

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
 Data File : VX046774.D
 Acq On : 19 Jun 2025 16:49
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Jun 20 05:22:32 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)

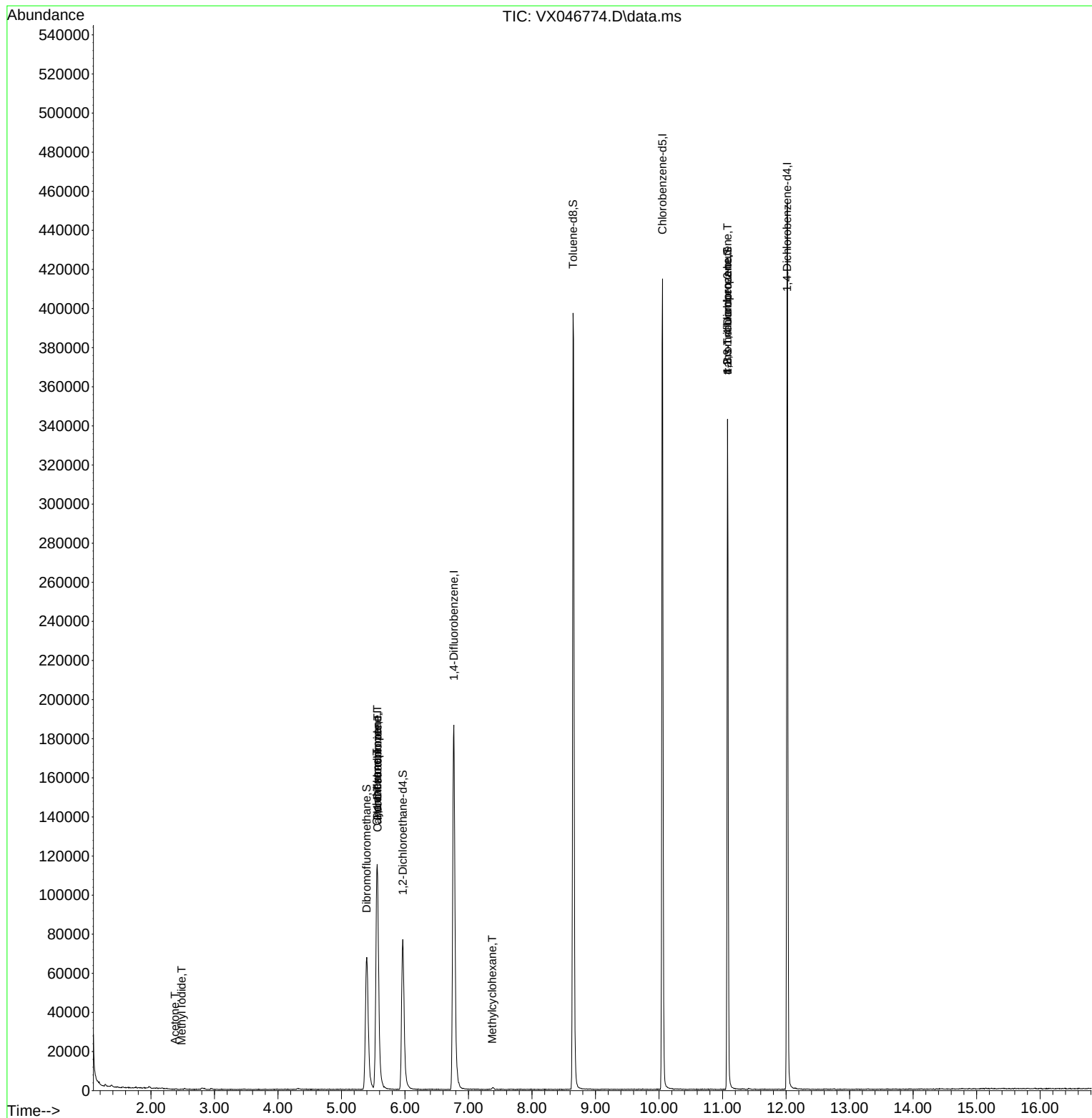
Internal Standards						
1) Pentafluorobenzene	5.562	168	122033	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	207196	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	186888	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	93897	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	80273	47.557	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.120%		
35) Dibromofluoromethane	5.397	113	66853	48.767	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.540%		
50) Toluene-d8	8.647	98	245480	49.841	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.680%		
62) 4-Bromofluorobenzene	11.079	95	92337	50.294	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	100.580%		
Target Compounds						Qvalue
10) Methyl Iodide	2.483	142	20	4.344	ug/l #	38
16) Acetone	2.380	43	346	0.615	ug/l #	44
31) Cyclohexane	5.556	56	2668	1.056	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	9902	5.004	ug/l #	51
38) Carbon Tetrachloride	5.568	117	12511	5.826	ug/l #	17
39) Methylcyclohexane	7.373	83	624	0.240	ug/l #	56
76) 1,2,3-Trichloropropane	11.079	75	47327	27.520	ug/l #	41
81) trans-1,4-Dichloro-2-b...	11.079	75	47327	77.787	ug/l #	7

