

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052225\
 Data File : VX046318.D
 Acq On : 22 May 2025 10:50
 Operator : JC/MD
 Sample : PB168116TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB168116TB

Quant Time: May 23 01:43:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

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

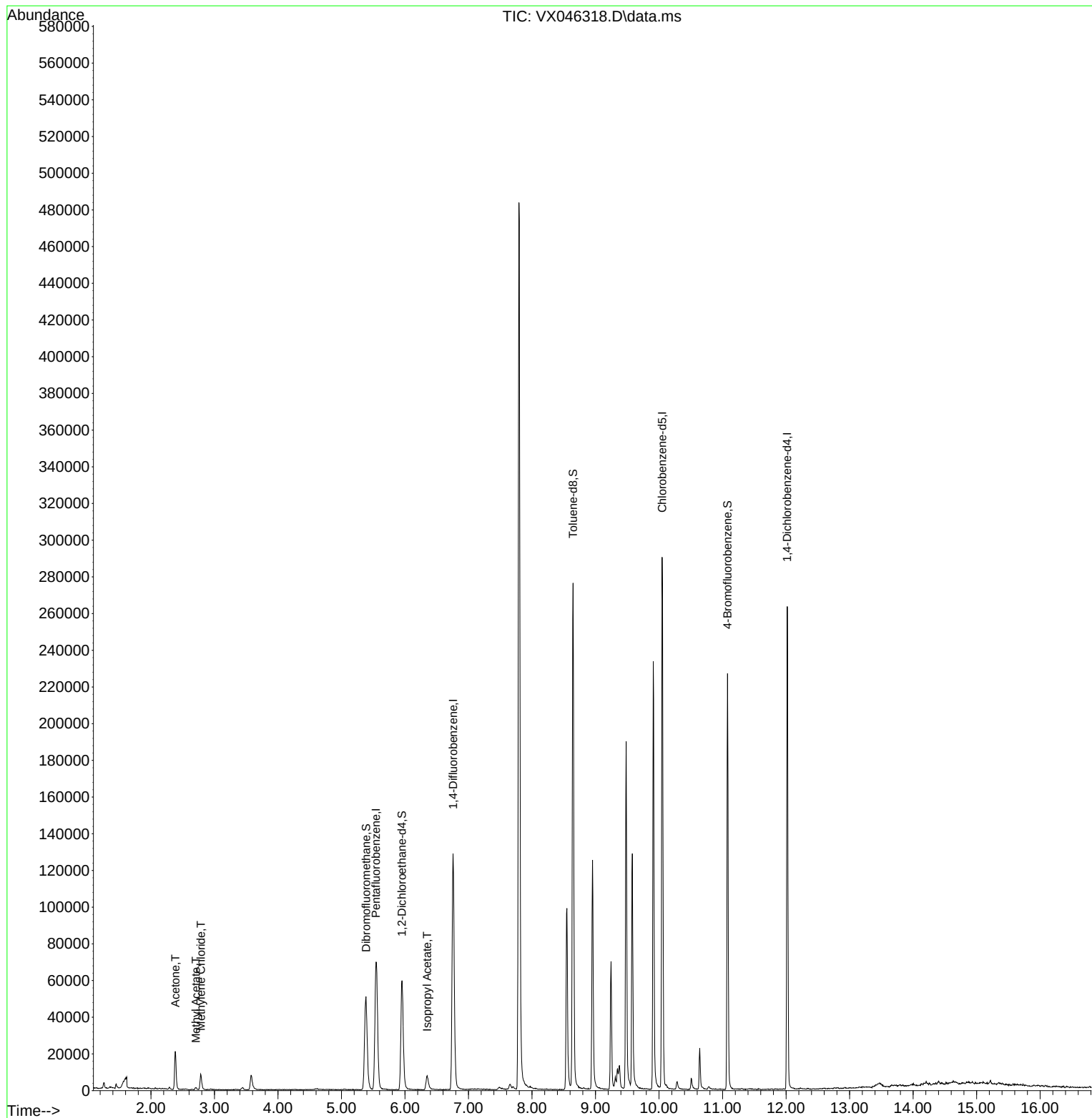
Internal Standards						
1) Pentafluorobenzene	5.544	168	60754	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	121310	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	117649	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	48195	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	61378	54.190	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.380%	
35) Dibromofluoromethane	5.385	113	44102	50.485	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.980%	
50) Toluene-d8	8.647	98	156431	51.738	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.480%	
62) 4-Bromofluorobenzene	11.079	95	60251	51.951	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 103.900%	
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	23764	52.328	ug/l	99
18) Methyl Acetate	2.709	43	1687	1.601	ug/l #	90
20) Methylene Chloride	2.788	84	3836	4.408	ug/l #	85
43) Isopropyl Acetate	6.348	43	11172	5.050	ug/l	98

