

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061825\
 Data File : VX046749.D
 Acq On : 18 Jun 2025 17:34
 Operator : JC/MD
 Sample : Q2344-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1

Quant Time: Jun 19 01:27:53 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)

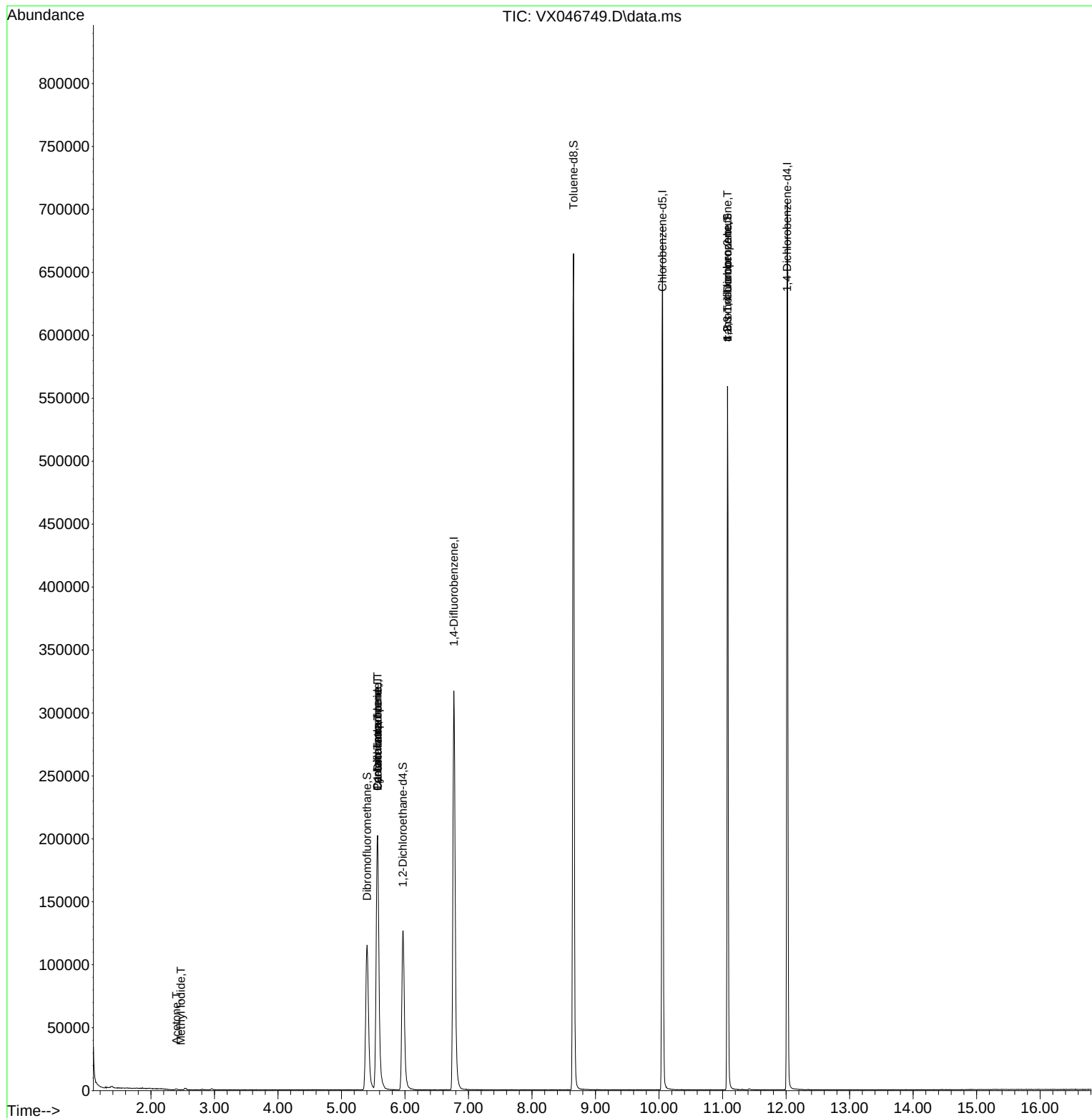
Internal Standards						
1) Pentafluorobenzene	5.568	168	206985	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	342093	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	301676	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	143592	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	134324	46.918	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.840%
35) Dibromofluoromethane	5.403	113	110764	48.937	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.880%
50) Toluene-d8	8.653	98	402759	49.529	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.060%
62) 4-Bromofluorobenzene	11.079	95	145810	48.102	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	96.200%
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.471	142	72	4.356	ug/l #	38
16) Acetone	2.398	43	997	1.044	ug/l	97
31) Cyclohexane	5.568	56	4426	1.032	ug/l #	1
36) 1,1-Dichloropropene	5.568	75	16592	5.078	ug/l #	51
38) Carbon Tetrachloride	5.568	117	21350	6.021	ug/l #	17
76) 1,2,3-Trichloropropane	11.079	75	76400	29.050	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	76400	82.113	ug/l #	7