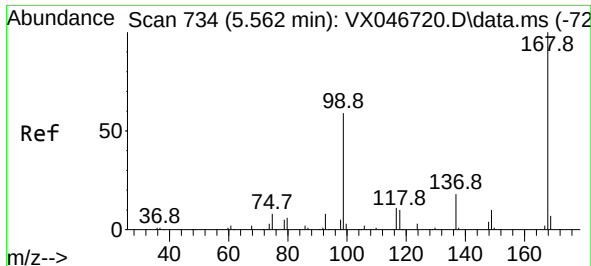
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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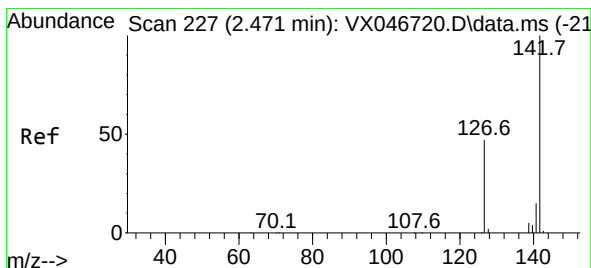
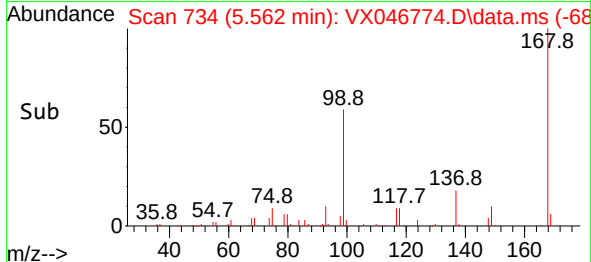
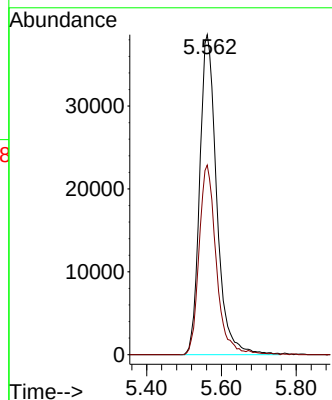
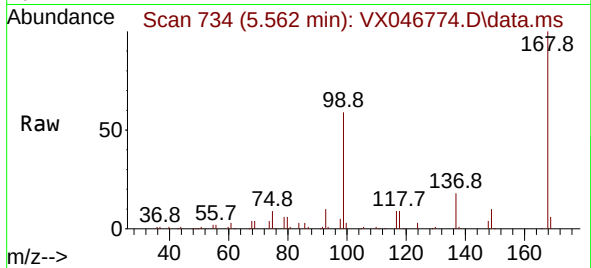




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046774.D
Acq: 19 Jun 2025 16:49

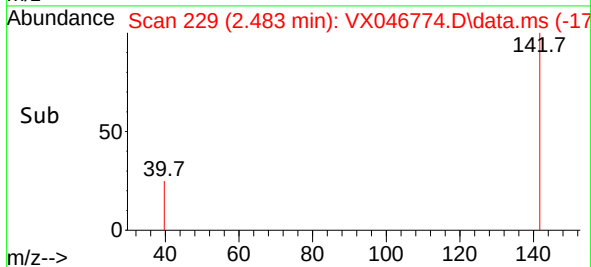
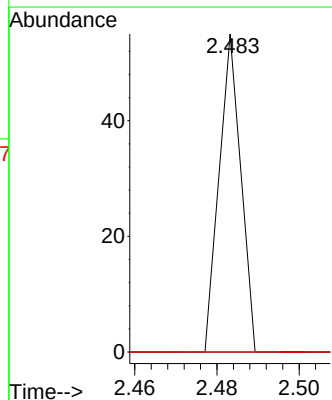
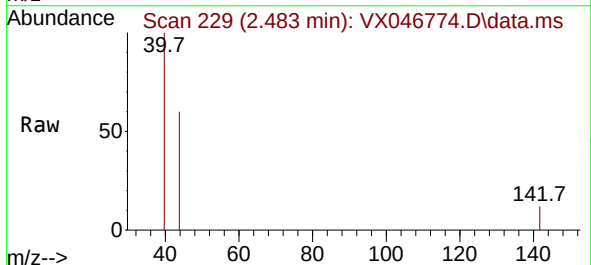
Instrument :
MSVOA_X
ClientSampleId :
IBLK

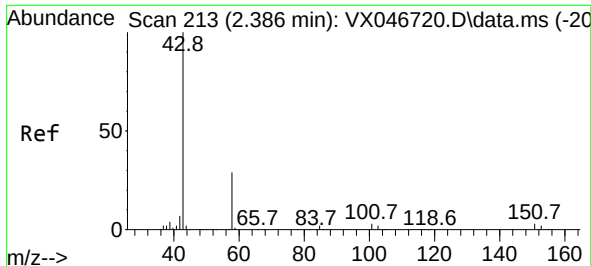
Tgt Ion:168 Resp: 122033
Ion Ratio Lower Upper
168 100
99 59.2 48.5 72.7



#10
Methyl Iodide
Concen: 4.344 ug/l
RT: 2.483 min Scan# 229
Delta R.T. 0.012 min
Lab File: VX046774.D
Acq: 19 Jun 2025 16:49

