

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110325\
 Data File : VX048460.D
 Acq On : 03 Nov 2025 16:22
 Operator : JC/MD
 Sample : Q3494-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Field

Quant Time: Nov 04 00:15:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 30 02:37:17 2025
 Response via : Initial Calibration

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

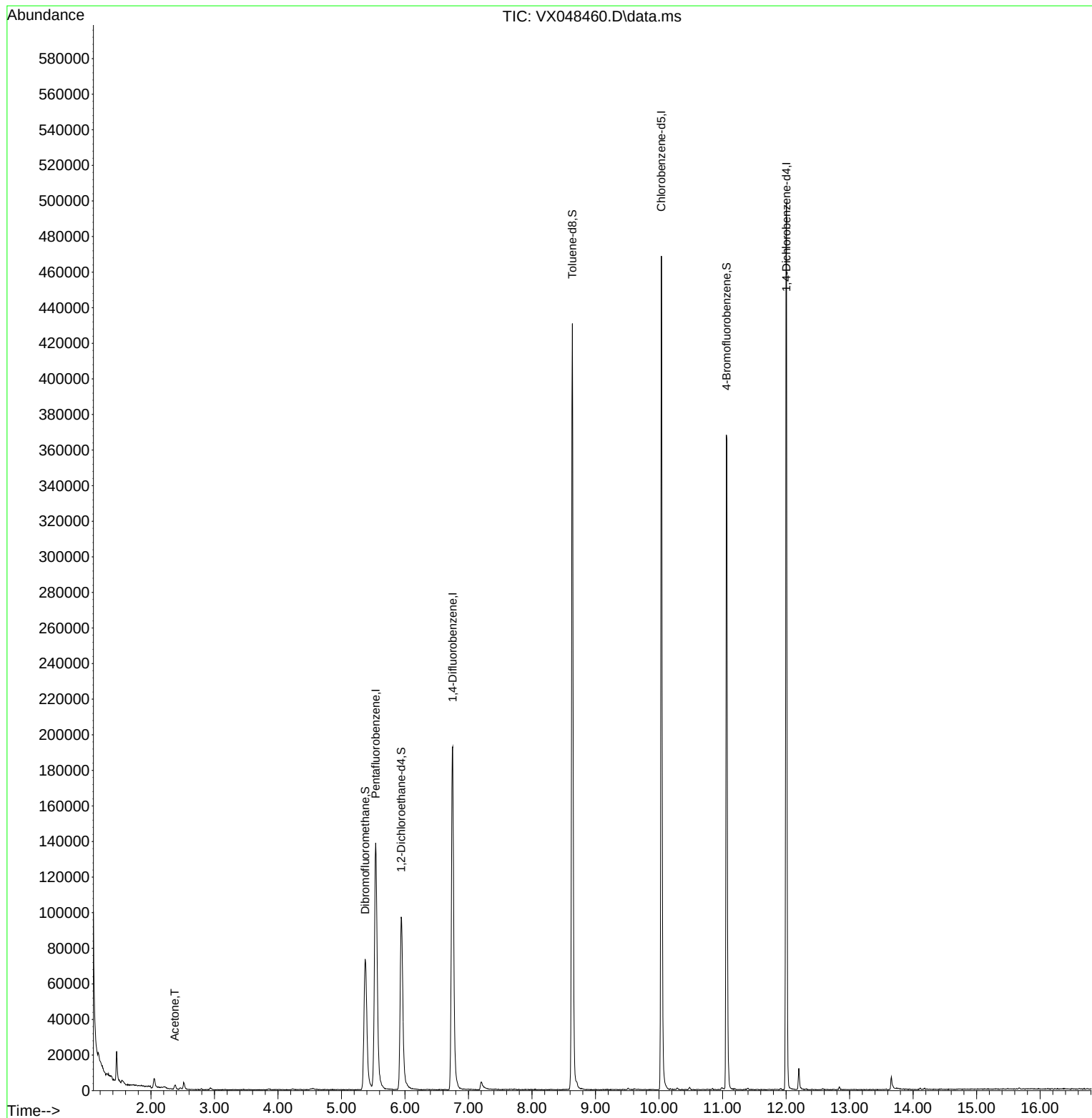
Internal Standards						
1) Pentafluorobenzene	5.538	168	147384	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	222925	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	210225	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	103668	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	108102	51.001	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	102.000%
35) Dibromofluoromethane	5.373	113	75144	59.123	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	118.240%
50) Toluene-d8	8.635	98	264437	47.133	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.260%
62) 4-Bromofluorobenzene	11.061	95	107228	51.091	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.180%
Target Compounds						
16) Acetone	2.373	43	3478	7.240	ug/l	Qvalue 95

