

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070125\
 Data File : VX046849.D
 Acq On : 01 Jul 2025 11:03
 Operator : JC/MD
 Sample : Q2461-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SW-3

Quant Time: Jul 02 01:39:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 18 03:09:16 2025
 Response via : Initial Calibration

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

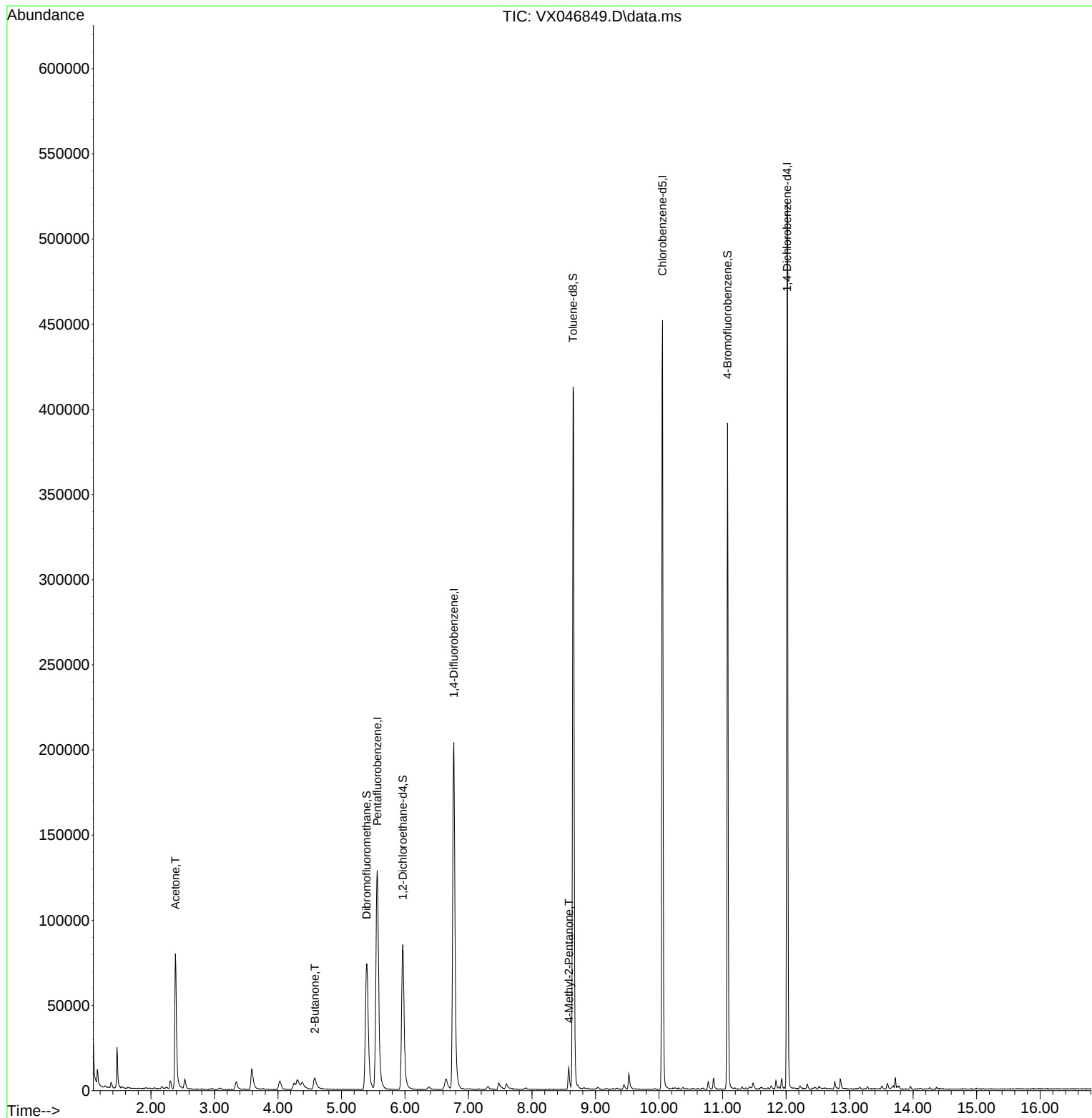
Internal Standards						
1) Pentafluorobenzene	5.562	168	134278	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	224959	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	205629	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	105734	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	88565	47.685	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.360%
35) Dibromofluoromethane	5.397	113	73090	49.106	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.220%
50) Toluene-d8	8.647	98	262232	49.038	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.080%
62) 4-Bromofluorobenzene	11.079	95	102796	51.569	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	103.140%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	99079	159.968	ug/l	98
25) 2-Butanone	4.580	43	15504	17.699	ug/l	94
51) 4-Methyl-2-Pentanone	8.580	43	8772	4.739	ug/l	98

