

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061325\
 Data File : VX046687.D
 Acq On : 13 Jun 2025 14:31
 Operator : JC/MD
 Sample : PB168429TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB168429TB

Quant Time: Jun 13 23:29:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 06 16:56:12 2025
 Response via : Initial Calibration

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

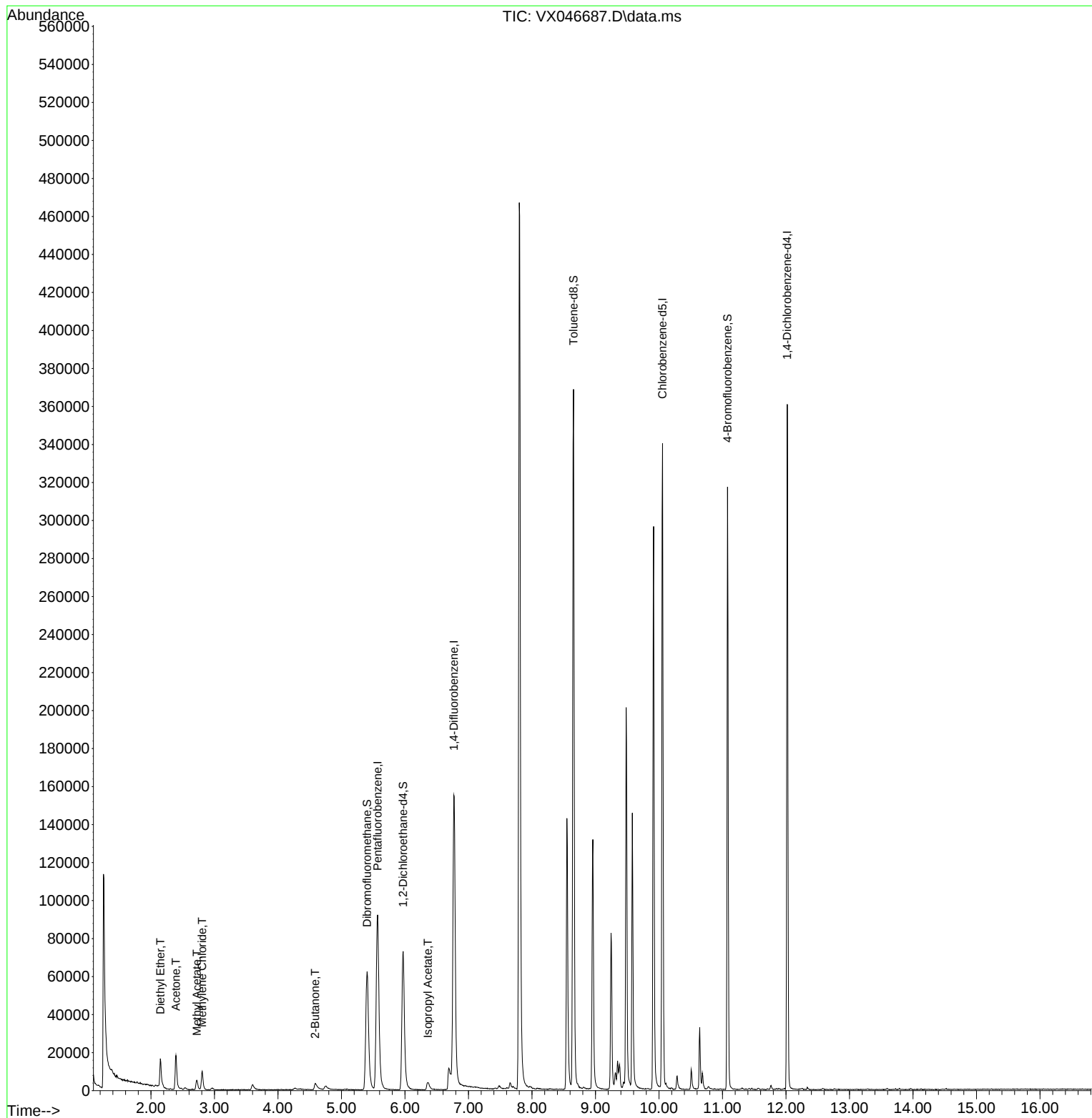
Internal Standards						
1) Pentafluorobenzene	5.568	168	89830	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	157982	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	144535	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	70484	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.971	65	78673	49.227	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.460%
35) Dibromofluoromethane	5.404	113	59183	50.941	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.880%
50) Toluene-d8	8.653	98	217573	56.803	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	113.600%#
62) 4-Bromofluorobenzene	11.079	95	83688	52.808	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	105.620%
Target Compounds						
					Qvalue	
8) Diethyl Ether	2.148	74	5545	8.382	ug/l	94
16) Acetone	2.392	43	23082	40.698	ug/l	91
18) Methyl Acetate	2.721	43	7609	3.997	ug/l	98
20) Methylene Chloride	2.806	84	4488	3.500	ug/l	86
25) 2-Butanone	4.587	43	7935	8.919	ug/l #	86
43) Isopropyl Acetate	6.361	43	6844	2.424	ug/l #	94

