

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080425\
 Data File : VX047223.D
 Acq On : 04 Aug 2025 13:00
 Operator : JC/MD
 Sample : PB169082TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB169082TB

Quant Time: Aug 05 02:57:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

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

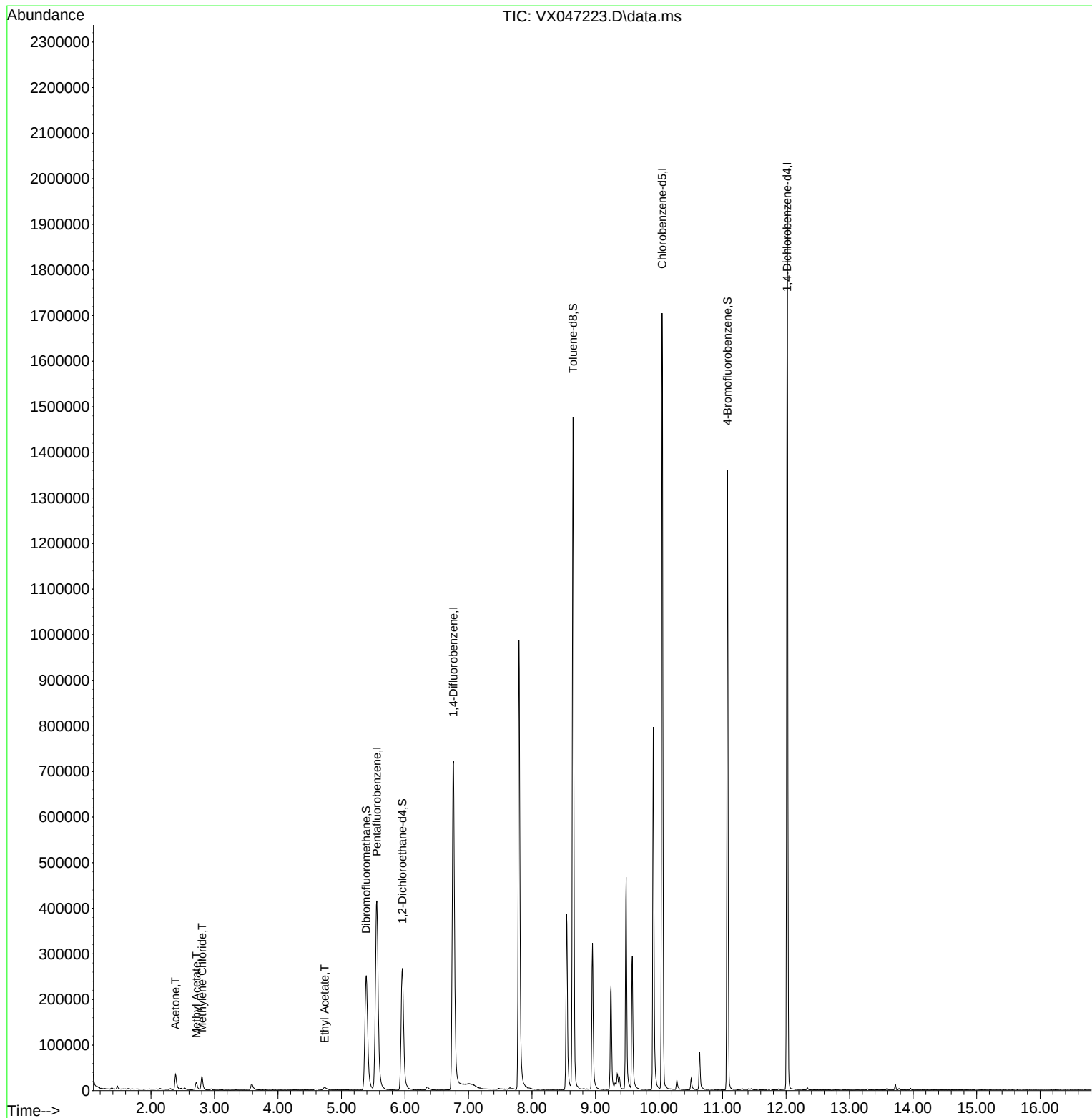
Internal Standards						
1) Pentafluorobenzene	5.556	168	411561	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	780350	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	743675	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	376199	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	281646	54.937	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	109.880%	
35) Dibromofluoromethane	5.385	113	240067	49.826	ug/l	-0.01
Spiked Amount	50.000	Range 75 - 124	Recovery	=	99.660%	
50) Toluene-d8	8.647	98	861798	55.231	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	110.460%	
62) 4-Bromofluorobenzene	11.079	95	354642	52.741	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	105.480%	
Target Compounds						
						Qvalue
16) Acetone	2.385	43	47466	23.111	ug/l	97
18) Methyl Acetate	2.715	43	24535	4.495	ug/l	99
20) Methylene Chloride	2.806	84	14705	2.603	ug/l	98
37) Ethyl Acetate	4.733	43	15943	2.107	ug/l #	93

