

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102125\
 Data File : VX048272.D
 Acq On : 21 Oct 2025 16:04
 Operator : JC/MD
 Sample : Q3392-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-19

Quant Time: Oct 24 04:28:07 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)

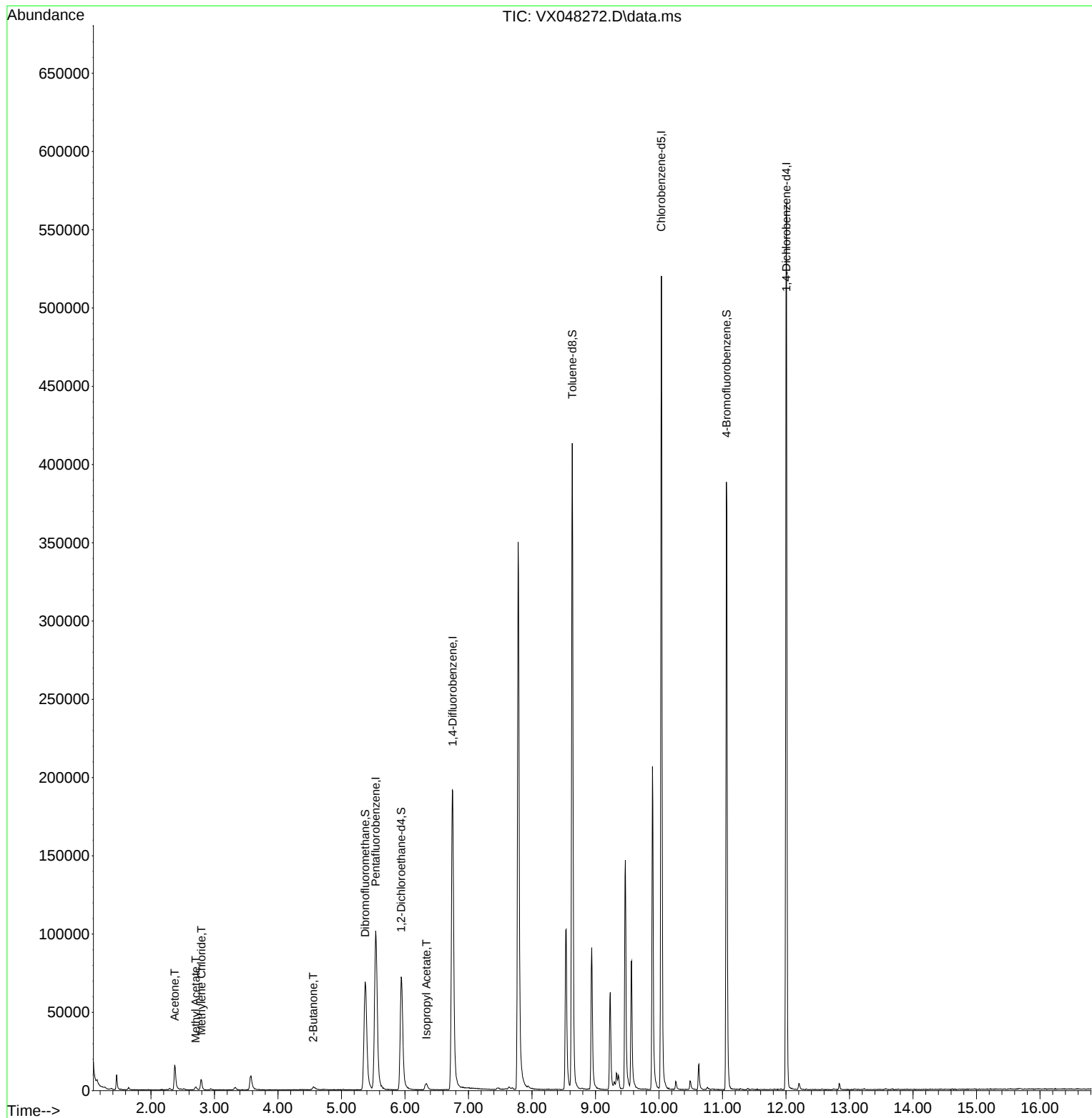
Internal Standards						
1) Pentafluorobenzene	5.538	168	104161	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	215935	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	243754	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	122293	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	82433	56.445	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	112.900%
35) Dibromofluoromethane	5.373	113	66998	45.448	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.900%
50) Toluene-d8	8.635	98	255253	49.399	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.800%
62) 4-Bromofluorobenzene	11.061	95	112149	57.052	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	114.100%
Target Compounds						
						Qvalue
16) Acetone	2.374	43	20209	40.337	ug/l	96
18) Methyl Acetate	2.703	43	2996	2.863	ug/l	93
20) Methylene Chloride	2.794	84	3169	2.596	ug/l #	82
25) 2-Butanone	4.556	43	3944	6.219	ug/l	91
43) Isopropyl Acetate	6.336	43	6901	2.419	ug/l #	92

