

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112625\
 Data File : VX048689.D
 Acq On : 26 Nov 2025 12:46
 Operator : JC/MD
 Sample : Q3710-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WELD-SHOP-EXCAVATION

Quant Time: Nov 26 13:03:42 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)

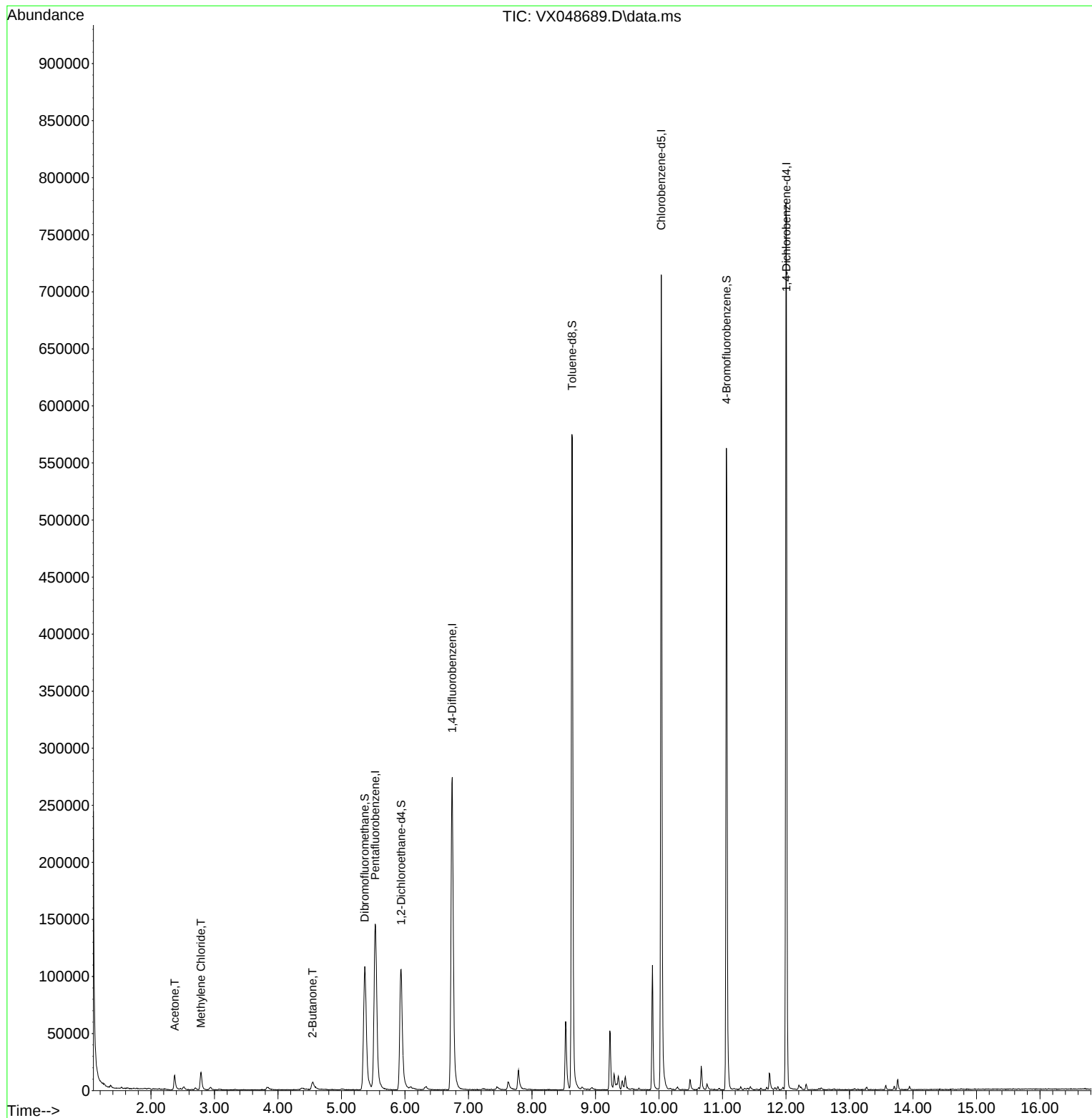
Internal Standards						
1) Pentafluorobenzene	5.531	168	156332	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	309987	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	346465	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	175051	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	118049	54.192	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	108.380%
35) Dibromofluoromethane	5.367	113	104480	44.532	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.060%
50) Toluene-d8	8.628	98	372309	50.880	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.760%
62) 4-Bromofluorobenzene	11.061	95	157490	57.754	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	115.500%
Target Compounds						
						Qvalue
16) Acetone	2.373	43	16810	16.302	ug/l	96
20) Methylene Chloride	2.788	84	7903	3.728	ug/l	96
25) 2-Butanone	4.544	43	13650	8.949	ug/l	96

