

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050725\
 Data File : VX046075.D
 Acq On : 07 May 2025 16:13
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: May 08 01:49:10 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

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

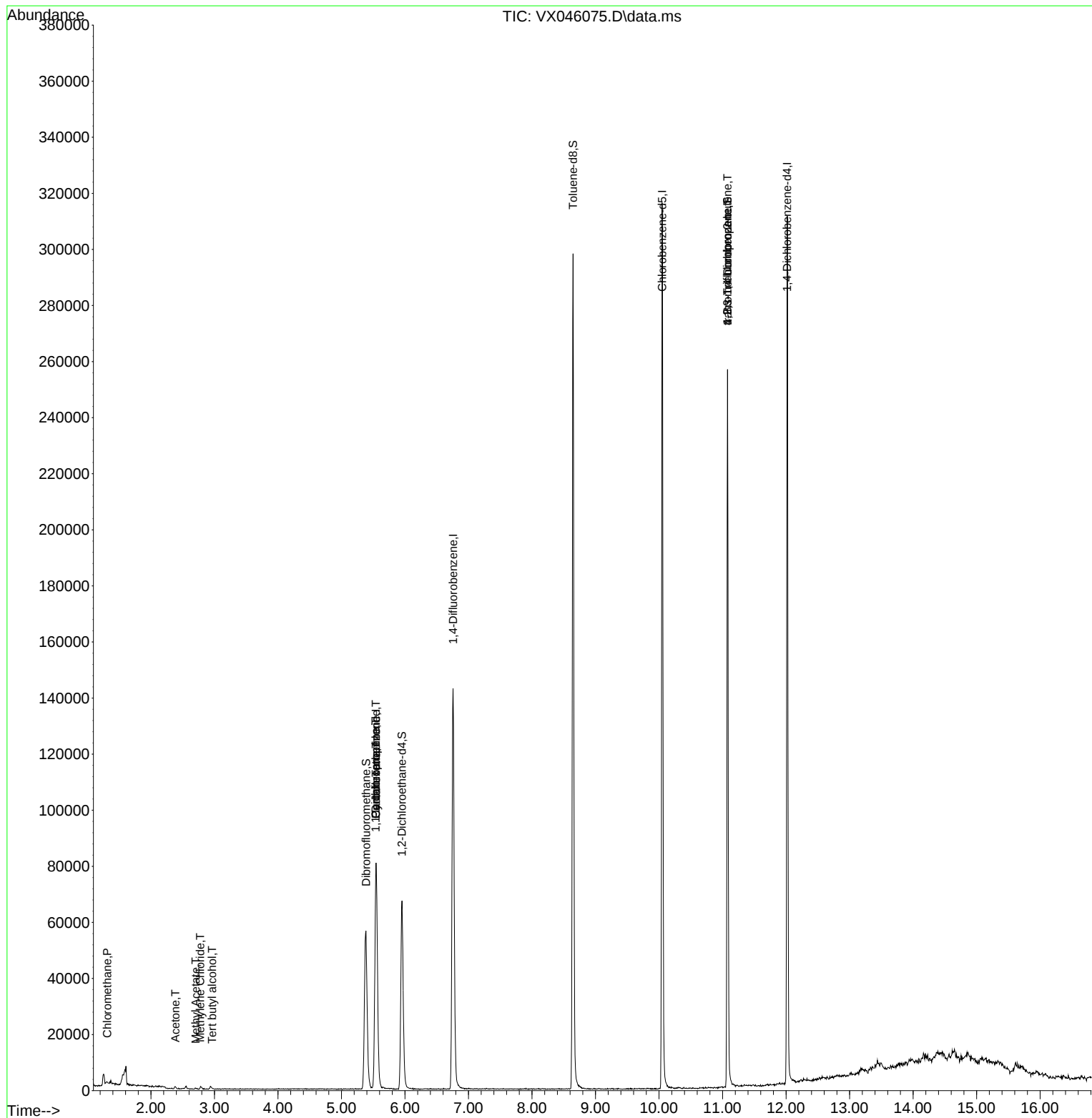
Internal Standards						
1) Pentafluorobenzene	5.544	168	68216	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	137093	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	129625	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	55978	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	67528	53.098	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.200%	
35) Dibromofluoromethane	5.385	113	49641	50.284	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.560%	
50) Toluene-d8	8.647	98	172164	50.386	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.780%	
62) 4-Bromofluorobenzene	11.079	95	67929	51.828	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 103.660%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.313	50	722	0.713	ug/l	93
11) Tert butyl alcohol	2.965	59	481	2.694	ug/l #	72
16) Acetone	2.386	43	926	1.816	ug/l	96
18) Methyl Acetate	2.703	43	253	0.214	ug/l #	55
20) Methylene Chloride	2.776	84	411	0.421	ug/l	92
31) Cyclohexane	5.544	56	1928	1.272	ug/l #	28
36) 1,1-Dichloropropene	5.538	75	6850	5.164	ug/l #	50
38) Carbon Tetrachloride	5.544	117	8282	5.557	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	39018	28.958	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	39018	94.277	ug/l #	1

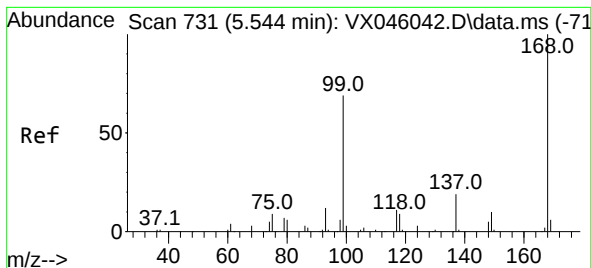
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 08 01:49:10 2025
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Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.000 min

