

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080825\
 Data File : VX047270.D
 Acq On : 08 Aug 2025 14:48
 Operator : JC/MD
 Sample : Q2779-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-5

Quant Time: Aug 11 02:01:27 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)

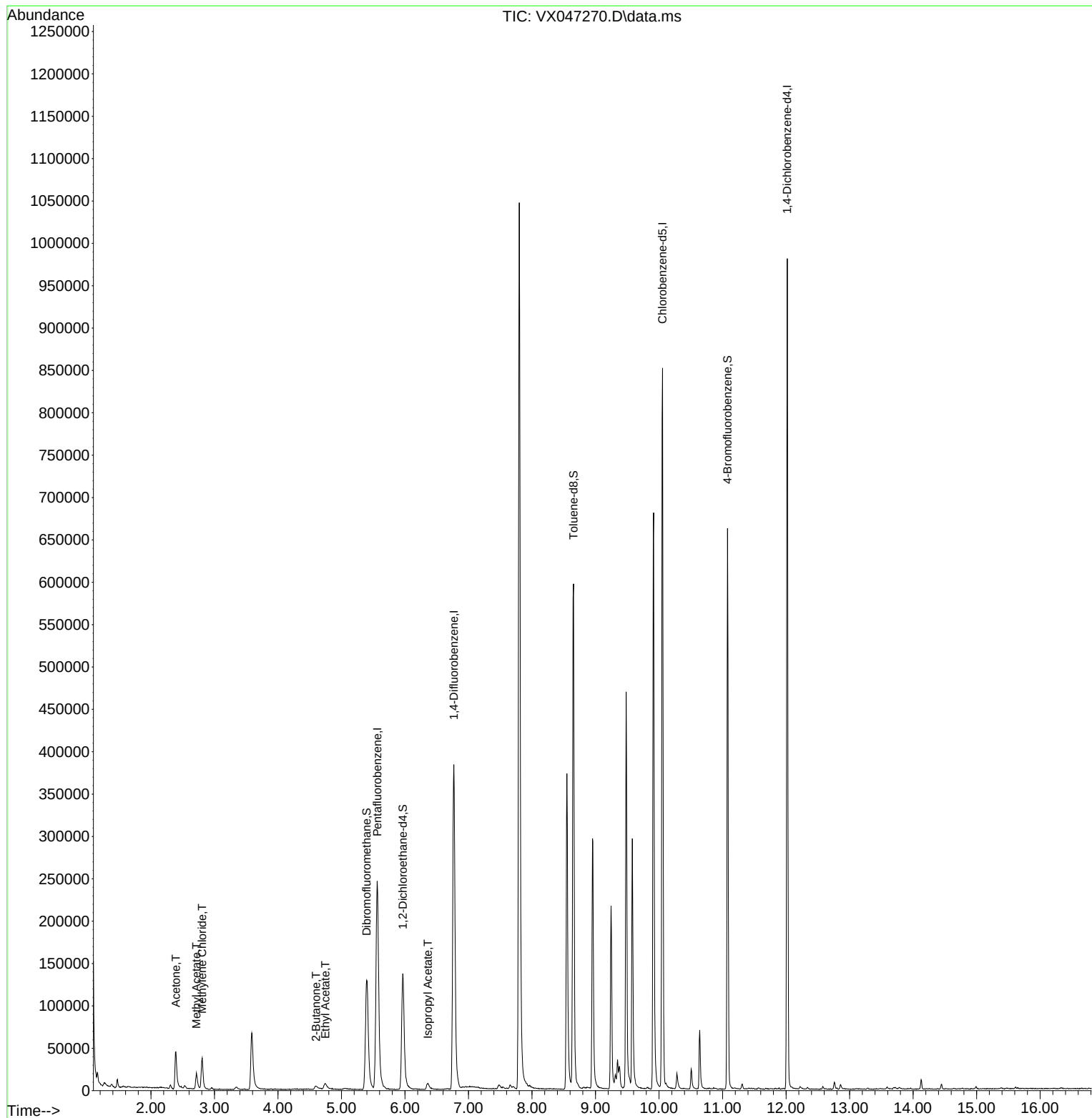
Internal Standards						
1) Pentafluorobenzene	5.562	168	244152	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	416825	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	376801	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	192624	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	147115	48.371	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	96.740%	
35) Dibromofluoromethane	5.397	113	127243	49.441	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	98.880%	
50) Toluene-d8	8.653	98	364204	43.698	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	87.400%#	
62) 4-Bromofluorobenzene	11.079	95	175695	48.916	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	97.840%	
Target Compounds						
					Qvalue	
16) Acetone	2.392	43	64205	52.697	ug/l	98
18) Methyl Acetate	2.715	43	28096	8.677	ug/l	98
20) Methylene Chloride	2.806	84	18013	5.374	ug/l	94
25) 2-Butanone	4.599	43	9806	5.527	ug/l	94
37) Ethyl Acetate	4.745	43	14620	3.617	ug/l	96
43) Isopropyl Acetate	6.361	43	12216	1.938	ug/l #	91