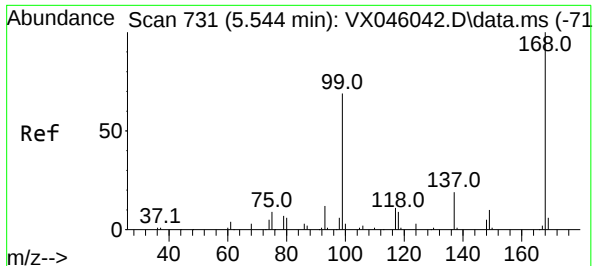
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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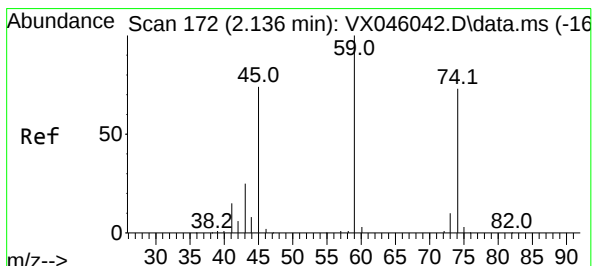
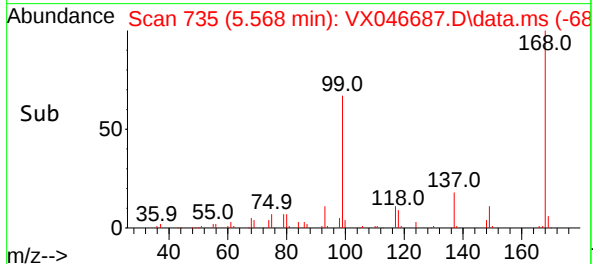
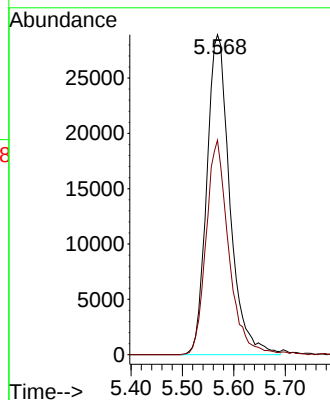
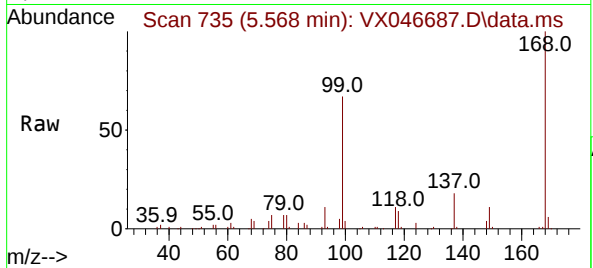




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX046687.D
Acq: 13 Jun 2025 14:31

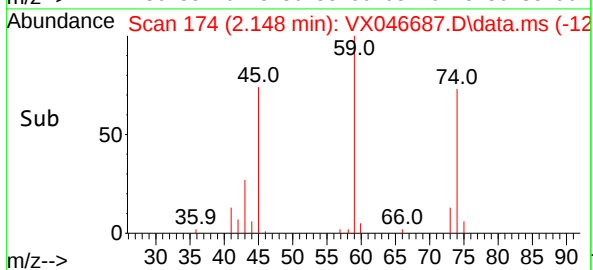
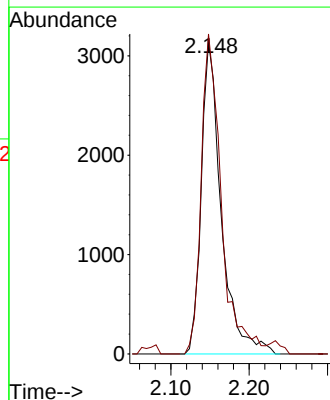
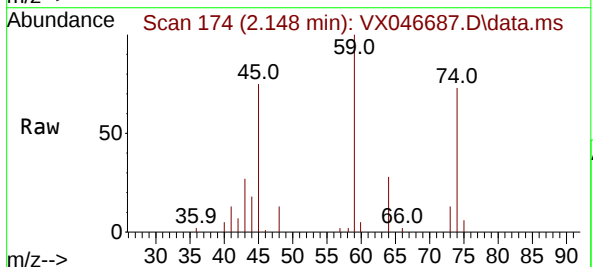
Instrument :
MSVOA_X
ClientSampleId :
PB168429TB

