

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061325\
 Data File : VX046689.D
 Acq On : 13 Jun 2025 15:14
 Operator : JC/MD
 Sample : Q2295-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP01-MH1-WC

Quant Time: Jun 13 23:30:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 06 16:56:12 2025
 Response via : Initial Calibration

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

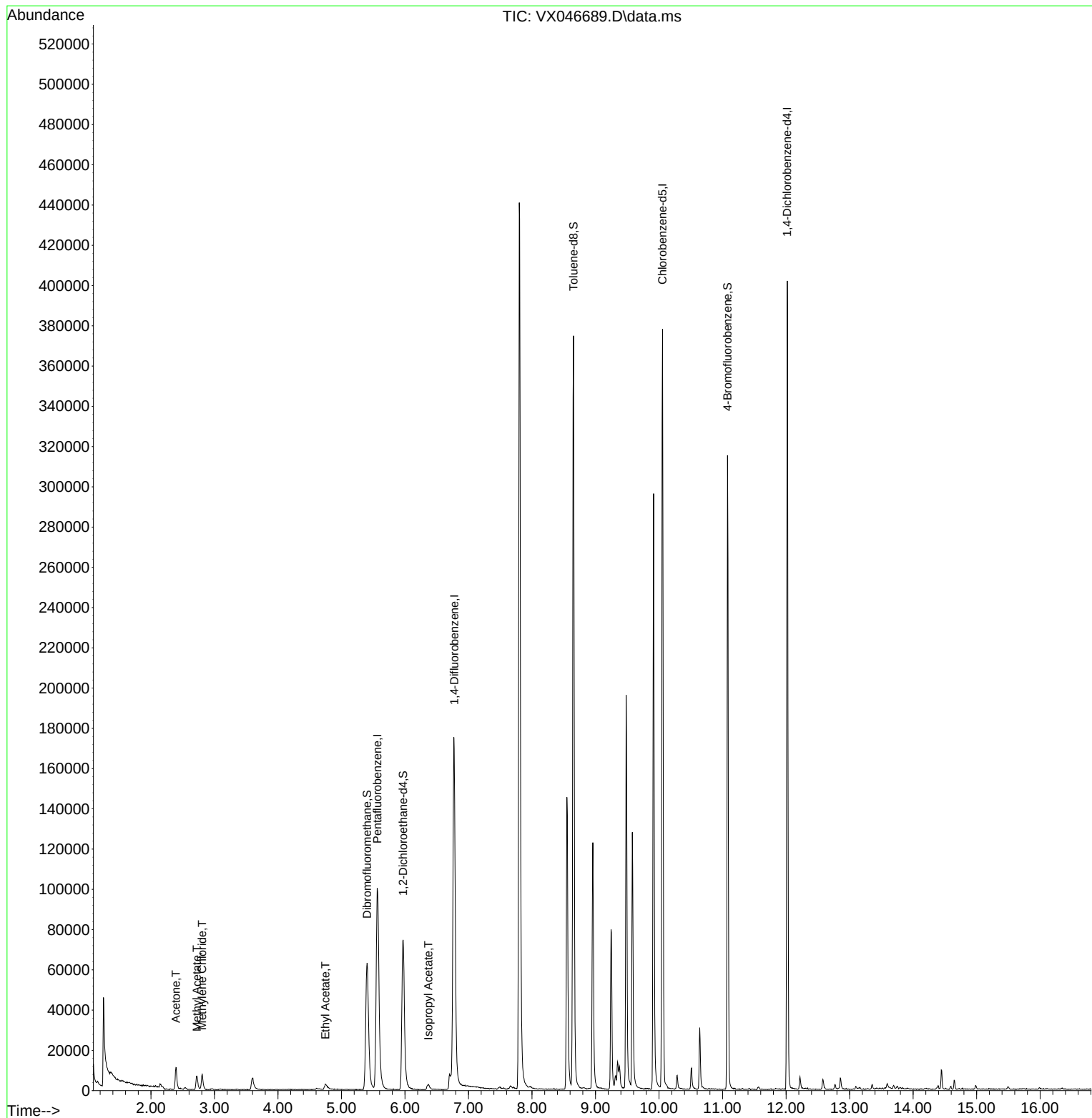
Internal Standards						
1) Pentafluorobenzene	5.562	168	97888	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.775	114	176870	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	160751	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	78630	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	81799	46.970	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.940%
35) Dibromofluoromethane	5.403	113	60493	46.508	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.020%
50) Toluene-d8	8.653	98	220767	51.482	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.960%
62) 4-Bromofluorobenzene	11.079	95	84485	47.618	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	95.240%
Target Compounds						
					Qvalue	
16) Acetone	2.392	43	14289	25.104	ug/l	94
18) Methyl Acetate	2.721	43	10352	4.990	ug/l	97
20) Methylene Chloride	2.806	84	3544	2.537	ug/l	88
37) Ethyl Acetate	4.745	43	5676	3.130	ug/l	95
43) Isopropyl Acetate	6.367	43	4570	1.446	ug/l	94

