

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102825\
 Data File : VX048387.D
 Acq On : 28 Oct 2025 10:50
 Operator : JC/MD
 Sample : PB170262TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB170262TB

Quant Time: Oct 29 01:16:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

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

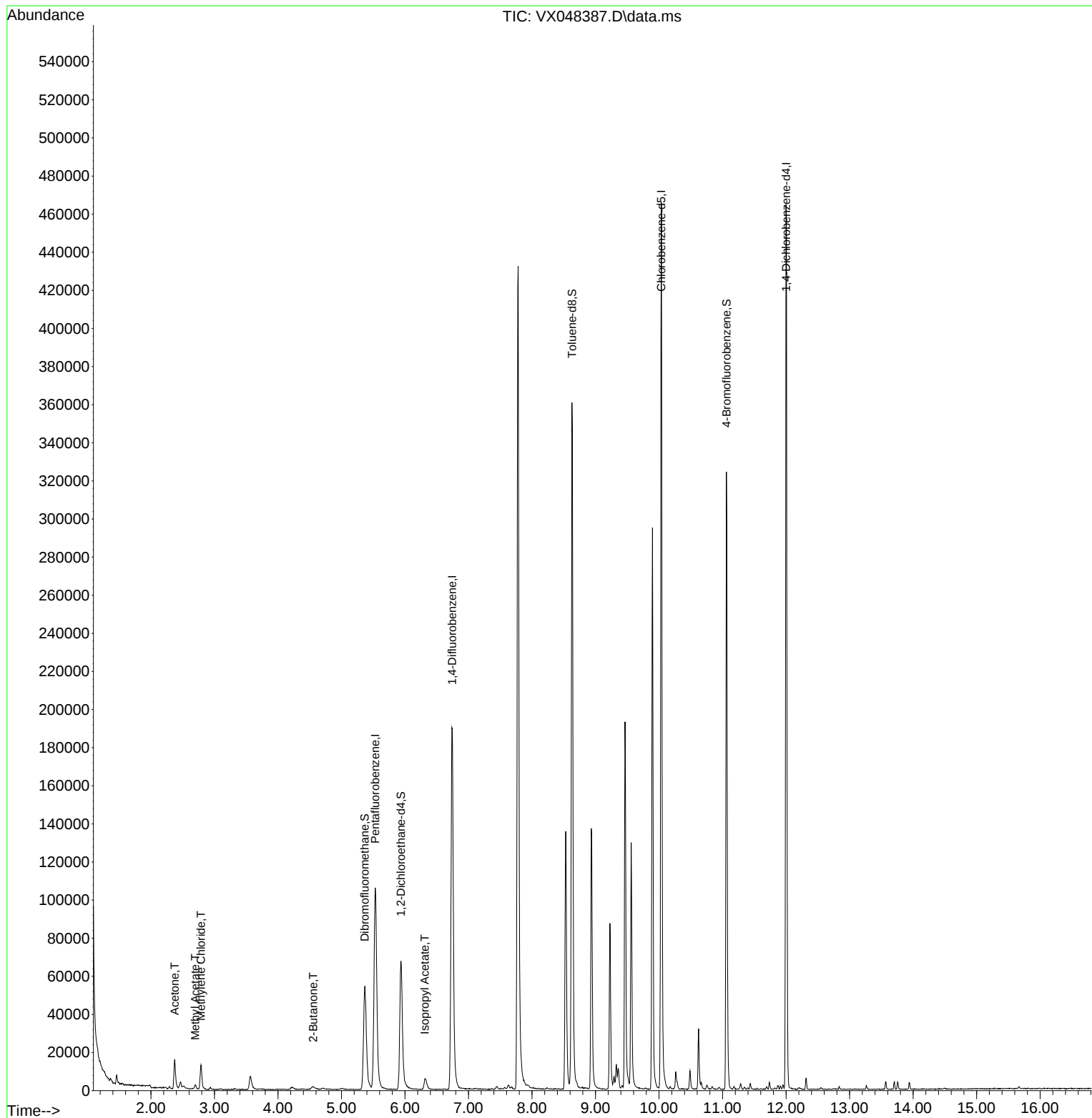
Internal Standards						
1) Pentafluorobenzene	5.532	168	106082	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.745	114	209520	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	209248	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.000	152	100034	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	75699	50.895	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.800%
35) Dibromofluoromethane	5.367	113	52978	37.038	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	74.080%#
50) Toluene-d8	8.629	98	225740	45.025	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.060%#
62) 4-Bromofluorobenzene	11.061	95	92225	48.353	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.700%
Target Compounds						
						Qvalue
16) Acetone	2.374	43	20828	40.820	ug/l	96
18) Methyl Acetate	2.697	43	3511	3.295	ug/l	97
20) Methylene Chloride	2.788	84	6413	5.158	ug/l	89
25) 2-Butanone	4.556	43	3399m	5.263	ug/l	
43) Isopropyl Acetate	6.312	43	9348	3.377	ug/l #	96