Lab File: VX046075.D

Acq: 07 May 2025 16:13

Instrument :

MSVOA_X

ClientSampleId :

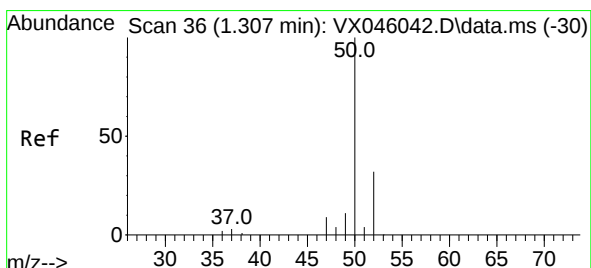
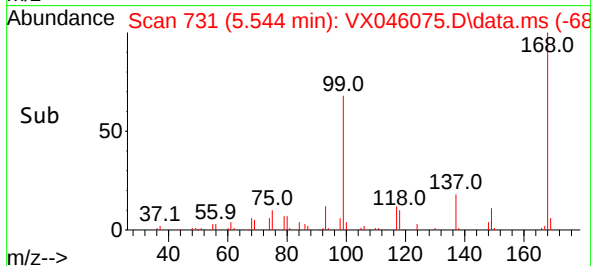
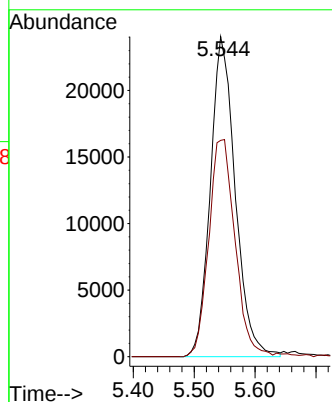
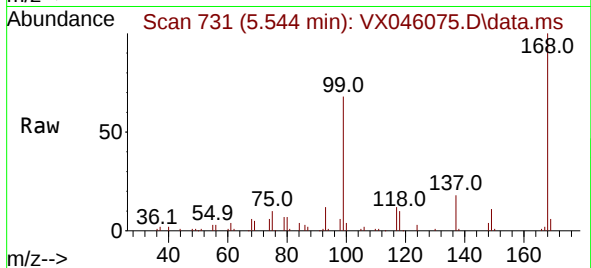
IBLK

Tgt Ion:168 Resp: 68216

Ion Ratio Lower Upper

168 100

99 67.6 54.9 82.3



#3

Chloromethane

Concen: 0.713 ug/l

RT: 1.313 min Scan# 37

Delta R.T. 0.006 min

Lab File: VX046075.D

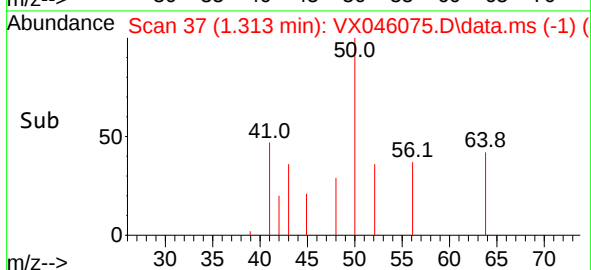
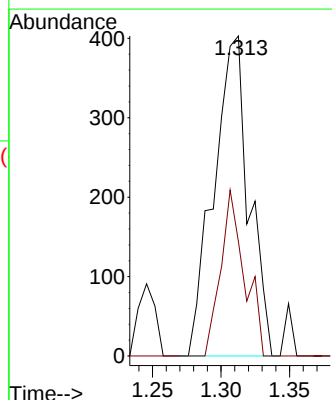
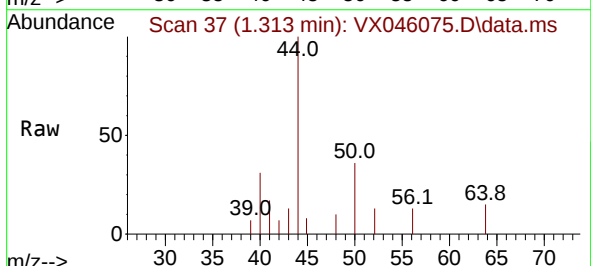
Acq: 07 May 2025 16:13

Tgt Ion: 50 Resp: 722

Ion Ratio Lower Upper

50 100

52 35.7 25.4 38.2

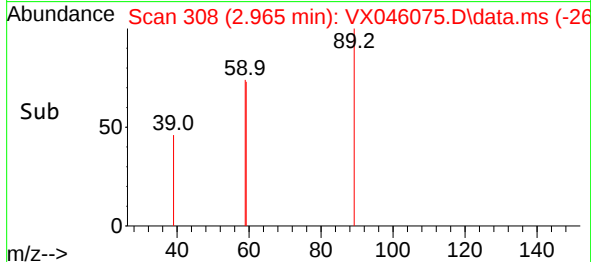
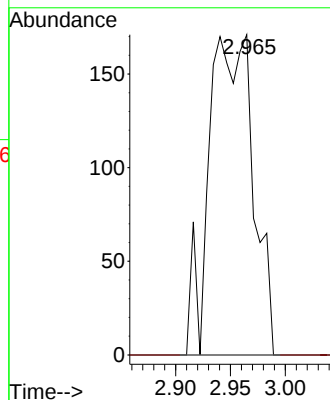
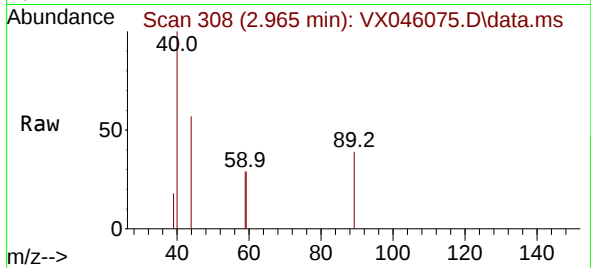




