

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101725\
 Data File : VX048217.D
 Acq On : 17 Oct 2025 16:54
 Operator : JC/MD
 Sample : Q3357-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DRUM-1

Quant Time: Oct 18 00:21:20 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)

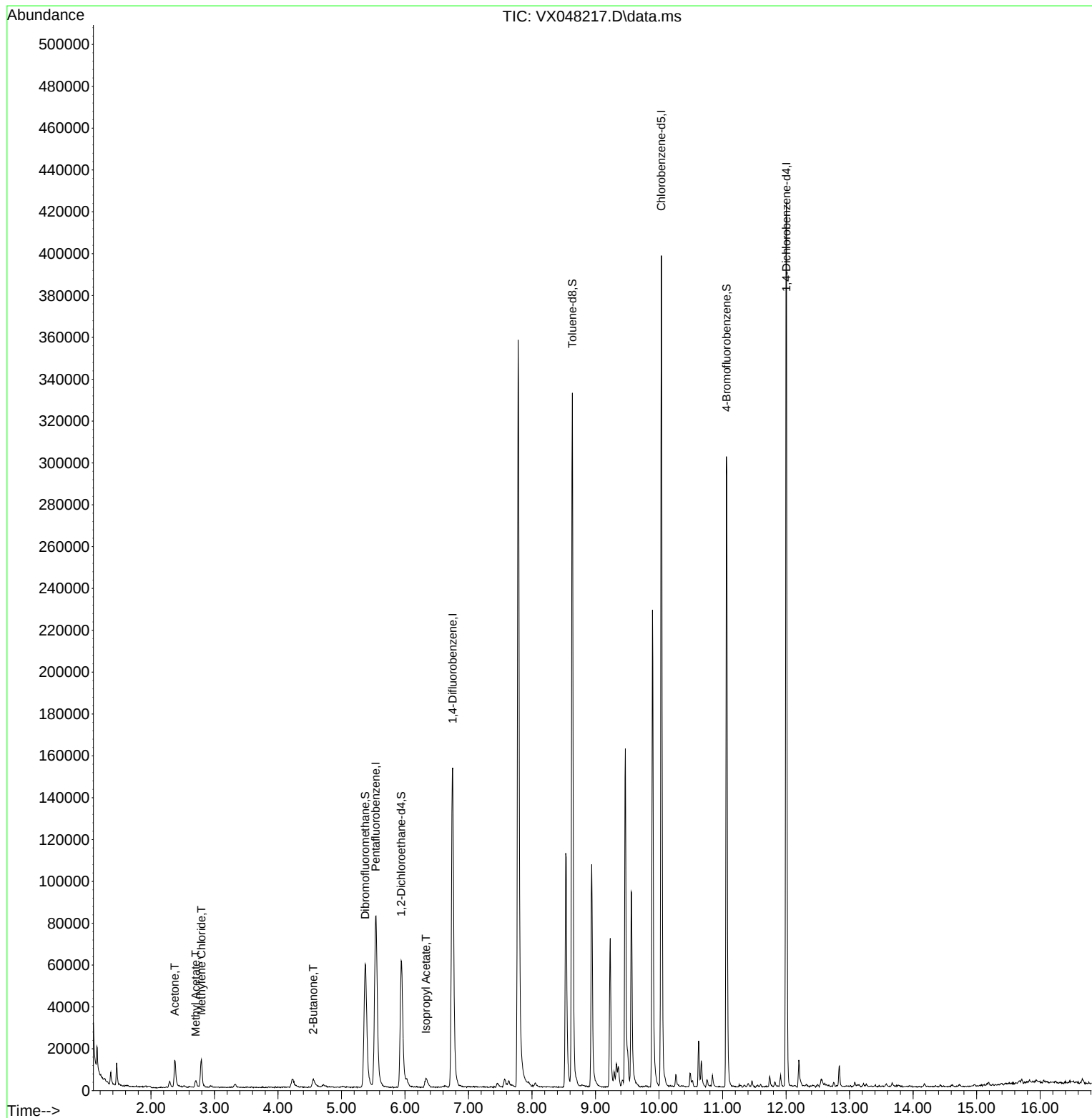
Internal Standards						
1) Pentafluorobenzene	5.538	168	84798	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	170455	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	184030	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	95110	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	67736	51.562	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	103.120%
35) Dibromofluoromethane	5.373	113	58498	49.449	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.900%
50) Toluene-d8	8.635	98	204246	47.924	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.840%
62) 4-Bromofluorobenzene	11.061	95	90487	58.293	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	116.580%
Target Compounds						
					Qvalue	
16) Acetone	2.373	43	17381	38.785	ug/l	99
18) Methyl Acetate	2.703	43	5229	5.729	ug/l	95
20) Methylene Chloride	2.794	84	6698	6.135	ug/l	93
25) 2-Butanone	4.556	43	8704	16.671	ug/l	94
43) Isopropyl Acetate	6.330	43	6801	3.042	ug/l	97

