

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
 Data File : VX046772.D
 Acq On : 19 Jun 2025 16:06
 Operator : JC/MD
 Sample : Q2372-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GAV2W

Quant Time: Jun 20 05:21:50 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)

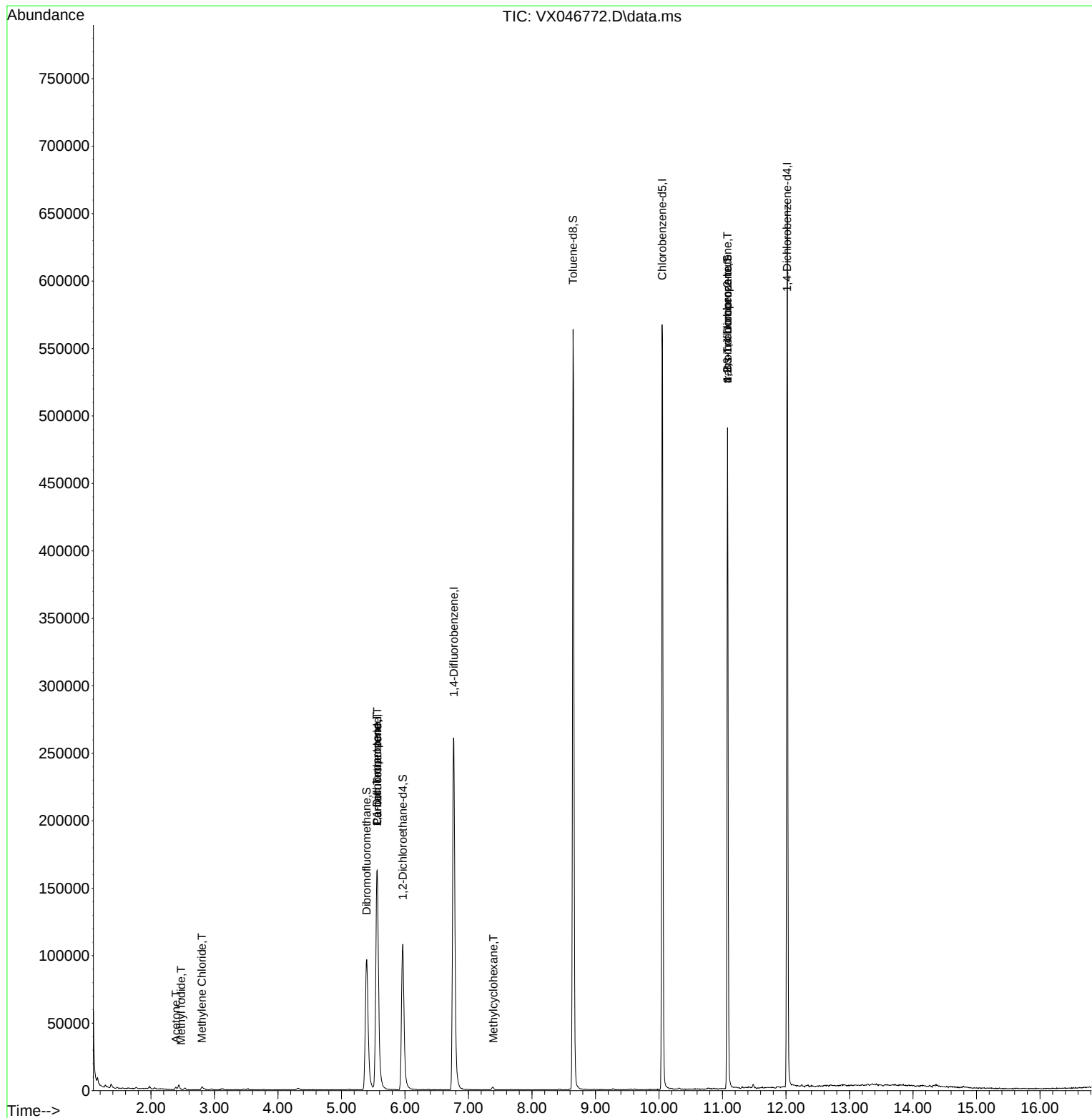
Internal Standards						
1) Pentafluorobenzene	5.562	168	168816	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	291352	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	260859	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	131317	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	113764	48.721	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.440%
35) Dibromofluoromethane	5.397	113	93762	48.640	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.280%
50) Toluene-d8	8.647	98	344634	49.762	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.520%
62) 4-Bromofluorobenzene	11.079	95	132598	51.362	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	102.720%
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.477	142	267	4.434	ug/l #	47
16) Acetone	2.392	43	2557	3.284	ug/l #	85
20) Methylene Chloride	2.800	84	983	0.454	ug/l	93
36) 1,1-Dichloropropene	5.556	75	13835	4.972	ug/l #	50
38) Carbon Tetrachloride	5.562	117	16920	5.603	ug/l #	17
39) Methylcyclohexane	7.391	83	1003	0.274	ug/l #	85
76) 1,2,3-Trichloropropane	11.079	75	65670	27.304	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	65670	77.178	ug/l #	7