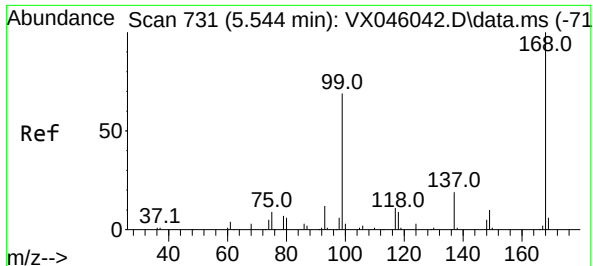
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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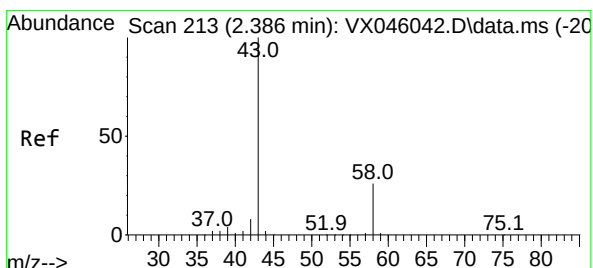
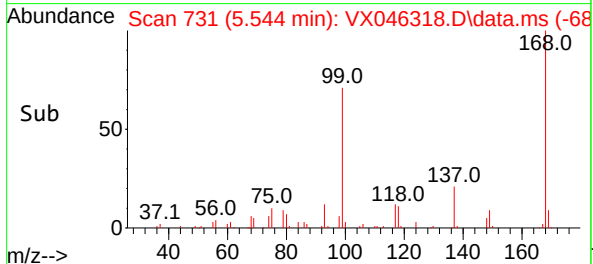
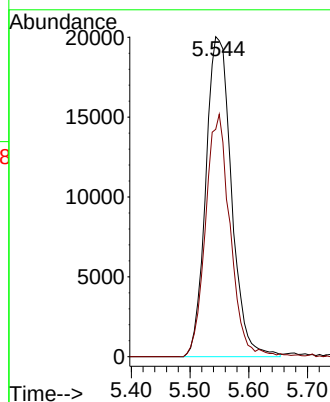
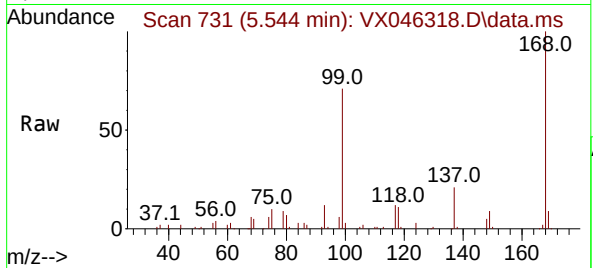




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046318.D
Acq: 22 May 2025 10:50