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102825\
Data File : VX048387.D
Acq On : 28 Oct 2025 10:50
Operator : JC/MD
Sample : PB170262TB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB170262TB

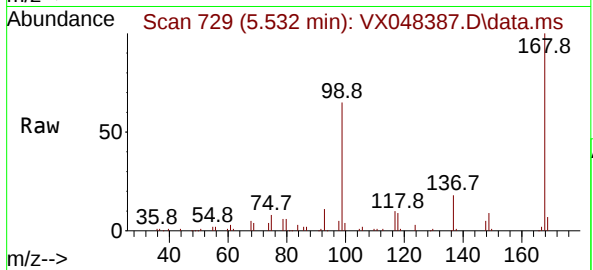
Quant Time: Oct 29 01:16:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration



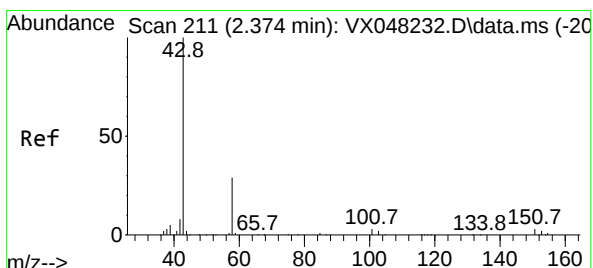
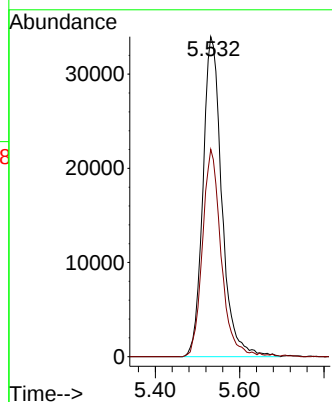
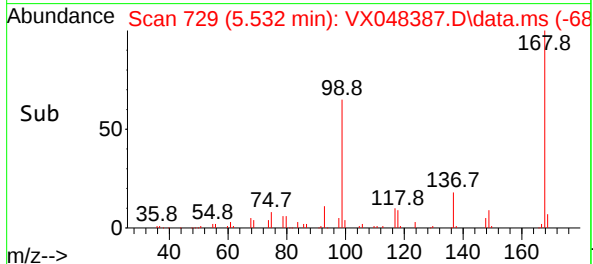


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 71
Delta R.T. -0.012 min
Lab File: VX048387.D
Acq: 28 Oct 2025 10:50

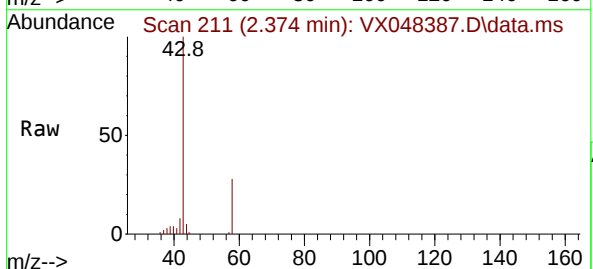
Instrument :
MSVOA_X
ClientSampleId :
PB170262TB



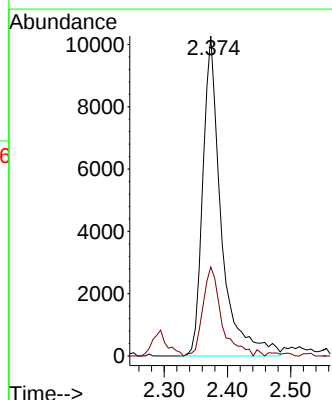
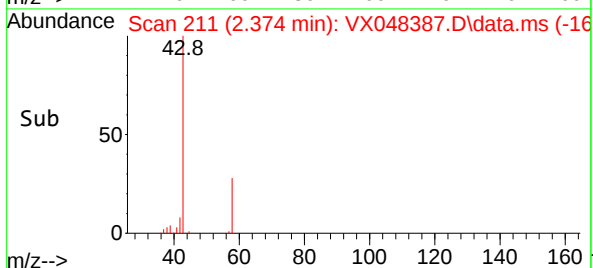
Tgt Ion:168 Resp: 106082
Ion Ratio Lower Upper
168 100
99 64.8 46.4 69.6

