

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101725\
 Data File : VX048219.D
 Acq On : 17 Oct 2025 17:36
 Operator : JC/MD
 Sample : Q3357-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DRUM-3

Quant Time: Oct 18 00:22:17 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)

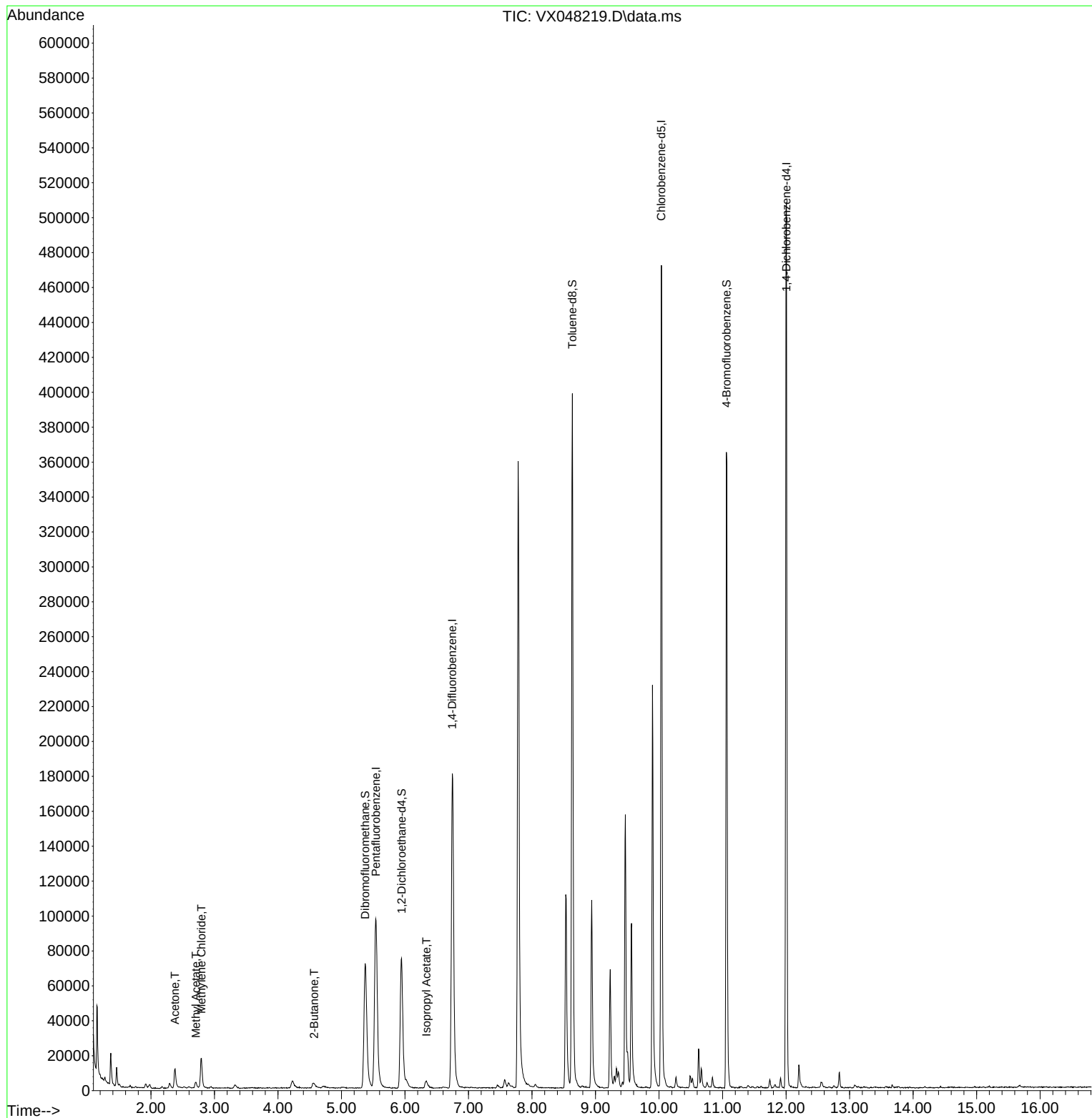
Internal Standards						
1) Pentafluorobenzene	5.544	168	103417	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	202917	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	217243	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	113390	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	83705	52.246	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	104.500%
35) Dibromofluoromethane	5.373	113	70043	49.736	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.480%
50) Toluene-d8	8.634	98	244052	48.103	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.200%
62) 4-Bromofluorobenzene	11.061	95	107766	58.318	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	116.640%
Target Compounds						
						Qvalue
16) Acetone	2.380	43	14934	27.325	ug/l	97
18) Methyl Acetate	2.709	43	5060	4.546	ug/l	100
20) Methylene Chloride	2.794	84	8495	6.380	ug/l	95
25) 2-Butanone	4.568	43	6452	10.133	ug/l #	78
43) Isopropyl Acetate	6.336	43	6270	2.356	ug/l	99

