

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101725\
 Data File : VX048216.D
 Acq On : 17 Oct 2025 16:34
 Operator : JC/MD
 Sample : Q3354-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 HT1403

Quant Time: Oct 18 00:20:40 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101725W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 18 00:06:31 2025
 Response via : Initial Calibration

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

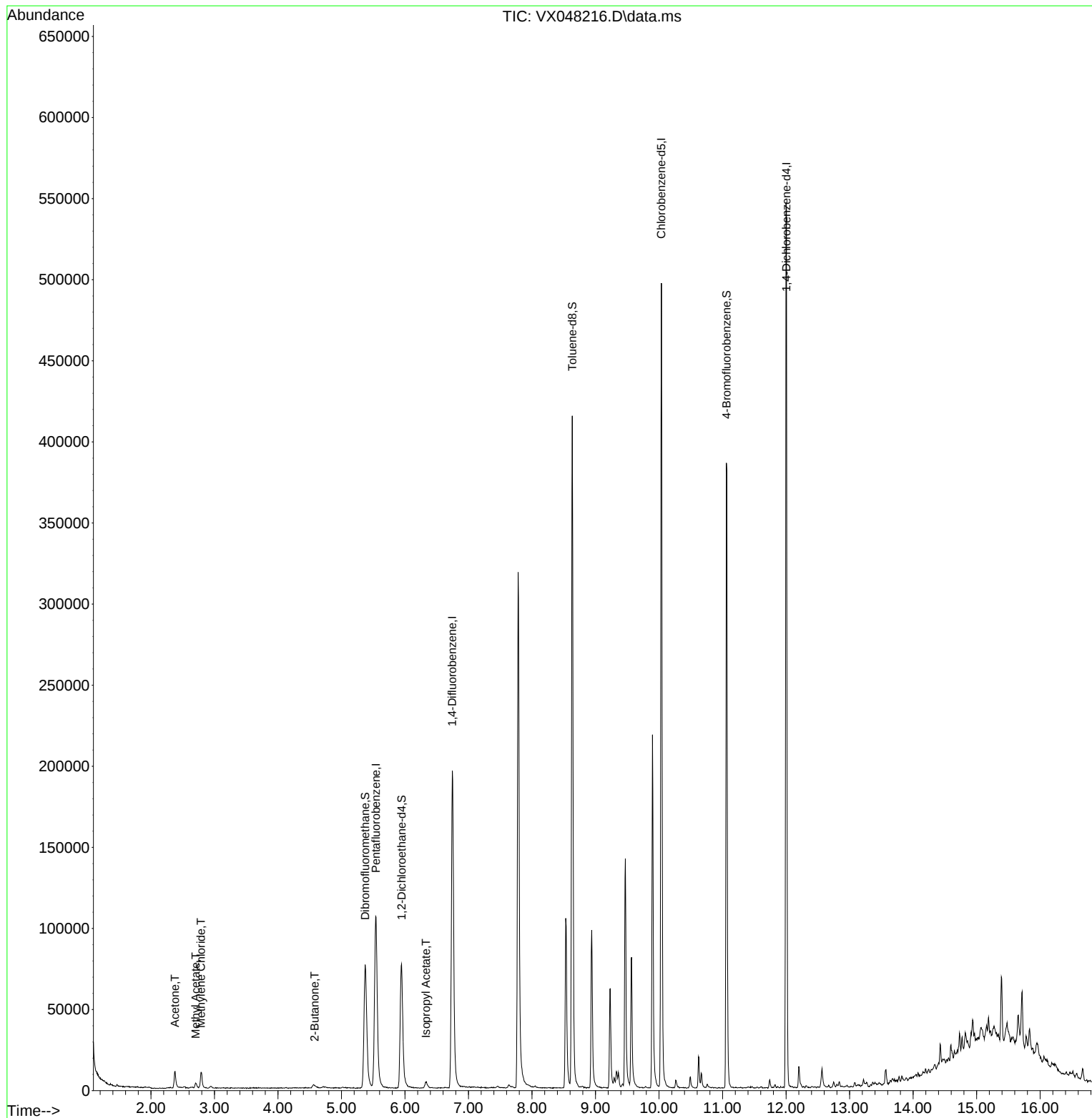
Internal Standards						
1) Pentafluorobenzene	5.544	168	107926	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	216051	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	233562	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	121453	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	85392	51.072	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.140%	
35) Dibromofluoromethane	5.373	113	75278	50.204	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.400%	
50) Toluene-d8	8.635	98	255990	47.389	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 94.780%	
62) 4-Bromofluorobenzene	11.061	95	112017	56.934	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 113.860%	
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	13055	22.889	ug/l	94
18) Methyl Acetate	2.703	43	4524	3.894	ug/l	99
20) Methylene Chloride	2.788	84	5236	3.768	ug/l	98
25) 2-Butanone	4.574	43	5182	7.798	ug/l #	90
43) Isopropyl Acetate	6.330	43	6021	2.125	ug/l #	93

