

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112425\
 Data File : VX048666.D
 Acq On : 24 Nov 2025 16:09
 Operator : JC/MD
 Sample : Q3710-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COMPRESSOR-EXCAVATION

Quant Time: Nov 26 00:27:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 08 05:08:11 2025
 Response via : Initial Calibration

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

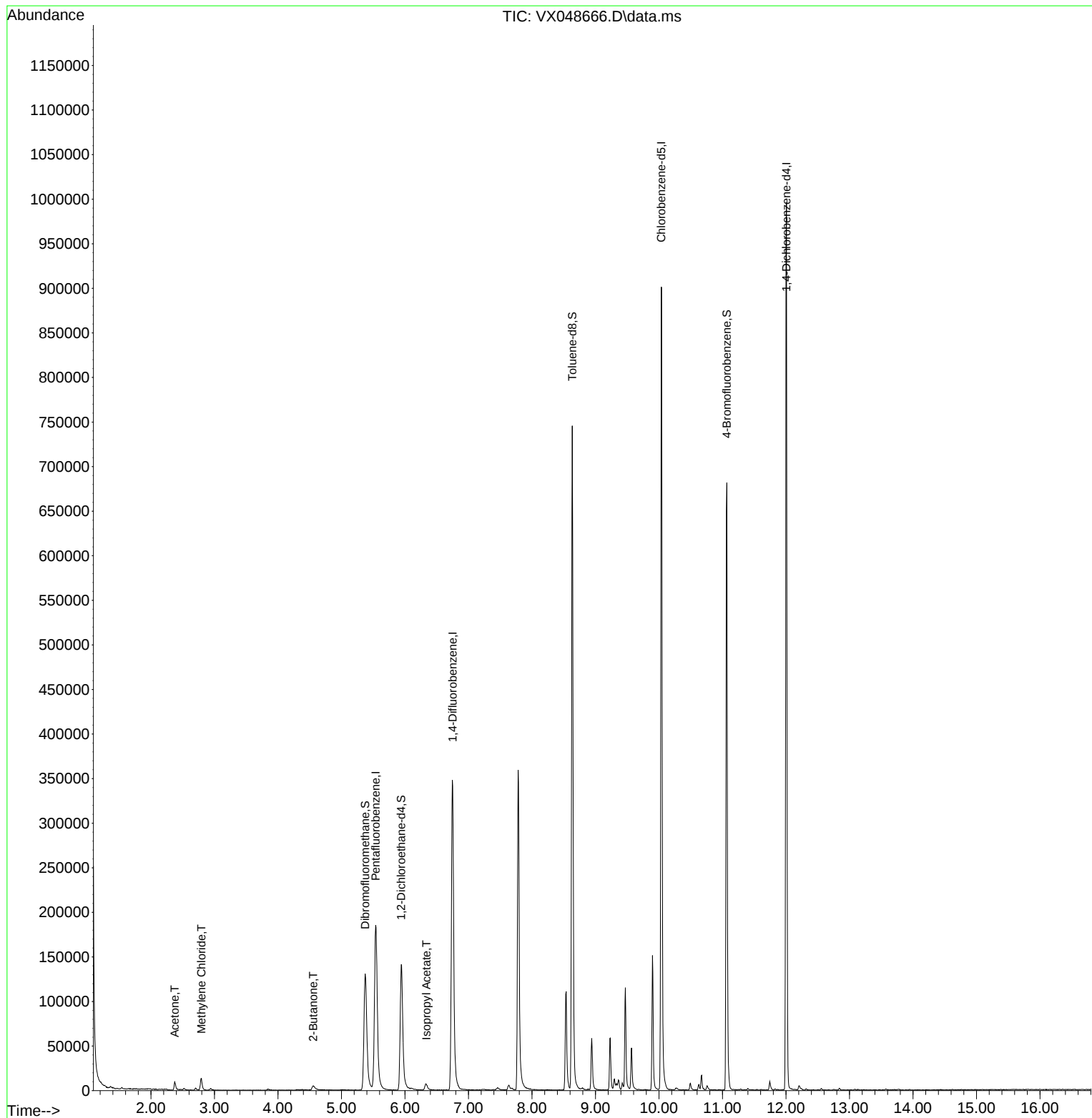
Internal Standards						
1) Pentafluorobenzene	5.538	168	193235	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	385610	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	412630	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	215359	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	155205	57.642	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	115.280%
35) Dibromofluoromethane	5.373	113	129613	44.410	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.820%
50) Toluene-d8	8.635	98	465698	51.162	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.320%
62) 4-Bromofluorobenzene	11.067	95	192169	56.651	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	113.300%
Target Compounds						
					Qvalue	
16) Acetone	2.374	43	11574	9.081	ug/l	99
20) Methylene Chloride	2.794	84	7233	2.760	ug/l	97
25) 2-Butanone	4.556	43	11321	6.004	ug/l	98
43) Isopropyl Acetate	6.336	43	11304	1.462	ug/l	95