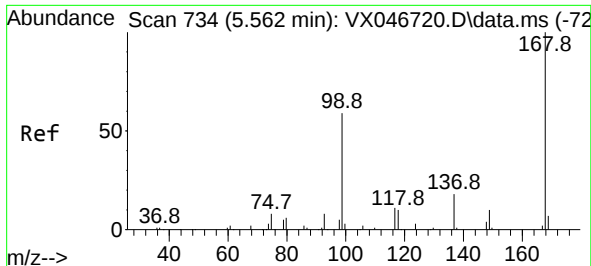
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046772.D
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Sample : Q2372-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GAV2W

Quant Time: Jun 20 05:21:50 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

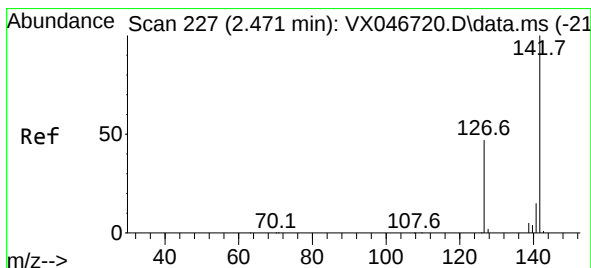
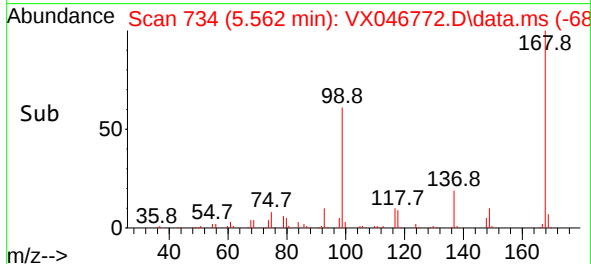
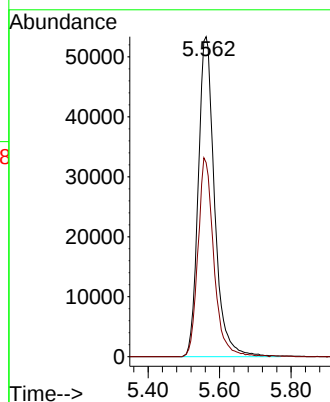
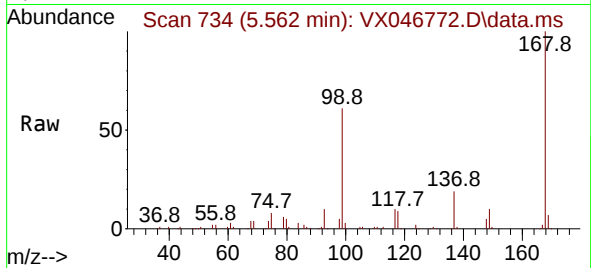




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX046772.D
Acq: 19 Jun 2025 16:06

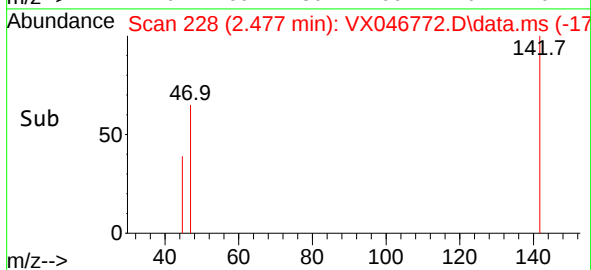
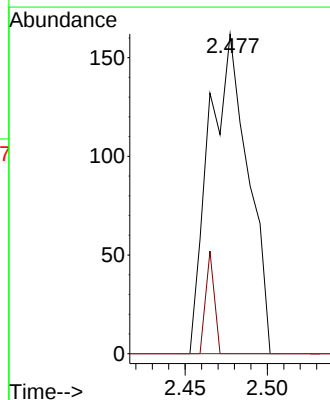
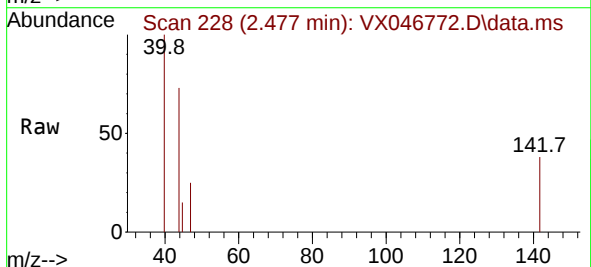
Instrument :
MSVOA_X
ClientSampleId :
GAV2W

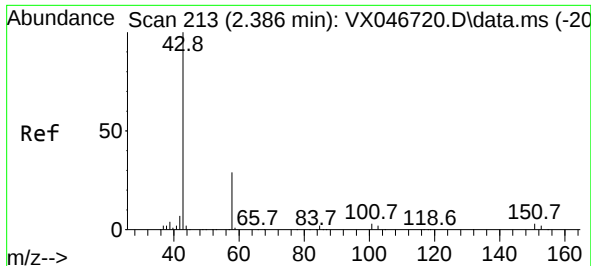
Tgt Ion:168 Resp: 168816
Ion Ratio Lower Upper
168 100
99 60.7 48.5 72.7



#10
Methyl Iodide
Concen: 4.434 ug/l
RT: 2.477 min Scan# 228
Delta R.T. 0.006 min
Lab File: VX046772.D
Acq: 19 Jun 2025 16:06

Tgt Ion:142 Resp: 267
Ion Ratio Lower Upper
142 100
127 7.1 37.0 55.6#
141 0.0 11.5 17.3#