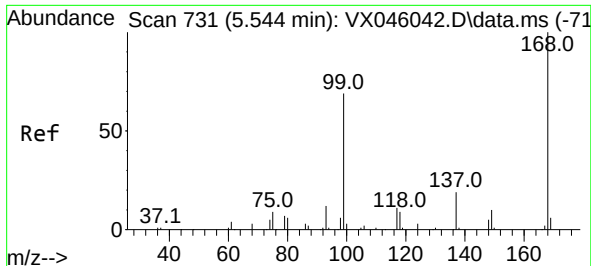
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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TP01-MH1-WC

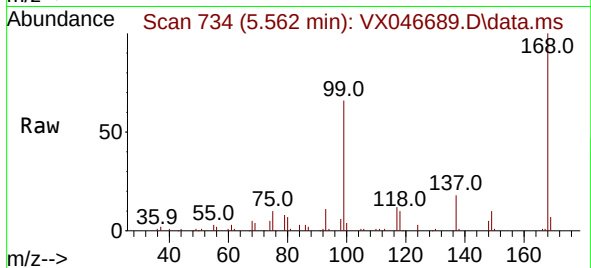
Quant Time: Jun 13 23:30:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 2025
Response via : Initial Calibration



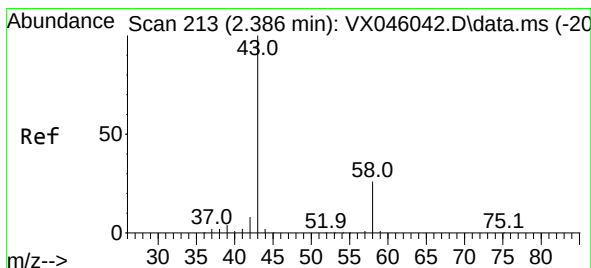
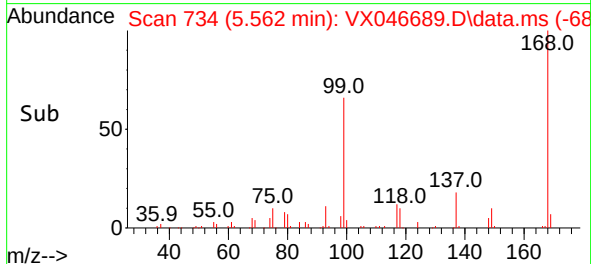
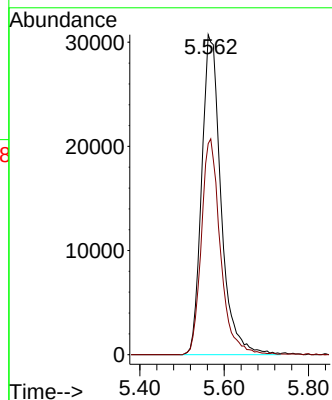


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX046689.D
Acq: 13 Jun 2025 15:14

Instrument :
MSVOA_X
ClientSampleId :
TP01-MH1-WC

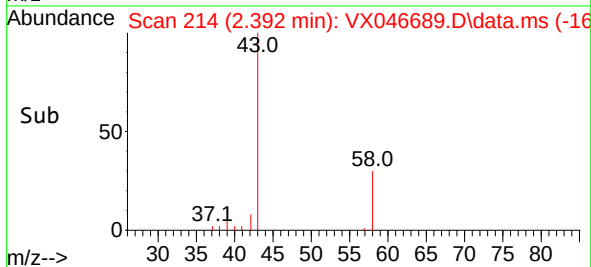
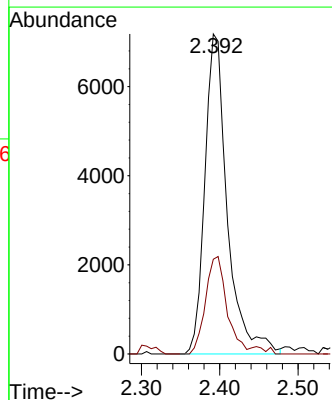
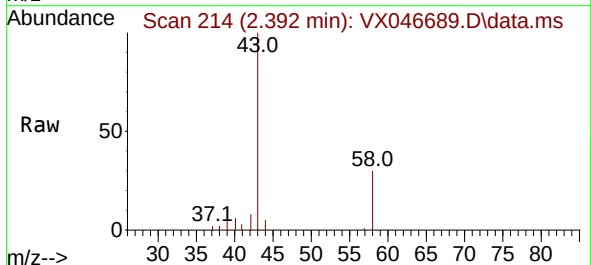