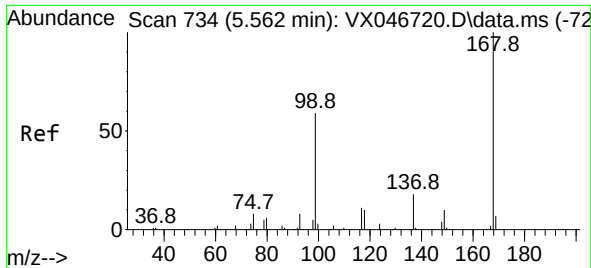
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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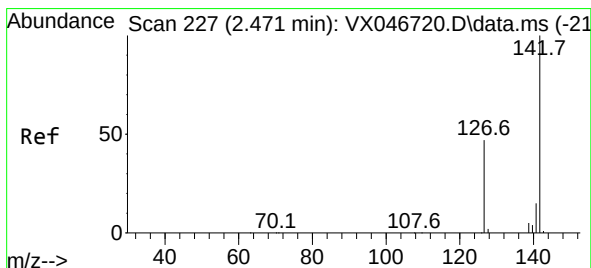
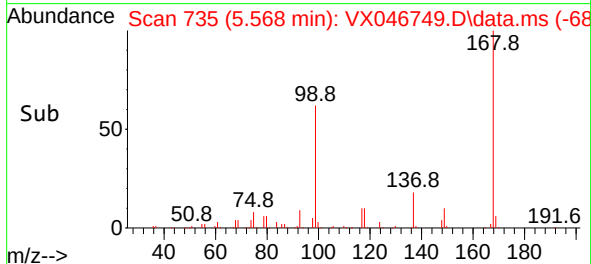
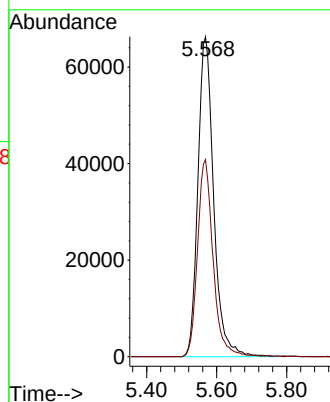
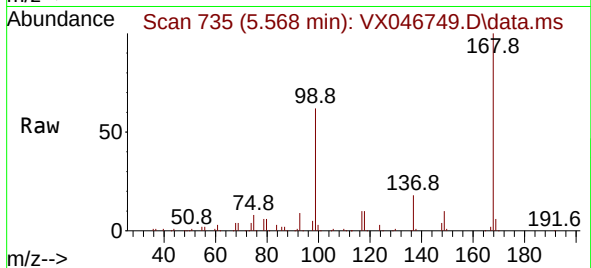




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046749.D
Acq: 18 Jun 2025 17:34

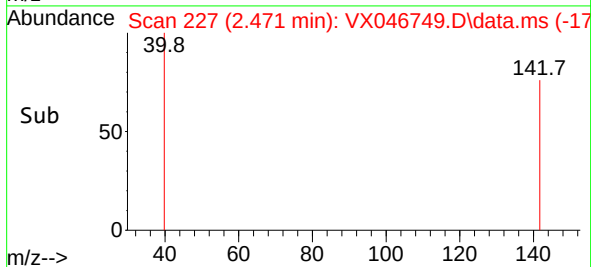
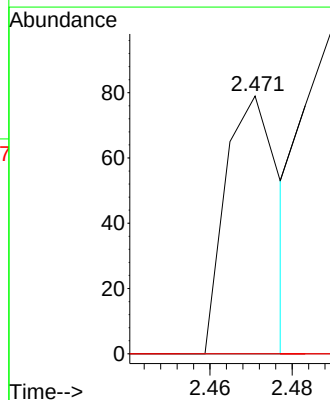
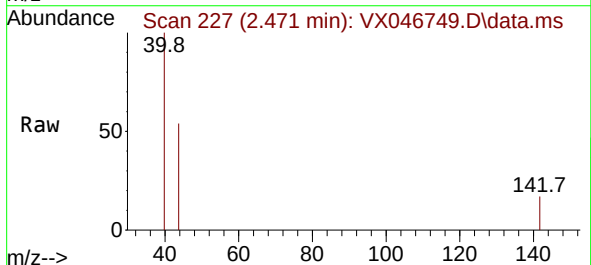
Instrument :
MSVOA_X
ClientSampleId :
MW-1

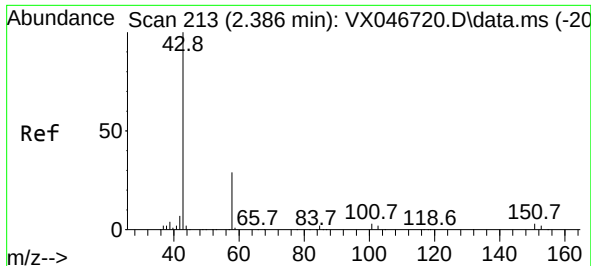
Tgt Ion:168 Resp: 206985
Ion Ratio Lower Upper
168 100
99 61.6 48.5 72.7