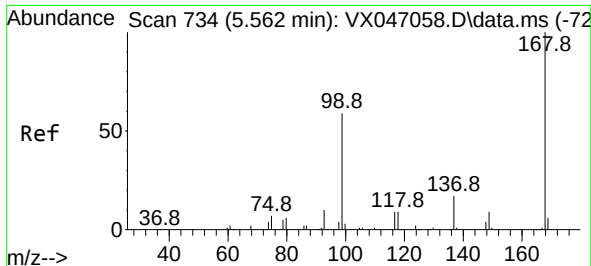
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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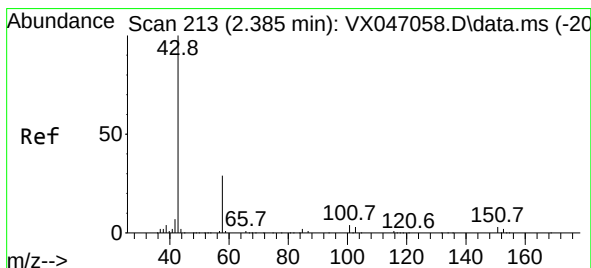
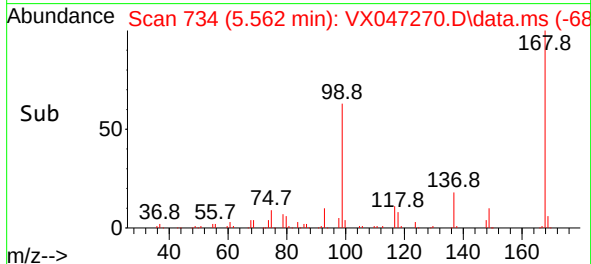
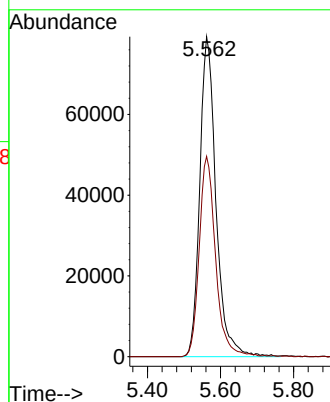
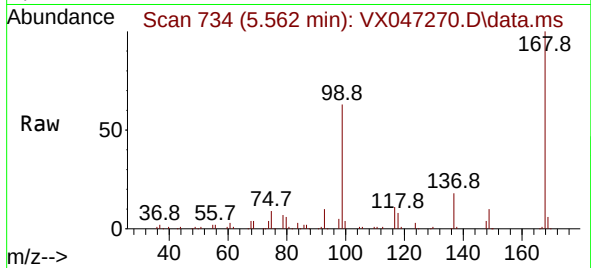




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047270.D
Acq: 08 Aug 2025 14:48

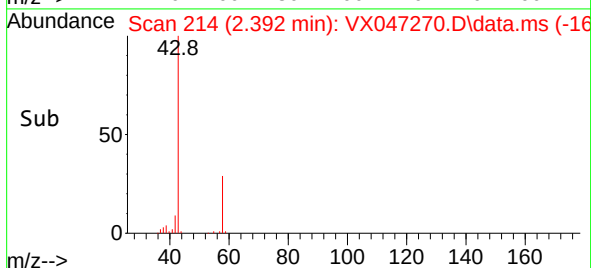
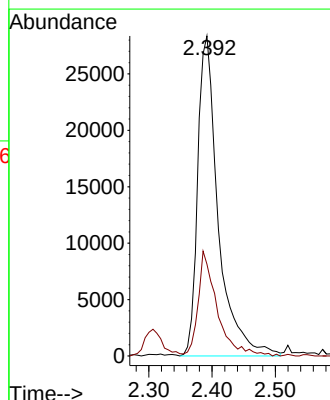
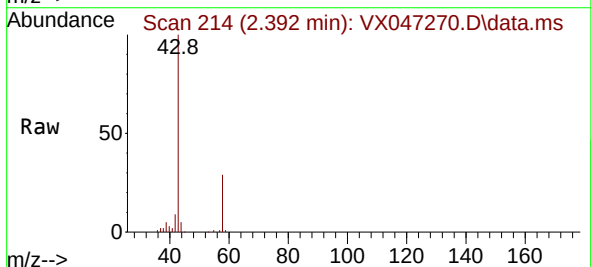
Instrument :
MSVOA_X
ClientSampleId :
TP-5

