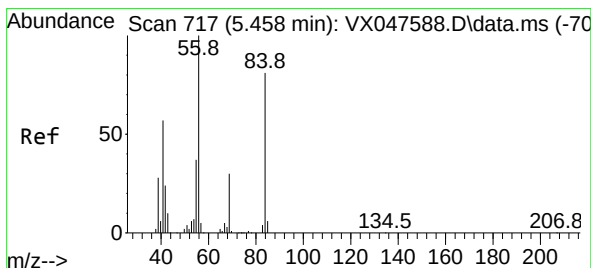
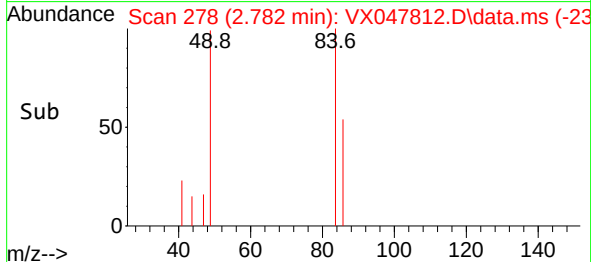
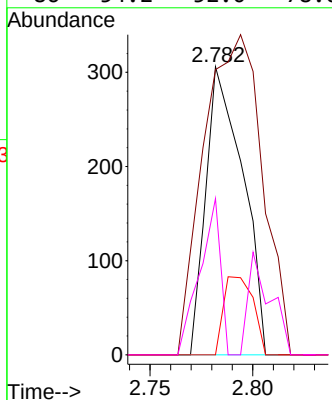
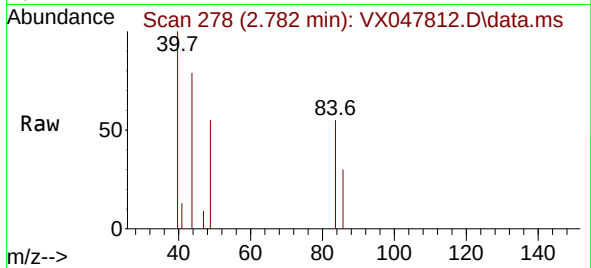




#20
Methylene Chloride
Concen: 0.224 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX047812.D
Acq: 25 Sep 2025 15:17

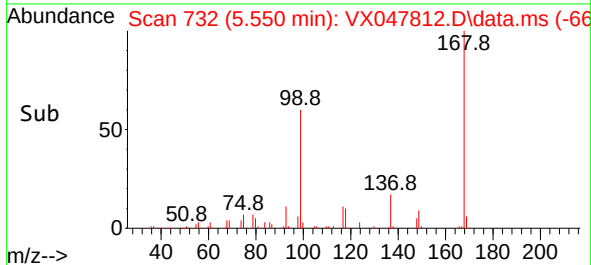
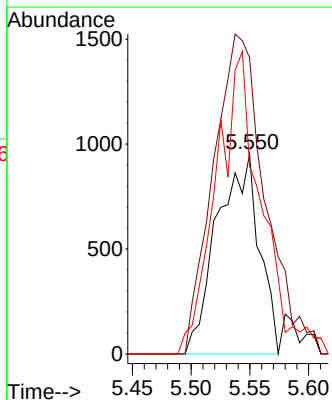
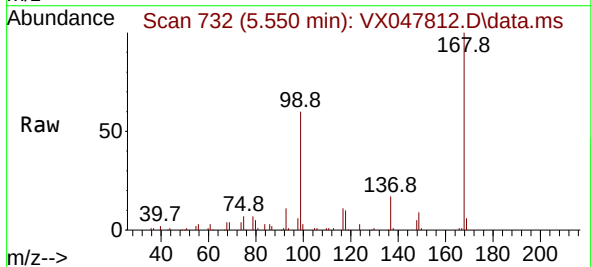
Instrument :
MSVOA_X
ClientSampleId :
BPOW6-11-20250916

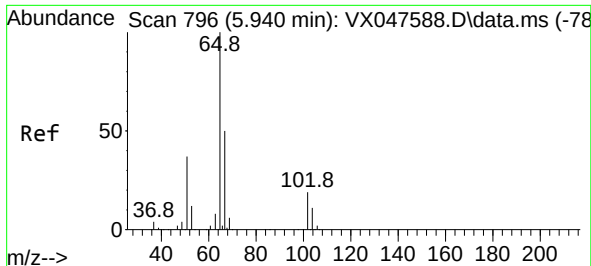
Tgt Ion:	84	Resp:	382
Ion	Ratio	Lower	Upper
84	100		
49	99.0	108.6	162.8#
51	0.0	32.6	48.8#
86	54.2	52.0	78.0



