

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101725\
 Data File : VX048223.D
 Acq On : 17 Oct 2025 18:58
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Oct 18 00:24:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101725W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 18 00:06:31 2025
 Response via : Initial Calibration

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

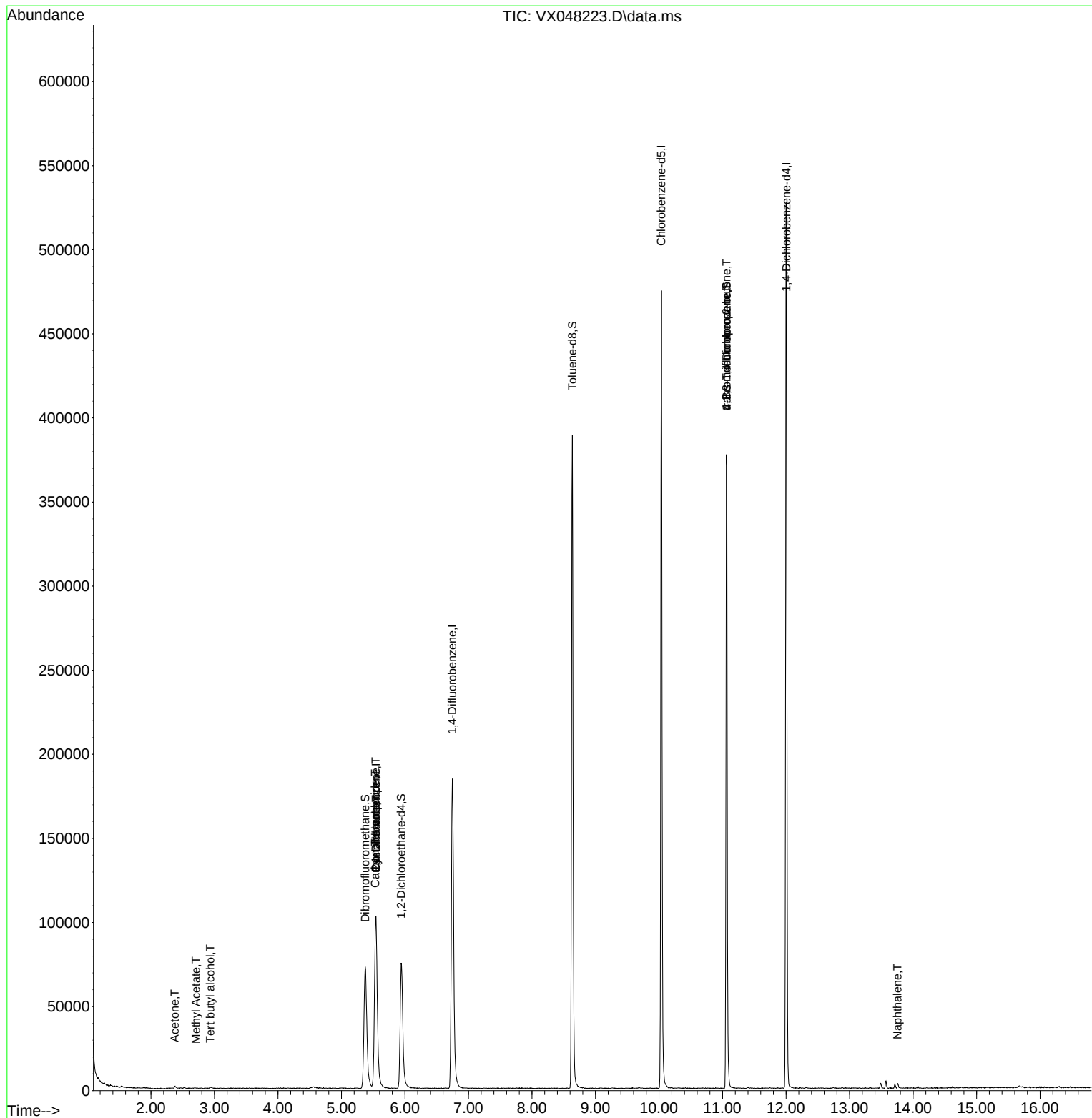
Internal Standards						
1) Pentafluorobenzene	5.544	168	104884	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	206289	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	219637	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	118165	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	85570	52.663	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 105.320%		
35) Dibromofluoromethane	5.373	113	71528	49.960	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 99.920%		
50) Toluene-d8	8.635	98	245100	47.520	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 95.040%		
62) 4-Bromofluorobenzene	11.061	95	110915	59.041	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 118.080%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.934	59	762	7.068	ug/l #	72
16) Acetone	2.374	43	1653	2.982	ug/l	99
18) Methyl Acetate	2.709	43	241	0.213	ug/l #	54
31) Cyclohexane	5.544	56	2160	1.087	ug/l #	1
36) 1,1-Dichloropropene	5.538	75	8500	4.215	ug/l #	49
38) Carbon Tetrachloride	5.532	117	11541	4.985	ug/l #	14
76) 1,2,3-Trichloropropane	11.061	75	57095	31.642	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.061	75	57095	77.479	ug/l #	10
95) Naphthalene	13.756	128	2484	0.439	ug/l #	95

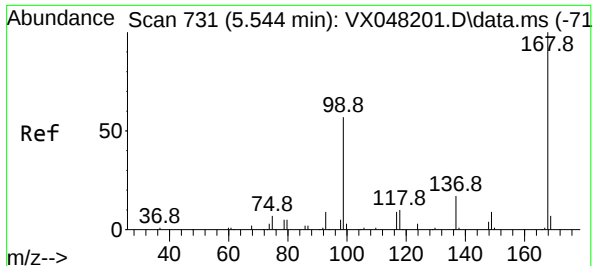
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 18 00:24:06 2025
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Quant Title : SW846 8260
QLast Update : Sat Oct 18 00:06:31 2025
Response via : Initial Calibration