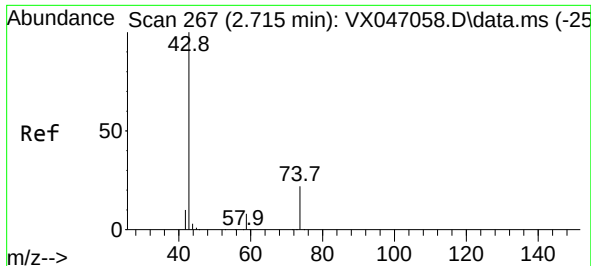
Tgt Ion:168 Resp: 244152
Ion Ratio Lower Upper
168 100
99 62.6 48.0 72.0



#16
Acetone
Concen: 52.697 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX047270.D
Acq: 08 Aug 2025 14:48

Tgt Ion: 43 Resp: 64205
Ion Ratio Lower Upper
43 100
58 29.0 24.0 36.0

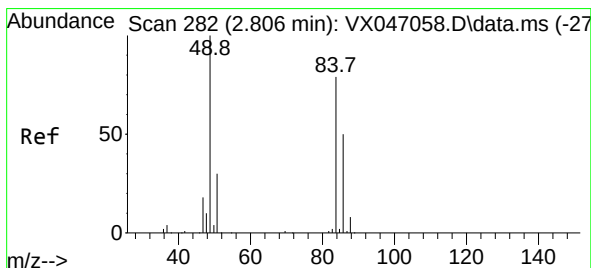
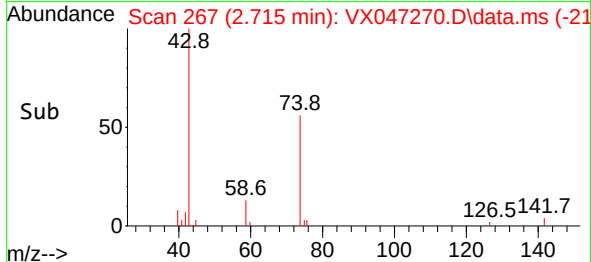
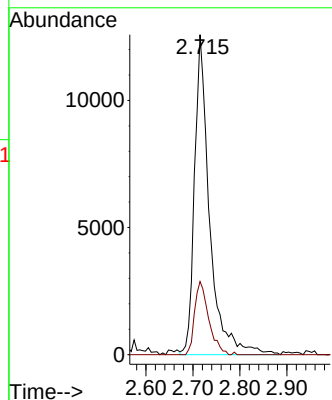
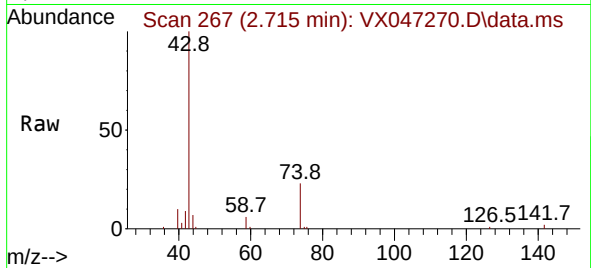




#18
Methyl Acetate
Concen: 8.677 ug/l
RT: 2.715 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX047270.D
Acq: 08 Aug 2025 14:48

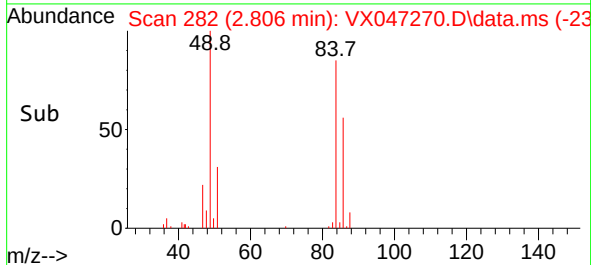
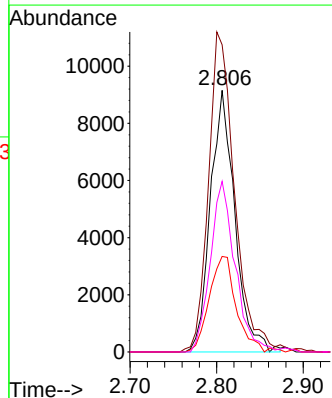
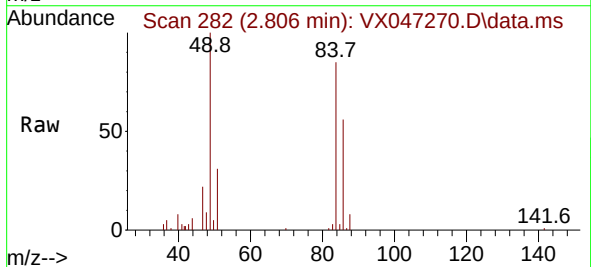
Instrument :
MSVOA_X
ClientSampleId :
TP-5

