

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102125\
 Data File : VX048266.D
 Acq On : 21 Oct 2025 14:00
 Operator : JC/MD
 Sample : Q3374-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-5-WC

Quant Time: Oct 24 04:27:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

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

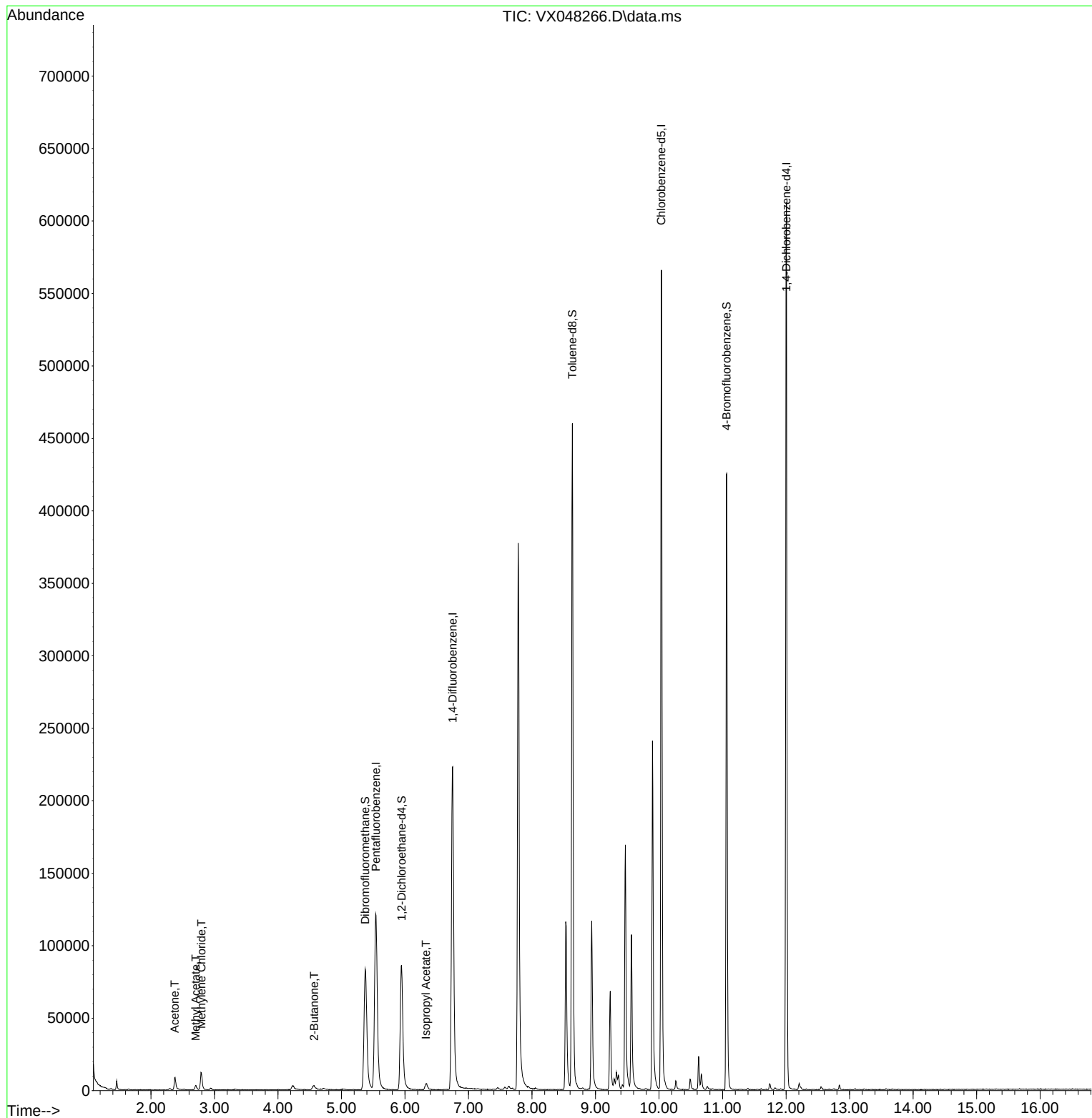
Internal Standards						
1) Pentafluorobenzene	5.544	168	127477	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	252810	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	265129	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	134830	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	96921	54.227	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 108.460%	
35) Dibromofluoromethane	5.373	113	82084	47.560	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 95.120%	
50) Toluene-d8	8.634	98	286845	47.416	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 94.840%	
62) 4-Bromofluorobenzene	11.061	95	125243	54.420	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 108.840%	
Target Compounds						
					Qvalue	
16) Acetone	2.373	43	11413	18.614	ug/l	93
18) Methyl Acetate	2.703	43	4208	3.286	ug/l	96
20) Methylene Chloride	2.794	84	6079	4.069	ug/l #	84
25) 2-Butanone	4.568	43	5790	7.460	ug/l	100
43) Isopropyl Acetate	6.330	43	6589	1.973	ug/l	96