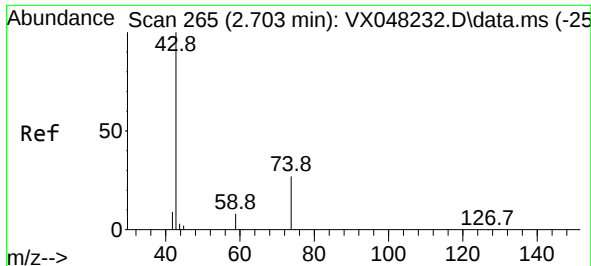


#16
Acetone
Concen: 40.820 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048387.D
Acq: 28 Oct 2025 10:50



Tgt Ion: 43 Resp: 20828
Ion Ratio Lower Upper
43 100
58 27.3 23.4 35.2

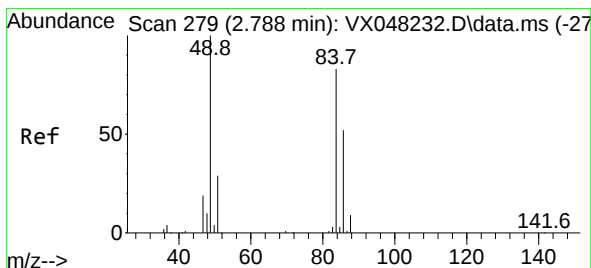
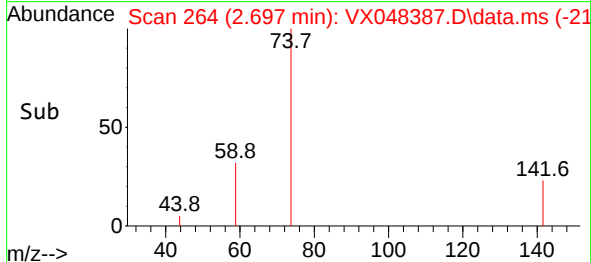
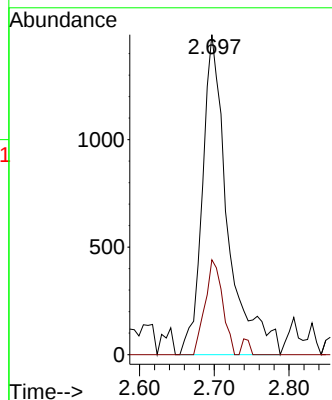
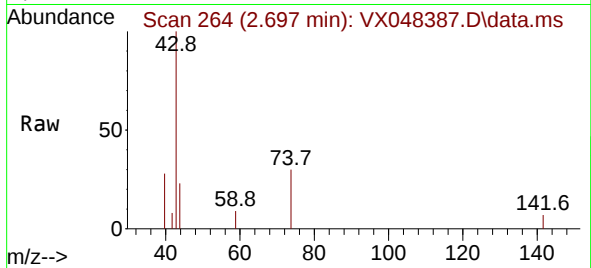




#18
Methyl Acetate
Concen: 3.295 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.000 min
Lab File: VX048387.D
Acq: 28 Oct 2025 10:50

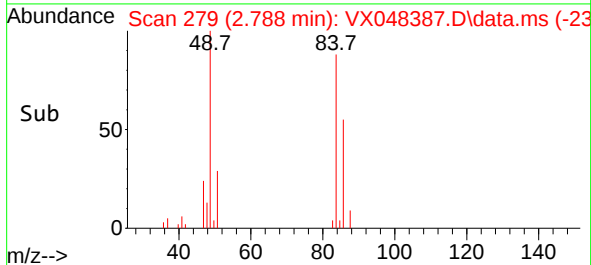
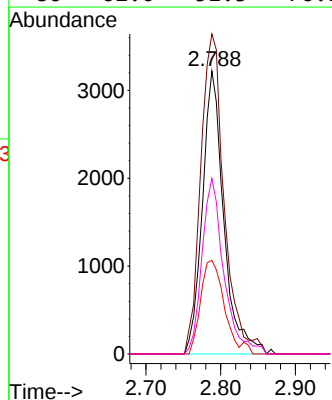
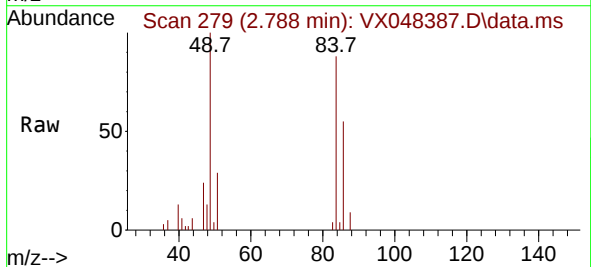
Instrument :
MSVOA_X
ClientSampleId :
PB170262TB

