

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
 Data File : VX048294.D
 Acq On : 22 Oct 2025 13:46
 Operator : JC/MD
 Sample : Q3412-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-6

Quant Time: Oct 24 05:54:25 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)

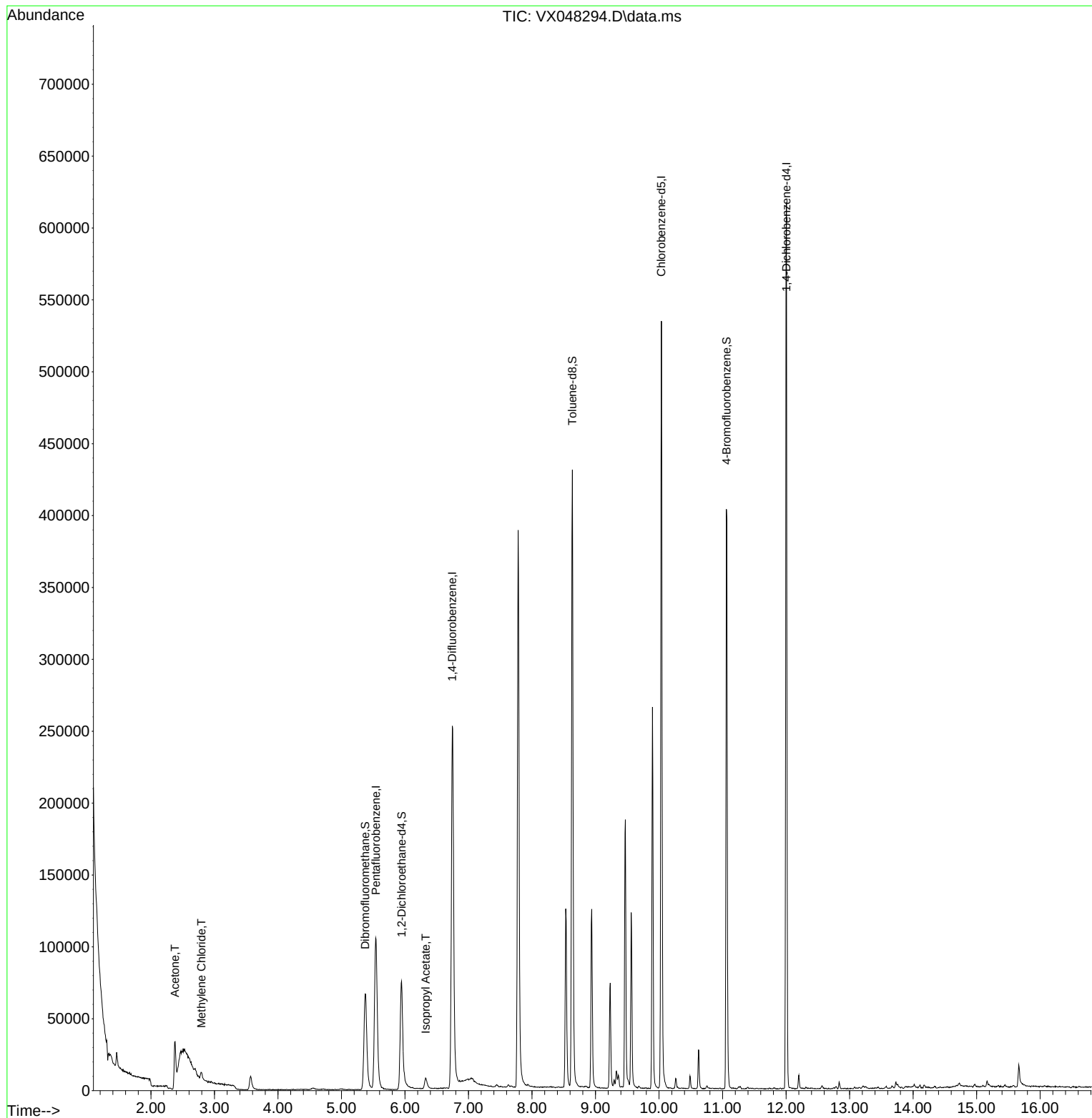
Internal Standards						
1) Pentafluorobenzene	5.544	168	111804	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	280603	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	251721	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	132683	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	84910	54.167	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	108.340%
35) Dibromofluoromethane	5.373	113	68133	35.566	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	71.140%#
50) Toluene-d8	8.635	98	270506	40.286	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	80.580%#
62) 4-Bromofluorobenzene	11.061	95	119813	46.904	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.800%
Target Compounds						
						Qvalue
16) Acetone	2.380	43	42400	78.845	ug/l	99
20) Methylene Chloride	2.794	84	2435	1.858	ug/l #	90
43) Isopropyl Acetate	6.324	43	11374	3.068	ug/l	95