Tgt Ion:142 Resp: 20
Ion Ratio Lower Upper
142 100
127 0.0 37.0 55.6#
141 0.0 11.5 17.3#

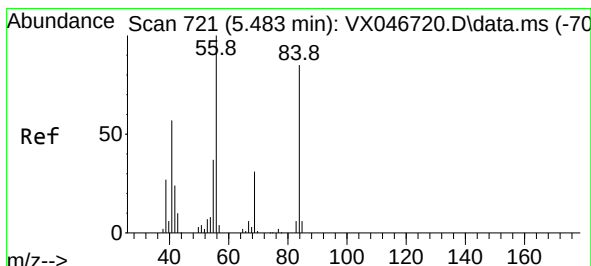
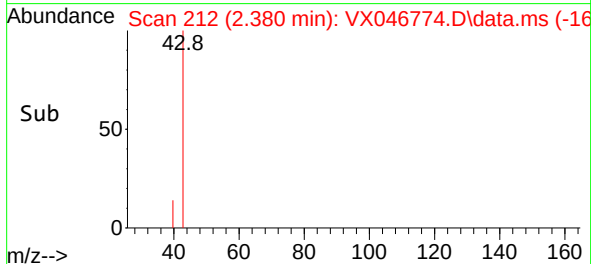
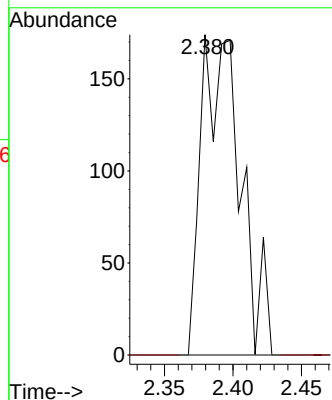
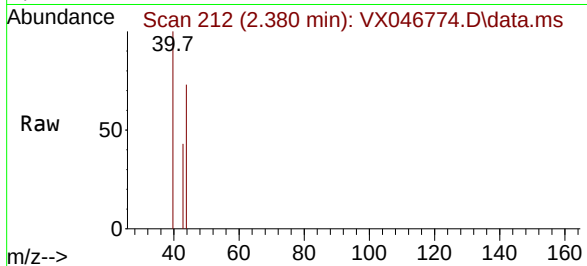




#16
Acetone
Concen: 0.615 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX046774.D
Acq: 19 Jun 2025 16:49

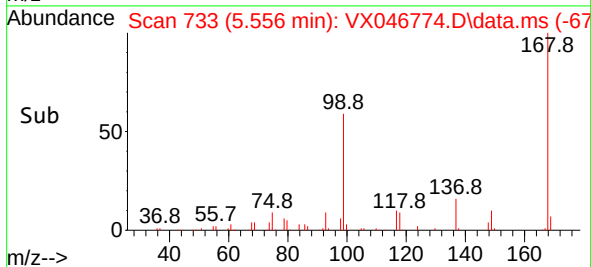
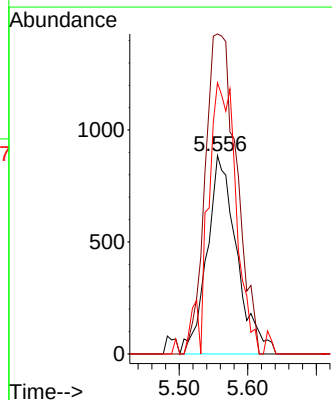
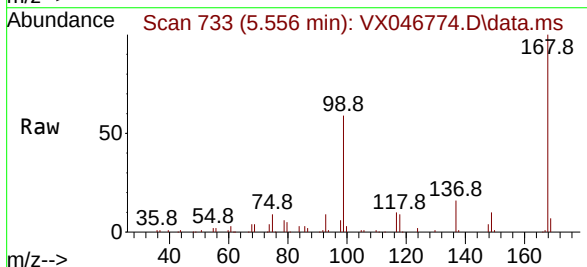
Instrument :
MSVOA_X
ClientSampleId :
IBLK

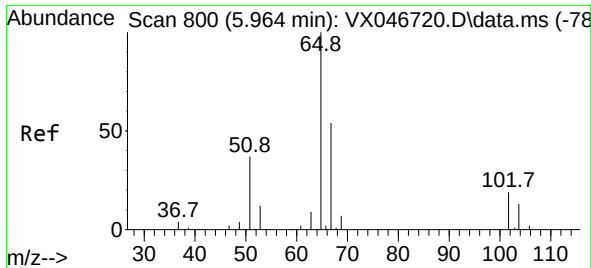
Tgt Ion: 43 Resp: 346
Ion Ratio Lower Upper
43 100
58 0.0 24.5 36.7#



#31
Cyclohexane
Concen: 1.056 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.073 min
Lab File: VX046774.D
Acq: 19 Jun 2025 16:49

Tgt Ion: 56 Resp: 2668
Ion Ratio Lower Upper
56 100
69 161.3 24.8 37.2#
84 136.7 68.2 102.2#

