

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111225\
 Data File : VX048575.D
 Acq On : 12 Nov 2025 13:41
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Nov 14 00:28:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 08 05:08:11 2025
 Response via : Initial Calibration

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

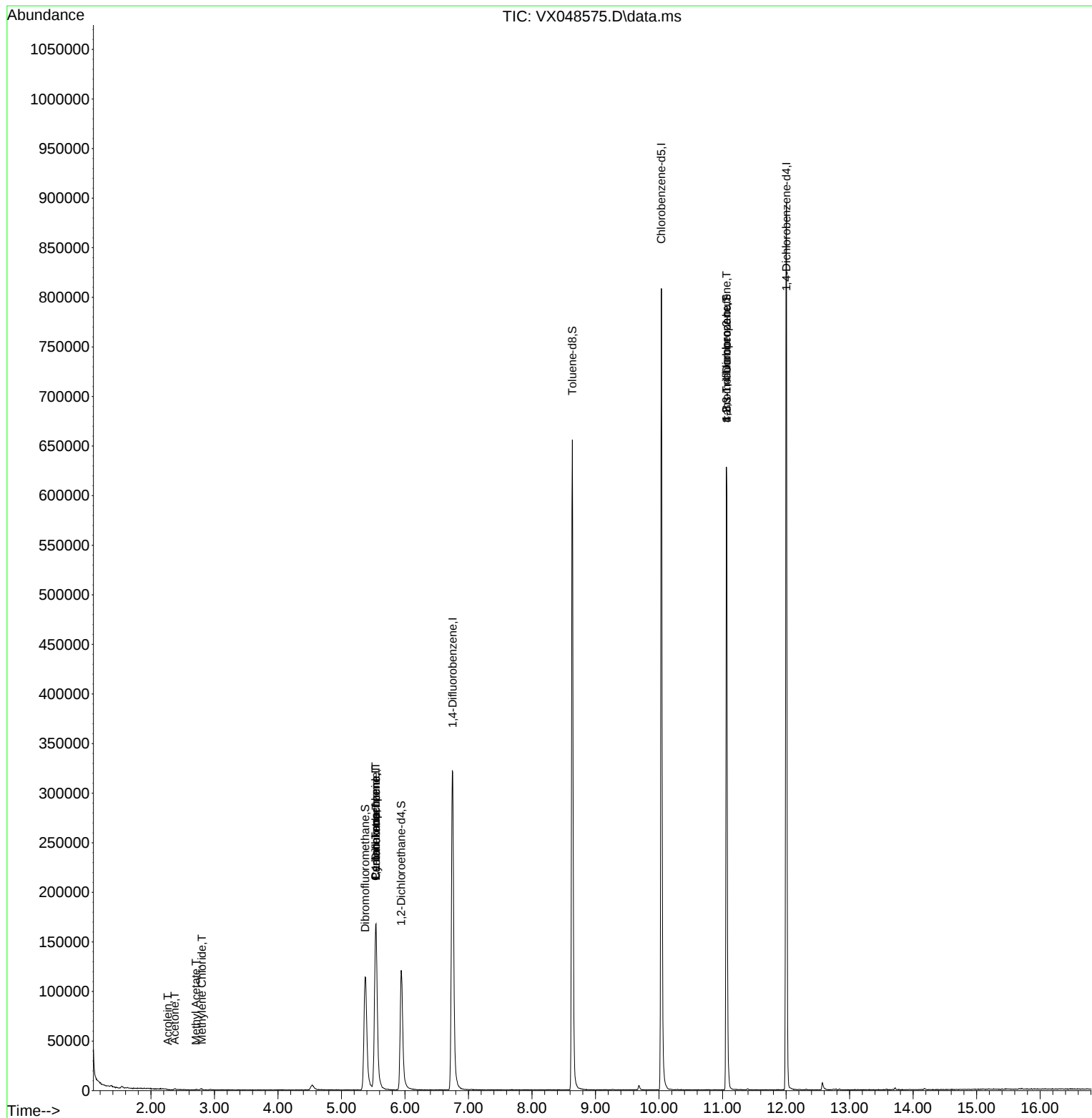
Internal Standards						
1) Pentafluorobenzene	5.544	168	179379	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	380302	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	391838	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	202237	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	129500	51.810	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 103.620%		
35) Dibromofluoromethane	5.373	113	120154	41.744	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 83.480%		
50) Toluene-d8	8.635	98	423635	47.190	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 94.380%		
62) 4-Bromofluorobenzene	11.061	95	184404	55.120	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 110.240%		
Target Compounds						
					Qvalue	
13) Acrolein	2.264	56	23	0.336	ug/l #	15
16) Acetone	2.373	43	1408	1.190	ug/l	96
18) Methyl Acetate	2.709	43	864	0.266	ug/l #	69
20) Methylene Chloride	2.800	84	717	0.295	ug/l #	72
31) Cyclohexane	5.544	56	3372	1.005	ug/l #	1
36) 1,1-Dichloropropene	5.537	75	13399	3.476	ug/l #	49
38) Carbon Tetrachloride	5.537	117	18008	4.104	ug/l #	19
76) 1,2,3-Trichloropropane	11.061	75	89838	18.439	ug/l #	30
81) trans-1,4-Dichloro-2-b...	11.061	75	89838	52.741	ug/l #	12