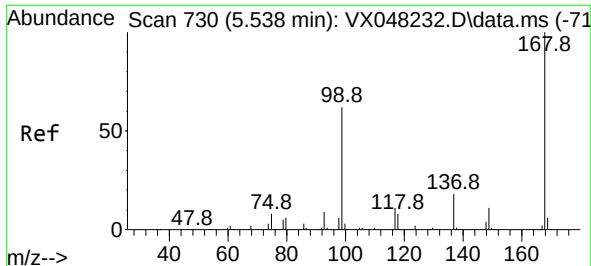
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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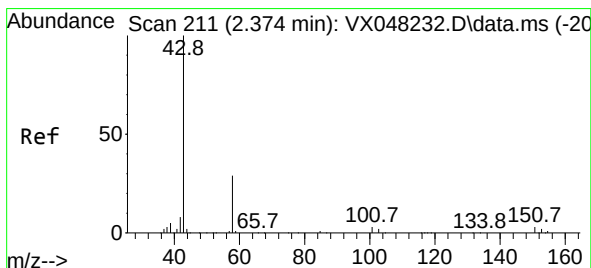
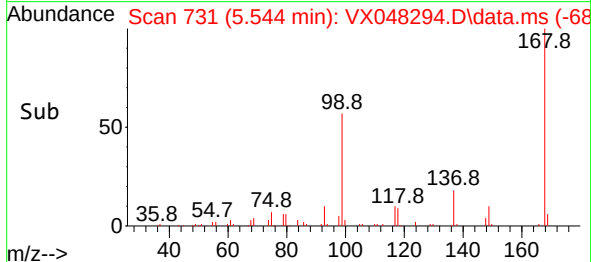
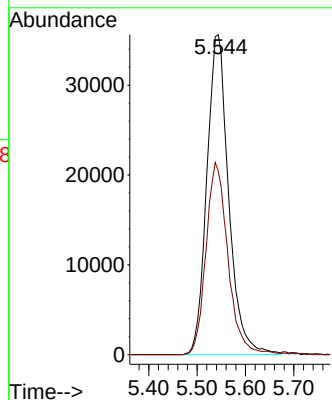
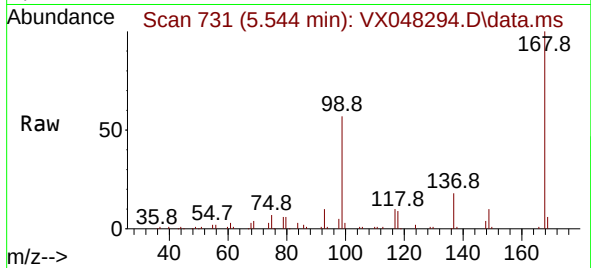




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048294.D
Acq: 22 Oct 2025 13:46

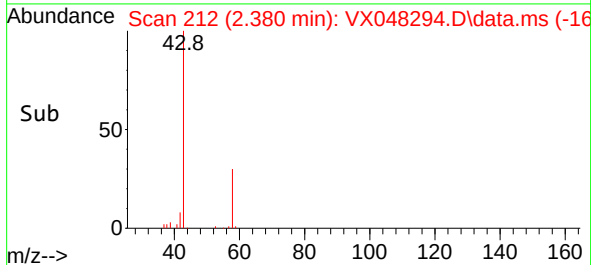
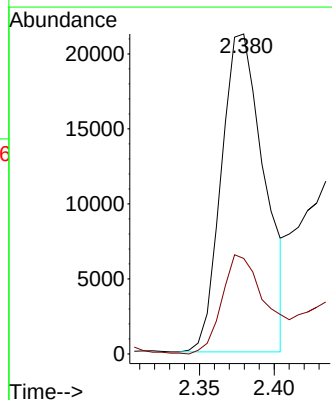
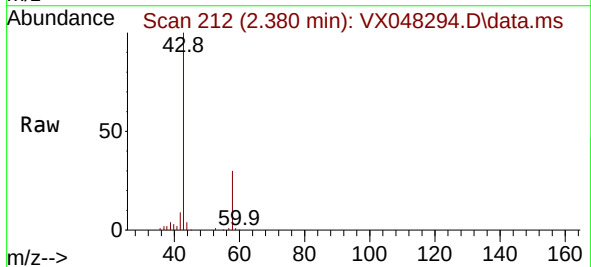
Instrument :
MSVOA_X
ClientSampleId :
TP-6