#11
Tert butyl alcohol
Concen: 2.694 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.012 min
Lab File: VX046075.D
Acq: 07 May 2025 16:13

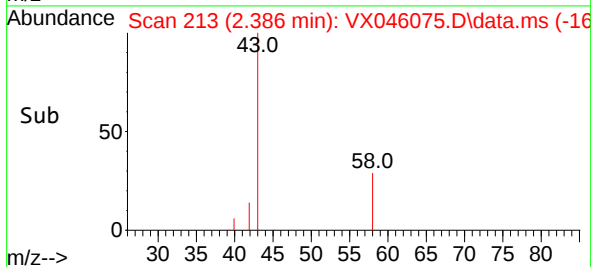
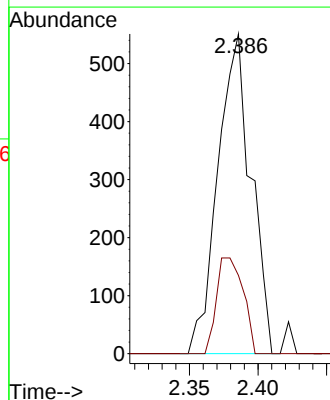
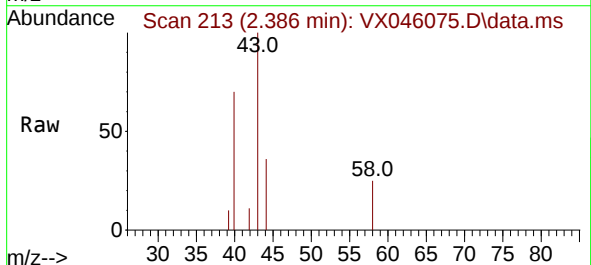
Instrument :
MSVOA_X
ClientSampleId :
IBLK

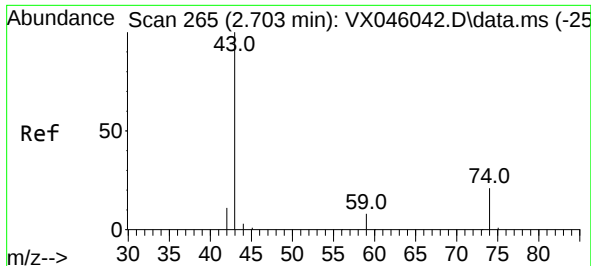
Tgt Ion: 59 Resp: 481
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#



#16
Acetone
Concen: 1.816 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046075.D
Acq: 07 May 2025 16:13

Tgt Ion: 43 Resp: 926
Ion Ratio Lower Upper
43 100
58 24.5 21.2 31.8

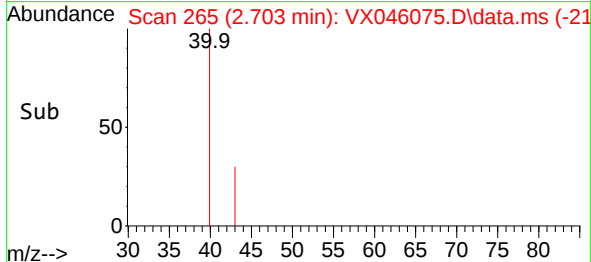
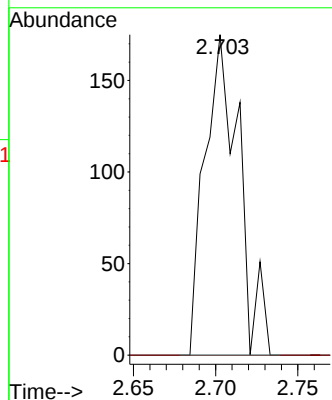
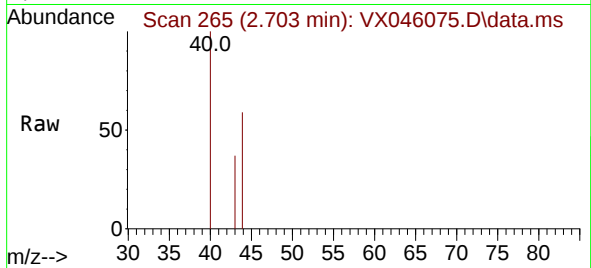




#18
Methyl Acetate
Concen: 0.214 ug/l
RT: 2.703 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX046075.D
Acq: 07 May 2025 16:13

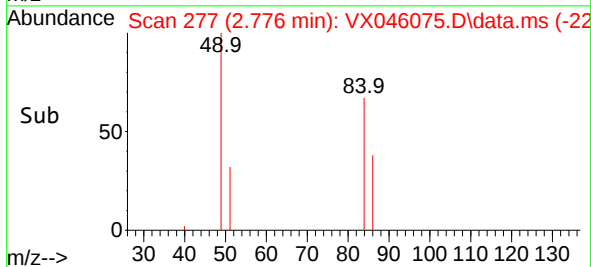
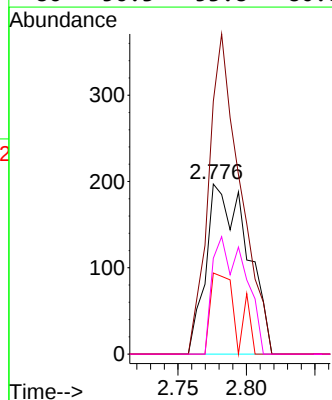
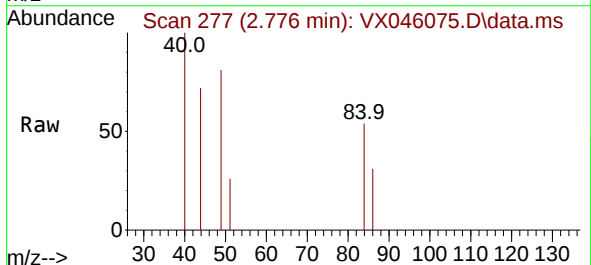
Instrument :
MSVOA_X
ClientSampleId :
IBLK