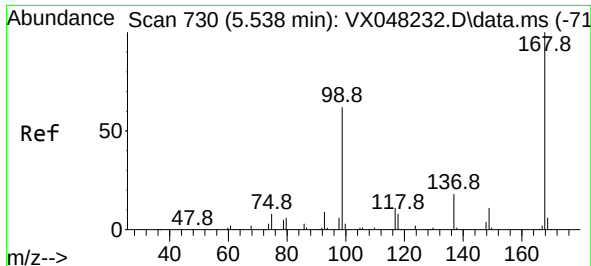
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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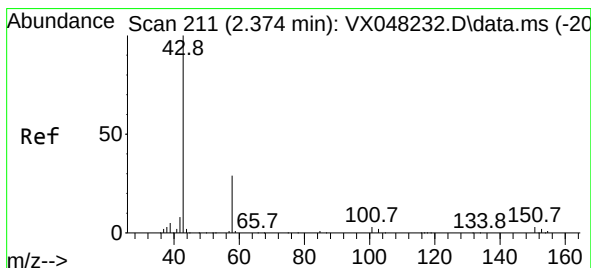
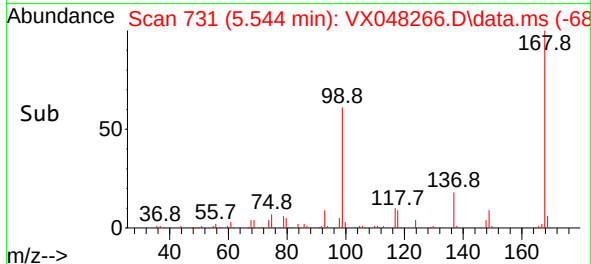
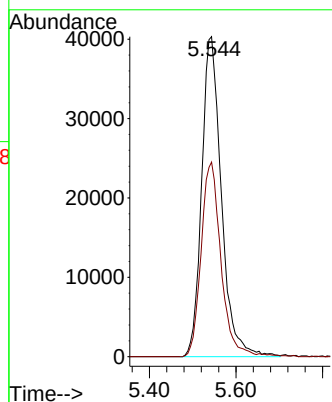
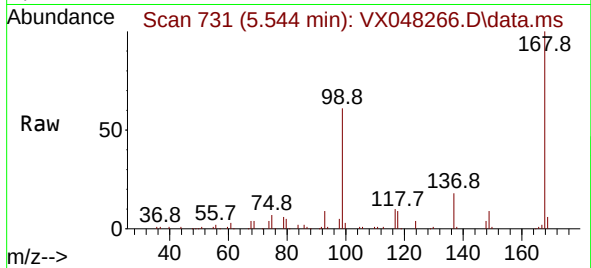




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048266.D
Acq: 21 Oct 2025 14:00

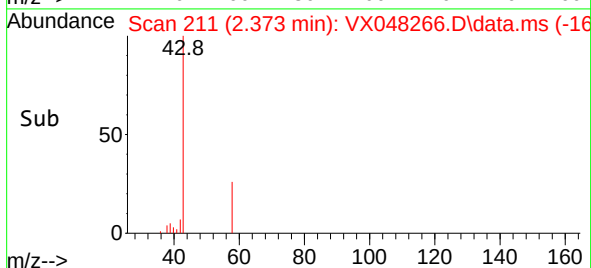
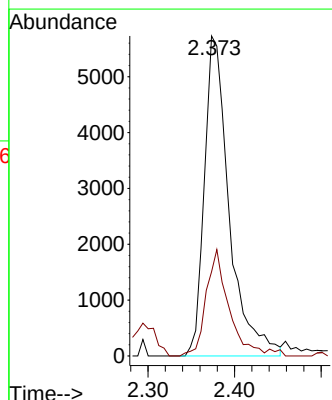
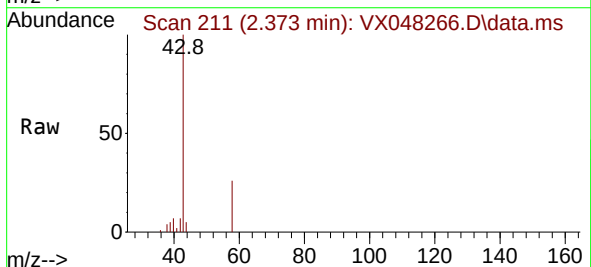
Instrument :
MSVOA_X
ClientSampleId :
TP-5-WC

