

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121025\
 Data File : VX048815.D
 Acq On : 10 Dec 2025 16:34
 Operator : JC/MD
 Sample : Q3788-09RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: Dec 11 00:26:16 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)

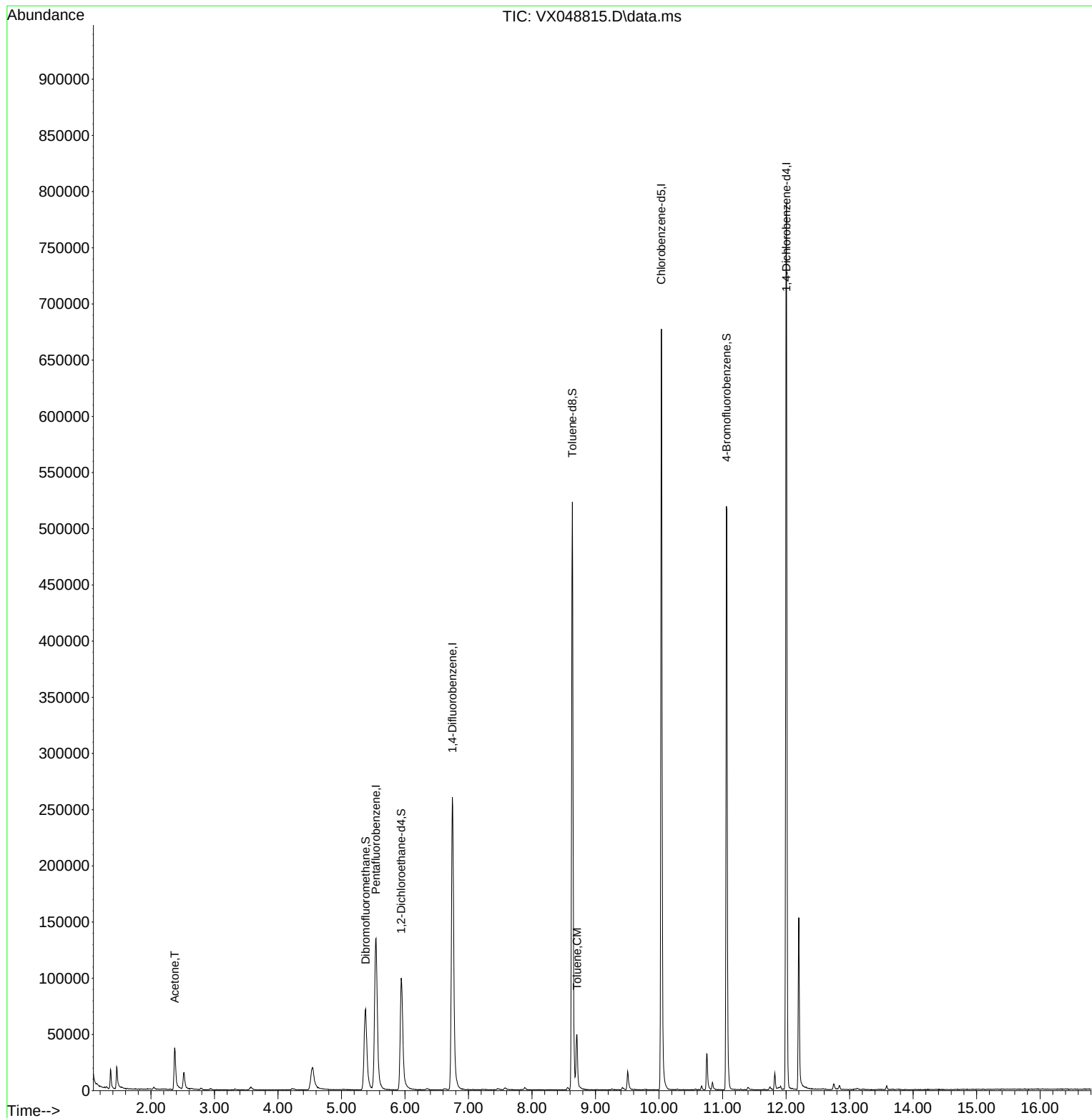
Internal Standards						
1) Pentafluorobenzene	5.544	168	141844	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	294856	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	321925	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	176216	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	109464	57.497	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	115.000%
35) Dibromofluoromethane	5.379	113	72006	35.467	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	70.940%#
50) Toluene-d8	8.635	98	333543	46.869	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.740%
62) 4-Bromofluorobenzene	11.061	95	150896	61.490	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	122.980%
Target Compounds						
					Qvalue	
16) Acetone	2.373	43	50972	69.938	ug/l	100
52) Toluene	8.708	92	19617	3.947	ug/l	100