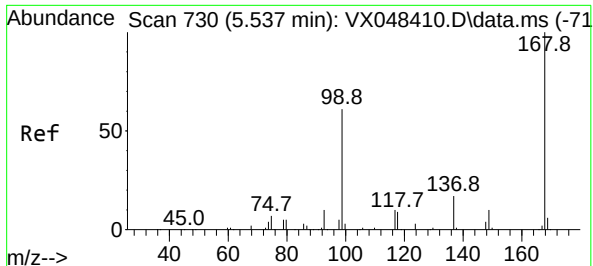
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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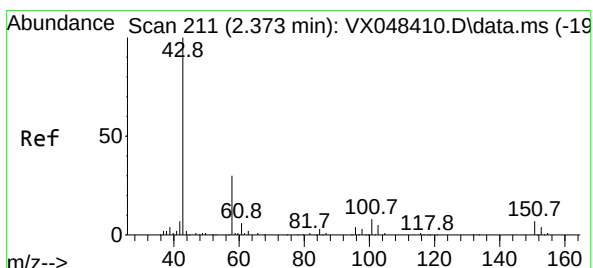
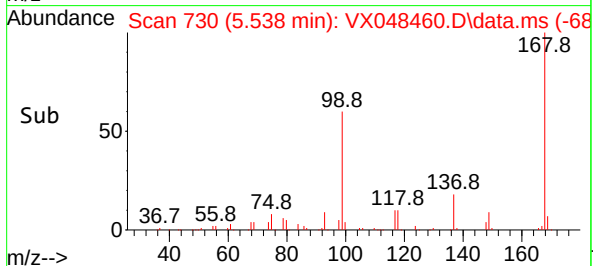
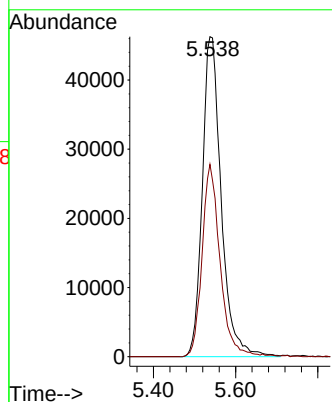
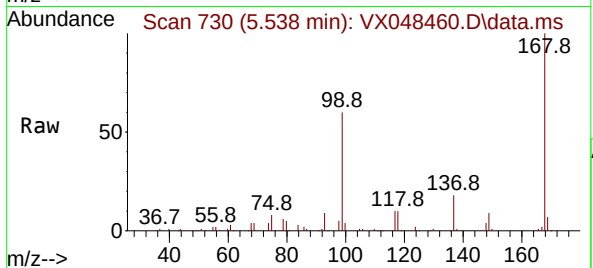




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX048460.D
Acq: 03 Nov 2025 16:22

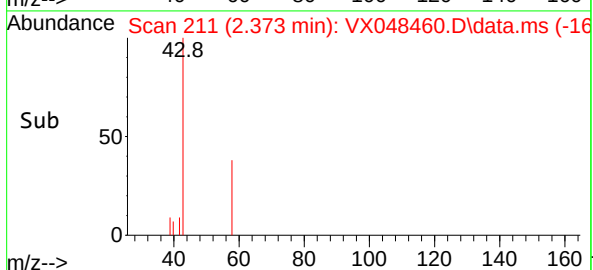
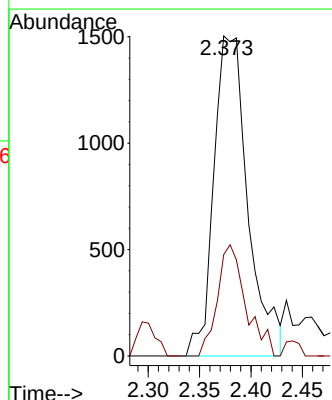
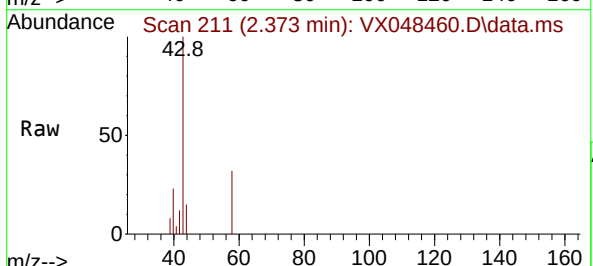
Instrument :
MSVOA_X
ClientSampleId :
Field

