

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120825\
 Data File : VX048761.D
 Acq On : 08 Dec 2025 17:21
 Operator : JC/MD
 Sample : Q3788-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BR-05-465-120525

Quant Time: Dec 09 04:13:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 05 03:27:34 2025
 Response via : Initial Calibration

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

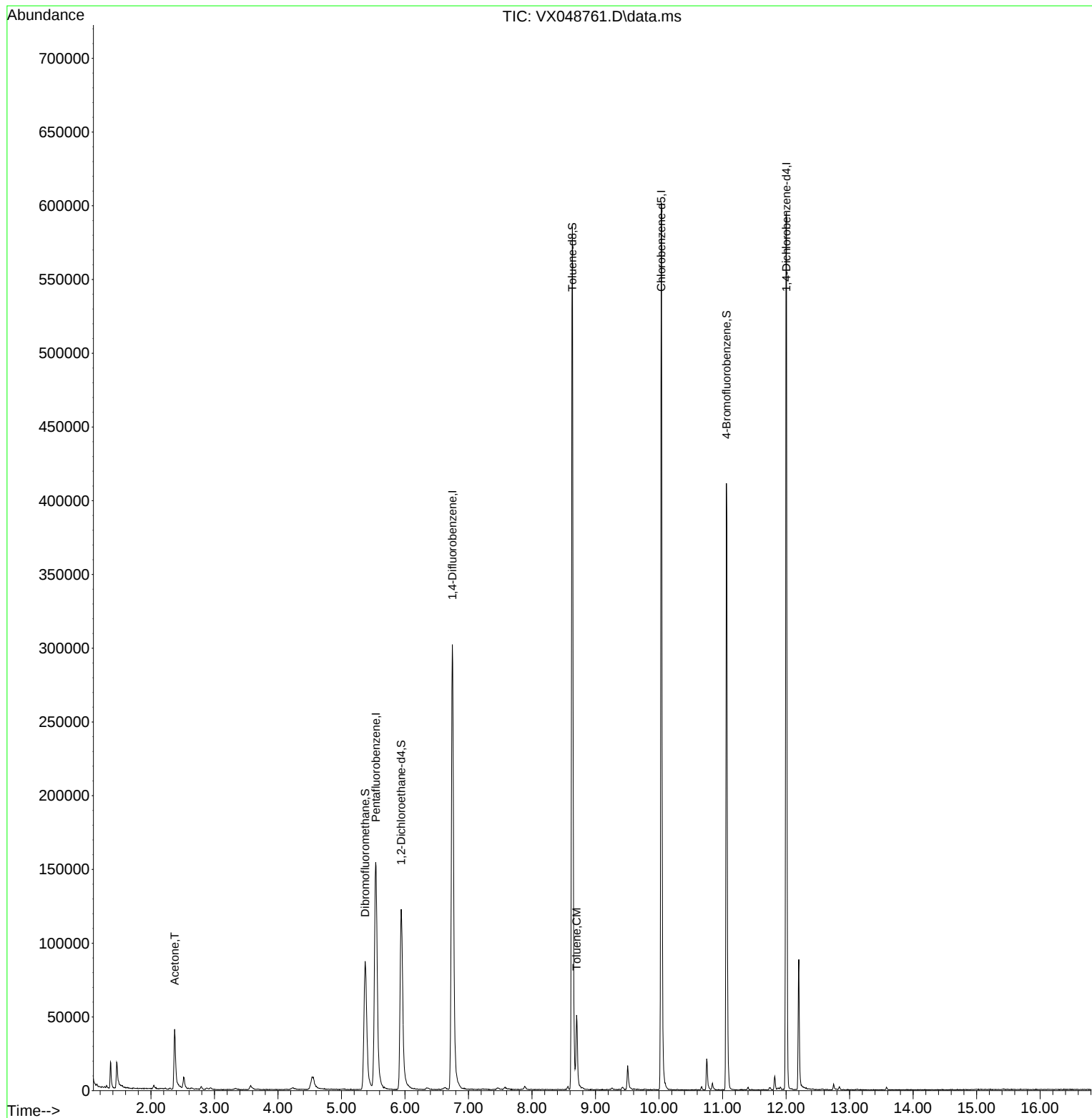
Internal Standards						
1) Pentafluorobenzene	5.544	168	158795	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	333603	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	259658	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	129696	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	136681	64.130	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 128.260%#	
35) Dibromofluoromethane	5.373	113	85386	37.173	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 74.340%#	
50) Toluene-d8	8.634	98	360181	44.734	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 89.460%#	
62) 4-Bromofluorobenzene	11.061	95	108254	38.990	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 77.980%#	
Target Compounds						
					Qvalue	
16) Acetone	2.373	43	54679	67.016	ug/l	99
52) Toluene	8.702	92	18766	3.337	ug/l	98