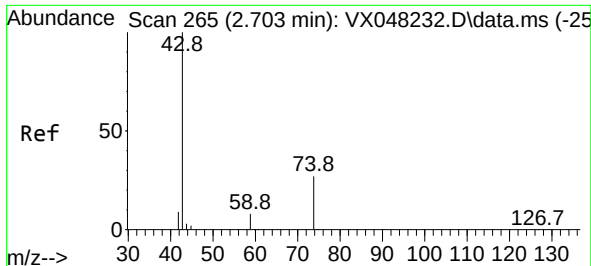
Tgt Ion:168 Resp: 127477
Ion Ratio Lower Upper
168 100
99 60.8 46.4 69.6



#16
Acetone
Concen: 18.614 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048266.D
Acq: 21 Oct 2025 14:00

Tgt Ion: 43 Resp: 11413
Ion Ratio Lower Upper
43 100
58 25.7 23.4 35.2

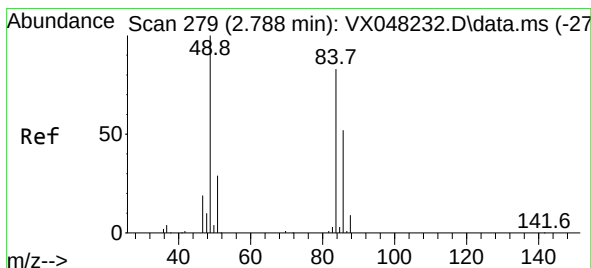
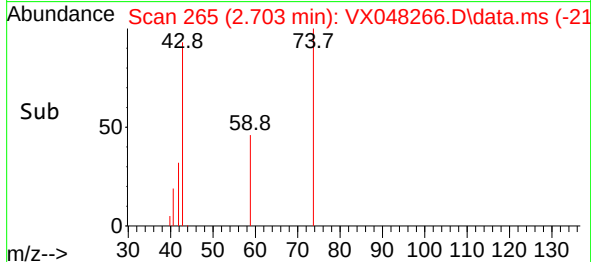
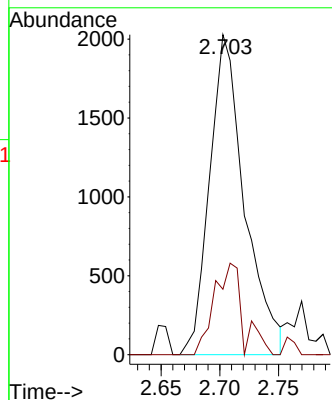
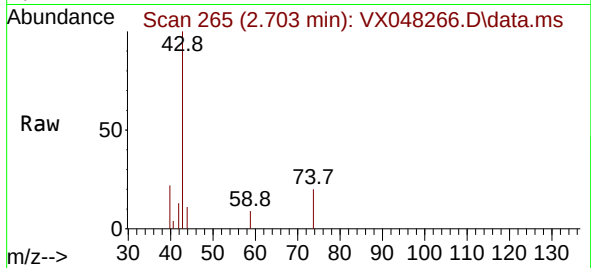




#18
Methyl Acetate
Concen: 3.286 ug/l
RT: 2.703 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX048266.D
Acq: 21 Oct 2025 14:00