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

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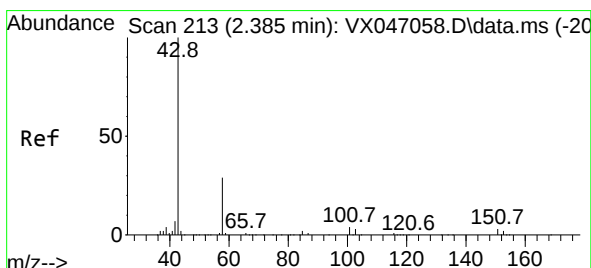
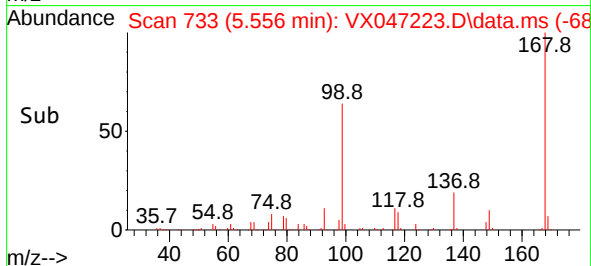
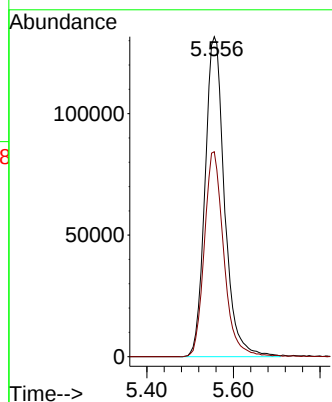
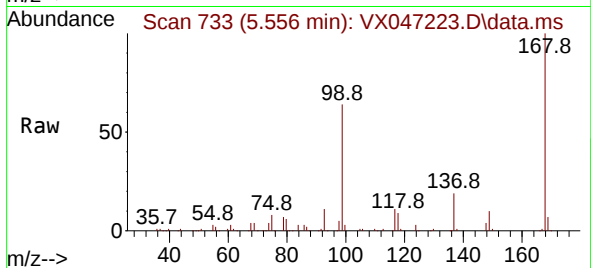




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047223.D
Acq: 04 Aug 2025 13:00