#10
Methyl Iodide
Concen: 4.356 ug/l
RT: 2.471 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX046749.D
Acq: 18 Jun 2025 17:34

Tgt Ion:142 Resp: 72
Ion Ratio Lower Upper
142 100
127 0.0 37.0 55.6#
141 0.0 11.5 17.3#

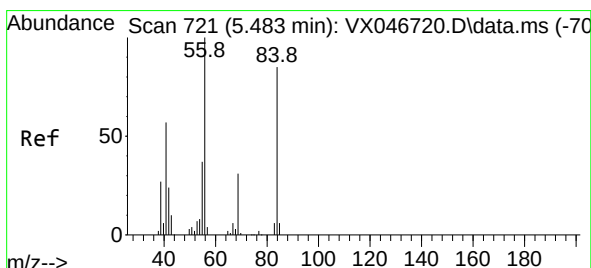
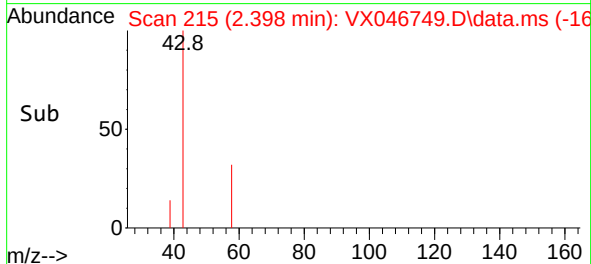
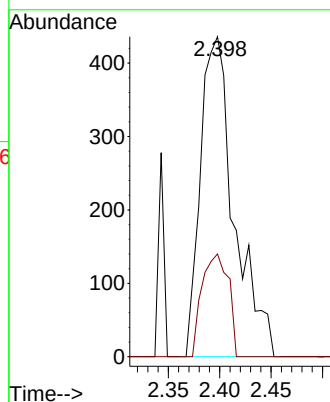
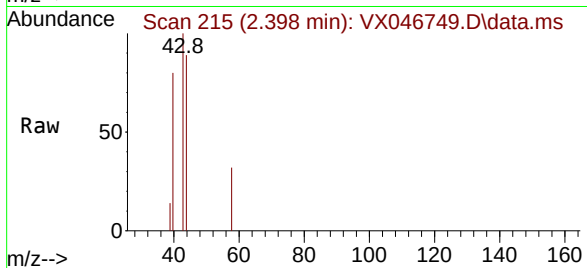




#16
Acetone
Concen: 1.044 ug/l
RT: 2.398 min Scan# 213
Delta R.T. 0.012 min
Lab File: VX046749.D
Acq: 18 Jun 2025 17:34

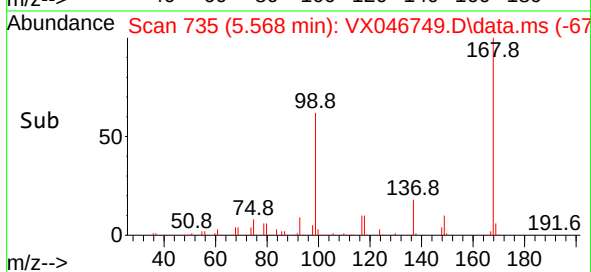
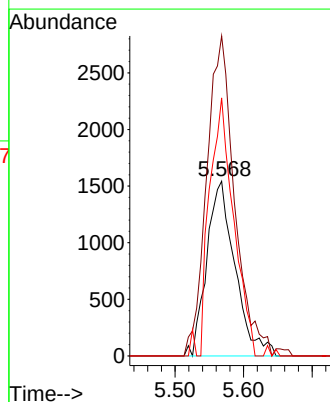
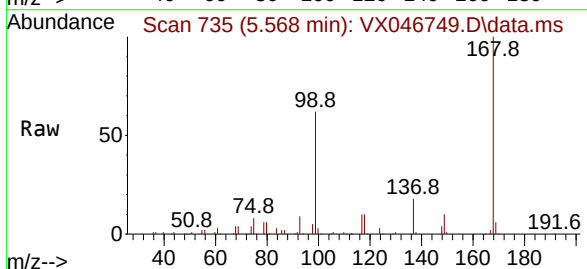
Instrument :
MSVOA_X
ClientSampleId :
MW-1

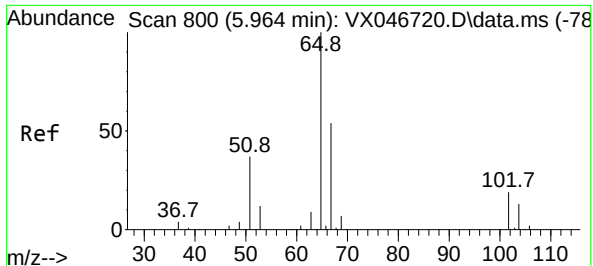
Tgt Ion: 43 Resp: 997
Ion Ratio Lower Upper
43 100
58 32.1 24.5 36.7