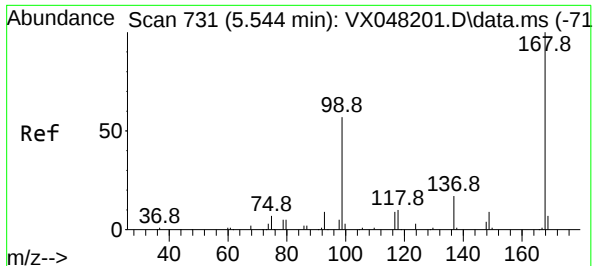
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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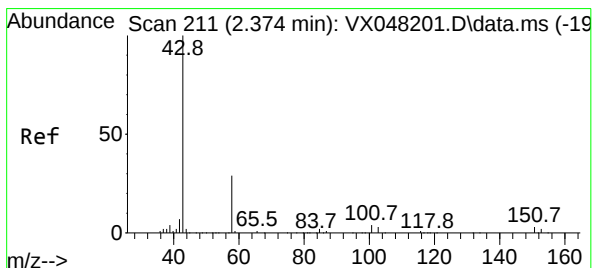
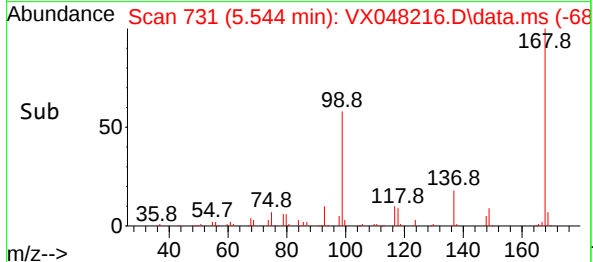
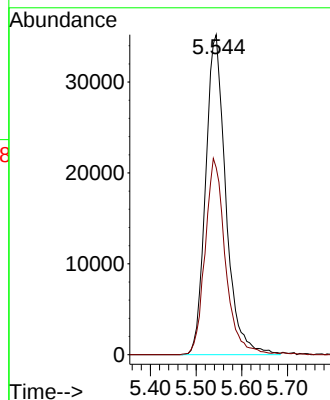
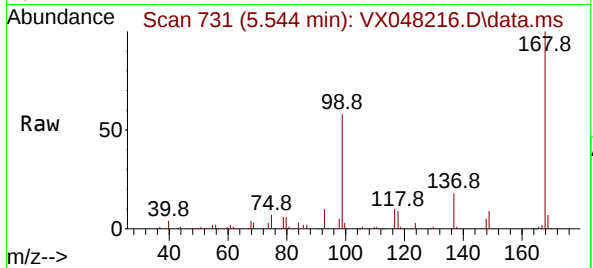




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048216.D
Acq: 17 Oct 2025 16:34

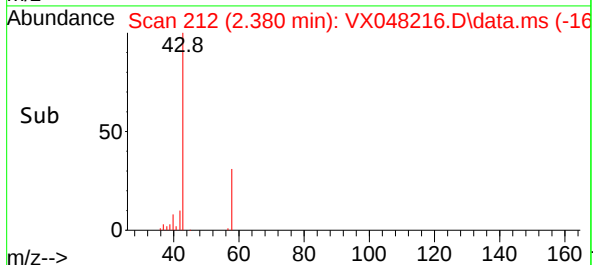
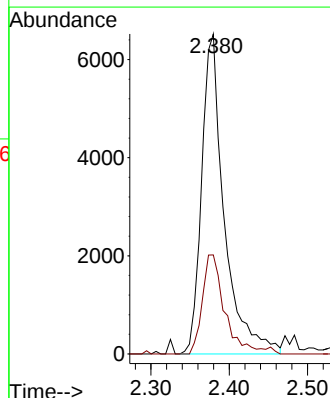
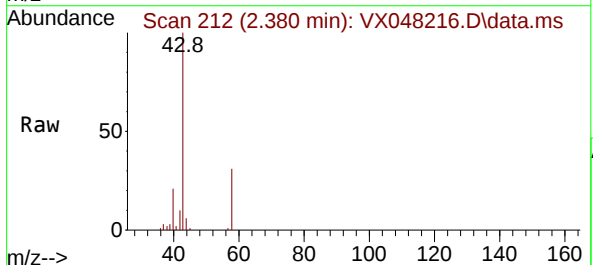
Instrument :
MSVOA_X
ClientSampleId :
HT1403

