

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX073125\
 Data File : VX047197.D
 Acq On : 31 Jul 2025 12:39
 Operator : JC/MD
 Sample : PB169061TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB169061TB

Quant Time: Aug 01 01:50:02 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)

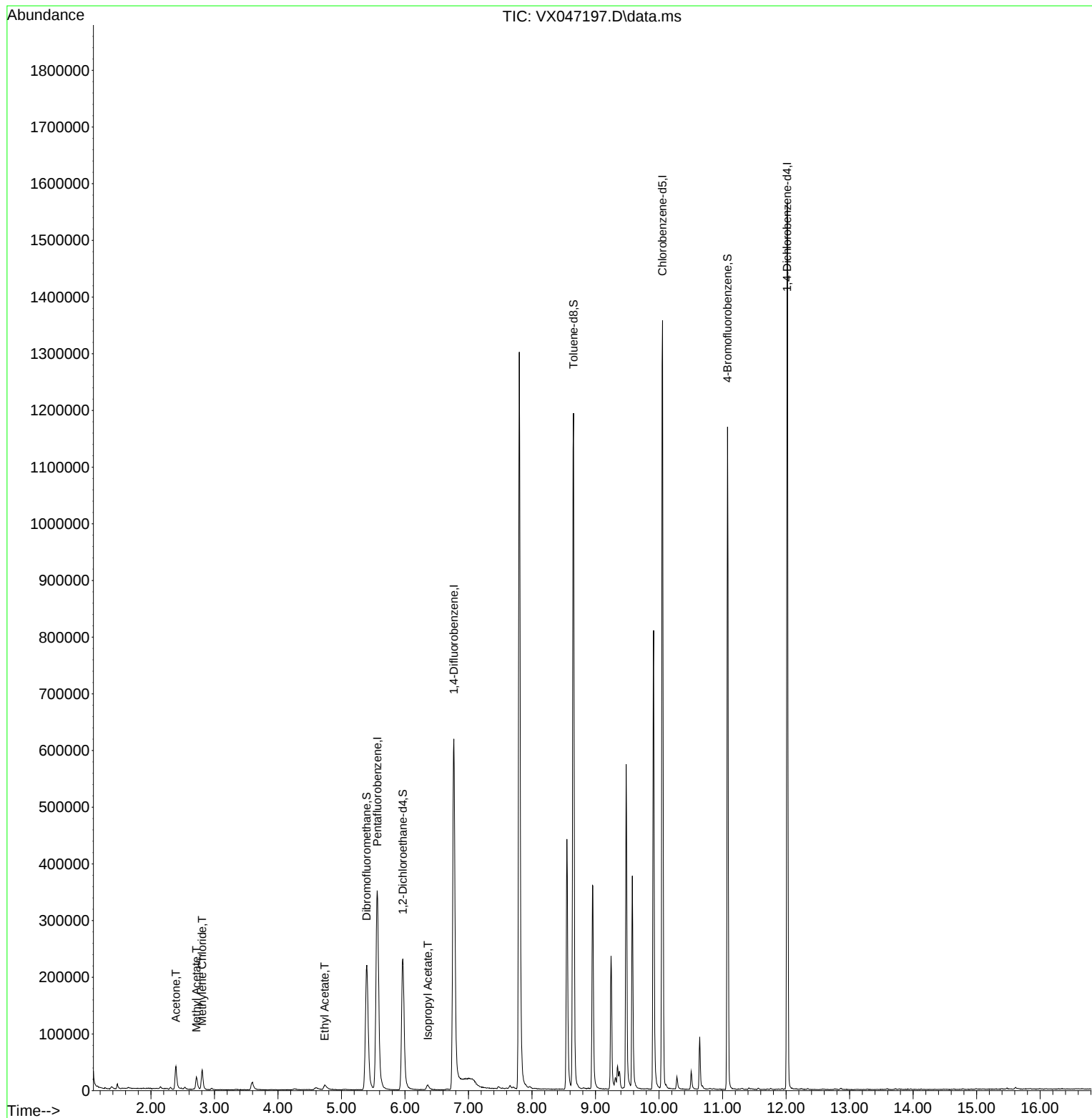
Internal Standards						
1) Pentafluorobenzene	5.562	168	351350	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	653721	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	605698	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	306388	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	248783	56.842	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	113.680%
35) Dibromofluoromethane	5.397	113	208691	51.704	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.400%
50) Toluene-d8	8.653	98	720453	55.117	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	110.240%
62) 4-Bromofluorobenzene	11.079	95	308912	54.839	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.680%
Target Compounds						
					Qvalue	
16) Acetone	2.392	43	55818	31.836	ug/l	98
18) Methyl Acetate	2.715	43	31614	6.785	ug/l	100
20) Methylene Chloride	2.806	84	16708	3.464	ug/l	92
37) Ethyl Acetate	4.733	43	20647	3.257	ug/l #	96
43) Isopropyl Acetate	6.361	43	14641	1.481	ug/l #	93