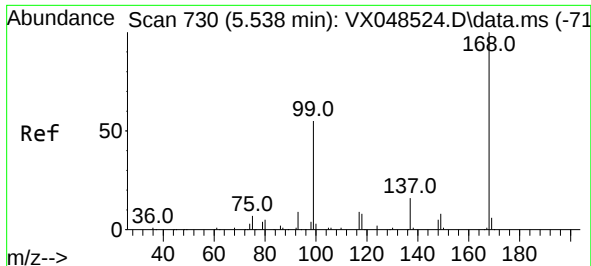
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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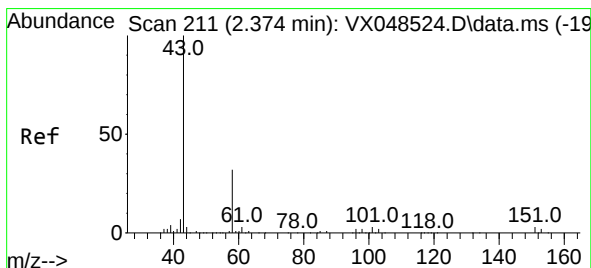
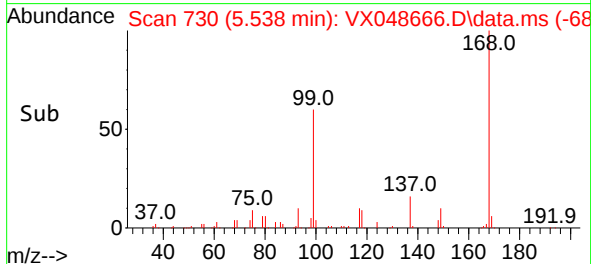
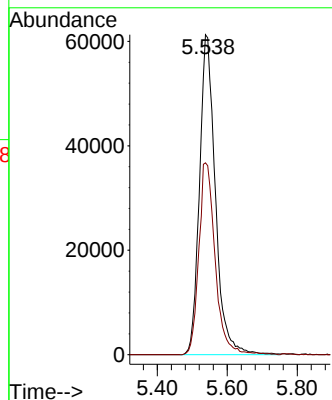
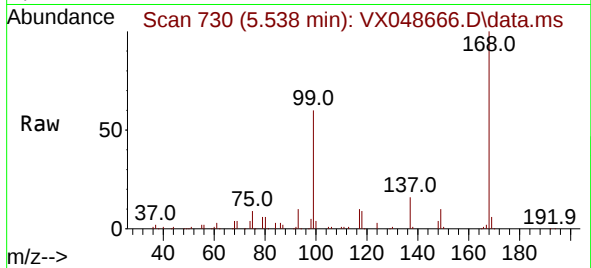




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048666.D
Acq: 24 Nov 2025 16:09