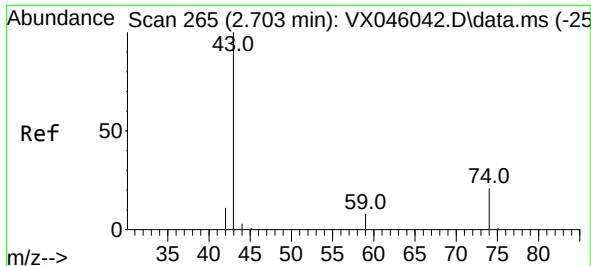
Tgt Ion:168 Resp: 97888
Ion Ratio Lower Upper
168 100
99 65.9 54.9 82.3



#16
Acetone
Concen: 25.104 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX046689.D
Acq: 13 Jun 2025 15:14

Tgt Ion: 43 Resp: 14289
Ion Ratio Lower Upper
43 100
58 29.6 21.2 31.8

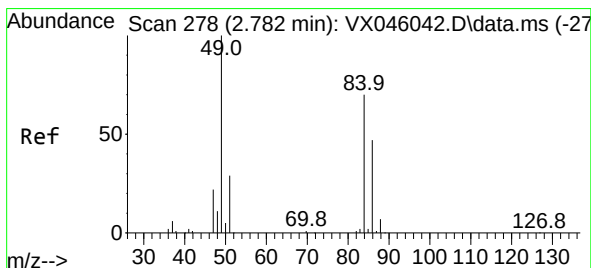
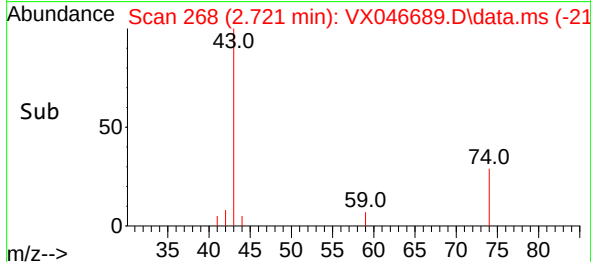
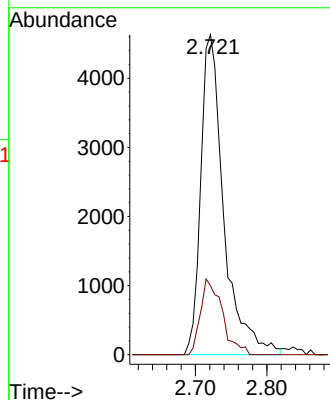
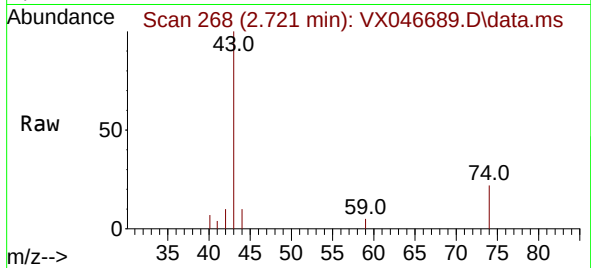




#18
Methyl Acetate
Concen: 4.990 ug/l
RT: 2.721 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX046689.D
Acq: 13 Jun 2025 15:14