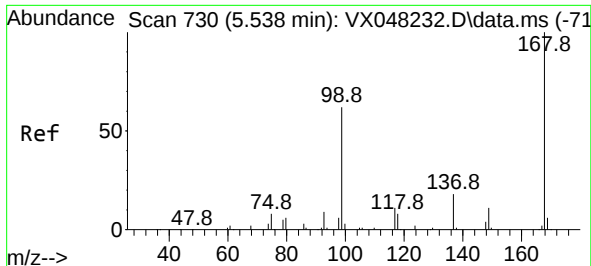
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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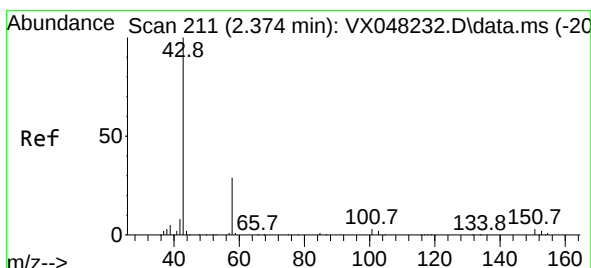
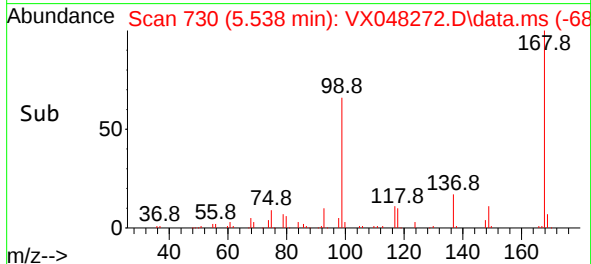
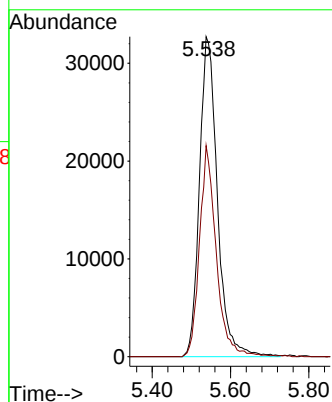
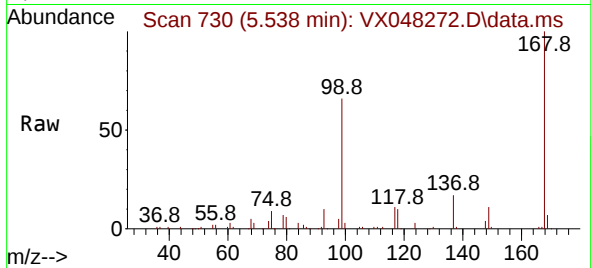




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 730
Delta R.T. -0.006 min
Lab File: VX048272.D
Acq: 21 Oct 2025 16:04

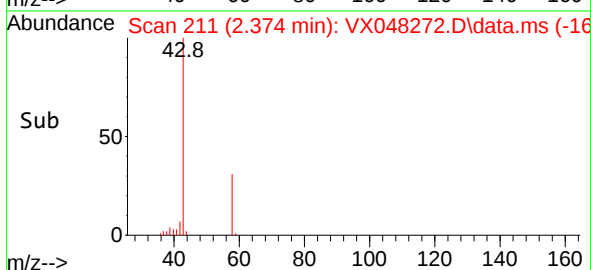
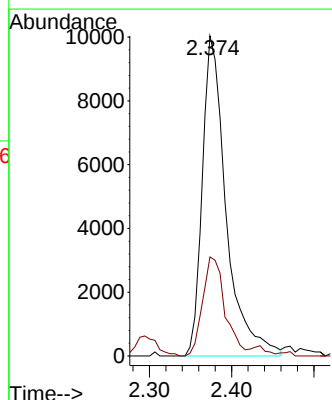
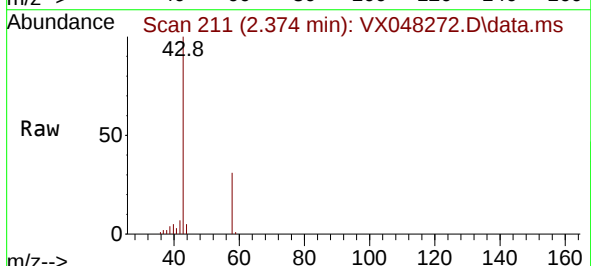
Instrument :
MSVOA_X
ClientSampleId :
MH-19