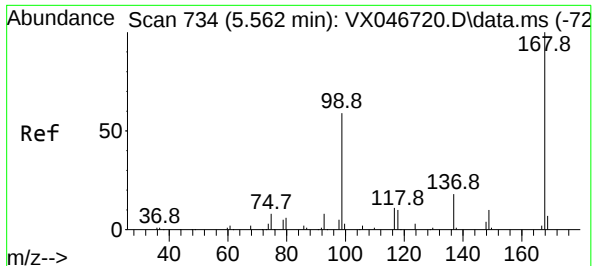
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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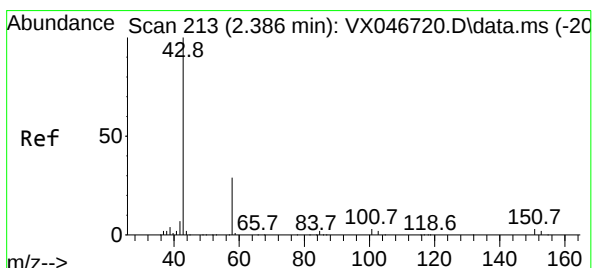
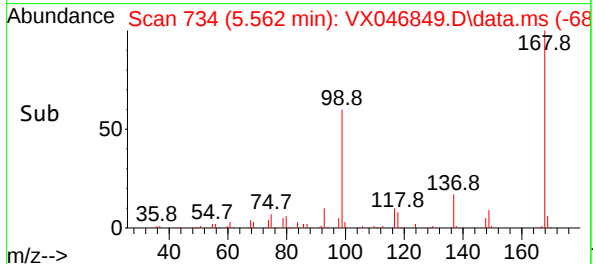
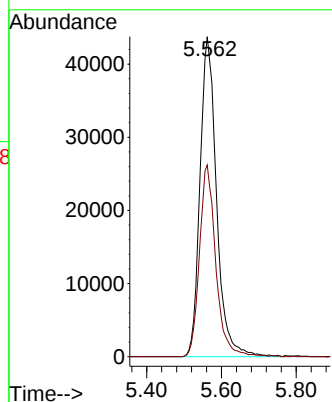
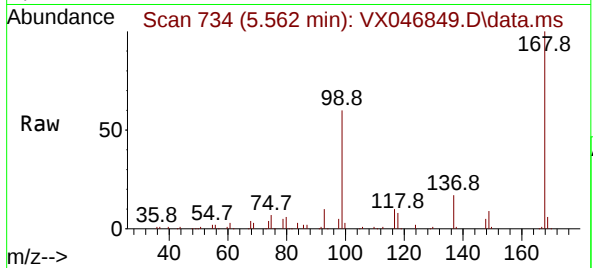




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046849.D
Acq: 01 Jul 2025 11:03

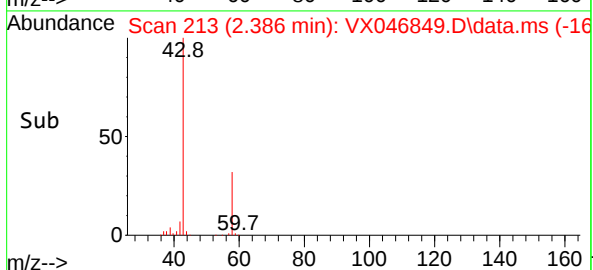
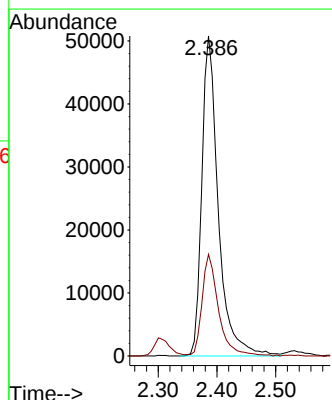
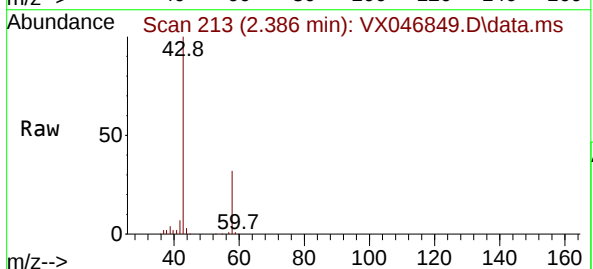
Instrument :
MSVOA_X
ClientSampleId :
SW-3