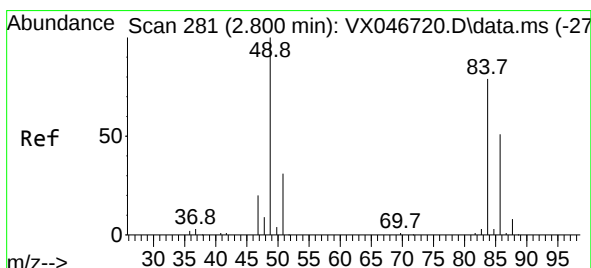
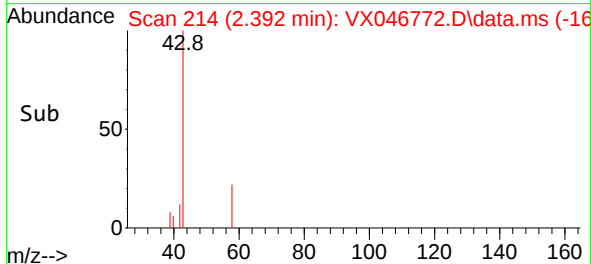
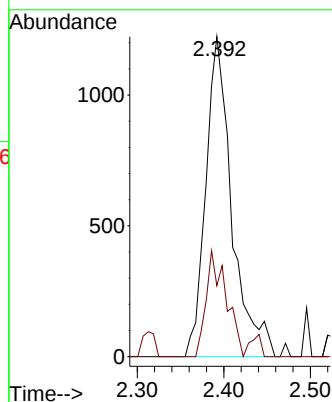
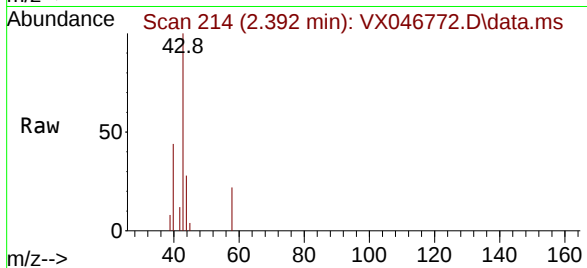




#16
Acetone
Concen: 3.284 ug/l
RT: 2.392 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX046772.D
Acq: 19 Jun 2025 16:06

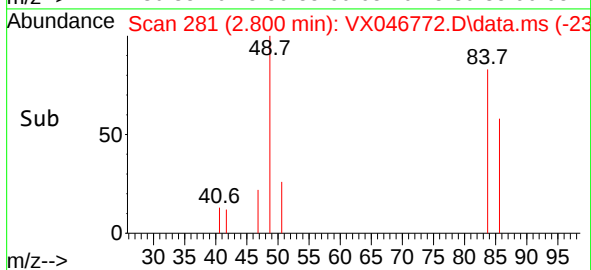
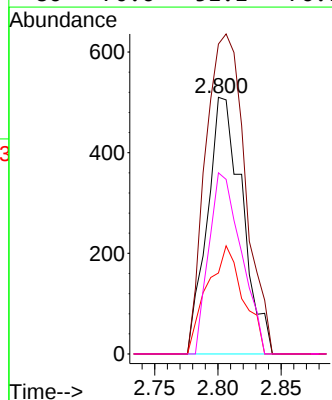
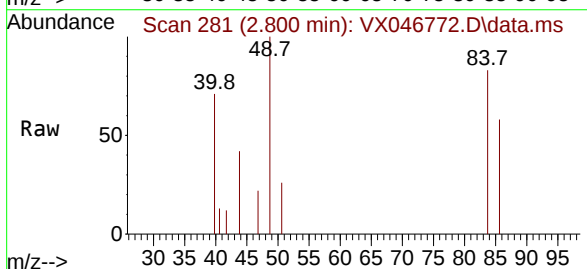
Instrument :
MSVOA_X
ClientSampleId :
GAV2W

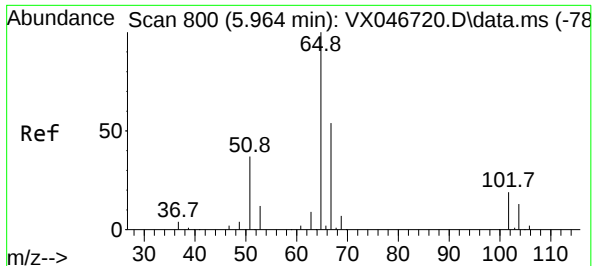
Tgt Ion: 43 Resp: 2557
Ion Ratio Lower Upper
43 100
58 22.2 24.5 36.7#



#20
Methylene Chloride
Concen: 0.454 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.000 min
Lab File: VX046772.D
Acq: 19 Jun 2025 16:06

Tgt Ion: 84 Resp: 983
Ion Ratio Lower Upper
84 100
49 120.8 101.3 151.9
51 31.6 31.0 46.6
86 70.6 51.1 76.7





#33

1,2-Dichloroethane-d4

Concen: 48.721 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX046772.D

Acq: 19 Jun 2025 16:06

Instrument :

MSVOA_X

ClientSampleId :