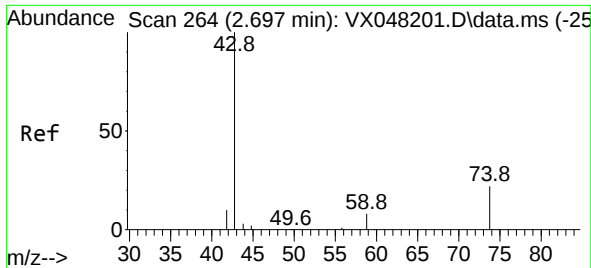
Tgt Ion:168 Resp: 107926
Ion Ratio Lower Upper
168 100
99 58.5 46.4 69.6



#16
Acetone
Concen: 22.889 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048216.D
Acq: 17 Oct 2025 16:34

Tgt Ion: 43 Resp: 13055
Ion Ratio Lower Upper
43 100
58 32.3 23.4 35.2

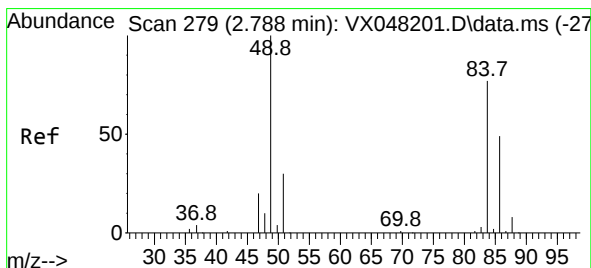
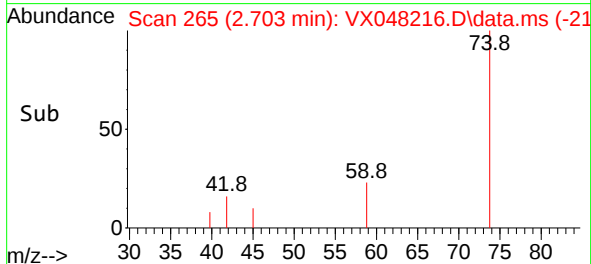
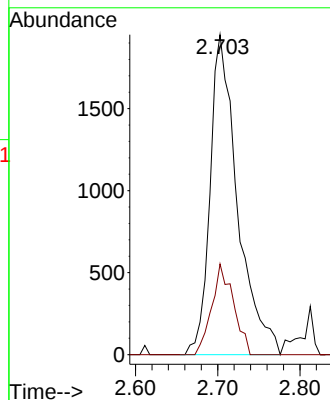
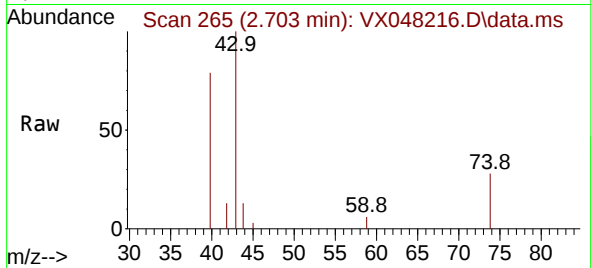




#18
Methyl Acetate
Concen: 3.894 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX048216.D
Acq: 17 Oct 2025 16:34