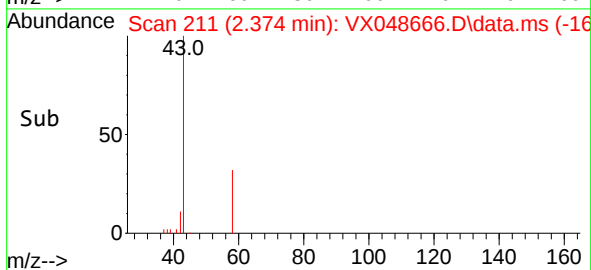
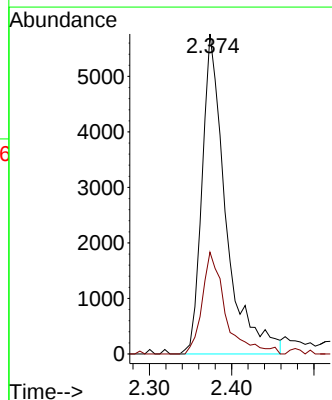
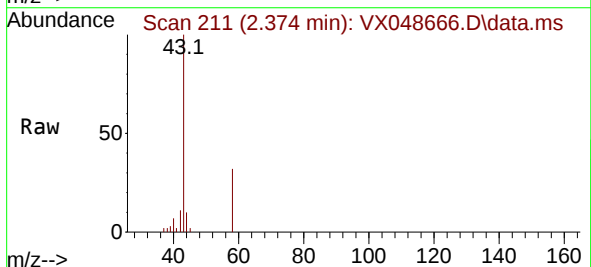
Instrument :
MSVOA_X
ClientSampleId :
COMPRESSOR-EXCAVATION

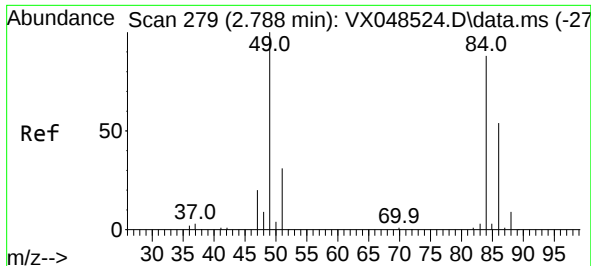
Tgt Ion:168 Resp: 193235
Ion Ratio Lower Upper
168 100
99 60.0 45.2 67.8



#16
Acetone
Concen: 9.081 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX048666.D
Acq: 24 Nov 2025 16:09

Tgt Ion: 43 Resp: 11574
Ion Ratio Lower Upper
43 100
58 31.8 25.8 38.6

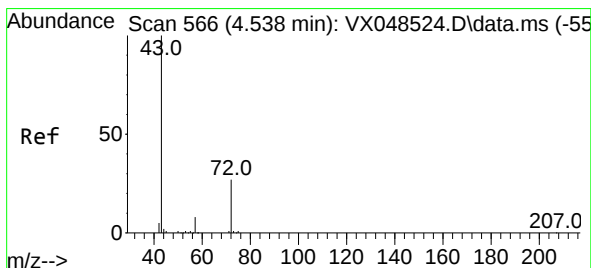
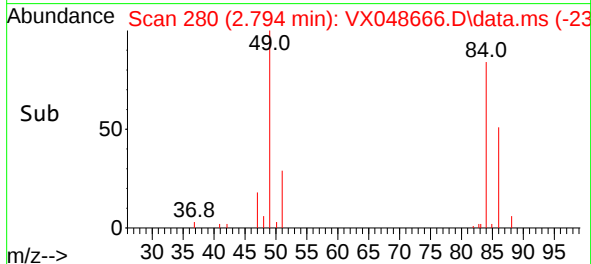
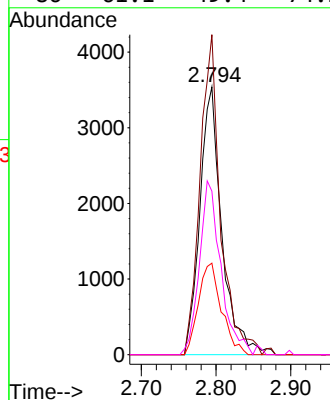
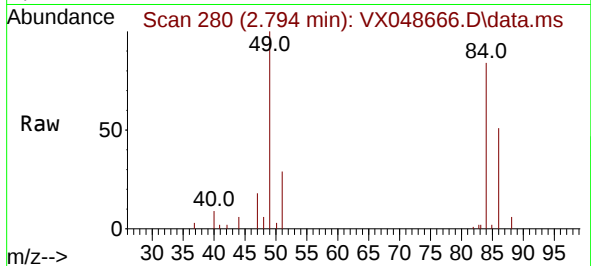