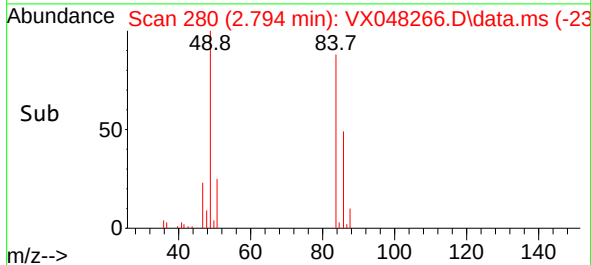
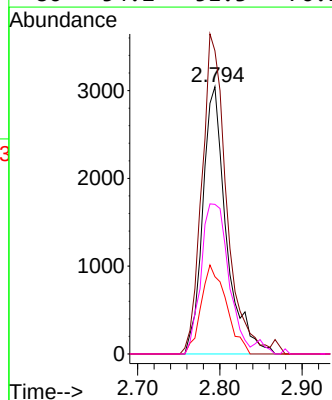
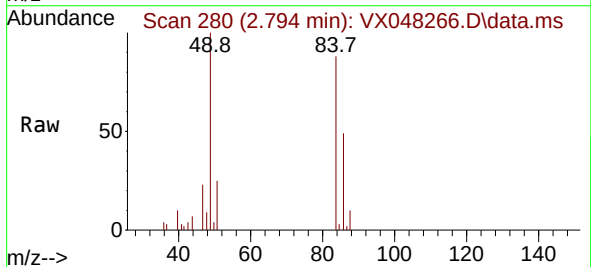
Instrument :
MSVOA_X
ClientSampleId :
TP-5-WC

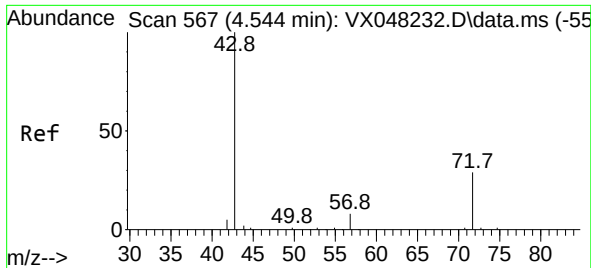
Tgt Ion: 43 Resp: 4208
Ion Ratio Lower Upper
43 100
74 23.6 17.5 26.3



#20
Methylene Chloride
Concen: 4.069 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX048266.D
Acq: 21 Oct 2025 14:00

Tgt Ion: 84 Resp: 6079
Ion Ratio Lower Upper
84 100
49 109.8 104.1 156.1
51 28.0 31.3 46.9#
86 54.2 51.3 76.9

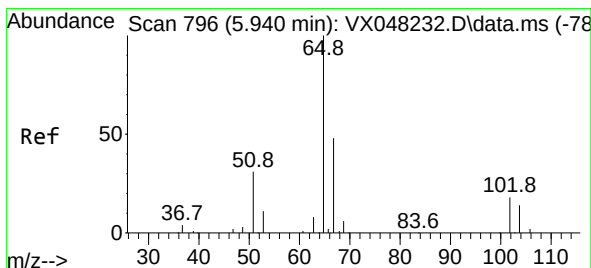
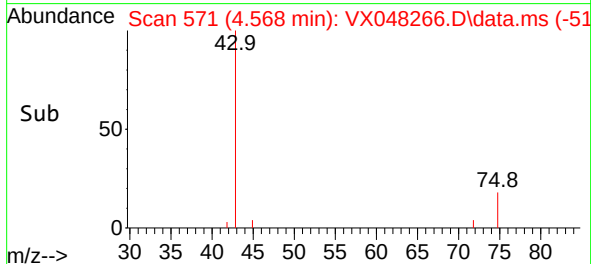
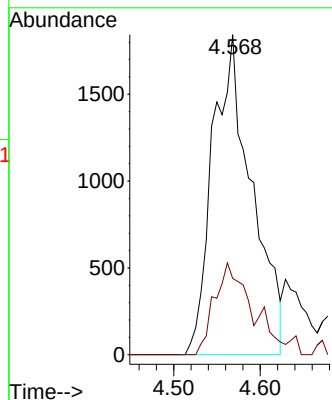
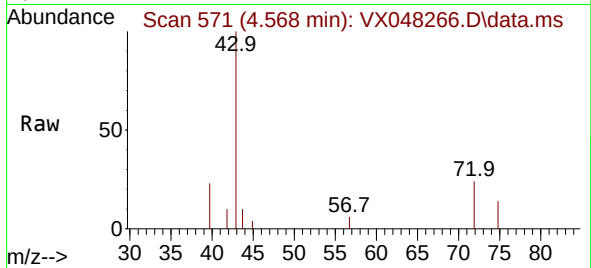




#25
2-Butanone
Concen: 7.460 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.030 min
Lab File: VX048266.D
Acq: 21 Oct 2025 14:00