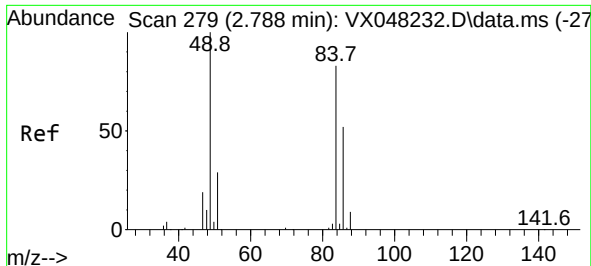
Tgt Ion:168 Resp: 111804
Ion Ratio Lower Upper
168 100
99 57.3 46.4 69.6



#16
Acetone
Concen: 78.845 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048294.D
Acq: 22 Oct 2025 13:46

Tgt Ion: 43 Resp: 42400
Ion Ratio Lower Upper
43 100
58 29.8 23.4 35.2

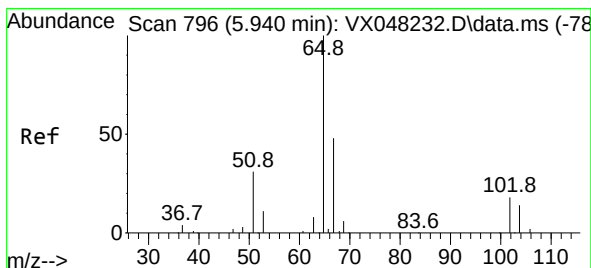
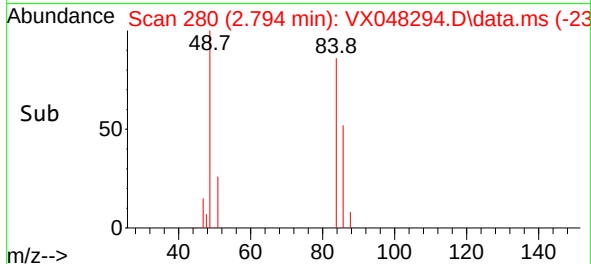
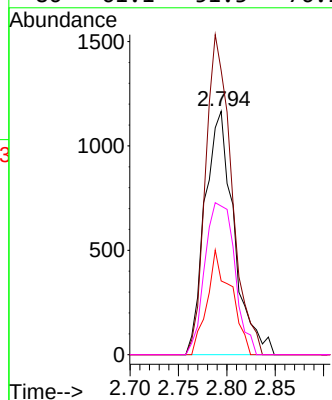
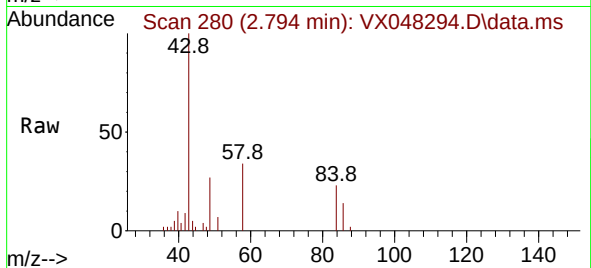




#20
Methylene Chloride
Concen: 1.858 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX048294.D
Acq: 22 Oct 2025 13:46