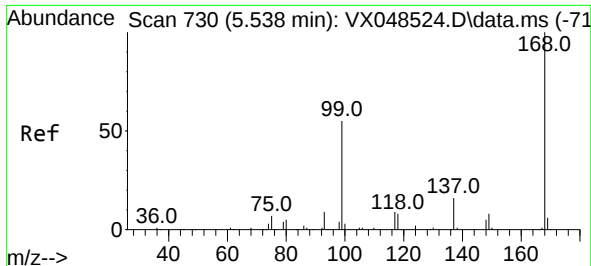
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111225\
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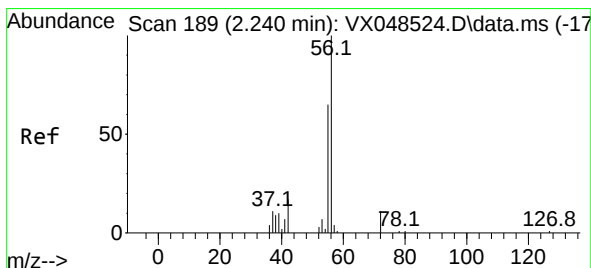
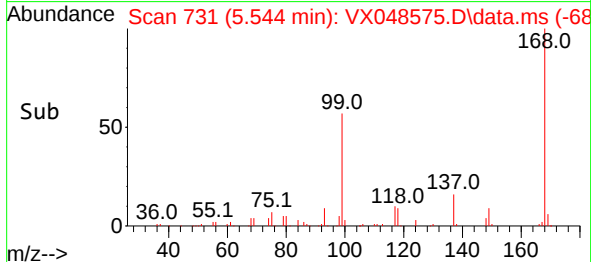
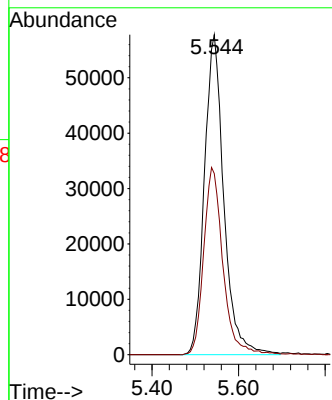
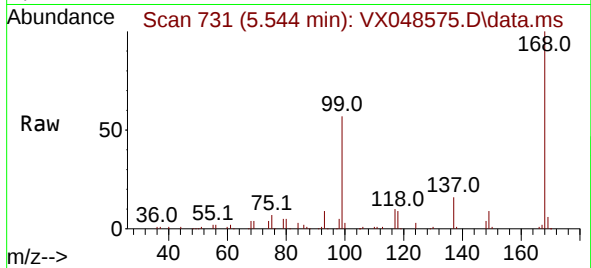