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

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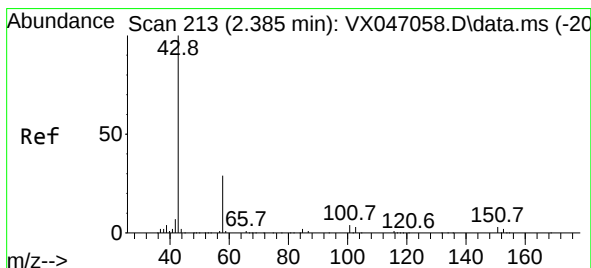
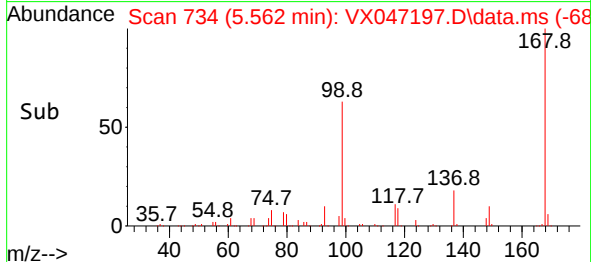
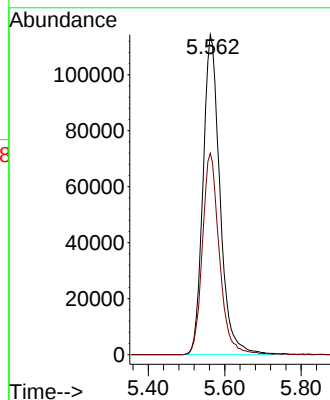
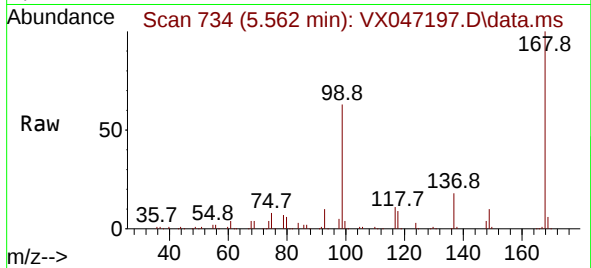




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047197.D
Acq: 31 Jul 2025 12:39

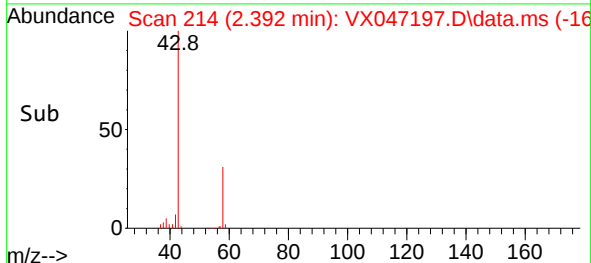
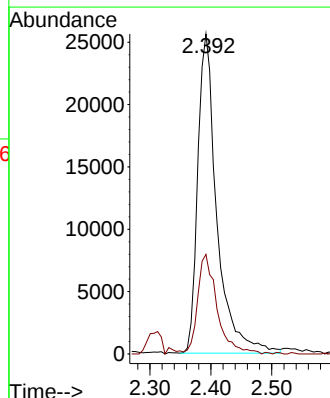
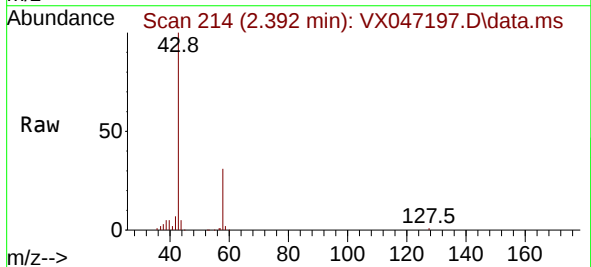
Instrument :
MSVOA_X
ClientSampleId :
PB169061TB