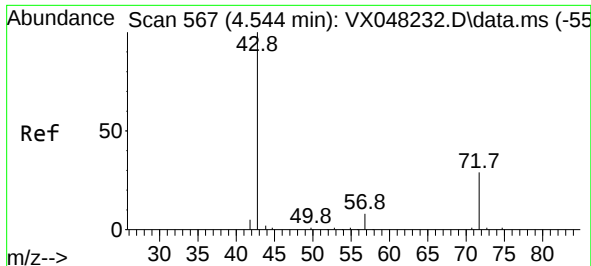
Tgt Ion: 43 Resp: 3511
Ion Ratio Lower Upper
43 100
74 20.4 17.5 26.3



#20
Methylene Chloride
Concen: 5.158 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048387.D
Acq: 28 Oct 2025 10:50

Tgt Ion: 84 Resp: 6413
Ion Ratio Lower Upper
84 100
49 113.1 104.1 156.1
51 33.1 31.3 46.9
86 62.0 51.3 76.9

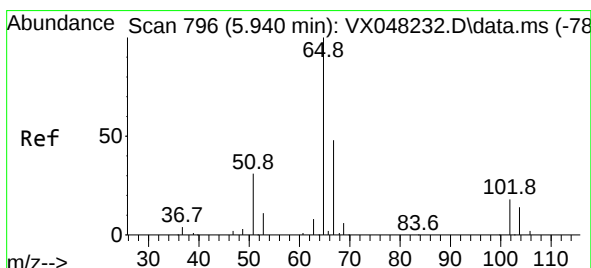
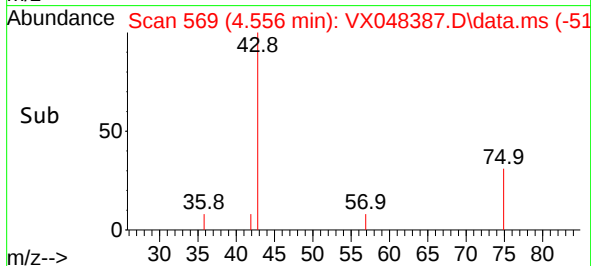
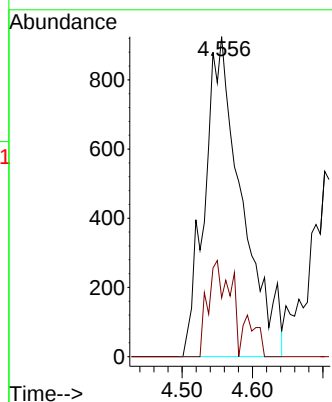
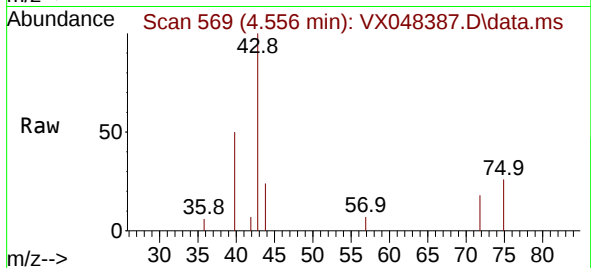




#25
2-Butanone
Concen: 5.263 ug/l m
RT: 4.556 min Scan# 5
Delta R.T. 0.018 min
Lab File: VX048387.D
Acq: 28 Oct 2025 10:50