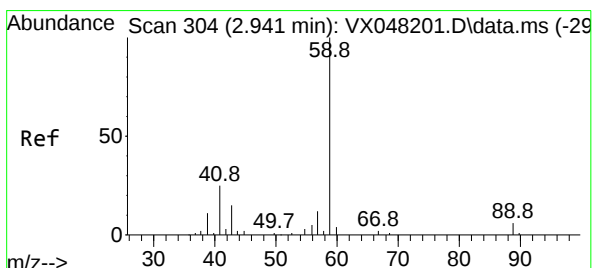
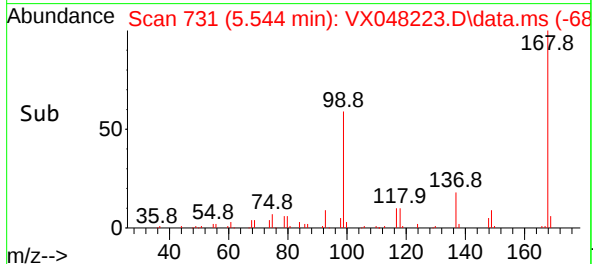
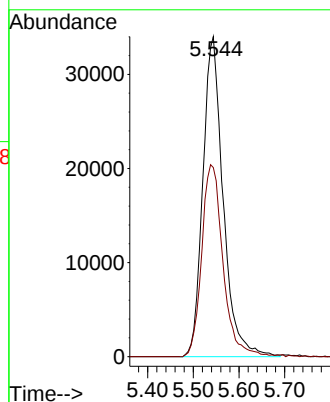
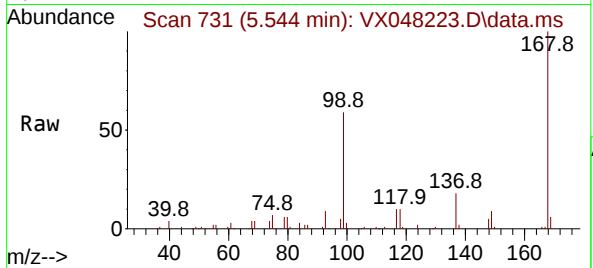




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048223.D
Acq: 17 Oct 2025 18:58

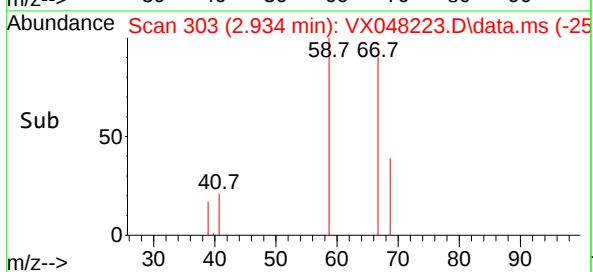
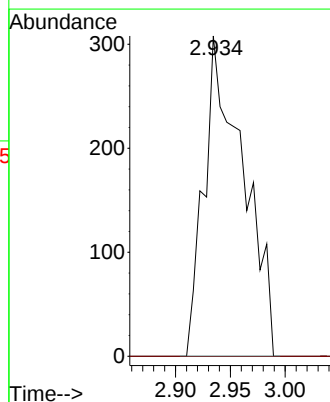
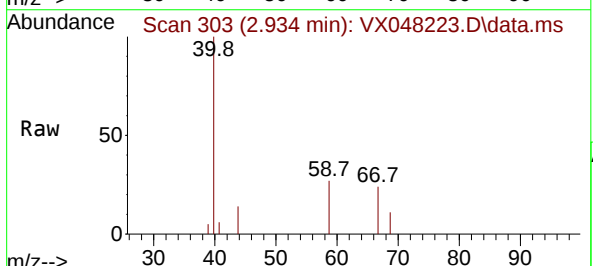
Instrument :
MSVOA_X
ClientSampleId :
IBLK

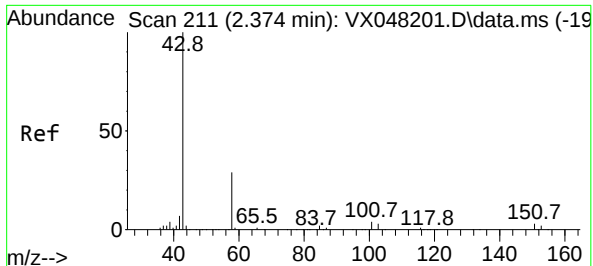
Tgt Ion:168 Resp: 104884
Ion Ratio Lower Upper
168 100
99 59.1 46.4 69.6



#11
Tert butyl alcohol
Concen: 7.068 ug/l
RT: 2.934 min Scan# 303
Delta R.T. -0.006 min
Lab File: VX048223.D
Acq: 17 Oct 2025 18:58

