

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102725\
 Data File : VX048377.D
 Acq On : 27 Oct 2025 17:06
 Operator : JC/MD
 Sample : Q3447-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 P001-TW2-251023-01

Quant Time: Oct 28 01:57:17 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)

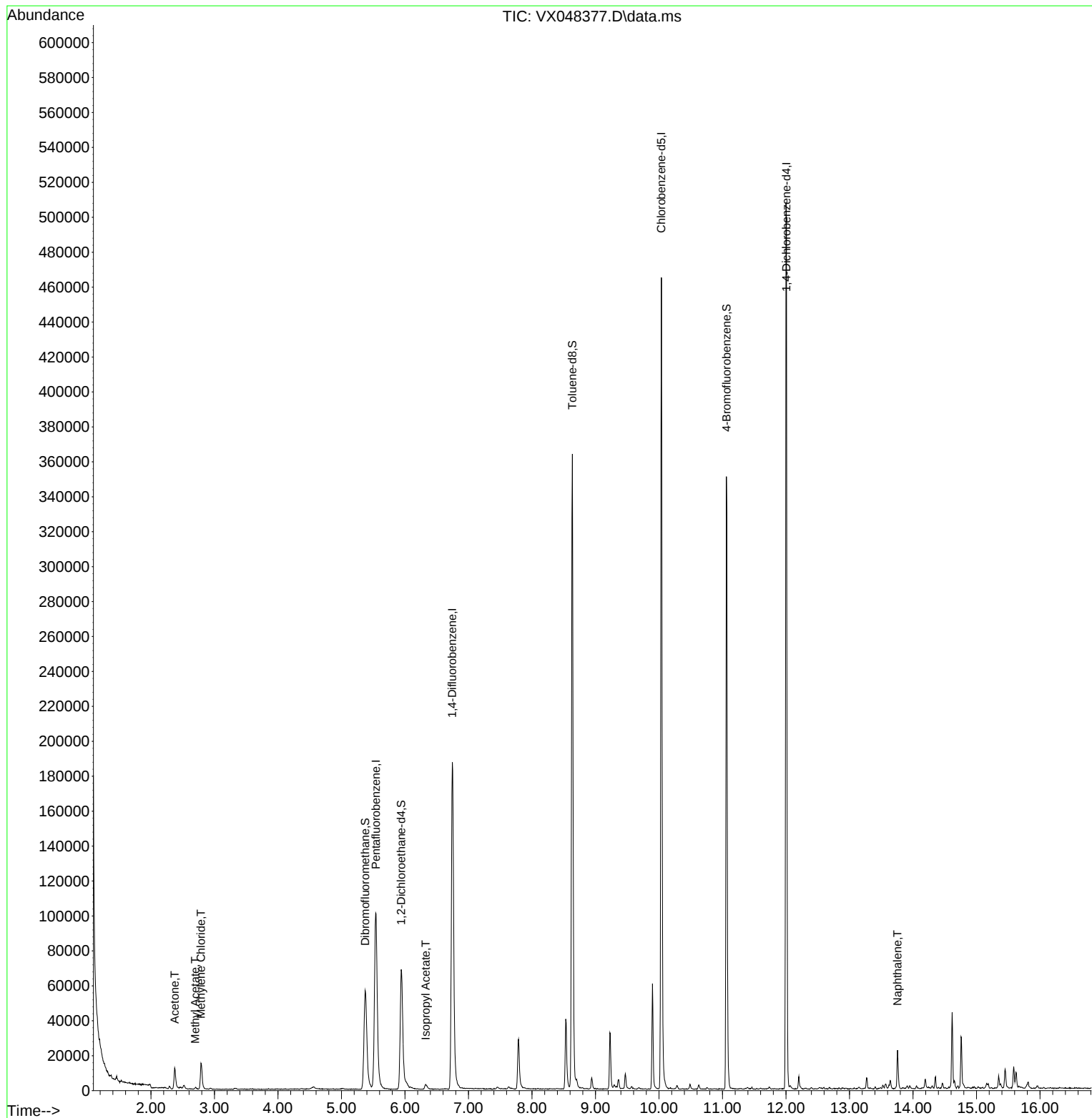
Internal Standards						
1) Pentafluorobenzene	5.544	168	101333	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	205553	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	212555	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	104644	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	76176	53.616	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	107.240%
35) Dibromofluoromethane	5.373	113	56896	40.544	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	81.080%
50) Toluene-d8	8.635	98	225582	45.862	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.720%#
62) 4-Bromofluorobenzene	11.061	95	99842	53.357	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.720%
Target Compounds						
					Qvalue	
16) Acetone	2.374	43	16344	33.533	ug/l	98
18) Methyl Acetate	2.697	43	1029	1.011	ug/l #	84
20) Methylene Chloride	2.788	84	7594	6.394	ug/l	96
43) Isopropyl Acetate	6.324	43	4337	1.597	ug/l #	89
95) Naphthalene	13.756	128	13714	2.257	ug/l	99