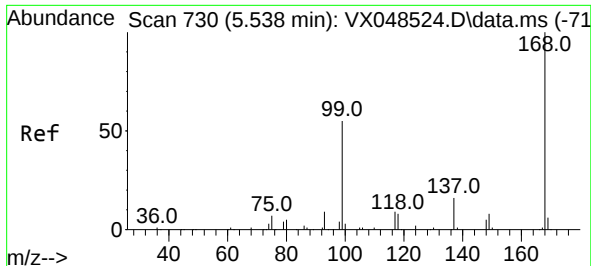
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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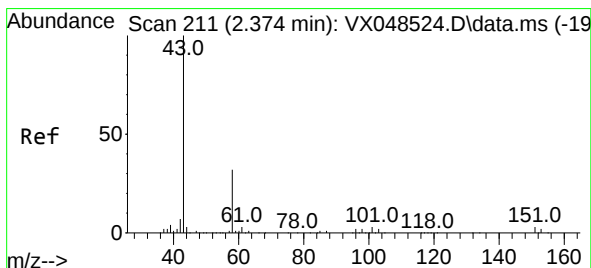
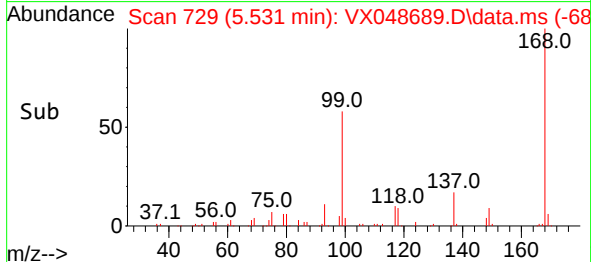
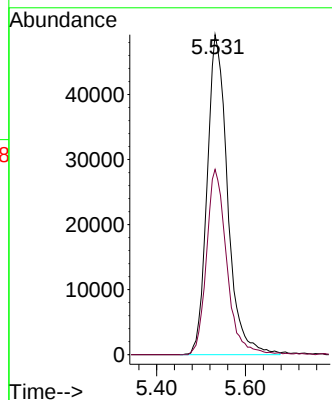
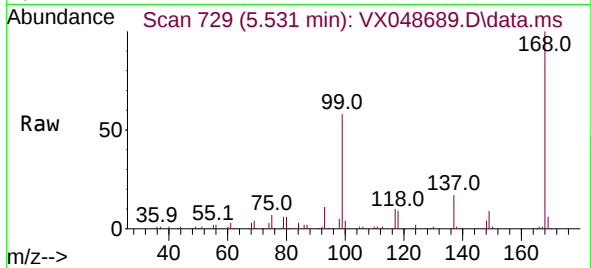




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.531 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX048689.D
Acq: 26 Nov 2025 12:46

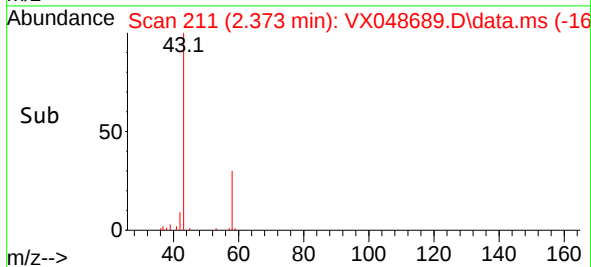
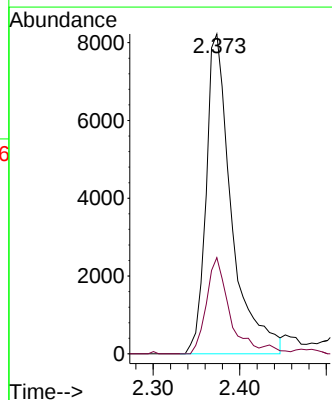
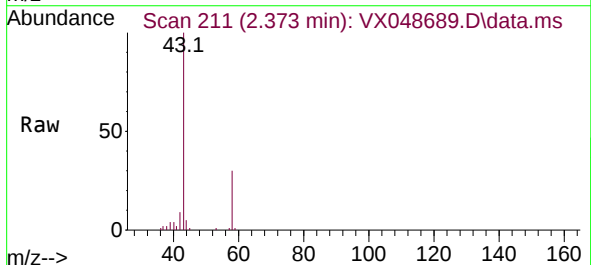
Instrument :
MSVOA_X
ClientSampleId :
WELD-SHOP-EXCAVATION