#31
Cyclohexane
Concen: 0.966 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.091 min
Lab File: VX047812.D
Acq: 25 Sep 2025 15:17

Tgt Ion:	56	Resp:	2363
Ion	Ratio	Lower	Upper
56	100		
69	148.2	23.8	35.8#
84	93.9	64.6	97.0





#33

1,2-Dichloroethane-d4

Concen: 53.198 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX047812.D

Acq: 25 Sep 2025 15:17

Instrument :

MSVOA_X

ClientSampleId :

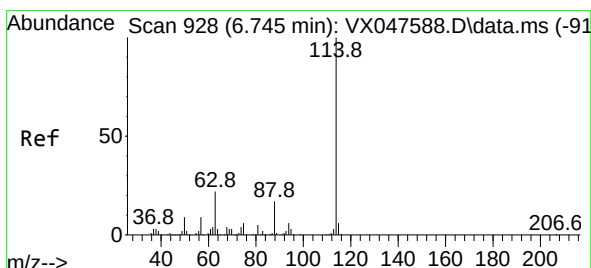
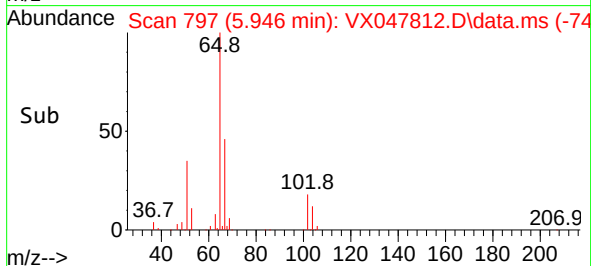
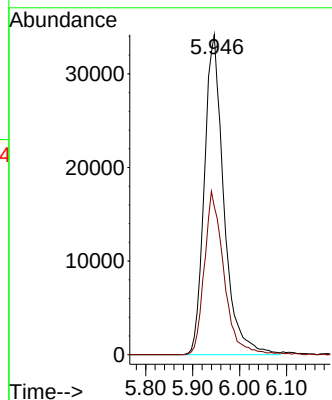
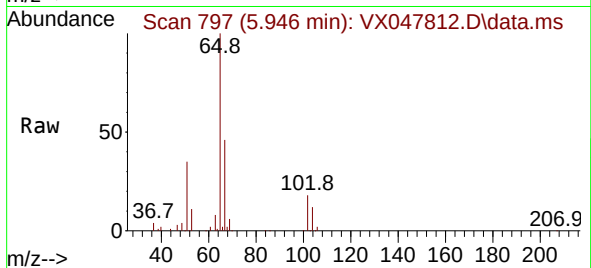
BPOW6-11-20250916

Tgt Ion: 65 Resp: 98484

Ion Ratio Lower Upper

65 100

67 51.3 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: VX047812.D

Acq: 25 Sep 2025 15:17

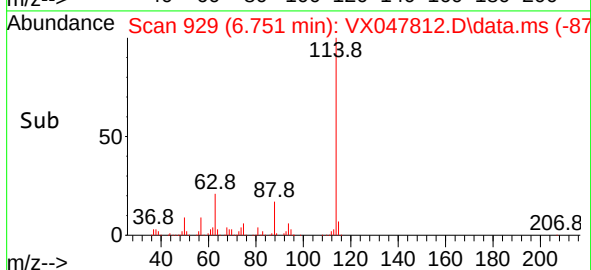
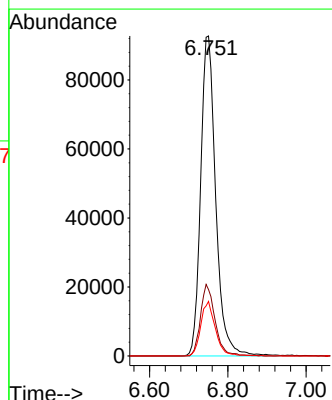
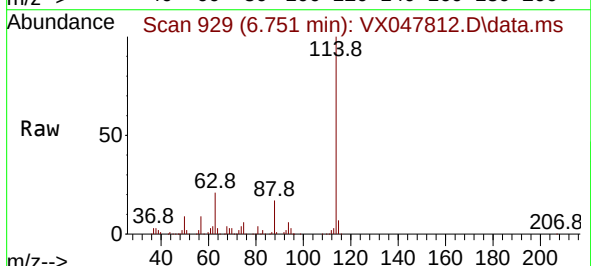
Tgt Ion: 114 Resp: 248243