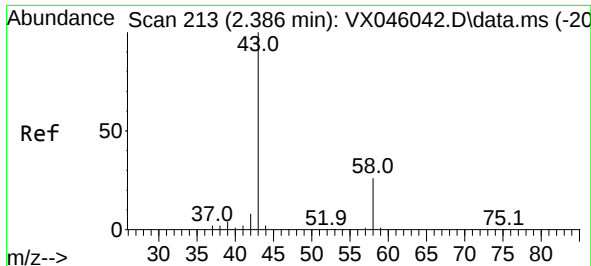
Tgt Ion:168 Resp: 89830
Ion Ratio Lower Upper
168 100
99 67.0 54.9 82.3



#8
Diethyl Ether
Concen: 8.382 ug/l
RT: 2.148 min Scan# 174
Delta R.T. -0.006 min
Lab File: VX046687.D
Acq: 13 Jun 2025 14:31

Tgt Ion: 74 Resp: 5545
Ion Ratio Lower Upper
74 100
45 103.8 54.9 164.8

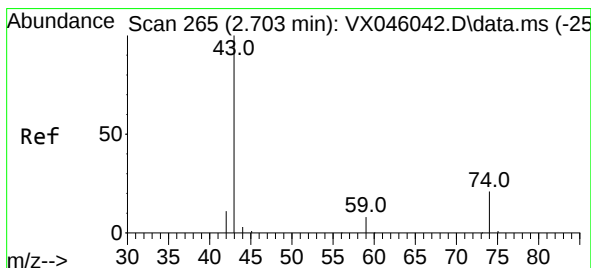
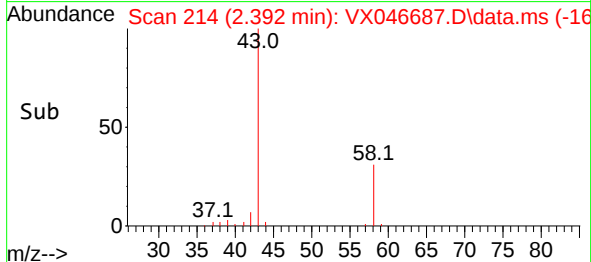
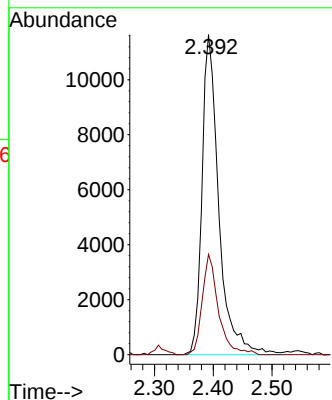
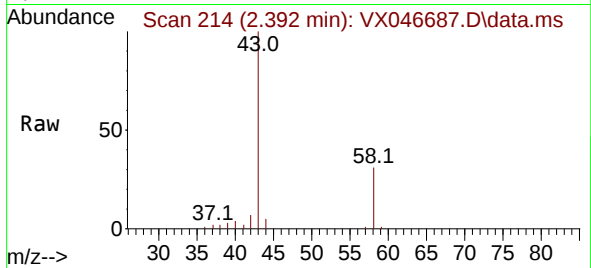




#16
Acetone
Concen: 40.698 ug/l
RT: 2.392 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046687.D
Acq: 13 Jun 2025 14:31

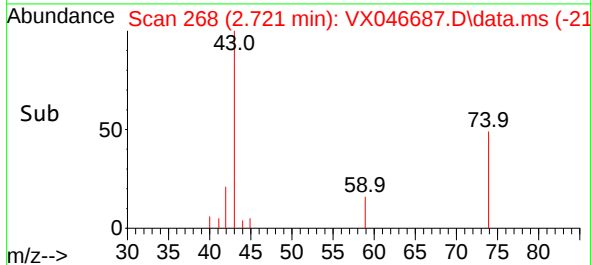
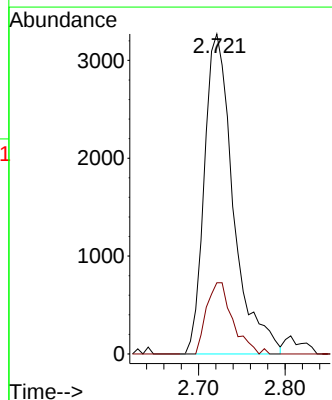
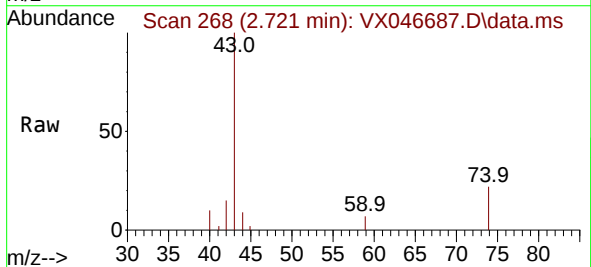
Instrument :
MSVOA_X
ClientSampleId :
PB168429TB