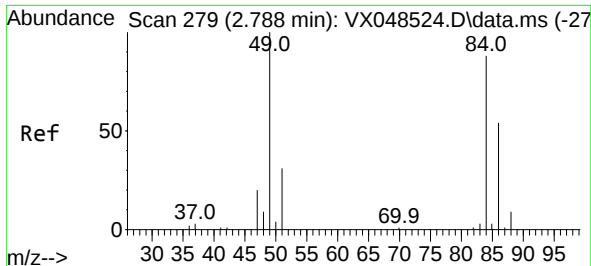
Tgt Ion:168 Resp: 156332
Ion Ratio Lower Upper
168 100
99 57.9 45.2 67.8



#16
Acetone
Concen: 16.302 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048689.D
Acq: 26 Nov 2025 12:46

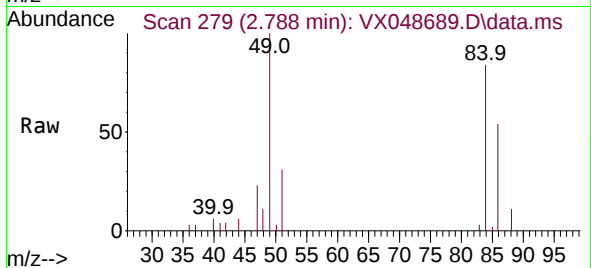
Tgt Ion: 43 Resp: 16810
Ion Ratio Lower Upper
43 100
58 30.1 25.8 38.6



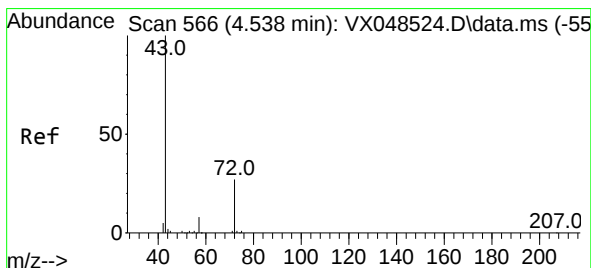
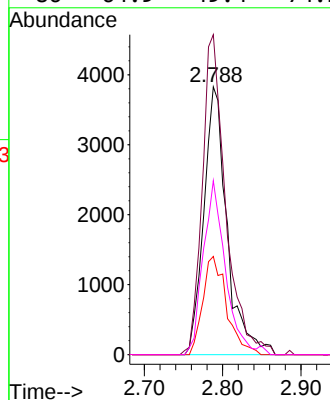
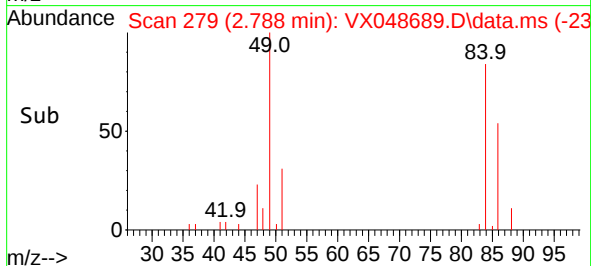


#20
Methylene Chloride
Concen: 3.728 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX048689.D
Acq: 26 Nov 2025 12:46

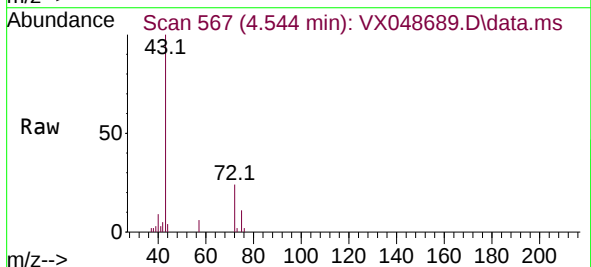
Instrument :
MSVOA_X
ClientSampleId :
WELD-SHOP-EXCAVATION