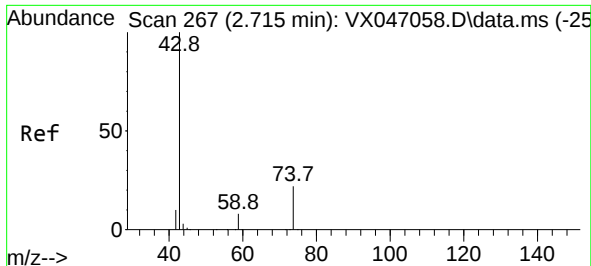
Tgt Ion:168 Resp: 351350
Ion Ratio Lower Upper
168 100
99 63.0 48.0 72.0



#16
Acetone
Concen: 31.836 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX047197.D
Acq: 31 Jul 2025 12:39

Tgt Ion: 43 Resp: 55818
Ion Ratio Lower Upper
43 100
58 31.2 24.0 36.0

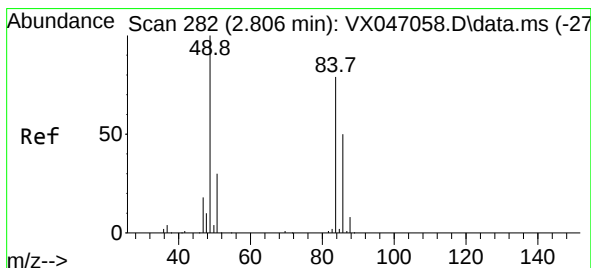
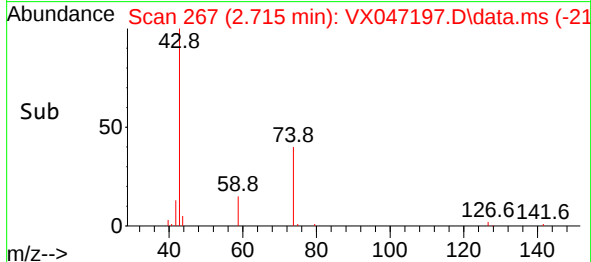
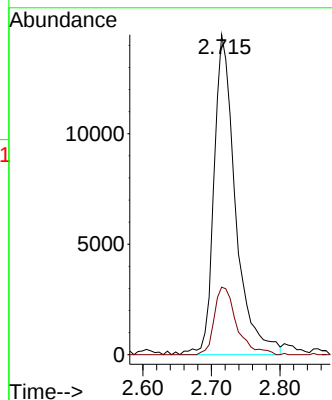
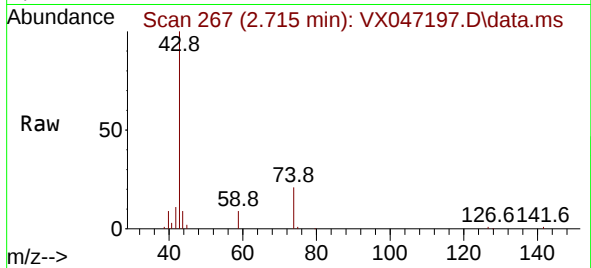




#18
Methyl Acetate
Concen: 6.785 ug/l
RT: 2.715 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX047197.D
Acq: 31 Jul 2025 12:39

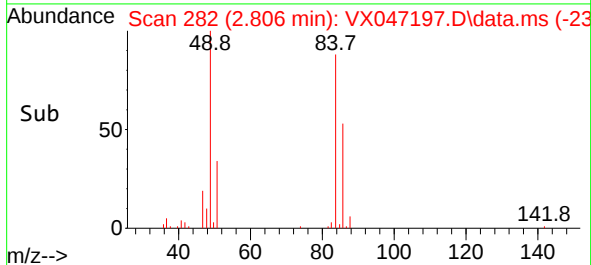
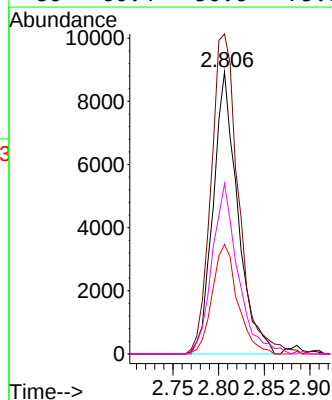
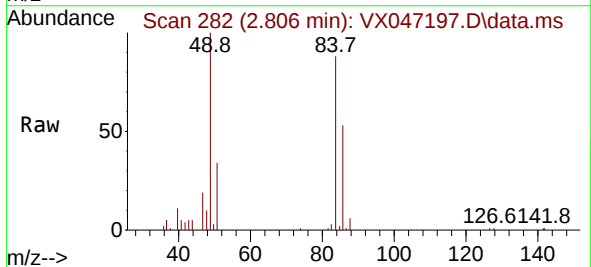
Instrument :
MSVOA_X
ClientSampleId :
PB169061TB