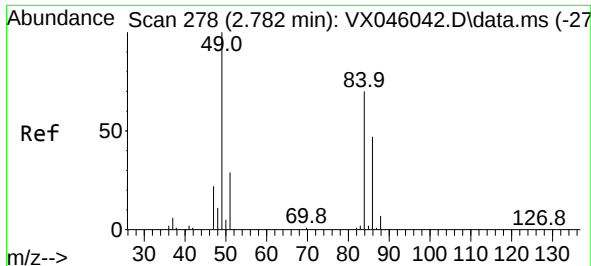
Tgt Ion: 43 Resp: 23082
Ion Ratio Lower Upper
43 100
58 31.4 21.2 31.8



#18
Methyl Acetate
Concen: 3.997 ug/l
RT: 2.721 min Scan# 268
Delta R.T. 0.000 min
Lab File: VX046687.D
Acq: 13 Jun 2025 14:31

Tgt Ion: 43 Resp: 7609
Ion Ratio Lower Upper
43 100
74 20.0 16.7 25.1

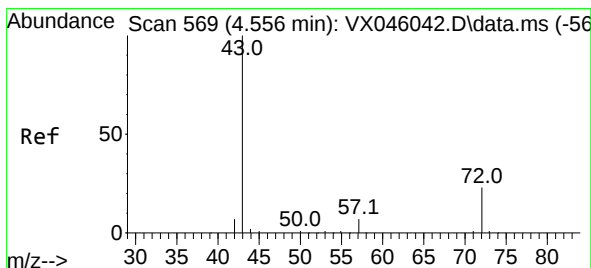
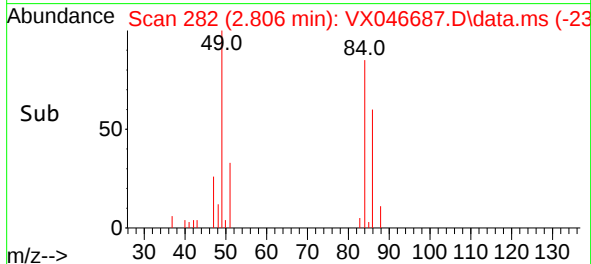
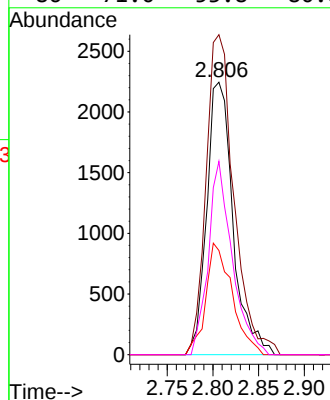
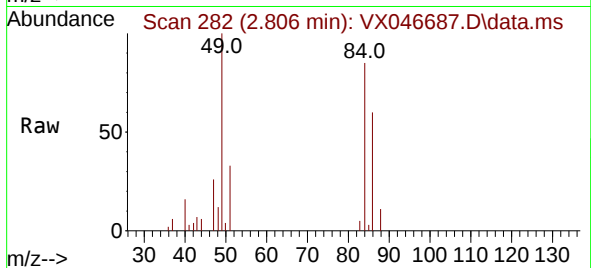




#20
Methylene Chloride
Concen: 3.500 ug/l
RT: 2.806 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX046687.D
Acq: 13 Jun 2025 14:31

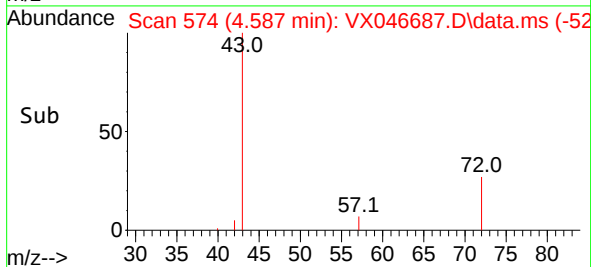
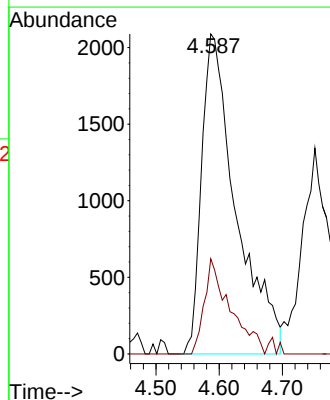
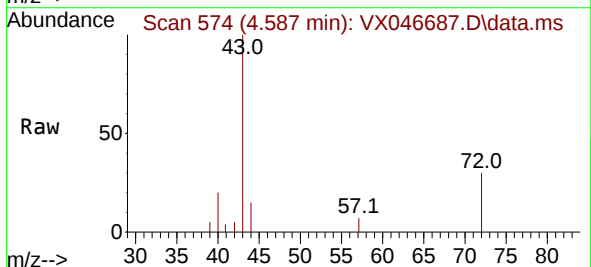
Instrument :
MSVOA_X
ClientSampleId :
PB168429TB