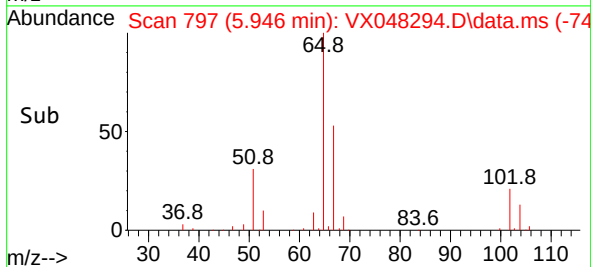
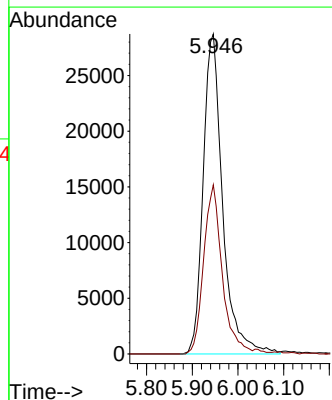
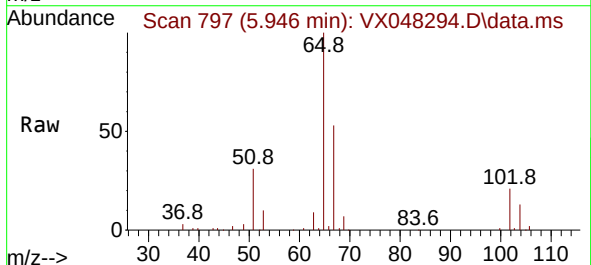
Instrument :
MSVOA_X
ClientSampleId :
TP-6

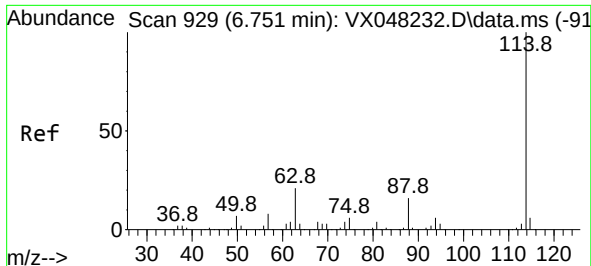
Tgt Ion:	84	Resp:	2435
Ion	Ratio	Lower	Upper
84	100		
49	116.7	104.1	156.1
51	30.3	31.3	46.9#
86	61.1	51.3	76.9



#33
1,2-Dichloroethane-d4
Concen: 54.167 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX048294.D
Acq: 22 Oct 2025 13:46

Tgt Ion:	65	Resp:	84910
Ion	Ratio	Lower	Upper
65	100		
67	50.3	0.0	105.0

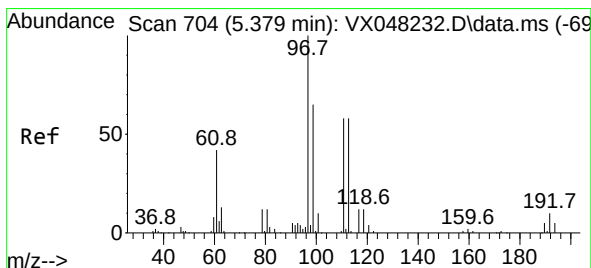
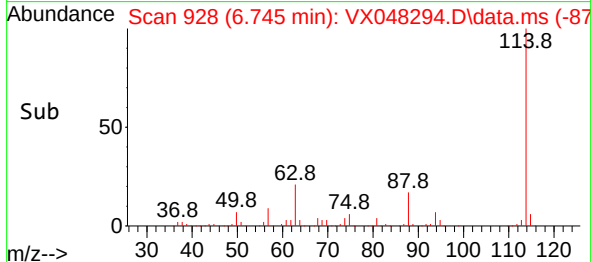
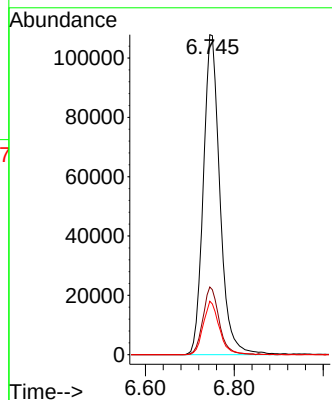
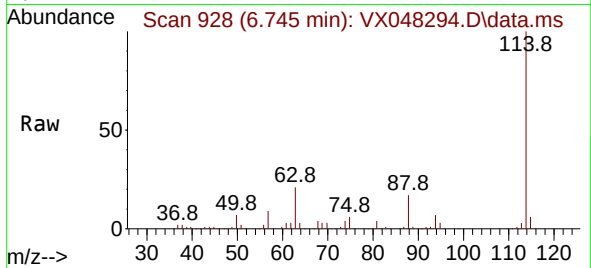




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX048294.D
Acq: 22 Oct 2025 13:46