#31
Cyclohexane
Concen: 1.032 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.085 min
Lab File: VX046749.D
Acq: 18 Jun 2025 17:34

Tgt Ion: 56 Resp: 4426
Ion Ratio Lower Upper
56 100
69 183.1 24.8 37.2#
84 147.7 68.2 102.2#





#33

1,2-Dichloroethane-d4

Concen: 46.918 ug/l

RT: 5.964 min Scan# 800

Delta R.T. -0.000 min

Lab File: VX046749.D

Acq: 18 Jun 2025 17:34

Instrument :

MSVOA_X

ClientSampleId :

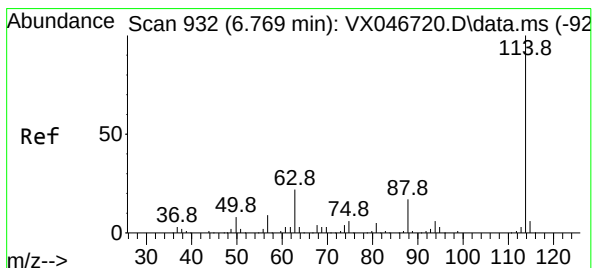
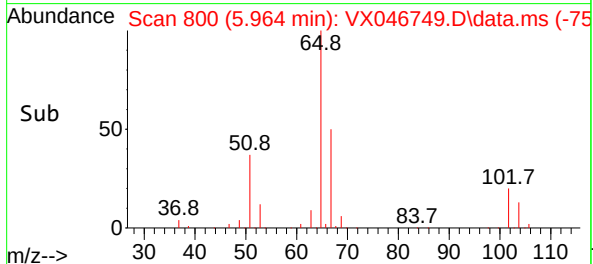
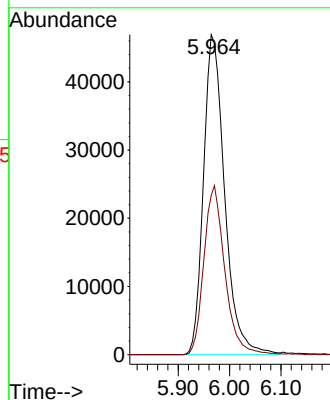
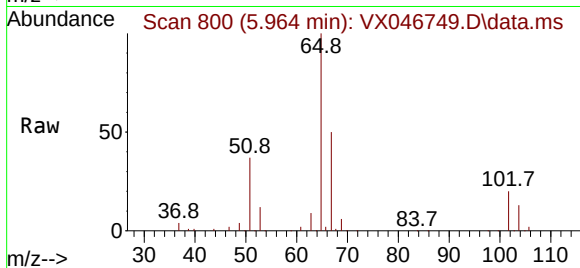
MW-1

Tgt Ion: 65 Resp: 134324

Ion Ratio Lower Upper

65 100

67 52.2 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: VX046749.D

Acq: 18 Jun 2025 17:34

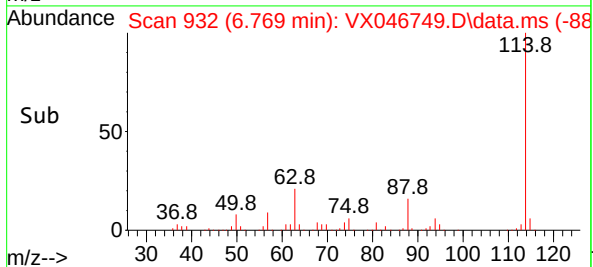
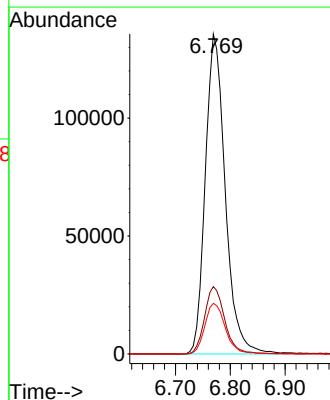
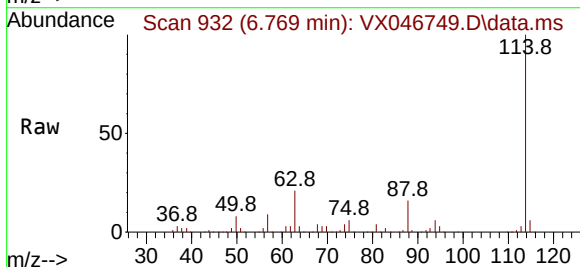
Tgt Ion: 114 Resp: 342093