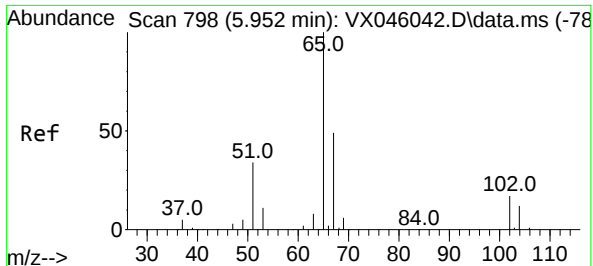
Tgt Ion:	84	Resp:	4488
Ion	Ratio	Lower	Upper
84	100		
49	117.5	113.9	170.9
51	38.3	33.5	50.3
86	71.0	53.8	80.8



#25
2-Butanone
Concen: 8.919 ug/l
RT: 4.587 min Scan# 574
Delta R.T. 0.013 min
Lab File: VX046687.D
Acq: 13 Jun 2025 14:31

Tgt Ion:	43	Resp:	7935
Ion	Ratio	Lower	Upper
43	100		
72	29.7	18.4	27.6





#33

1,2-Dichloroethane-d4

Concen: 49.227 ug/l

RT: 5.971 min Scan# 801

Delta R.T. 0.001 min

Lab File: VX046687.D

Acq: 13 Jun 2025 14:31

Instrument :

MSVOA_X

ClientSampleId :

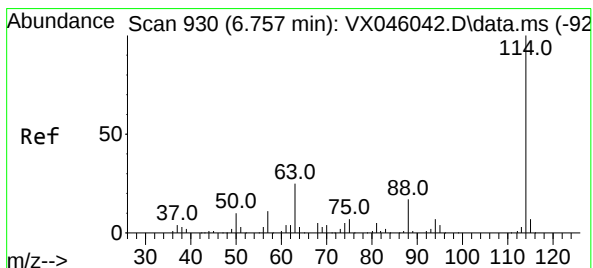
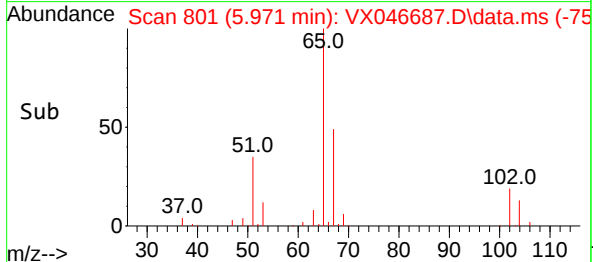
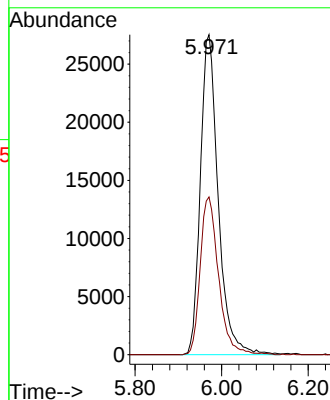
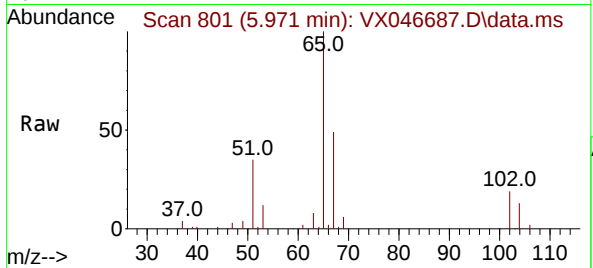
PB168429TB