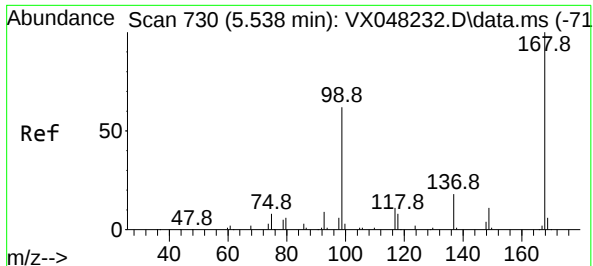
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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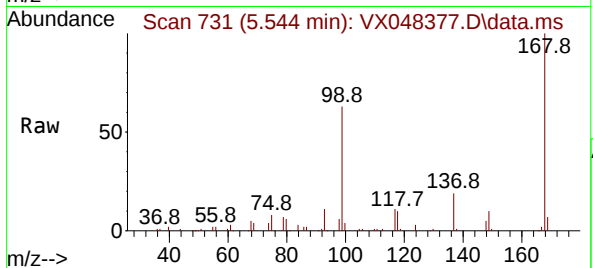
Quant Time: Oct 28 01:57:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
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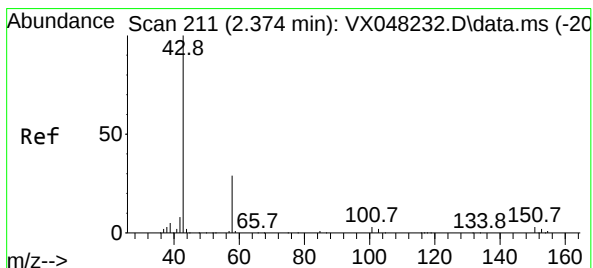
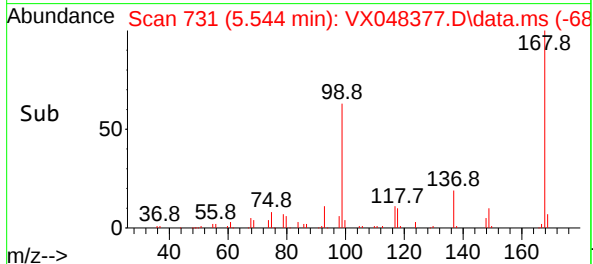
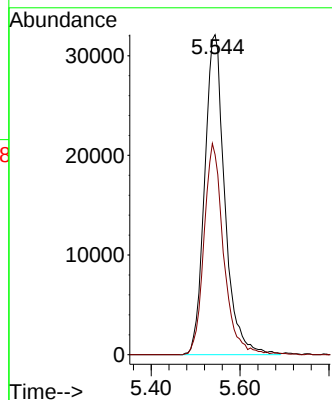


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.000 min
Lab File: VX048377.D
Acq: 27 Oct 2025 17:06

Instrument :
MSVOA_X
ClientSampleId :
P001-TW2-251023-01

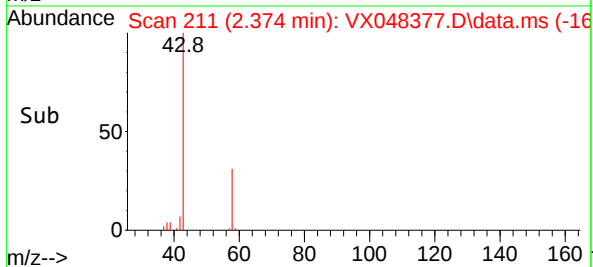
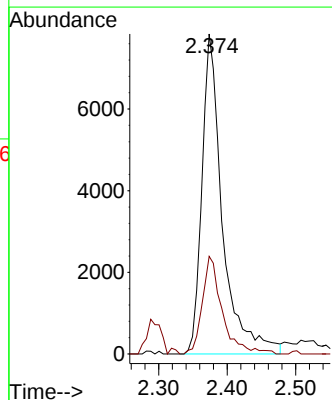
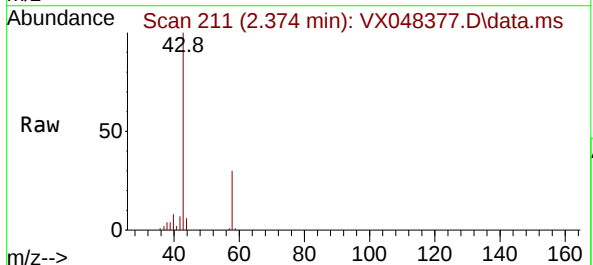