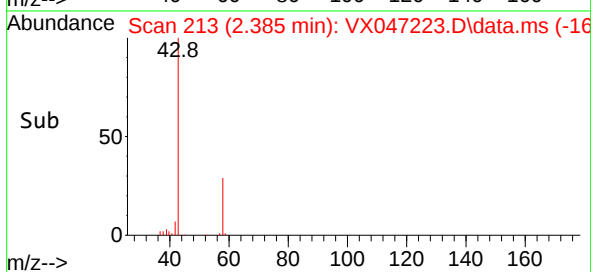
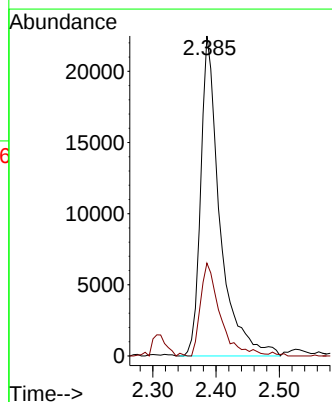
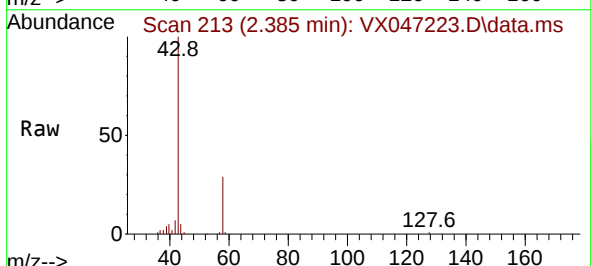
Instrument :
MSVOA_X
ClientSampleId :
PB169082TB

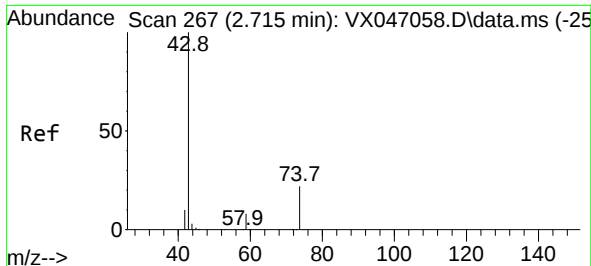
Tgt Ion:168 Resp: 411561
Ion Ratio Lower Upper
168 100
99 64.1 48.0 72.0



#16
Acetone
Concen: 23.111 ug/l
RT: 2.385 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX047223.D
Acq: 04 Aug 2025 13:00

Tgt Ion: 43 Resp: 47466
Ion Ratio Lower Upper
43 100
58 28.5 24.0 36.0

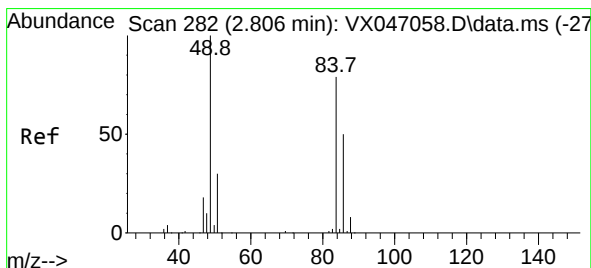
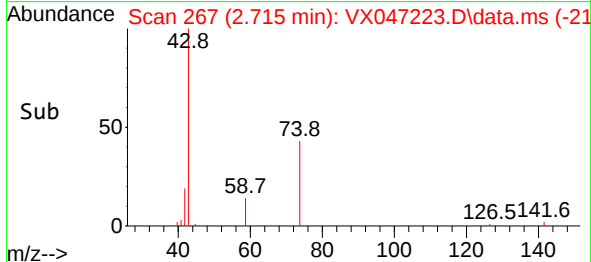
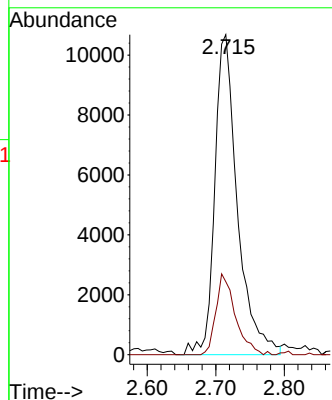
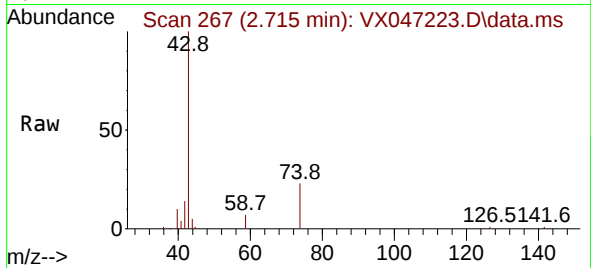