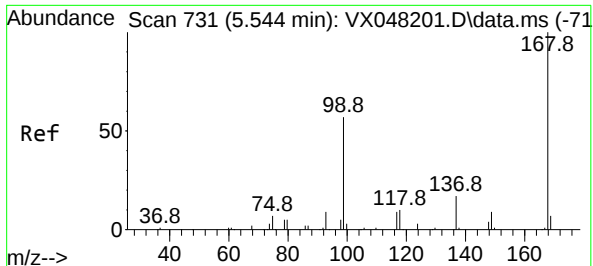
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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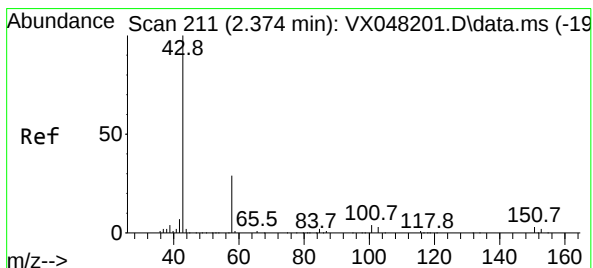
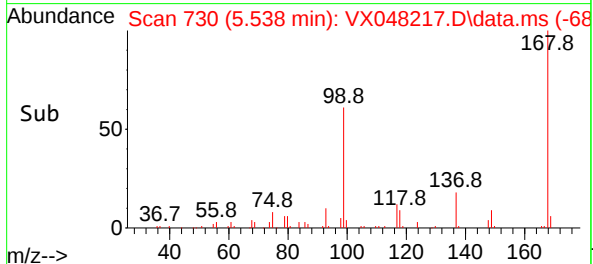
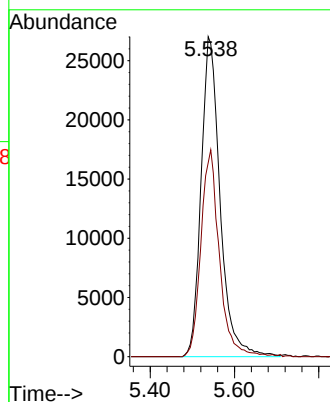
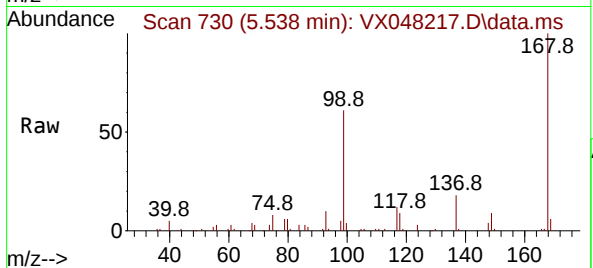




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 731
Delta R.T. -0.006 min
Lab File: VX048217.D
Acq: 17 Oct 2025 16:54

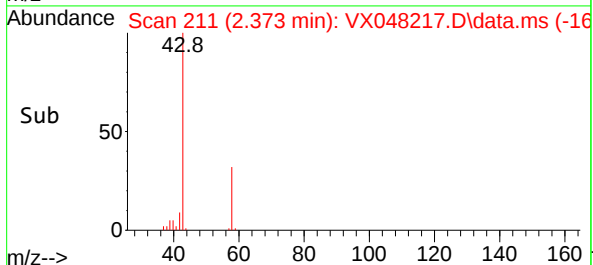
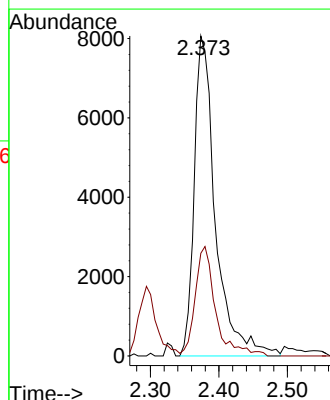
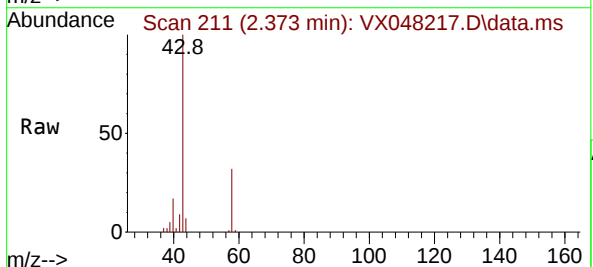
Instrument :
MSVOA_X
ClientSampleId :
DRUM-1