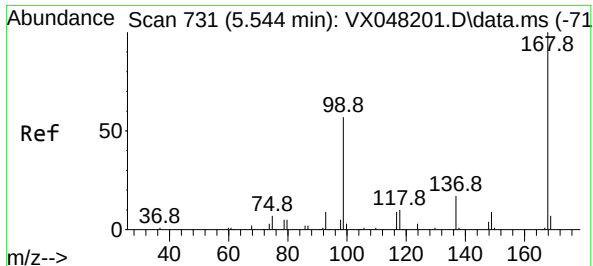
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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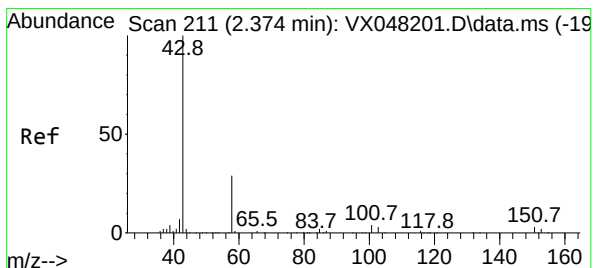
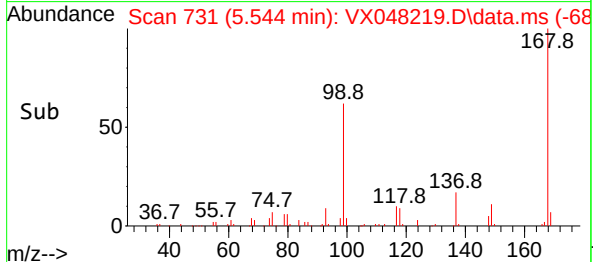
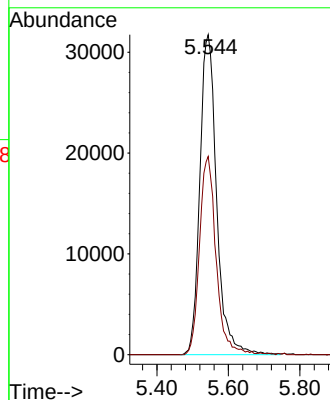
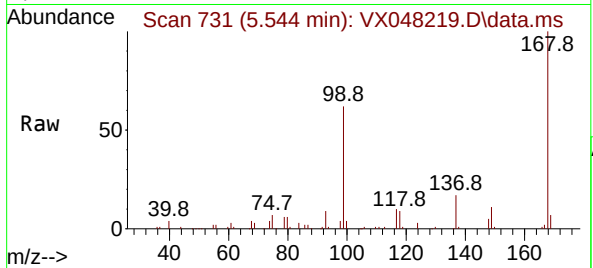




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048219.D
Acq: 17 Oct 2025 17:36

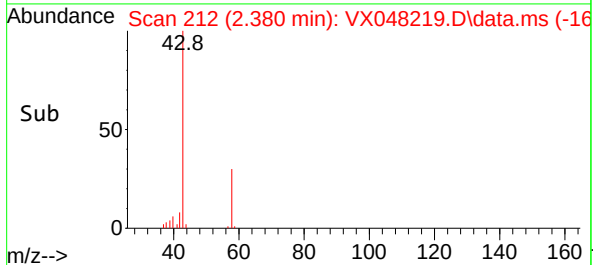
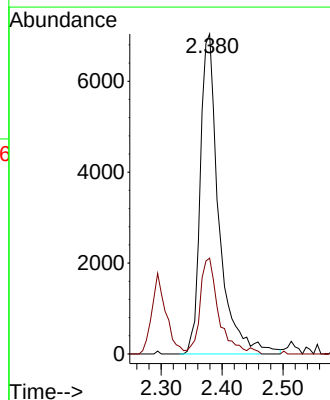
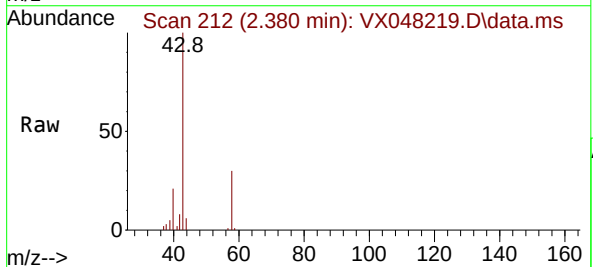
Instrument :
MSVOA_X
ClientSampleId :
DRUM-3