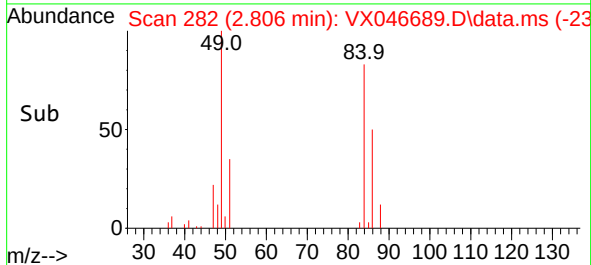
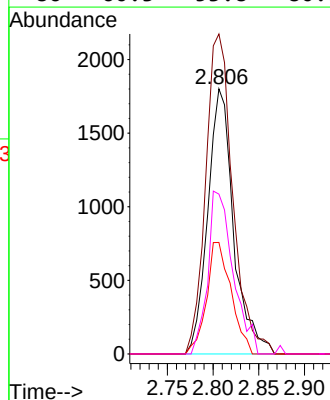
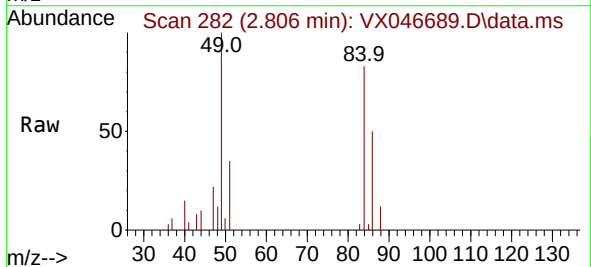
Instrument :
MSVOA_X
ClientSampleId :
TP01-MH1-WC

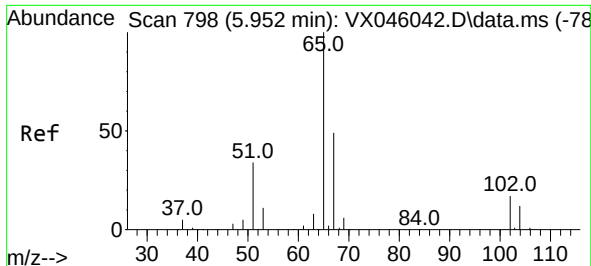
Tgt Ion: 43 Resp: 10352
Ion Ratio Lower Upper
43 100
74 22.3 16.7 25.1



#20
Methylene Chloride
Concen: 2.537 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.000 min
Lab File: VX046689.D
Acq: 13 Jun 2025 15:14

Tgt Ion: 84 Resp: 3544
Ion Ratio Lower Upper
84 100
49 120.7 113.9 170.9
51 42.1 33.5 50.3
86 60.3 53.8 80.8





#33

1,2-Dichloroethane-d4

Concen: 46.970 ug/l

RT: 5.970 min Scan# 801

Delta R.T. 0.000 min

Lab File: VX046689.D

Acq: 13 Jun 2025 15:14

Instrument :

MSVOA_X

ClientSampleId :

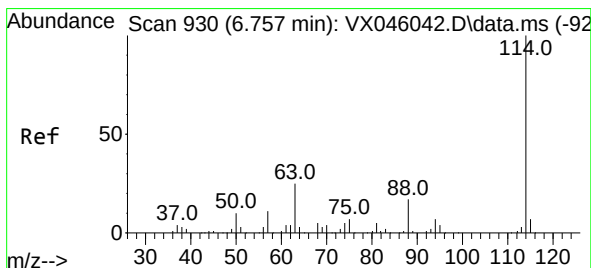
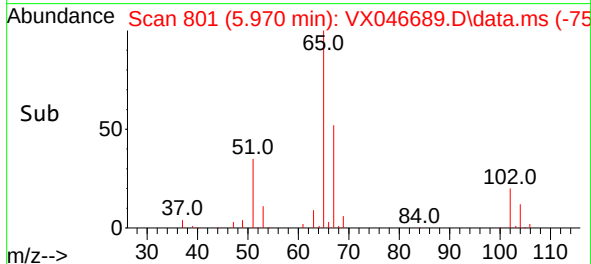
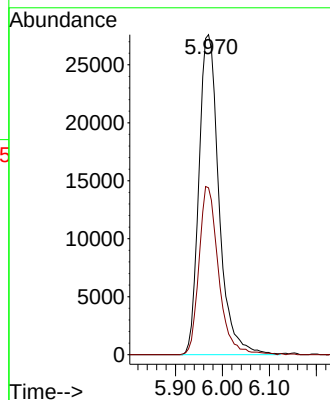
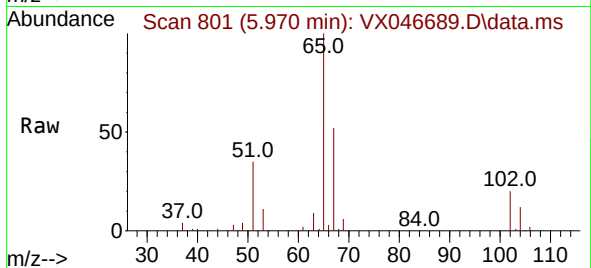
TP01-MH1-WC