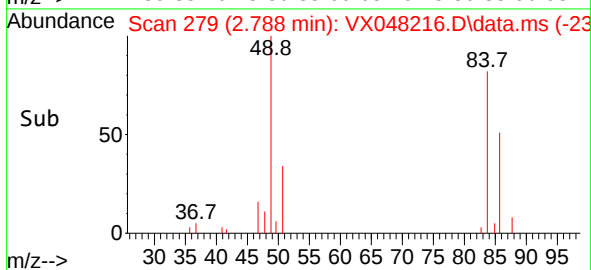
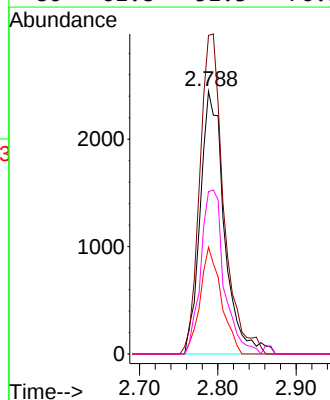
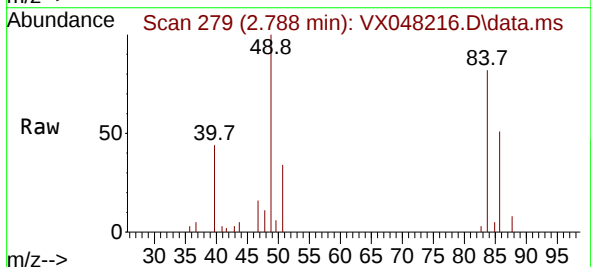
Instrument :
MSVOA_X
ClientSampleId :
HT1403

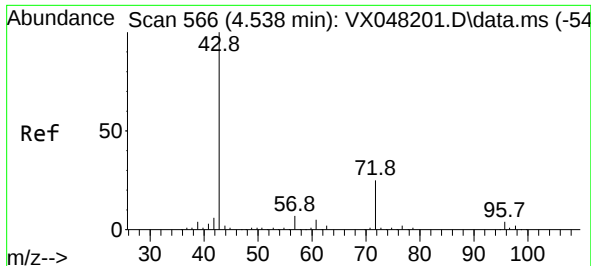
Tgt Ion: 43 Resp: 4524
Ion Ratio Lower Upper
43 100
74 22.4 17.5 26.3



#20
Methylene Chloride
Concen: 3.768 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048216.D
Acq: 17 Oct 2025 16:34

Tgt Ion: 84 Resp: 5236
Ion Ratio Lower Upper
84 100
49 128.3 104.1 156.1
51 40.6 31.3 46.9
86 61.8 51.3 76.9





#25

2-Butanone

Concen: 7.798 ug/l

RT: 4.574 min Scan# 51

Delta R.T. 0.037 min

Lab File: VX048216.D

Acq: 17 Oct 2025 16:34

Instrument :

MSVOA_X

ClientSampleId :

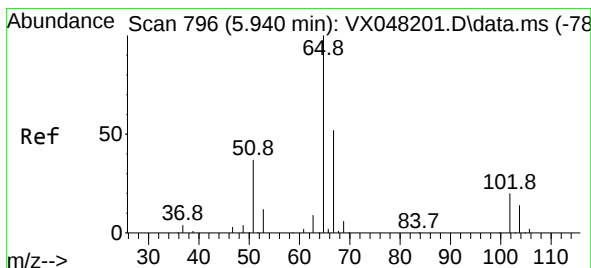
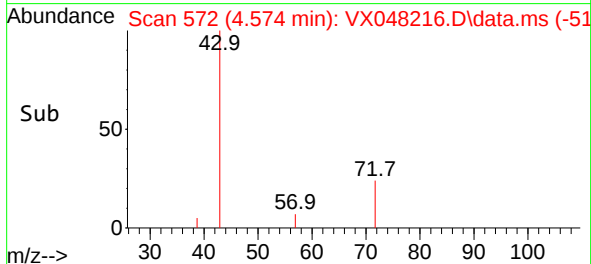
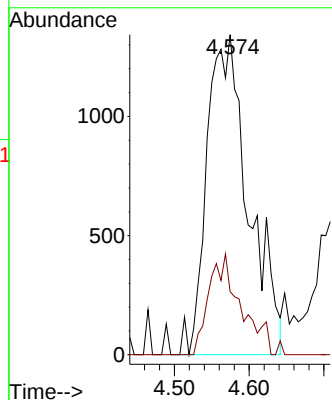
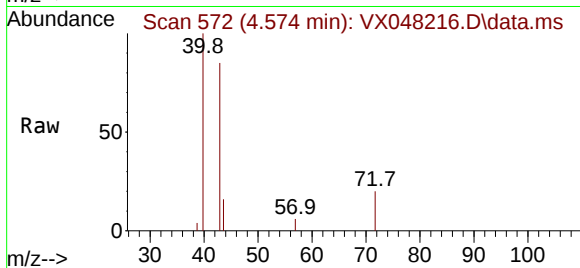
HT1403