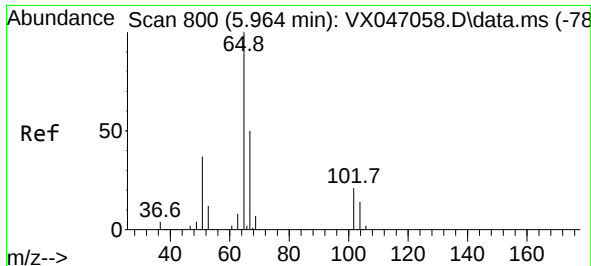
Tgt Ion: 43 Resp: 31614
Ion Ratio Lower Upper
43 100
74 21.9 17.7 26.5



#20
Methylene Chloride
Concen: 3.464 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.000 min
Lab File: VX047197.D
Acq: 31 Jul 2025 12:39

Tgt Ion: 84 Resp: 16708
Ion Ratio Lower Upper
84 100
49 113.5 101.6 152.4
51 38.8 30.3 45.5
86 60.4 50.6 75.8





#33

1,2-Dichloroethane-d4

Concen: 56.842 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX047197.D

Acq: 31 Jul 2025 12:39

Instrument :

MSVOA_X

ClientSampleId :

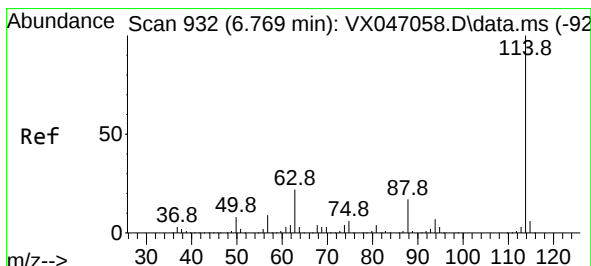
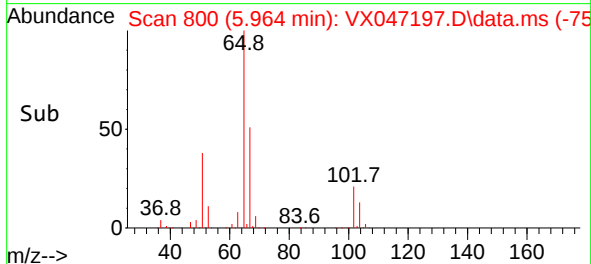
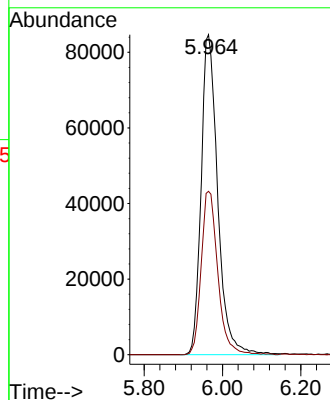
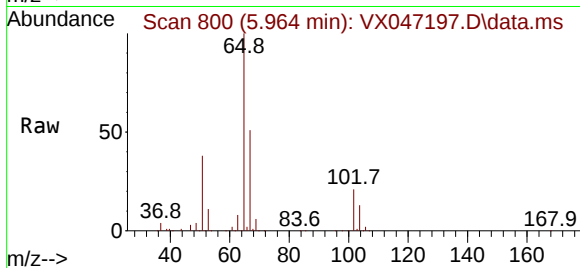
PB169061TB