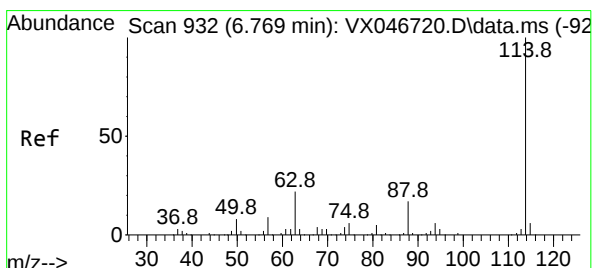
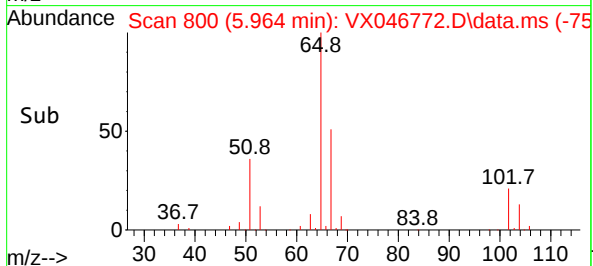
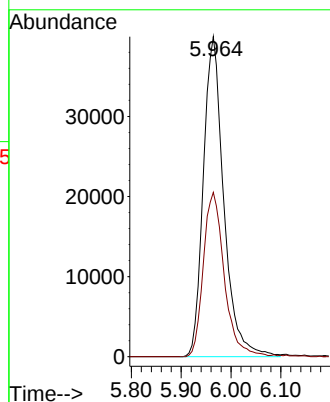
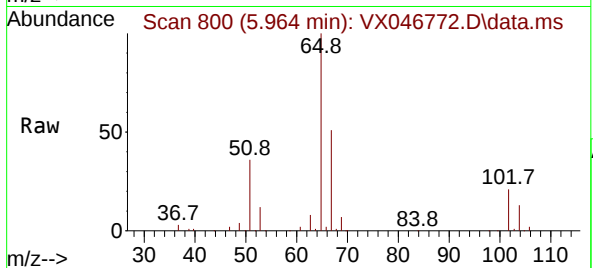
GAV2W

Tgt Ion: 65 Resp: 113764

Ion Ratio Lower Upper

65 100

67 52.5 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX046772.D

Acq: 19 Jun 2025 16:06

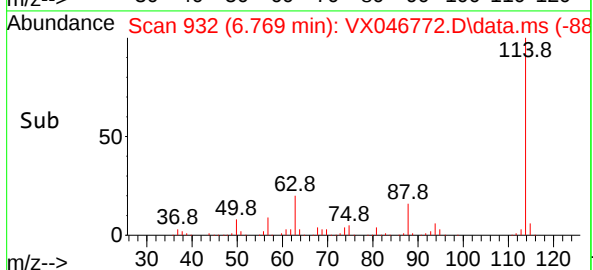
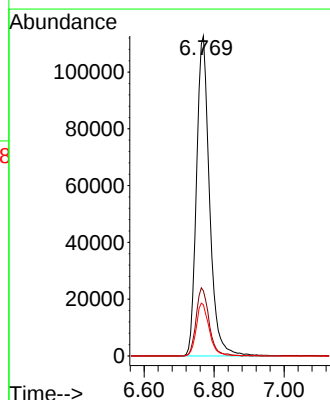
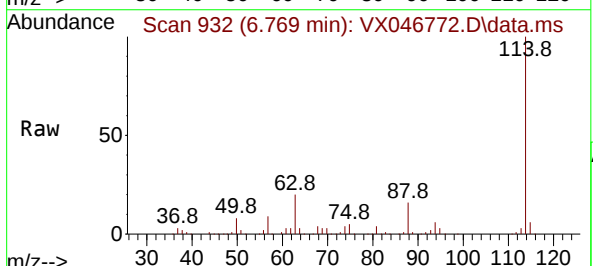
Tgt Ion: 114 Resp: 291352