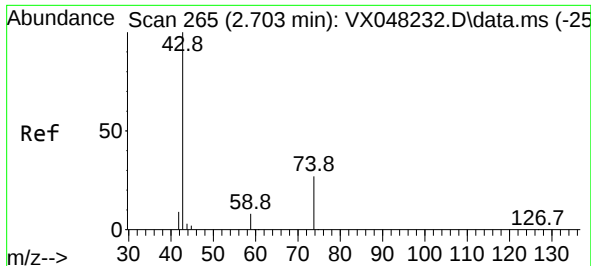
Tgt Ion:168 Resp: 101333
Ion Ratio Lower Upper
168 100
99 62.5 46.4 69.6



#16
Acetone
Concen: 33.533 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX048377.D
Acq: 27 Oct 2025 17:06

Tgt Ion: 43 Resp: 16344
Ion Ratio Lower Upper
43 100
58 30.5 23.4 35.2

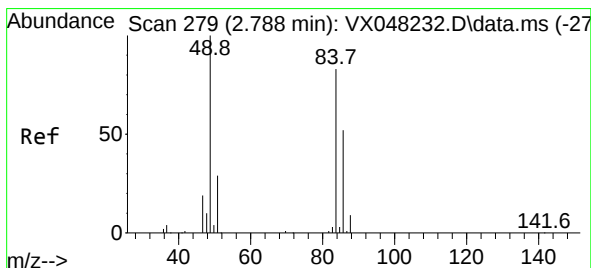
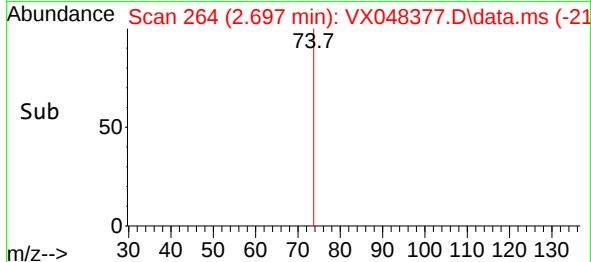
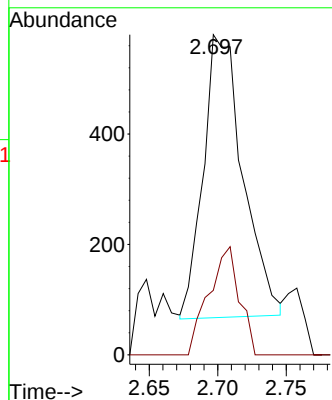
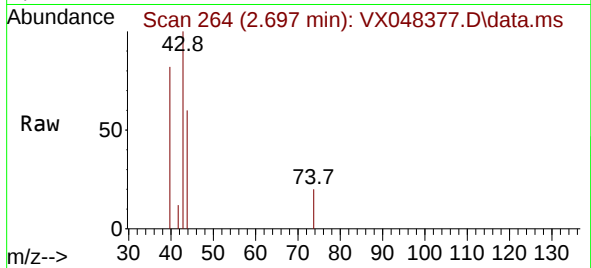




#18
Methyl Acetate
Concen: 1.011 ug/l
RT: 2.697 min Scan# 264
Delta R.T. 0.000 min
Lab File: VX048377.D
Acq: 27 Oct 2025 17:06