Tgt Ion: 65 Resp: 248783

Ion Ratio Lower Upper

65 100

67 51.1 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX047197.D

Acq: 31 Jul 2025 12:39

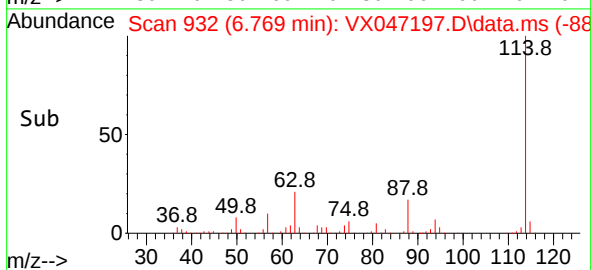
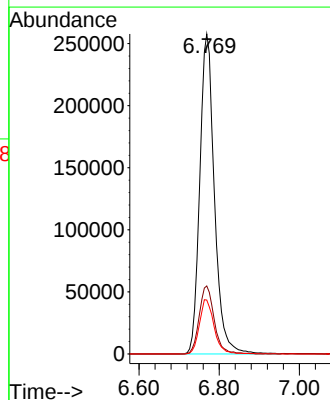
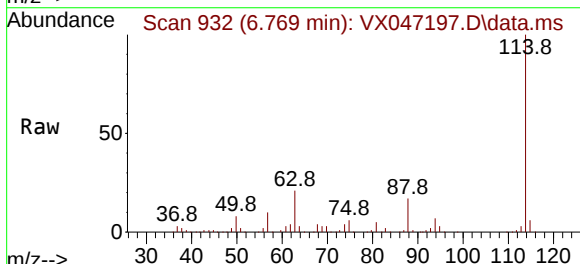
Tgt Ion: 114 Resp: 653721

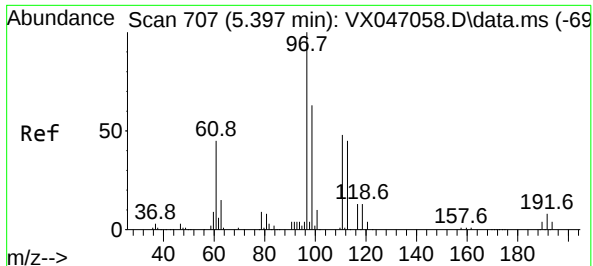
Ion Ratio Lower Upper

114 100

63 21.2 0.0 43.2

88 16.9 0.0 33.8

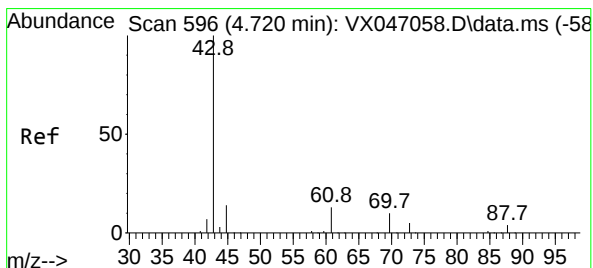
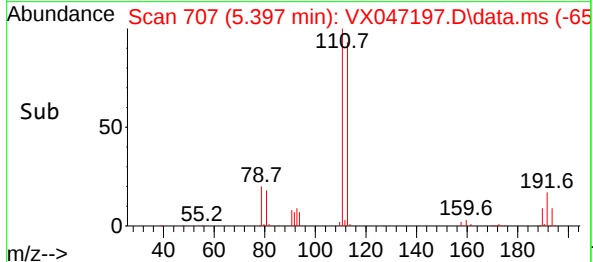
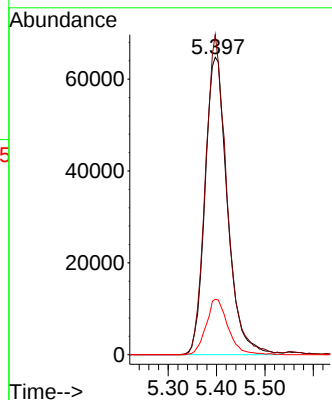
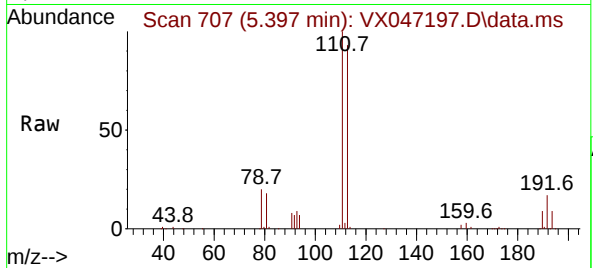