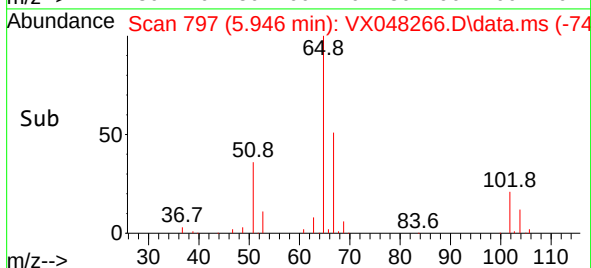
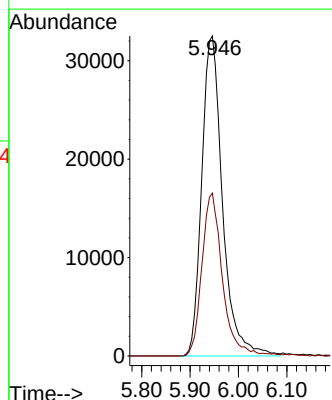
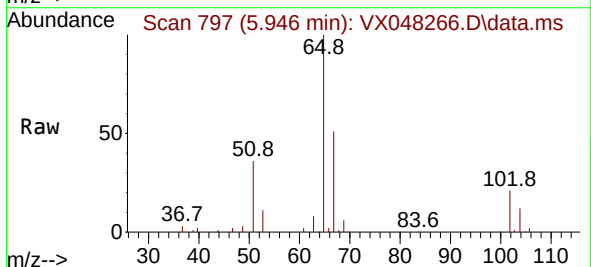
Instrument :
MSVOA_X
ClientSampleId :
TP-5-WC

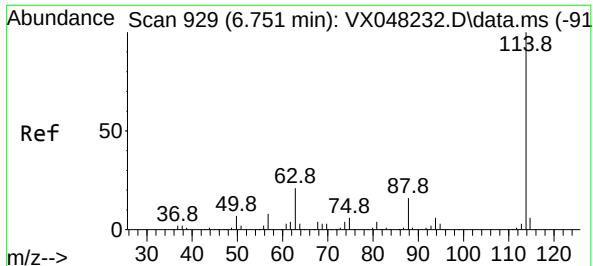
Tgt Ion: 43 Resp: 5790
Ion Ratio Lower Upper
43 100
72 24.7 19.9 29.9



#33
1,2-Dichloroethane-d4
Concen: 54.227 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX048266.D
Acq: 21 Oct 2025 14:00

Tgt Ion: 65 Resp: 96921
Ion Ratio Lower Upper
65 100
67 50.4 0.0 105.0

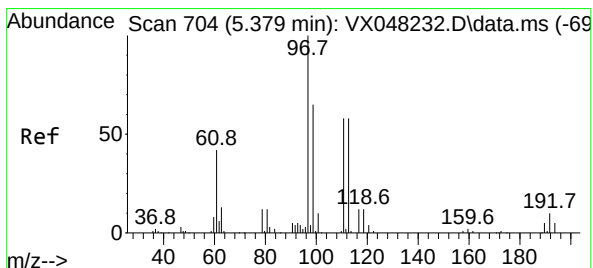
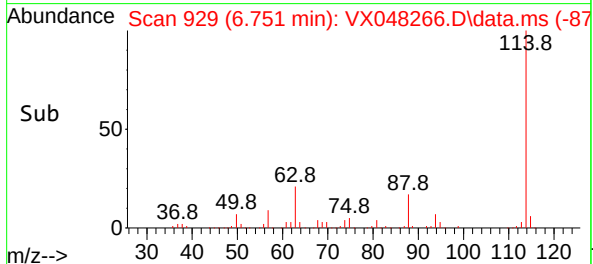
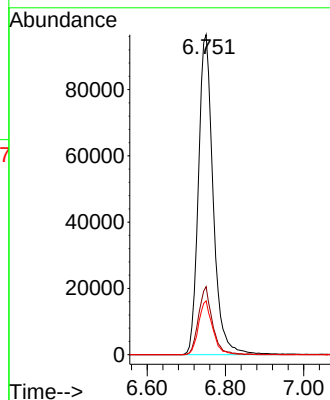
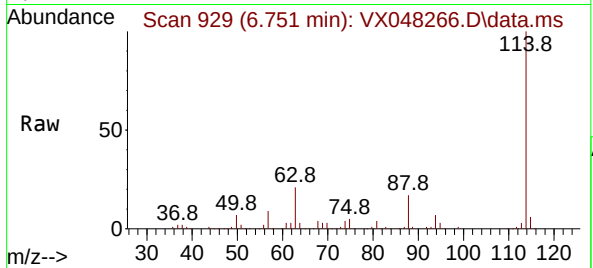