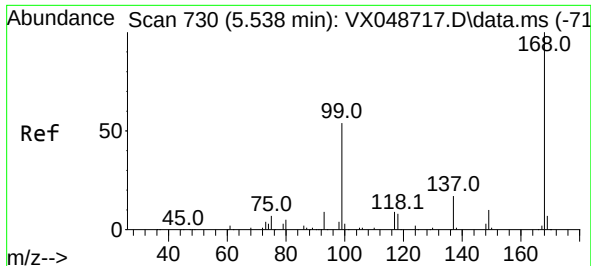
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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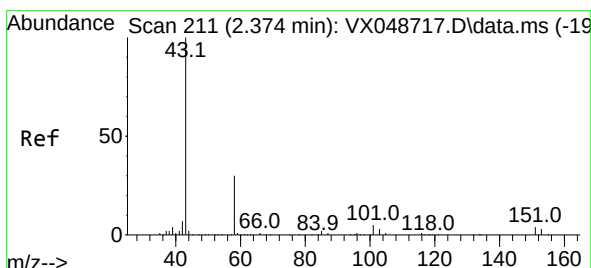
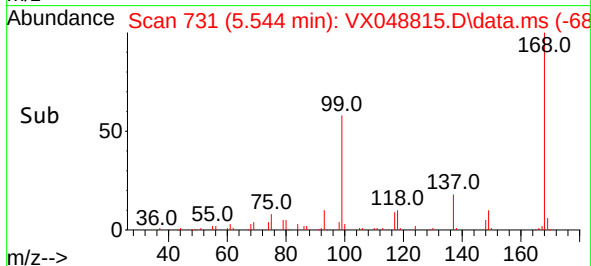
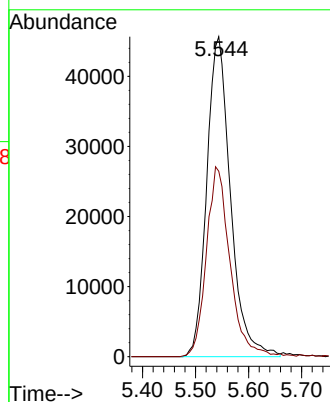
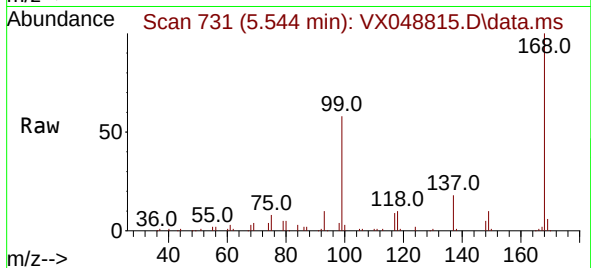




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.006 min
Lab File: VX048815.D
Acq: 10 Dec 2025 16:34