Tgt Ion: 65 Resp: 81799

Ion Ratio Lower Upper

65 100

67 51.3 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.775 min Scan# 933

Delta R.T. 0.000 min

Lab File: VX046689.D

Acq: 13 Jun 2025 15:14

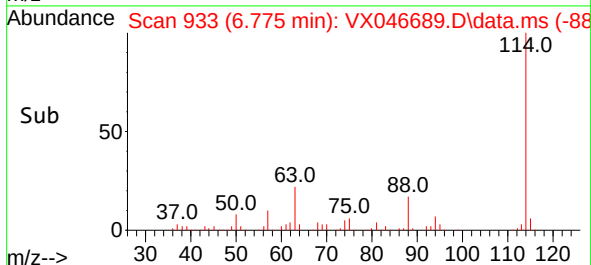
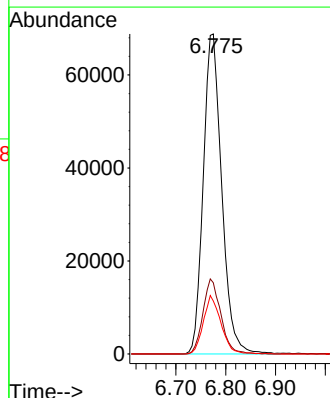
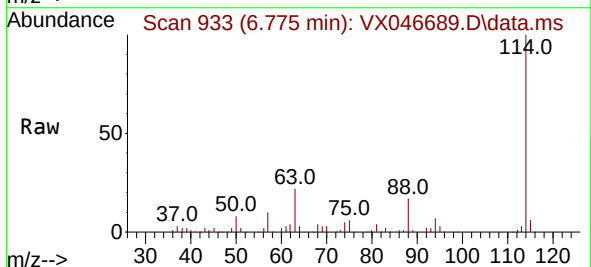
Tgt Ion: 114 Resp: 176870

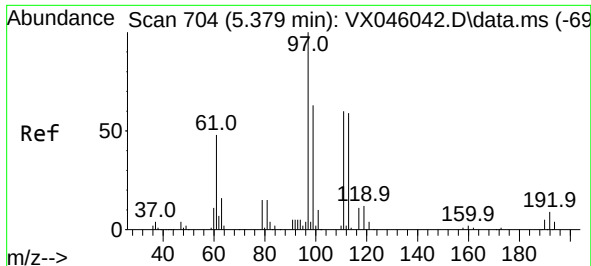
Ion Ratio Lower Upper

114 100

63 22.3 0.0 49.2

88 16.6 0.0 33.6





#35

Dibromofluoromethane

Concen: 46.508 ug/l

RT: 5.403 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX046689.D

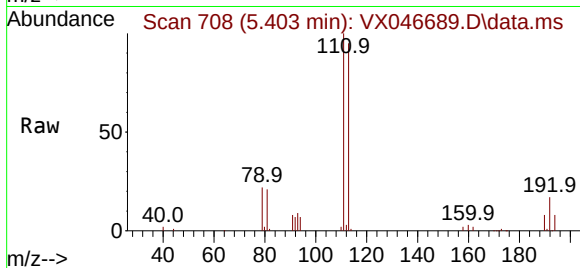
Acq: 13 Jun 2025 15:14

Instrument :

MSVOA_X

ClientSampleId :

TP01-MH1-WC



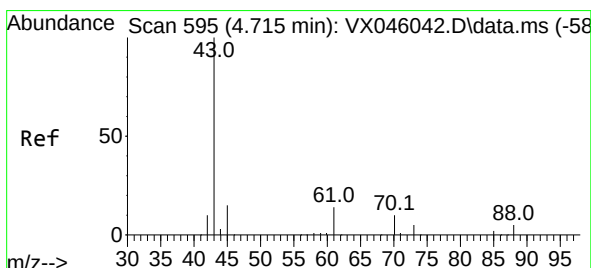
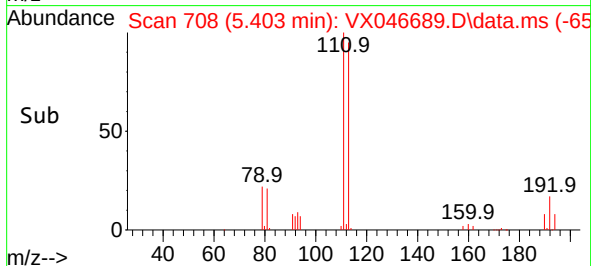
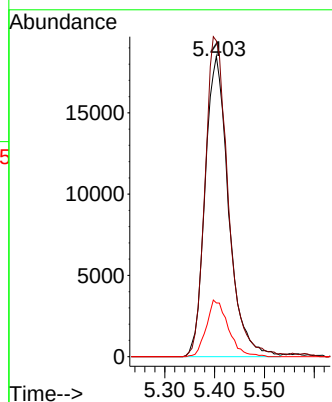
Tgt Ion:113 Resp: 60493