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX048266.D
Acq: 21 Oct 2025 14:00

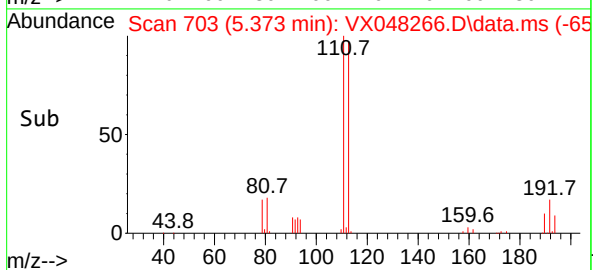
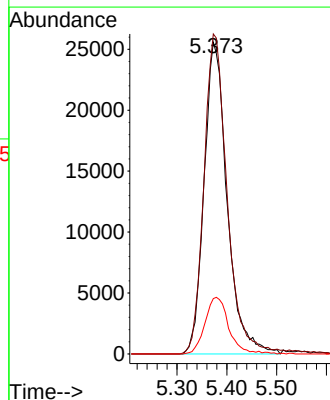
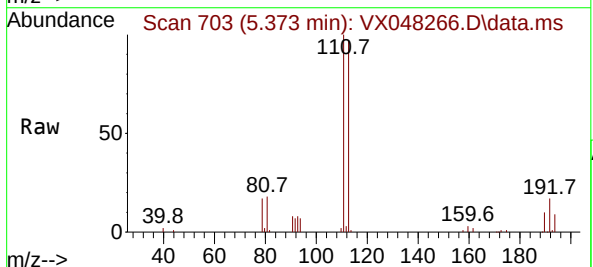
Instrument :
MSVOA_X
ClientSampleId :
TP-5-WC

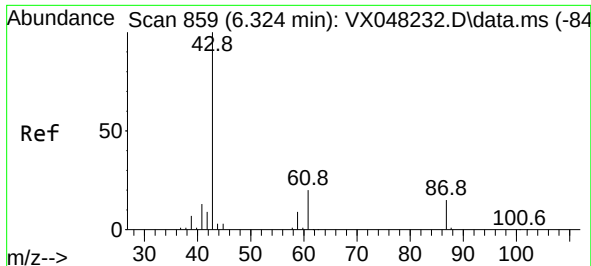
Tgt Ion:114 Resp: 252810
Ion Ratio Lower Upper
114 100
63 21.3 0.0 43.2
88 16.8 0.0 33.6



#35
Dibromofluoromethane
Concen: 47.560 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048266.D
Acq: 21 Oct 2025 14:00

Tgt Ion:113 Resp: 82084
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.4
192 18.7 15.1 22.7

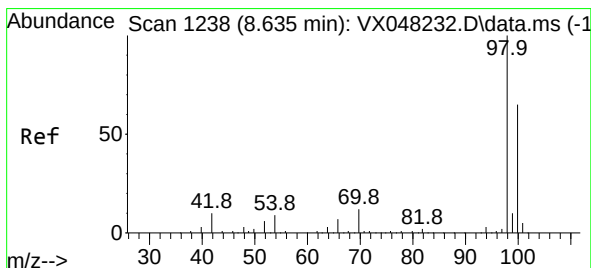
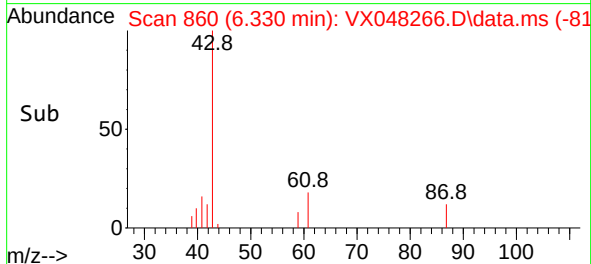
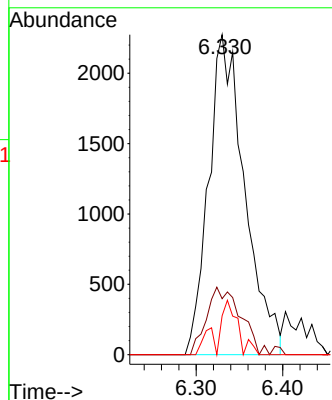
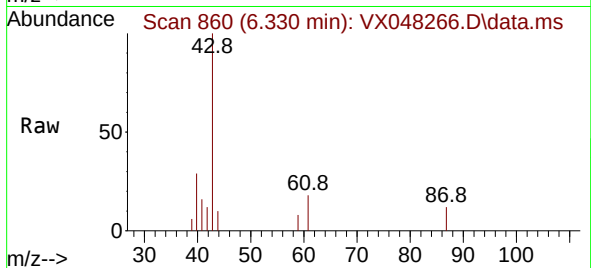