#20
Methylene Chloride
Concen: 2.760 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX048666.D
Acq: 24 Nov 2025 16:09

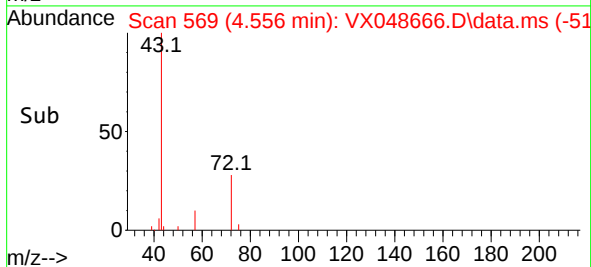
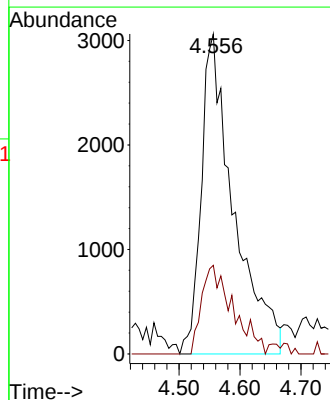
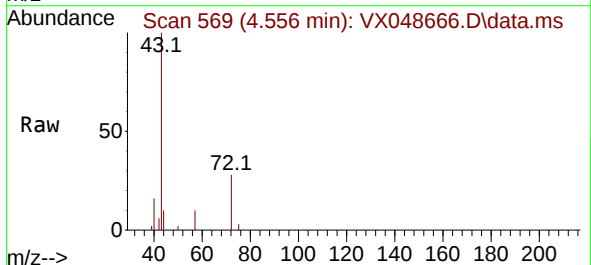
Instrument :
MSVOA_X
ClientSampleId :
COMPRESSOR-EXCAVATION

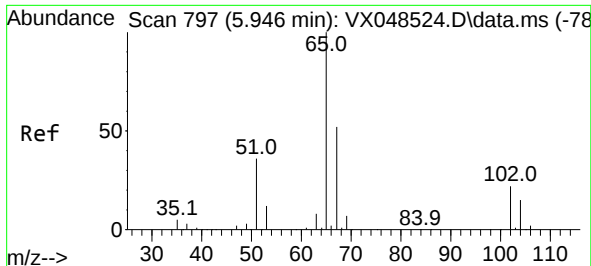
Tgt Ion: 84	Resp: 7233
Ion Ratio	Lower Upper
84 100	
49 119.6	91.2 136.8
51 34.2	28.3 42.5
86 61.1	49.4 74.2



#25
2-Butanone
Concen: 6.004 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.018 min
Lab File: VX048666.D
Acq: 24 Nov 2025 16:09

Tgt Ion: 43	Resp: 11321
Ion Ratio	Lower Upper
43 100	
72 27.7	21.5 32.3





#33

1,2-Dichloroethane-d4

Concen: 57.642 ug/l

RT: 5.940 min Scan# 797

Delta R.T. -0.006 min

Lab File: VX048666.D

Acq: 24 Nov 2025 16:09

Instrument :

MSVOA_X

ClientSampleId :