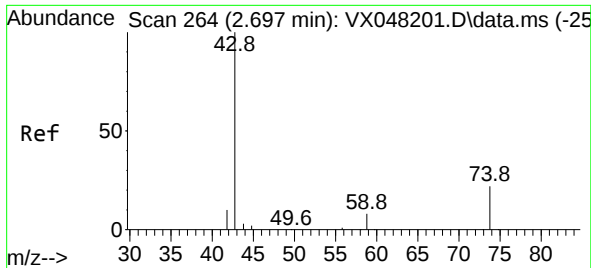
Tgt Ion:168 Resp: 84798
Ion Ratio Lower Upper
168 100
99 60.6 46.4 69.6



#16
Acetone
Concen: 38.785 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048217.D
Acq: 17 Oct 2025 16:54

Tgt Ion: 43 Resp: 17381
Ion Ratio Lower Upper
43 100
58 30.1 23.4 35.2

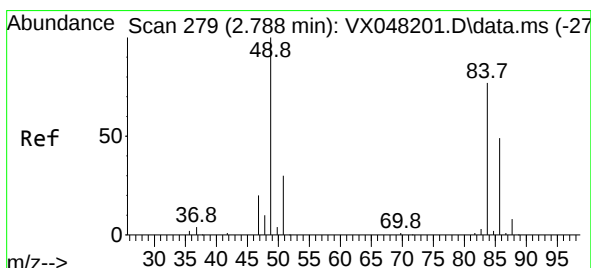
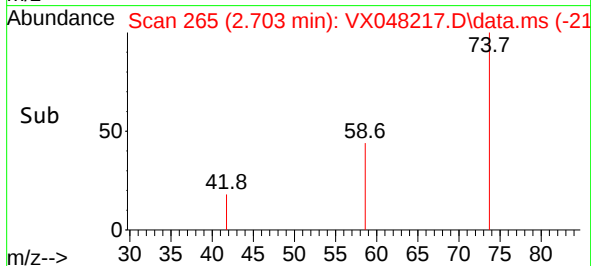
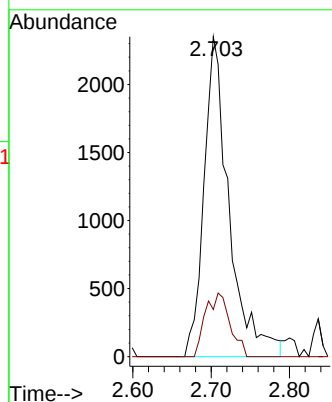
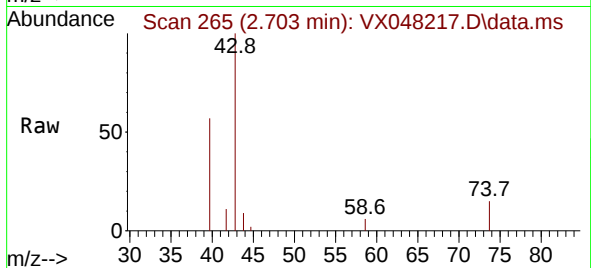




#18
Methyl Acetate
Concen: 5.729 ug/l
RT: 2.703 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX048217.D
Acq: 17 Oct 2025 16:54