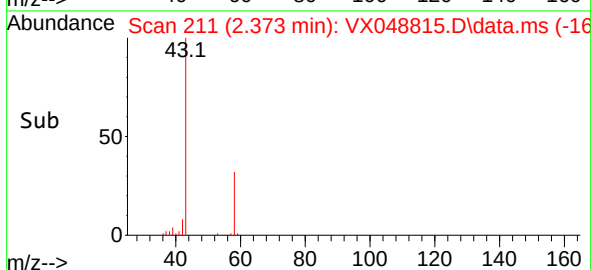
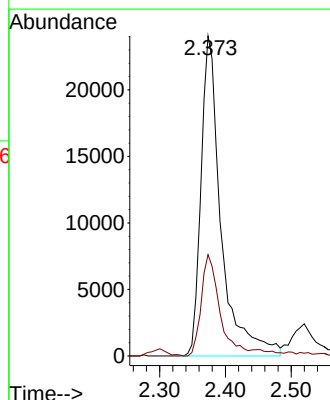
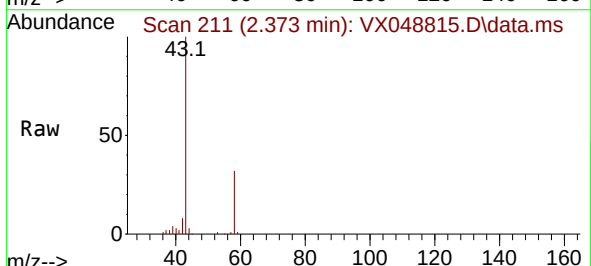
Instrument :
MSVOA_X
ClientSampleId :
BR-05-465-120525RE

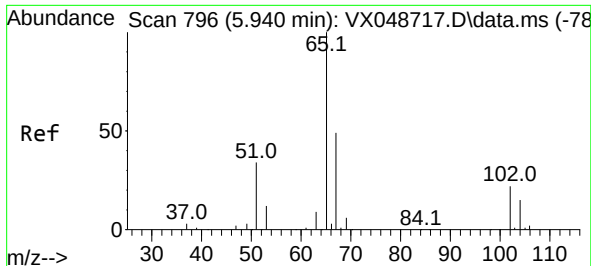
Tgt Ion:168 Resp: 141844
Ion Ratio Lower Upper
168 100
99 58.0 44.2 66.4



#16
Acetone
Concen: 69.938 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048815.D
Acq: 10 Dec 2025 16:34

Tgt Ion: 43 Resp: 50972
Ion Ratio Lower Upper
43 100
58 31.4 25.0 37.4





#33

1,2-Dichloroethane-d4

Concen: 57.497 ug/l

RT: 5.940 min Scan# 796

Delta R.T. -0.000 min

Lab File: VX048815.D

Acq: 10 Dec 2025 16:34

Instrument :

MSVOA_X

ClientSampleId :

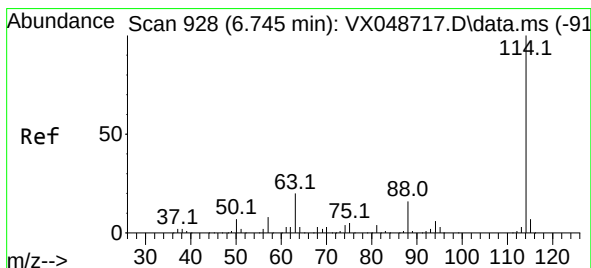
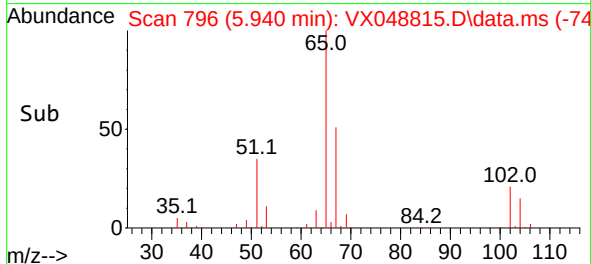
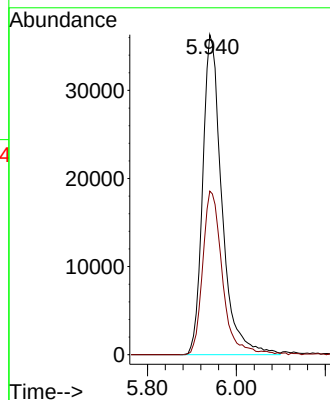
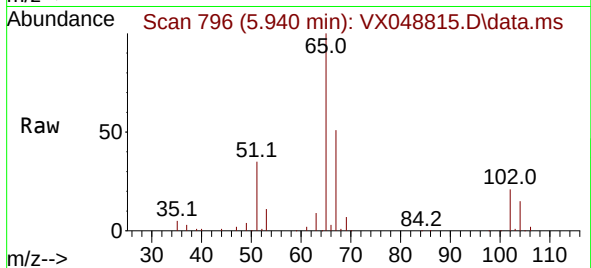
BR-05-465-120525RE