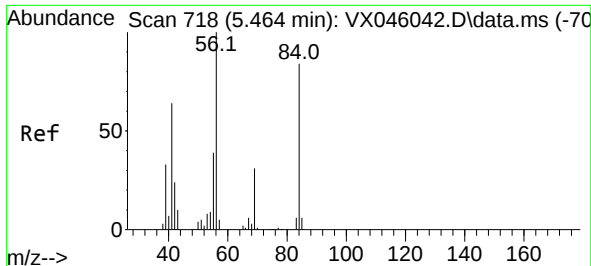
Tgt Ion: 43 Resp: 253
Ion Ratio Lower Upper
43 100
74 0.0 16.7 25.1#



#20
Methylene Chloride
Concen: 0.421 ug/l
RT: 2.776 min Scan# 277
Delta R.T. -0.006 min
Lab File: VX046075.D
Acq: 07 May 2025 16:13

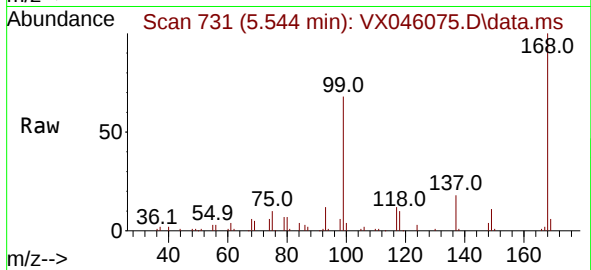
Tgt Ion: 84 Resp: 411
Ion Ratio Lower Upper
84 100
49 148.7 113.9 170.9
51 47.7 33.5 50.3
86 56.3 53.8 80.8



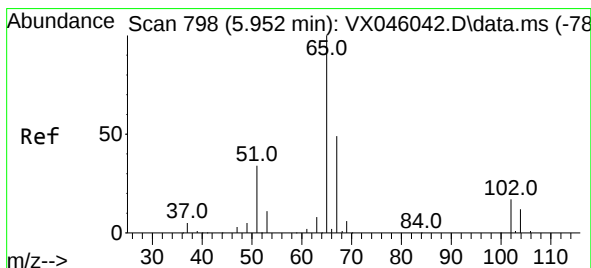
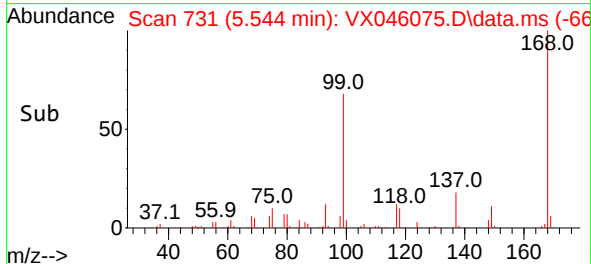
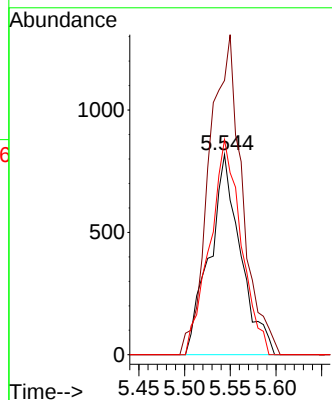


#31
Cyclohexane
Concen: 1.272 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX046075.D
Acq: 07 May 2025 16:13

Instrument :
MSVOA_X
ClientSampleId :
IBLK

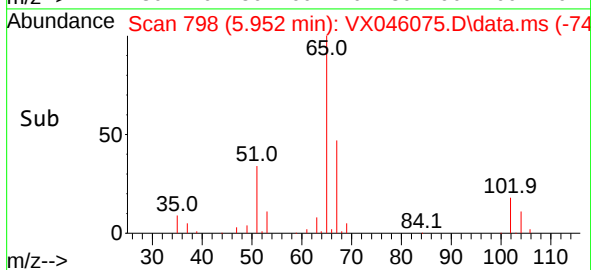
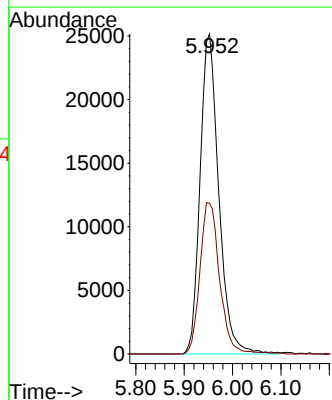
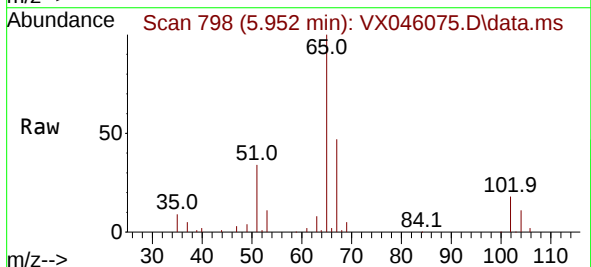