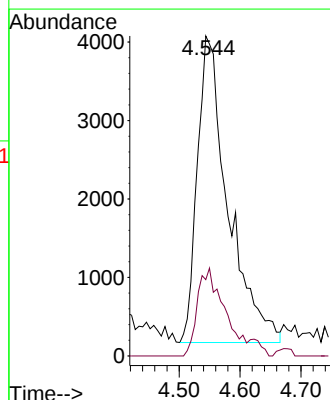
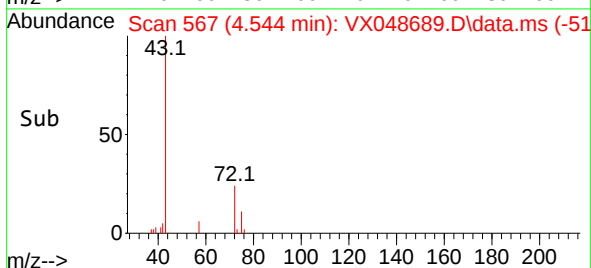
Tgt Ion:	84	Resp:	7903
Ion	Ratio	Lower	Upper
84	100		
49	119.5	91.2	136.8
51	36.7	28.3	42.5
86	64.9	49.4	74.2

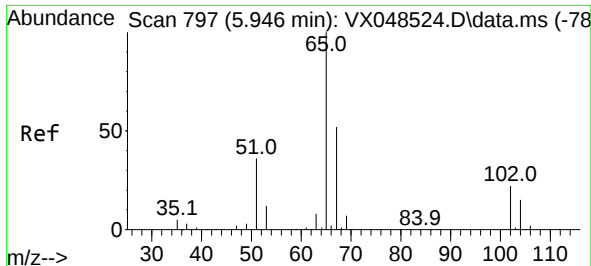


#25
2-Butanone
Concen: 8.949 ug/l
RT: 4.544 min Scan# 567
Delta R.T. 0.006 min
Lab File: VX048689.D
Acq: 26 Nov 2025 12:46



Tgt Ion:	43	Resp:	13650
Ion	Ratio	Lower	Upper
43	100		
72	24.9	21.5	32.3





#33

1,2-Dichloroethane-d4

Concen: 54.192 ug/l

RT: 5.940 min Scan# 797

Delta R.T. -0.006 min

Lab File: VX048689.D

Acq: 26 Nov 2025 12:46

Instrument :

MSVOA_X

ClientSampleId :

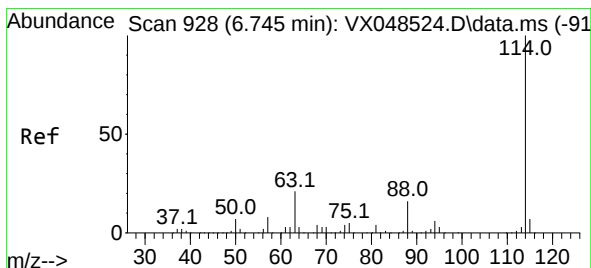
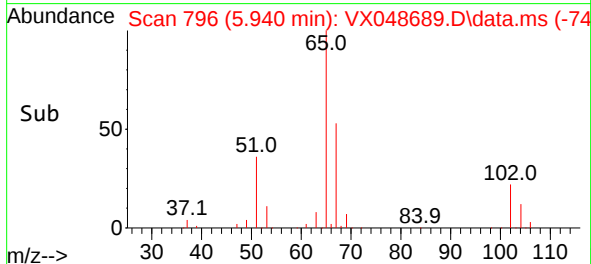
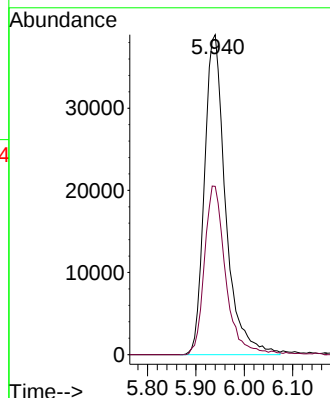
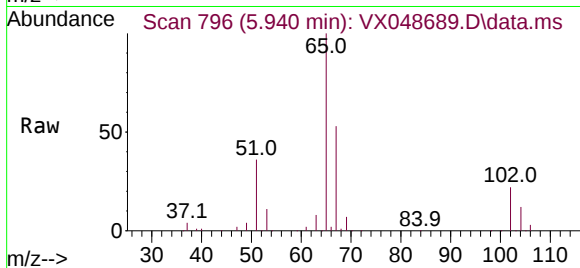
WELD-SHOP-EXCAVATION