#18
Methyl Acetate
Concen: 4.495 ug/l
RT: 2.715 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX047223.D
Acq: 04 Aug 2025 13:00

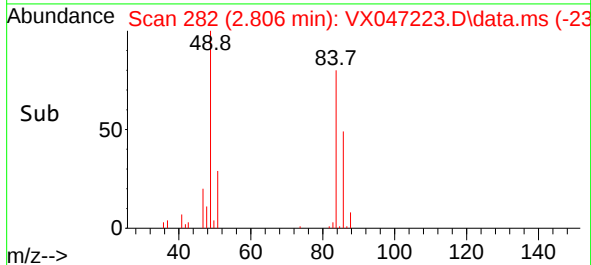
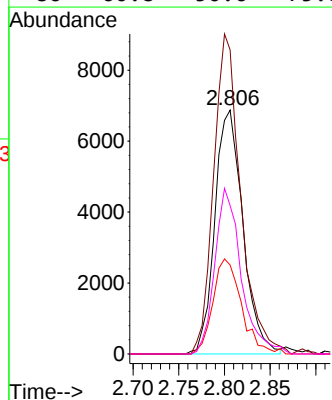
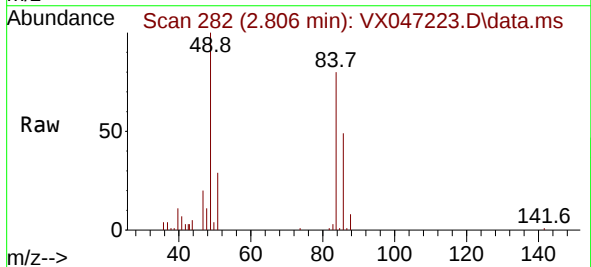
Instrument :
MSVOA_X
ClientSampleId :
PB169082TB

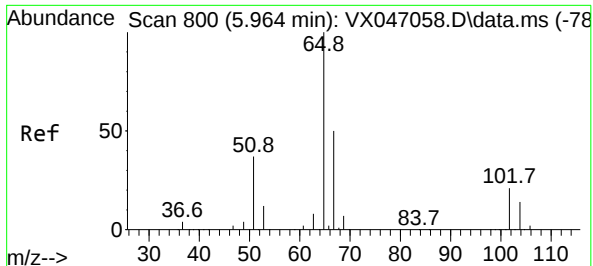
Tgt Ion: 43 Resp: 24535
Ion Ratio Lower Upper
43 100
74 21.7 17.7 26.5



#20
Methylene Chloride
Concen: 2.603 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.000 min
Lab File: VX047223.D
Acq: 04 Aug 2025 13:00

Tgt Ion: 84 Resp: 14705
Ion Ratio Lower Upper
84 100
49 124.7 101.6 152.4
51 36.5 30.3 45.5
86 60.8 50.6 75.8

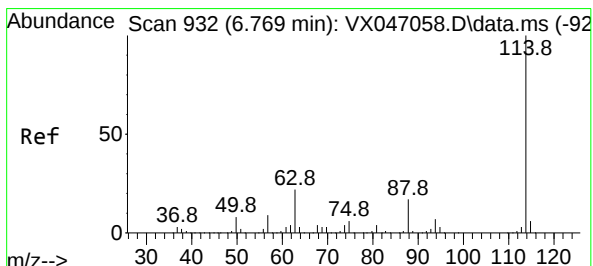
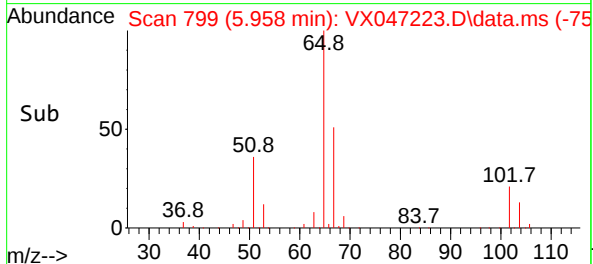
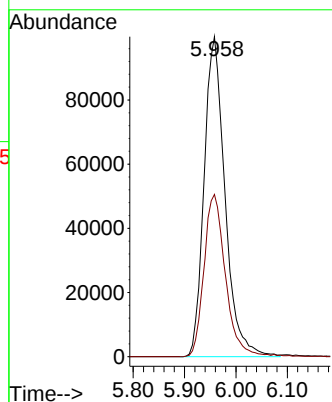
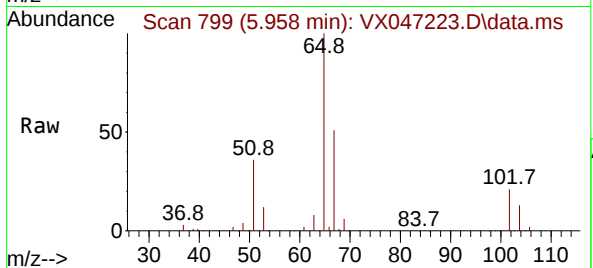