Tgt Ion: 65 Resp: 78673

Ion Ratio Lower Upper

65 100

67 50.7 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. -0.006 min

Lab File: VX046687.D

Acq: 13 Jun 2025 14:31

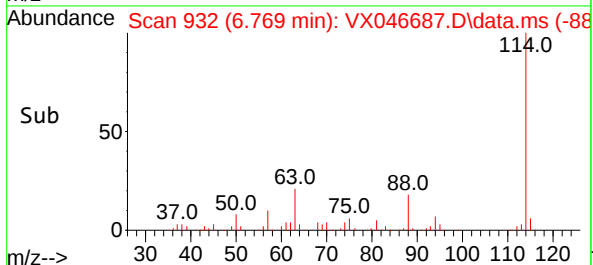
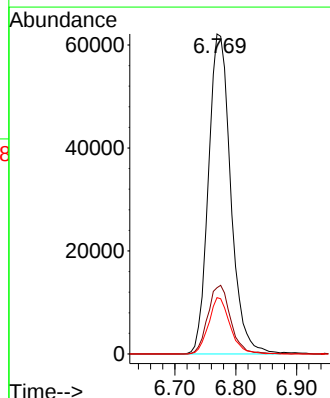
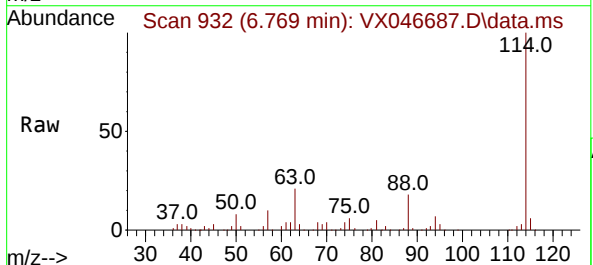
Tgt Ion: 114 Resp: 157982

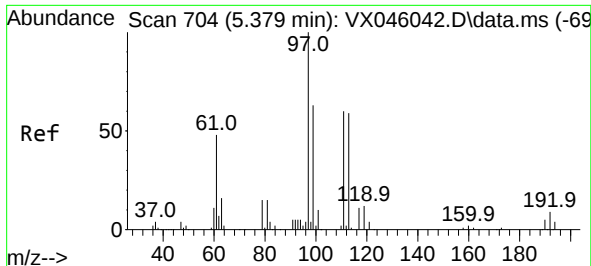
Ion Ratio Lower Upper

114 100

63 20.7 0.0 49.2

88 17.6 0.0 33.6

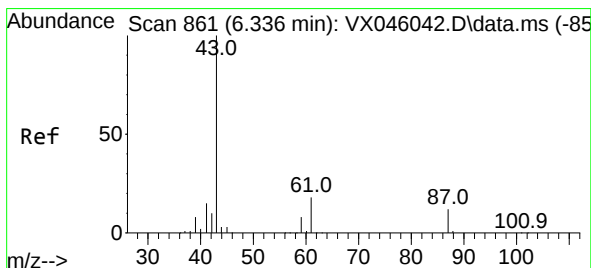
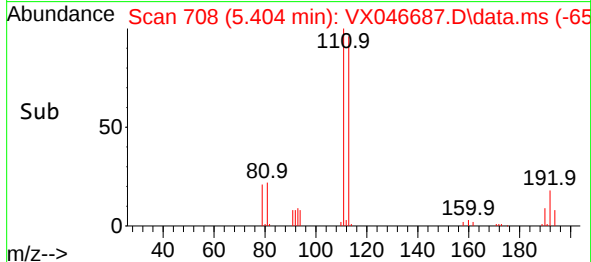
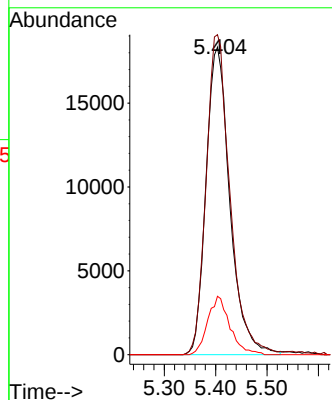
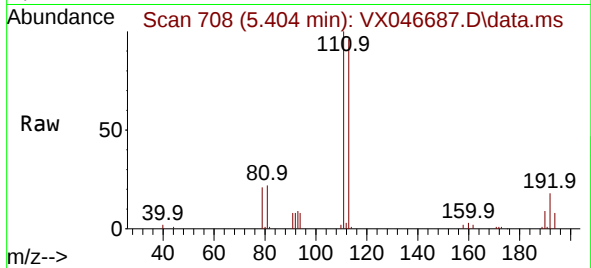




#35
Dibromofluoromethane
Concen: 50.941 ug/l
RT: 5.404 min Scan# 704
Delta R.T. 0.001 min
Lab File: VX046687.D
Acq: 13 Jun 2025 14:31