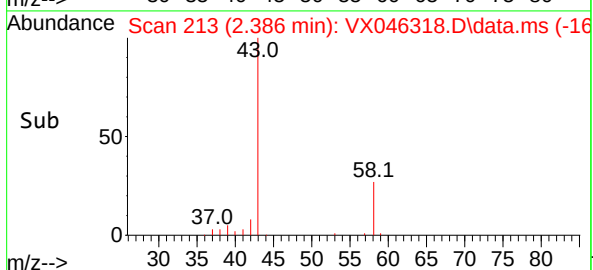
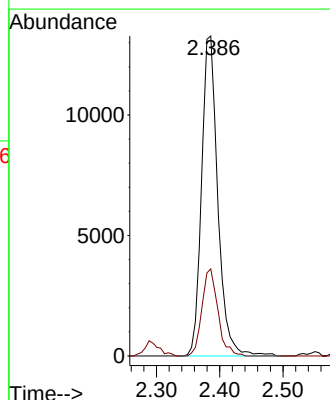
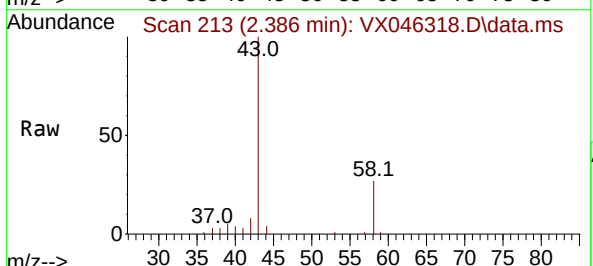
Instrument :
MSVOA_X
ClientSampleId :
PB168116TB

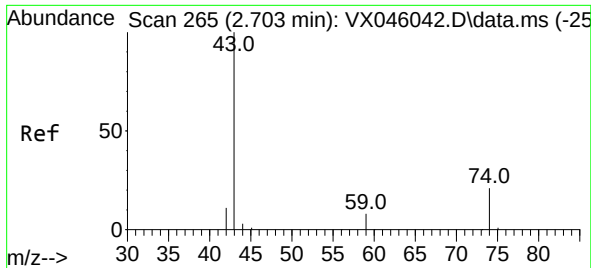
Tgt Ion:168 Resp: 60754
Ion Ratio Lower Upper
168 100
99 71.0 54.9 82.3



#16
Acetone
Concen: 52.328 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX046318.D
Acq: 22 May 2025 10:50

Tgt Ion: 43 Resp: 23764
Ion Ratio Lower Upper
43 100
58 27.2 21.2 31.8

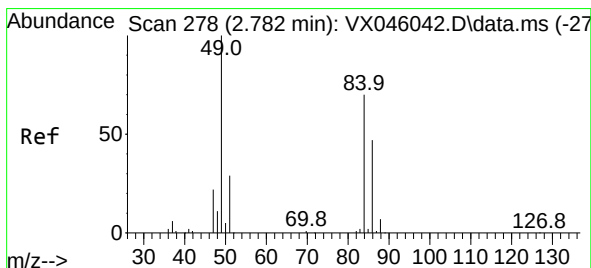
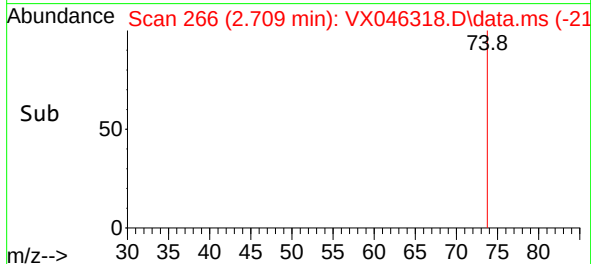
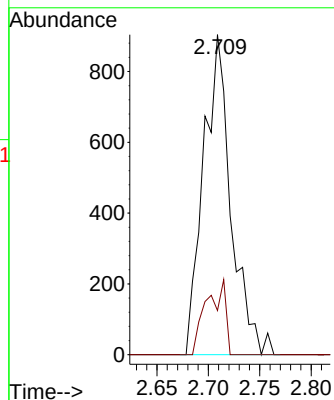
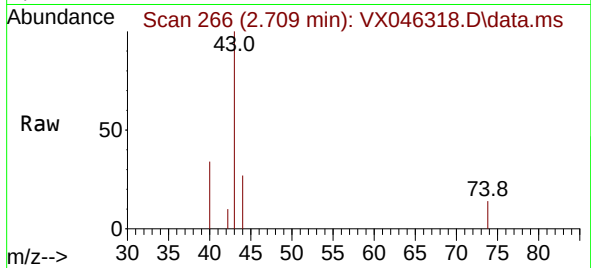