Tgt Ion: 59 Resp: 762
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

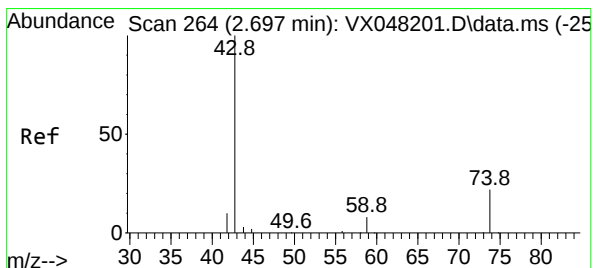
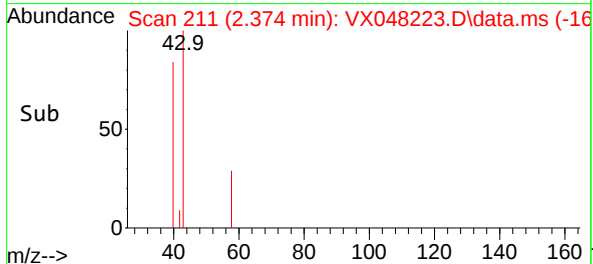
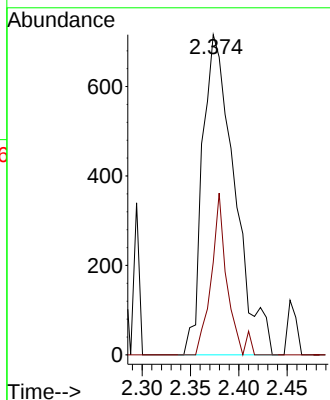
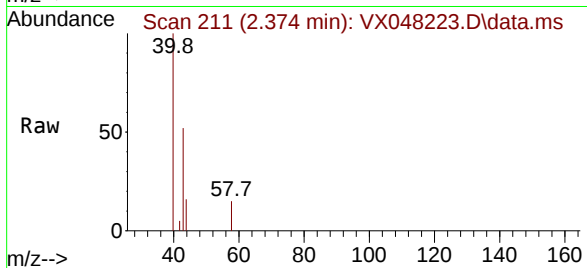




#16
Acetone
Concen: 2.982 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX048223.D
Acq: 17 Oct 2025 18:58

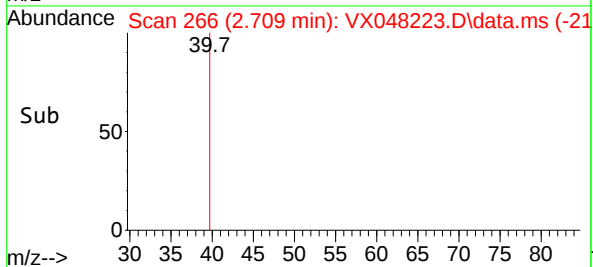
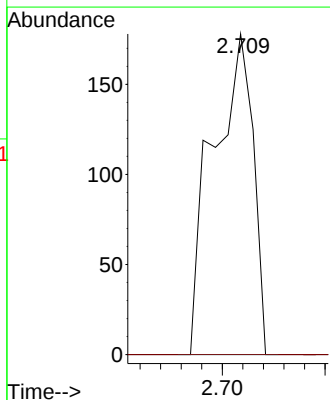
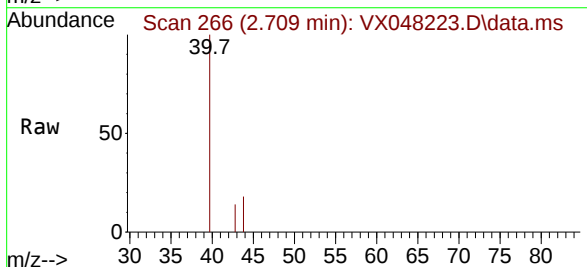
Instrument :
MSVOA_X
ClientSampleId :
IBLK

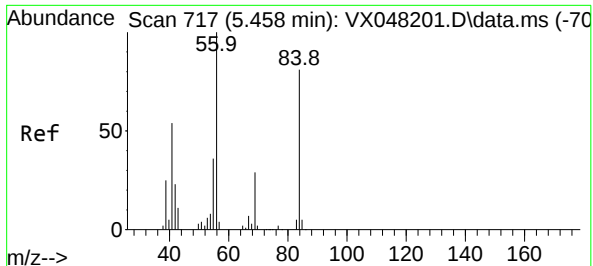
Tgt Ion: 43 Resp: 1653
Ion Ratio Lower Upper
43 100
58 28.9 23.4 35.2



#18
Methyl Acetate
Concen: 0.213 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.012 min
Lab File: VX048223.D
Acq: 17 Oct 2025 18:58

Tgt Ion: 43 Resp: 241
Ion Ratio Lower Upper
43 100
74 0.0 17.5 26.3#

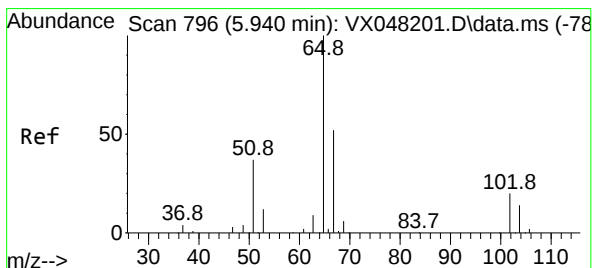
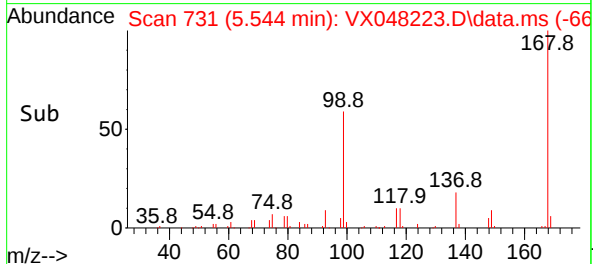
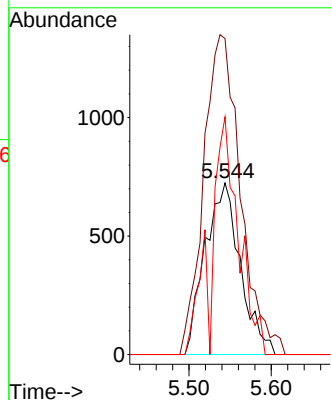
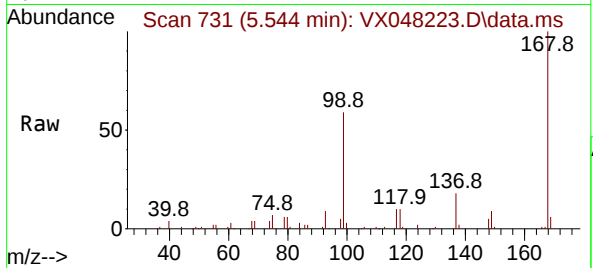