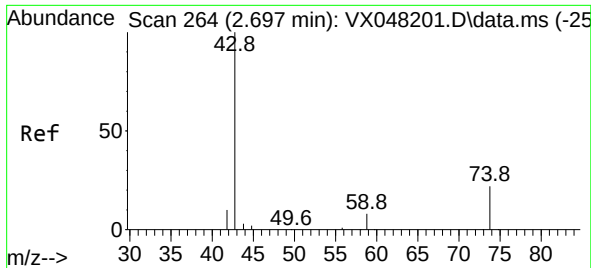
Tgt Ion:168 Resp: 103417
Ion Ratio Lower Upper
168 100
99 61.9 46.4 69.6



#16
Acetone
Concen: 27.325 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048219.D
Acq: 17 Oct 2025 17:36

Tgt Ion: 43 Resp: 14934
Ion Ratio Lower Upper
43 100
58 31.1 23.4 35.2

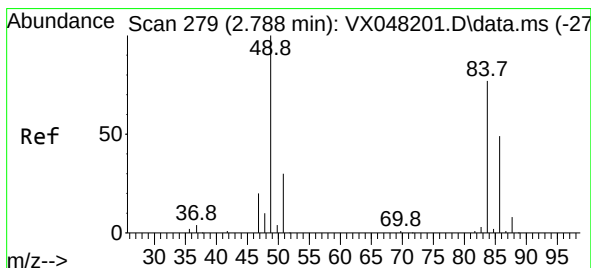
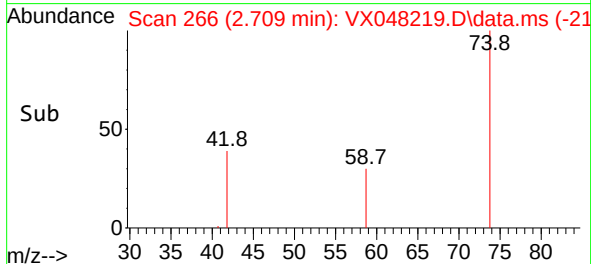
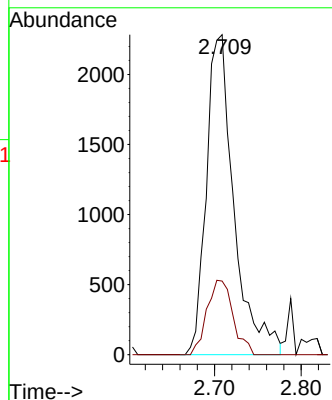
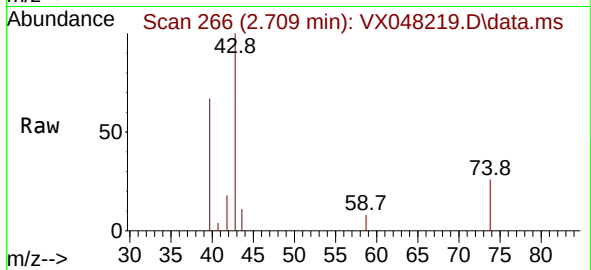




#18
Methyl Acetate
Concen: 4.546 ug/l
RT: 2.709 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX048219.D
Acq: 17 Oct 2025 17:36