#18
Methyl Acetate
Concen: 1.601 ug/l
RT: 2.709 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX046318.D
Acq: 22 May 2025 10:50

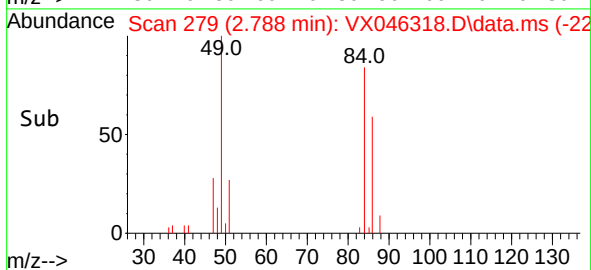
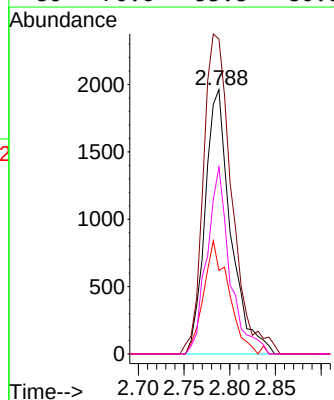
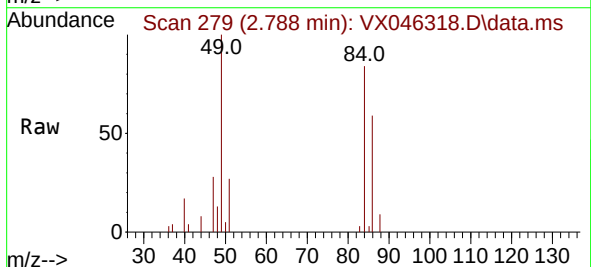
Instrument :
MSVOA_X
ClientSampleId :
PB168116TB

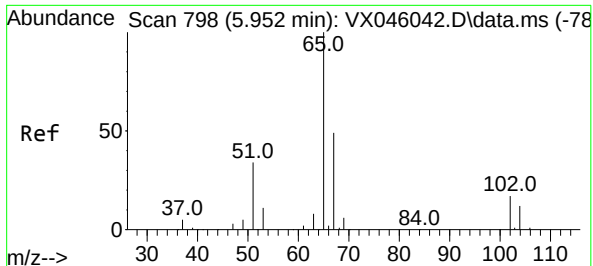
Tgt Ion: 43 Resp: 1687
Ion Ratio Lower Upper
43 100
74 16.2 16.7 25.1#



#20
Methylene Chloride
Concen: 4.408 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX046318.D
Acq: 22 May 2025 10:50

Tgt Ion: 84 Resp: 3836
Ion Ratio Lower Upper
84 100
49 119.1 113.9 170.9
51 31.7 33.5 50.3#
86 70.6 53.8 80.8





#33

1,2-Dichloroethane-d4

Concen: 54.190 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX046318.D

Acq: 22 May 2025 10:50

Instrument :

MSVOA_X

ClientSampleId :