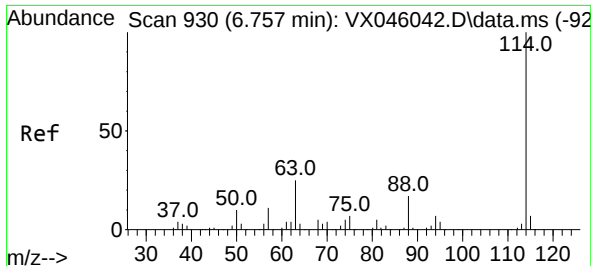
Tgt Ion: 56 Resp: 1928
Ion Ratio Lower Upper
56 100
69 137.0 24.4 36.6#
84 107.5 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 53.098 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX046075.D
Acq: 07 May 2025 16:13

Tgt Ion: 65 Resp: 67528
Ion Ratio Lower Upper
65 100
67 49.7 0.0 99.0

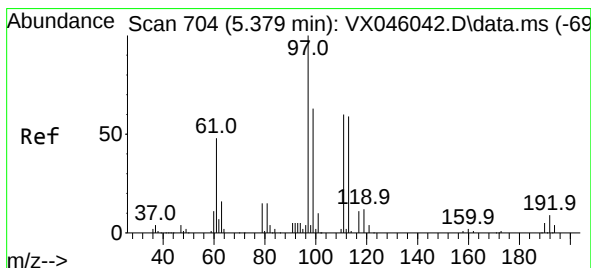
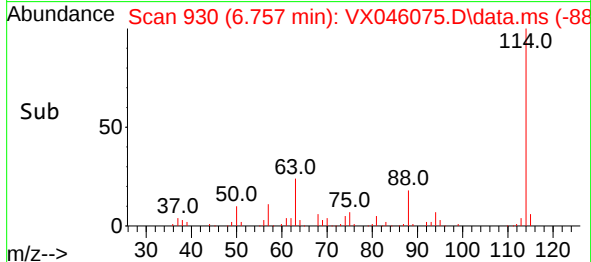
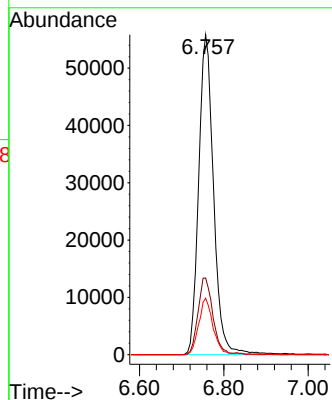
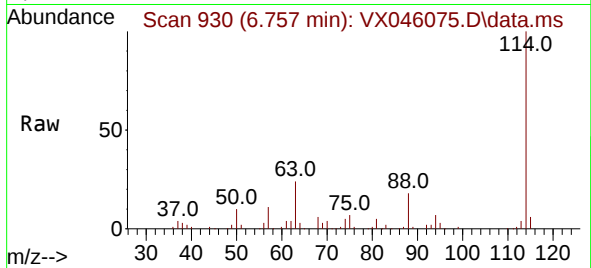




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX046075.D
Acq: 07 May 2025 16:13

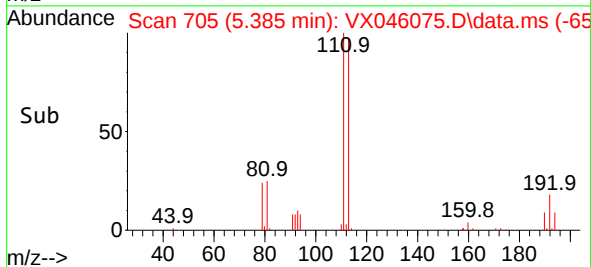
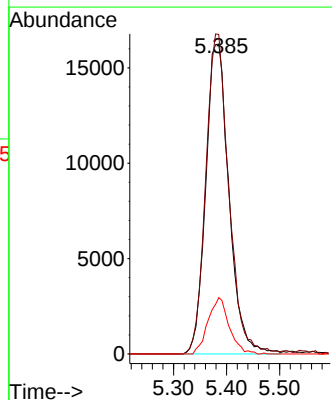
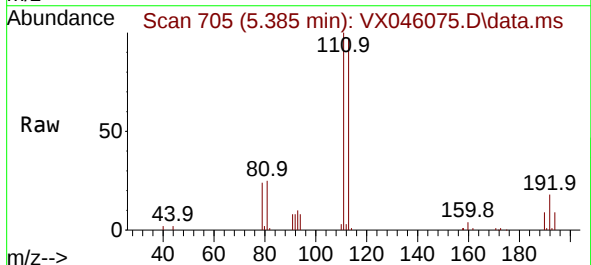
Instrument :
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ClientSampleId :
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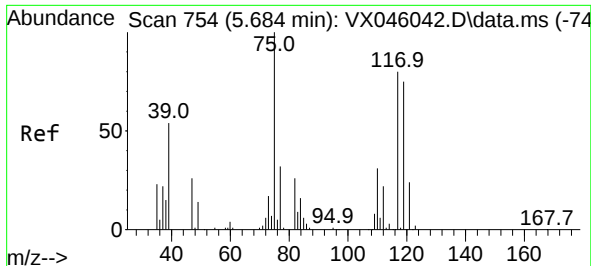
Tgt Ion:114 Resp: 137093
Ion Ratio Lower Upper
114 100
63 23.9 0.0 49.2
88 17.6 0.0 33.6



#35
Dibromofluoromethane
Concen: 50.284 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX046075.D
Acq: 07 May 2025 16:13

Tgt Ion:113 Resp: 49641
Ion Ratio Lower Upper
113 100
111 102.1 83.1 124.7
192 16.4 13.3 19.9