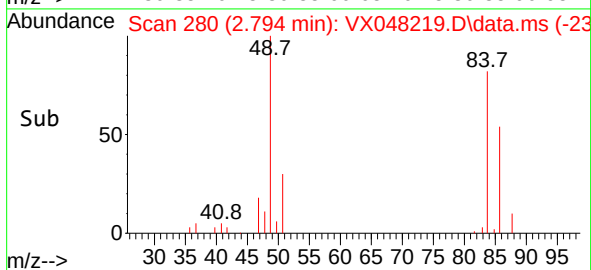
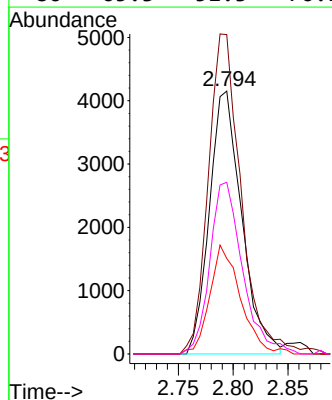
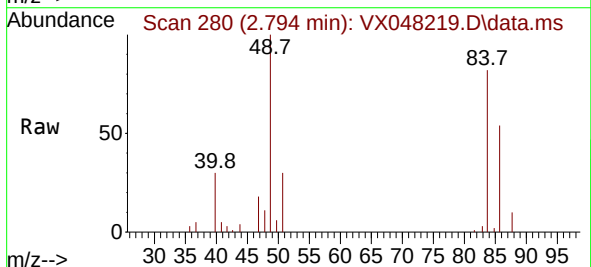
Instrument :
MSVOA_X
ClientSampleId :
DRUM-3

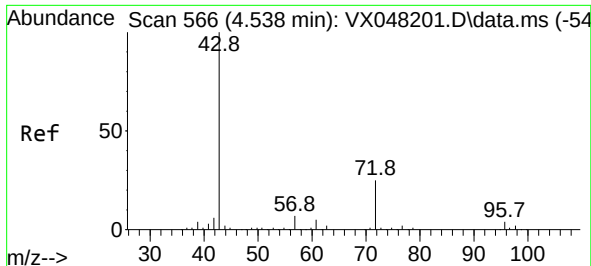
Tgt Ion: 43 Resp: 5060
Ion Ratio Lower Upper
43 100
74 21.9 17.5 26.3



#20
Methylene Chloride
Concen: 6.380 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX048219.D
Acq: 17 Oct 2025 17:36

Tgt Ion: 84 Resp: 8495
Ion Ratio Lower Upper
84 100
49 121.5 104.1 156.1
51 36.3 31.3 46.9
86 65.3 51.3 76.9





#25

2-Butanone

Concen: 10.133 ug/l

RT: 4.568 min Scan# 51

Delta R.T. 0.030 min

Lab File: VX048219.D

Acq: 17 Oct 2025 17:36

Instrument :

MSVOA_X

ClientSampleId :

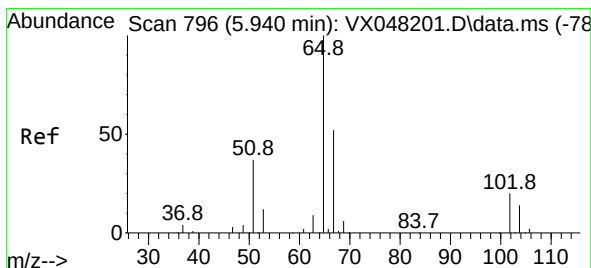
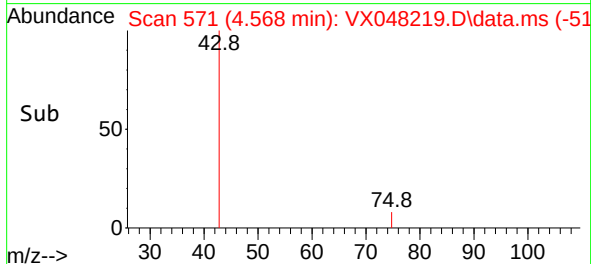
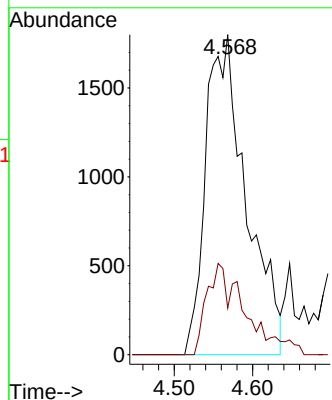
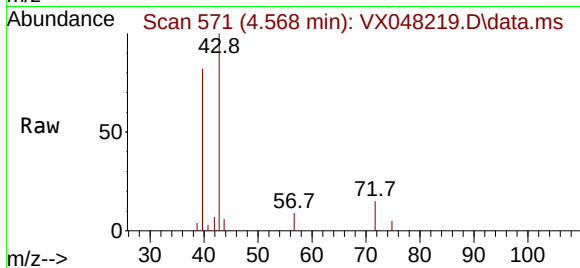
DRUM-3