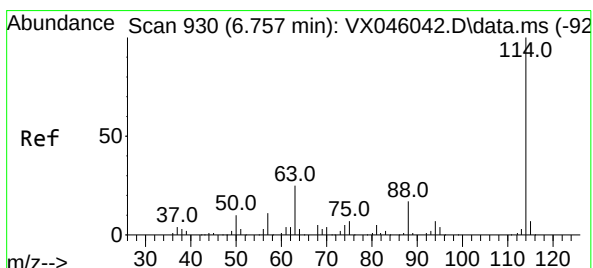
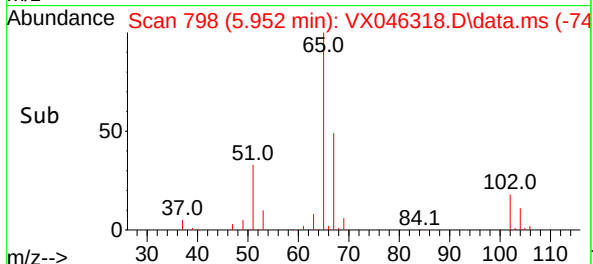
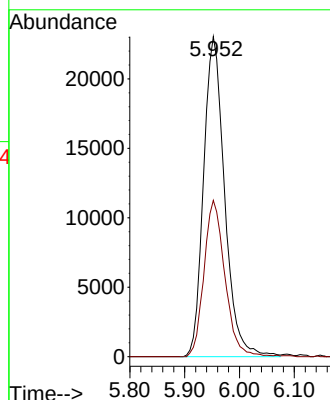
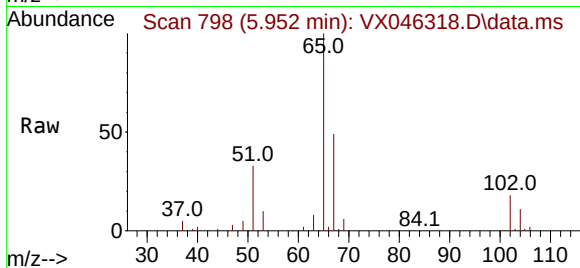
PB168116TB

Tgt Ion: 65 Resp: 61378

Ion Ratio Lower Upper

65 100

67 48.6 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX046318.D

Acq: 22 May 2025 10:50

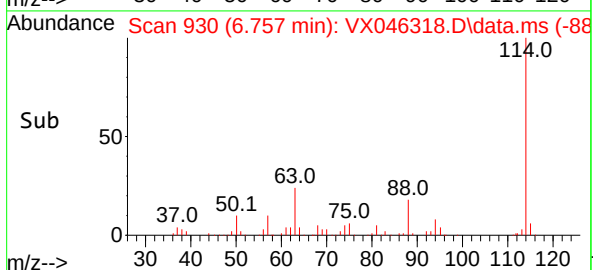
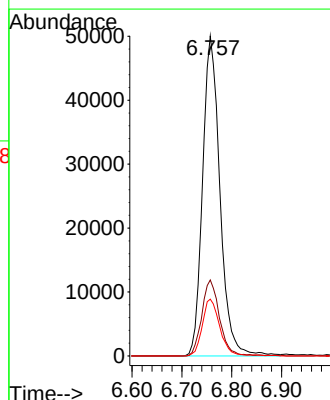
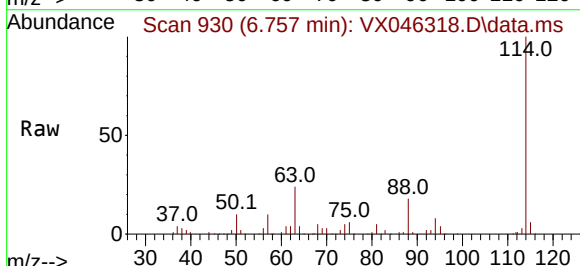
Tgt Ion: 114 Resp: 121310

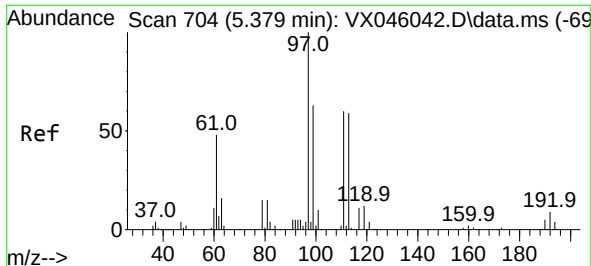
Ion Ratio Lower Upper

114 100

63 23.7 0.0 49.2

88 17.7 0.0 33.6





#35

Dibromofluoromethane

Concen: 50.485 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX046318.D

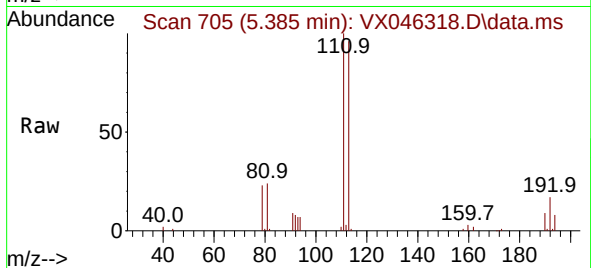
Acq: 22 May 2025 10:50

Instrument :