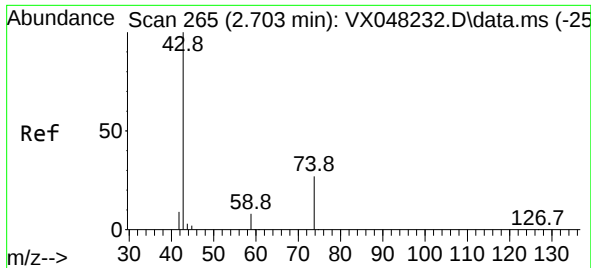
Tgt Ion:168 Resp: 104161
Ion Ratio Lower Upper
168 100
99 66.0 46.4 69.6



#16
Acetone
Concen: 40.337 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX048272.D
Acq: 21 Oct 2025 16:04

Tgt Ion: 43 Resp: 20209
Ion Ratio Lower Upper
43 100
58 31.4 23.4 35.2

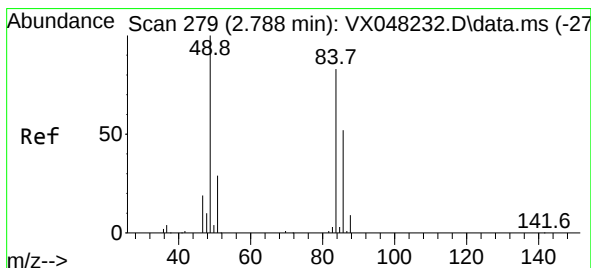
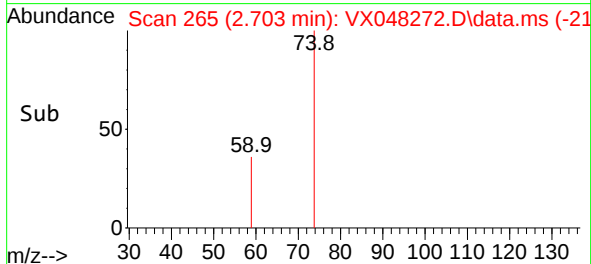
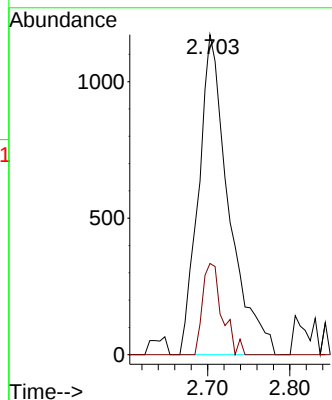
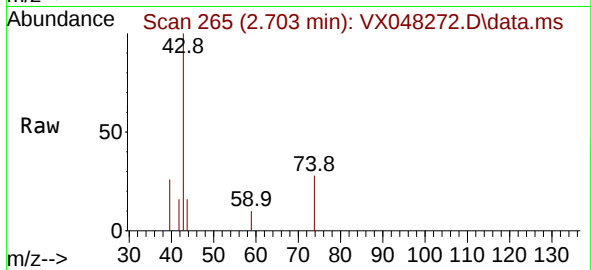




#18
Methyl Acetate
Concen: 2.863 ug/l
RT: 2.703 min Scan# 218
Delta R.T. 0.006 min
Lab File: VX048272.D
Acq: 21 Oct 2025 16:04