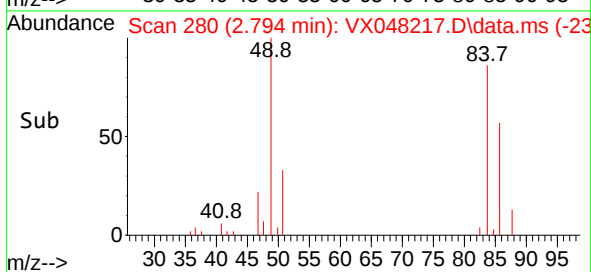
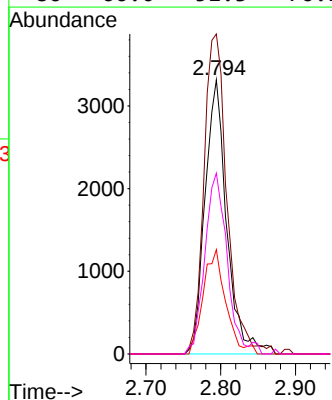
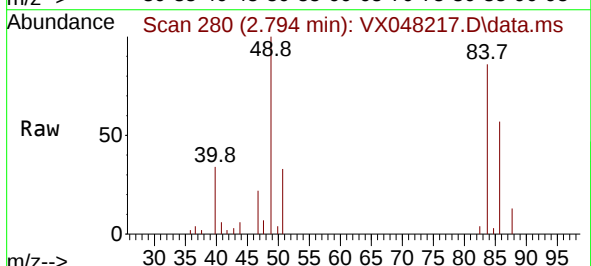
Instrument :
MSVOA_X
ClientSampleId :
DRUM-1

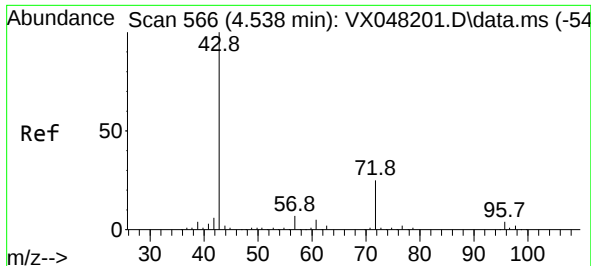
Tgt Ion: 43 Resp: 5229
Ion Ratio Lower Upper
43 100
74 19.4 17.5 26.3



#20
Methylene Chloride
Concen: 6.135 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX048217.D
Acq: 17 Oct 2025 16:54

Tgt Ion: 84 Resp: 6698
Ion Ratio Lower Upper
84 100
49 116.8 104.1 156.1
51 38.1 31.3 46.9
86 66.0 51.3 76.9





#25

2-Butanone

Concen: 16.671 ug/l

RT: 4.556 min Scan# 5

Delta R.T. 0.018 min

Lab File: VX048217.D

Acq: 17 Oct 2025 16:54

Instrument :

MSVOA_X

ClientSampleId :

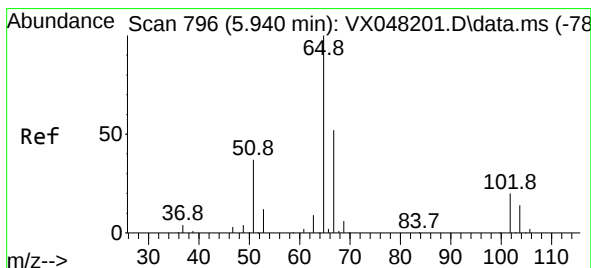
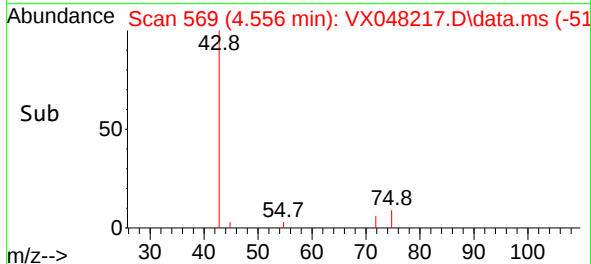
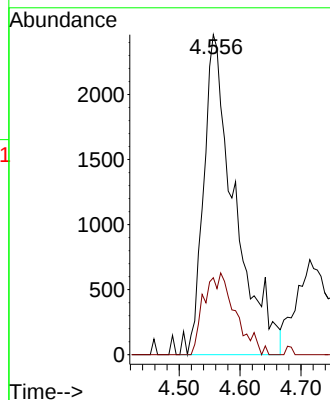
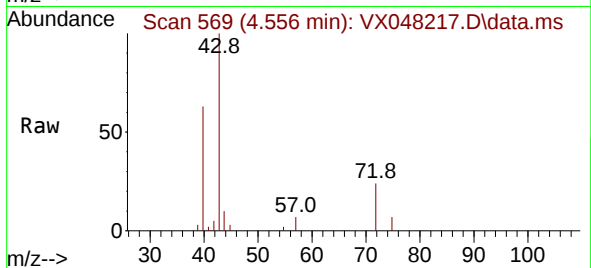
DRUM-1