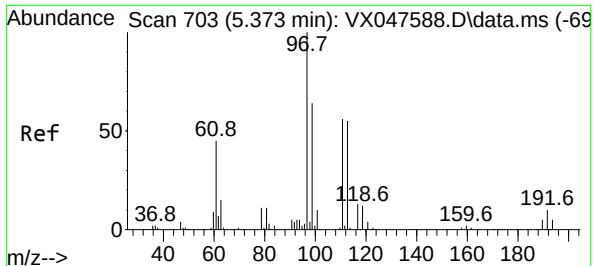
Ion Ratio Lower Upper

114 100

63 20.8 0.0 44.0

88 17.0 0.0 34.2





#35

Dibromofluoromethane

Concen: 49.376 ug/l

RT: 5.379 min Scan# 703

Delta R.T. 0.006 min

Lab File: VX047812.D

Acq: 25 Sep 2025 15:17

Instrument :

MSVOA_X

ClientSampleId :

BPOW6-11-20250916

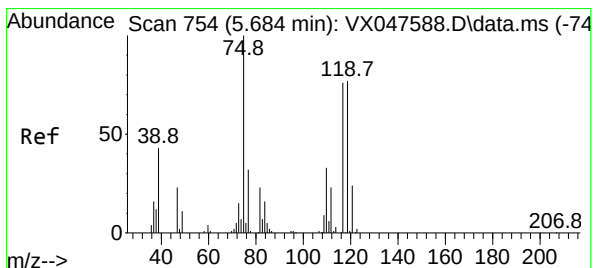
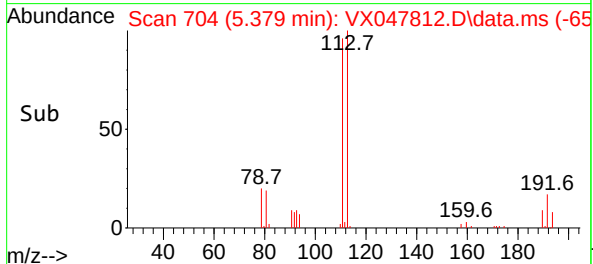
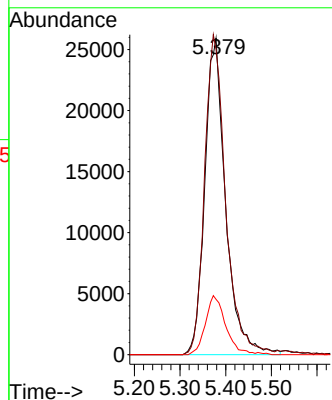
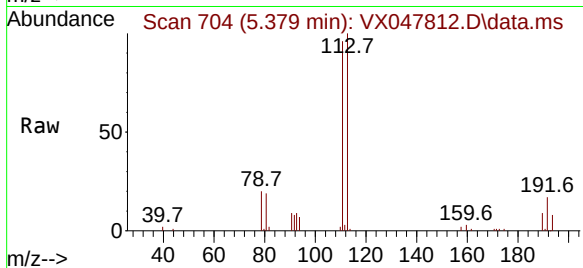
Tgt Ion:113 Resp: 82203