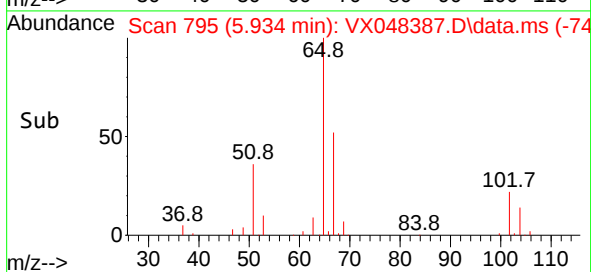
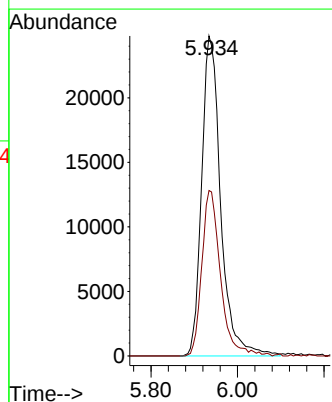
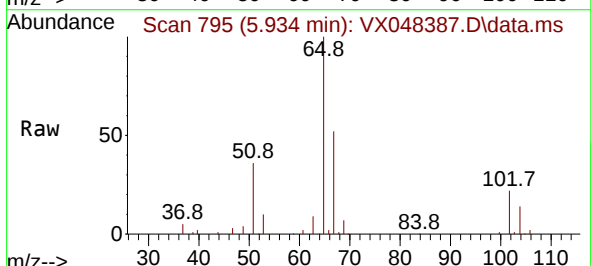
Instrument :
MSVOA_X
ClientSampleId :
PB170262TB

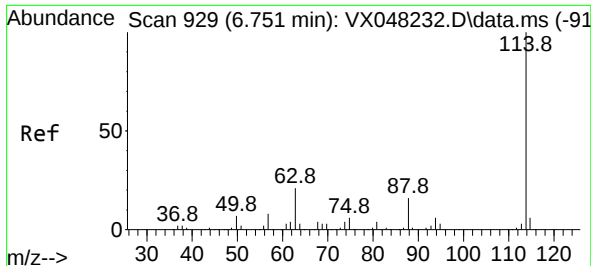
Tgt Ion: 43 Resp: 3399
Ion Ratio Lower Upper
43 100
72 18.4 19.9 29.9#



#33
1,2-Dichloroethane-d4
Concen: 50.895 ug/l
RT: 5.934 min Scan# 795
Delta R.T. -0.006 min
Lab File: VX048387.D
Acq: 28 Oct 2025 10:50

Tgt Ion: 65 Resp: 75699
Ion Ratio Lower Upper
65 100
67 50.8 0.0 105.0

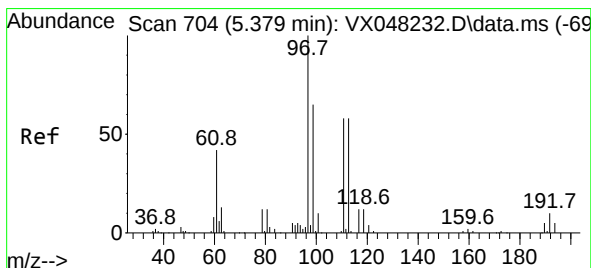
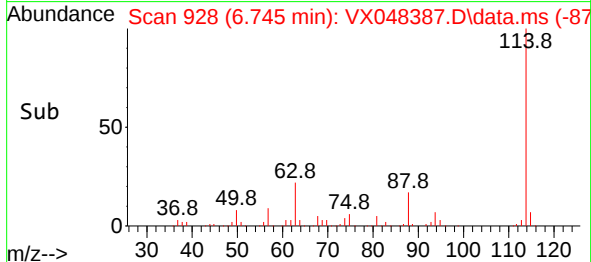
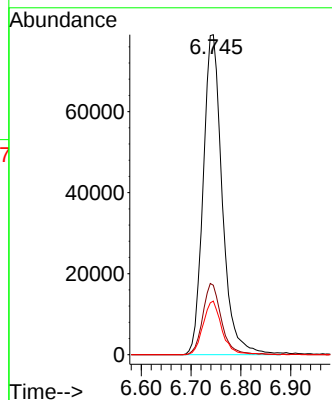
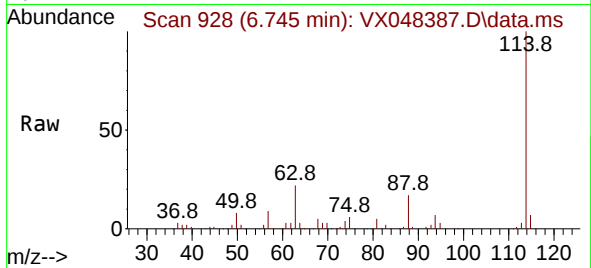




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX048387.D
Acq: 28 Oct 2025 10:50