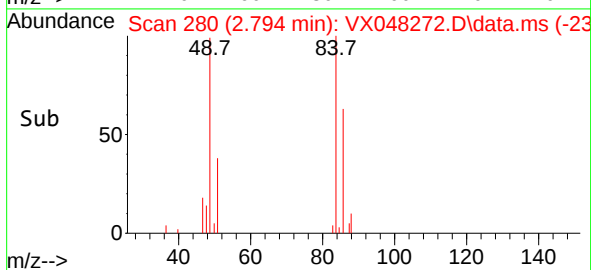
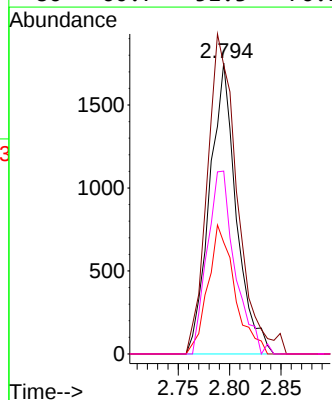
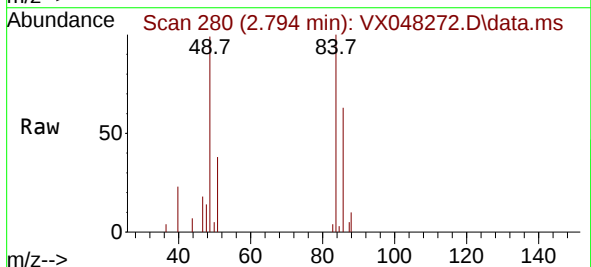
Instrument :
MSVOA_X
ClientSampleId :
MH-19

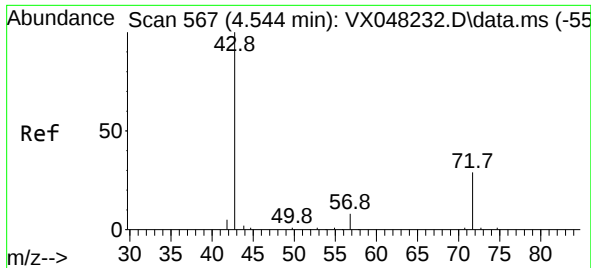
Tgt Ion: 43 Resp: 2996
Ion Ratio Lower Upper
43 100
74 18.4 17.5 26.3



#20
Methylene Chloride
Concen: 2.596 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX048272.D
Acq: 21 Oct 2025 16:04

Tgt Ion: 84 Resp: 3169
Ion Ratio Lower Upper
84 100
49 95.9 104.1 156.1#
51 37.0 31.3 46.9
86 60.7 51.3 76.9





#25

2-Butanone

Concen: 6.219 ug/l

RT: 4.556 min Scan# 5

Delta R.T. 0.018 min

Lab File: VX048272.D

Acq: 21 Oct 2025 16:04

Instrument :

MSVOA_X

ClientSampleId :

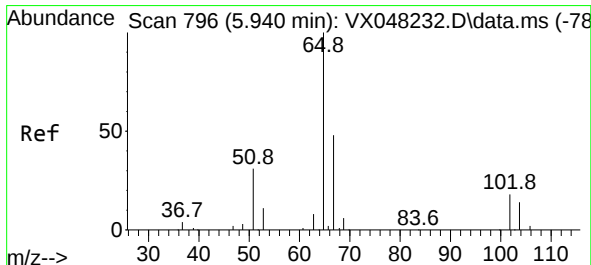
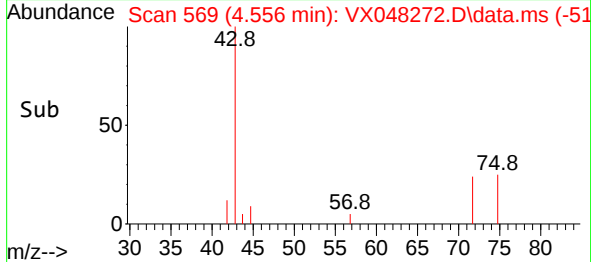
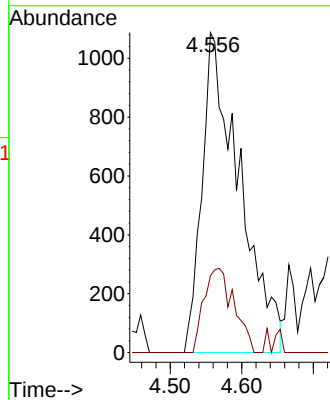
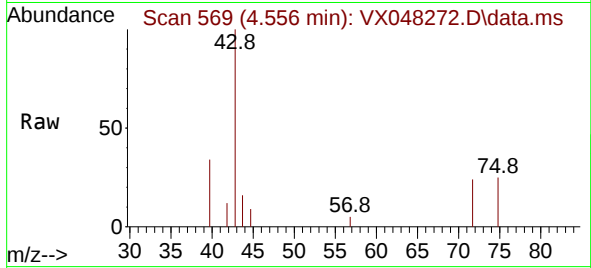
MH-19