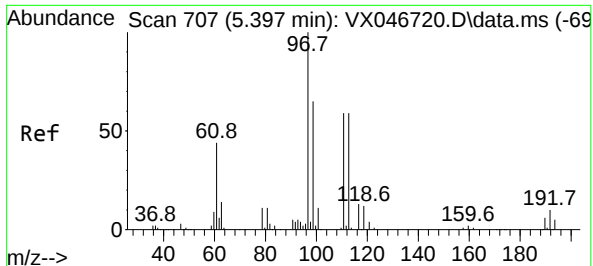
Ion Ratio Lower Upper

114 100

63 20.3 0.0 44.2

88 16.0 0.0 33.2

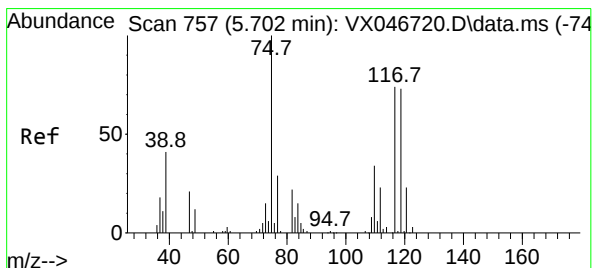
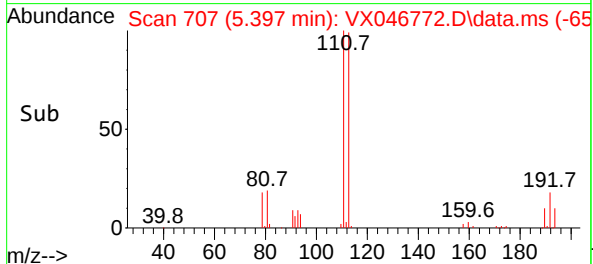
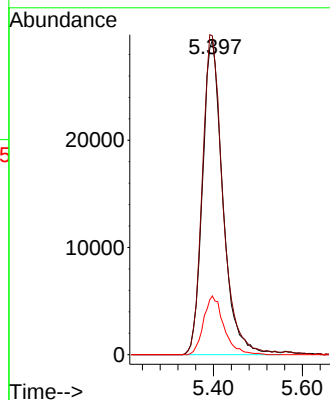
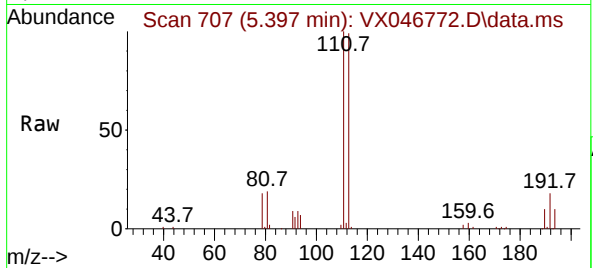




#35
Dibromofluoromethane
Concen: 48.640 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX046772.D
Acq: 19 Jun 2025 16:06

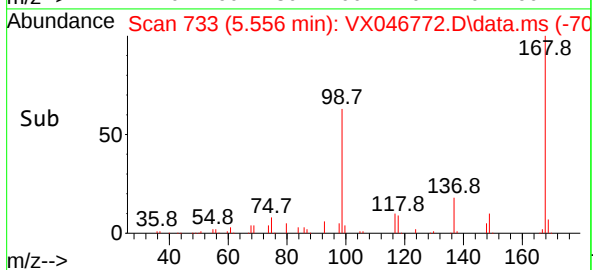
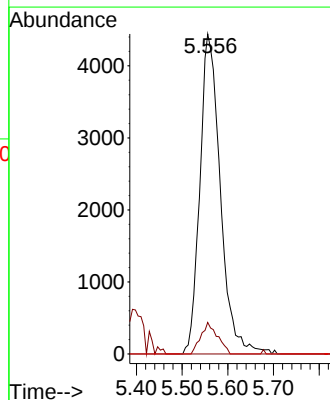
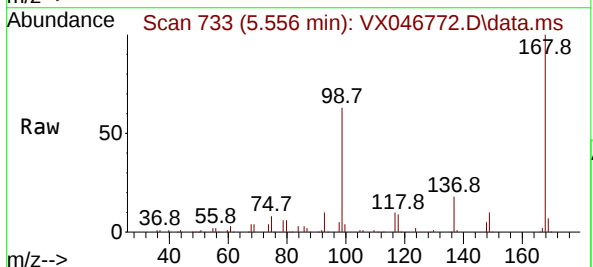
Instrument :
MSVOA_X
ClientSampleId :
GAV2W

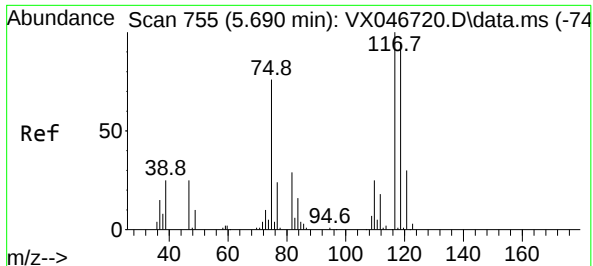
Tgt Ion:113 Resp: 93762
Ion Ratio Lower Upper
113 100
111 102.0 82.0 123.0
192 18.6 15.3 22.9



#36
1,1-Dichloropropene
Concen: 4.972 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX046772.D
Acq: 19 Jun 2025 16:06

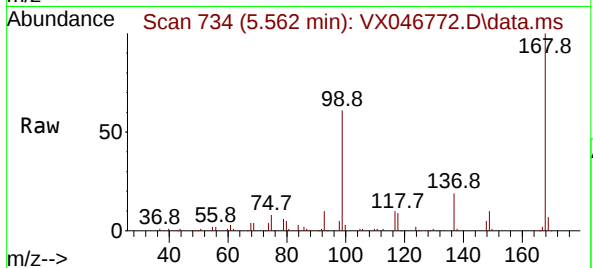
Tgt Ion: 75 Resp: 13835
Ion Ratio Lower Upper
75 100
110 8.0 17.2 51.5#
77 0.0 24.2 36.4#