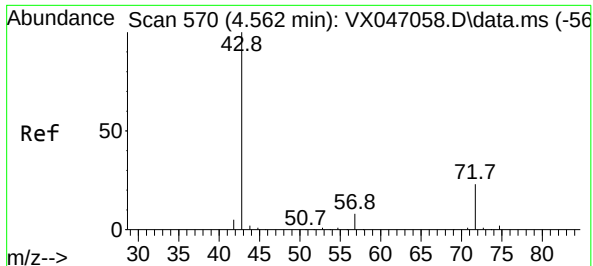
Tgt Ion: 43 Resp: 28096
Ion Ratio Lower Upper
43 100
74 21.3 17.7 26.5



#20
Methylene Chloride
Concen: 5.374 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.000 min
Lab File: VX047270.D
Acq: 08 Aug 2025 14:48

Tgt Ion: 84 Resp: 18013
Ion Ratio Lower Upper
84 100
49 117.4 101.6 152.4
51 36.5 30.3 45.5
86 65.2 50.6 75.8

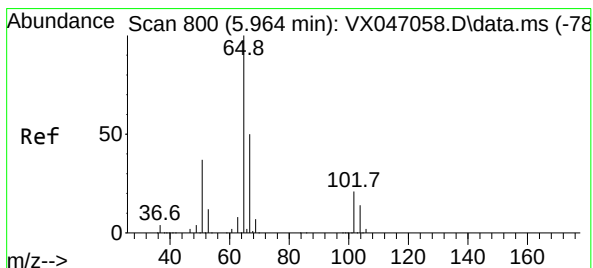
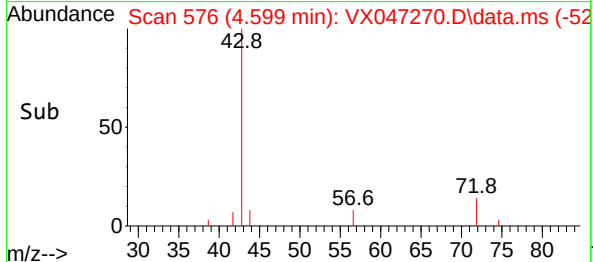
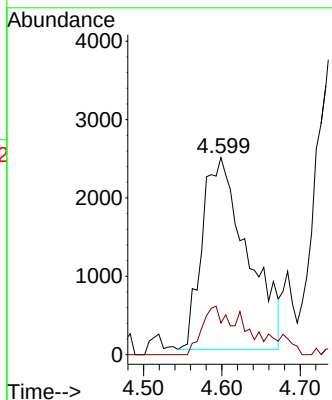
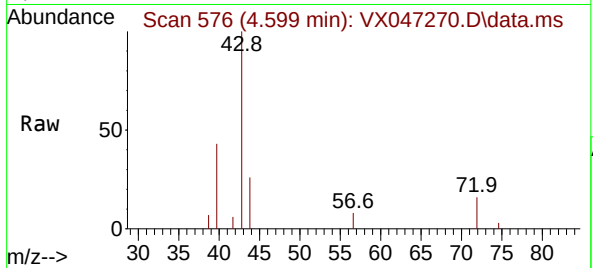




#25
2-Butanone
Concen: 5.527 ug/l
RT: 4.599 min Scan# 51
Delta R.T. 0.037 min
Lab File: VX047270.D
Acq: 08 Aug 2025 14:48

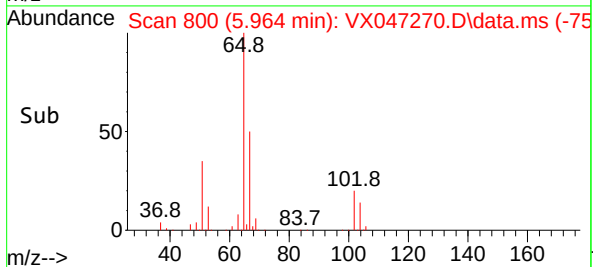
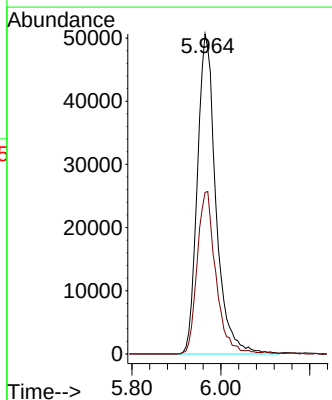
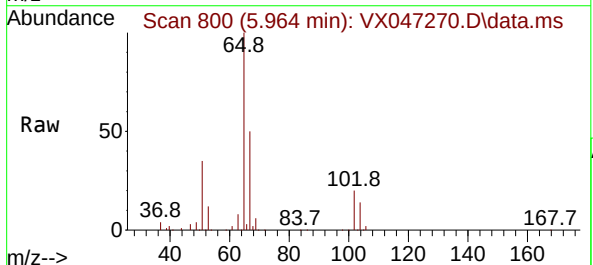
Instrument :
MSVOA_X
ClientSampleId :
TP-5