Ion Ratio Lower Upper

113 100

111 102.2 80.9 121.3

192 18.1 14.2 21.4



#36

1,1-Dichloropropene

Concen: 4.174 ug/l

RT: 5.537 min Scan# 730

Delta R.T. -0.147 min

Lab File: VX047812.D

Acq: 25 Sep 2025 15:17

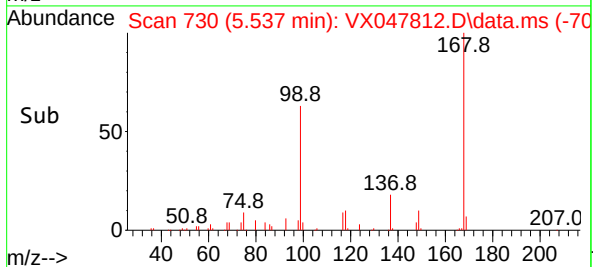
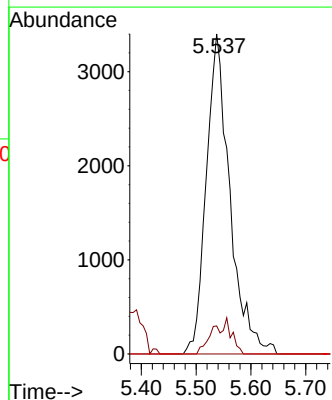
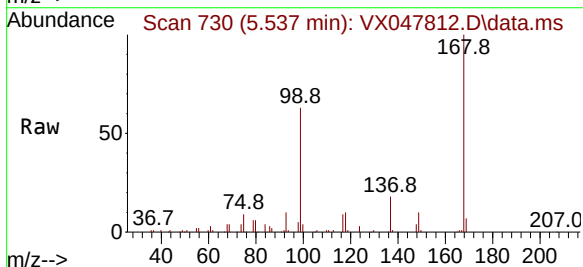
Tgt Ion: 75 Resp: 10155

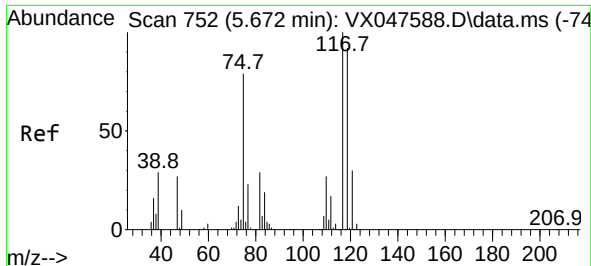
Ion Ratio Lower Upper

75 100

110 4.6 16.7 50.1#

77 0.0 24.3 36.5#

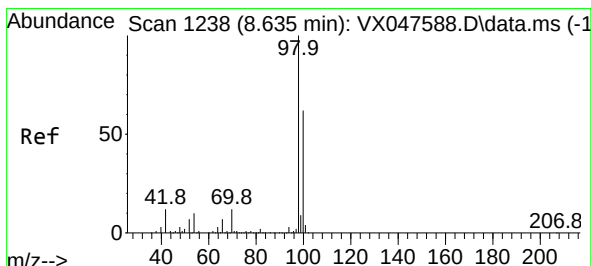
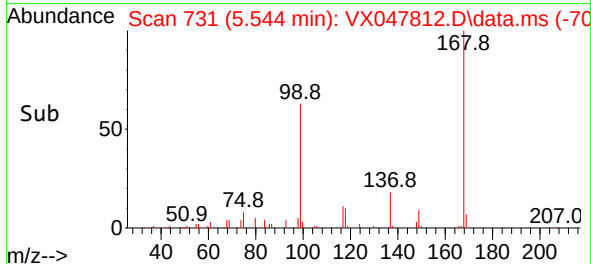
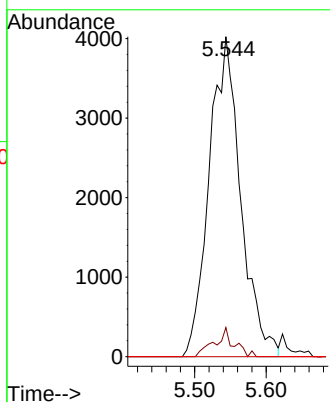
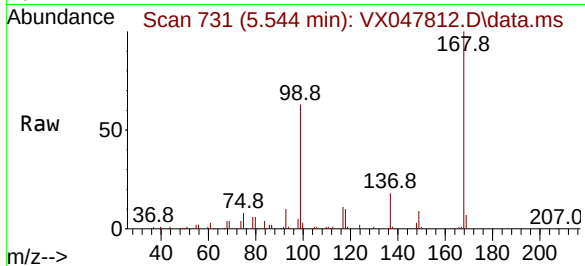




#38
Carbon Tetrachloride
Concen: 4.657 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX047812.D
Acq: 25 Sep 2025 15:17