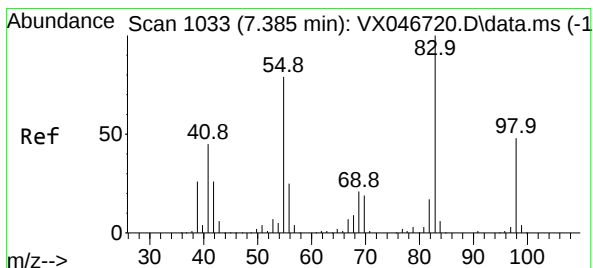
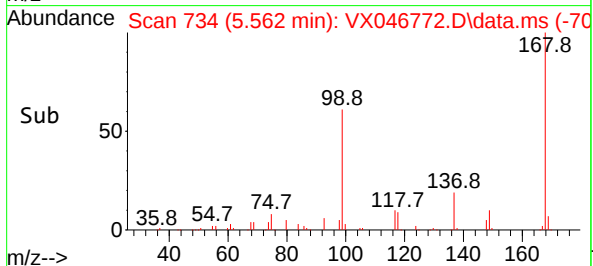
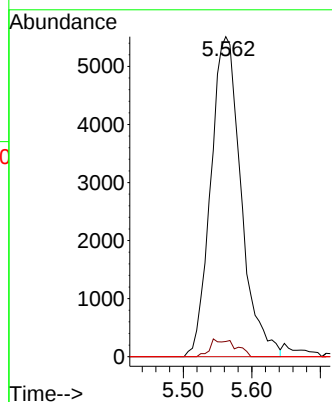


#38
Carbon Tetrachloride
Concen: 5.603 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX046772.D
Acq: 19 Jun 2025 16:06

Instrument :
MSVOA_X
ClientSampleId :
GAV2W

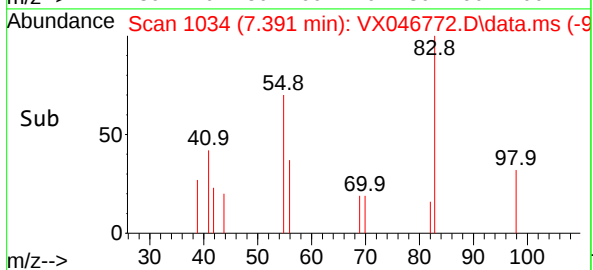
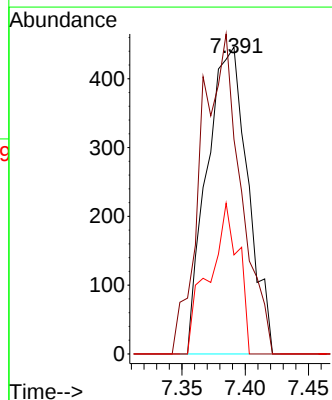
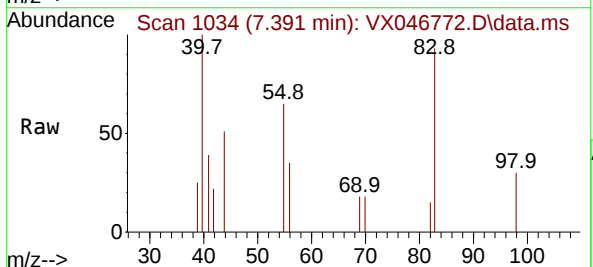


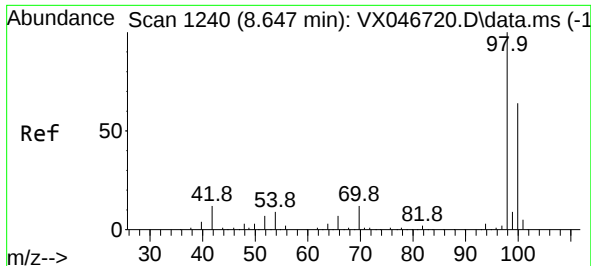
Tgt Ion:117 Resp: 16920
Ion Ratio Lower Upper
117 100
119 4.8 75.2 112.8#
121 0.0 24.1 36.1#



#39
Methylcyclohexane
Concen: 0.274 ug/l
RT: 7.391 min Scan# 1034
Delta R.T. 0.006 min
Lab File: VX046772.D
Acq: 19 Jun 2025 16:06

Tgt Ion: 83 Resp: 1003
Ion Ratio Lower Upper
83 100
55 70.0 63.0 94.4
98 32.3 38.8 58.2#

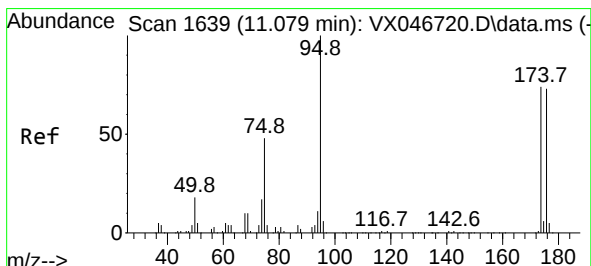
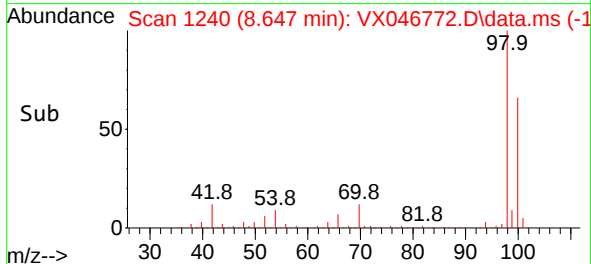
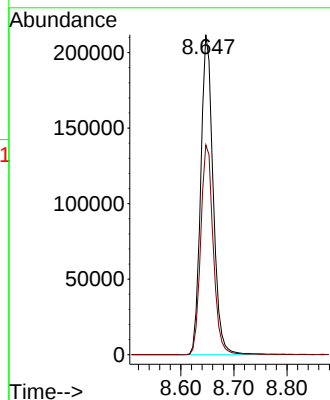
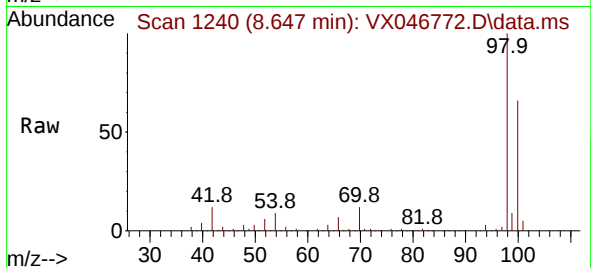