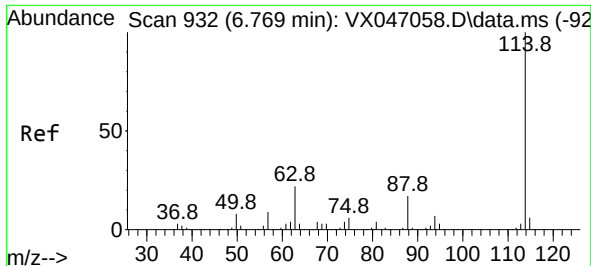
Tgt Ion: 43 Resp: 9806
Ion Ratio Lower Upper
43 100
72 20.4 18.8 28.2



#33
1,2-Dichloroethane-d4
Concen: 48.371 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX047270.D
Acq: 08 Aug 2025 14:48

Tgt Ion: 65 Resp: 147115
Ion Ratio Lower Upper
65 100
67 51.2 0.0 104.8

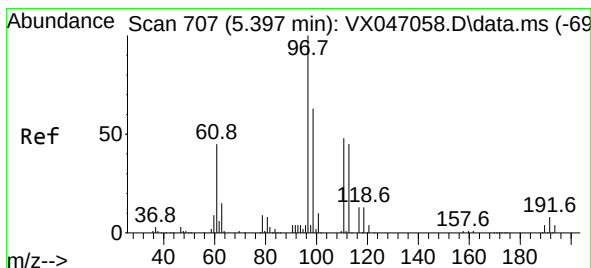
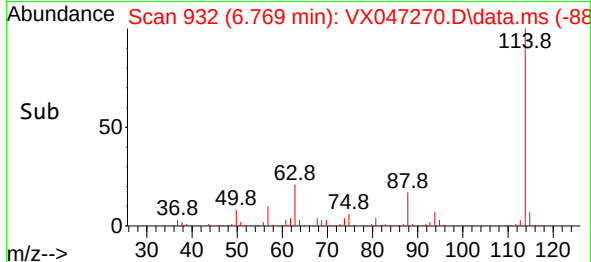
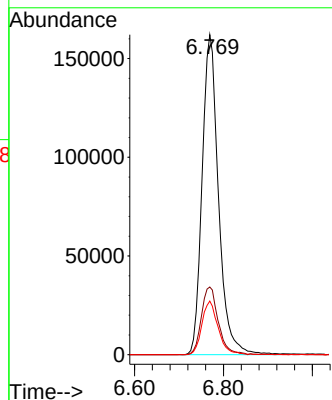
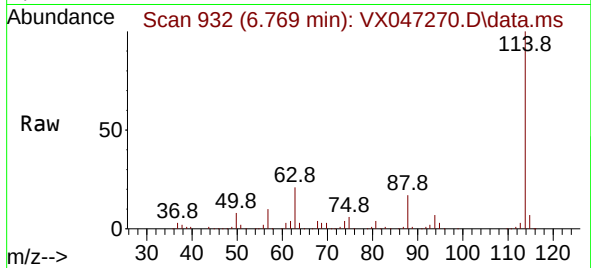




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX047270.D
Acq: 08 Aug 2025 14:48

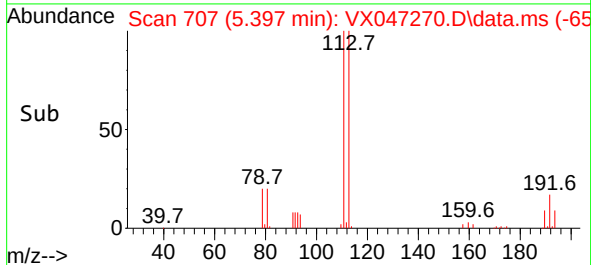
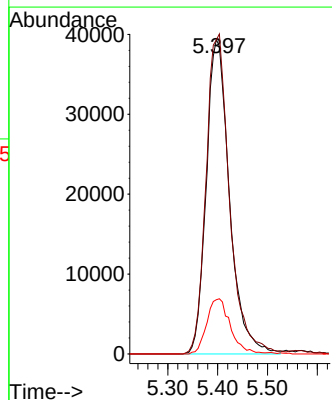
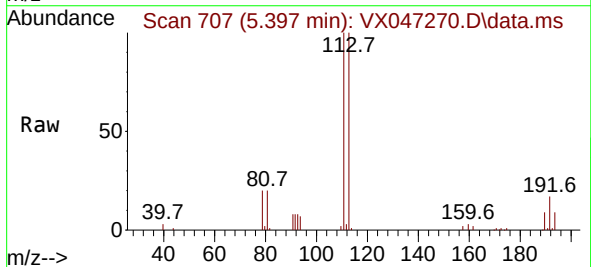
Instrument :
MSVOA_X
ClientSampleId :
TP-5