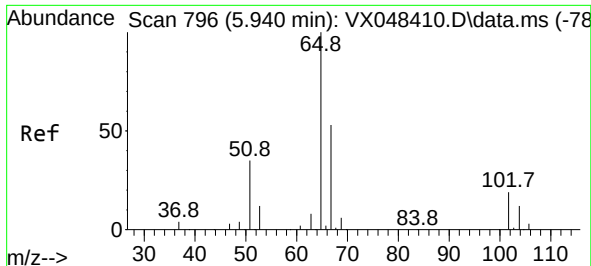
Tgt Ion:168 Resp: 147384
Ion Ratio Lower Upper
168 100
99 60.1 46.4 69.6



#16
Acetone
Concen: 7.240 ug/l
RT: 2.373 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX048460.D
Acq: 03 Nov 2025 16:22

Tgt Ion: 43 Resp: 3478
Ion Ratio Lower Upper
43 100
58 31.7 23.4 35.2





#33

1,2-Dichloroethane-d4

Concen: 51.001 ug/l

RT: 5.940 min Scan# 796

Delta R.T. 0.000 min

Lab File: VX048460.D

Acq: 03 Nov 2025 16:22

Instrument :

MSVOA_X

ClientSampleId :

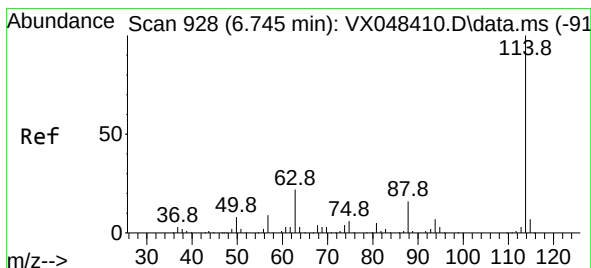
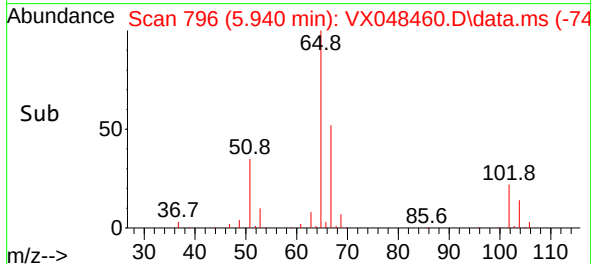
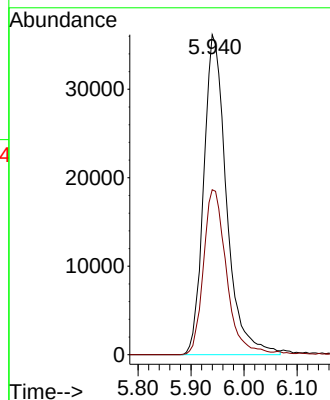
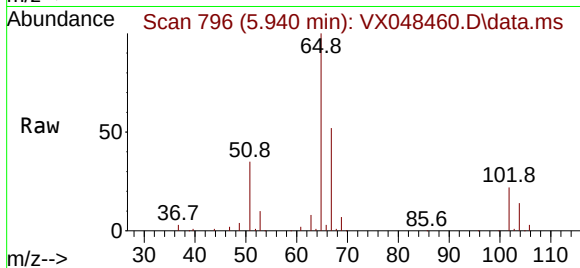
Field