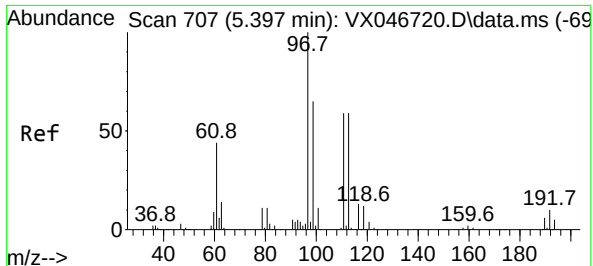
Ion Ratio Lower Upper

114 100

63 21.0 0.0 44.2

88 15.8 0.0 33.2

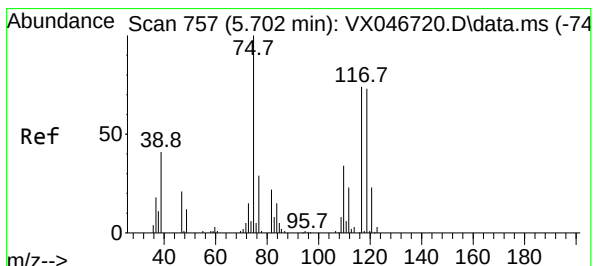
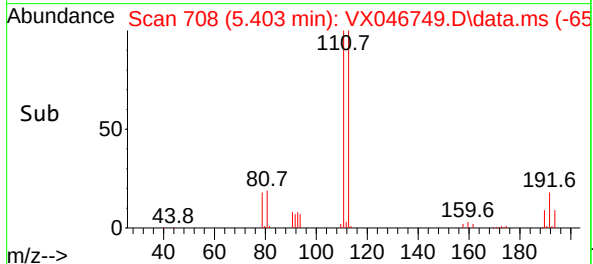
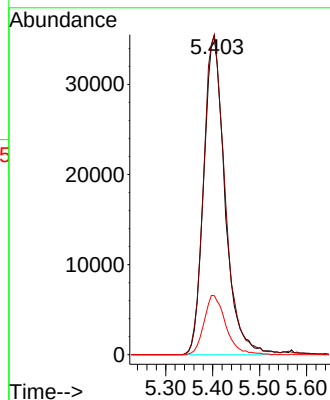
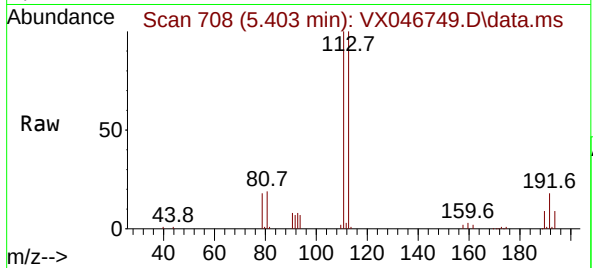




#35
Dibromofluoromethane
Concen: 48.937 ug/l
RT: 5.403 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX046749.D
Acq: 18 Jun 2025 17:34

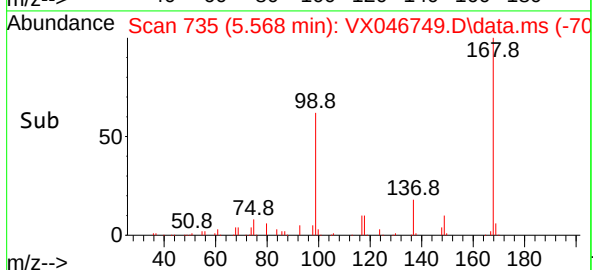
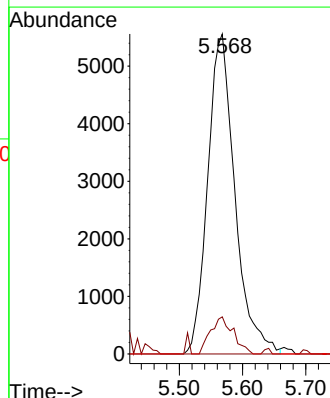
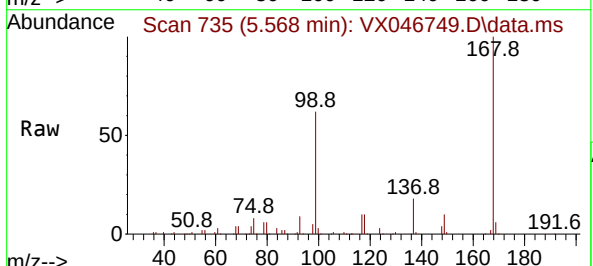
Instrument :
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ClientSampleId :
MW-1

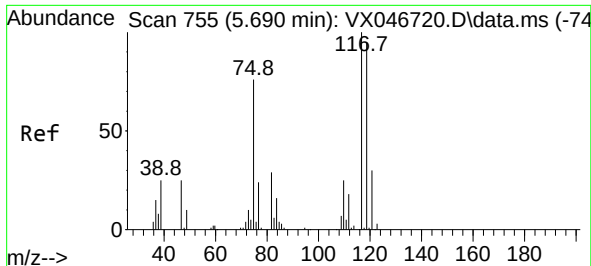
Tgt Ion:113 Resp: 110764
Ion Ratio Lower Upper
113 100
111 102.2 82.0 123.0
192 19.1 15.3 22.9