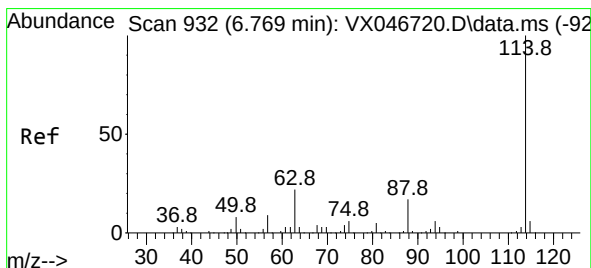
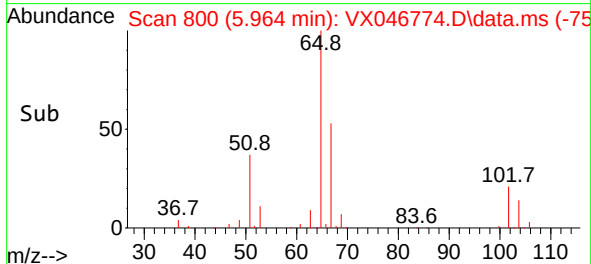
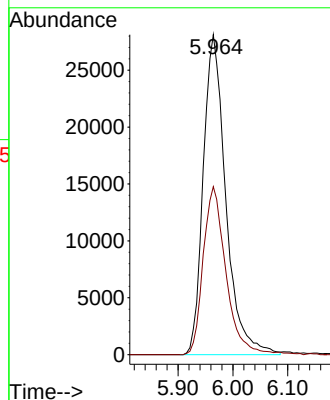
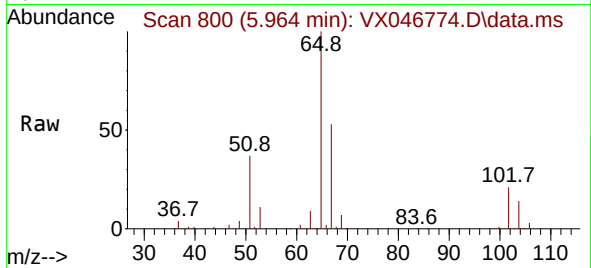




#33
 1,2-Dichloroethane-d4
 Concen: 47.557 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. -0.000 min
 Lab File: VX046774.D
 Acq: 19 Jun 2025 16:49

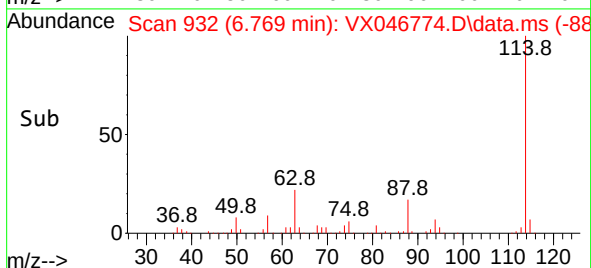
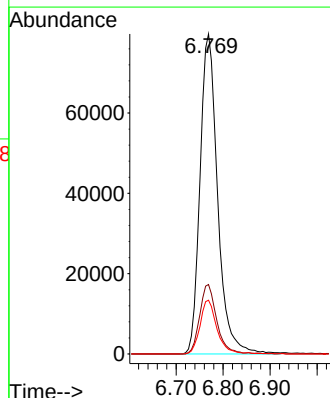
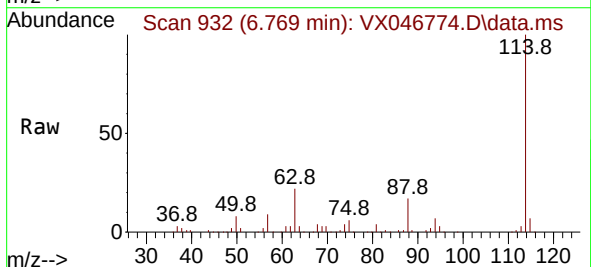
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

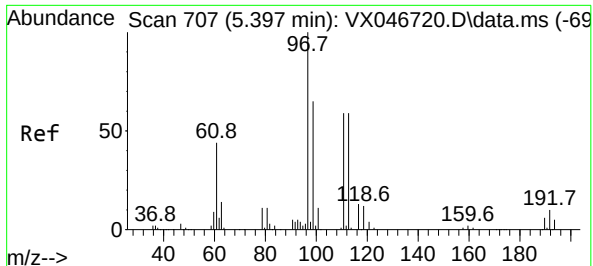
Tgt Ion: 65 Resp: 80273
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX046774.D
 Acq: 19 Jun 2025 16:49

Tgt Ion: 114 Resp: 207196
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 44.2
 88 16.8 0.0 33.2