Tgt Ion: 43 Resp: 3944

Ion Ratio Lower Upper

43 100

72 20.6 19.9 29.9



#33

1,2-Dichloroethane-d4

Concen: 56.445 ug/l

RT: 5.940 min Scan# 796

Delta R.T. 0.000 min

Lab File: VX048272.D

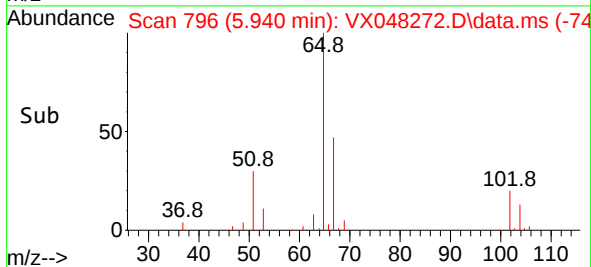
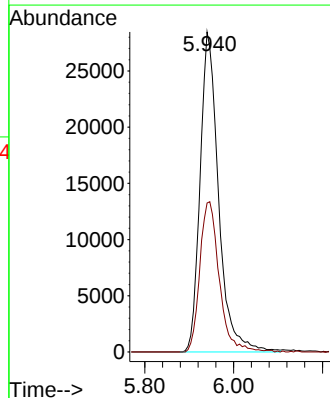
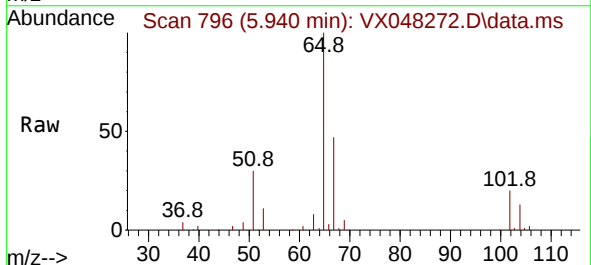
Acq: 21 Oct 2025 16:04

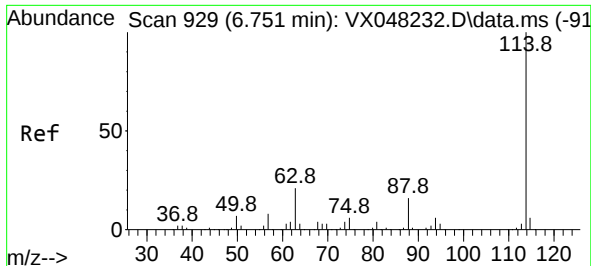
Tgt Ion: 65 Resp: 82433

Ion Ratio Lower Upper

65 100

67 49.2 0.0 105.0

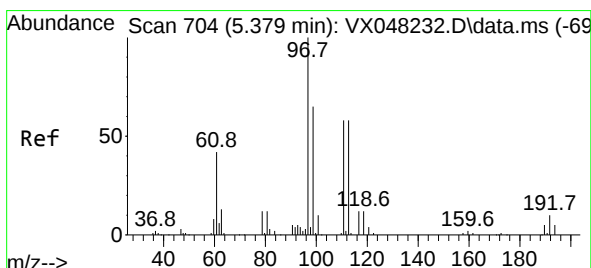
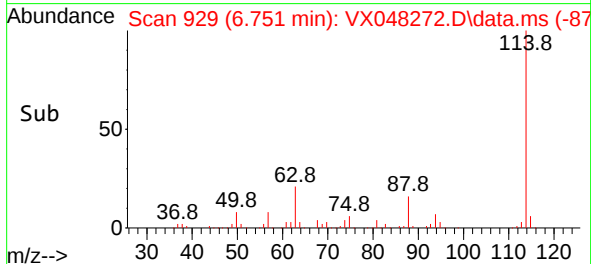
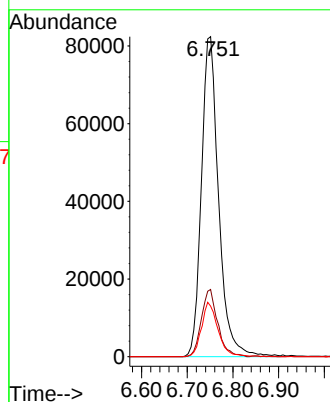
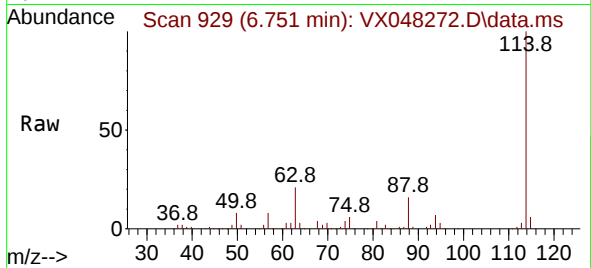