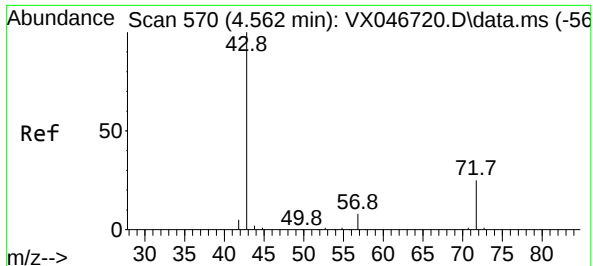
Tgt Ion:168 Resp: 134278
Ion Ratio Lower Upper
168 100
99 59.9 48.5 72.7



#16
Acetone
Concen: 159.968 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046849.D
Acq: 01 Jul 2025 11:03

Tgt Ion: 43 Resp: 99079
Ion Ratio Lower Upper
43 100
58 31.9 24.5 36.7





#25

2-Butanone

Concen: 17.699 ug/l

RT: 4.580 min Scan# 51

Delta R.T. 0.018 min

Lab File: VX046849.D

Acq: 01 Jul 2025 11:03

Instrument :

MSVOA_X

ClientSampleId :

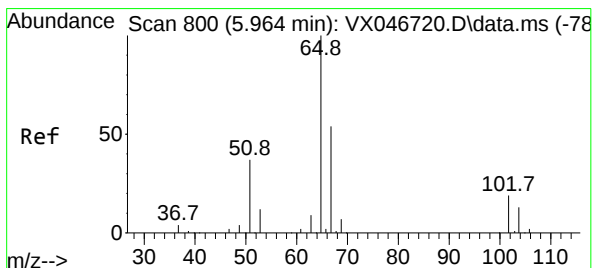
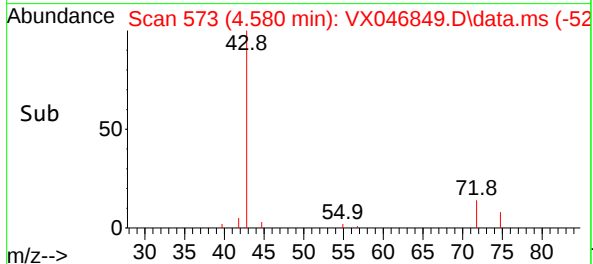
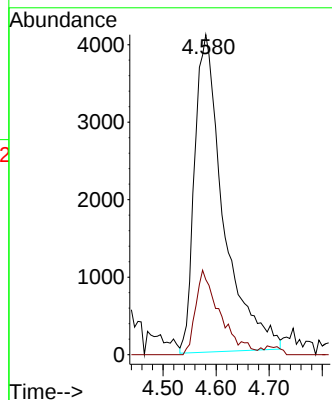
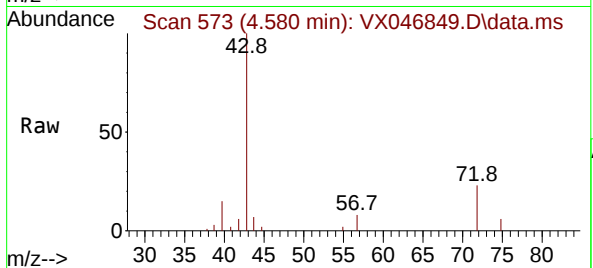
SW-3