Tgt Ion: 43 Resp: 6452

Ion Ratio Lower Upper

43 100

72 13.8 19.9 29.9#



#33

1,2-Dichloroethane-d4

Concen: 52.246 ug/l

RT: 5.946 min Scan# 797

Delta R.T. 0.006 min

Lab File: VX048219.D

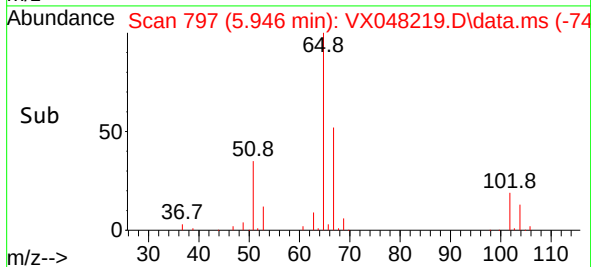
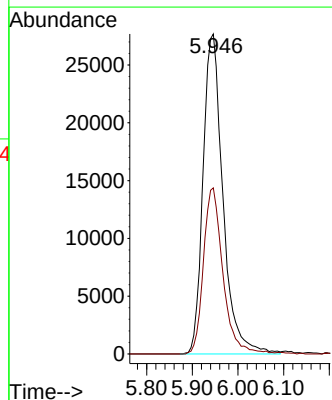
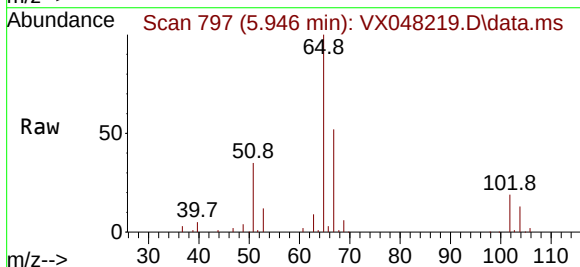
Acq: 17 Oct 2025 17:36

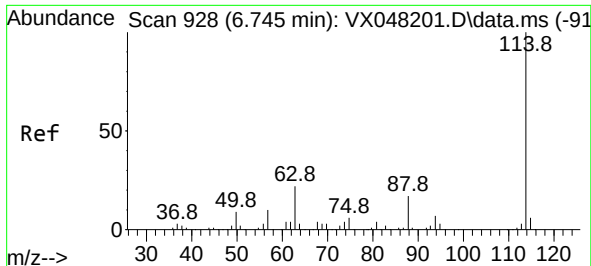
Tgt Ion: 65 Resp: 83705

Ion Ratio Lower Upper

65 100

67 50.7 0.0 105.0

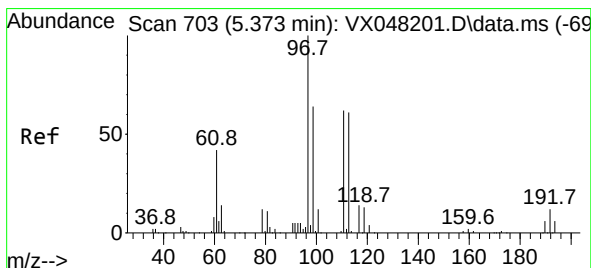
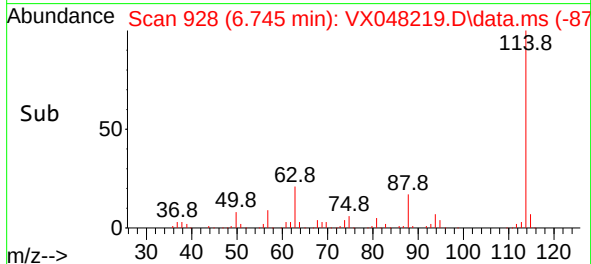
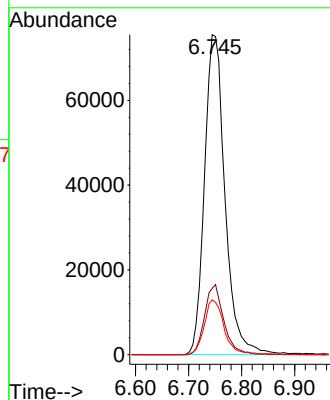
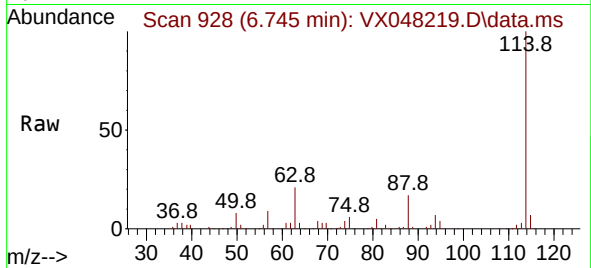