Tgt Ion: 65 Resp: 118049

Ion Ratio Lower Upper

65 100

67 53.0 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.745 min Scan# 928

Delta R.T. -0.000 min

Lab File: VX048689.D

Acq: 26 Nov 2025 12:46

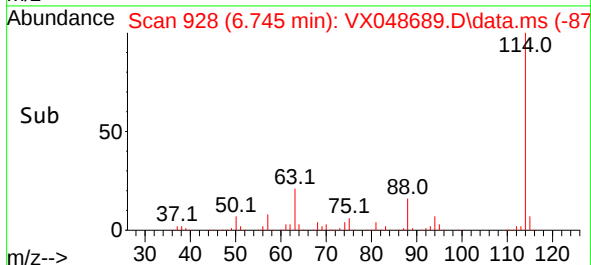
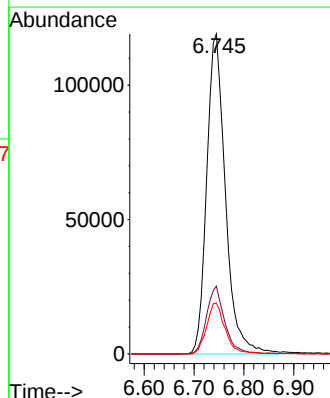
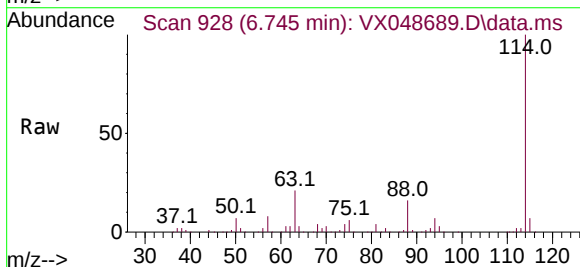
Tgt Ion:114 Resp: 309987

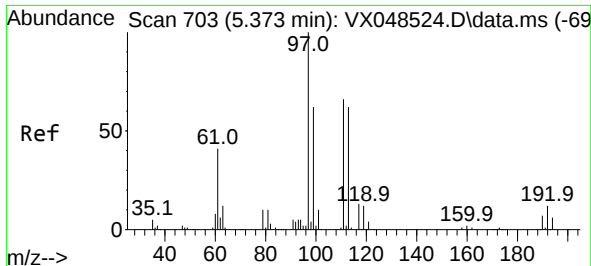
Ion Ratio Lower Upper

114 100

63 21.2 0.0 41.2

88 15.8 0.0 32.2

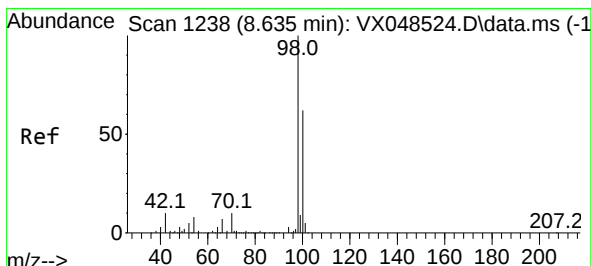
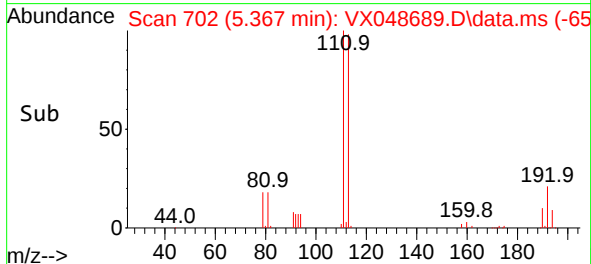
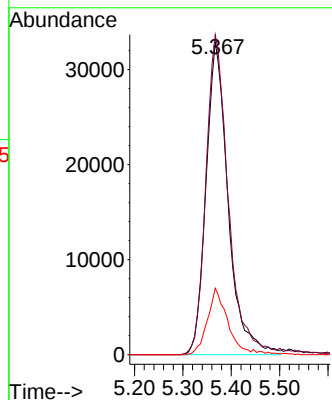
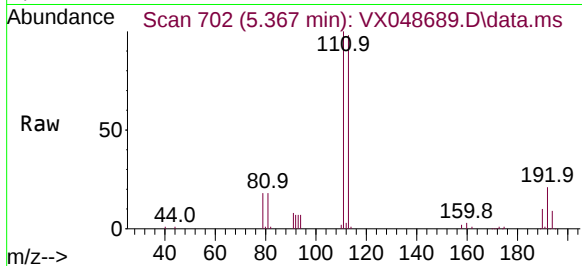