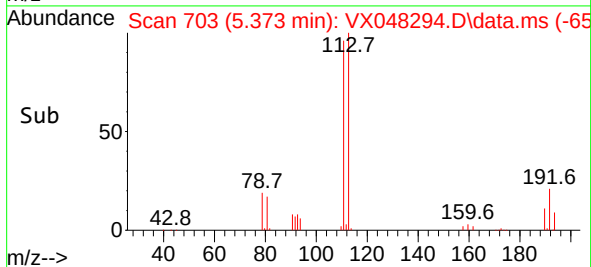
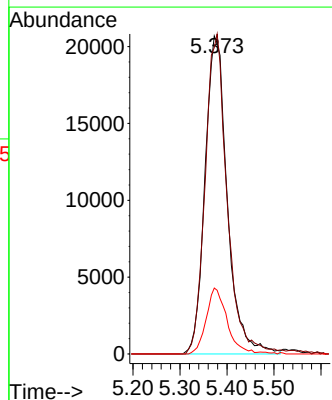
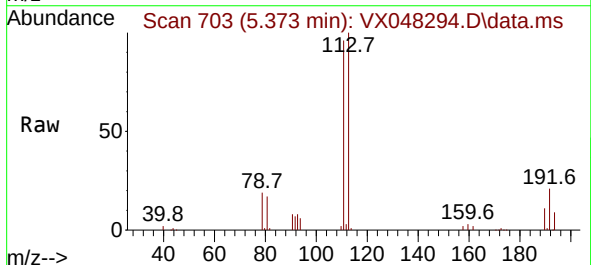
Instrument :
MSVOA_X
ClientSampleId :
TP-6

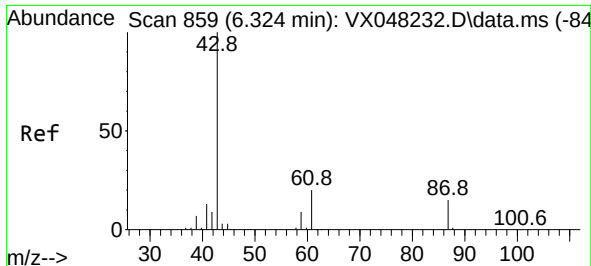
Tgt Ion:114 Resp: 280603
Ion Ratio Lower Upper
114 100
63 21.2 0.0 43.2
88 16.7 0.0 33.6



#35
Dibromofluoromethane
Concen: 35.566 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048294.D
Acq: 22 Oct 2025 13:46

Tgt Ion:113 Resp: 68133
Ion Ratio Lower Upper
113 100
111 99.4 82.2 123.4
192 19.3 15.1 22.7

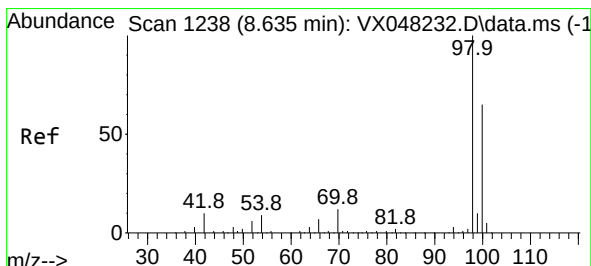
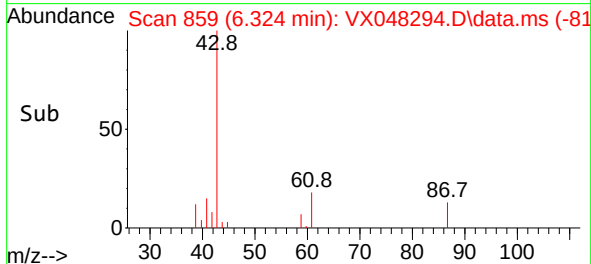
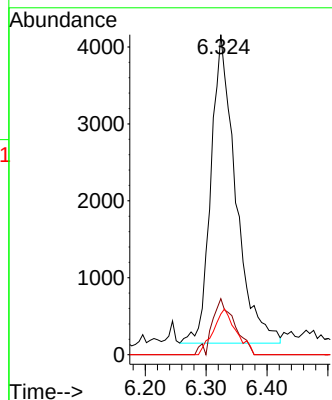
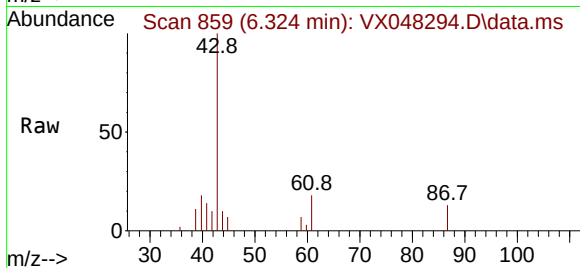