#33
1,2-Dichloroethane-d4
Concen: 54.937 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX047223.D
Acq: 04 Aug 2025 13:00

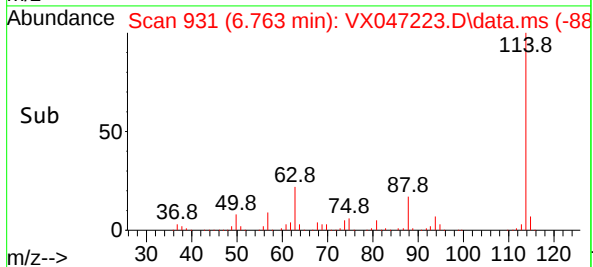
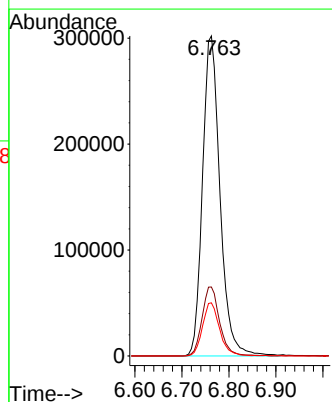
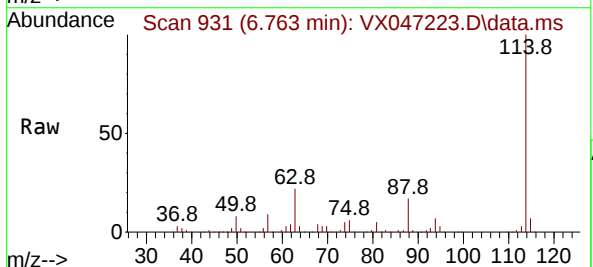
Instrument :
MSVOA_X
ClientSampleId :
PB169082TB

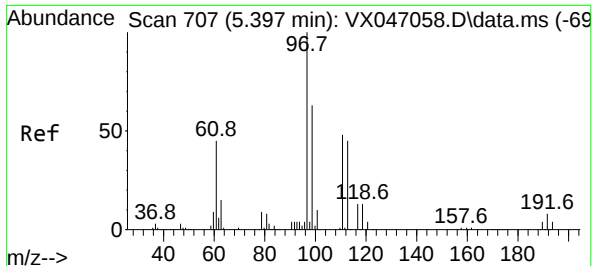
Tgt Ion: 65 Resp: 281646
Ion Ratio Lower Upper
65 100
67 52.2 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.006 min
Lab File: VX047223.D
Acq: 04 Aug 2025 13:00

Tgt Ion: 114 Resp: 780350
Ion Ratio Lower Upper
114 100
63 21.5 0.0 43.2
88 16.6 0.0 33.8





#35

Dibromofluoromethane

Concen: 49.826 ug/l

RT: 5.385 min Scan# 707

Delta R.T. -0.012 min

Lab File: VX047223.D

Acq: 04 Aug 2025 13:00

Instrument :

MSVOA_X

ClientSampleId :