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

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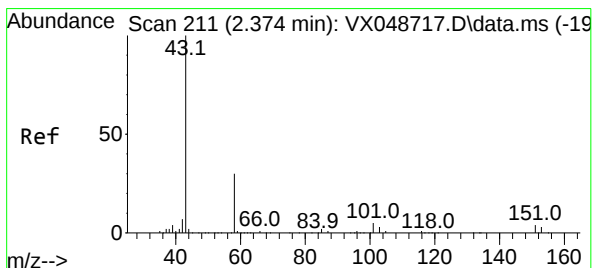
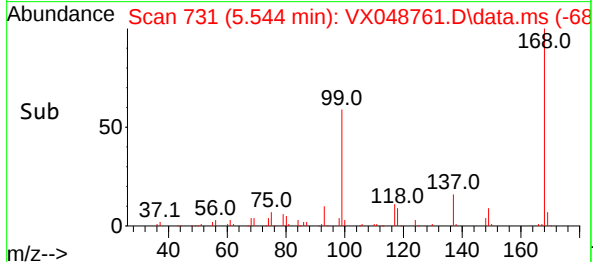
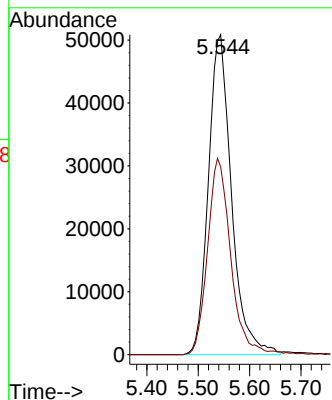
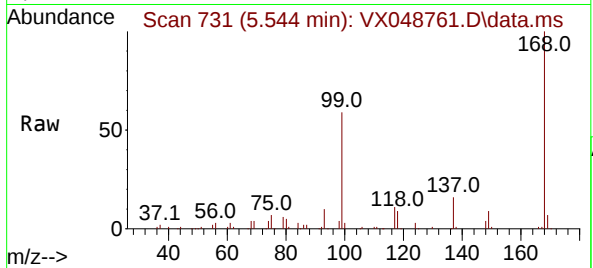




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.006 min
Lab File: VX048761.D
Acq: 08 Dec 2025 17:21

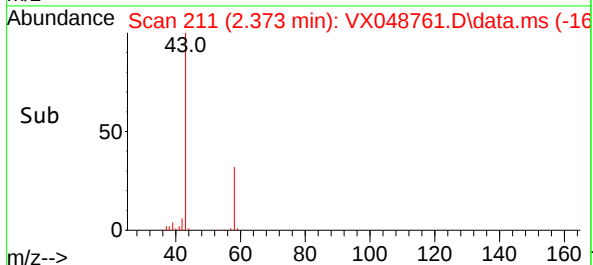
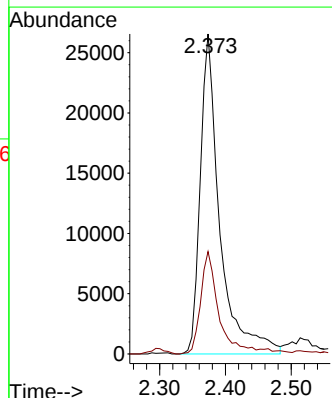
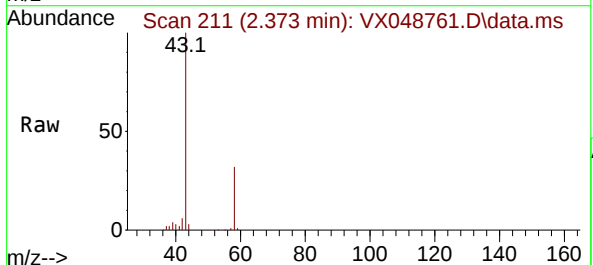
Instrument :
MSVOA_X
ClientSampleId :
BR-05-465-120525