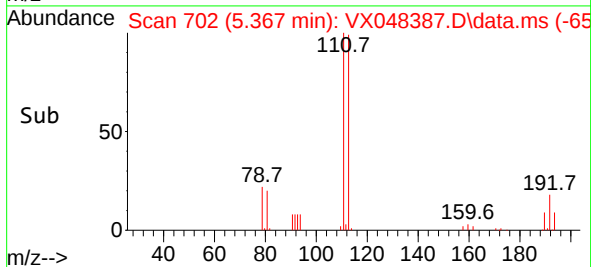
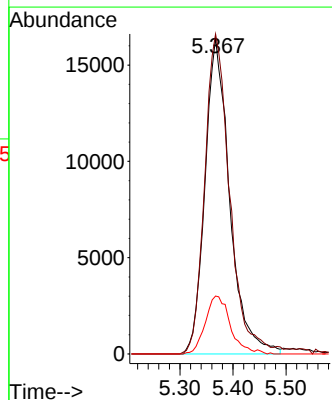
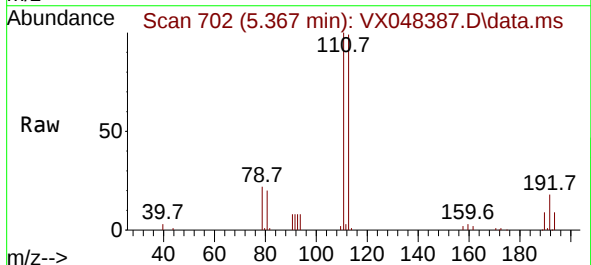
Instrument :
MSVOA_X
ClientSampleId :
PB170262TB

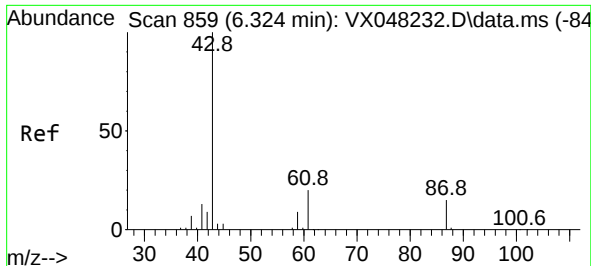
Tgt Ion:114 Resp: 209520
Ion Ratio Lower Upper
114 100
63 21.7 0.0 43.2
88 16.8 0.0 33.6



#35
Dibromofluoromethane
Concen: 37.038 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX048387.D
Acq: 28 Oct 2025 10:50

Tgt Ion:113 Resp: 52978
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.4
192 18.7 15.1 22.7

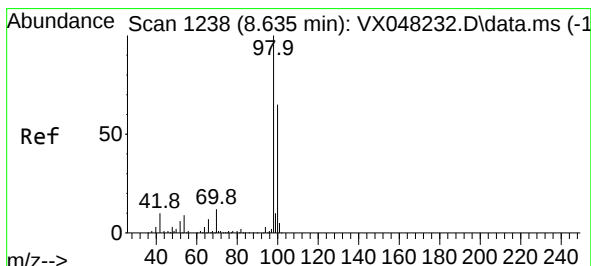
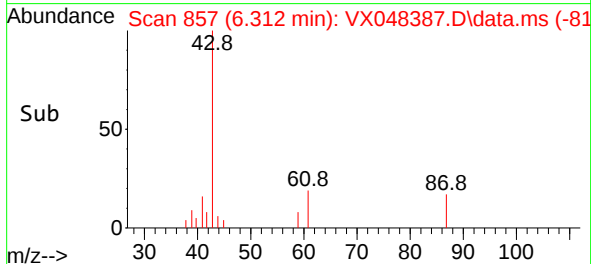
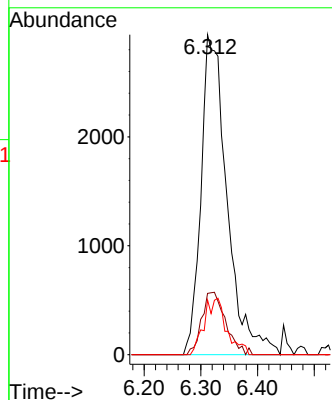
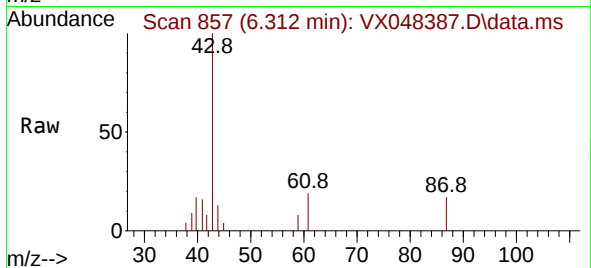