Tgt Ion: 43 Resp: 8704

Ion Ratio Lower Upper

43 100

72 21.8 19.9 29.9



#33

1,2-Dichloroethane-d4

Concen: 51.562 ug/l

RT: 5.940 min Scan# 796

Delta R.T. -0.000 min

Lab File: VX048217.D

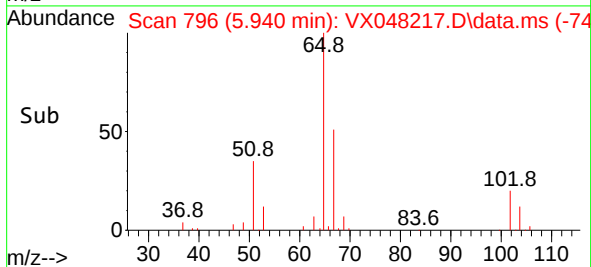
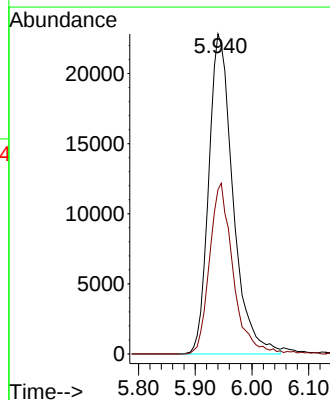
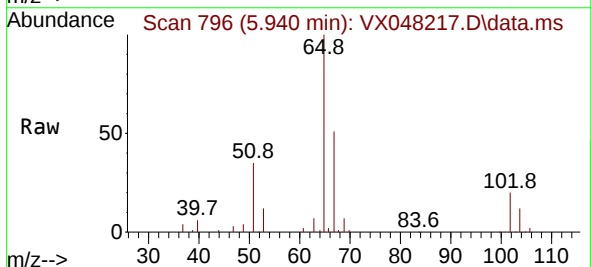
Acq: 17 Oct 2025 16:54

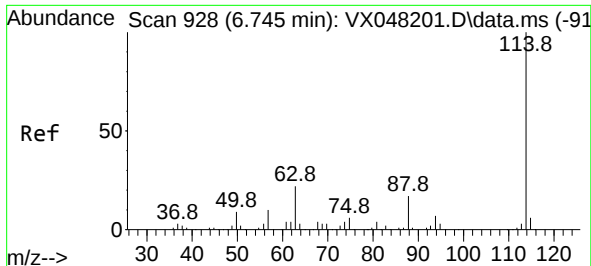
Tgt Ion: 65 Resp: 67736

Ion Ratio Lower Upper

65 100

67 52.1 0.0 105.0

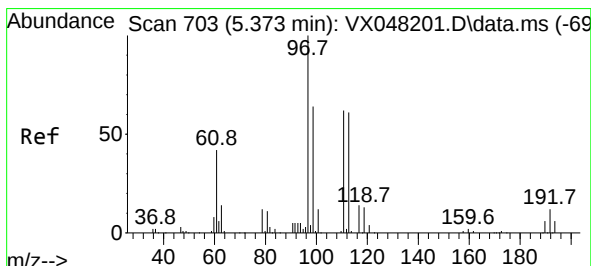
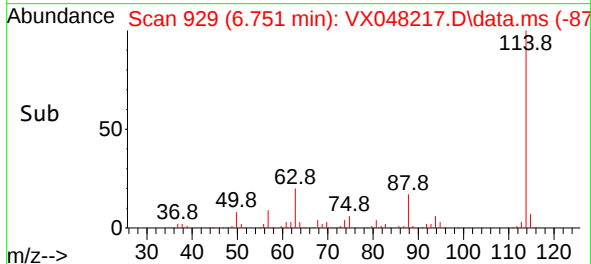
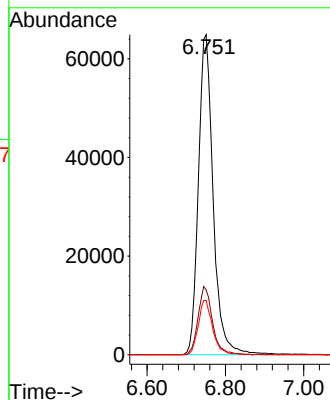
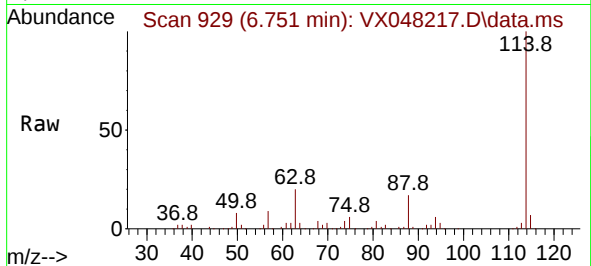