Tgt Ion: 43 Resp: 15504

Ion Ratio Lower Upper

43 100

72 22.3 20.2 30.4



#33

1,2-Dichloroethane-d4

Concen: 47.685 ug/l

RT: 5.964 min Scan# 800

Delta R.T. -0.000 min

Lab File: VX046849.D

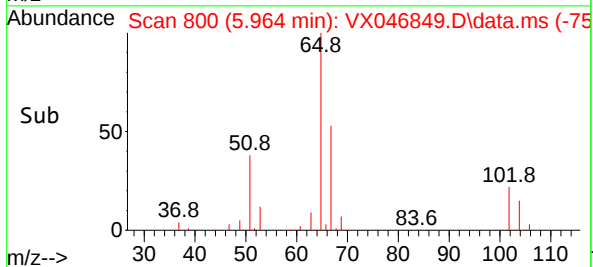
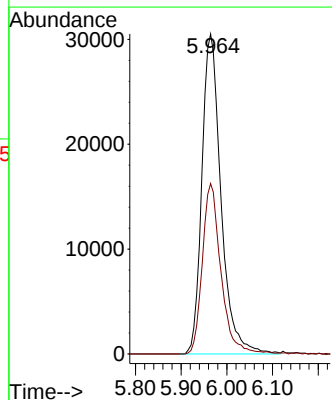
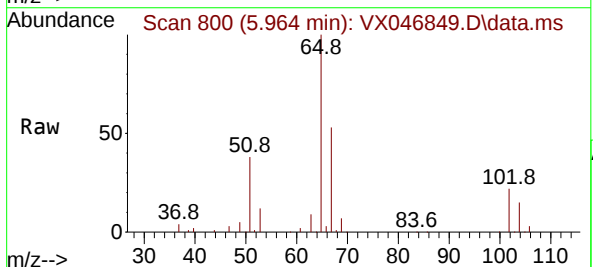
Acq: 01 Jul 2025 11:03

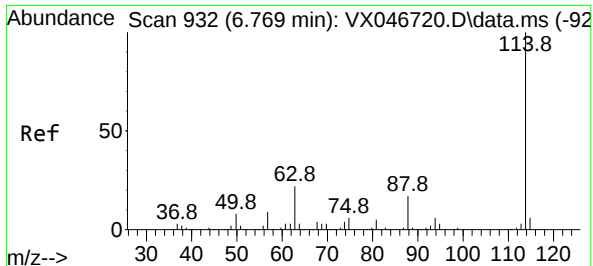
Tgt Ion: 65 Resp: 88565

Ion Ratio Lower Upper

65 100

67 51.7 0.0 105.4

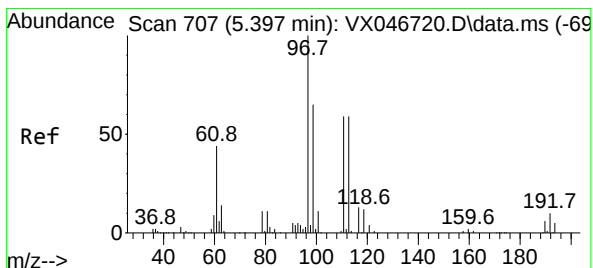
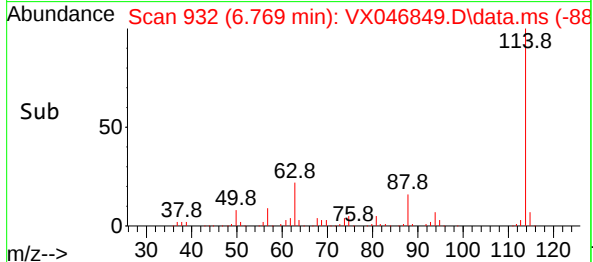
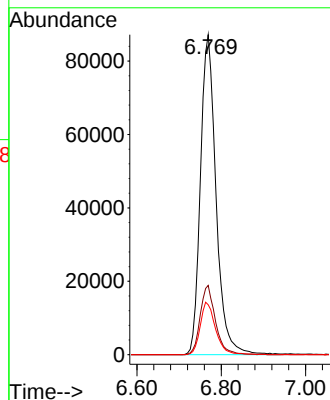
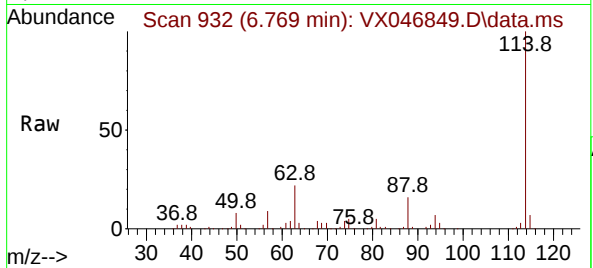




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX046849.D
Acq: 01 Jul 2025 11:03