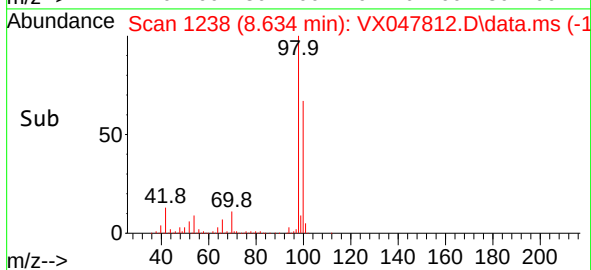
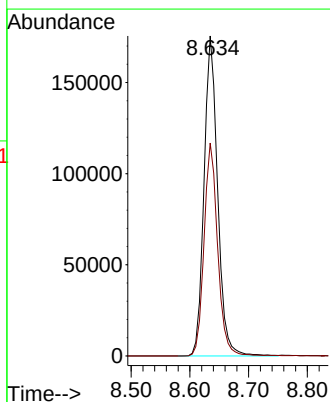
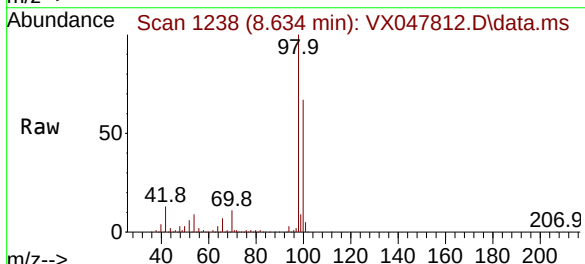
Instrument :
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BPOW6-11-20250916

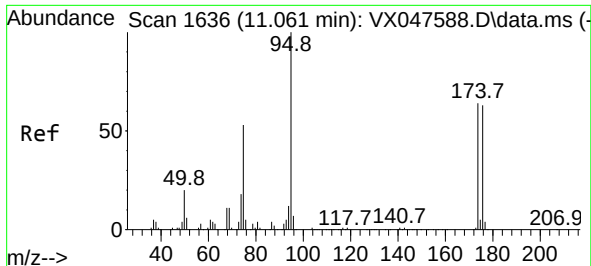
Tgt Ion:117 Resp: 12309
Ion Ratio Lower Upper
117 100
119 9.1 73.4 110.2#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 49.118 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047812.D
Acq: 25 Sep 2025 15:17

Tgt Ion: 98 Resp: 282956
Ion Ratio Lower Upper
98 100
100 66.7 53.0 79.4

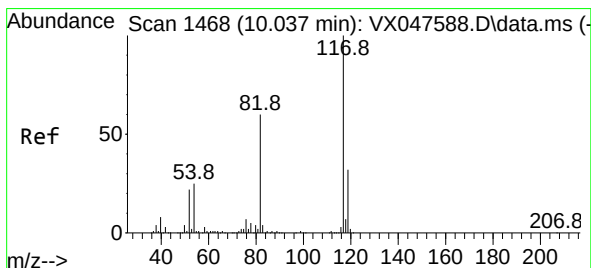
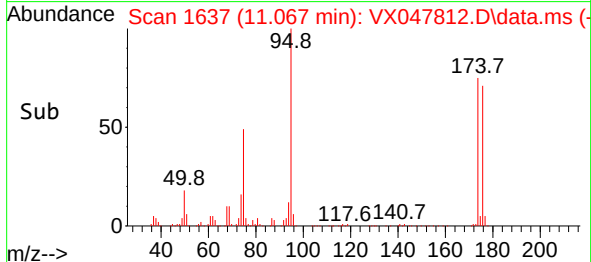
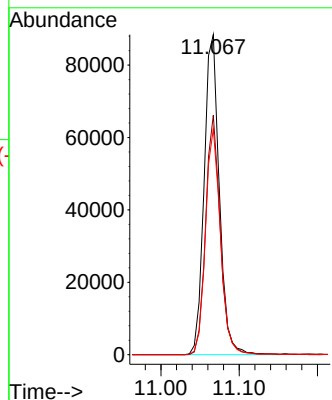
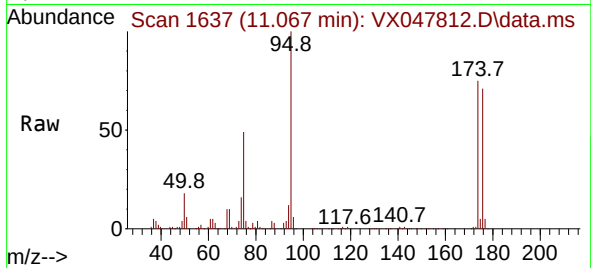