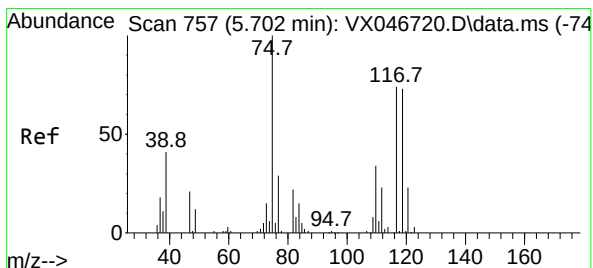
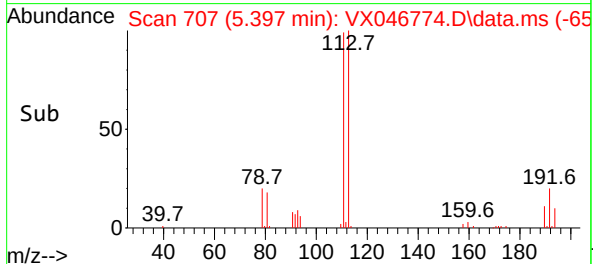
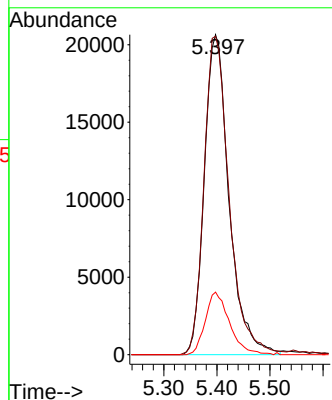
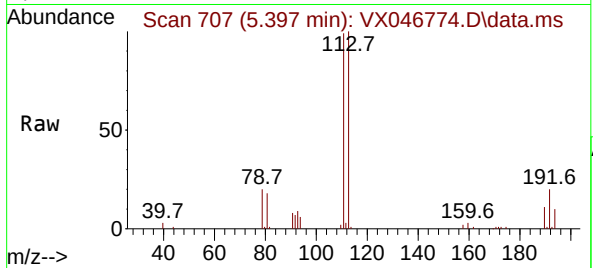




#35
Dibromofluoromethane
Concen: 48.767 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046774.D
Acq: 19 Jun 2025 16:49

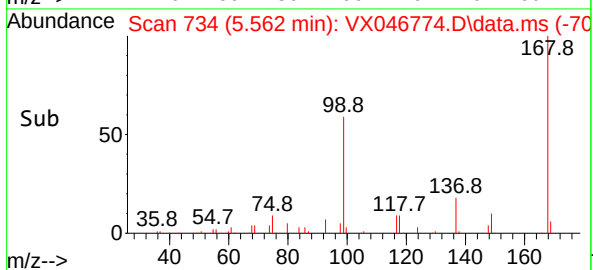
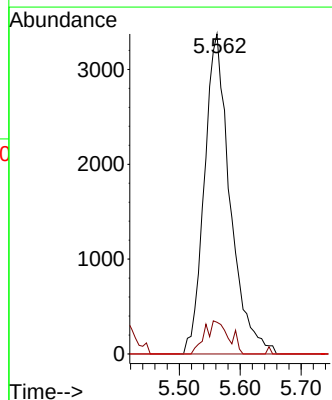
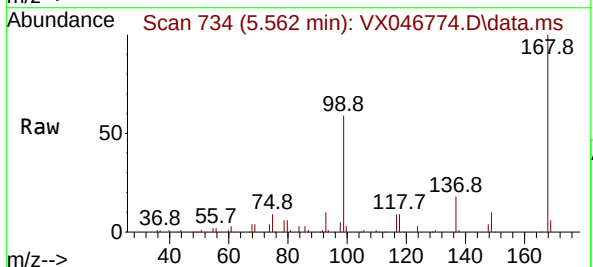
Instrument :
MSVOA_X
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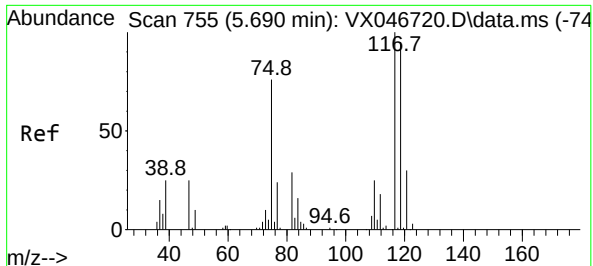
Tgt Ion:113 Resp: 66853
Ion Ratio Lower Upper
113 100
111 101.1 82.0 123.0
192 19.2 15.3 22.9



#36
1,1-Dichloropropene
Concen: 5.004 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX046774.D
Acq: 19 Jun 2025 16:49

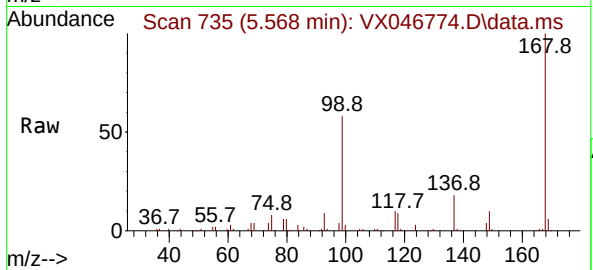
Tgt Ion: 75 Resp: 9902
Ion Ratio Lower Upper
75 100
110 9.7 17.2 51.5#
77 0.0 24.2 36.4#