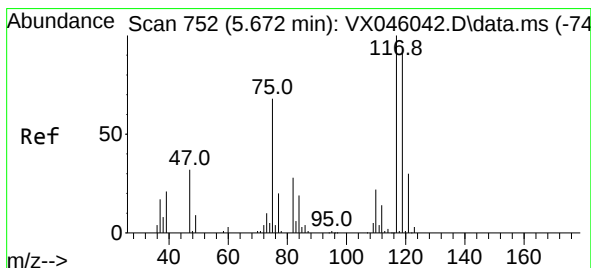
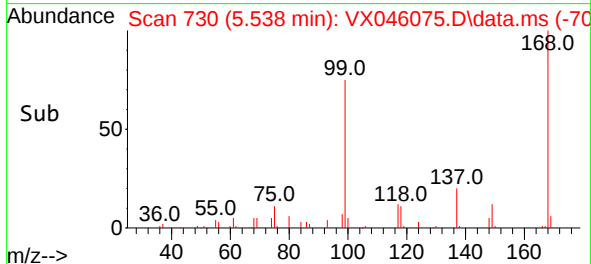
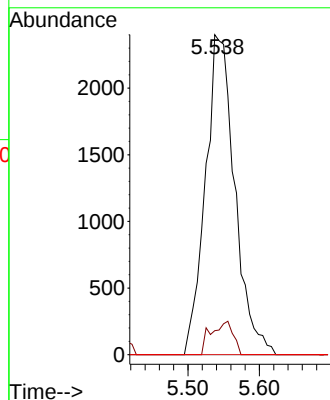
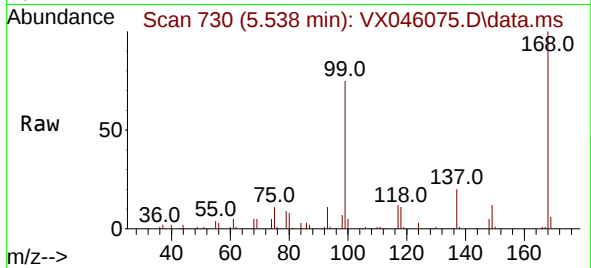




#36
 1,1-Dichloropropene
 Concen: 5.164 ug/l
 RT: 5.538 min Scan# 711
 Delta R.T. -0.146 min
 Lab File: VX046075.D
 Acq: 07 May 2025 16:13

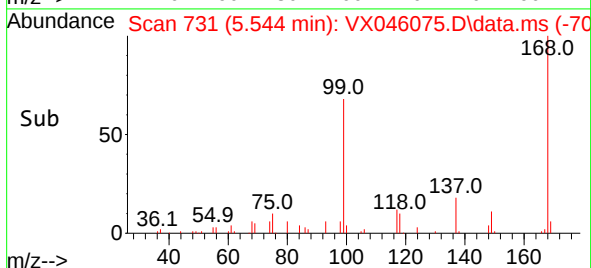
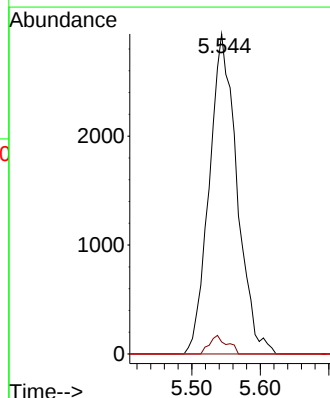
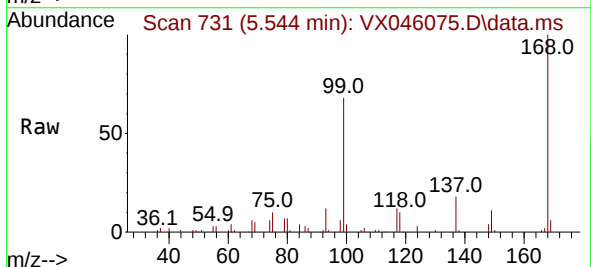
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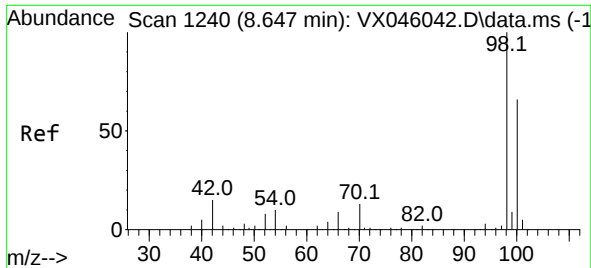
Tgt Ion: 75 Resp: 6850
 Ion Ratio Lower Upper
 75 100
 110 7.9 16.3 48.9#
 77 0.0 24.3 36.5#



#38
 Carbon Tetrachloride
 Concen: 5.557 ug/l
 RT: 5.544 min Scan# 731
 Delta R.T. -0.128 min
 Lab File: VX046075.D
 Acq: 07 May 2025 16:13

Tgt Ion: 117 Resp: 8282
 Ion Ratio Lower Upper
 117 100
 119 3.7 75.2 112.8#
 121 0.0 24.2 36.4#