Ion Ratio Lower Upper

113 100

111 105.1 83.1 124.7

192 17.6 13.3 19.9



#37

Ethyl Acetate

Concen: 3.130 ug/l

RT: 4.745 min Scan# 600

Delta R.T. 0.012 min

Lab File: VX046689.D

Acq: 13 Jun 2025 15:14

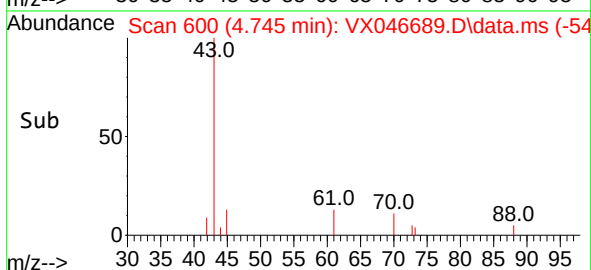
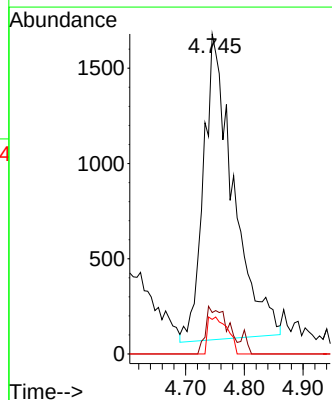
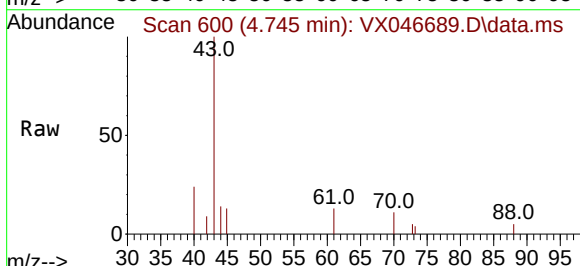
Tgt Ion: 43 Resp: 5676