#50
Toluene-d8
Concen: 49.762 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046772.D
Acq: 19 Jun 2025 16:06

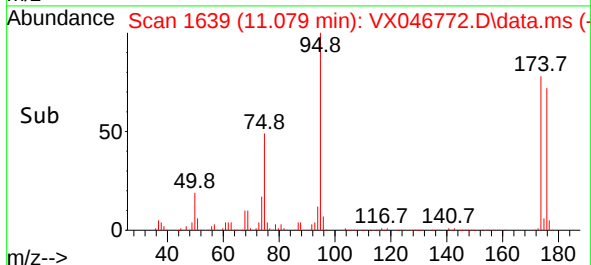
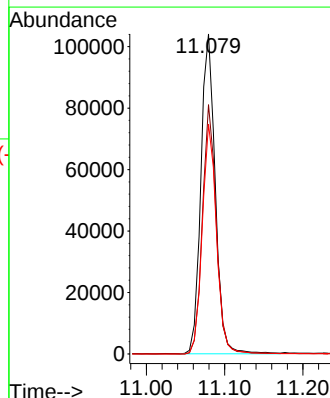
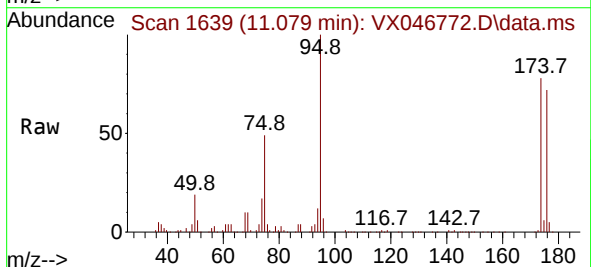
Instrument :
MSVOA_X
ClientSampleId :
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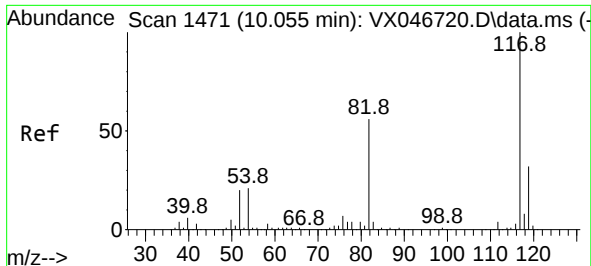
Tgt Ion: 98 Resp: 344634
Ion Ratio Lower Upper
98 100
100 66.4 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 51.362 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046772.D
Acq: 19 Jun 2025 16:06

Tgt Ion: 95 Resp: 132598
Ion Ratio Lower Upper
95 100
174 75.4 0.0 150.4
176 71.3 0.0 145.0

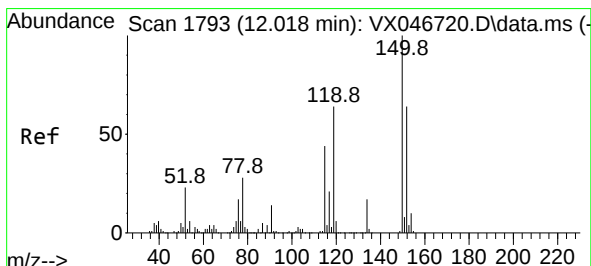
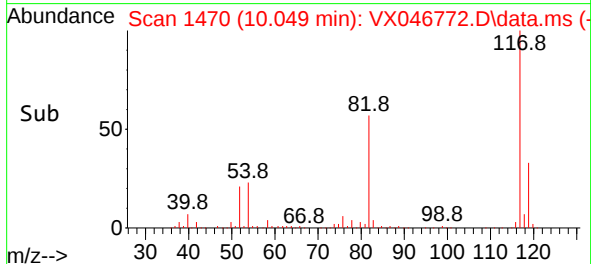
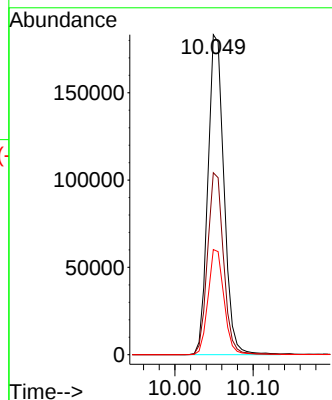
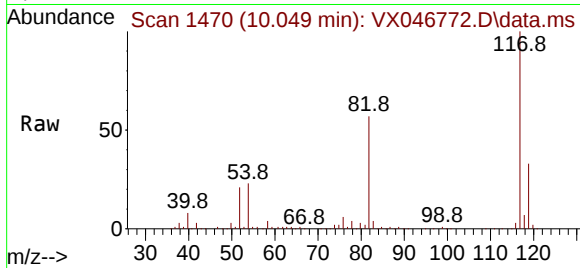