#31
Cyclohexane
Concen: 1.087 ug/l
RT: 5.544 min Scan# 717
Delta R.T. 0.085 min
Lab File: VX048223.D
Acq: 17 Oct 2025 18:58

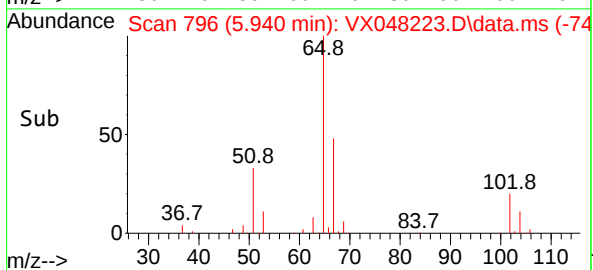
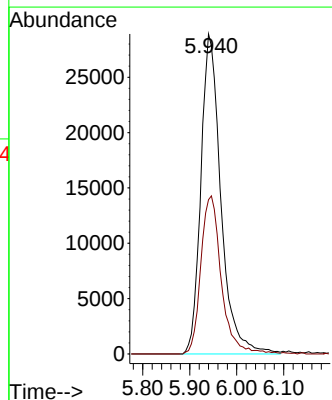
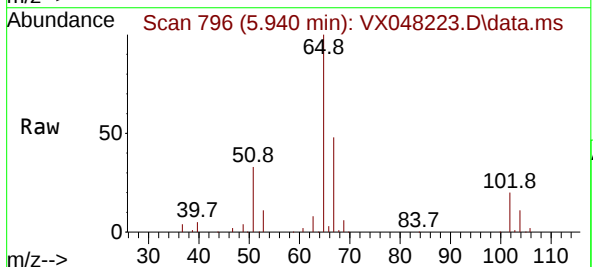
Instrument :
MSVOA_X
ClientSampleId :
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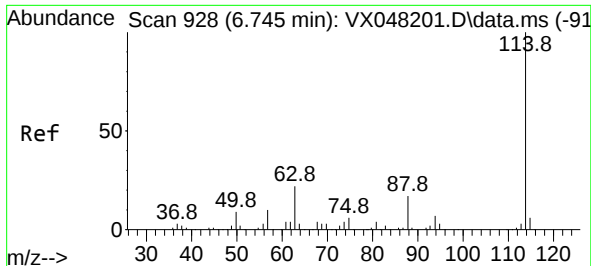
Tgt Ion: 56 Resp: 2160
Ion Ratio Lower Upper
56 100
69 184.3 23.0 34.6#
84 138.5 64.6 97.0#



#33
1,2-Dichloroethane-d4
Concen: 52.663 ug/l
RT: 5.940 min Scan# 796
Delta R.T. 0.000 min
Lab File: VX048223.D
Acq: 17 Oct 2025 18:58

Tgt Ion: 65 Resp: 85570
Ion Ratio Lower Upper
65 100
67 50.4 0.0 105.0

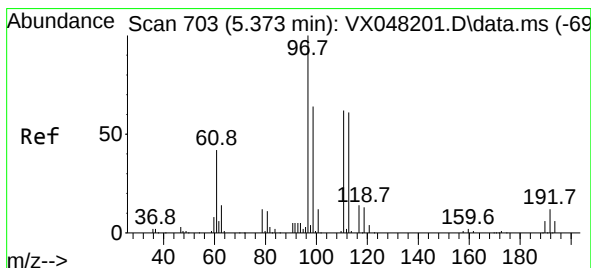
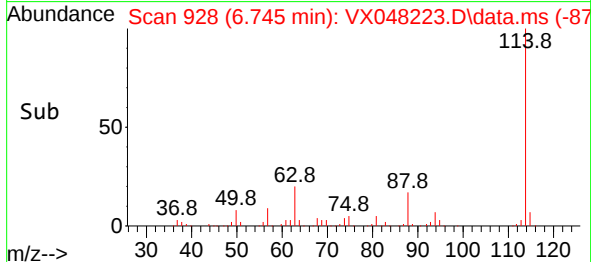
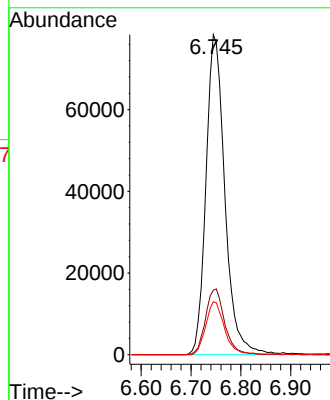
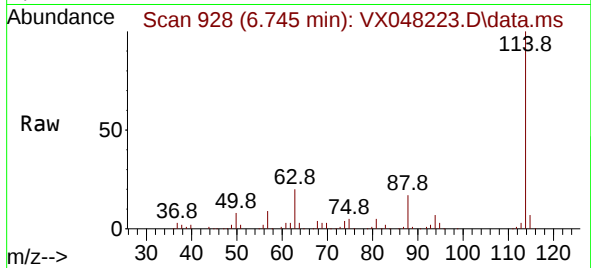




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX048223.D
Acq: 17 Oct 2025 18:58