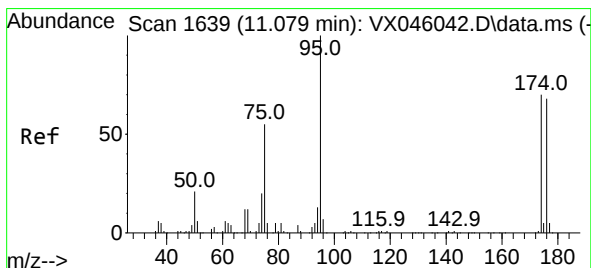
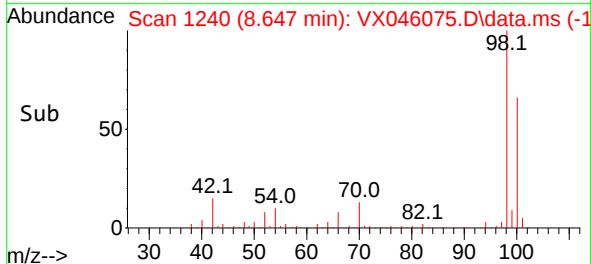
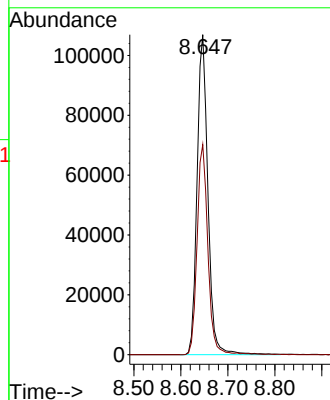
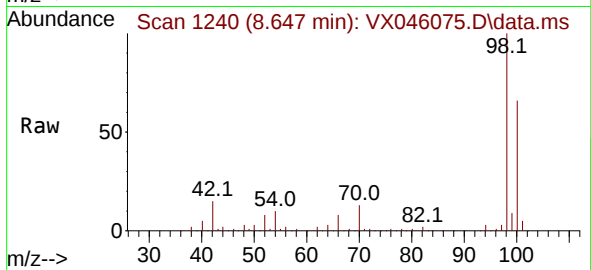




#50
Toluene-d8
Concen: 50.386 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046075.D
Acq: 07 May 2025 16:13

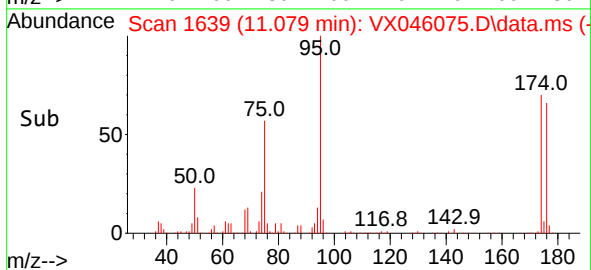
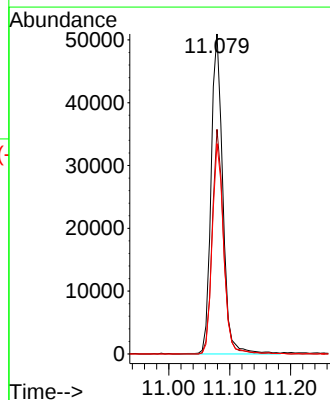
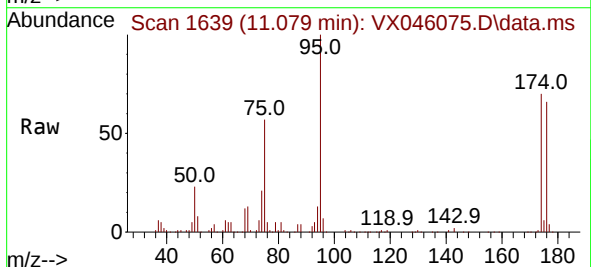
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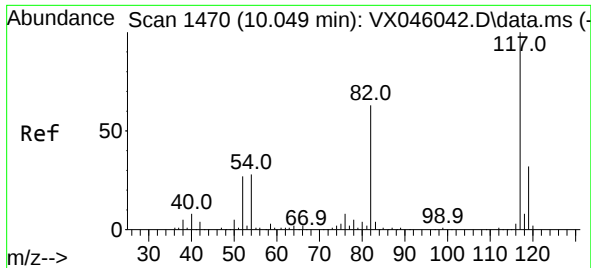
Tgt Ion: 98 Resp: 172164
Ion Ratio Lower Upper
98 100
100 65.5 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 51.828 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046075.D
Acq: 07 May 2025 16:13

Tgt Ion: 95 Resp: 67929
Ion Ratio Lower Upper
95 100
174 67.4 0.0 135.8
176 64.5 0.0 131.4

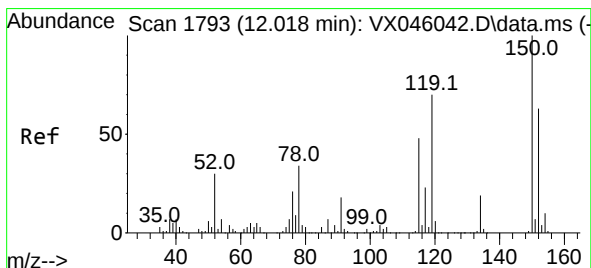
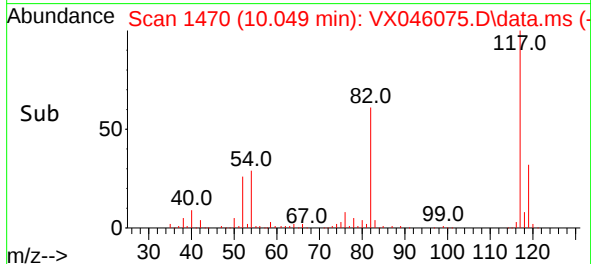
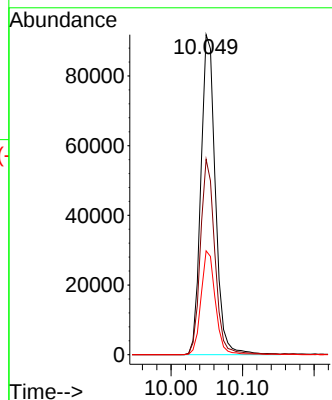
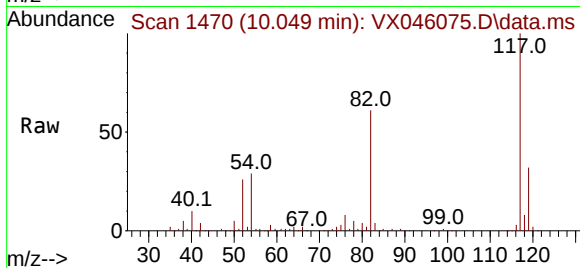