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX048219.D
Acq: 17 Oct 2025 17:36

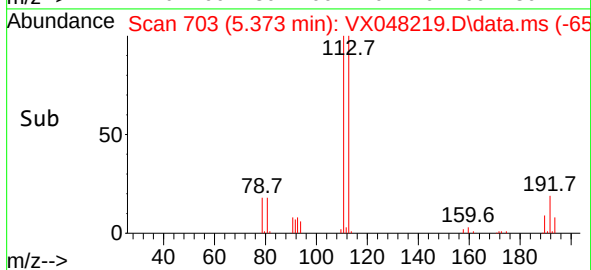
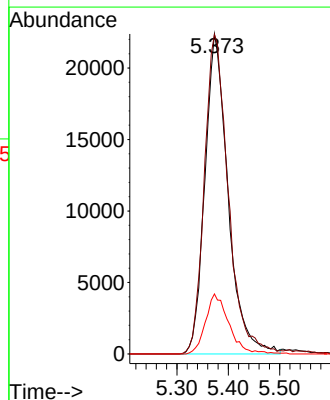
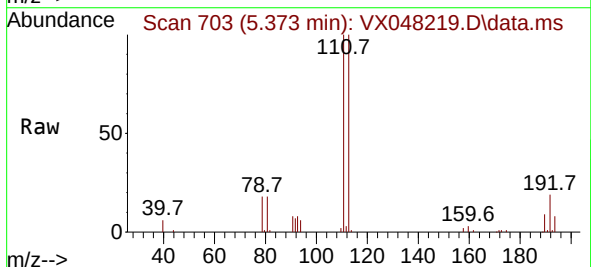
Instrument :
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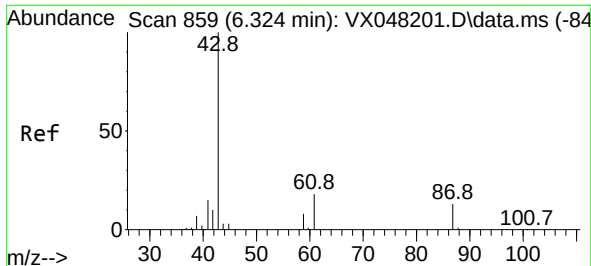
Tgt Ion:114 Resp: 202917
Ion Ratio Lower Upper
114 100
63 20.8 0.0 43.2
88 17.1 0.0 33.6



#35
Dibromofluoromethane
Concen: 49.736 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048219.D
Acq: 17 Oct 2025 17:36

Tgt Ion:113 Resp: 70043
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.4
192 19.0 15.1 22.7

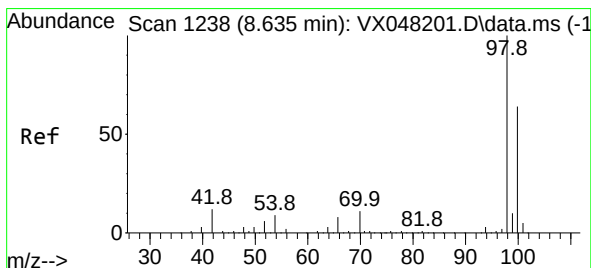
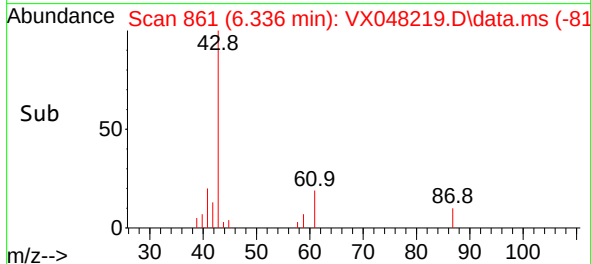
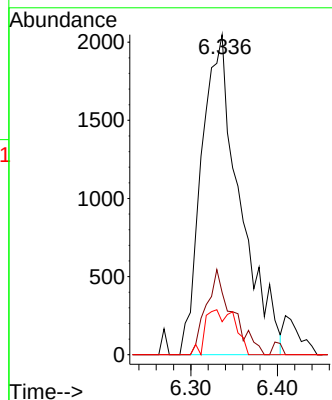
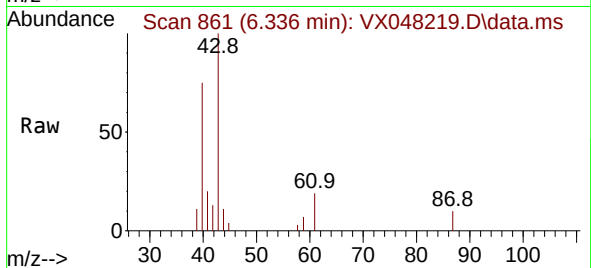