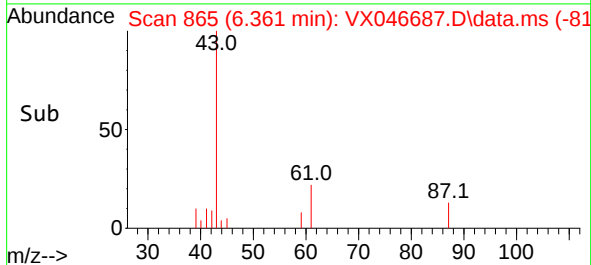
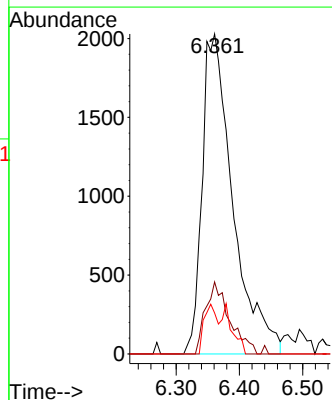
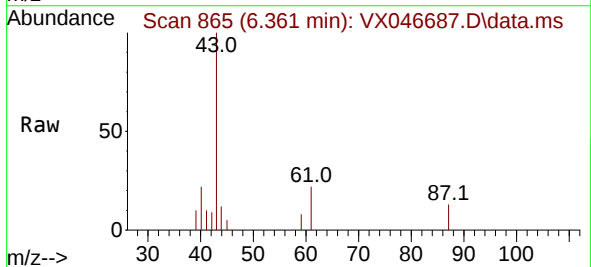
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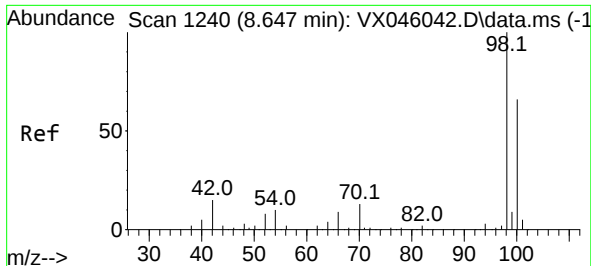
Tgt Ion:113 Resp: 59183
Ion Ratio Lower Upper
113 100
111 103.7 83.1 124.7
192 17.7 13.3 19.9



#43
Isopropyl Acetate
Concen: 2.424 ug/l
RT: 6.361 min Scan# 865
Delta R.T. 0.007 min
Lab File: VX046687.D
Acq: 13 Jun 2025 14:31

Tgt Ion: 43 Resp: 6844
Ion Ratio Lower Upper
43 100
61 17.7 14.3 21.5
87 6.6 9.5 14.3#

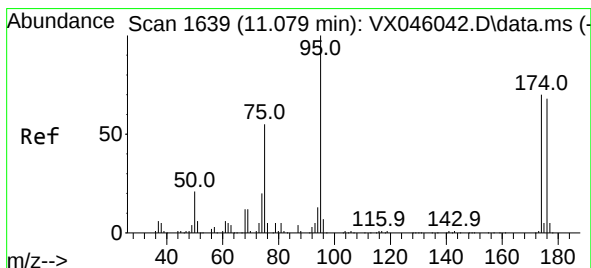
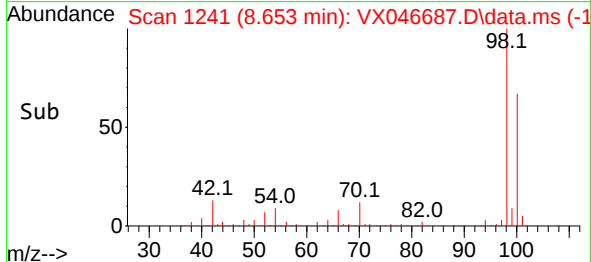
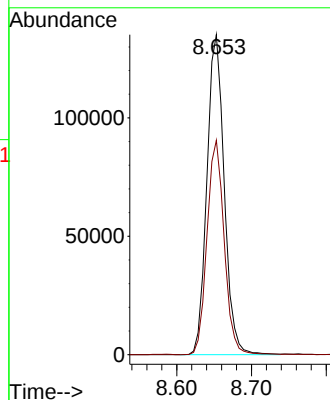
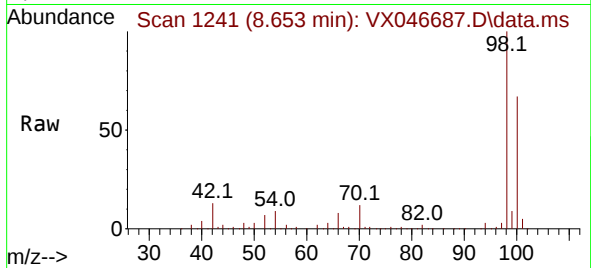




#50
Toluene-d8
Concen: 56.803 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046687.D
Acq: 13 Jun 2025 14:31