Tgt Ion: 65 Resp: 109464

Ion Ratio Lower Upper

65 100

67 51.7 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: VX048815.D

Acq: 10 Dec 2025 16:34

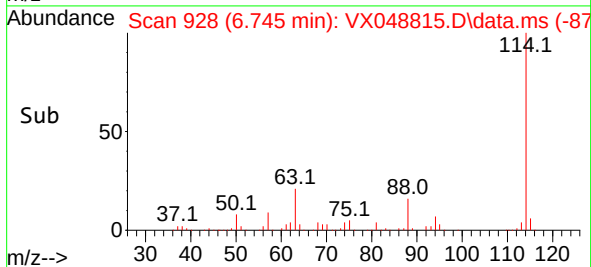
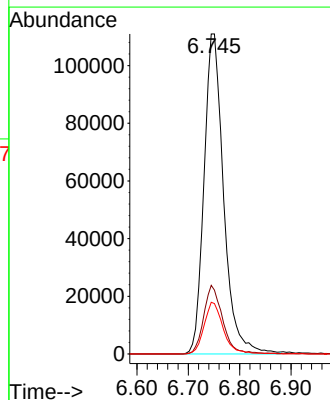
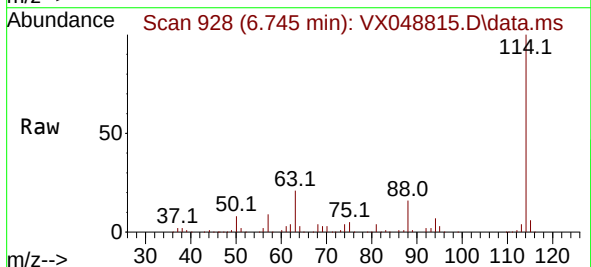
Tgt Ion: 114 Resp: 294856

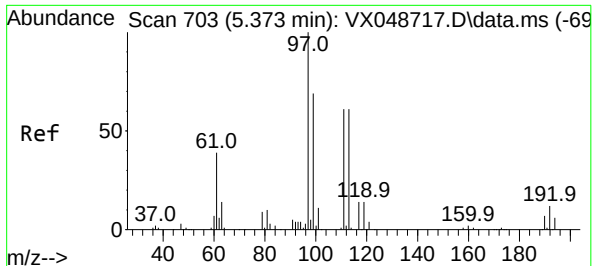
Ion Ratio Lower Upper

114 100

63 21.5 0.0 39.0

88 16.1 0.0 31.8





#35

Dibromofluoromethane

Concen: 35.467 ug/l

RT: 5.379 min Scan# 703

Delta R.T. 0.006 min

Lab File: VX048815.D

Acq: 10 Dec 2025 16:34

Instrument :

MSVOA_X

ClientSampleId :