#43
Isopropyl Acetate
Concen: 1.973 ug/l
RT: 6.330 min Scan# 860
Delta R.T. 0.006 min
Lab File: VX048266.D
Acq: 21 Oct 2025 14:00

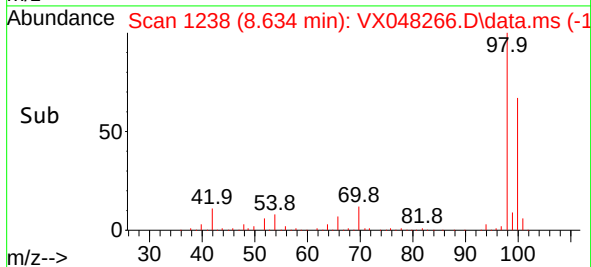
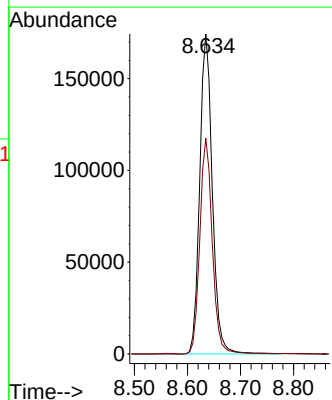
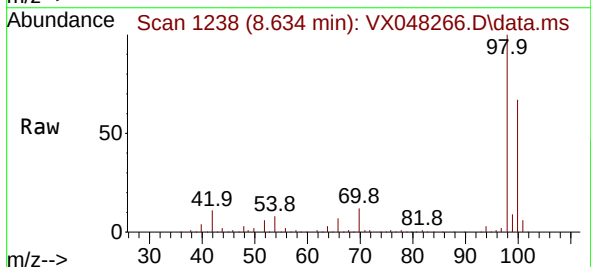
Instrument :
MSVOA_X
ClientSampleId :
TP-5-WC

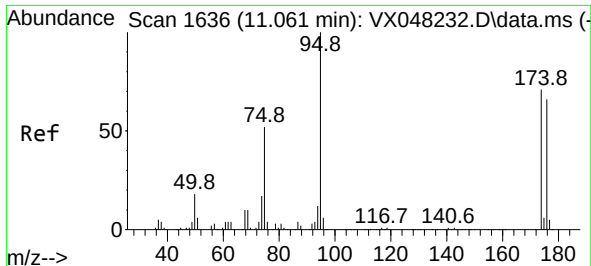
Tgt Ion: 43 Resp: 6589
Ion Ratio Lower Upper
43 100
61 19.9 14.9 22.3
87 10.0 9.4 14.2



#50
Toluene-d8
Concen: 47.416 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048266.D
Acq: 21 Oct 2025 14:00

Tgt Ion: 98 Resp: 286845
Ion Ratio Lower Upper
98 100
100 66.8 53.0 79.4





#62

4-Bromofluorobenzene

Concen: 54.420 ug/l

RT: 11.061 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX048266.D

Acq: 21 Oct 2025 14:00

Instrument :

MSVOA_X

ClientSampleId :