#43
Isopropyl Acetate
Concen: 2.356 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.012 min
Lab File: VX048219.D
Acq: 17 Oct 2025 17:36

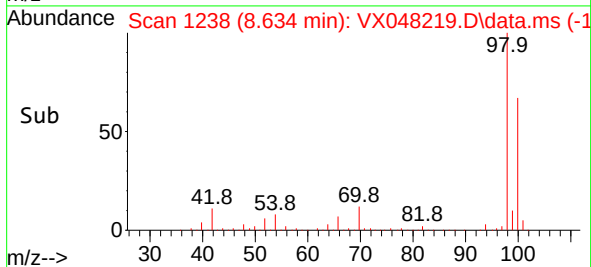
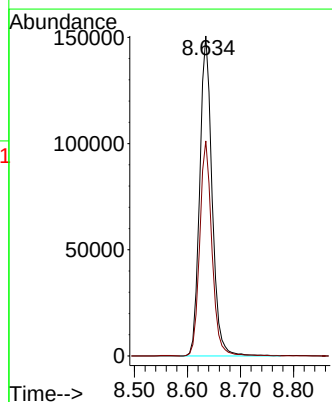
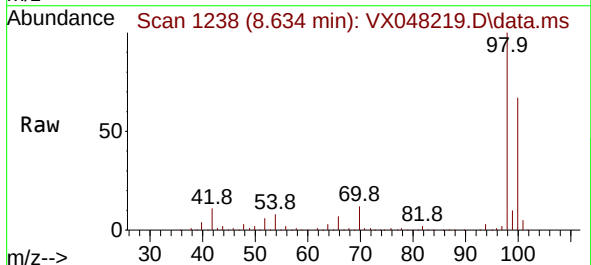
Instrument :
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ClientSampleId :
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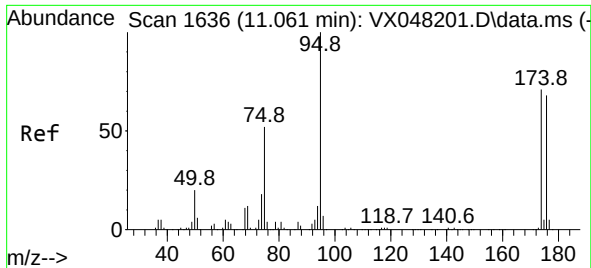
Tgt Ion: 43 Resp: 6270
Ion Ratio Lower Upper
43 100
61 18.3 14.9 22.3
87 10.9 9.4 14.2



#50
Toluene-d8
Concen: 48.103 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048219.D
Acq: 17 Oct 2025 17:36

Tgt Ion: 98 Resp: 244052
Ion Ratio Lower Upper
98 100
100 66.3 53.0 79.4

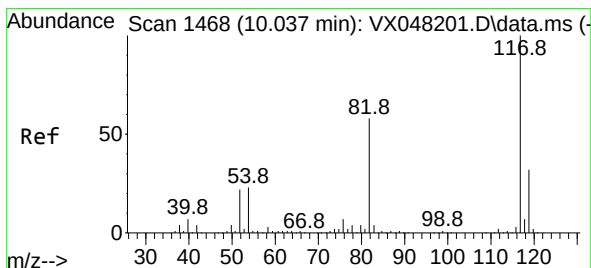
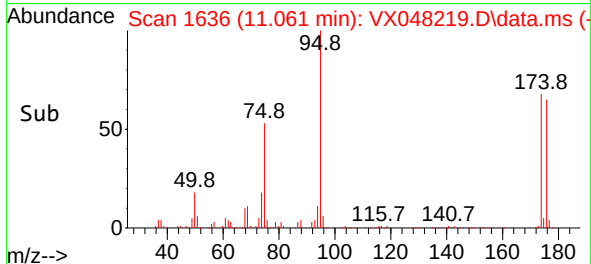
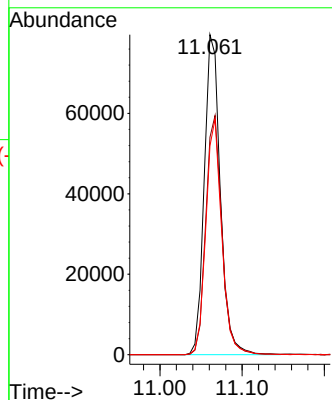
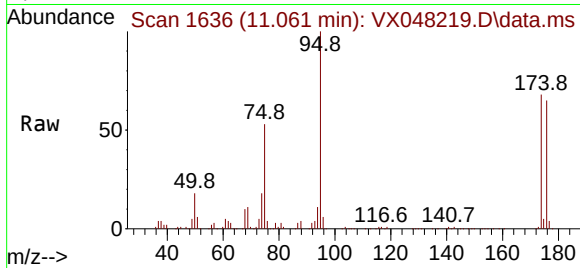