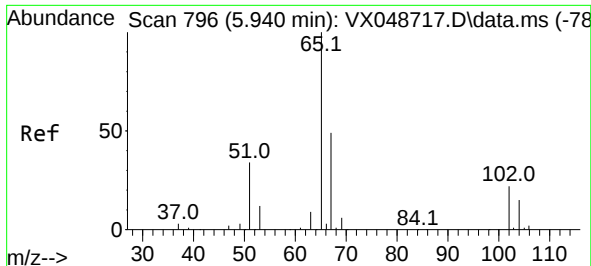
Tgt Ion:168 Resp: 158795
Ion Ratio Lower Upper
168 100
99 58.7 44.2 66.4



#16
Acetone
Concen: 67.016 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048761.D
Acq: 08 Dec 2025 17:21

Tgt Ion: 43 Resp: 54679
Ion Ratio Lower Upper
43 100
58 32.0 25.0 37.4





#33

1,2-Dichloroethane-d4

Concen: 64.130 ug/l

RT: 5.940 min Scan# 796

Delta R.T. -0.000 min

Lab File: VX048761.D

Acq: 08 Dec 2025 17:21

Instrument :

MSVOA_X

ClientSampleId :

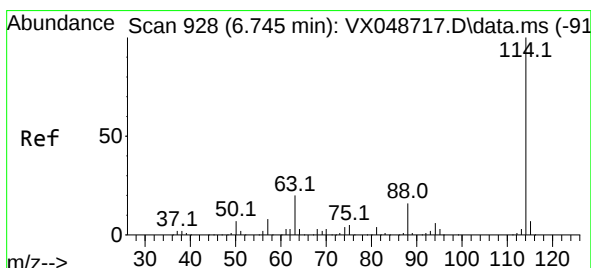
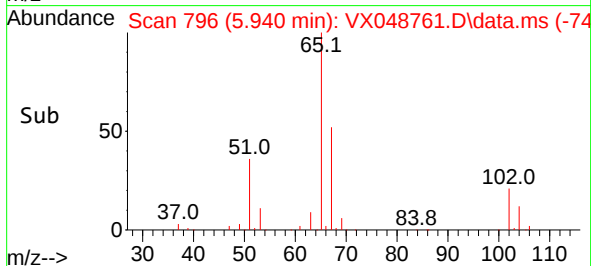
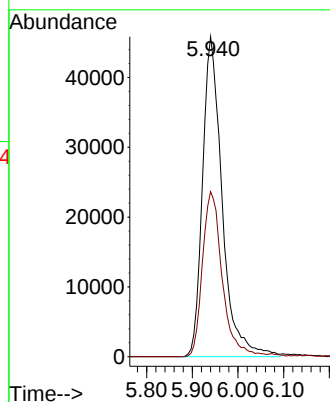
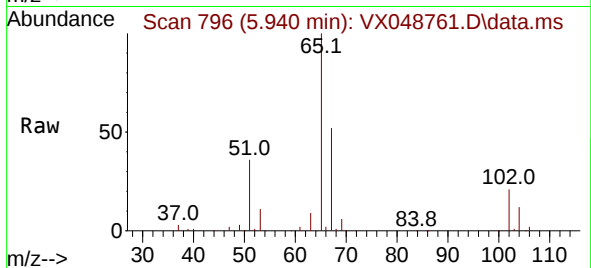
BR-05-465-120525

Tgt Ion: 65 Resp: 136681

Ion Ratio Lower Upper

65 100

67 51.9 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.745 min Scan# 928

Delta R.T. -0.000 min

Lab File: VX048761.D

Acq: 08 Dec 2025 17:21

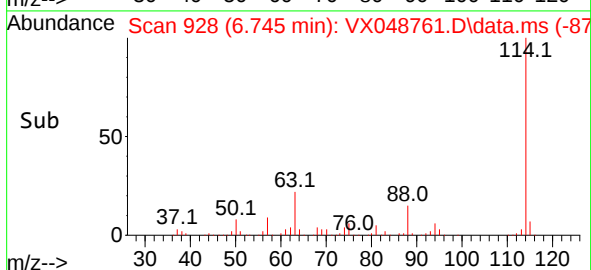
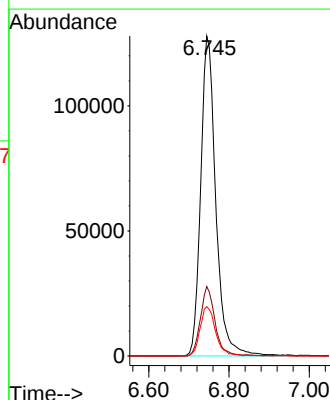
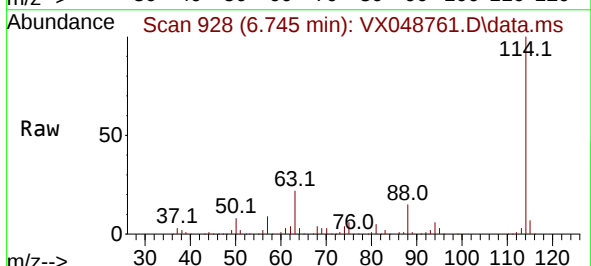
Tgt Ion: 114 Resp: 333603