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX048272.D
Acq: 21 Oct 2025 16:04

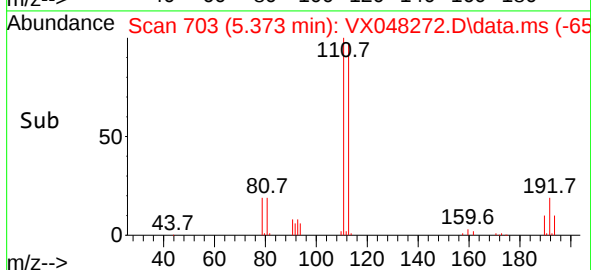
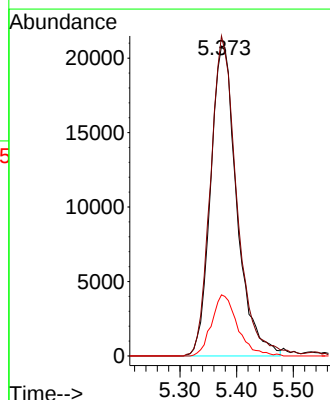
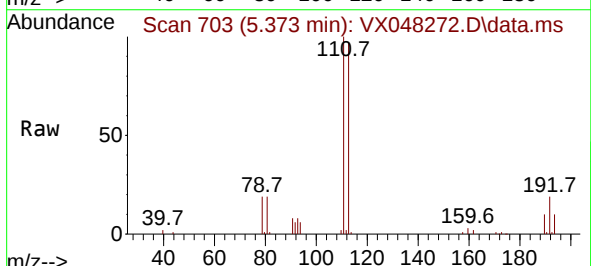
Instrument :
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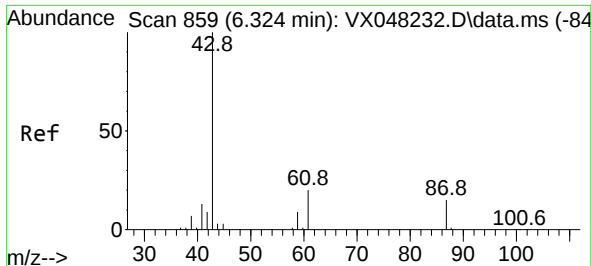
Tgt Ion:114 Resp: 215935
Ion Ratio Lower Upper
114 100
63 21.0 0.0 43.2
88 15.8 0.0 33.6



#35
Dibromofluoromethane
Concen: 45.448 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX048272.D
Acq: 21 Oct 2025 16:04

Tgt Ion:113 Resp: 66998
Ion Ratio Lower Upper
113 100
111 103.8 82.2 123.4
192 19.5 15.1 22.7

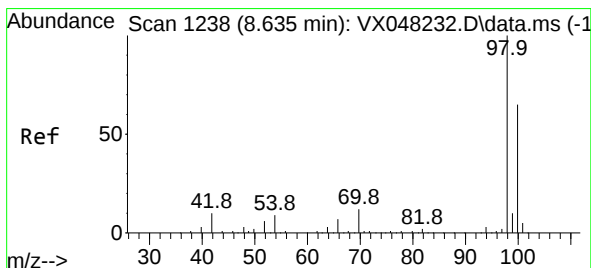
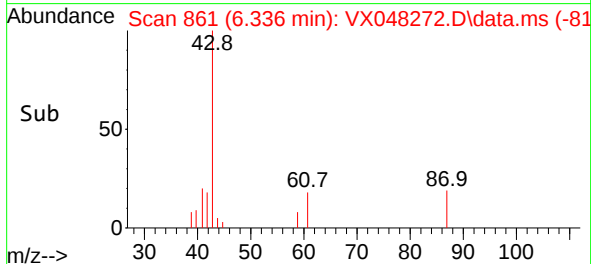
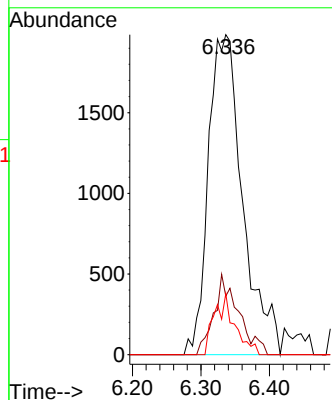
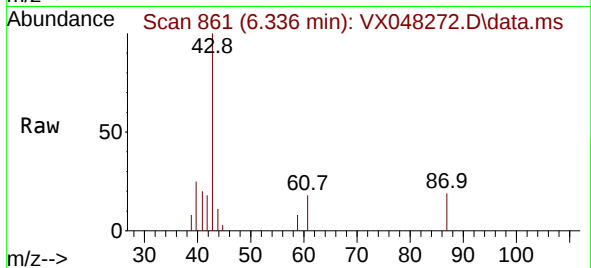