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046075.D
Acq: 07 May 2025 16:13

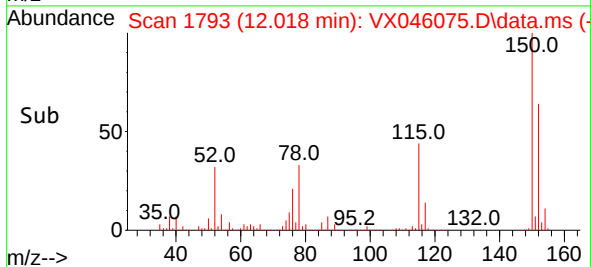
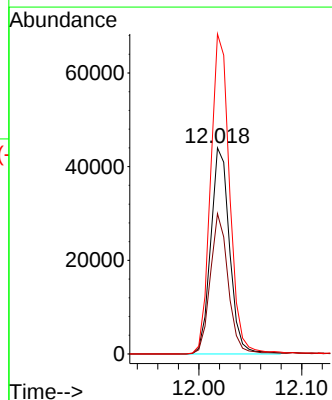
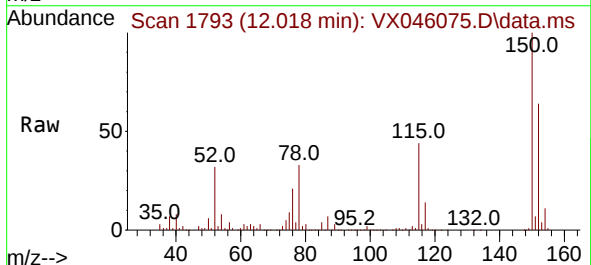
Instrument :
MSVOA_X
ClientSampleId :
IBLK

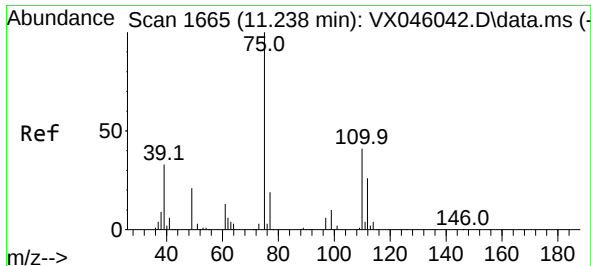
Tgt Ion:117 Resp: 129625
Ion Ratio Lower Upper
117 100
82 61.1 50.6 76.0
119 32.5 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046075.D
Acq: 07 May 2025 16:13

Tgt Ion:152 Resp: 55978
Ion Ratio Lower Upper
152 100
115 64.9 46.9 140.7
150 157.6 0.0 351.0

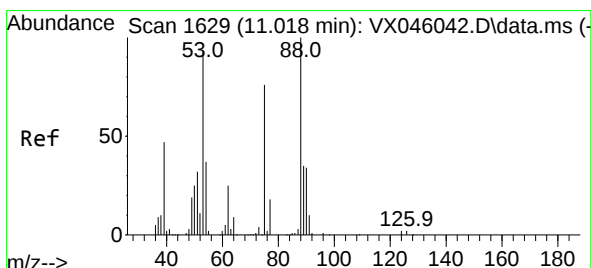
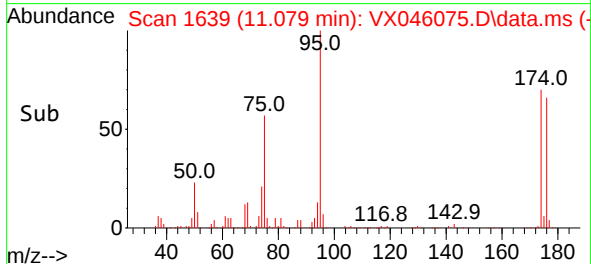
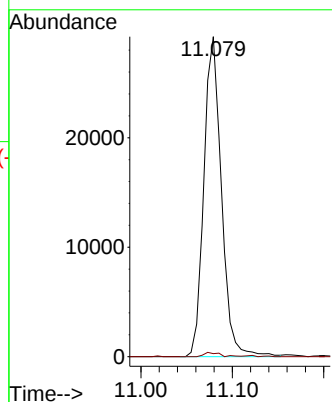
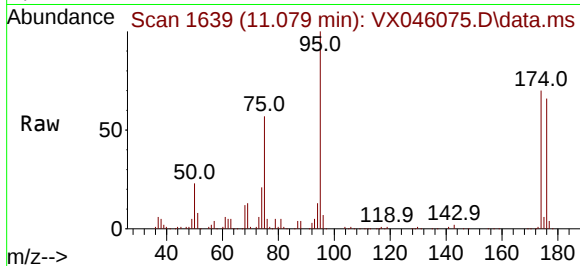




#76
1,2,3-Trichloropropane
Concen: 28.958 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX046075.D
Acq: 07 May 2025 16:13

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 75 Resp: 39018
Ion Ratio Lower Upper
75 100
77 1.2 20.5 61.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 94.277 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX046075.D
Acq: 07 May 2025 16:13

Tgt Ion: 75 Resp: 39018
Ion Ratio Lower Upper
75 100
53 0.0 100.5 150.7#
89 0.0 37.0 55.6#