Tgt Ion: 65 Resp: 108102

Ion Ratio Lower Upper

65 100

67 51.8 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. 0.006 min

Lab File: VX048460.D

Acq: 03 Nov 2025 16:22

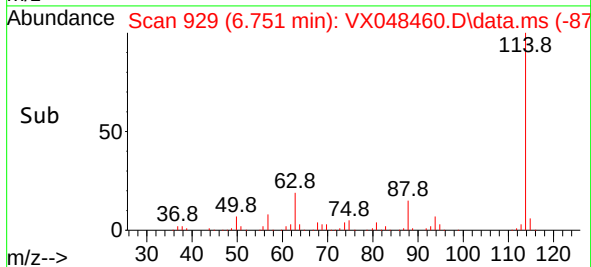
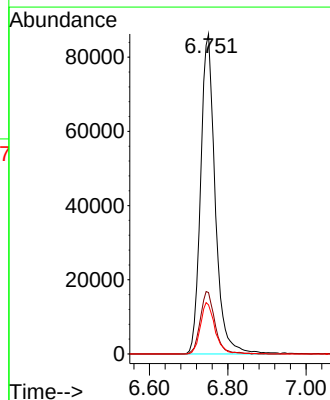
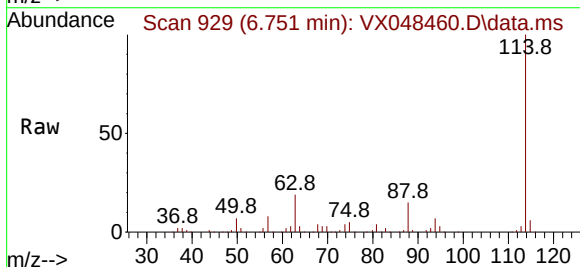
Tgt Ion: 114 Resp: 222925

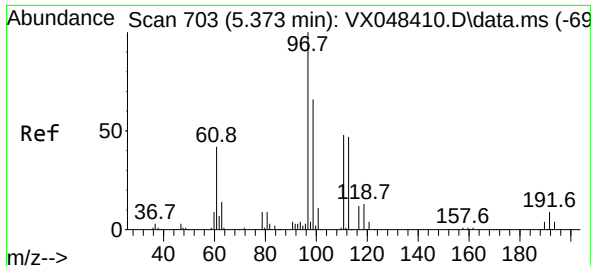
Ion Ratio Lower Upper

114 100

63 19.2 0.0 43.2

88 15.4 0.0 33.6

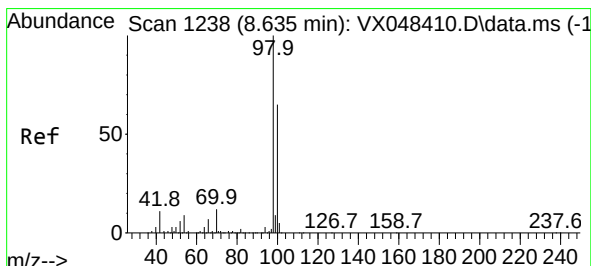
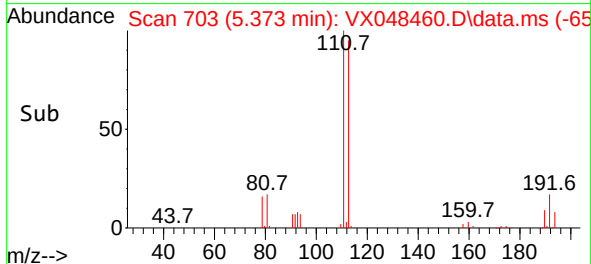
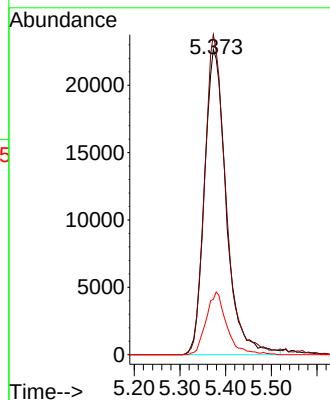
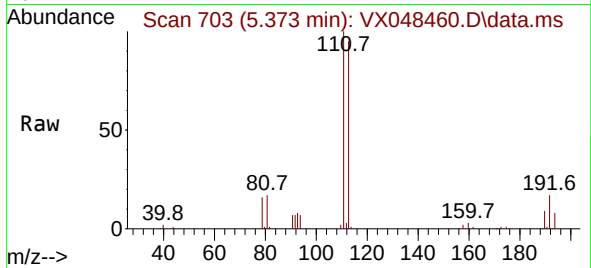