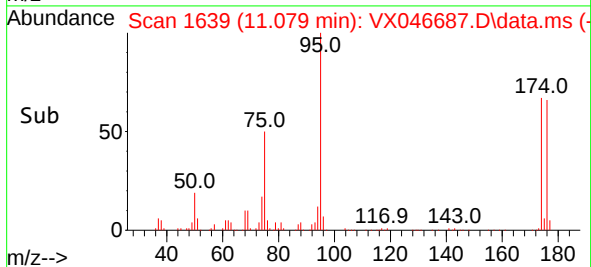
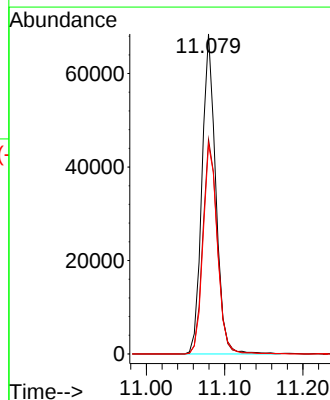
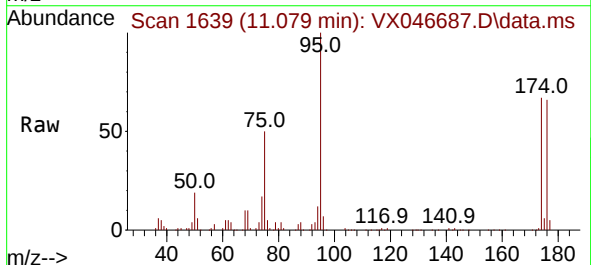
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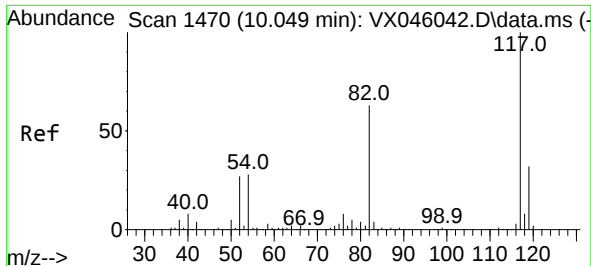
Tgt Ion: 98 Resp: 217573
Ion Ratio Lower Upper
98 100
100 66.6 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 52.808 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046687.D
Acq: 13 Jun 2025 14:31

Tgt Ion: 95 Resp: 83688
Ion Ratio Lower Upper
95 100
174 70.2 0.0 135.8
176 68.0 0.0 131.4

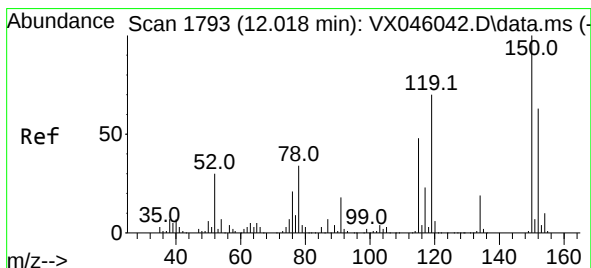
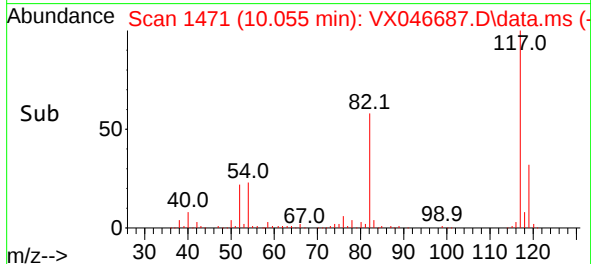
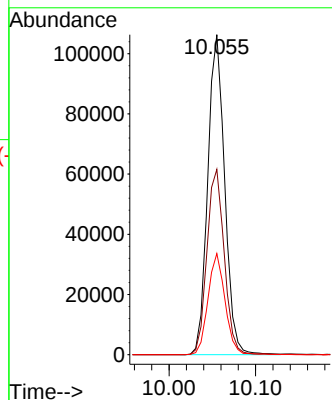
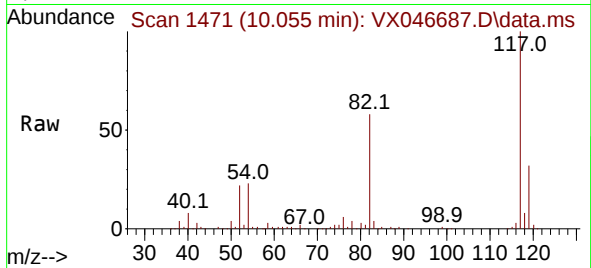




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX046687.D
Acq: 13 Jun 2025 14:31

Instrument :
MSVOA_X
ClientSampleId :
PB168429TB

Tgt Ion:117 Resp: 144535
Ion Ratio Lower Upper
117 100
82 57.9 50.6 76.0
119 31.6 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX046687.D
Acq: 13 Jun 2025 14:31

Tgt Ion:152 Resp: 70484
Ion Ratio Lower Upper
152 100
115 65.0 46.9 140.7
150 158.1 0.0 351.0