#36
1,1-Dichloropropene
Concen: 5.078 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.134 min
Lab File: VX046749.D
Acq: 18 Jun 2025 17:34

Tgt Ion: 75 Resp: 16592
Ion Ratio Lower Upper
75 100
110 9.7 17.2 51.5#
77 0.0 24.2 36.4#

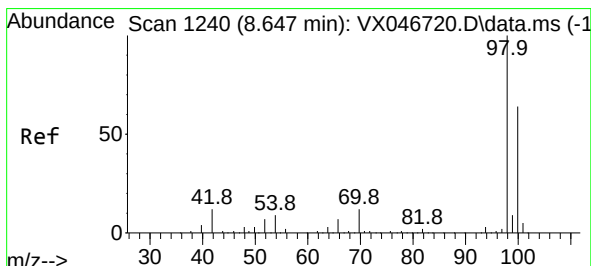
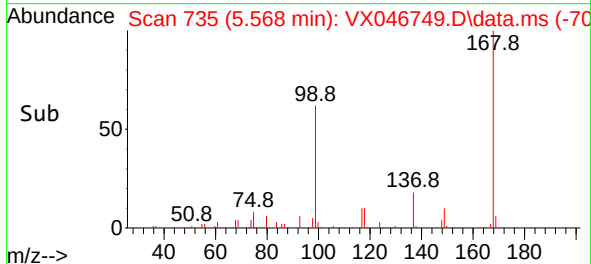
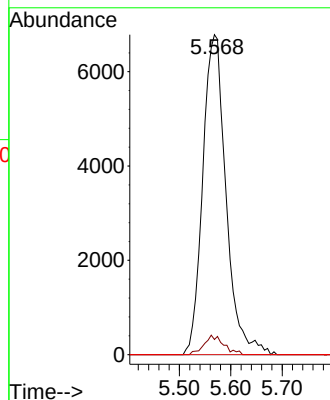
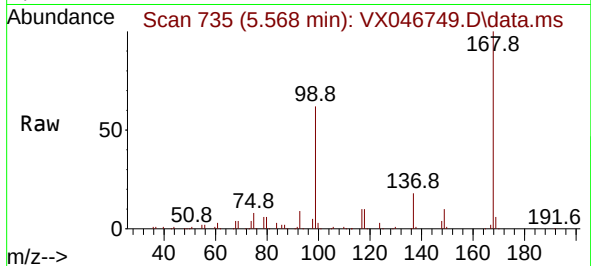




#38
Carbon Tetrachloride
Concen: 6.021 ug/l
RT: 5.568 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX046749.D
Acq: 18 Jun 2025 17:34

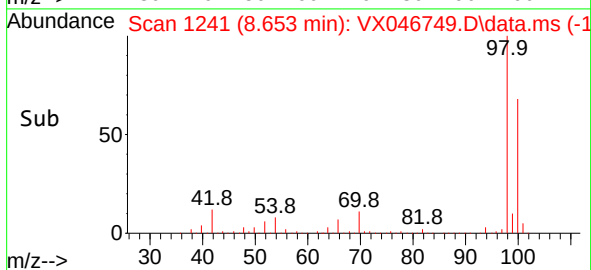
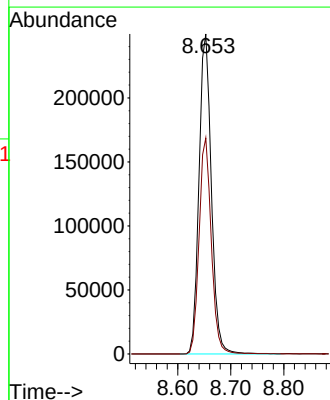
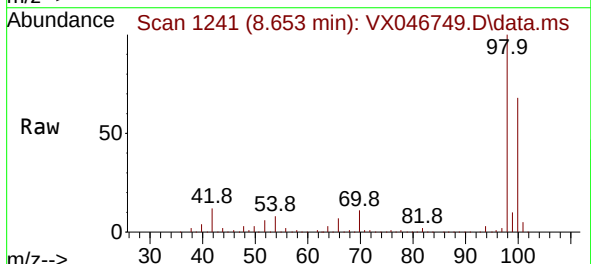
Instrument :
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ClientSampleId :
MW-1

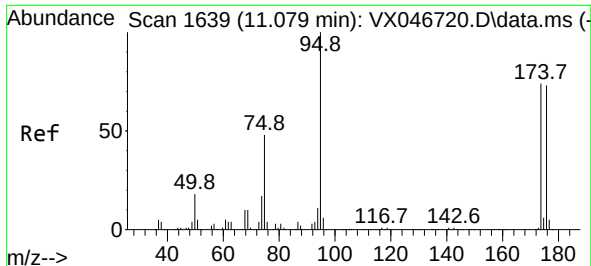
Tgt Ion:117 Resp: 21350
Ion Ratio Lower Upper
117 100
119 4.7 75.2 112.8#
121 0.0 24.1 36.1#