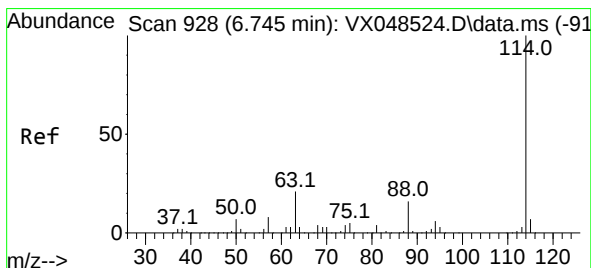
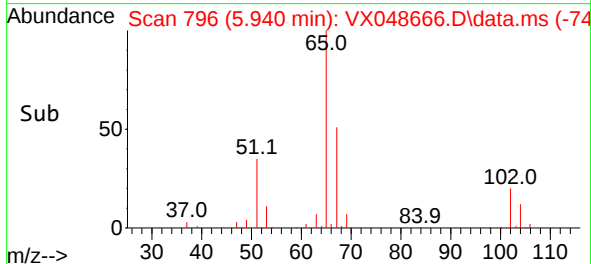
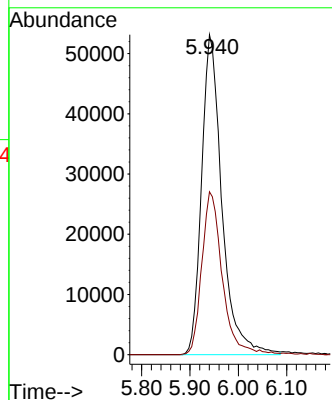
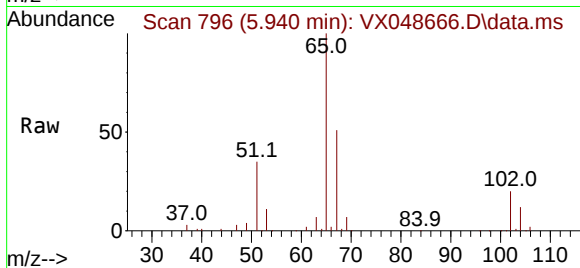
COMPRESSOR-EXCAVATION

Tgt Ion: 65 Resp: 155205

Ion Ratio Lower Upper

65 100

67 51.3 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. 0.006 min

Lab File: VX048666.D

Acq: 24 Nov 2025 16:09

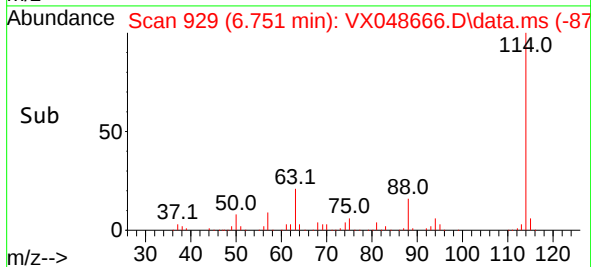
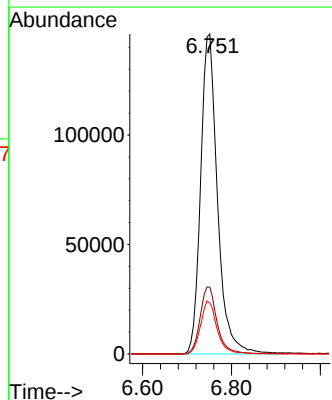
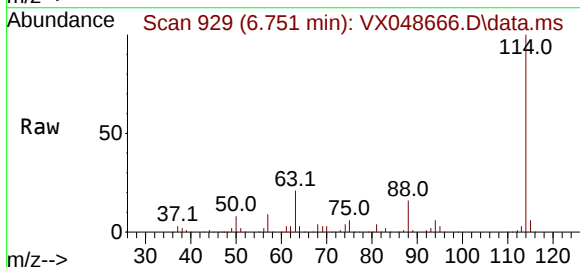
Tgt Ion: 114 Resp: 385610

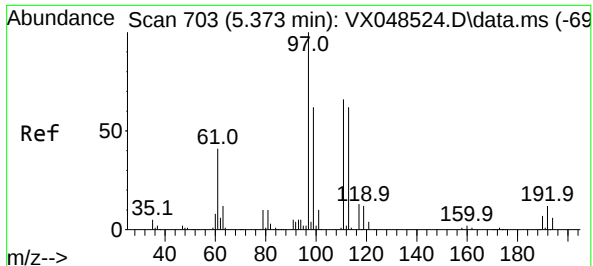
Ion Ratio Lower Upper

114 100

63 20.9 0.0 41.2

88 15.9 0.0 32.2





#35

Dibromofluoromethane

Concen: 44.410 ug/l

RT: 5.373 min Scan# 703

Delta R.T. 0.000 min

Lab File: VX048666.D

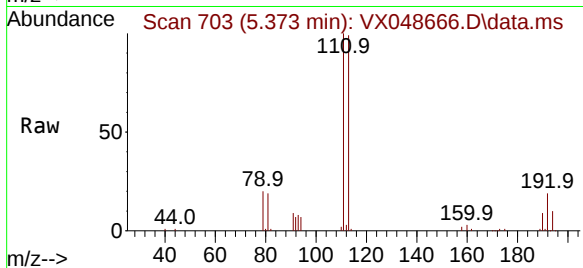
Acq: 24 Nov 2025 16:09

Instrument :