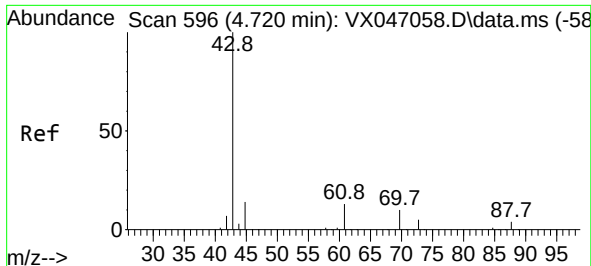
Tgt Ion:114 Resp: 416825
Ion Ratio Lower Upper
114 100
63 21.1 0.0 43.2
88 16.7 0.0 33.8



#35
Dibromofluoromethane
Concen: 49.441 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047270.D
Acq: 08 Aug 2025 14:48

Tgt Ion:113 Resp: 127243
Ion Ratio Lower Upper
113 100
111 103.1 82.6 124.0
192 17.8 14.9 22.3





#37

Ethyl Acetate

Concen: 3.617 ug/l

RT: 4.745 min Scan# 60

Delta R.T. 0.025 min

Lab File: VX047270.D

Acq: 08 Aug 2025 14:48

Instrument :

MSVOA_X

ClientSampleId :

TP-5

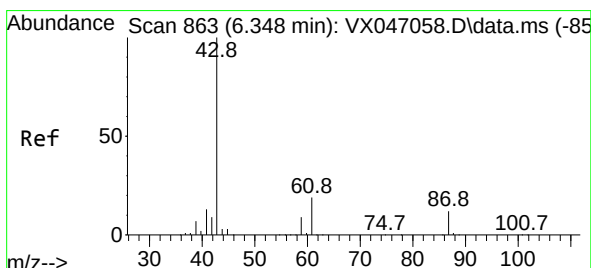
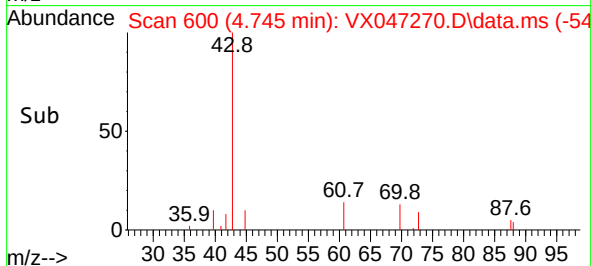
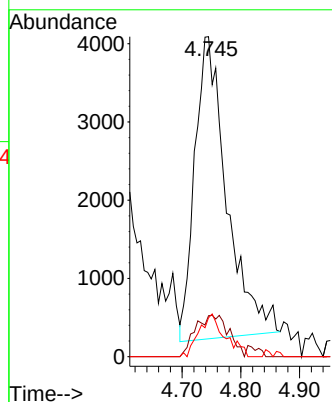
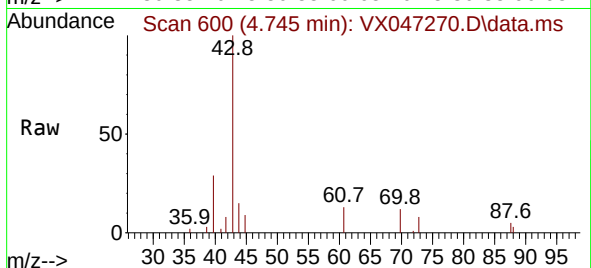
Tgt Ion: 43 Resp: 14620