#62
4-Bromofluorobenzene
Concen: 58.318 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048219.D
Acq: 17 Oct 2025 17:36

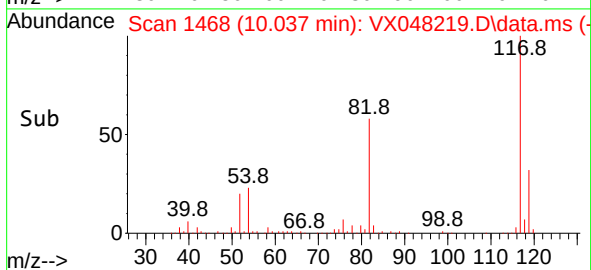
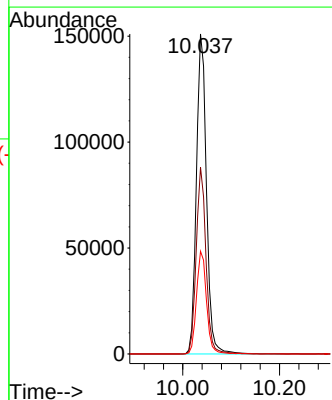
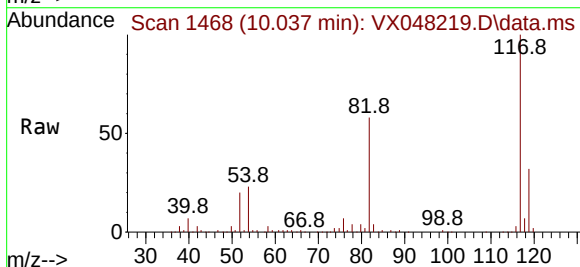
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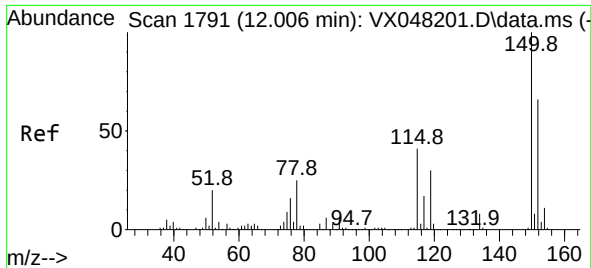
Tgt Ion: 95 Resp: 107766
Ion Ratio Lower Upper
95 100
174 75.8 0.0 147.8
176 72.9 0.0 142.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048219.D
Acq: 17 Oct 2025 17:36

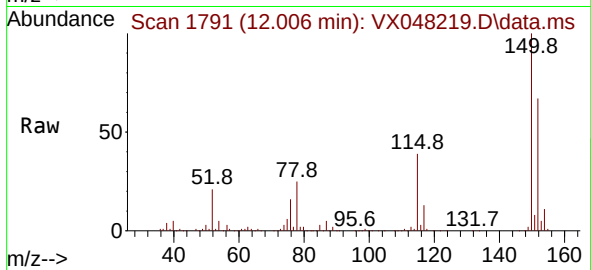
Tgt Ion: 117 Resp: 217243
Ion Ratio Lower Upper
117 100
82 58.3 46.5 69.7
119 32.1 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX048219.D
 Acq: 17 Oct 2025 17:36

Instrument :
 MSVOA_X
 ClientSampleId :
 DRUM-3



Tgt Ion:152 Resp: 113390
 Ion Ratio Lower Upper
 152 100
 115 62.1 43.1 129.4
 150 155.7 0.0 353.0