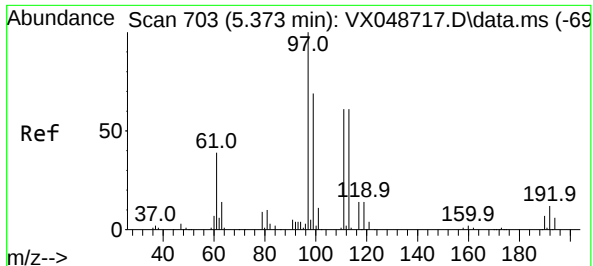
Ion Ratio Lower Upper

114 100

63 21.7 0.0 39.0

88 15.4 0.0 31.8

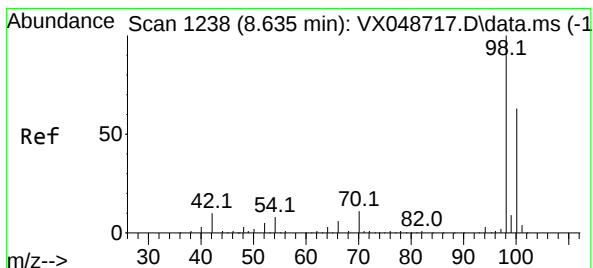
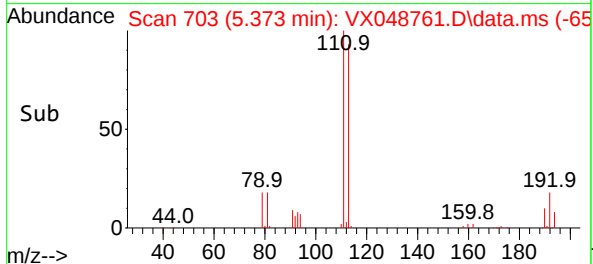
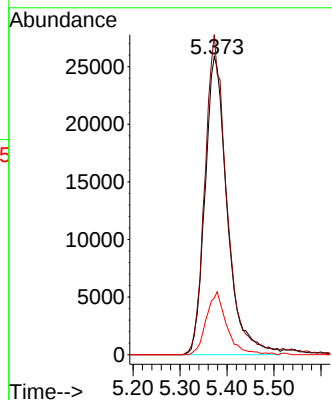
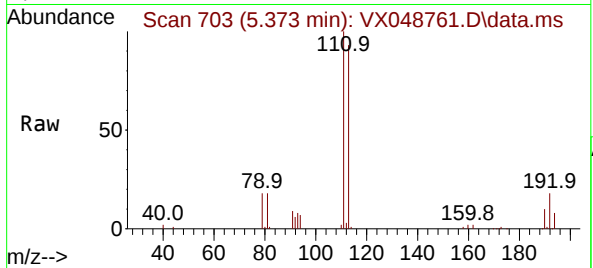




#35
Dibromofluoromethane
Concen: 37.173 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048761.D
Acq: 08 Dec 2025 17:21