MSVOA_X

ClientSampleId :

COMPRESSOR-EXCAVATION



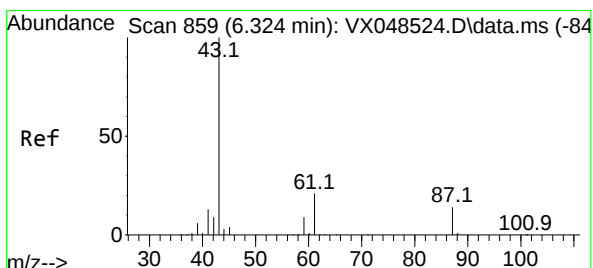
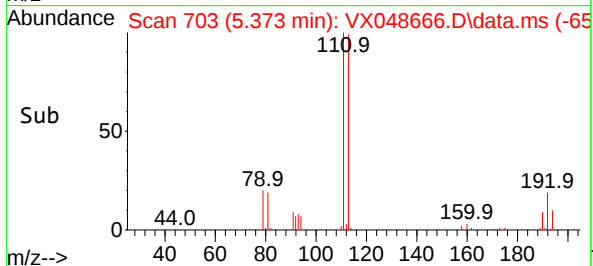
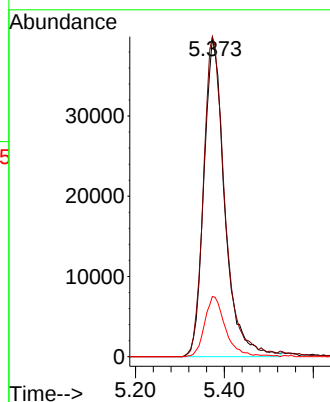
Tgt Ion:113 Resp: 129613

Ion Ratio Lower Upper

113 100

111 102.5 81.9 122.9

192 19.0 15.8 23.6



#43

Isopropyl Acetate

Concen: 1.462 ug/l

RT: 6.336 min Scan# 861

Delta R.T. 0.012 min

Lab File: VX048666.D

Acq: 24 Nov 2025 16:09

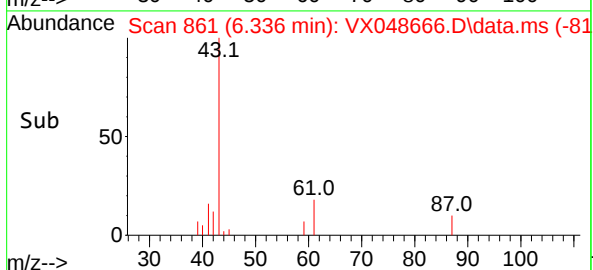
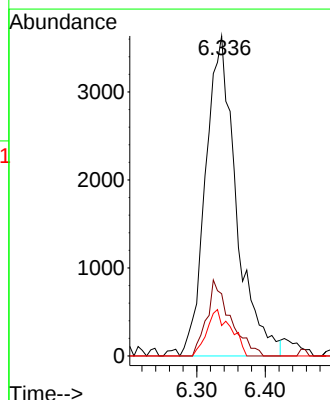
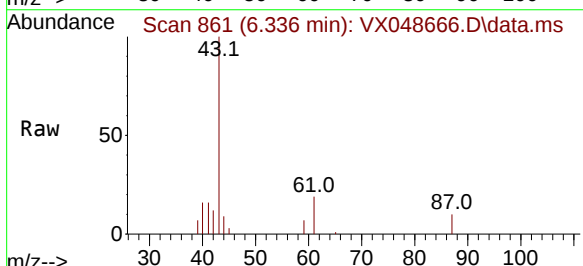
Tgt Ion: 43 Resp: 11304