#35
Dibromofluoromethane
Concen: 51.704 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047197.D
Acq: 31 Jul 2025 12:39

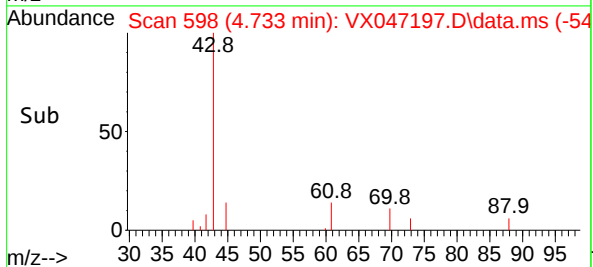
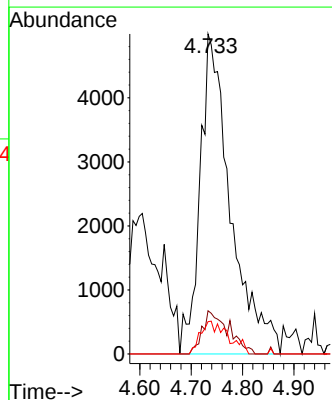
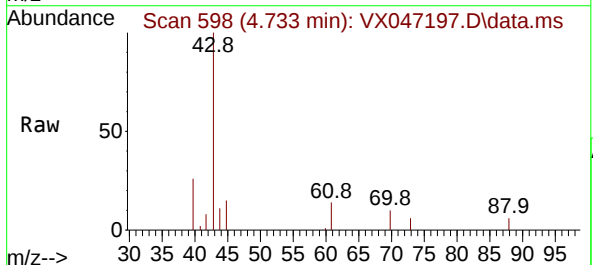
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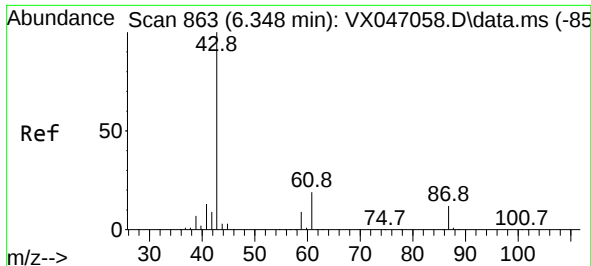
Tgt Ion:113 Resp: 208691
Ion Ratio Lower Upper
113 100
111 103.0 82.6 124.0
192 18.3 14.9 22.3



#37
Ethyl Acetate
Concen: 3.257 ug/l
RT: 4.733 min Scan# 598
Delta R.T. 0.013 min
Lab File: VX047197.D
Acq: 31 Jul 2025 12:39

Tgt Ion: 43 Resp: 20647
Ion Ratio Lower Upper
43 100
61 11.6 10.2 15.2
70 8.0 8.1 12.1#

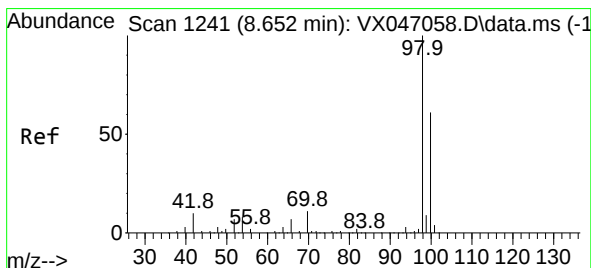
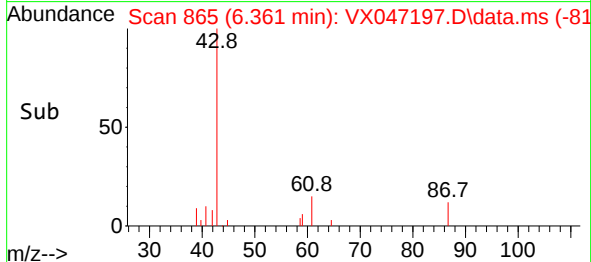
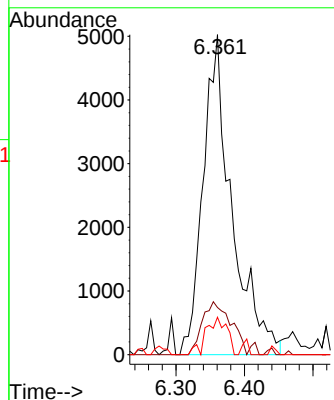
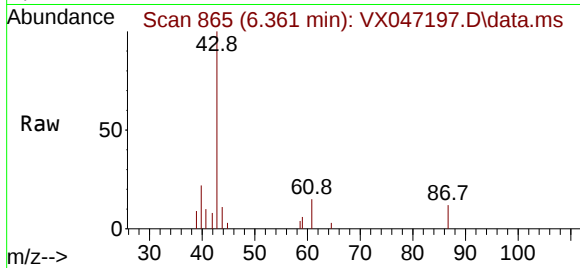