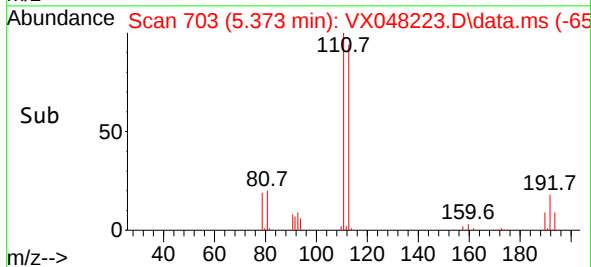
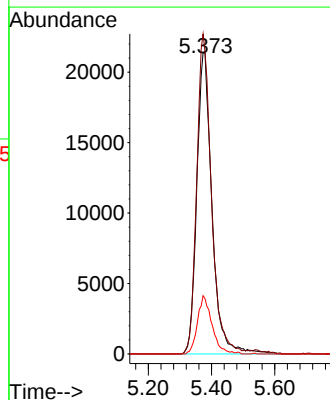
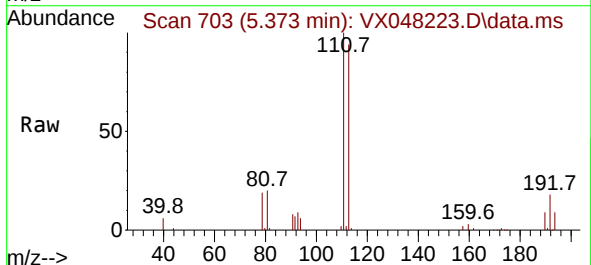
Instrument :
MSVOA_X
ClientSampleId :
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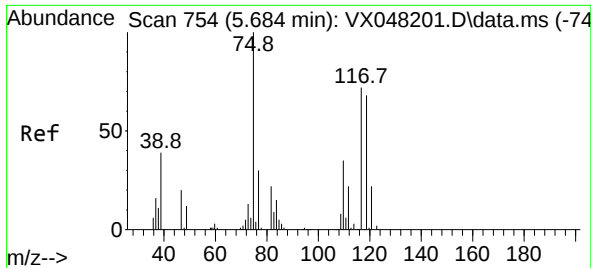
Tgt Ion:114 Resp: 206289
Ion Ratio Lower Upper
114 100
63 20.2 0.0 43.2
88 16.6 0.0 33.6



#35
Dibromofluoromethane
Concen: 49.960 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX048223.D
Acq: 17 Oct 2025 18:58

Tgt Ion:113 Resp: 71528
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.4
192 18.3 15.1 22.7

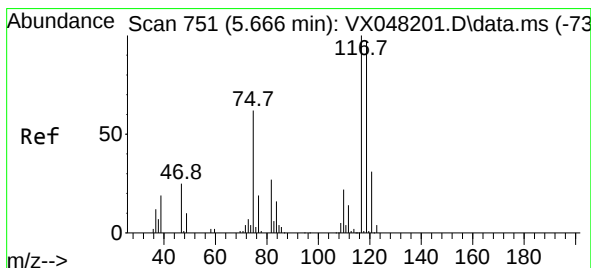
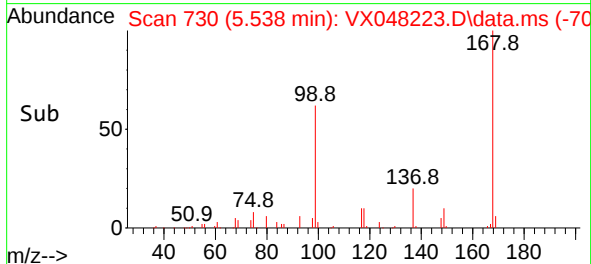
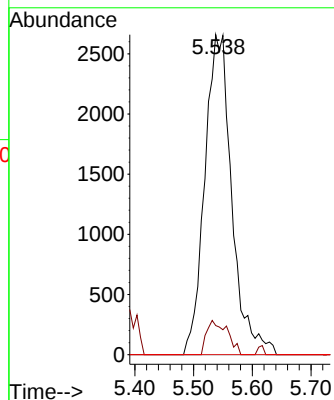
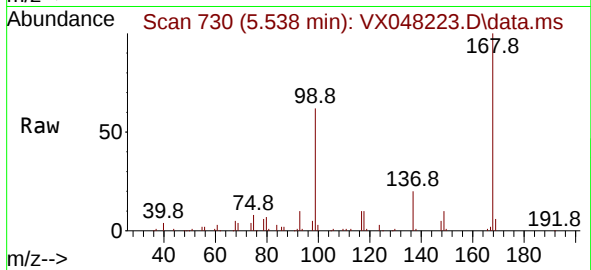




#36
1,1-Dichloropropene
Concen: 4.215 ug/l
RT: 5.538 min Scan# 710
Delta R.T. -0.146 min
Lab File: VX048223.D
Acq: 17 Oct 2025 18:58