MSVOA_X

ClientSampleId :

PB168116TB



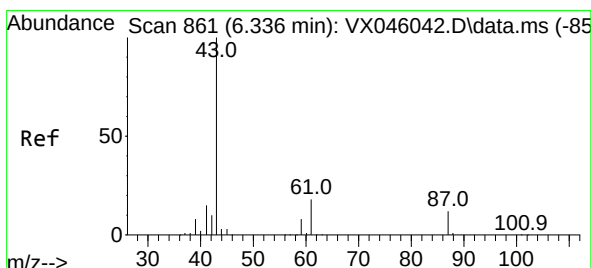
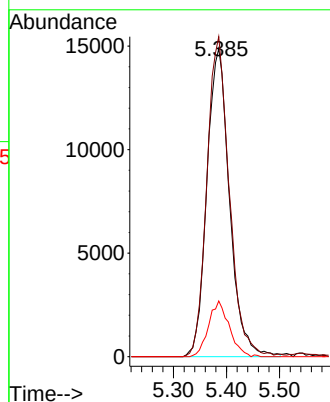
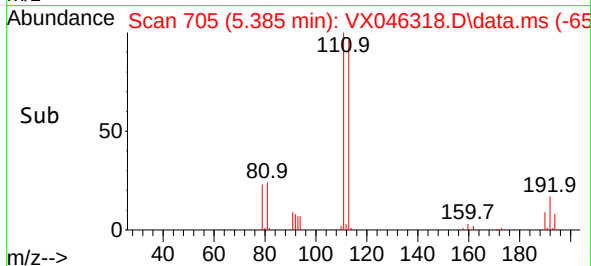
Tgt Ion:113 Resp: 44102

Ion Ratio Lower Upper

113 100

111 103.0 83.1 124.7

192 16.5 13.3 19.9



#43

Isopropyl Acetate

Concen: 5.050 ug/l

RT: 6.348 min Scan# 863

Delta R.T. 0.012 min

Lab File: VX046318.D

Acq: 22 May 2025 10:50

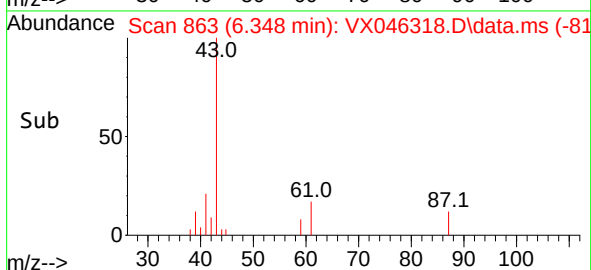
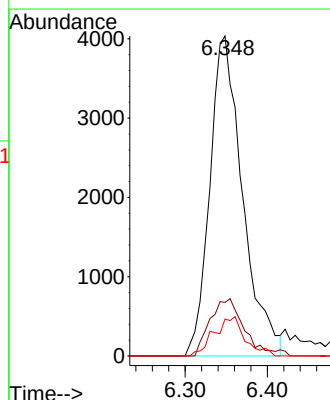
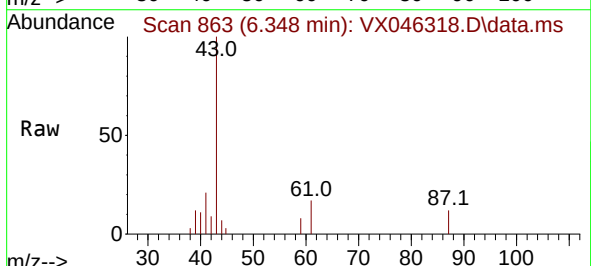
Tgt Ion: 43 Resp: 11172