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX046772.D
Acq: 19 Jun 2025 16:06

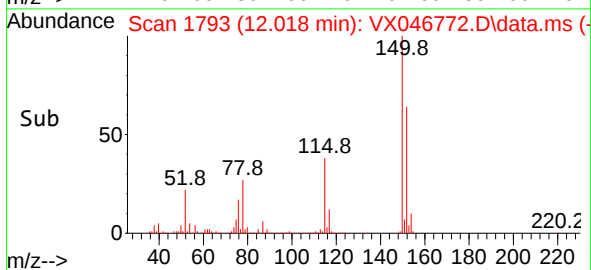
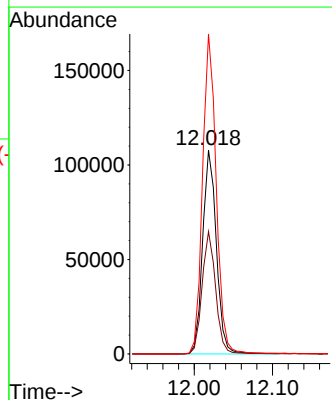
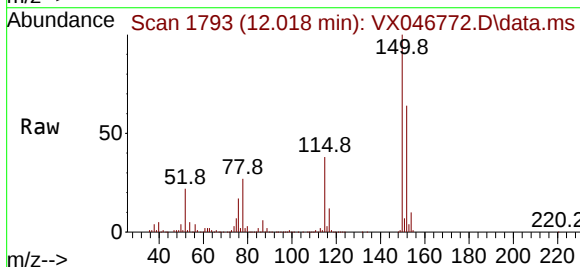
Instrument :
MSVOA_X
ClientSampleId :
GAV2W

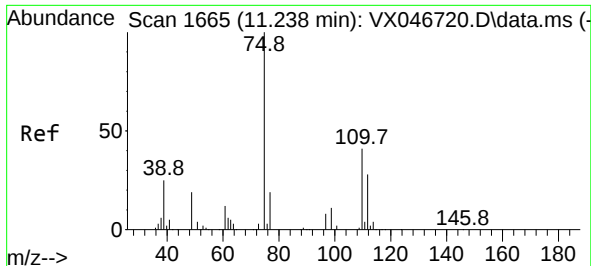
Tgt Ion:117 Resp: 260859
Ion Ratio Lower Upper
117 100
82 56.8 44.6 66.8
119 32.8 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX046772.D
Acq: 19 Jun 2025 16:06

Tgt Ion:152 Resp: 131317
Ion Ratio Lower Upper
152 100
115 59.5 43.2 129.6
150 156.6 0.0 346.8

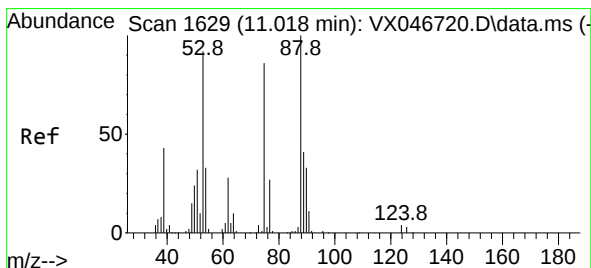
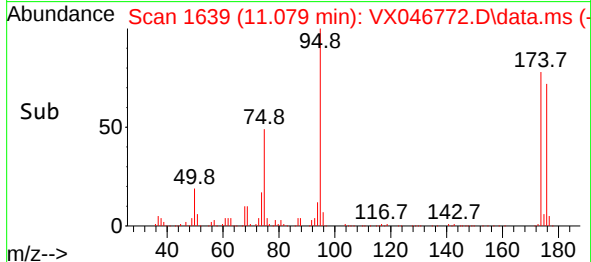
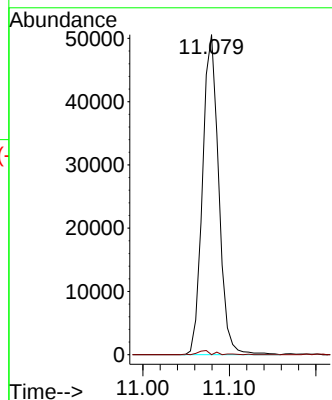
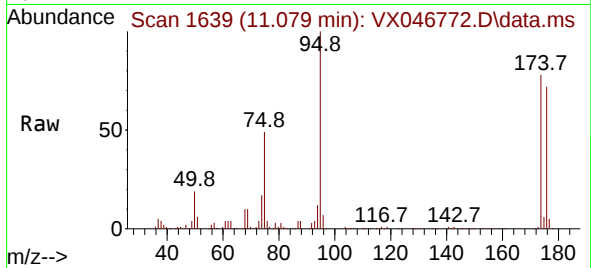




#76
1,2,3-Trichloropropane
Concen: 27.304 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX046772.D
Acq: 19 Jun 2025 16:06

Instrument :
MSVOA_X
ClientSampleId :
GAV2W

Tgt Ion: 75 Resp: 65670
Ion Ratio Lower Upper
75 100
77 1.2 18.5 55.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.178 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX046772.D
Acq: 19 Jun 2025 16:06

Tgt Ion: 75 Resp: 65670
Ion Ratio Lower Upper
75 100
53 0.0 86.8 130.2#
89 0.0 36.9 55.3#