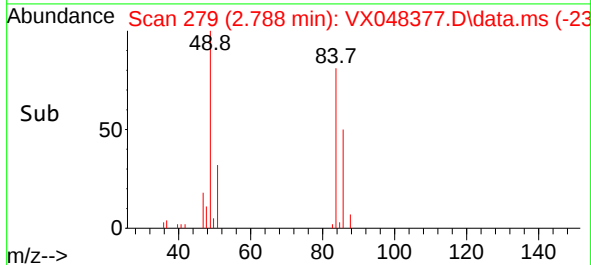
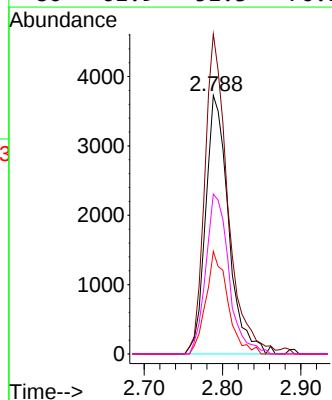
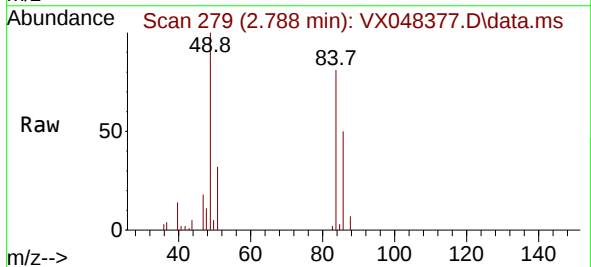
Instrument :
MSVOA_X
ClientSampleId :
P001-TW2-251023-01

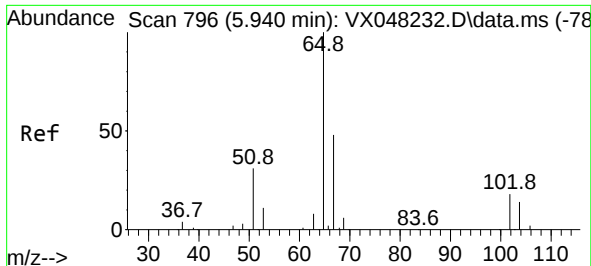
Tgt Ion: 43 Resp: 1029
Ion Ratio Lower Upper
43 100
74 29.6 17.5 26.3#



#20
Methylene Chloride
Concen: 6.394 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX048377.D
Acq: 27 Oct 2025 17:06

Tgt Ion: 84 Resp: 7594
Ion Ratio Lower Upper
84 100
49 123.8 104.1 156.1
51 39.7 31.3 46.9
86 61.9 51.3 76.9

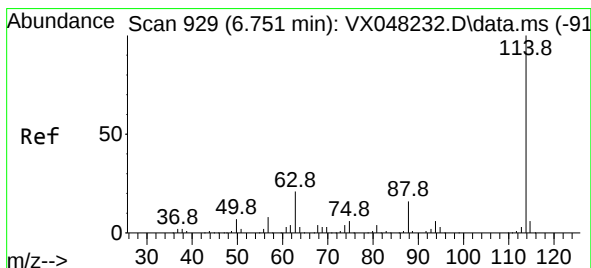
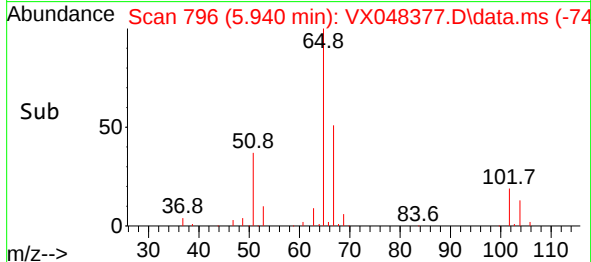
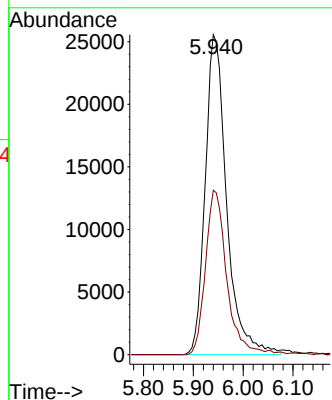
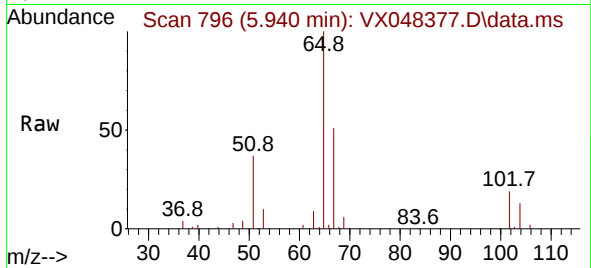




#33
 1,2-Dichloroethane-d4
 Concen: 53.616 ug/l
 RT: 5.940 min Scan# 796
 Delta R.T. 0.000 min
 Lab File: VX048377.D
 Acq: 27 Oct 2025 17:06