BR-05-465-120525RE

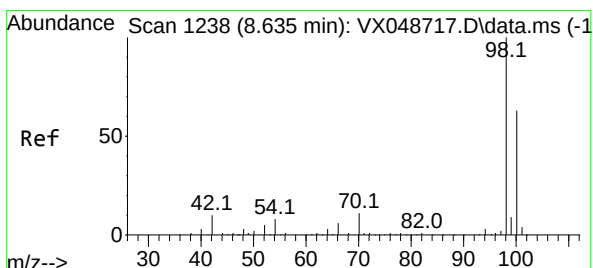
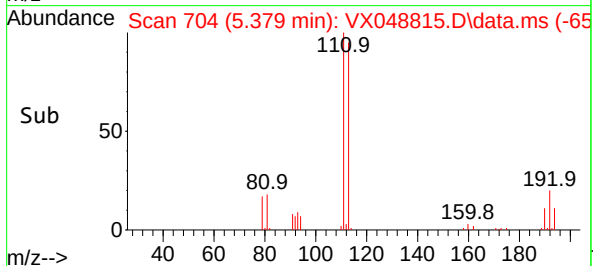
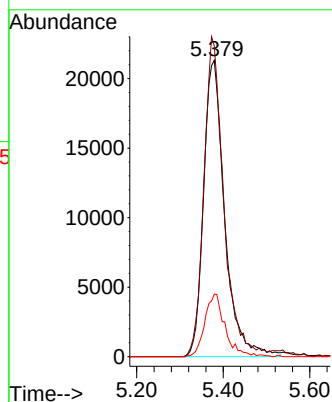
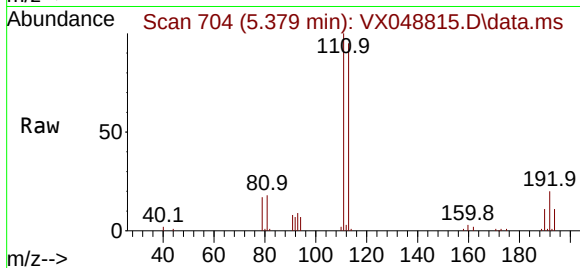
Tgt Ion:113 Resp: 72006

Ion Ratio Lower Upper

113 100

111 100.6 79.5 119.3

192 20.4 16.1 24.1



#50

Toluene-d8

Concen: 46.869 ug/l

RT: 8.635 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VX048815.D

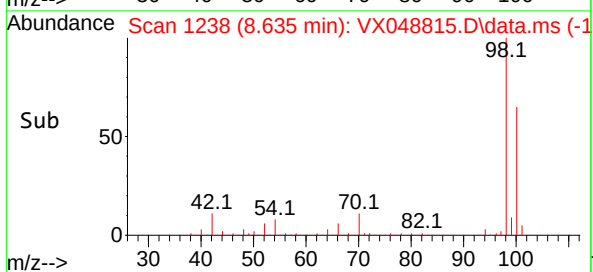
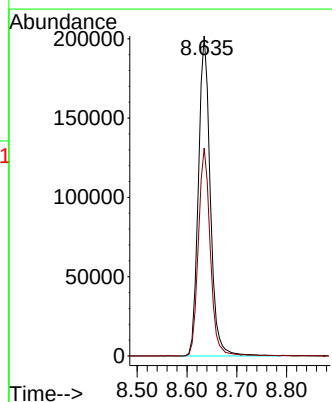
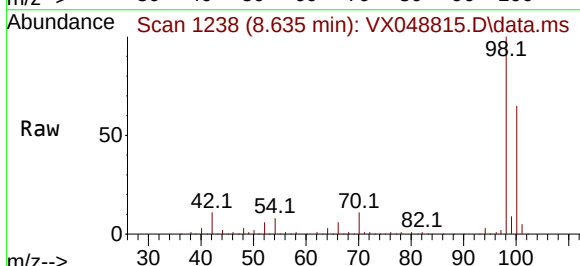
Acq: 10 Dec 2025 16:34