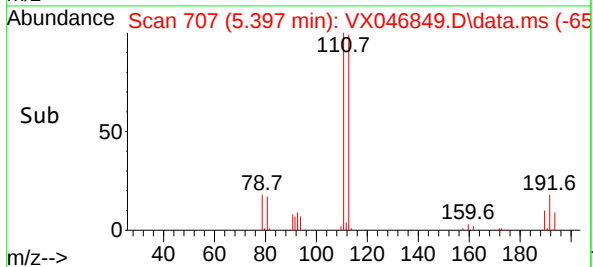
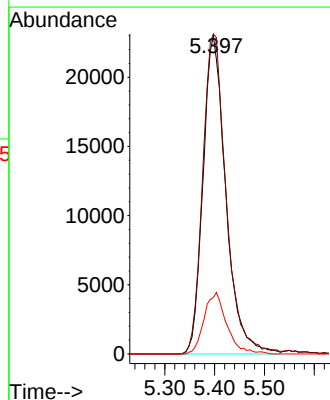
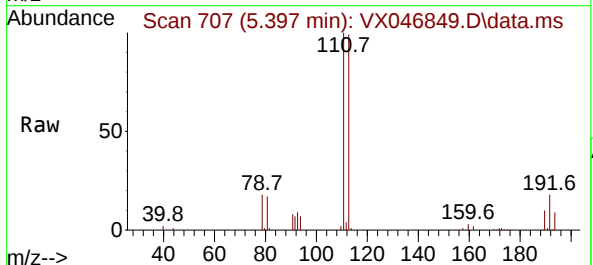
Instrument :
MSVOA_X
ClientSampleId :
SW-3

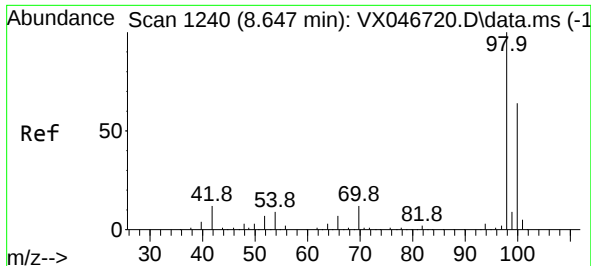
Tgt Ion:114 Resp: 224959
Ion Ratio Lower Upper
114 100
63 24.4 0.0 44.2
88 15.6 0.0 33.2



#35
Dibromofluoromethane
Concen: 49.106 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046849.D
Acq: 01 Jul 2025 11:03

Tgt Ion:113 Resp: 73090
Ion Ratio Lower Upper
113 100
111 103.2 82.0 123.0
192 19.2 15.3 22.9

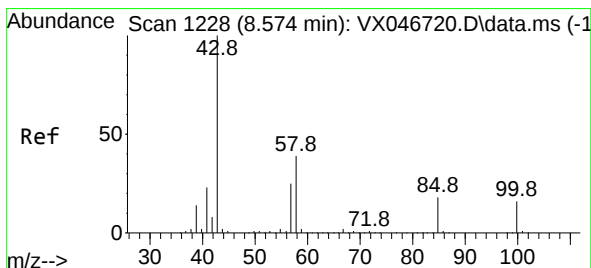
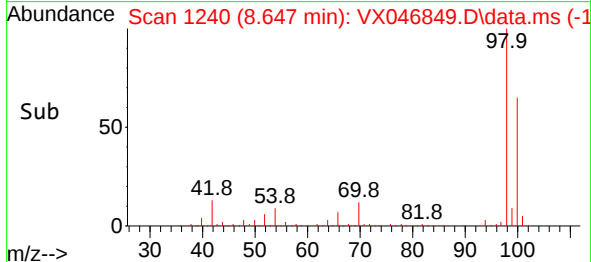
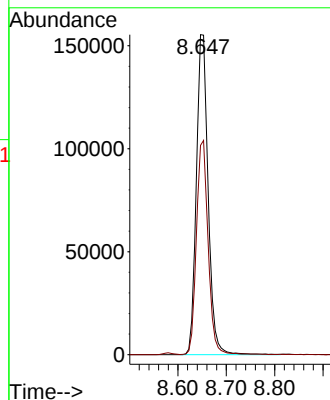
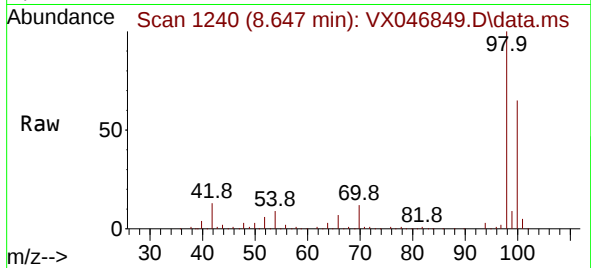