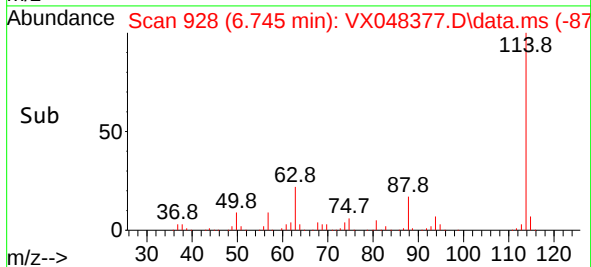
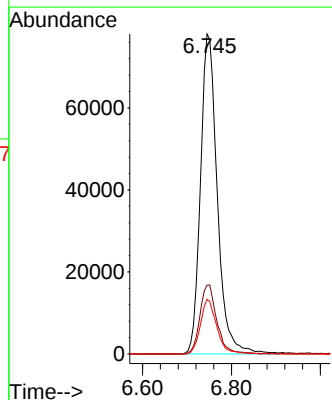
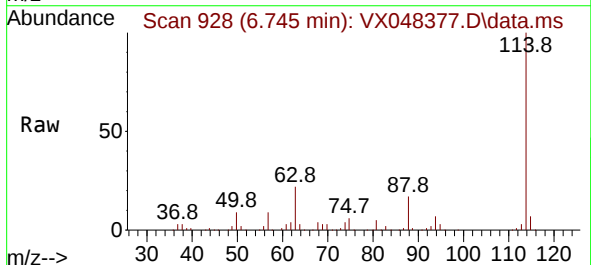
Instrument :
 MSVOA_X
 ClientSampleId :
 P001-TW2-251023-01

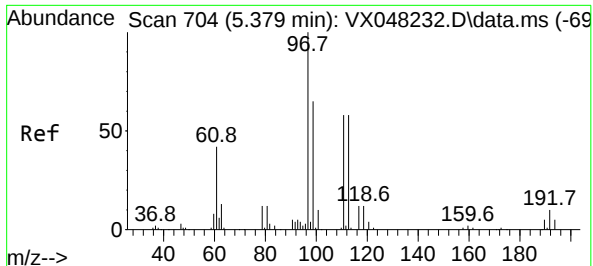
Tgt Ion: 65 Resp: 76176
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.745 min Scan# 928
 Delta R.T. -0.000 min
 Lab File: VX048377.D
 Acq: 27 Oct 2025 17:06

Tgt Ion: 114 Resp: 205553
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 43.2
 88 17.1 0.0 33.6





#35

Dibromofluoromethane

Concen: 40.544 ug/l

RT: 5.373 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX048377.D

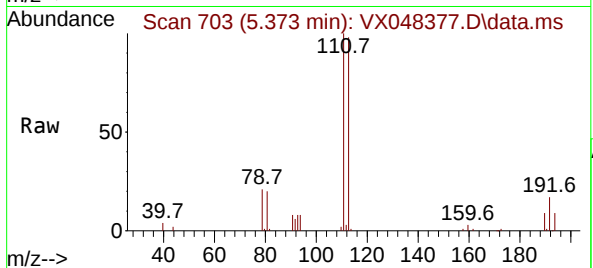
Acq: 27 Oct 2025 17:06

Instrument :

MSVOA_X

ClientSampleId :

P001-TW2-251023-01



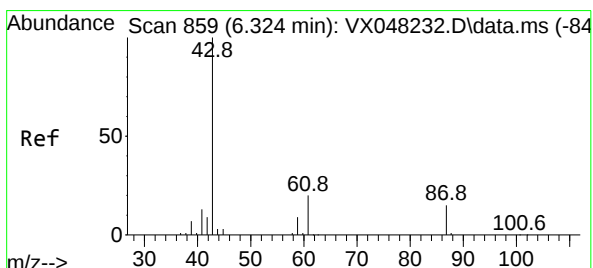
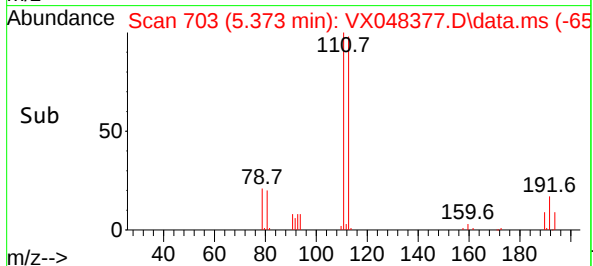
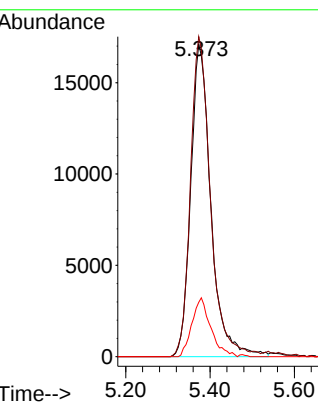
Tgt Ion:113 Resp: 56896