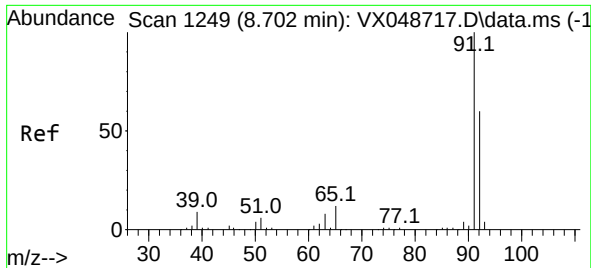
Tgt Ion: 98 Resp: 333543

Ion Ratio Lower Upper

98 100

100 65.2 53.4 80.0

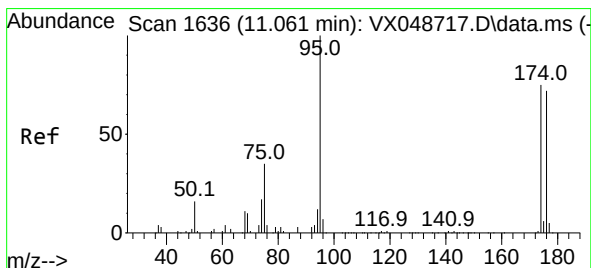
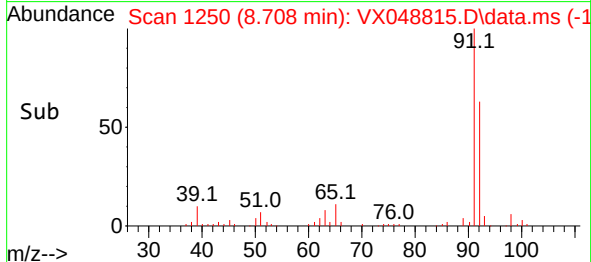
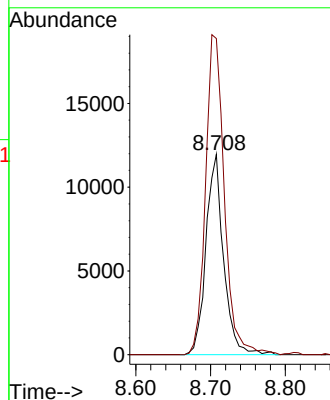
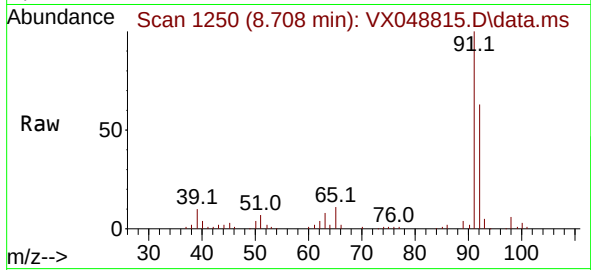




#52
Toluene
Concen: 3.947 ug/l
RT: 8.708 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX048815.D
Acq: 10 Dec 2025 16:34

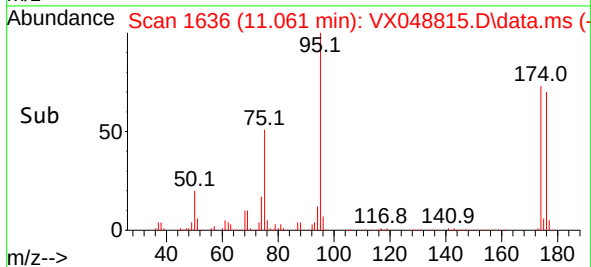
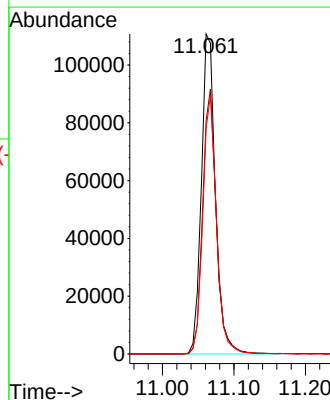
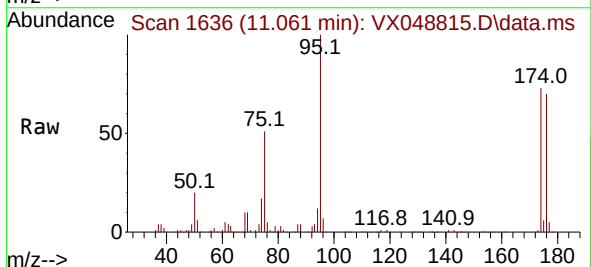
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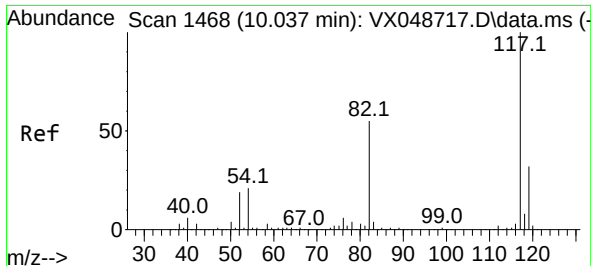
Tgt Ion: 92 Resp: 19617
Ion Ratio Lower Upper
92 100
91 169.8 136.3 204.5