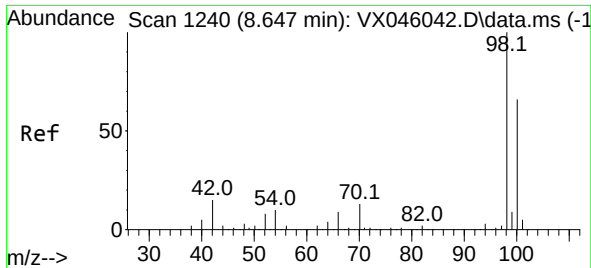
Ion Ratio Lower Upper

43 100

61 18.8 14.3 21.5

87 11.5 9.5 14.3

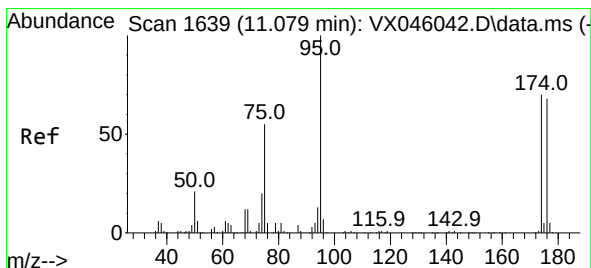
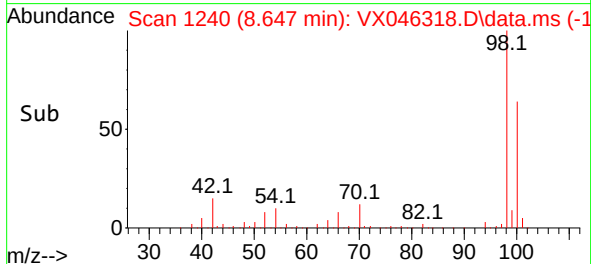
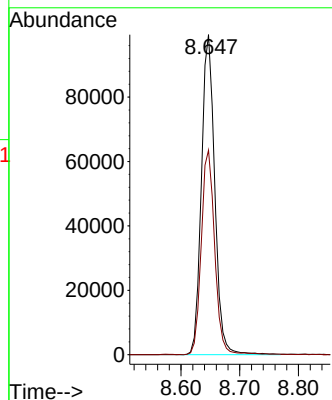
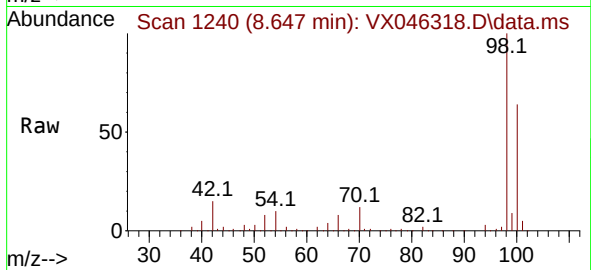




#50
Toluene-d8
Concen: 51.738 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046318.D
Acq: 22 May 2025 10:50