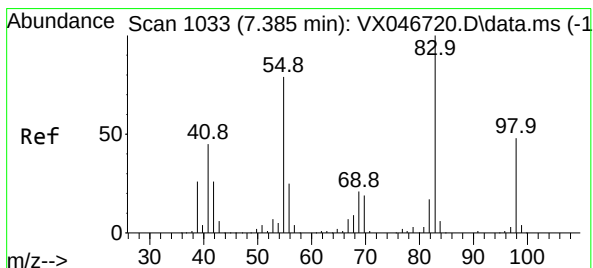
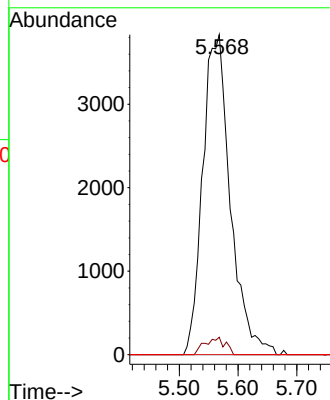
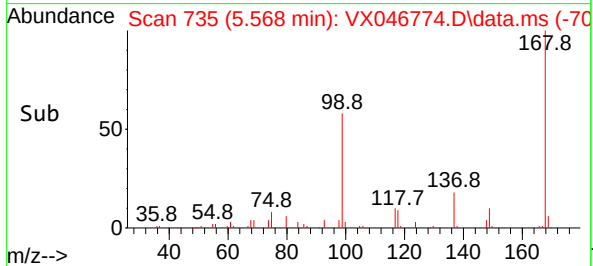


#38
Carbon Tetrachloride
Concen: 5.826 ug/l
RT: 5.568 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX046774.D
Acq: 19 Jun 2025 16:49

Instrument :
MSVOA_X
ClientSampleId :
IBLK

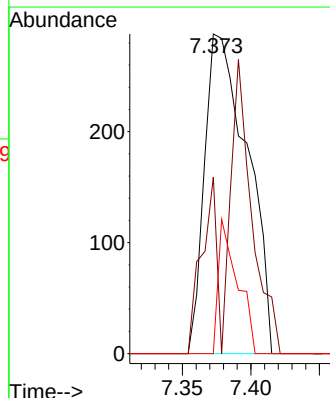
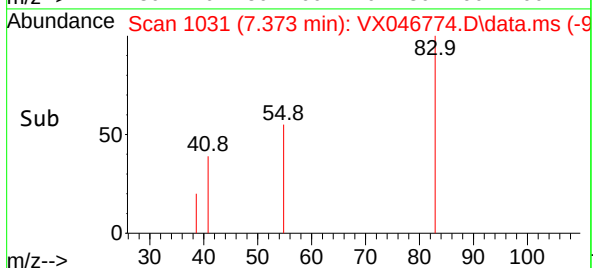
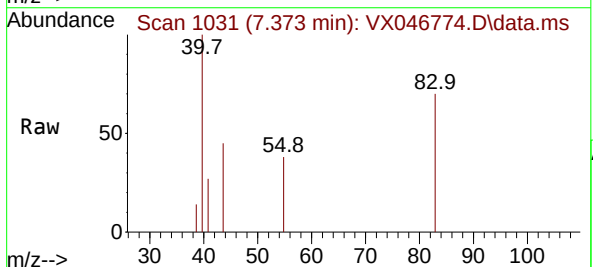


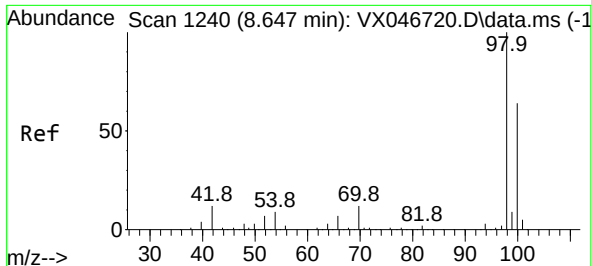
Tgt Ion:117 Resp: 12511
Ion Ratio Lower Upper
117 100
119 5.5 75.2 112.8#
121 0.0 24.1 36.1#



#39
Methylcyclohexane
Concen: 0.240 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.012 min
Lab File: VX046774.D
Acq: 19 Jun 2025 16:49

Tgt Ion: 83 Resp: 624
Ion Ratio Lower Upper
83 100
55 55.2 63.0 94.4#
98 0.0 38.8 58.2#

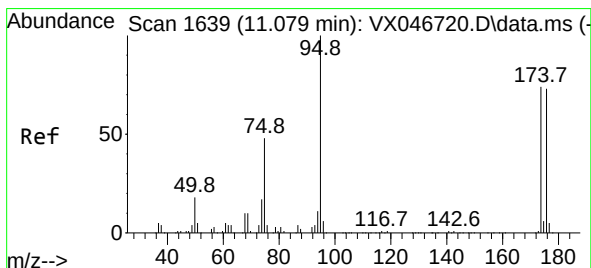
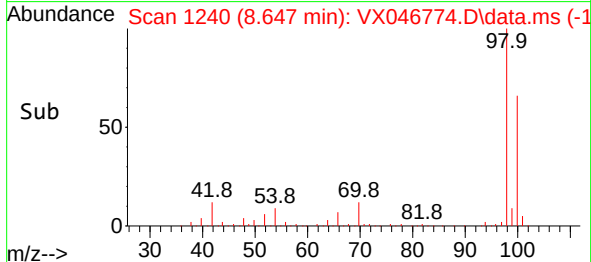
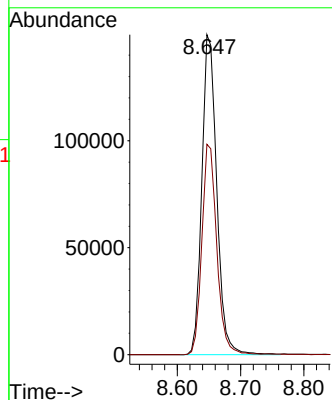
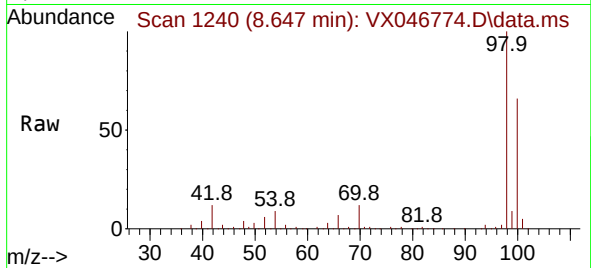