#43
Isopropyl Acetate
Concen: 3.377 ug/l
RT: 6.312 min Scan# 81
Delta R.T. -0.012 min
Lab File: VX048387.D
Acq: 28 Oct 2025 10:50

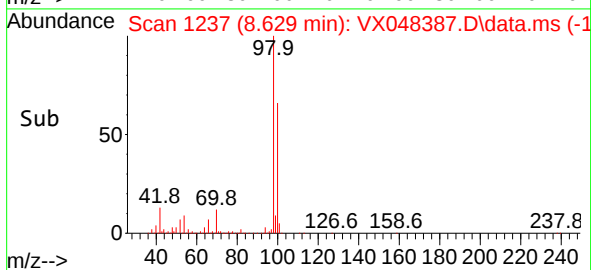
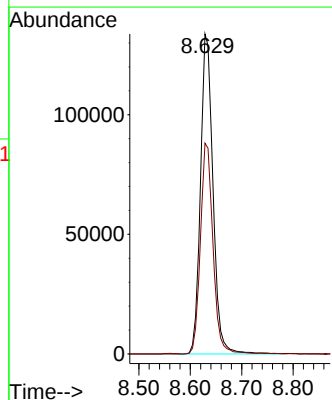
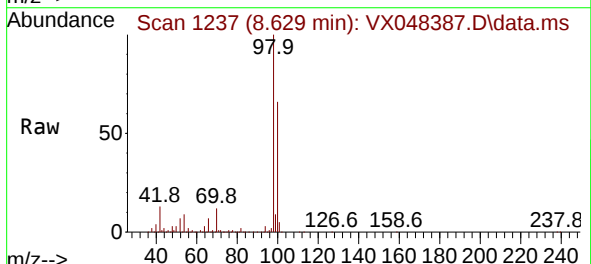
Instrument :
MSVOA_X
ClientSampleId :
PB170262TB

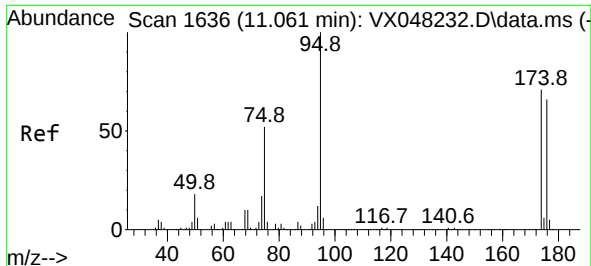
Tgt Ion: 43 Resp: 9348
Ion Ratio Lower Upper
43 100
61 18.0 14.9 22.3
87 15.3 9.4 14.2#



#50
Toluene-d8
Concen: 45.025 ug/l
RT: 8.629 min Scan# 1237
Delta R.T. -0.006 min
Lab File: VX048387.D
Acq: 28 Oct 2025 10:50

Tgt Ion: 98 Resp: 225740
Ion Ratio Lower Upper
98 100
100 66.5 53.0 79.4





#62

4-Bromofluorobenzene

Concen: 48.353 ug/l

RT: 11.061 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX048387.D

Acq: 28 Oct 2025 10:50

Instrument :

MSVOA_X

ClientSampleId :