PB169082TB

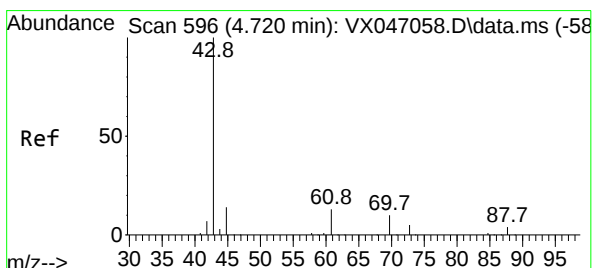
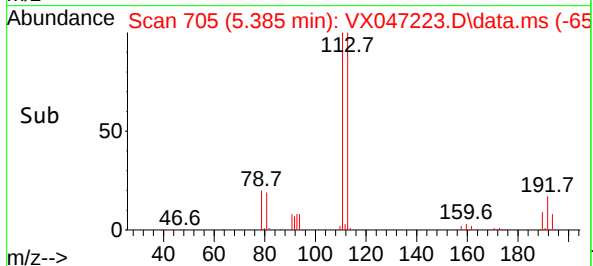
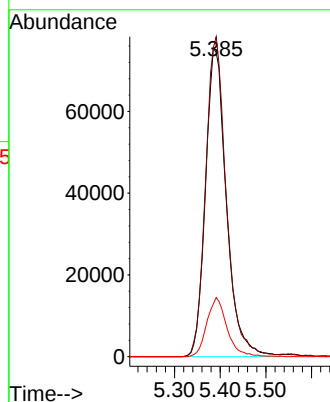
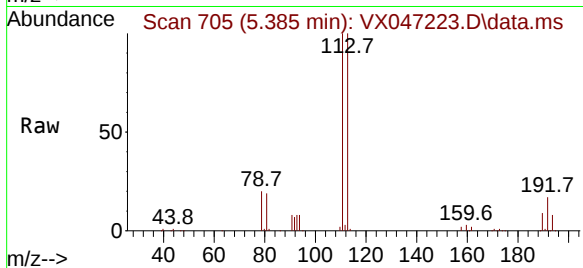
Tgt Ion:113 Resp: 240067

Ion Ratio Lower Upper

113 100

111 102.5 82.6 124.0

192 18.5 14.9 22.3



#37

Ethyl Acetate

Concen: 2.107 ug/l

RT: 4.733 min Scan# 598

Delta R.T. 0.012 min

Lab File: VX047223.D

Acq: 04 Aug 2025 13:00

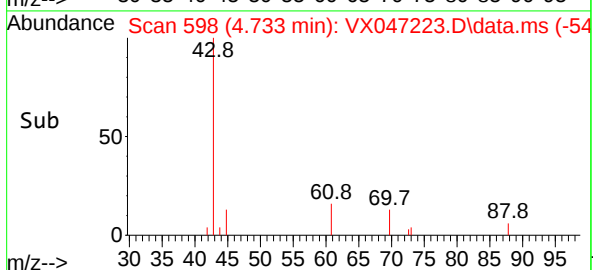
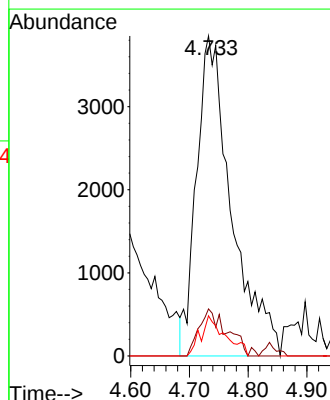
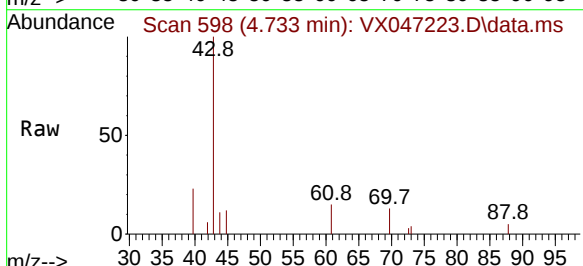
Tgt Ion: 43 Resp: 15943