#43
Isopropyl Acetate
Concen: 2.419 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.012 min
Lab File: VX048272.D
Acq: 21 Oct 2025 16:04

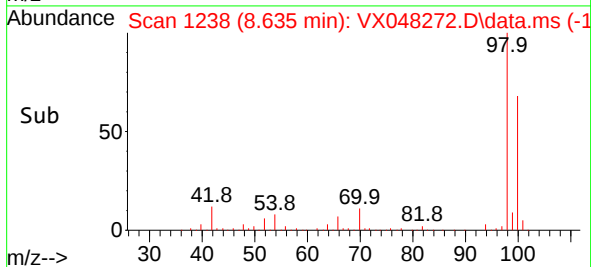
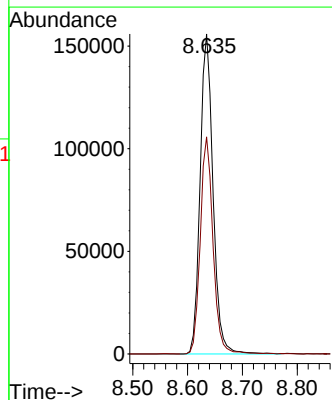
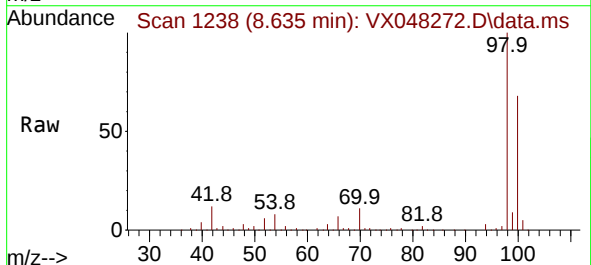
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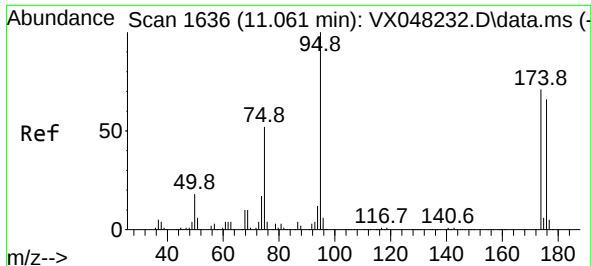
Tgt Ion: 43 Resp: 6901
Ion Ratio Lower Upper
43 100
61 18.1 14.9 22.3
87 5.0 9.4 14.2#



#50
Toluene-d8
Concen: 49.399 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VX048272.D
Acq: 21 Oct 2025 16:04

Tgt Ion: 98 Resp: 255253
Ion Ratio Lower Upper
98 100
100 67.1 53.0 79.4





#62

4-Bromofluorobenzene

Concen: 57.052 ug/l

RT: 11.061 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX048272.D

Acq: 21 Oct 2025 16:04

Instrument :

MSVOA_X

ClientSampleId :