Ion Ratio Lower Upper

113 100

111 101.1 82.2 123.4

192 17.6 15.1 22.7



#43

Isopropyl Acetate

Concen: 1.597 ug/l

RT: 6.324 min Scan# 859

Delta R.T. 0.000 min

Lab File: VX048377.D

Acq: 27 Oct 2025 17:06

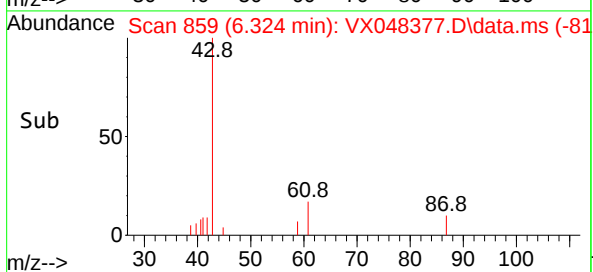
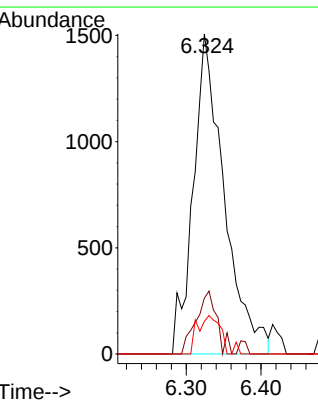
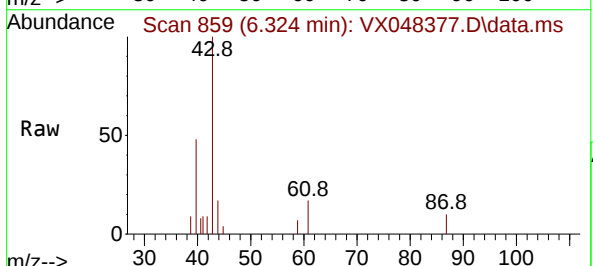
Tgt Ion: 43 Resp: 4337

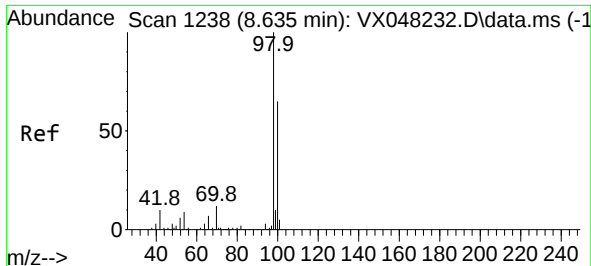
Ion Ratio Lower Upper

43 100

61 13.2 14.9 22.3#

87 8.6 9.4 14.2#

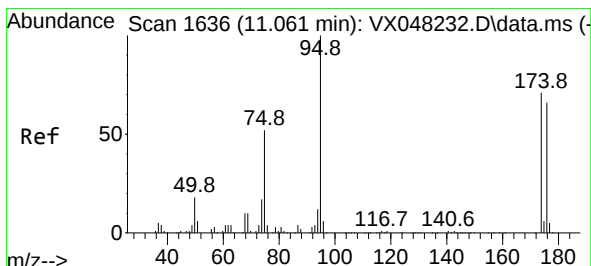
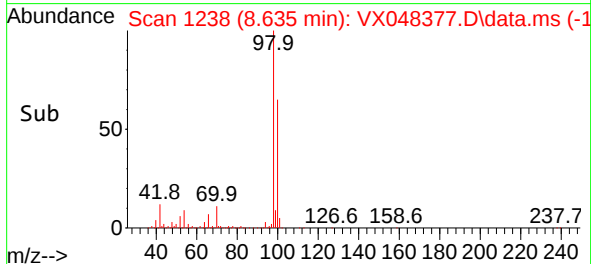
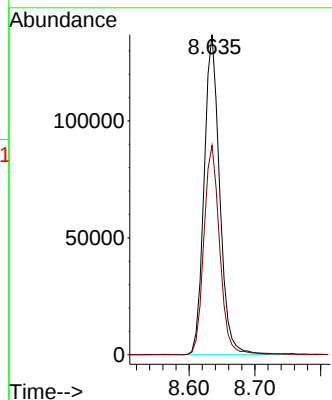
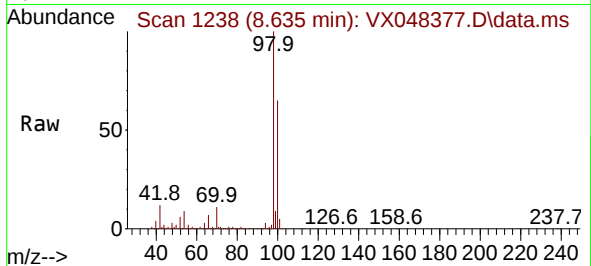