#35
Dibromofluoromethane
Concen: 44.532 ug/l
RT: 5.367 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX048689.D
Acq: 26 Nov 2025 12:46

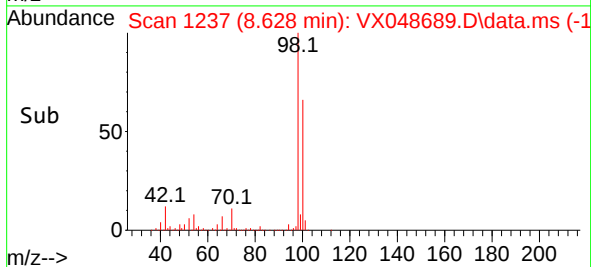
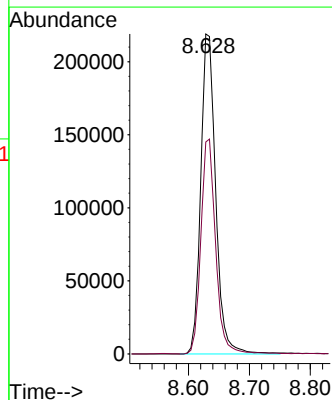
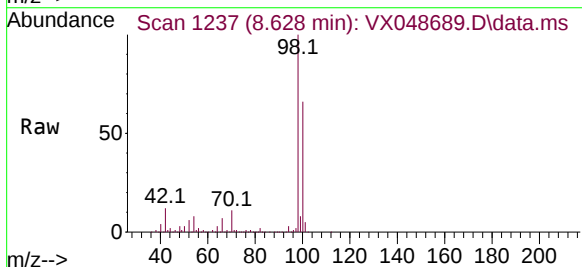
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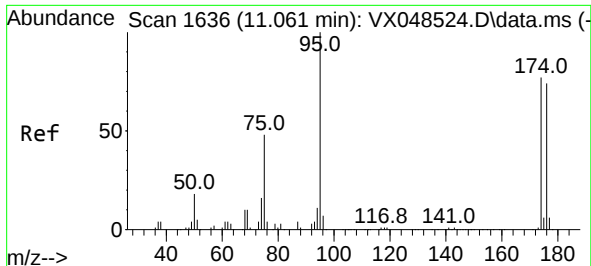
Tgt Ion:113 Resp: 104480
Ion Ratio Lower Upper
113 100
111 103.9 81.9 122.9
192 19.8 15.8 23.6



#50
Toluene-d8
Concen: 50.880 ug/l
RT: 8.628 min Scan# 1237
Delta R.T. -0.006 min
Lab File: VX048689.D
Acq: 26 Nov 2025 12:46

Tgt Ion: 98 Resp: 372309
Ion Ratio Lower Upper
98 100
100 66.5 53.6 80.4

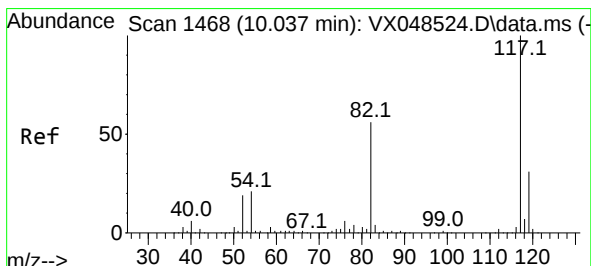
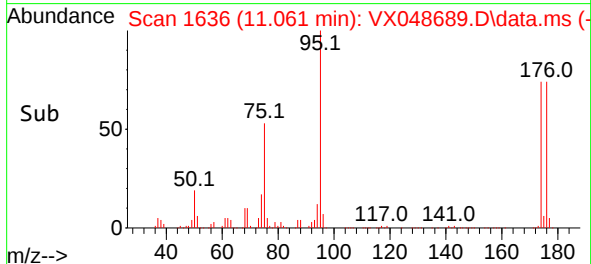
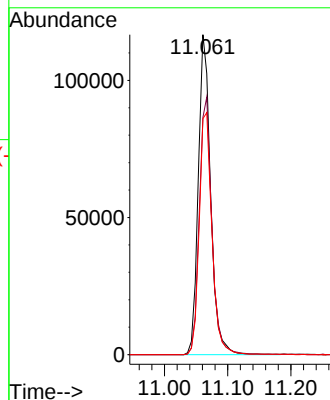
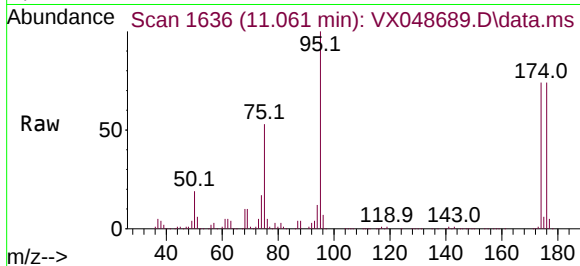