Ion Ratio Lower Upper

43 100

61 14.2 10.2 15.2

70 11.4 8.1 12.1



#43

Isopropyl Acetate

Concen: 1.938 ug/l

RT: 6.361 min Scan# 865

Delta R.T. 0.013 min

Lab File: VX047270.D

Acq: 08 Aug 2025 14:48

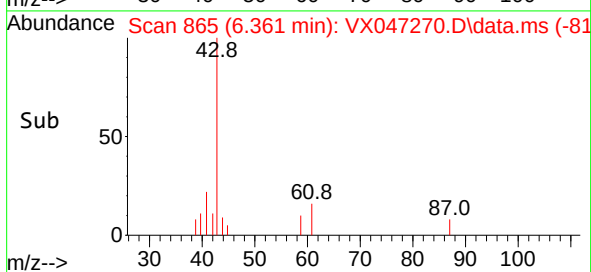
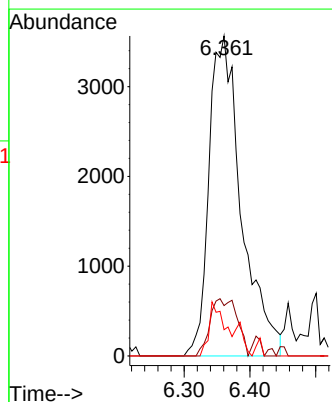
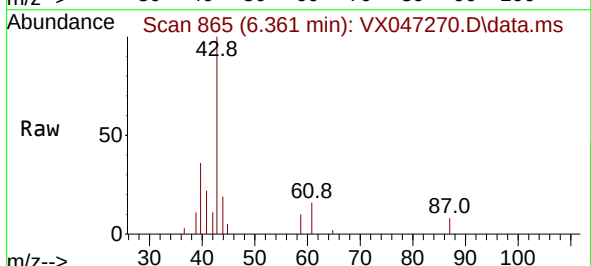
Tgt Ion: 43 Resp: 12216

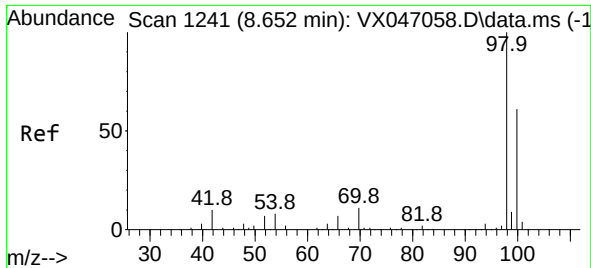
Ion Ratio Lower Upper

43 100

61 15.0 15.1 22.7#

87 8.1 9.7 14.5#

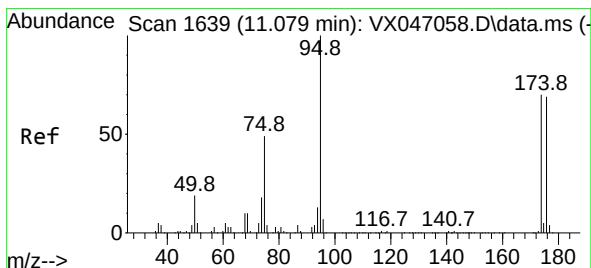
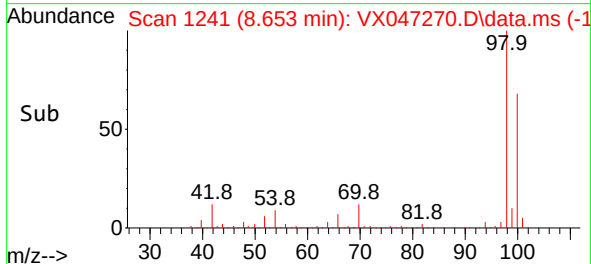
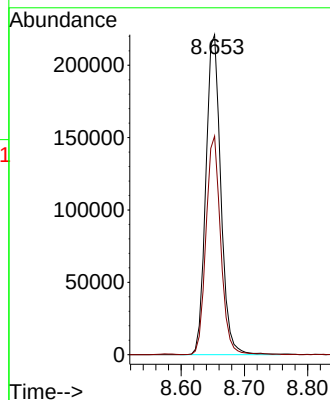
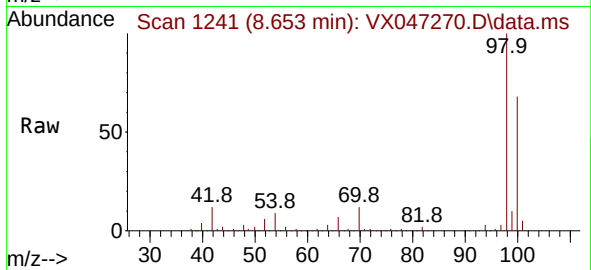




#50
Toluene-d8
Concen: 43.698 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047270.D
Acq: 08 Aug 2025 14:48