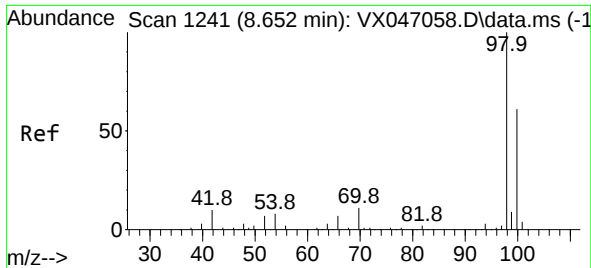
Ion Ratio Lower Upper

43 100

61 9.1 10.2 15.2#

70 8.8 8.1 12.1

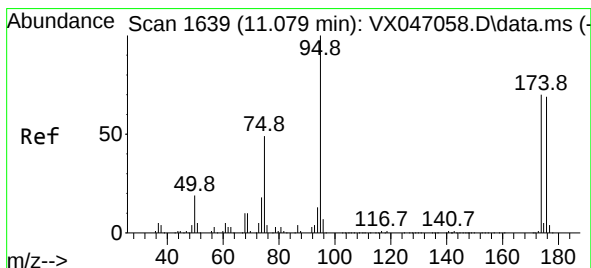
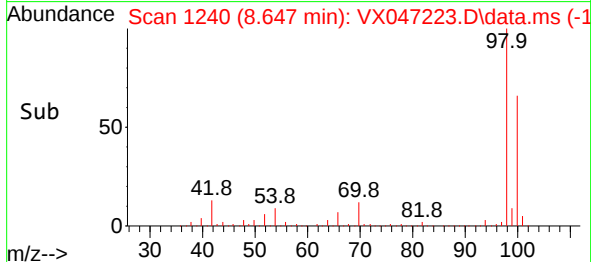
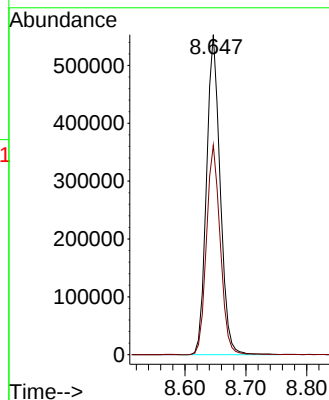
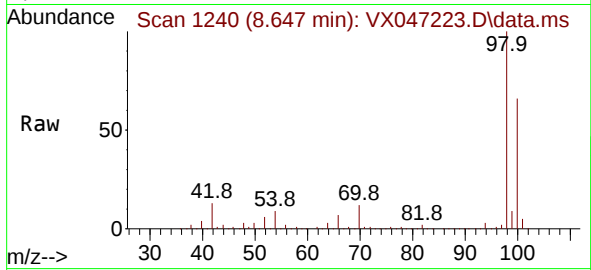




#50
Toluene-d8
Concen: 55.231 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX047223.D
Acq: 04 Aug 2025 13:00