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX048575.D
Acq: 12 Nov 2025 13:41

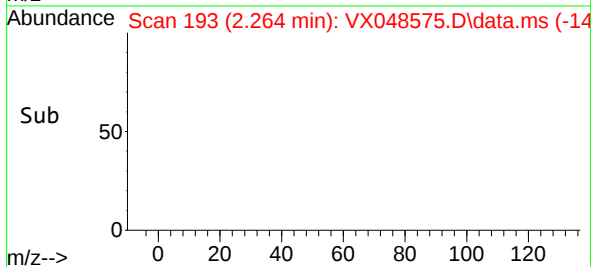
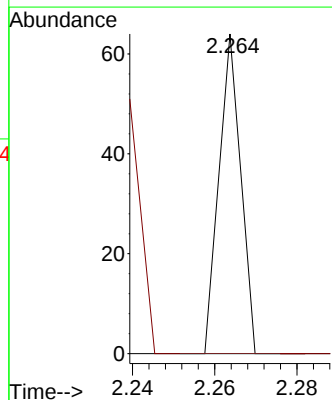
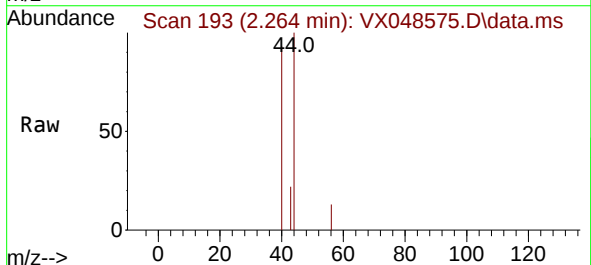
Instrument :
MSVOA_X
ClientSampleId :
IBLK

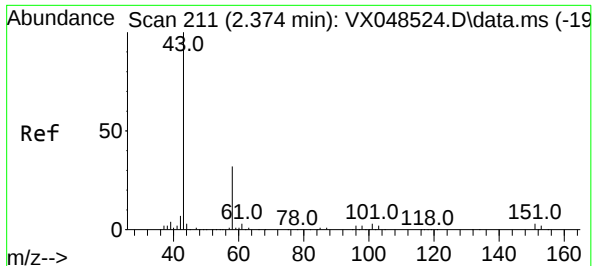
Tgt Ion:168 Resp: 179379
Ion Ratio Lower Upper
168 100
99 56.6 45.2 67.8



#13
Acrolein
Concen: 0.336 ug/l
RT: 2.264 min Scan# 193
Delta R.T. 0.024 min
Lab File: VX048575.D
Acq: 12 Nov 2025 13:41