Tgt Ion: 43 Resp: 5182

Ion Ratio Lower Upper

43 100

72 19.7 19.9 29.9#



#33

1,2-Dichloroethane-d4

Concen: 51.072 ug/l

RT: 5.946 min Scan# 797

Delta R.T. 0.006 min

Lab File: VX048216.D

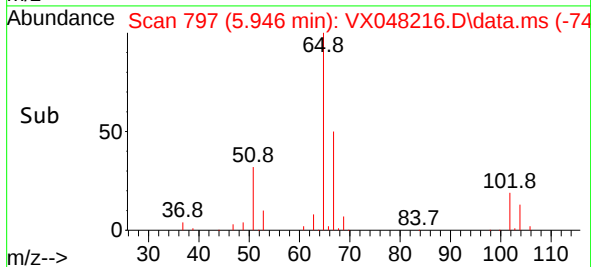
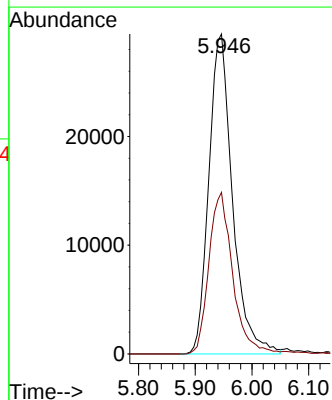
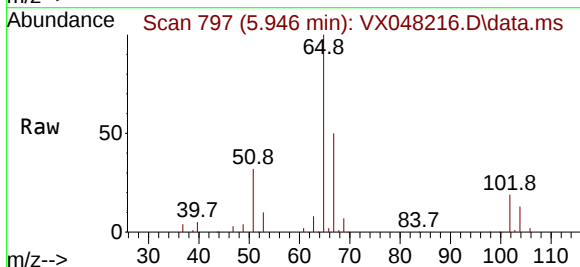
Acq: 17 Oct 2025 16:34

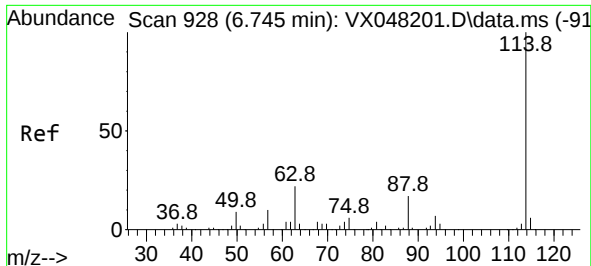
Tgt Ion: 65 Resp: 85392

Ion Ratio Lower Upper

65 100

67 50.7 0.0 105.0

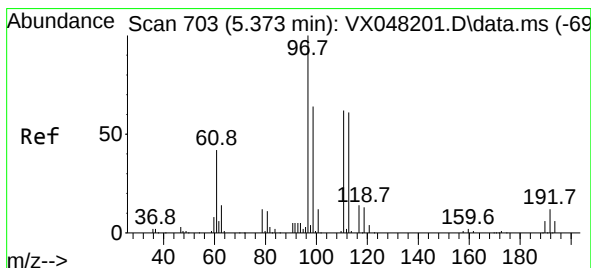
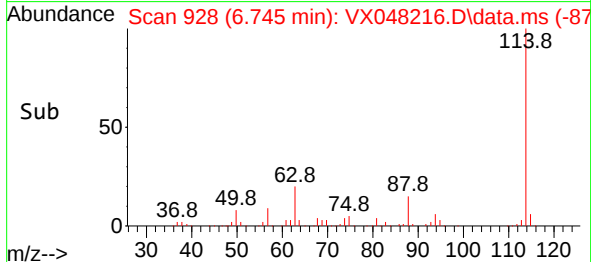
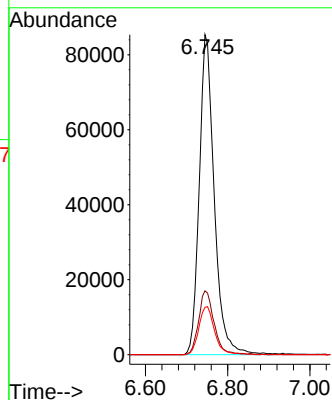
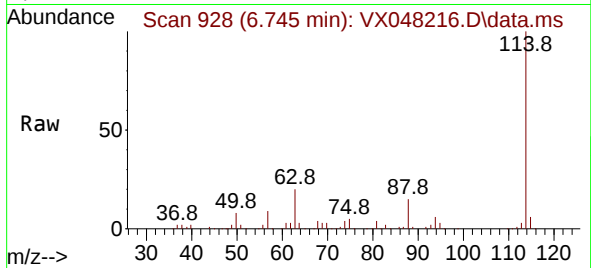