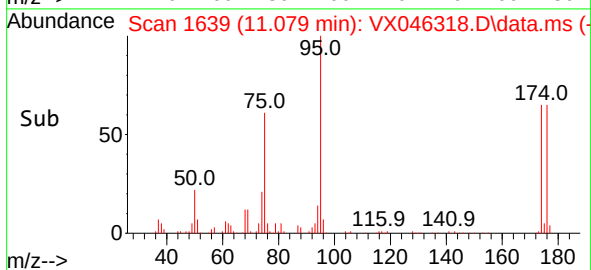
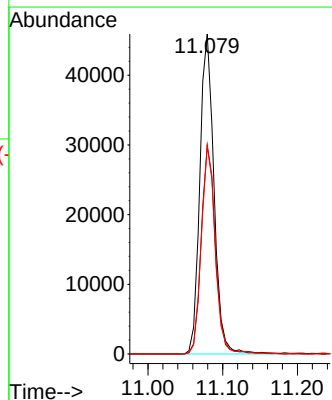
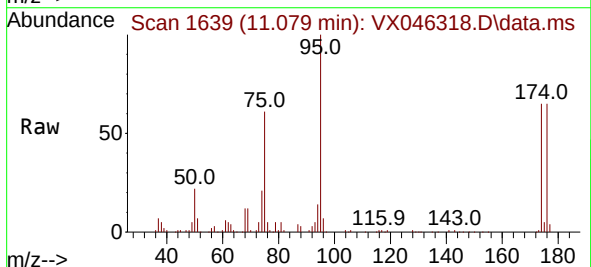
Instrument :
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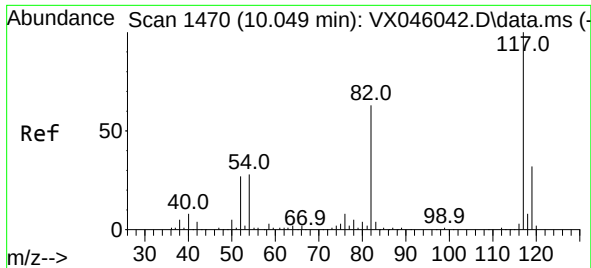
Tgt Ion: 98 Resp: 156431
Ion Ratio Lower Upper
98 100
100 64.6 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 51.951 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046318.D
Acq: 22 May 2025 10:50

Tgt Ion: 95 Resp: 60251
Ion Ratio Lower Upper
95 100
174 65.2 0.0 135.8
176 63.9 0.0 131.4

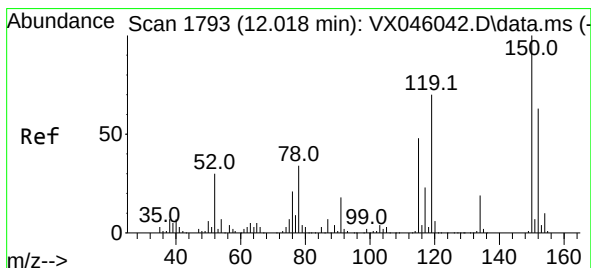
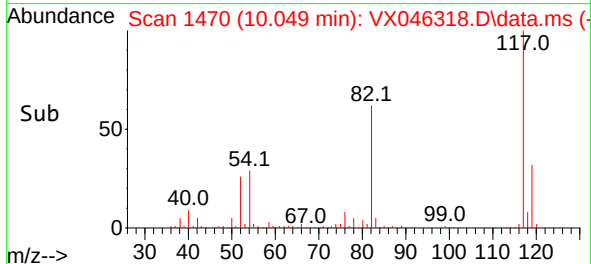
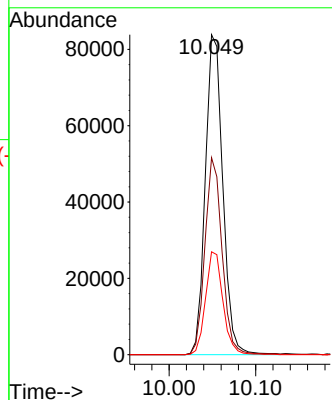
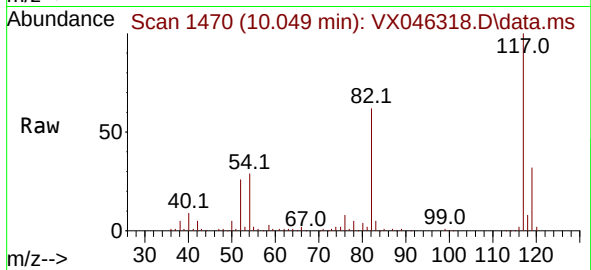




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX046318.D
Acq: 22 May 2025 10:50

Instrument :
MSVOA_X
ClientSampleId :
PB168116TB

Tgt Ion:117 Resp: 117649
Ion Ratio Lower Upper
117 100
82 61.6 50.6 76.0
119 32.2 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX046318.D
Acq: 22 May 2025 10:50

Tgt Ion:152 Resp: 48195
Ion Ratio Lower Upper
152 100
115 65.6 46.9 140.7
150 157.9 0.0 351.0