#43
Isopropyl Acetate
Concen: 3.068 ug/l
RT: 6.324 min Scan# 859
Delta R.T. -0.000 min
Lab File: VX048294.D
Acq: 22 Oct 2025 13:46

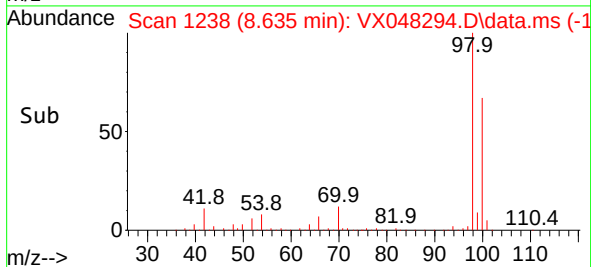
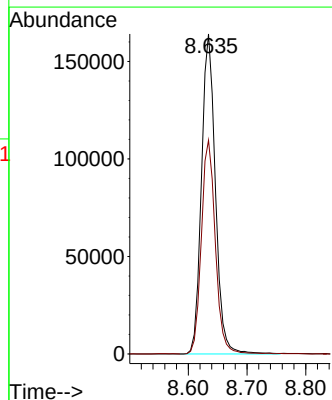
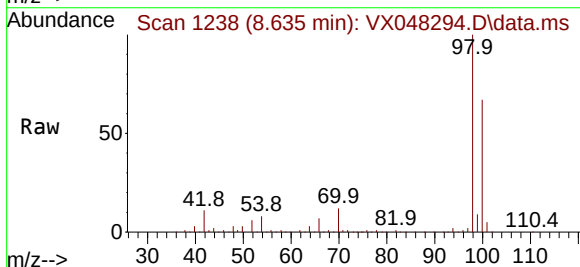
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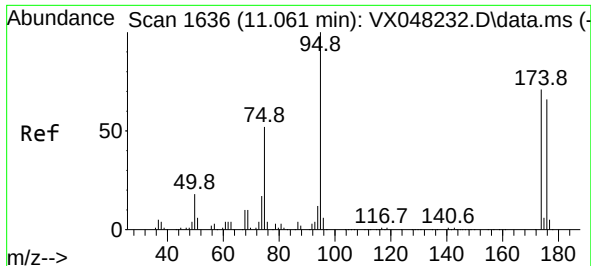
Tgt Ion:	43	Resp:	11374
Ion	Ratio	Lower	Upper
43	100		
61	16.4	14.9	22.3
87	13.5	9.4	14.2



#50
Toluene-d8
Concen: 40.286 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048294.D
Acq: 22 Oct 2025 13:46

Tgt Ion:	98	Resp:	270506
Ion	Ratio	Lower	Upper
98	100		
100	67.0	53.0	79.4





#62

4-Bromofluorobenzene

Concen: 46.904 ug/l

RT: 11.061 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX048294.D

Acq: 22 Oct 2025 13:46

Instrument :

MSVOA_X

ClientSampleId :