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX048217.D
Acq: 17 Oct 2025 16:54

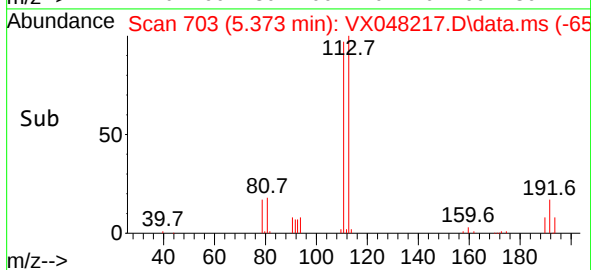
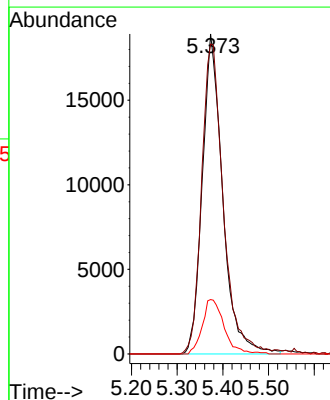
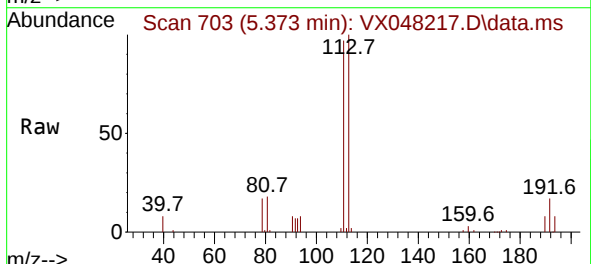
Instrument :
MSVOA_X
ClientSampleId :
DRUM-1

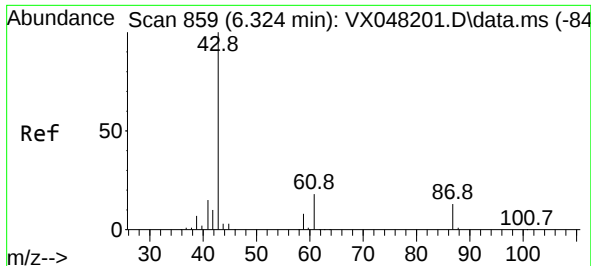
Tgt Ion:114 Resp: 170455
Ion Ratio Lower Upper
114 100
63 20.2 0.0 43.2
88 17.0 0.0 33.6



#35
Dibromofluoromethane
Concen: 49.449 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048217.D
Acq: 17 Oct 2025 16:54

Tgt Ion:113 Resp: 58498
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.4
192 18.0 15.1 22.7

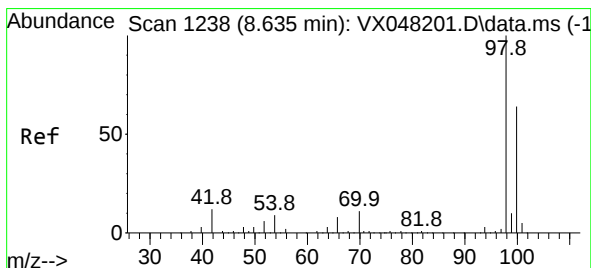
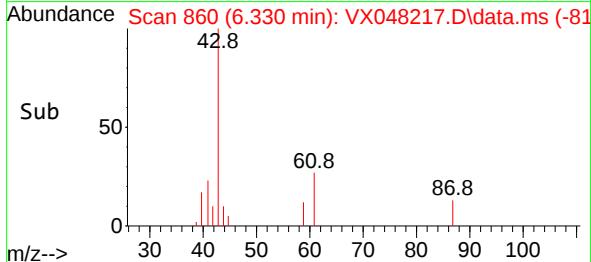
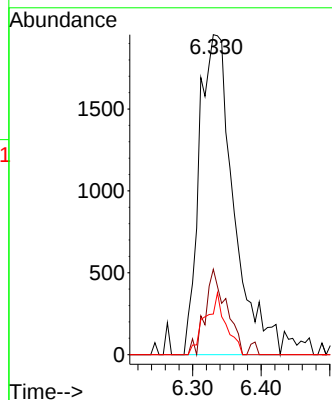
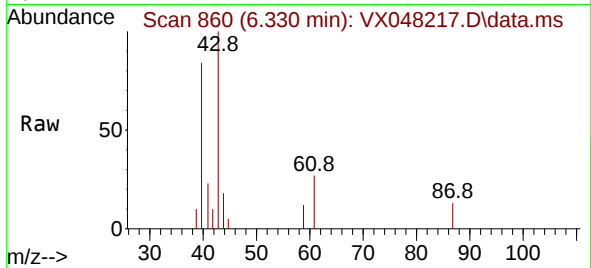