#50
Toluene-d8
Concen: 49.841 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046774.D
Acq: 19 Jun 2025 16:49

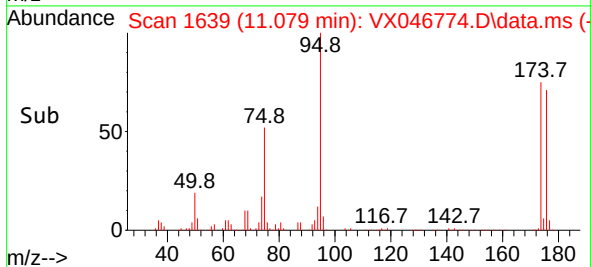
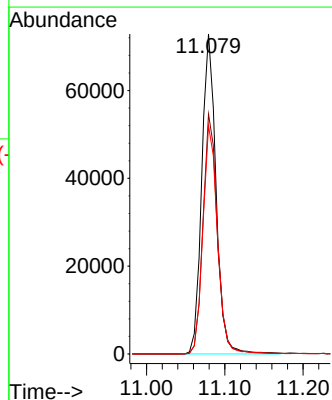
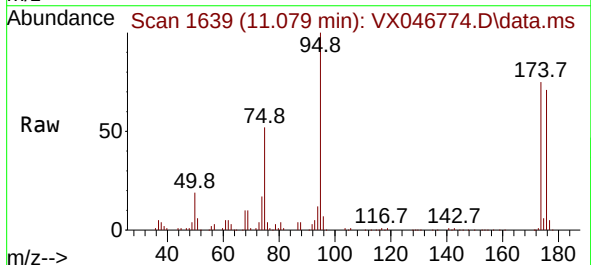
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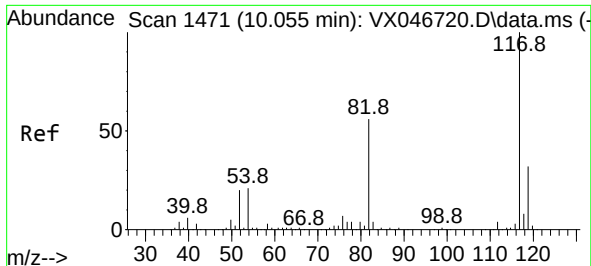
Tgt Ion: 98 Resp: 245480
Ion Ratio Lower Upper
98 100
100 65.9 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 50.294 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046774.D
Acq: 19 Jun 2025 16:49

Tgt Ion: 95 Resp: 92337
Ion Ratio Lower Upper
95 100
174 75.3 0.0 150.4
176 73.0 0.0 145.0

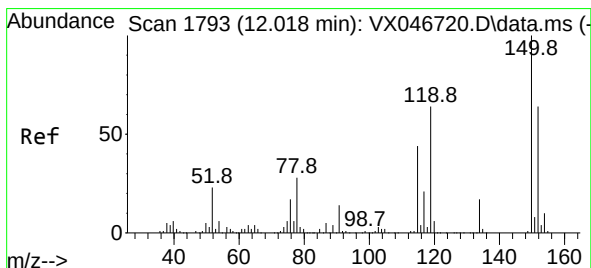
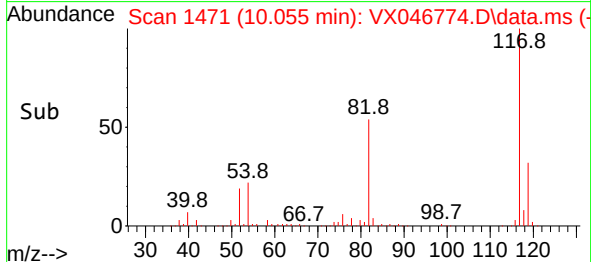
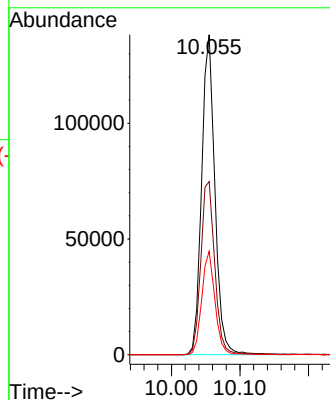
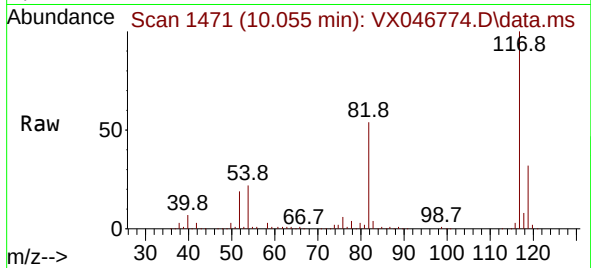