#50
Toluene-d8
Concen: 49.529 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX046749.D
Acq: 18 Jun 2025 17:34

Tgt Ion: 98 Resp: 402759
Ion Ratio Lower Upper
98 100
100 66.8 53.0 79.4

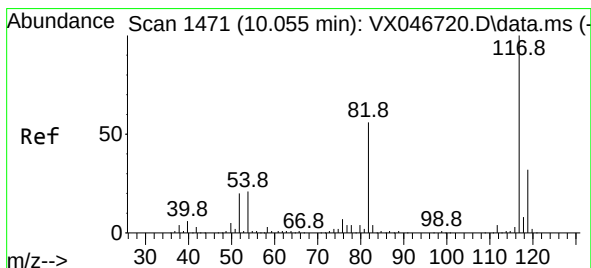
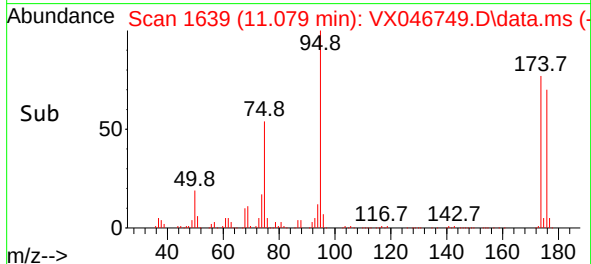
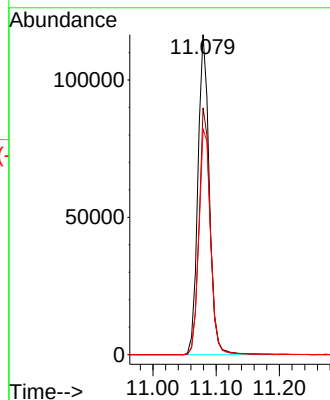
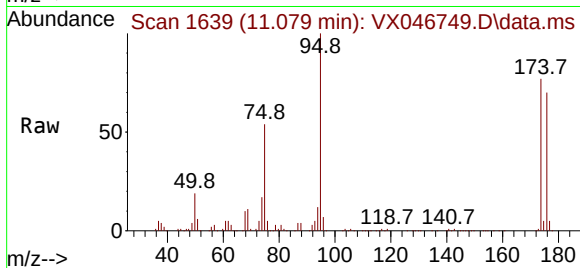




#62
4-Bromofluorobenzene
Concen: 48.102 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046749.D
Acq: 18 Jun 2025 17:34

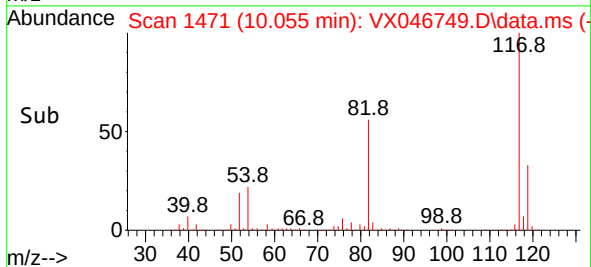
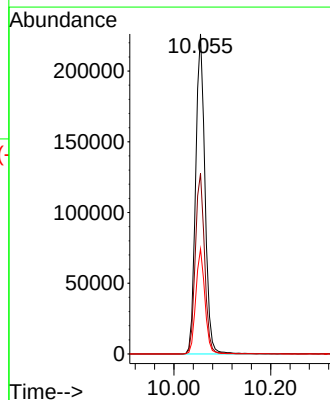
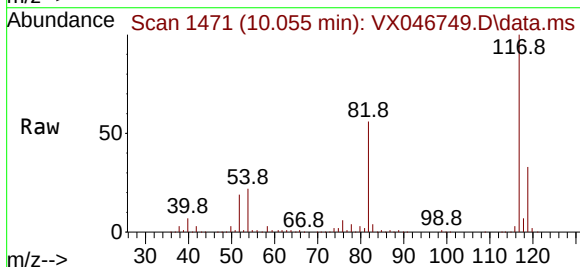
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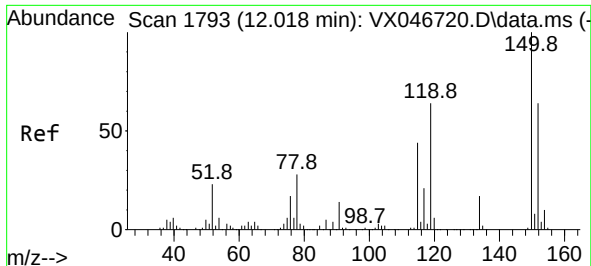
Tgt Ion: 95 Resp: 145810
Ion Ratio Lower Upper
95 100
174 76.6 0.0 150.4
176 72.9 0.0 145.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046749.D
Acq: 18 Jun 2025 17:34

Tgt Ion: 117 Resp: 301676
Ion Ratio Lower Upper
117 100
82 56.4 44.6 66.8
119 32.8 25.8 38.8