#50
Toluene-d8
Concen: 49.038 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046849.D
Acq: 01 Jul 2025 11:03

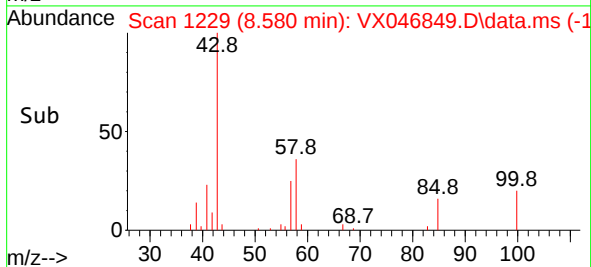
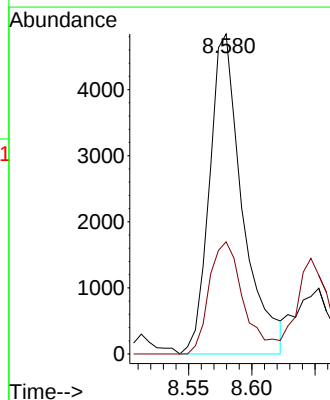
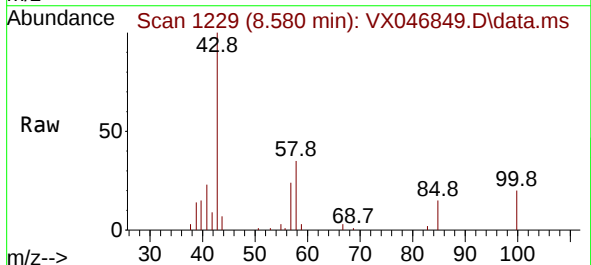
Instrument :
MSVOA_X
ClientSampleId :
SW-3

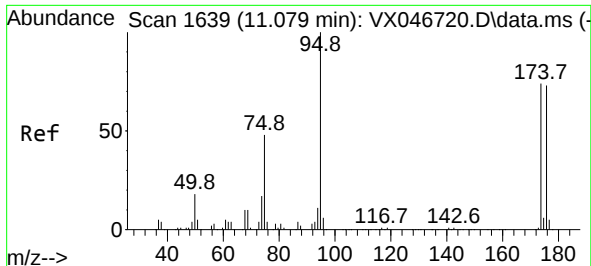
Tgt Ion: 98 Resp: 262232
Ion Ratio Lower Upper
98 100
100 66.1 53.0 79.4



#51
4-Methyl-2-Pentanone
Concen: 4.739 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX046849.D
Acq: 01 Jul 2025 11:03

Tgt Ion: 43 Resp: 8772
Ion Ratio Lower Upper
43 100
58 37.1 30.8 46.2





#62

4-Bromofluorobenzene

Concen: 51.569 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX046849.D

Acq: 01 Jul 2025 11:03

Instrument :

MSVOA_X

ClientSampleId :

SW-3

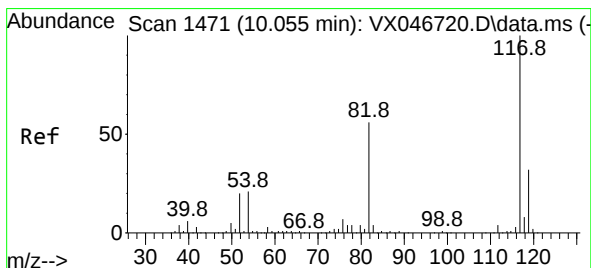
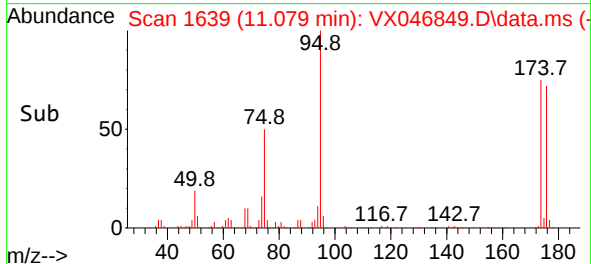
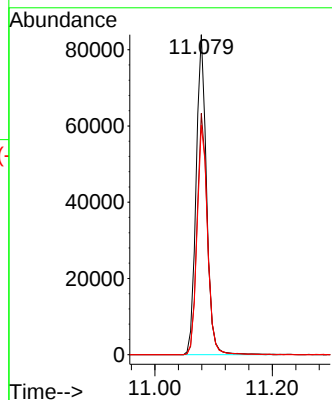
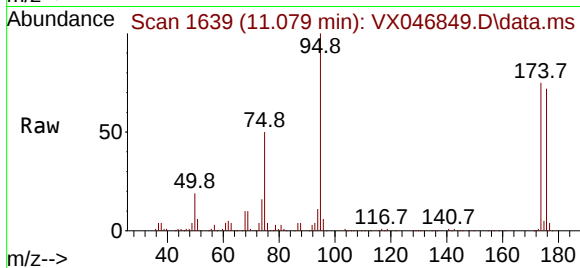
Tgt Ion: 95 Resp: 102796