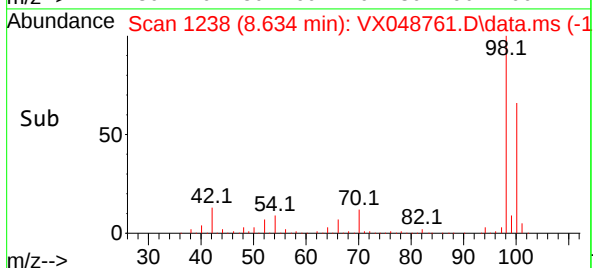
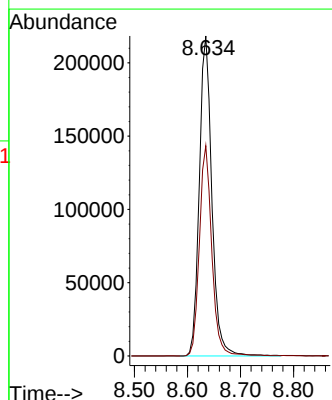
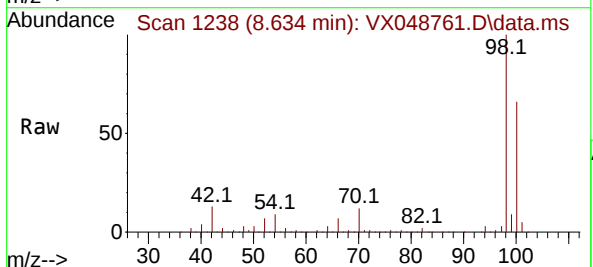
Instrument :
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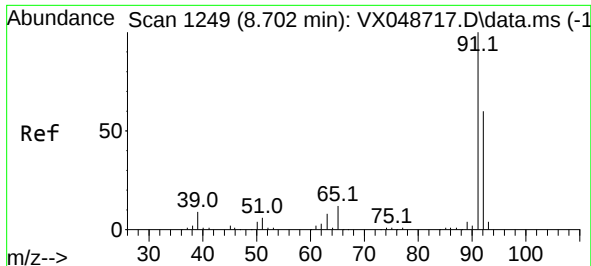
Tgt Ion:113 Resp: 85386
Ion Ratio Lower Upper
113 100
111 104.5 79.5 119.3
192 19.2 16.1 24.1



#50
Toluene-d8
Concen: 44.734 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048761.D
Acq: 08 Dec 2025 17:21

Tgt Ion: 98 Resp: 360181
Ion Ratio Lower Upper
98 100
100 64.9 53.4 80.0

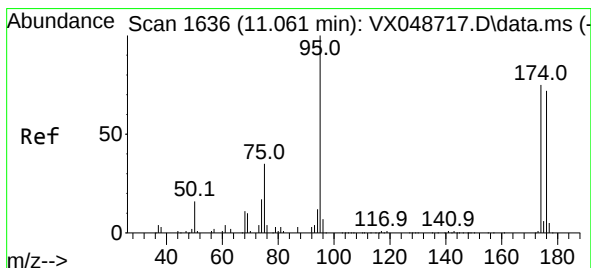
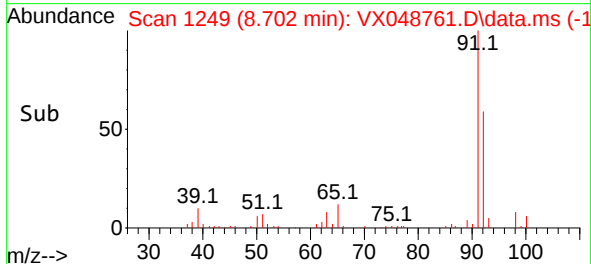
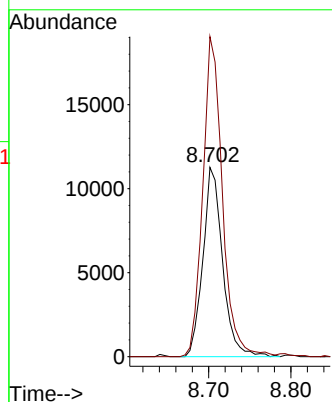
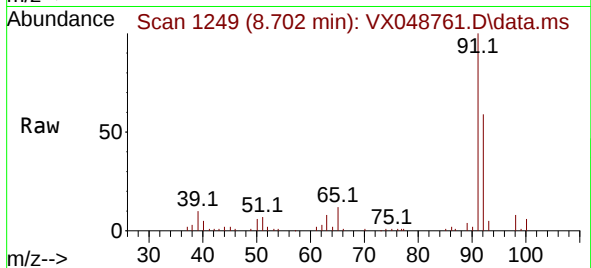




#52
Toluene
Concen: 3.337 ug/l
RT: 8.702 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048761.D
Acq: 08 Dec 2025 17:21