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046774.D
Acq: 19 Jun 2025 16:49

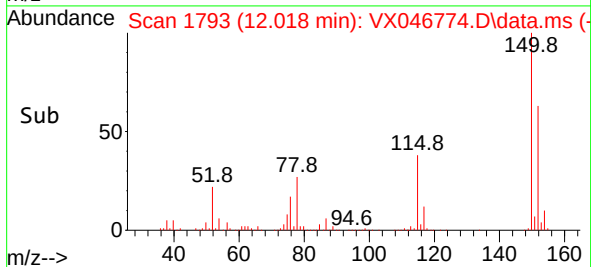
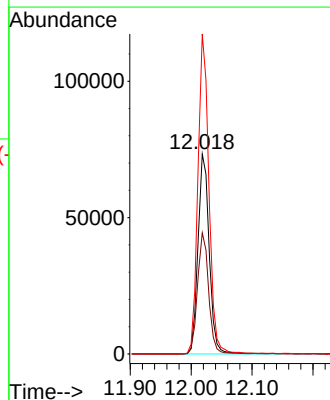
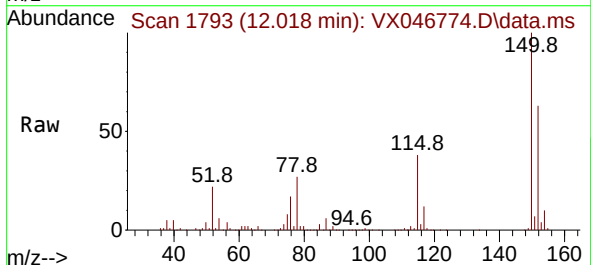
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MSVOA_X
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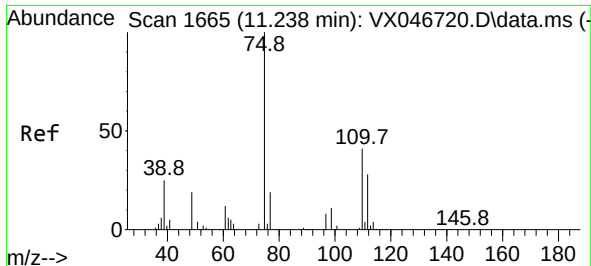
Tgt Ion:117 Resp: 186888
Ion Ratio Lower Upper
117 100
82 54.1 44.6 66.8
119 32.3 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046774.D
Acq: 19 Jun 2025 16:49

Tgt Ion:152 Resp: 93897
Ion Ratio Lower Upper
152 100
115 59.9 43.2 129.6
150 156.4 0.0 346.8

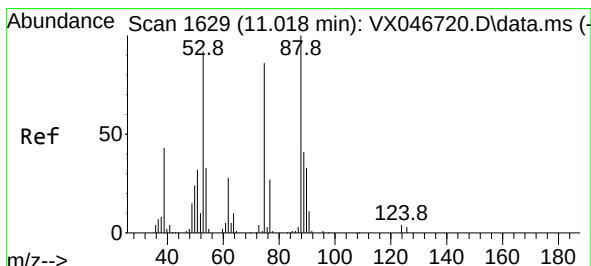
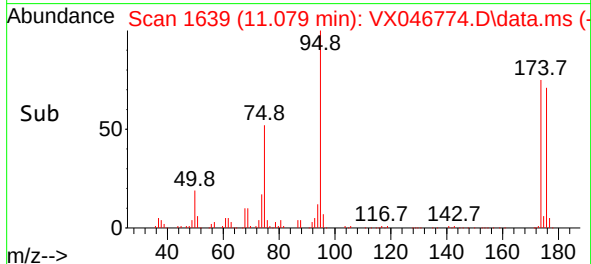
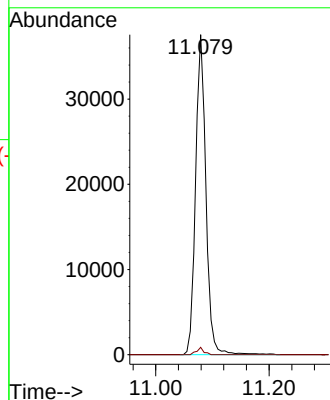
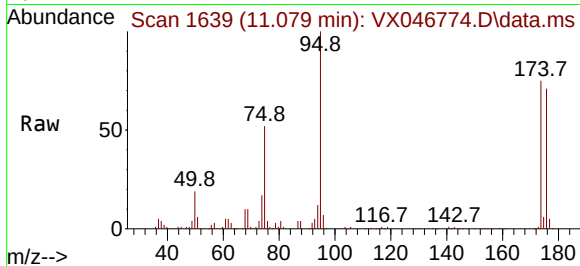




#76
1,2,3-Trichloropropane
Concen: 27.520 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX046774.D
Acq: 19 Jun 2025 16:49

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 75 Resp: 47327
Ion Ratio Lower Upper
75 100
77 1.6 18.5 55.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.787 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX046774.D
Acq: 19 Jun 2025 16:49

Tgt Ion: 75 Resp: 47327
Ion Ratio Lower Upper
75 100
53 0.0 86.8 130.2#
89 0.0 36.9 55.3#