#62
4-Bromofluorobenzene
Concen: 54.445 ug/l
RT: 11.067 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047812.D
Acq: 25 Sep 2025 15:17

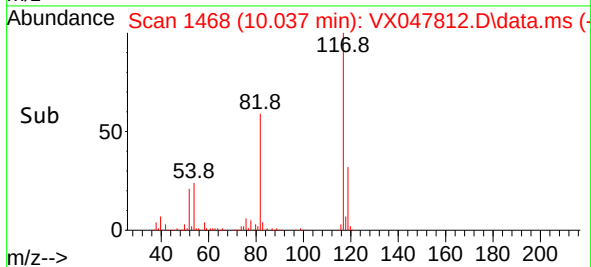
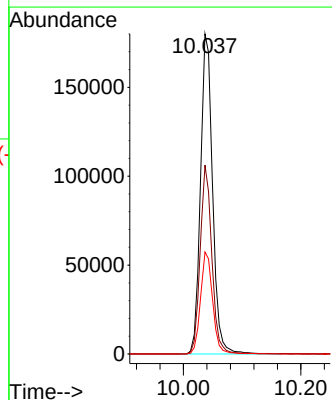
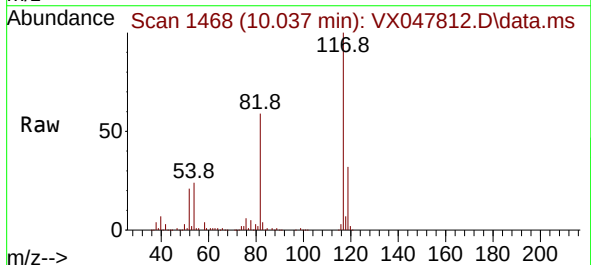
Instrument :
MSVOA_X
ClientSampleId :
BPOW6-11-20250916

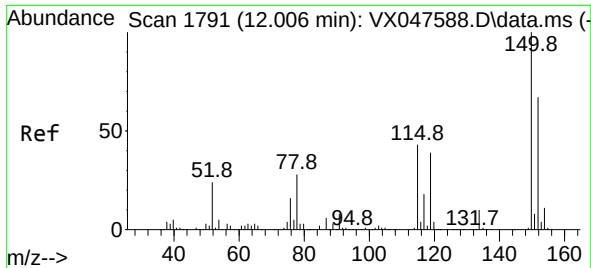
Tgt Ion: 95 Resp: 119034
Ion Ratio Lower Upper
95 100
174 72.1 0.0 141.6
176 69.3 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047812.D
Acq: 25 Sep 2025 15:17

Tgt Ion: 117 Resp: 257163
Ion Ratio Lower Upper
117 100
82 59.0 47.8 71.6
119 31.9 25.2 37.8

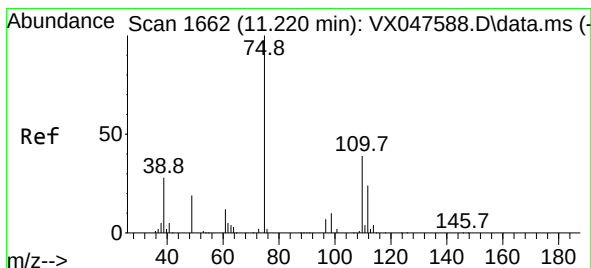
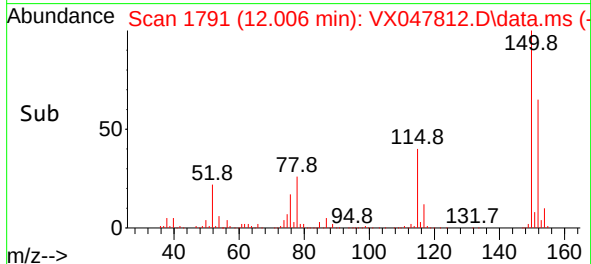
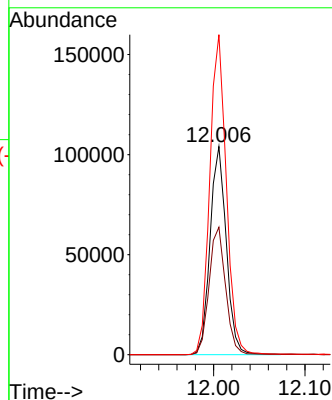
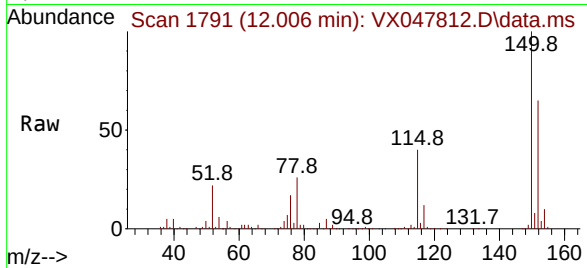