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX048216.D
Acq: 17 Oct 2025 16:34

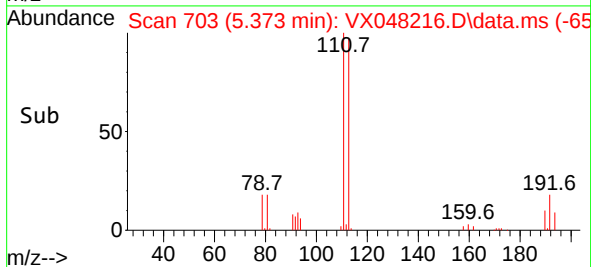
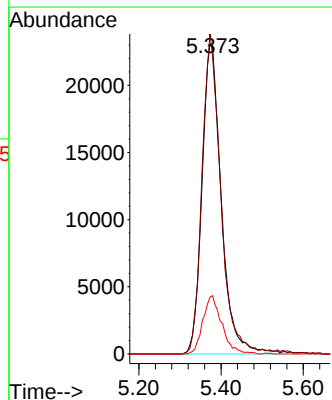
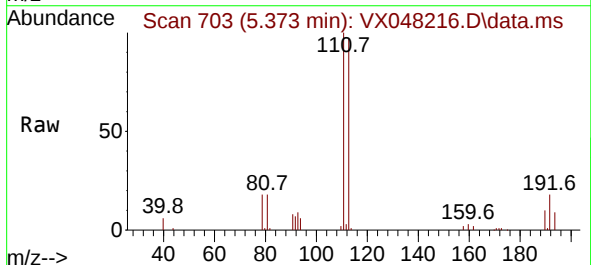
Instrument :
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ClientSampleId :
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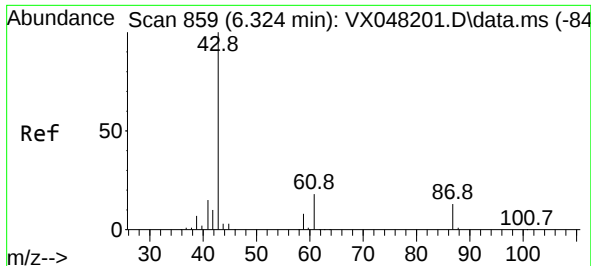
Tgt Ion:114 Resp: 216051
Ion Ratio Lower Upper
114 100
63 22.7 0.0 43.2
88 14.8 0.0 33.6



#35
Dibromofluoromethane
Concen: 50.204 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048216.D
Acq: 17 Oct 2025 16:34

Tgt Ion:113 Resp: 75278
Ion Ratio Lower Upper
113 100
111 99.8 82.2 123.4
192 18.4 15.1 22.7

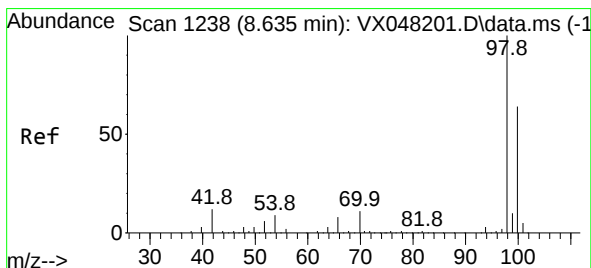
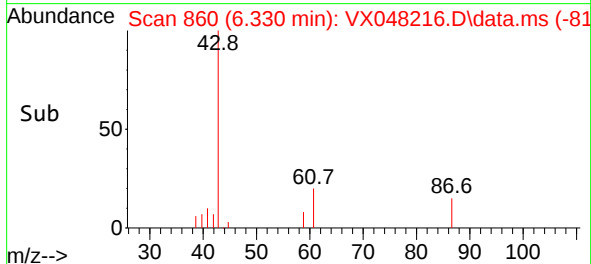
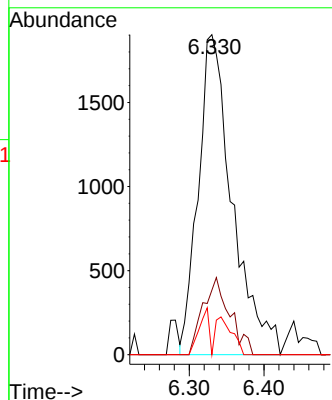
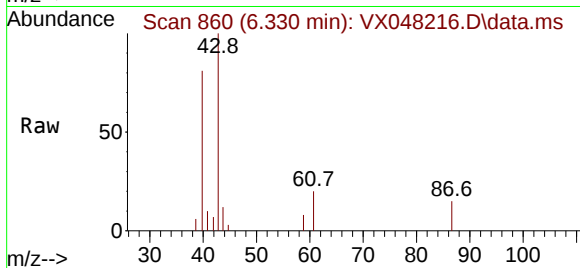