TP-5-WC

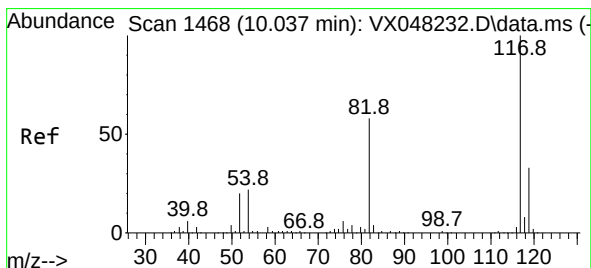
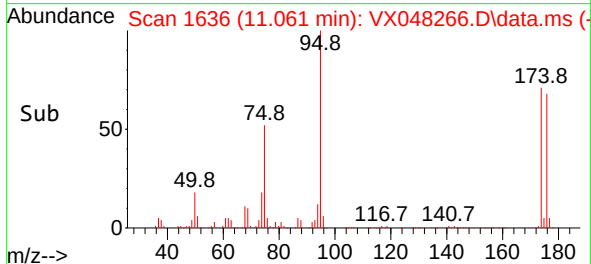
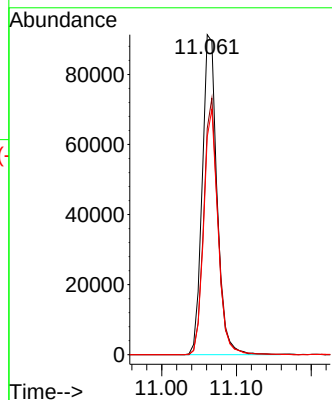
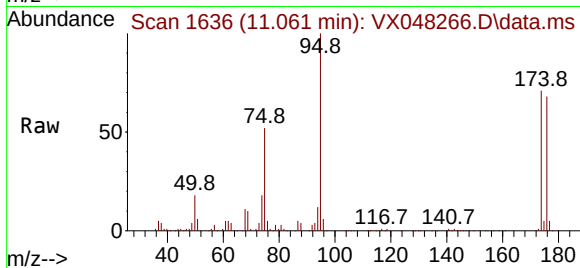
Tgt Ion: 95 Resp: 125243

Ion Ratio Lower Upper

95 100

174 77.7 0.0 147.8

176 74.4 0.0 142.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.037 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VX048266.D

Acq: 21 Oct 2025 14:00

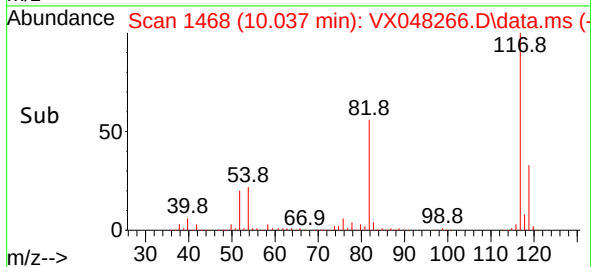
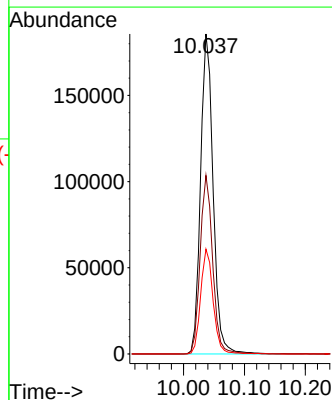
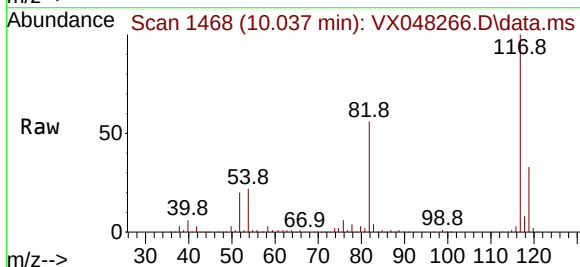
Tgt Ion: 117 Resp: 265129

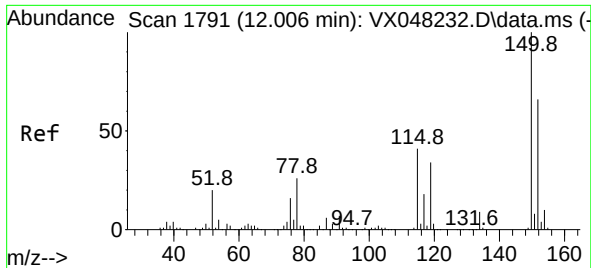
Ion Ratio Lower Upper

117 100

82 55.8 46.5 69.7

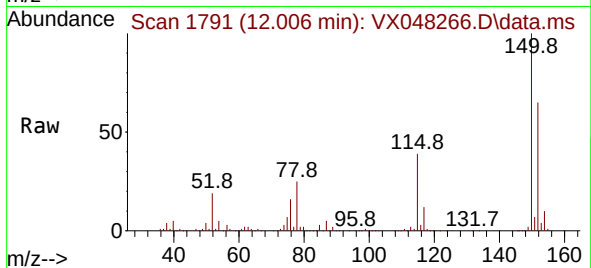
119 32.8 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX048266.D
 Acq: 21 Oct 2025 14:00

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-5-WC



Tgt Ion:152 Resp: 134830
 Ion Ratio Lower Upper
 152 100
 115 61.7 43.1 129.4
 150 157.6 0.0 353.0