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX047812.D
 Acq: 25 Sep 2025 15:17

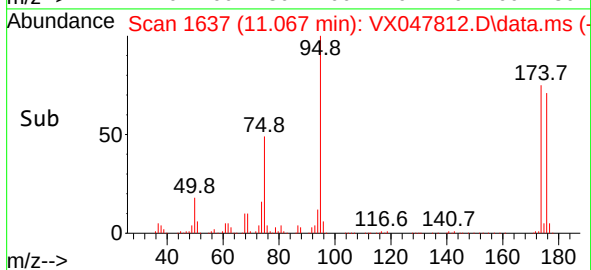
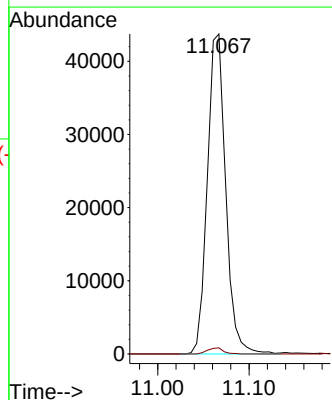
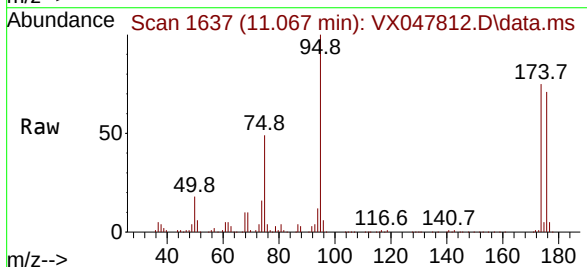
Instrument :
 MSVOA_X
 ClientSampleId :
 BPOW6-11-20250916

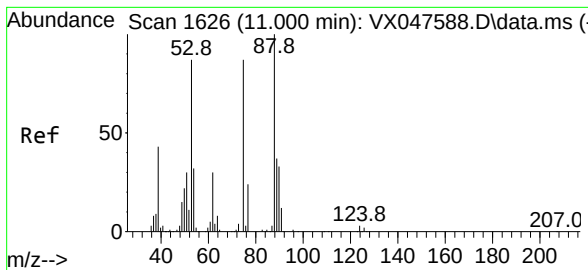
Tgt Ion:152 Resp: 128330
 Ion Ratio Lower Upper
 152 100
 115 62.6 44.9 134.5
 150 157.3 0.0 352.0



#76
 1,2,3-Trichloropropane
 Concen: 23.422 ug/l
 RT: 11.067 min Scan# 1637
 Delta R.T. -0.153 min
 Lab File: VX047812.D
 Acq: 25 Sep 2025 15:17

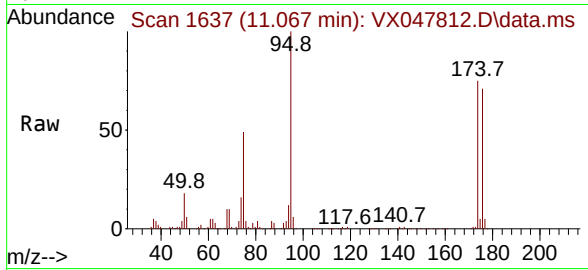
Tgt Ion: 75 Resp: 60856
 Ion Ratio Lower Upper
 75 100
 77 1.7 18.8 56.4#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 59.728 ug/l
 RT: 11.067 min Scan# 1
 Delta R.T. 0.067 min
 Lab File: VX047812.D
 Acq: 25 Sep 2025 15:17

Instrument :
 MSVOA_X
 ClientSampleId :
 BPOW6-11-20250916



Tgt Ion: 75 Resp: 60856
 Ion Ratio Lower Upper
 75 100
 53 0.0 83.4 125.2#
 89 0.0 36.3 54.5#