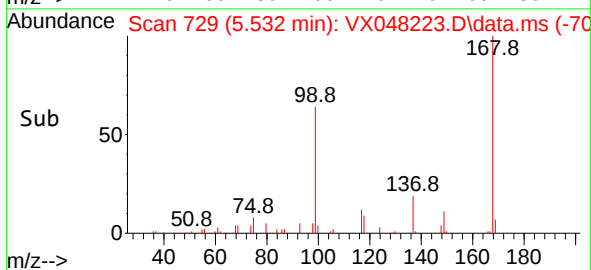
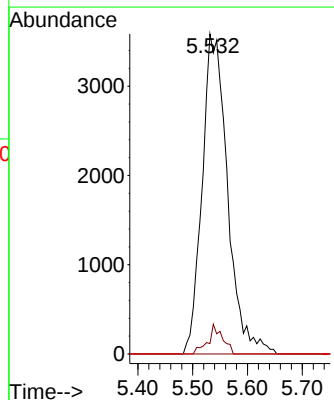
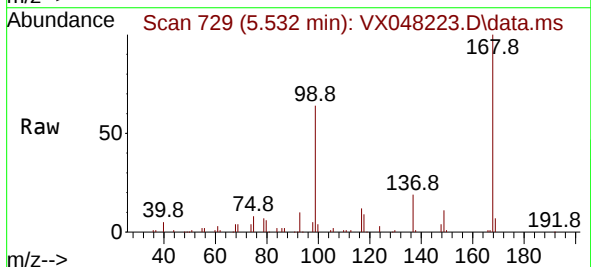
Instrument :
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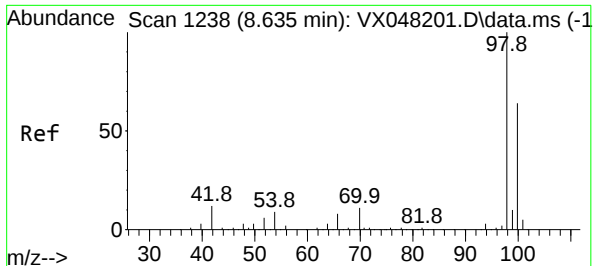
Tgt Ion: 75 Resp: 8500
Ion Ratio Lower Upper
75 100
110 8.2 17.7 53.1#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 4.985 ug/l
RT: 5.532 min Scan# 729
Delta R.T. -0.134 min
Lab File: VX048223.D
Acq: 17 Oct 2025 18:58

Tgt Ion: 117 Resp: 11541
Ion Ratio Lower Upper
117 100
119 3.3 77.2 115.8#
121 0.0 24.8 37.2#

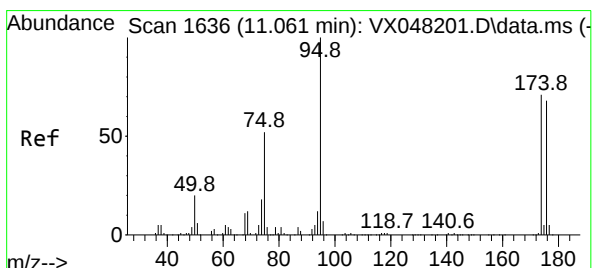
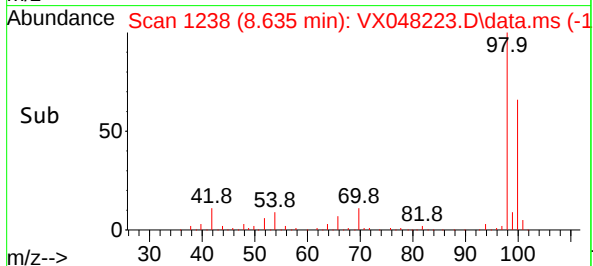
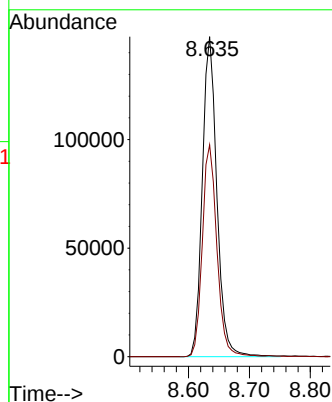
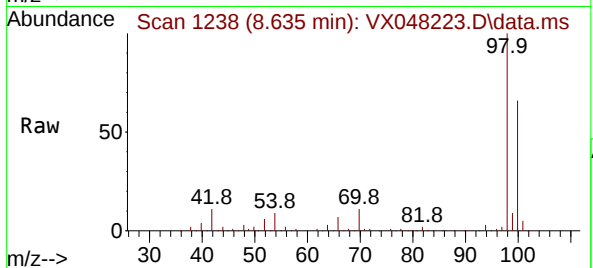




#50
Toluene-d8
Concen: 47.520 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VX048223.D
Acq: 17 Oct 2025 18:58

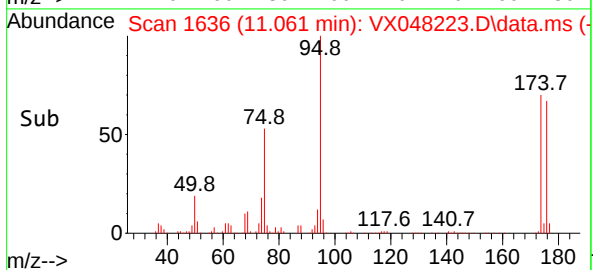
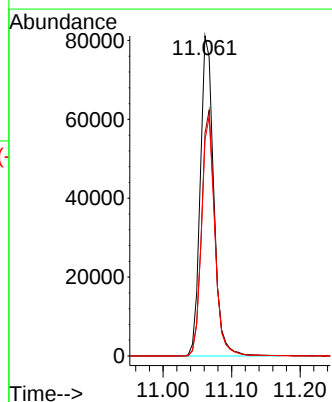
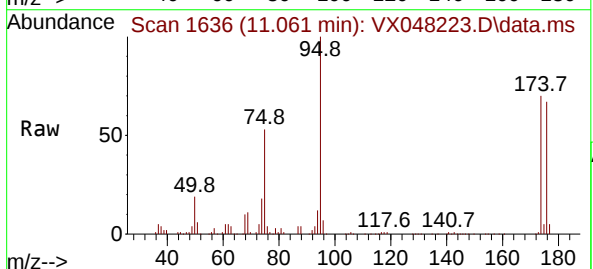
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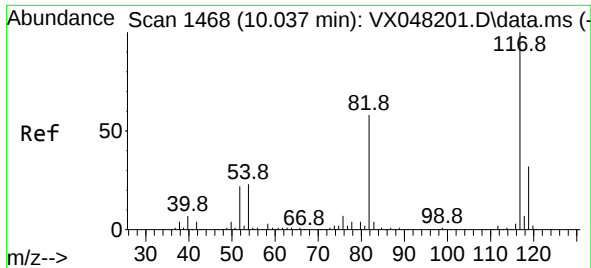
Tgt Ion: 98 Resp: 245100
Ion Ratio Lower Upper
98 100
100 66.2 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 59.041 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048223.D
Acq: 17 Oct 2025 18:58