#62
4-Bromofluorobenzene
Concen: 57.754 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048689.D
Acq: 26 Nov 2025 12:46

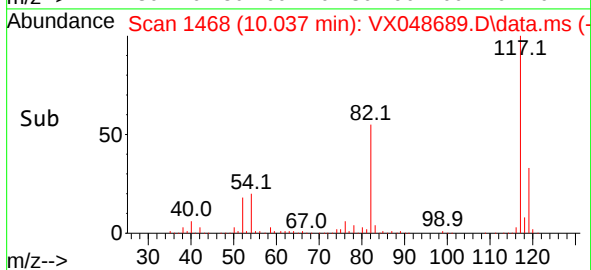
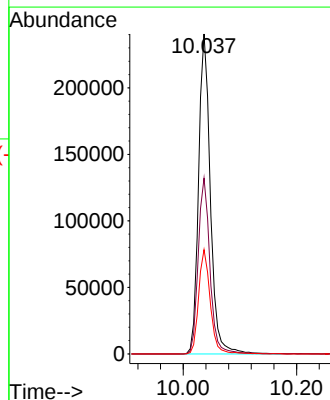
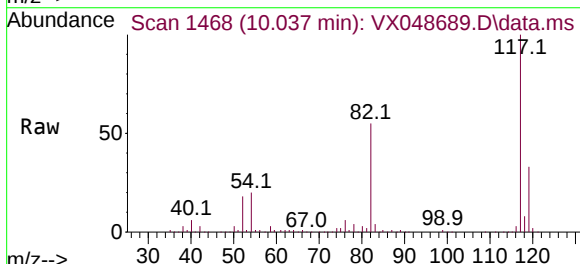
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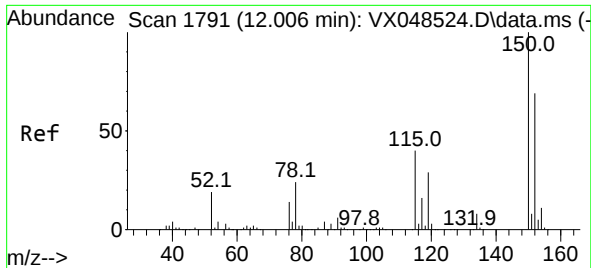
Tgt Ion: 95 Resp: 157490
Ion Ratio Lower Upper
95 100
174 81.8 0.0 161.8
176 78.0 0.0 153.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048689.D
Acq: 26 Nov 2025 12:46

Tgt Ion: 117 Resp: 346465
Ion Ratio Lower Upper
117 100
82 54.9 44.4 66.6
119 32.6 25.1 37.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX048689.D

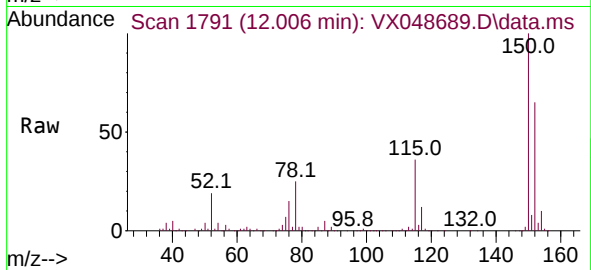
Acq: 26 Nov 2025 12:46

Instrument :

MSVOA_X

ClientSampleId :

WELD-SHOP-EXCAVATION



Tgt Ion:152 Resp: 175051

Ion Ratio Lower Upper

152 100

115 58.2 39.2 117.6

150 156.5 0.0 347.0