#43
Isopropyl Acetate
Concen: 2.125 ug/l
RT: 6.330 min Scan# 860
Delta R.T. 0.006 min
Lab File: VX048216.D
Acq: 17 Oct 2025 16:34

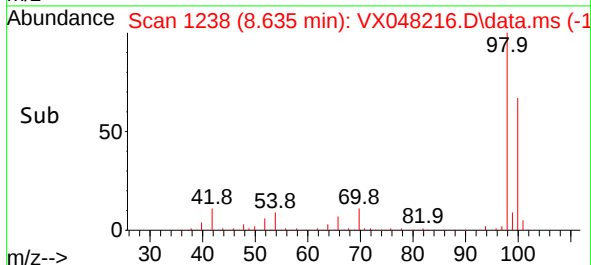
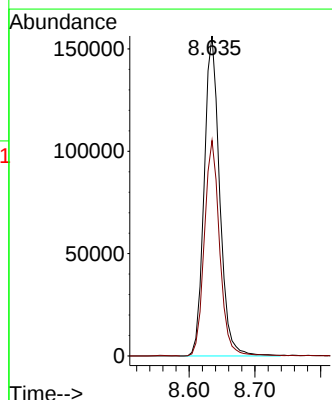
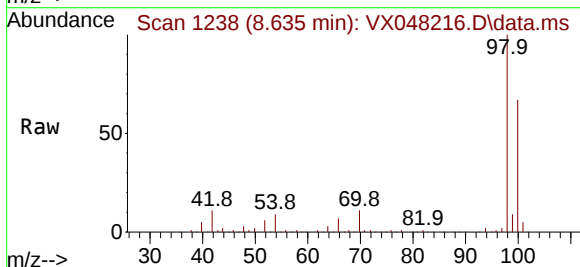
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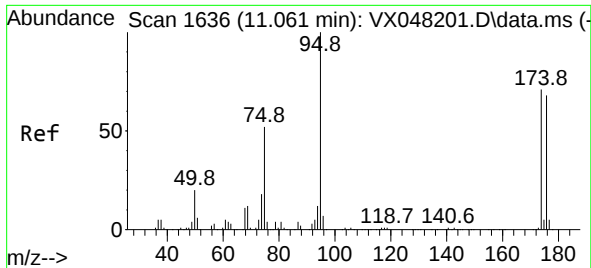
Tgt Ion: 43 Resp: 6021
Ion Ratio Lower Upper
43 100
61 19.1 14.9 22.3
87 5.7 9.4 14.2#



#50
Toluene-d8
Concen: 47.389 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048216.D
Acq: 17 Oct 2025 16:34

Tgt Ion: 98 Resp: 255990
Ion Ratio Lower Upper
98 100
100 66.5 53.0 79.4

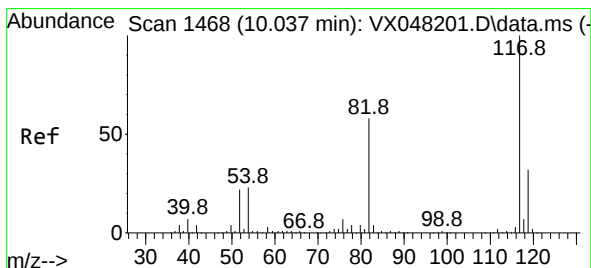
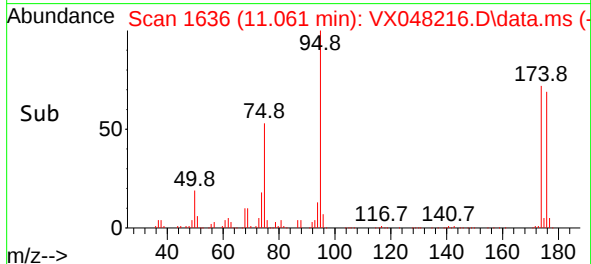
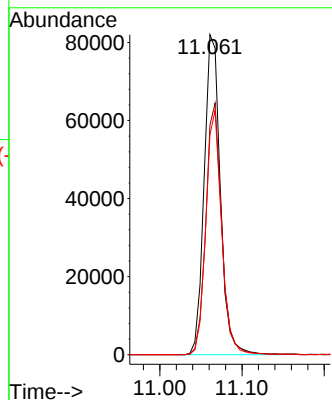
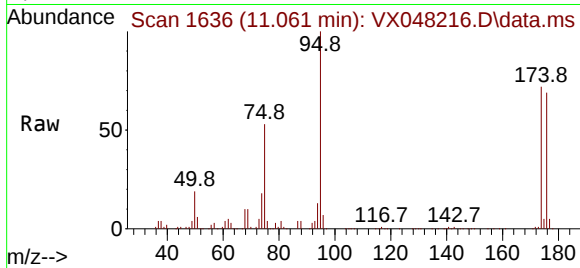