Tgt Ion: 95 Resp: 110915
Ion Ratio Lower Upper
95 100
174 76.2 0.0 147.8
176 73.7 0.0 142.8

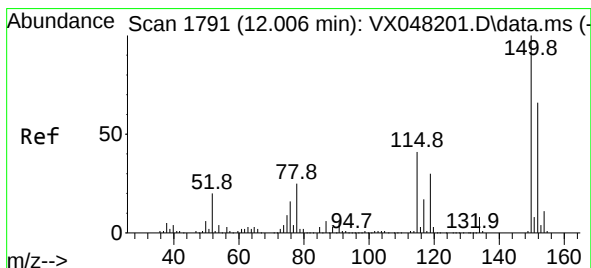
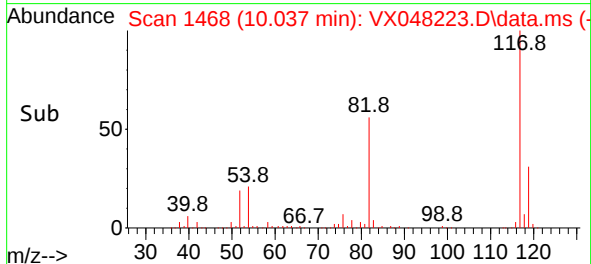
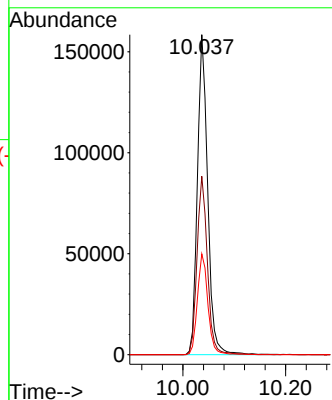
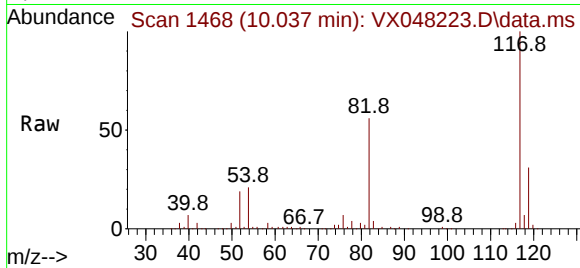




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048223.D
Acq: 17 Oct 2025 18:58

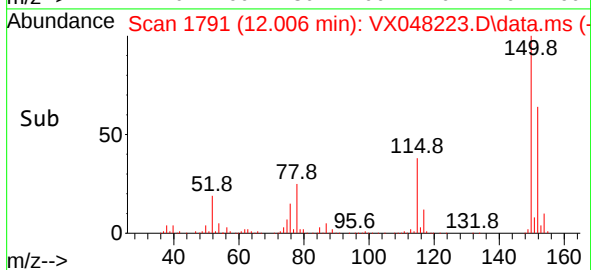
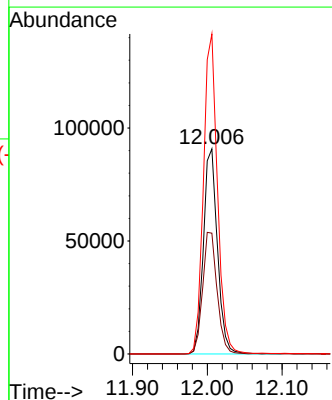
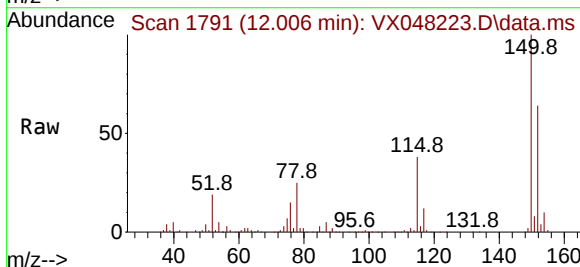
Instrument :
MSVOA_X
ClientSampleId :
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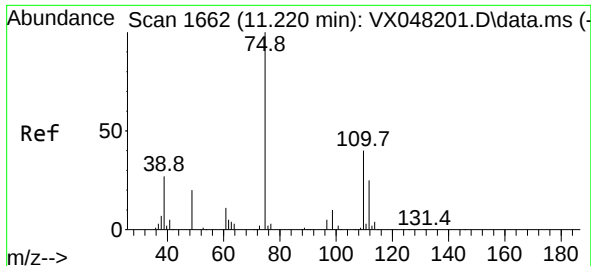
Tgt Ion:117 Resp: 219637
Ion Ratio Lower Upper
117 100
82 55.8 46.5 69.7
119 31.5 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX048223.D
Acq: 17 Oct 2025 18:58

Tgt Ion:152 Resp: 118165
Ion Ratio Lower Upper
152 100
115 61.2 43.1 129.4
150 155.7 0.0 353.0