MH-19

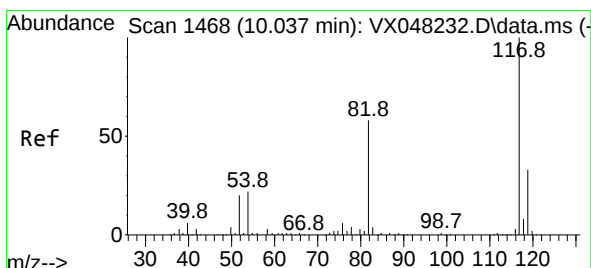
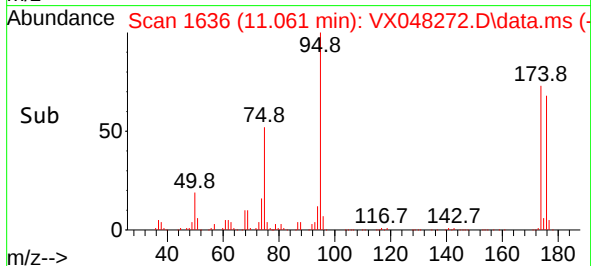
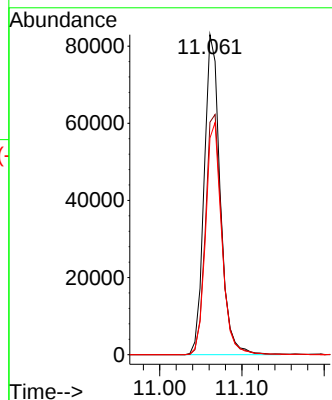
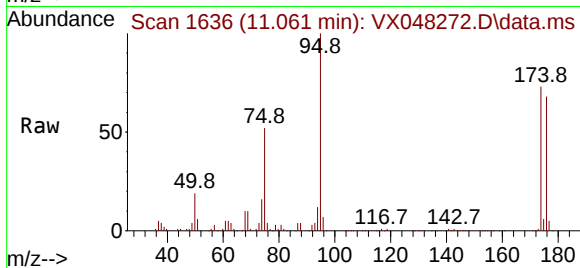
Tgt Ion: 95 Resp: 112149

Ion Ratio Lower Upper

95 100

174 77.1 0.0 147.8

176 73.1 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: VX048272.D

Acq: 21 Oct 2025 16:04

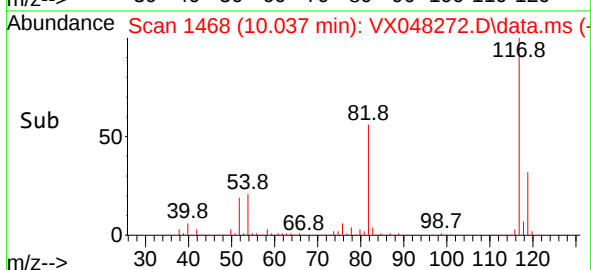
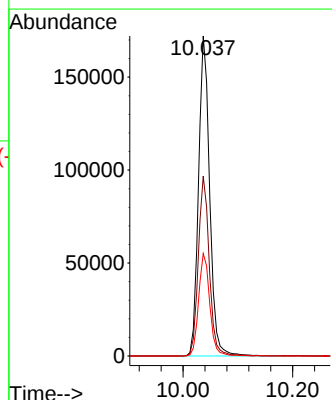
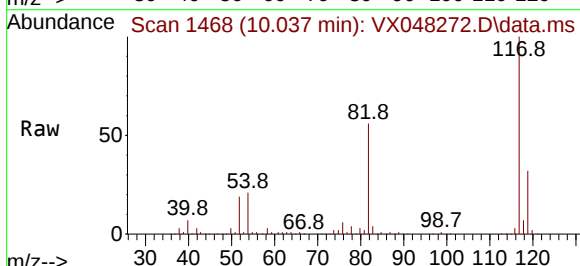
Tgt Ion: 117 Resp: 243754

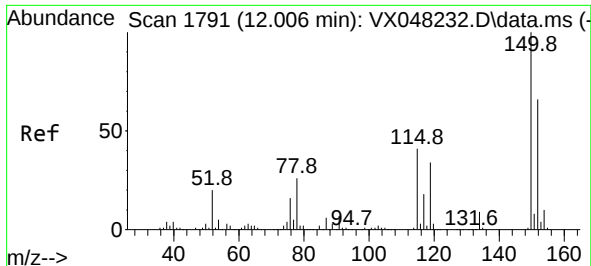
Ion Ratio Lower Upper

117 100

82 56.2 46.5 69.7

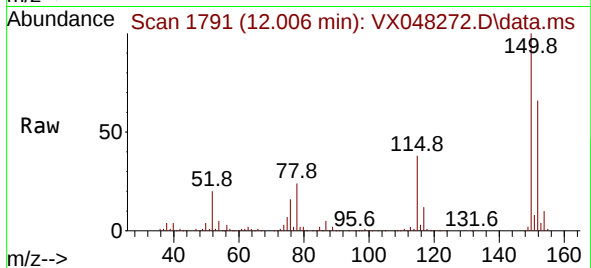
119 32.0 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX048272.D
 Acq: 21 Oct 2025 16:04

Instrument :
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Tgt Ion:152 Resp: 122293
 Ion Ratio Lower Upper
 152 100
 115 61.0 43.1 129.4
 150 155.6 0.0 353.0