#35
Dibromofluoromethane
Concen: 59.123 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX048460.D
Acq: 03 Nov 2025 16:22

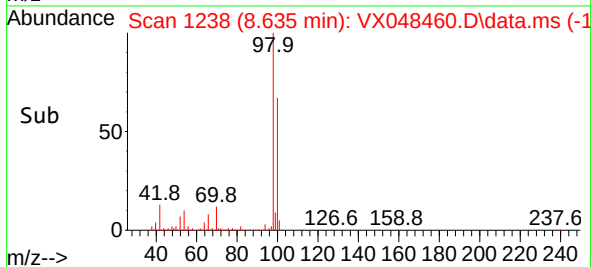
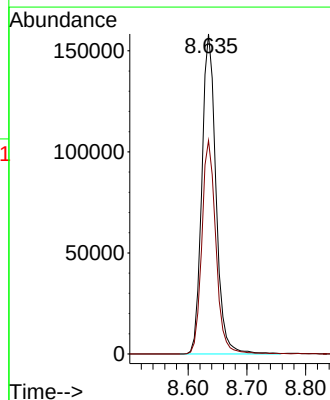
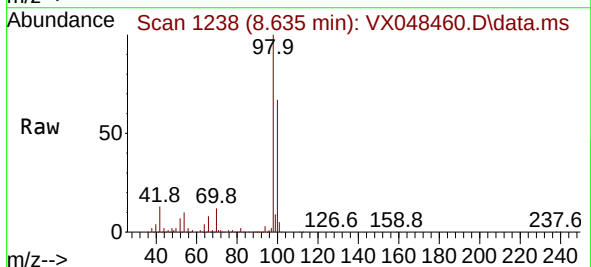
Instrument :
MSVOA_X
ClientSampleId :
Field

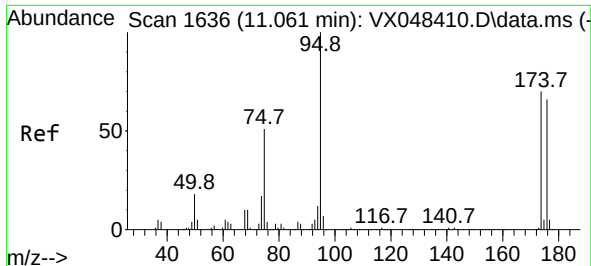
Tgt Ion:113 Resp: 75144
Ion Ratio Lower Upper
113 100
111 101.6 82.2 123.4
192 19.3 15.1 22.7



#50
Toluene-d8
Concen: 47.133 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VX048460.D
Acq: 03 Nov 2025 16:22

Tgt Ion: 98 Resp: 264437
Ion Ratio Lower Upper
98 100
100 66.4 53.0 79.4





#62

4-Bromofluorobenzene

Concen: 51.091 ug/l

RT: 11.061 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX048460.D

Acq: 03 Nov 2025 16:22

Instrument :

MSVOA_X

ClientSampleId :

Field

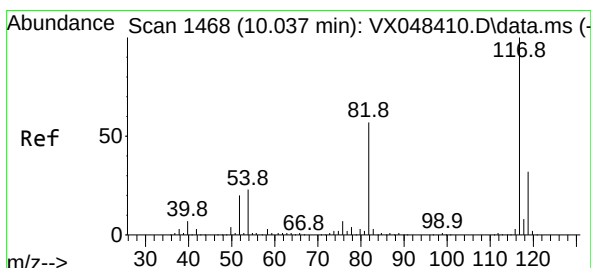
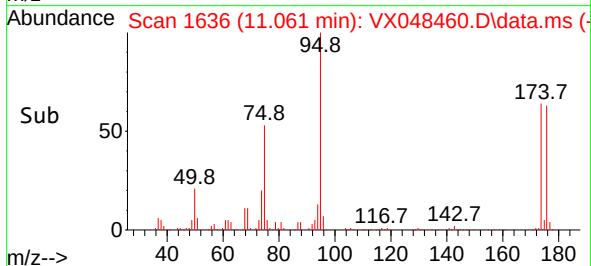
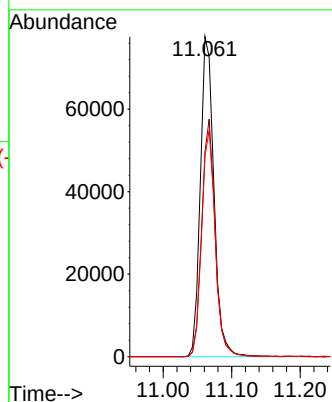
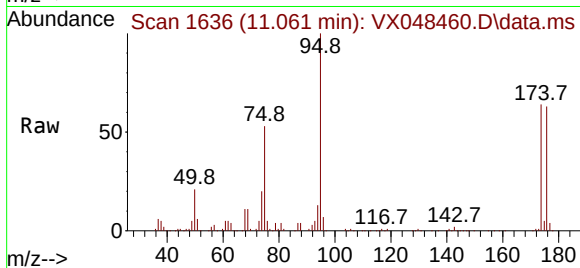
Tgt Ion: 95 Resp: 107228