#62
4-Bromofluorobenzene
Concen: 56.934 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048216.D
Acq: 17 Oct 2025 16:34

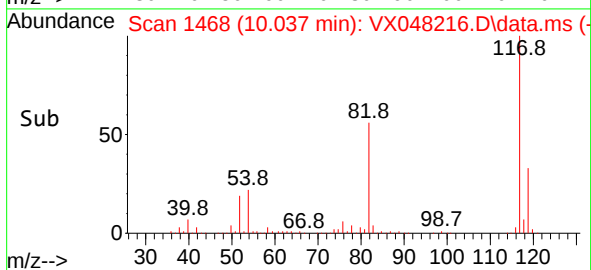
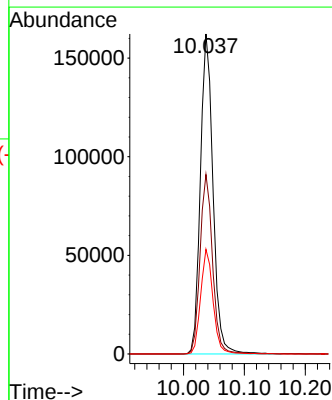
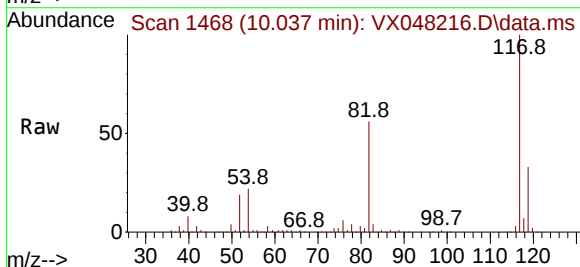
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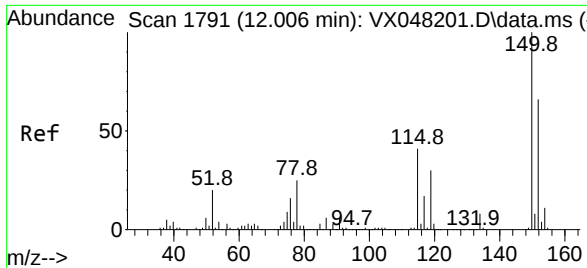
Tgt Ion: 95 Resp: 112017
Ion Ratio Lower Upper
95 100
174 76.8 0.0 147.8
176 74.6 0.0 142.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048216.D
Acq: 17 Oct 2025 16:34

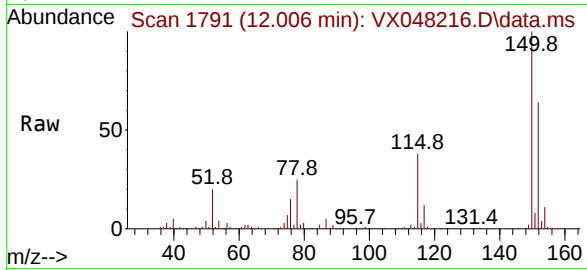
Tgt Ion: 117 Resp: 233562
Ion Ratio Lower Upper
117 100
82 56.1 46.5 69.7
119 32.7 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX048216.D
 Acq: 17 Oct 2025 16:34

Instrument :
 MSVOA_X
 ClientSampleId :
 HT1403



Tgt Ion:152 Resp: 121453
 Ion Ratio Lower Upper
 152 100
 115 60.9 43.1 129.4
 150 156.7 0.0 353.0