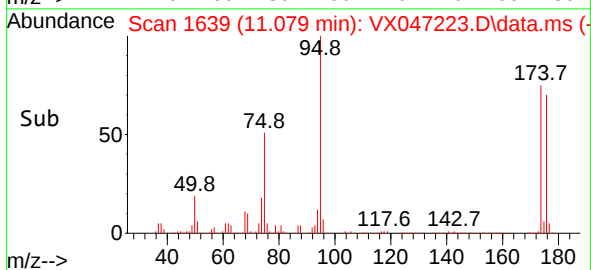
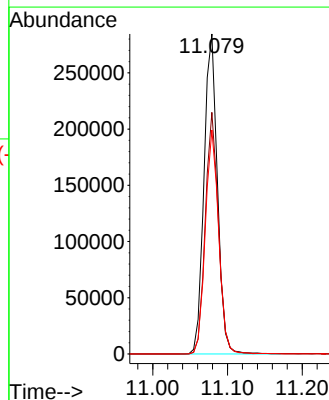
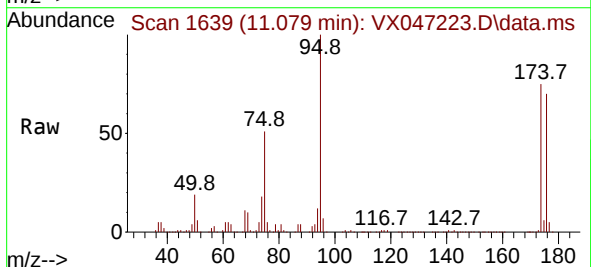
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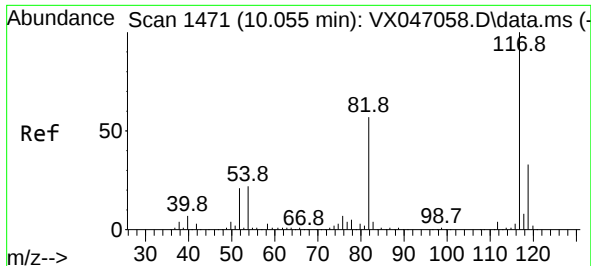
Tgt Ion: 98 Resp: 861798
Ion Ratio Lower Upper
98 100
100 66.1 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 52.741 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047223.D
Acq: 04 Aug 2025 13:00

Tgt Ion: 95 Resp: 354642
Ion Ratio Lower Upper
95 100
174 74.0 0.0 144.6
176 69.9 0.0 139.6

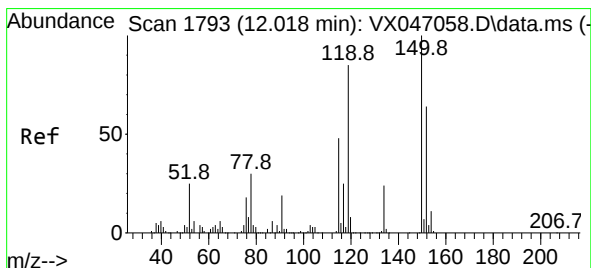
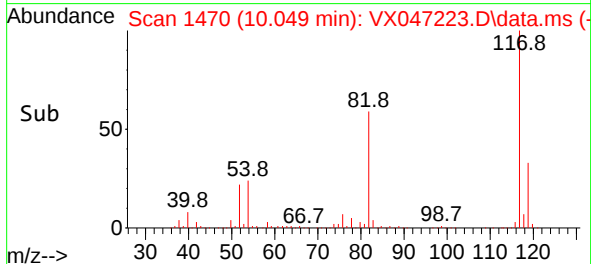
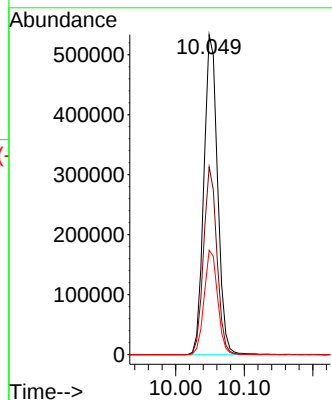
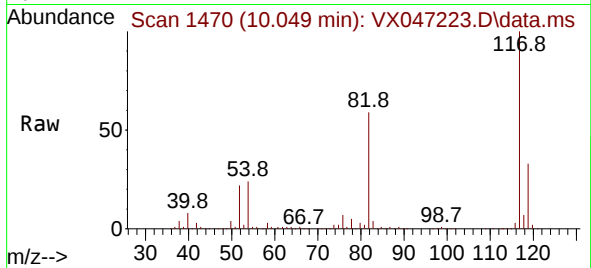




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX047223.D
Acq: 04 Aug 2025 13:00

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:117 Resp: 743675
Ion Ratio Lower Upper
117 100
82 58.7 45.4 68.2
119 32.7 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047223.D
Acq: 04 Aug 2025 13:00

Tgt Ion:152 Resp: 376199
Ion Ratio Lower Upper
152 100
115 62.3 45.6 136.7
150 156.9 0.0 354.6