#43
Isopropyl Acetate
Concen: 3.042 ug/l
RT: 6.330 min Scan# 860
Delta R.T. 0.006 min
Lab File: VX048217.D
Acq: 17 Oct 2025 16:54

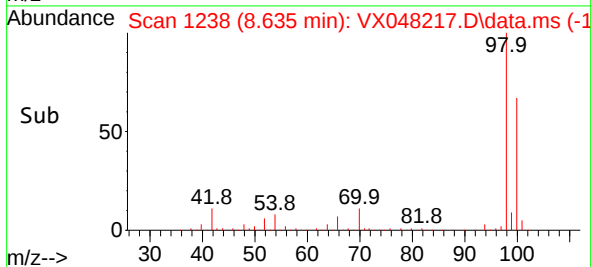
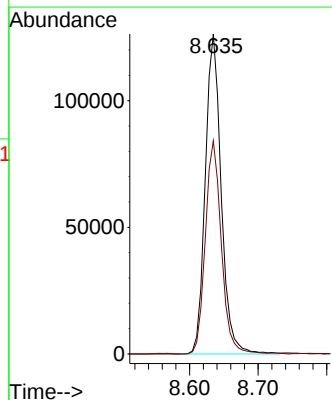
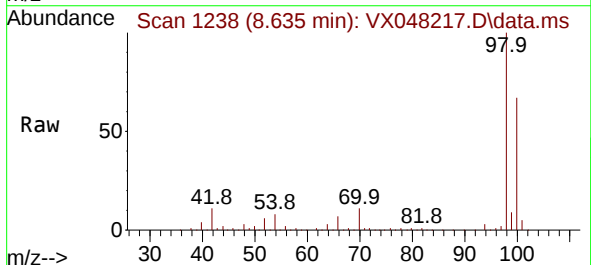
Instrument :
MSVOA_X
ClientSampleId :
DRUM-1

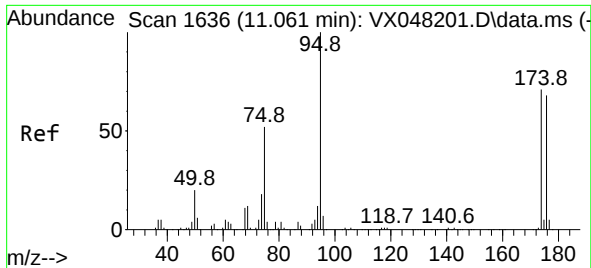
Tgt Ion: 43 Resp: 6801
Ion Ratio Lower Upper
43 100
61 16.5 14.9 22.3
87 11.6 9.4 14.2



#50
Toluene-d8
Concen: 47.924 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048217.D
Acq: 17 Oct 2025 16:54

Tgt Ion: 98 Resp: 204246
Ion Ratio Lower Upper
98 100
100 67.2 53.0 79.4

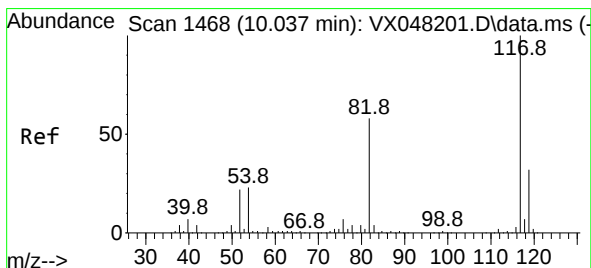
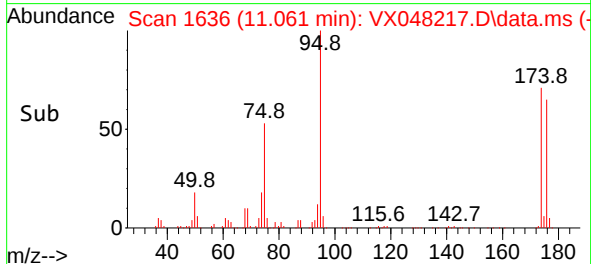
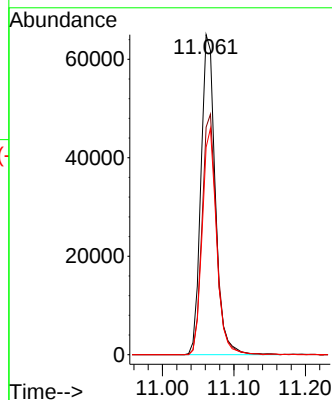
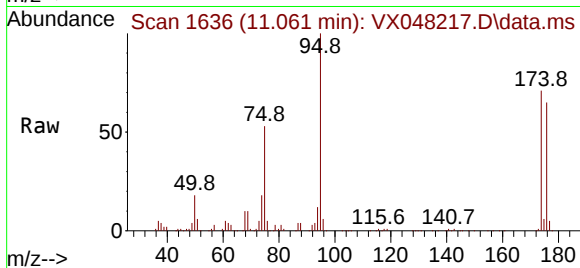