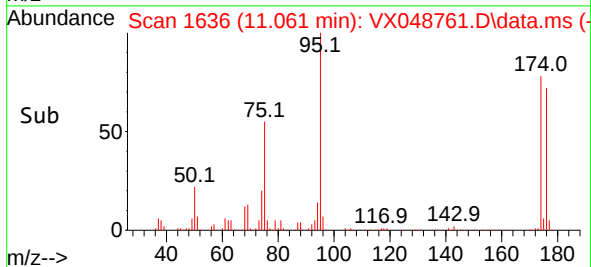
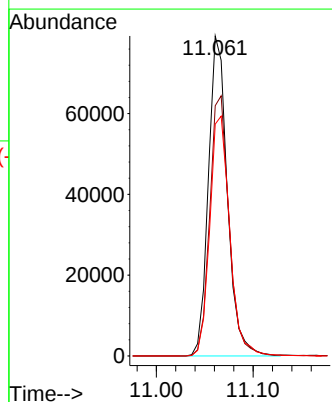
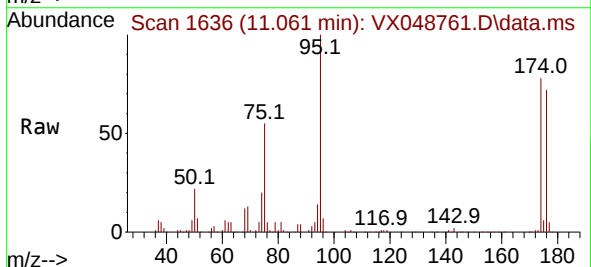
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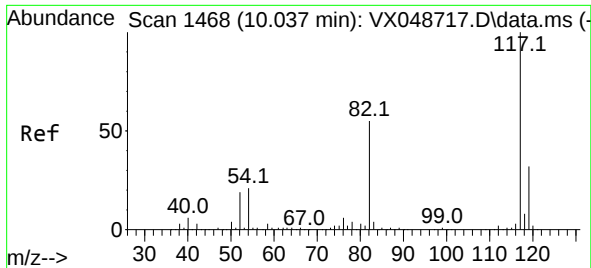
Tgt Ion: 92 Resp: 18766
Ion Ratio Lower Upper
92 100
91 168.2 136.3 204.5



#62
4-Bromofluorobenzene
Concen: 38.990 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048761.D
Acq: 08 Dec 2025 17:21

Tgt Ion: 95 Resp: 108254
Ion Ratio Lower Upper
95 100
174 83.5 0.0 157.8
176 79.1 0.0 154.0

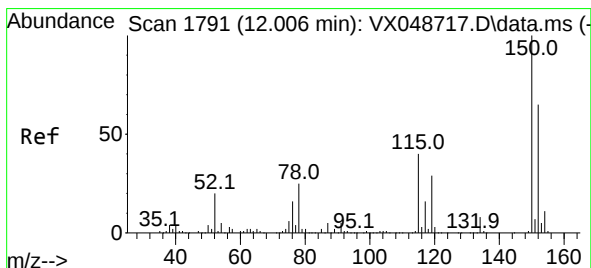
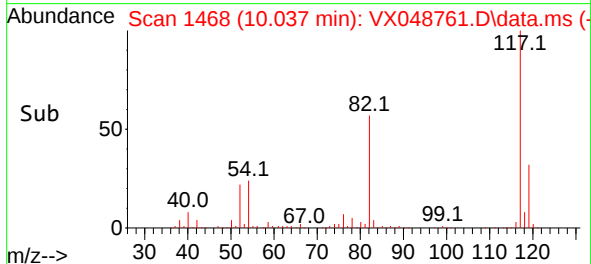
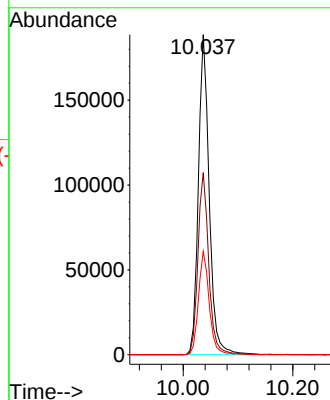
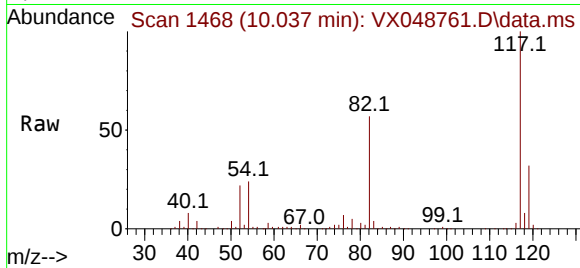




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048761.D
Acq: 08 Dec 2025 17:21

Instrument :
MSVOA_X
ClientSampleId :
BR-05-465-120525

Tgt Ion:117 Resp: 259658
Ion Ratio Lower Upper
117 100
82 56.9 44.1 66.1
119 32.2 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: VX048761.D
Acq: 08 Dec 2025 17:21

Tgt Ion:152 Resp: 129696
Ion Ratio Lower Upper
152 100
115 57.5 42.1 126.4
150 156.2 0.0 347.8