#50
Toluene-d8
Concen: 45.862 ug/l
RT: 8.635 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048377.D
Acq: 27 Oct 2025 17:06

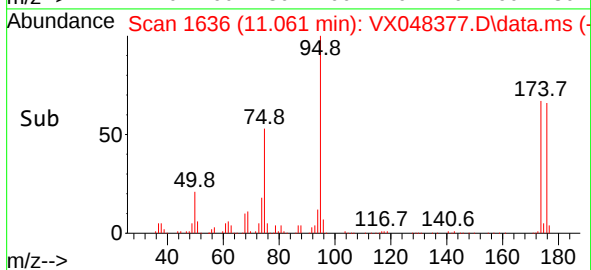
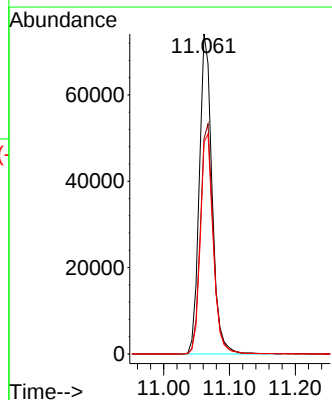
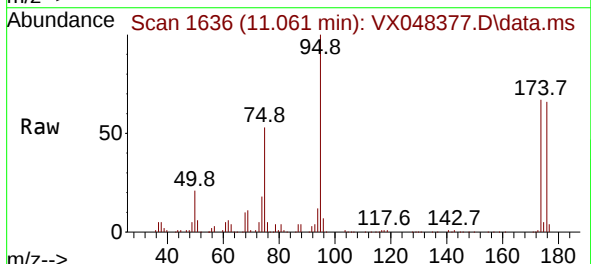
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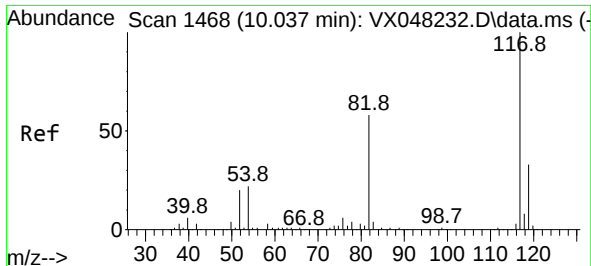
Tgt Ion: 98 Resp: 225582
Ion Ratio Lower Upper
98 100
100 66.5 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 53.357 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048377.D
Acq: 27 Oct 2025 17:06

Tgt Ion: 95 Resp: 99842
Ion Ratio Lower Upper
95 100
174 73.0 0.0 147.8
176 69.2 0.0 142.8

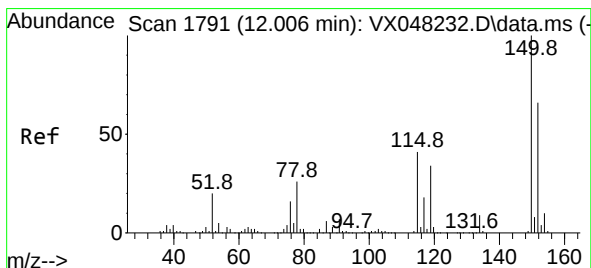
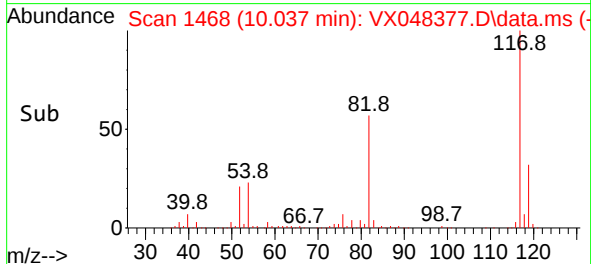
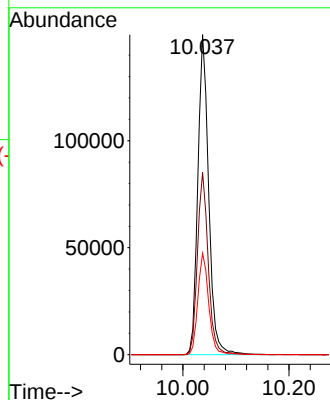
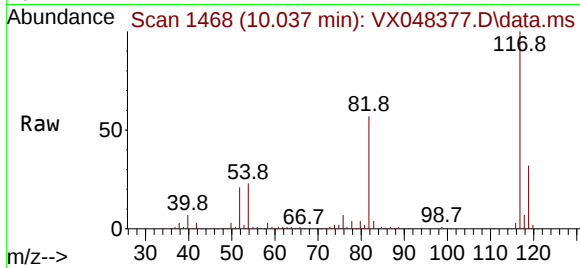