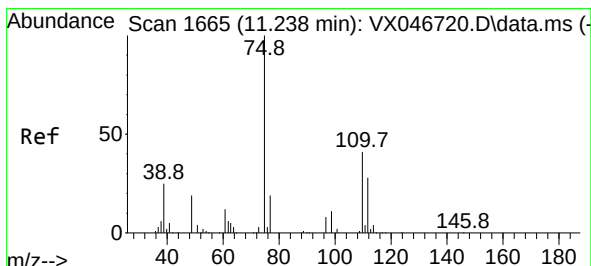
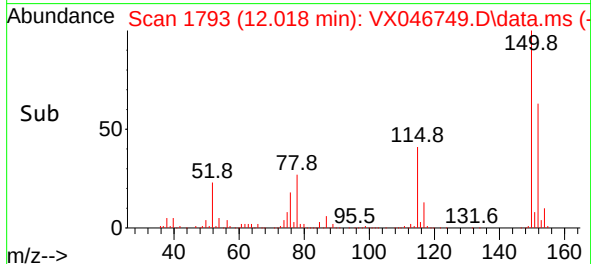
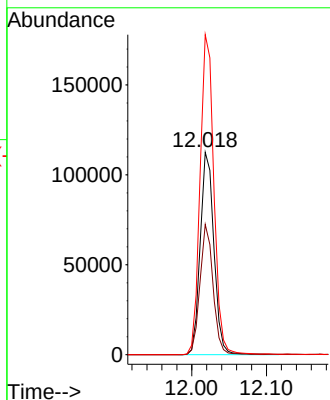
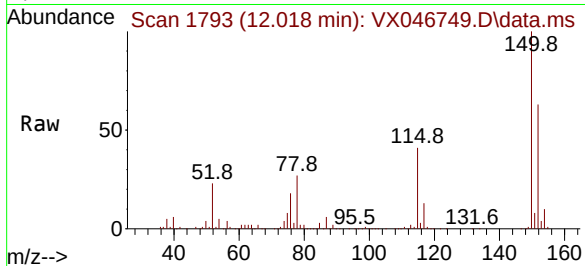




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VX046749.D
 Acq: 18 Jun 2025 17:34

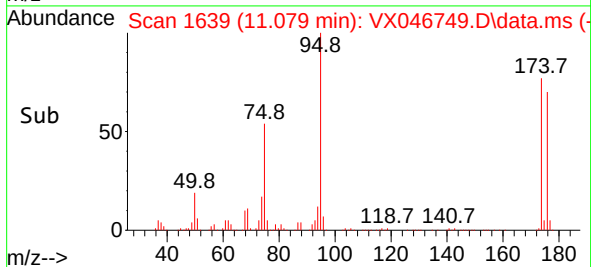
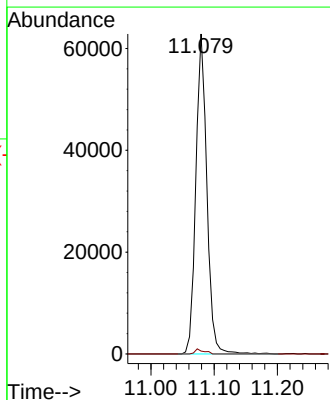
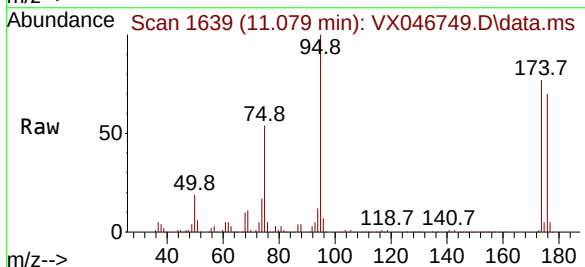
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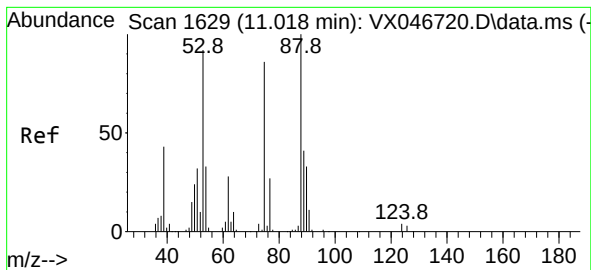
Tgt Ion:152 Resp: 143592
 Ion Ratio Lower Upper
 152 100
 115 61.6 43.2 129.6
 150 159.2 0.0 346.8



#76
 1,2,3-Trichloropropane
 Concen: 29.050 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX046749.D
 Acq: 18 Jun 2025 17:34

Tgt Ion: 75 Resp: 76400
 Ion Ratio Lower Upper
 75 100
 77 1.3 18.5 55.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 82.113 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX046749.D
 Acq: 18 Jun 2025 17:34

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1

Tgt Ion: 75 Resp: 76400
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.8 130.2#
 89 0.0 36.9 55.3#