#43
Isopropyl Acetate
Concen: 1.481 ug/l
RT: 6.361 min Scan# 865
Delta R.T. 0.013 min
Lab File: VX047197.D
Acq: 31 Jul 2025 12:39

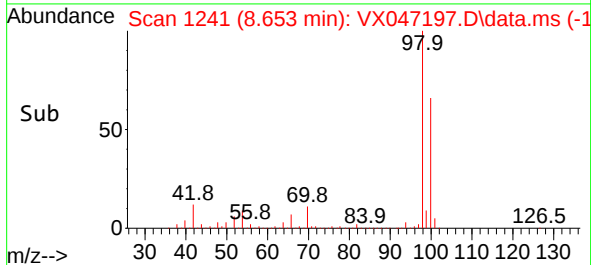
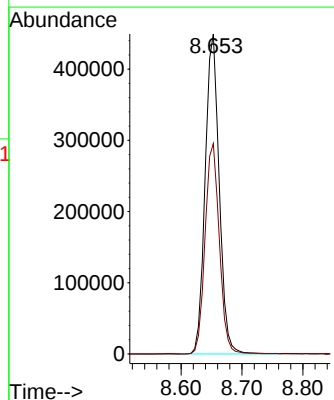
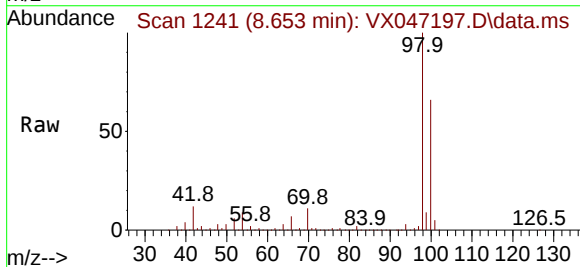
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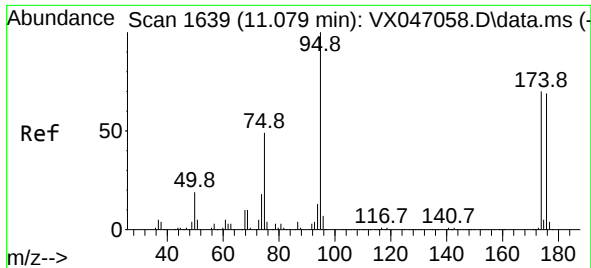
Tgt Ion: 43 Resp: 14641
Ion Ratio Lower Upper
43 100
61 16.5 15.1 22.7
87 8.5 9.7 14.5#



#50
Toluene-d8
Concen: 55.117 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX047197.D
Acq: 31 Jul 2025 12:39