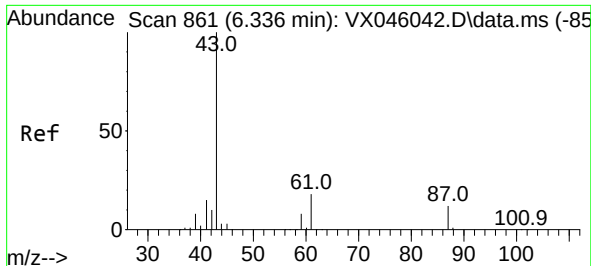
Ion Ratio Lower Upper

43 100

61 11.2 10.3 15.5

70 8.0 7.9 11.9

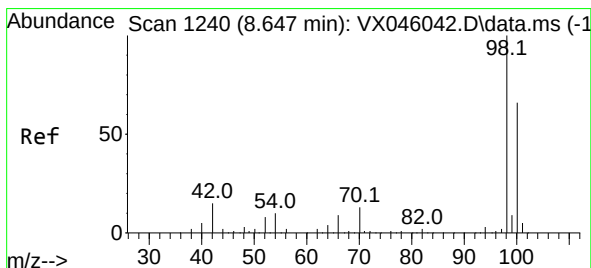
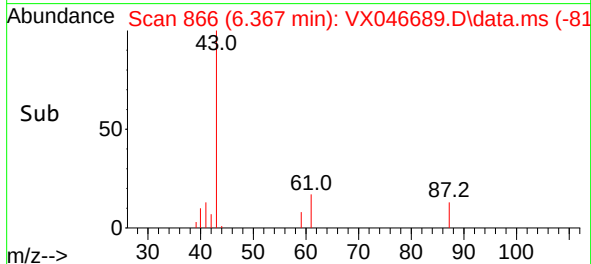
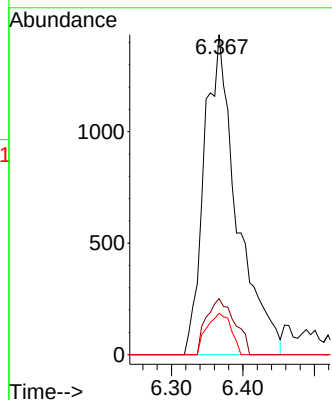
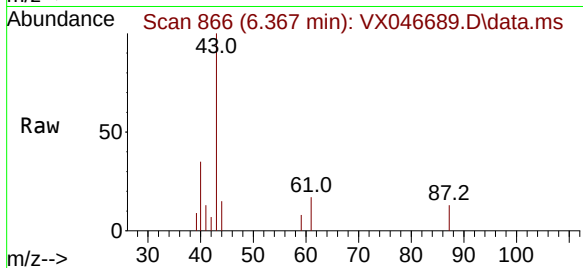




#43
Isopropyl Acetate
Concen: 1.446 ug/l
RT: 6.367 min Scan# 861
Delta R.T. 0.013 min
Lab File: VX046689.D
Acq: 13 Jun 2025 15:14

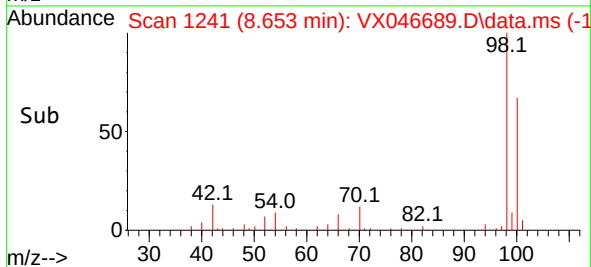
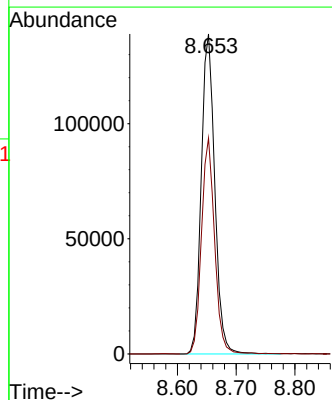
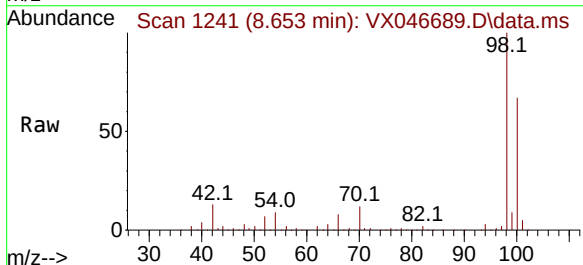
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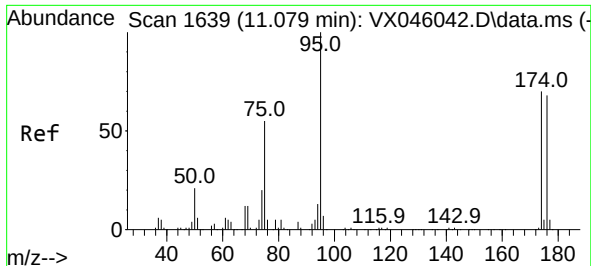
Tgt Ion: 43 Resp: 4570
Ion Ratio Lower Upper
43 100
61 15.1 14.3 21.5
87 9.6 9.5 14.3



#50
Toluene-d8
Concen: 51.482 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX046689.D
Acq: 13 Jun 2025 15:14