Ion Ratio Lower Upper

95 100

174 73.2 0.0 147.8

176 71.0 0.0 142.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.037 min Scan# 1468

Delta R.T. 0.000 min

Lab File: VX048460.D

Acq: 03 Nov 2025 16:22

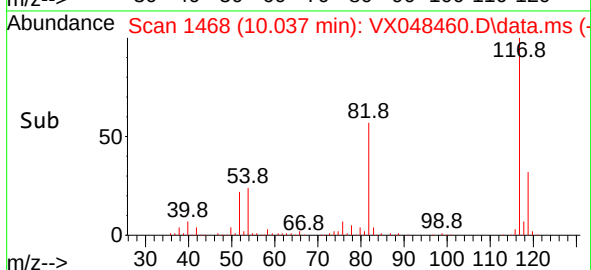
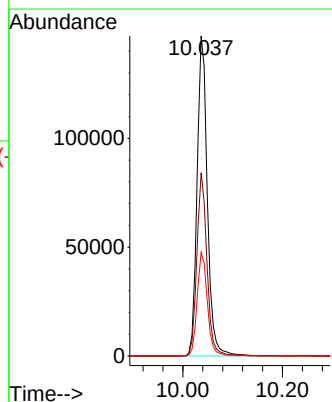
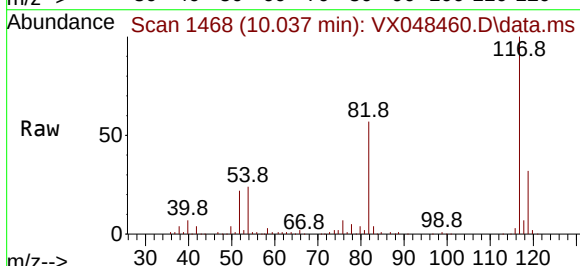
Tgt Ion: 117 Resp: 210225

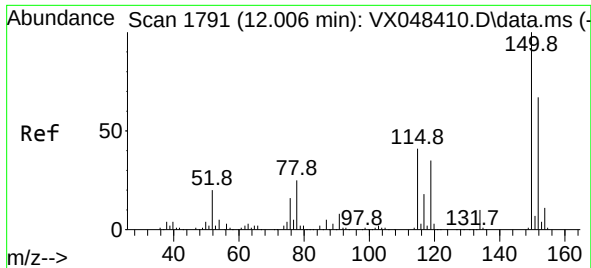
Ion Ratio Lower Upper

117 100

82 57.3 46.5 69.7

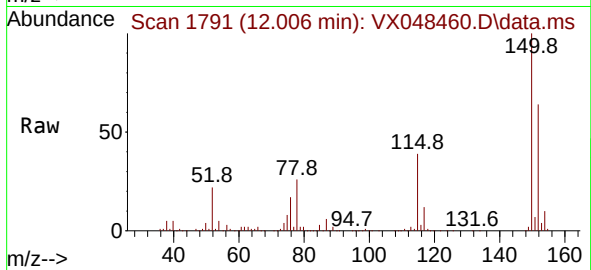
119 32.4 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX048460.D
 Acq: 03 Nov 2025 16:22

Instrument :
 MSVOA_X
 ClientSampleId :
 Field



Tgt Ion:152 Resp: 103668
 Ion Ratio Lower Upper
 152 100
 115 62.9 43.1 129.4
 150 157.6 0.0 353.0