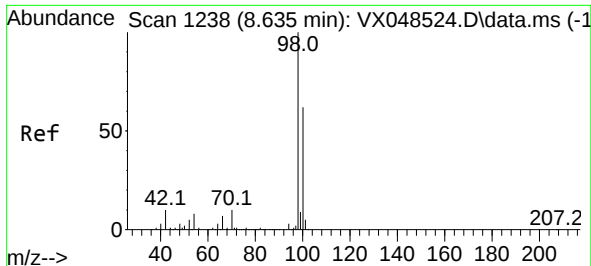
Ion Ratio Lower Upper

43 100

61 18.4 16.2 24.4

87 11.3 10.9 16.3

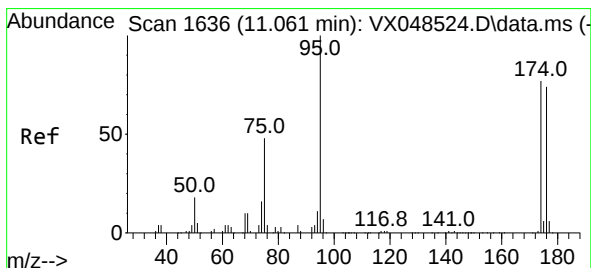
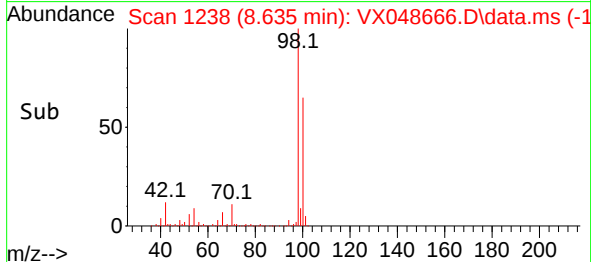
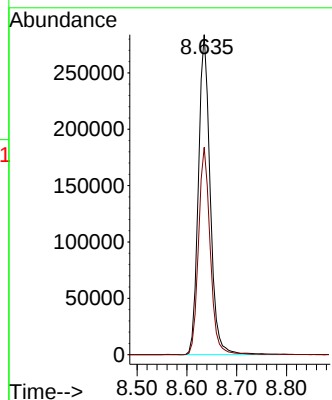
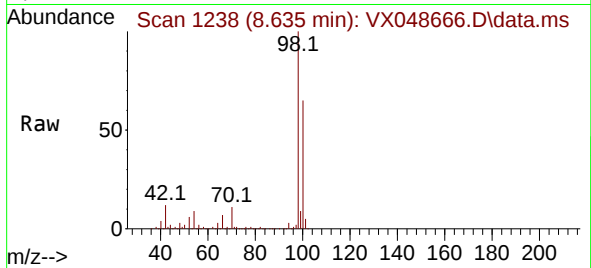




#50
Toluene-d8
Concen: 51.162 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048666.D
Acq: 24 Nov 2025 16:09

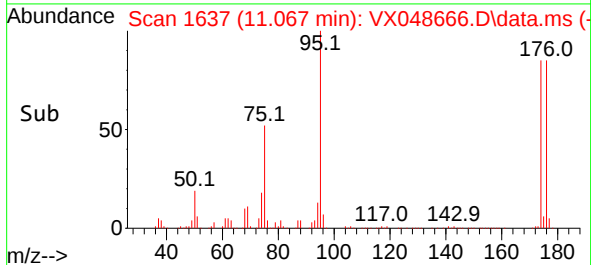
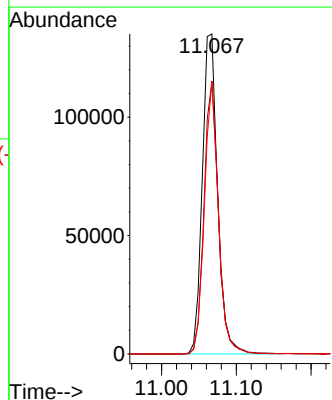
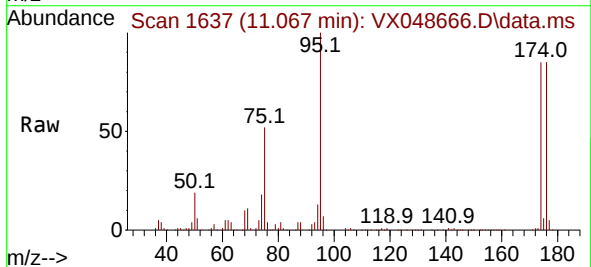
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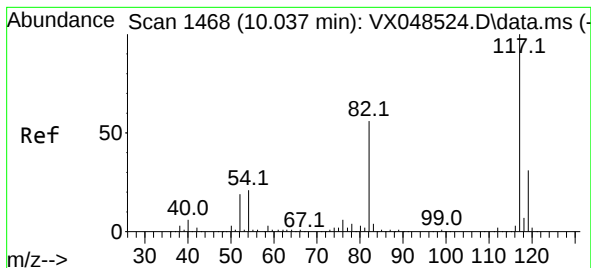
Tgt Ion: 98 Resp: 465698
Ion Ratio Lower Upper
98 100
100 64.4 53.6 80.4