TP-6

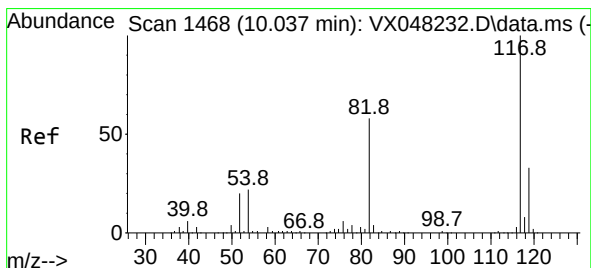
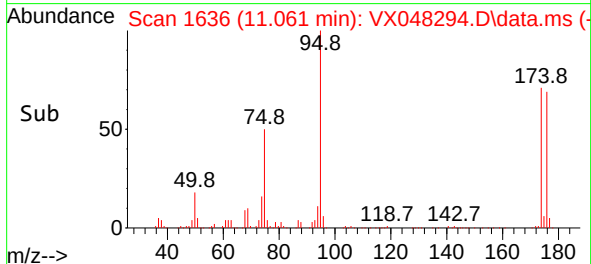
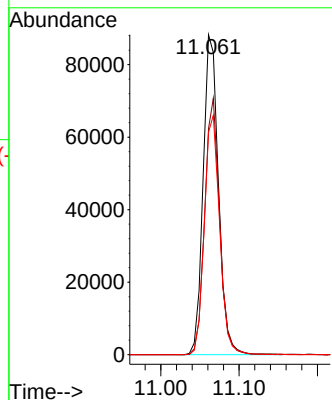
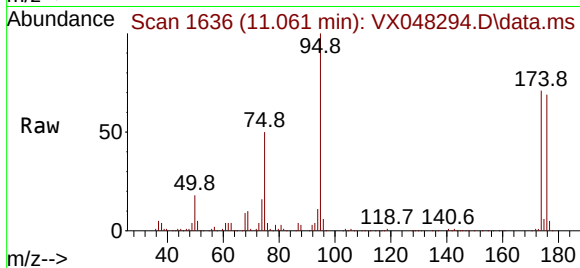
Tgt Ion: 95 Resp: 119813

Ion Ratio Lower Upper

95 100

174 78.0 0.0 147.8

176 74.6 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: VX048294.D

Acq: 22 Oct 2025 13:46

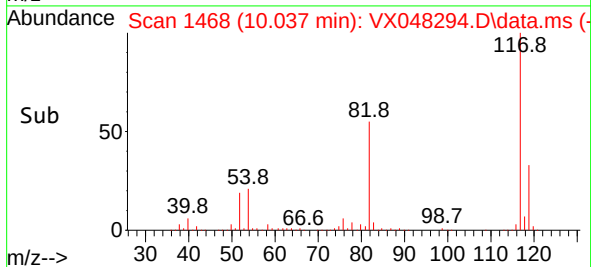
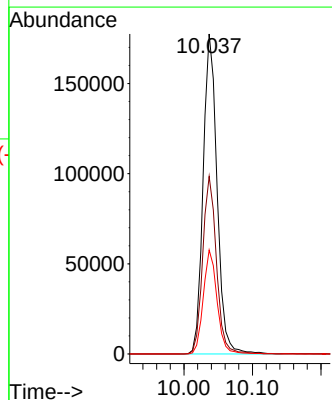
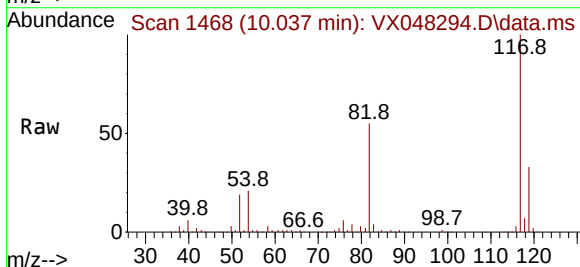
Tgt Ion: 117 Resp: 251721

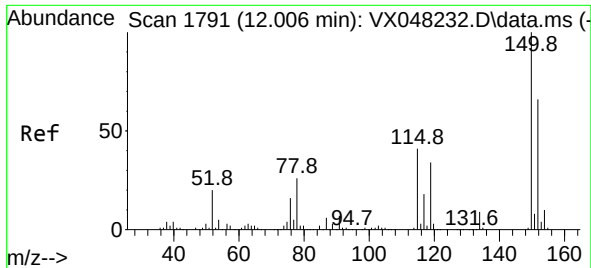
Ion Ratio Lower Upper

117 100

82 55.5 46.5 69.7

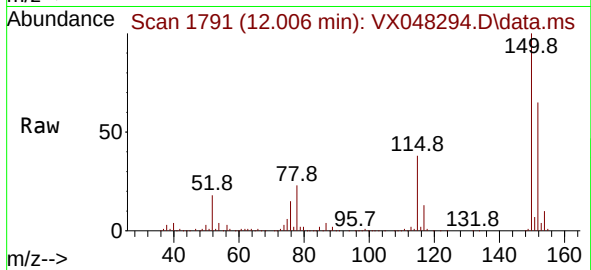
119 32.5 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX048294.D
 Acq: 22 Oct 2025 13:46

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-6



Tgt Ion:152 Resp: 132683
 Ion Ratio Lower Upper
 152 100
 115 61.0 43.1 129.4
 150 156.1 0.0 353.0