#62
4-Bromofluorobenzene
Concen: 58.293 ug/l
RT: 11.061 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048217.D
Acq: 17 Oct 2025 16:54

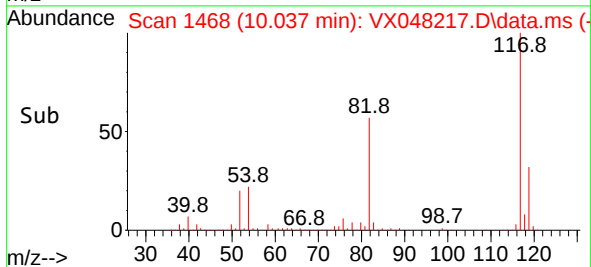
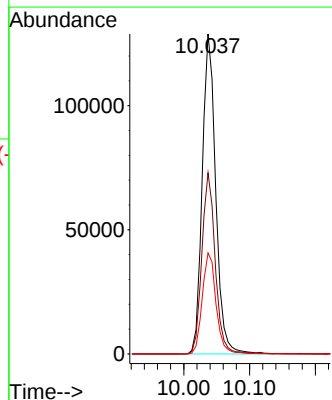
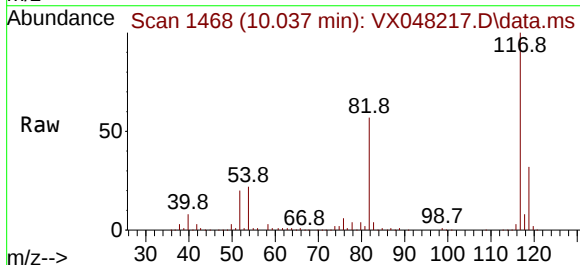
Instrument :
MSVOA_X
ClientSampleId :
DRUM-1

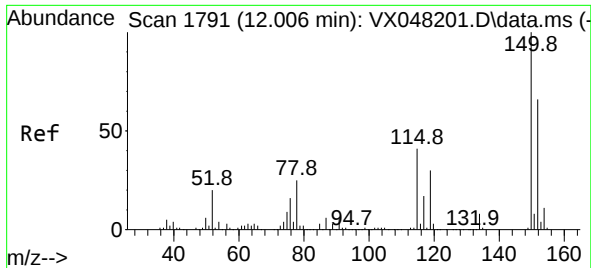
Tgt Ion: 95 Resp: 90487
Ion Ratio Lower Upper
95 100
174 76.6 0.0 147.8
176 71.0 0.0 142.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048217.D
Acq: 17 Oct 2025 16:54

Tgt Ion: 117 Resp: 184030
Ion Ratio Lower Upper
117 100
82 56.6 46.5 69.7
119 31.5 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: VX048217.D

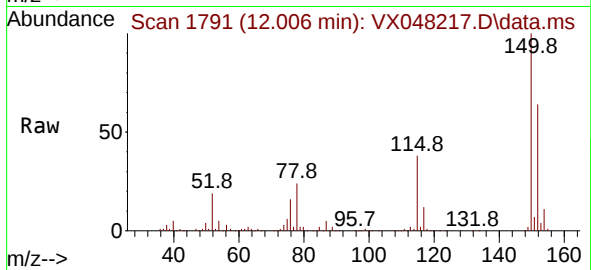
Acq: 17 Oct 2025 16:54

Instrument :

MSVOA_X

ClientSampleId :

DRUM-1



Tgt Ion:152 Resp: 95110

Ion Ratio Lower Upper

152 100

115 61.4 43.1 129.4

150 156.5 0.0 353.0