Ion Ratio Lower Upper

95 100

174 75.6 0.0 150.4

176 72.9 0.0 145.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX046849.D

Acq: 01 Jul 2025 11:03

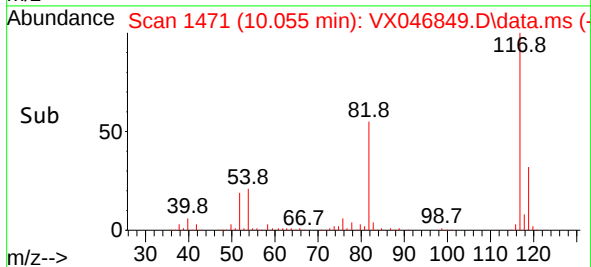
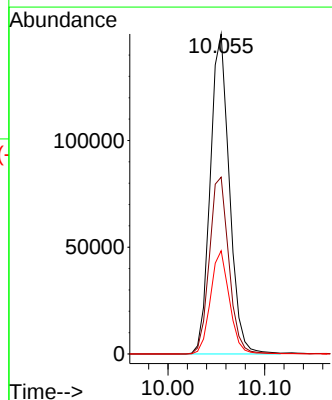
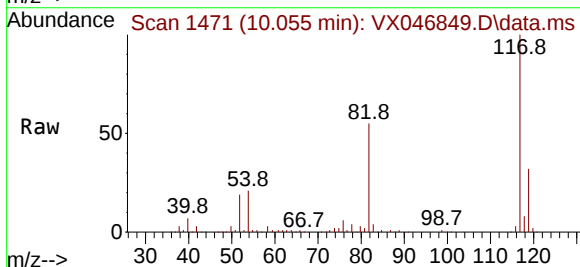
Tgt Ion: 117 Resp: 205629

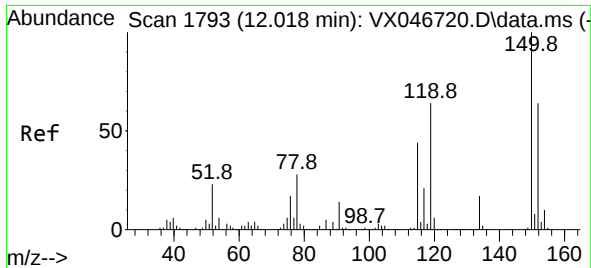
Ion Ratio Lower Upper

117 100

82 55.2 44.6 66.8

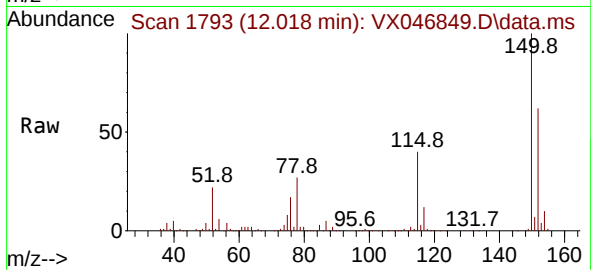
119 32.2 25.8 38.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX046849.D
 Acq: 01 Jul 2025 11:03

Instrument :
 MSVOA_X
 ClientSampleId :
 SW-3



Tgt Ion:152 Resp: 105734
 Ion Ratio Lower Upper
 152 100
 115 62.0 43.2 129.6
 150 159.4 0.0 346.8