Tgt Ion: 98 Resp: 720453
Ion Ratio Lower Upper
98 100
100 66.8 53.3 79.9

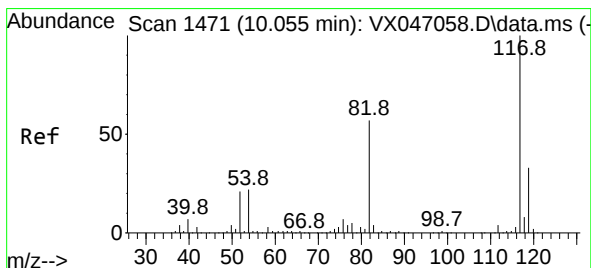
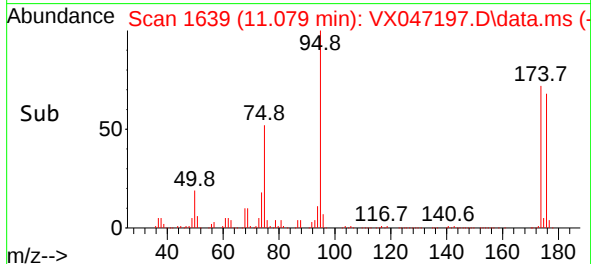
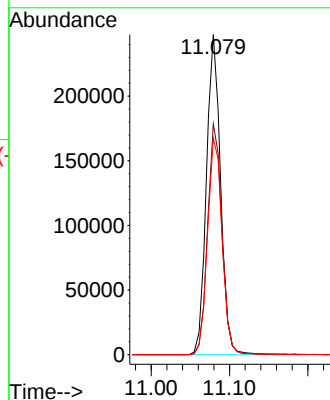
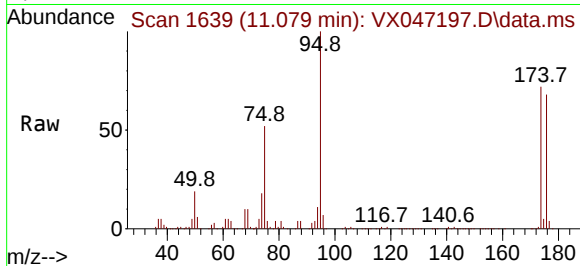




#62
4-Bromofluorobenzene
Concen: 54.839 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047197.D
Acq: 31 Jul 2025 12:39

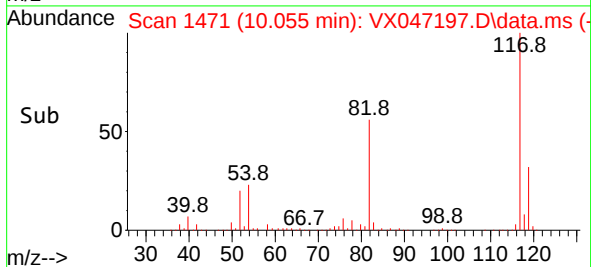
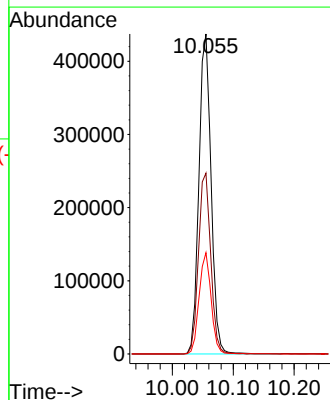
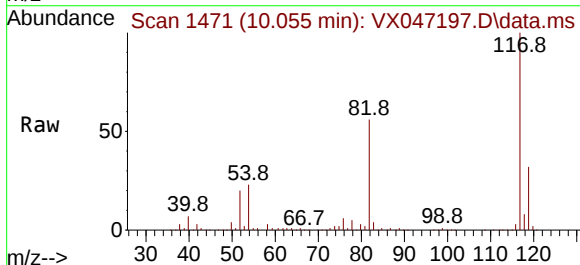
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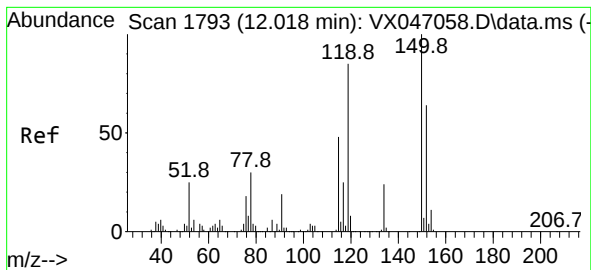
Tgt Ion: 95 Resp: 308912
Ion Ratio Lower Upper
95 100
174 73.4 0.0 144.6
176 70.0 0.0 139.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047197.D
Acq: 31 Jul 2025 12:39

Tgt Ion: 117 Resp: 605698
Ion Ratio Lower Upper
117 100
82 56.5 45.4 68.2
119 31.7 26.1 39.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX047197.D
 Acq: 31 Jul 2025 12:39

Instrument :
 MSVOA_X
 ClientSampleId :
 PB169061TB

Tgt Ion:152 Resp: 306388
 Ion Ratio Lower Upper
 152 100
 115 62.3 45.6 136.7
 150 157.4 0.0 354.6