PB170262TB

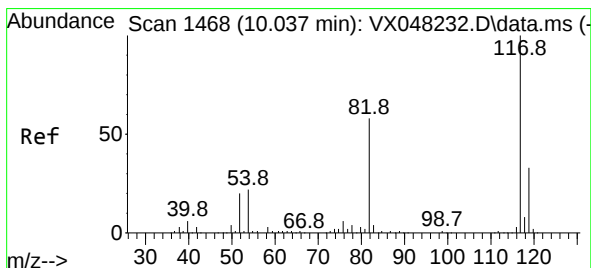
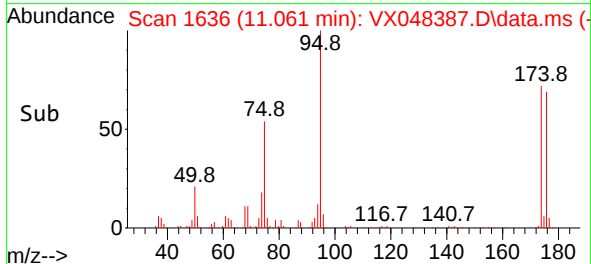
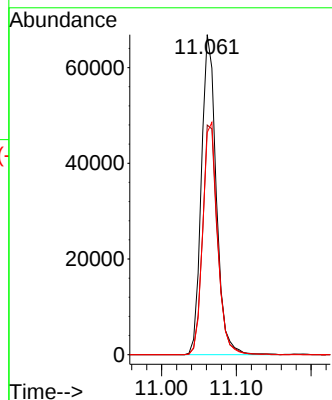
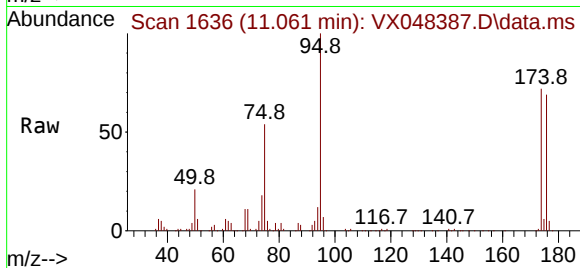
Tgt Ion: 95 Resp: 92225

Ion Ratio Lower Upper

95 100

174 72.1 0.0 147.8

176 72.2 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: VX048387.D

Acq: 28 Oct 2025 10:50

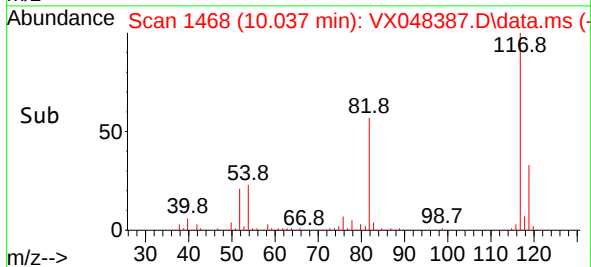
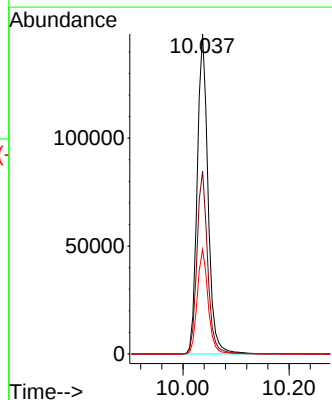
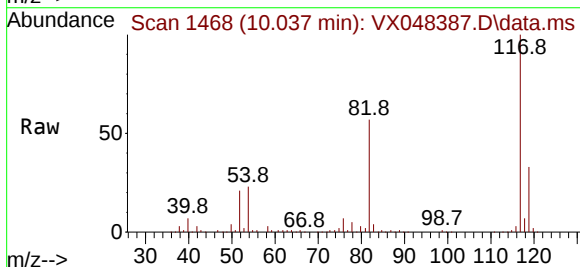
Tgt Ion: 117 Resp: 209248

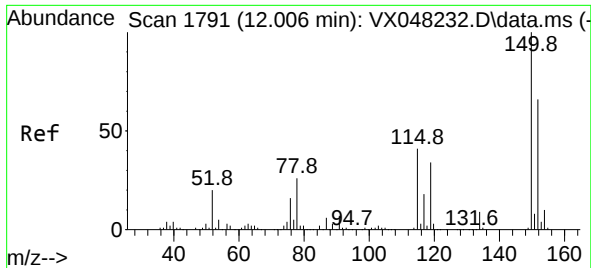
Ion Ratio Lower Upper

117 100

82 57.1 46.5 69.7

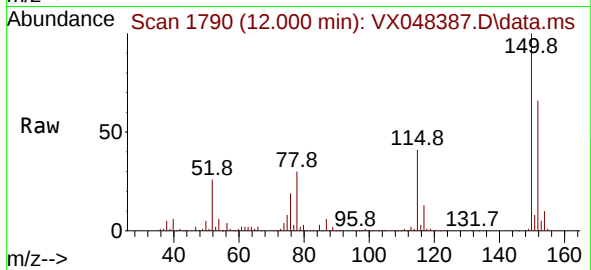
119 32.7 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.000 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX048387.D
 Acq: 28 Oct 2025 10:50

Instrument :
 MSVOA_X
 ClientSampleId :
 PB170262TB



Tgt Ion:152 Resp: 100034
 Ion Ratio Lower Upper
 152 100
 115 62.0 43.1 129.4
 150 154.4 0.0 353.0