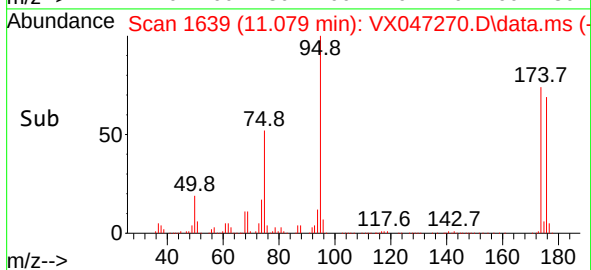
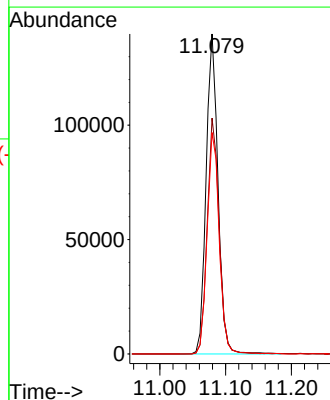
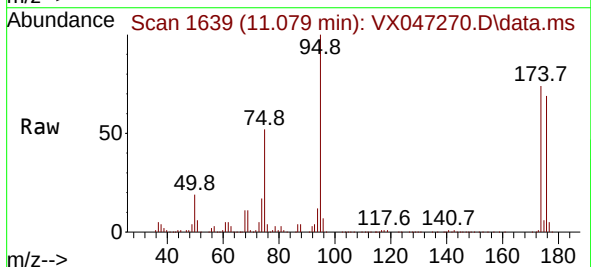
Instrument :
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TP-5

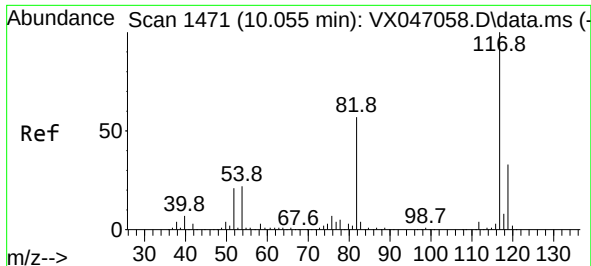
Tgt Ion: 98 Resp: 364204
Ion Ratio Lower Upper
98 100
100 66.9 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 48.916 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047270.D
Acq: 08 Aug 2025 14:48

Tgt Ion: 95 Resp: 175695
Ion Ratio Lower Upper
95 100
174 74.2 0.0 144.6
176 70.7 0.0 139.6

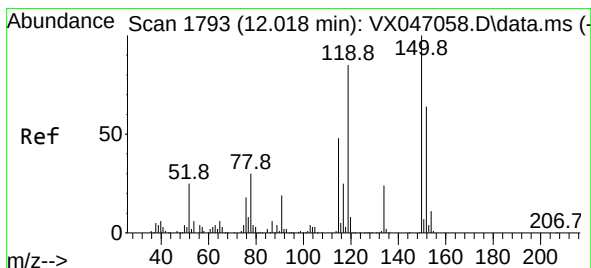
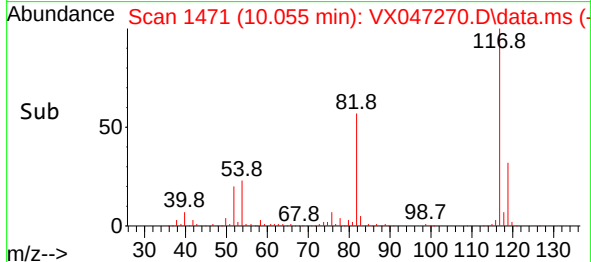
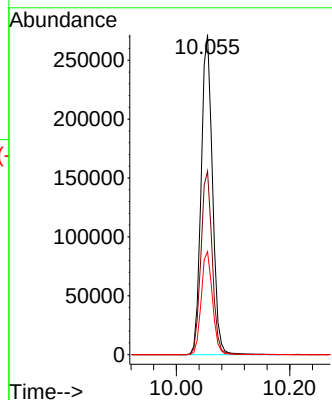
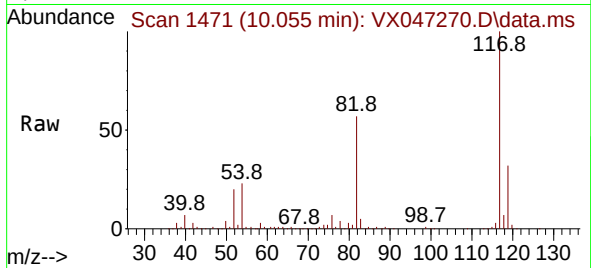




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047270.D
Acq: 08 Aug 2025 14:48

Instrument :
MSVOA_X
ClientSampleId :
TP-5

Tgt Ion:117 Resp: 376801
Ion Ratio Lower Upper
117 100
82 57.4 45.4 68.2
119 32.2 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: VX047270.D
Acq: 08 Aug 2025 14:48

Tgt Ion:152 Resp: 192624
Ion Ratio Lower Upper
152 100
115 61.9 45.6 136.7
150 159.5 0.0 354.6