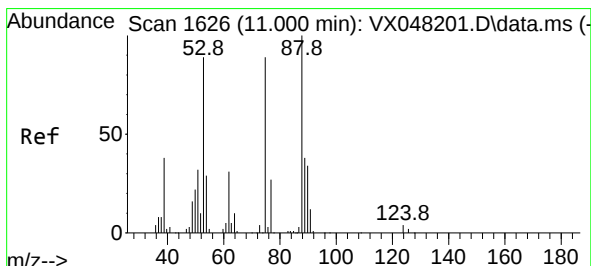
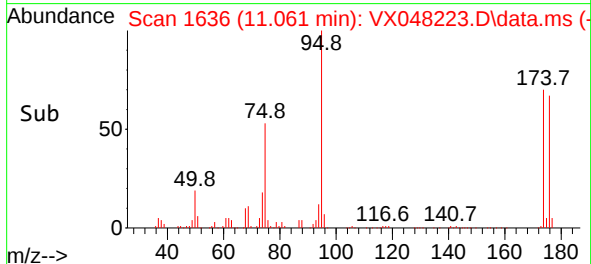
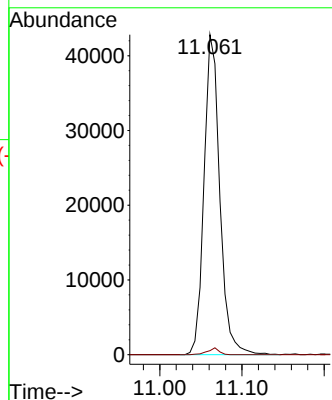
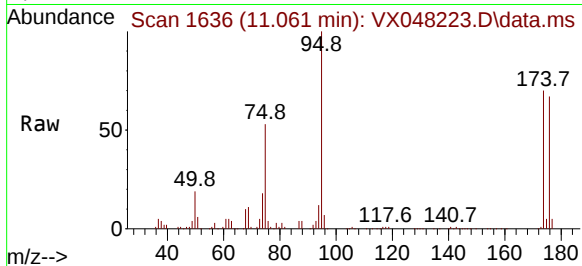




#76
1,2,3-Trichloropropane
Concen: 31.642 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.159 min
Lab File: VX048223.D
Acq: 17 Oct 2025 18:58

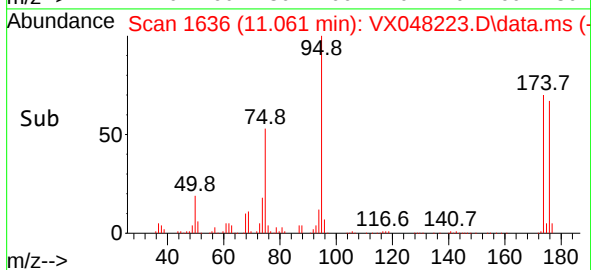
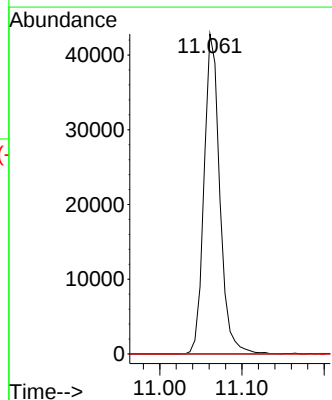
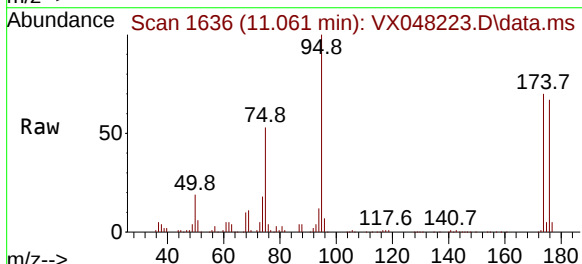
Instrument :
MSVOA_X
ClientSampleId :
IBLK

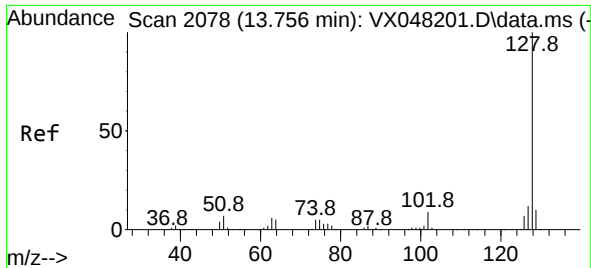
Tgt Ion: 75 Resp: 57095
Ion Ratio Lower Upper
75 100
77 1.5 22.4 67.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.479 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.061 min
Lab File: VX048223.D
Acq: 17 Oct 2025 18:58

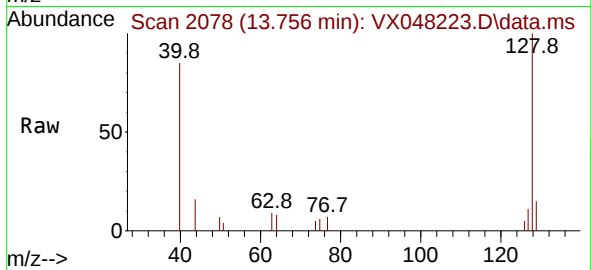
Tgt Ion: 75 Resp: 57095
Ion Ratio Lower Upper
75 100
53 0.0 79.5 119.3#
89 0.0 36.8 55.2#





#95
Naphthalene
Concen: 0.439 ug/l
RT: 13.756 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX048223.D
Acq: 17 Oct 2025 18:58

Instrument :
MSVOA_X
ClientSampleId :
IBLK



Tgt Ion:128 Resp: 2484
Ion Ratio Lower Upper
128 100
127 9.7 10.2 15.4#
129 9.8 8.6 12.8