#62
4-Bromofluorobenzene
Concen: 56.651 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX048666.D
Acq: 24 Nov 2025 16:09

Tgt Ion: 95 Resp: 192169
Ion Ratio Lower Upper
95 100
174 81.0 0.0 161.8
176 77.8 0.0 153.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.037 min Scan# 1468

Delta R.T. 0.000 min

Lab File: VX048666.D

Acq: 24 Nov 2025 16:09

Instrument :

MSVOA_X

ClientSampleId :

COMPRESSOR-EXCAVATION

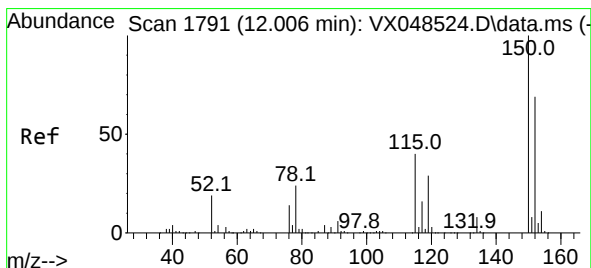
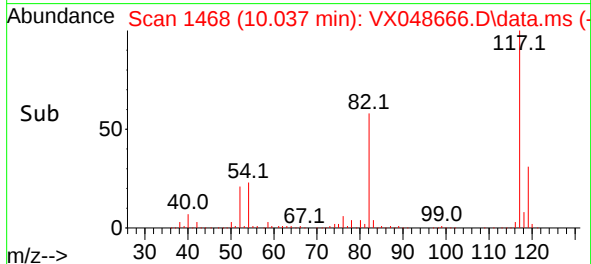
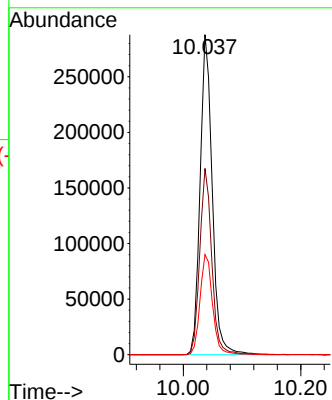
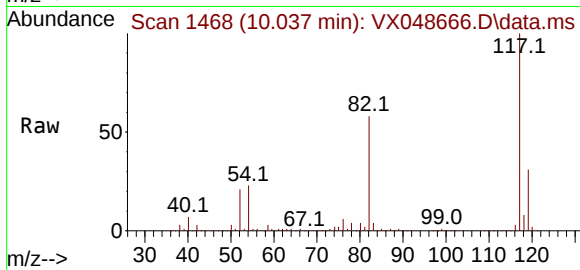
Tgt Ion:117 Resp: 412630

Ion Ratio Lower Upper

117 100

82 58.2 44.4 66.6

119 31.3 25.1 37.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VX048666.D

Acq: 24 Nov 2025 16:09

Tgt Ion:152 Resp: 215359

Ion Ratio Lower Upper

152 100

115 59.6 39.2 117.6

150 157.3 0.0 347.0