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048377.D
Acq: 27 Oct 2025 17:06

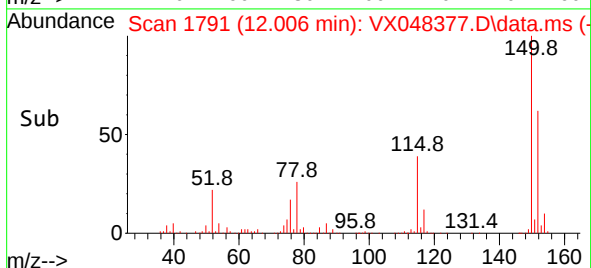
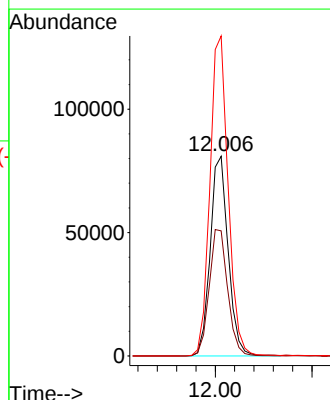
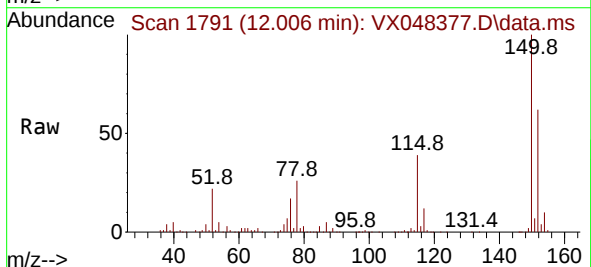
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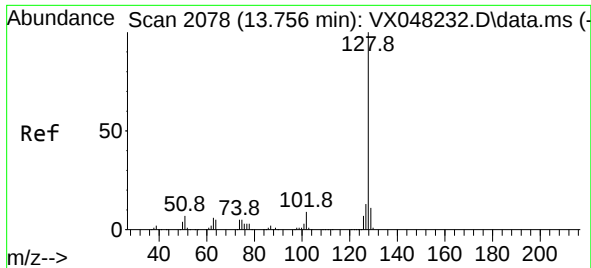
Tgt Ion:117 Resp: 212555
Ion Ratio Lower Upper
117 100
82 57.0 46.5 69.7
119 31.7 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX048377.D
Acq: 27 Oct 2025 17:06

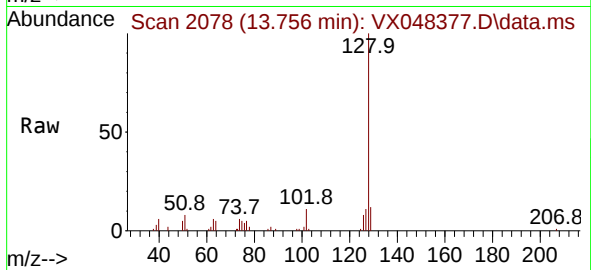
Tgt Ion:152 Resp: 104644
Ion Ratio Lower Upper
152 100
115 65.1 43.1 129.4
150 162.7 0.0 353.0





#95
Naphthalene
Concen: 2.257 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. 0.000 min
Lab File: VX048377.D
Acq: 27 Oct 2025 17:06

Instrument :
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ClientSampleId :
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Tgt Ion:	128	Resp:	13714
Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.4
129	11.3	8.6	12.8