Tgt Ion: 98 Resp: 220767
Ion Ratio Lower Upper
98 100
100 65.9 53.5 80.3

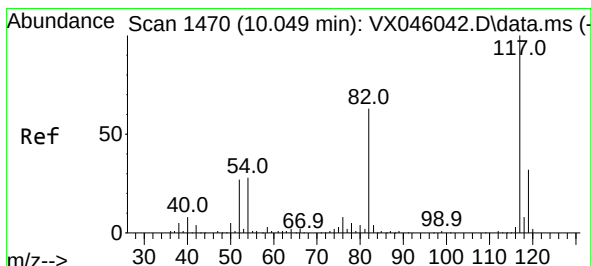
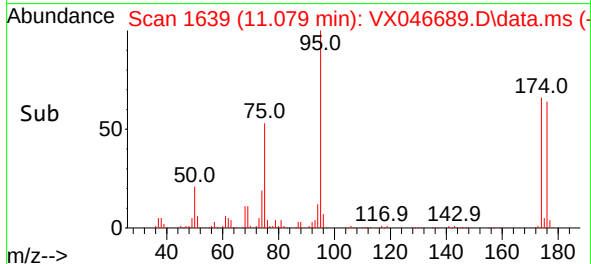
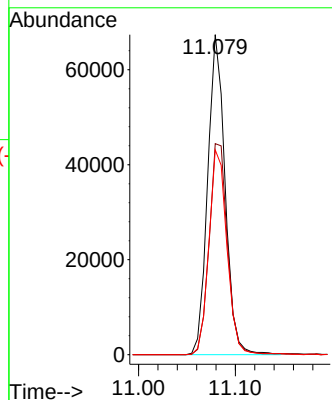
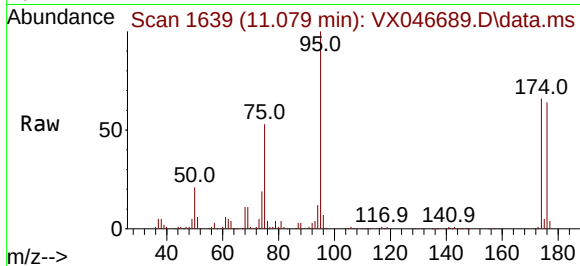




#62
4-Bromofluorobenzene
Concen: 47.618 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046689.D
Acq: 13 Jun 2025 15:14

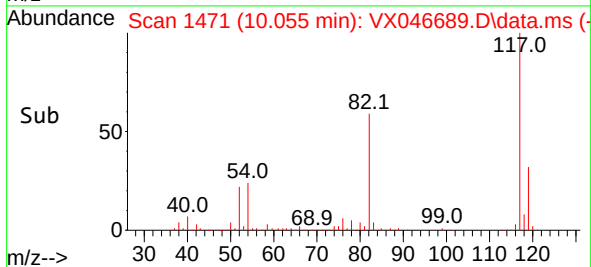
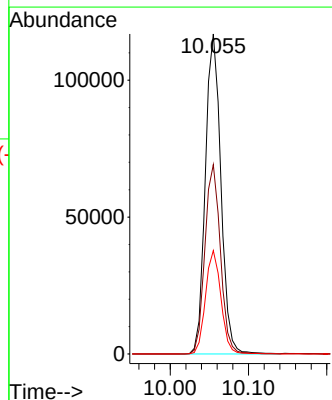
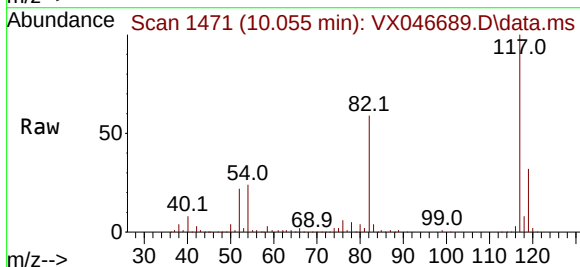
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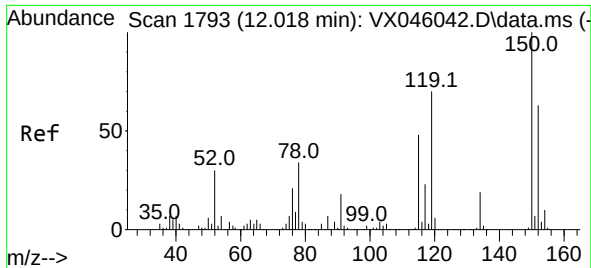
Tgt Ion: 95 Resp: 84485
Ion Ratio Lower Upper
95 100
174 69.8 0.0 135.8
176 66.5 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX046689.D
Acq: 13 Jun 2025 15:14

Tgt Ion: 117 Resp: 160751
Ion Ratio Lower Upper
117 100
82 59.2 50.6 76.0
119 32.3 25.8 38.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX046689.D
 Acq: 13 Jun 2025 15:14

Instrument :
 MSVOA_X
 ClientSampleId :
 TP01-MH1-WC

Tgt Ion:152 Resp: 78630
 Ion Ratio Lower Upper
 152 100
 115 64.4 46.9 140.7
 150 157.6 0.0 351.0