#62
4-Bromofluorobenzene
Concen: 61.490 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048815.D
Acq: 10 Dec 2025 16:34

Tgt Ion: 95 Resp: 150896
Ion Ratio Lower Upper
95 100
174 81.6 0.0 157.8
176 78.5 0.0 154.0

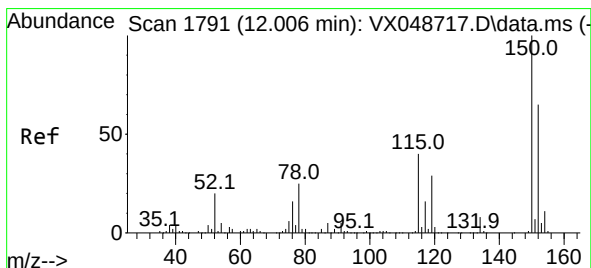
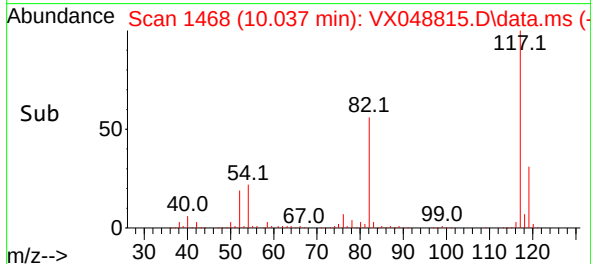
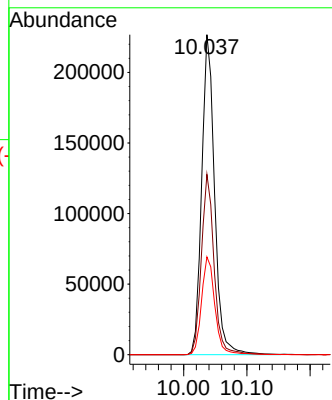
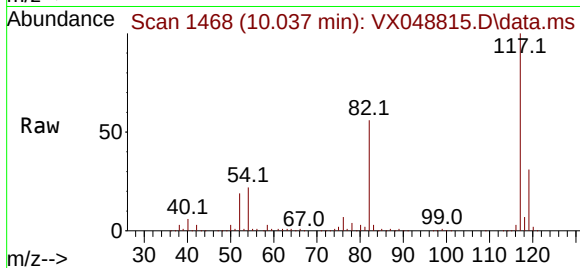




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048815.D
Acq: 10 Dec 2025 16:34

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

Tgt Ion:117 Resp: 321925
Ion Ratio Lower Upper
117 100
82 56.3 44.1 66.1
119 30.5 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: VX048815.D
Acq: 10 Dec 2025 16:34

Tgt Ion:152 Resp: 176216
Ion Ratio Lower Upper
152 100
115 59.1 42.1 126.4
150 159.6 0.0 347.8