Tgt Ion: 56 Resp: 23
Ion Ratio Lower Upper
56 100
55 0.0 54.9 82.3#

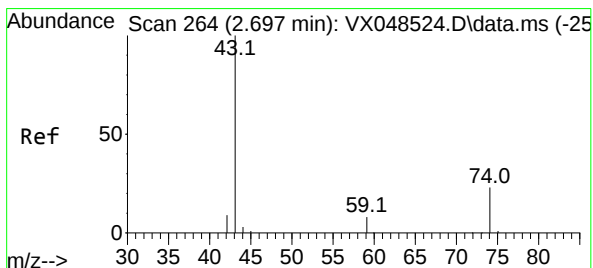
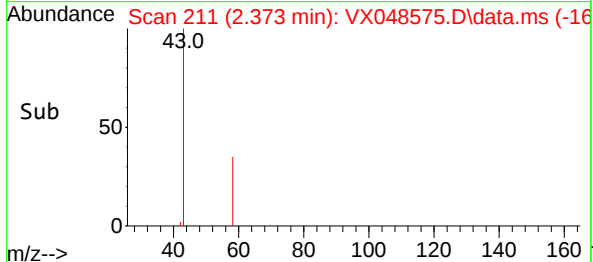
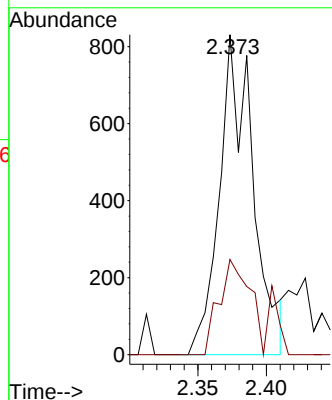
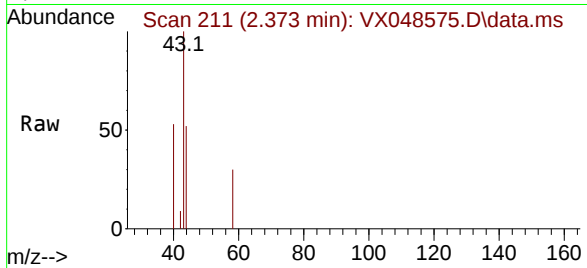




#16
Acetone
Concen: 1.190 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048575.D
Acq: 12 Nov 2025 13:41

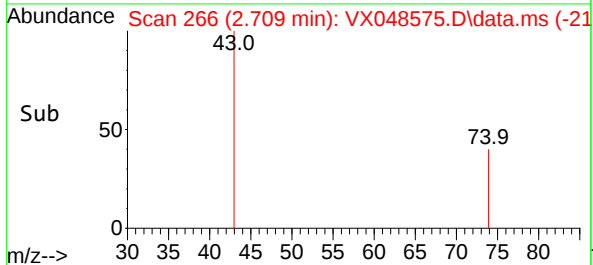
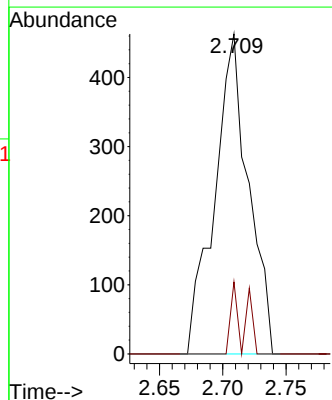
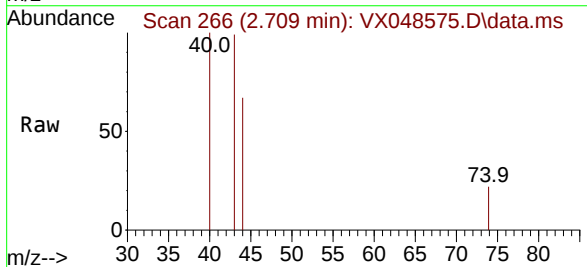
Instrument :
MSVOA_X
ClientSampleId :
IBLK

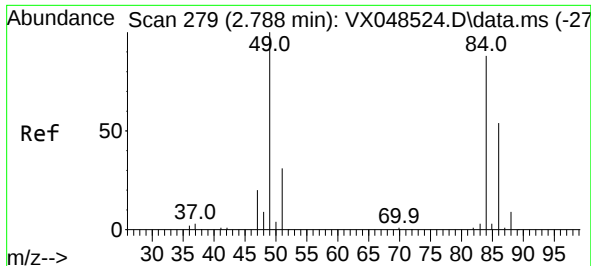
Tgt Ion: 43 Resp: 1408
Ion Ratio Lower Upper
43 100
58 29.7 25.8 38.6



#18
Methyl Acetate
Concen: 0.266 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.012 min
Lab File: VX048575.D
Acq: 12 Nov 2025 13:41

Tgt Ion: 43 Resp: 864
Ion Ratio Lower Upper
43 100
74 8.4 19.1 28.7#

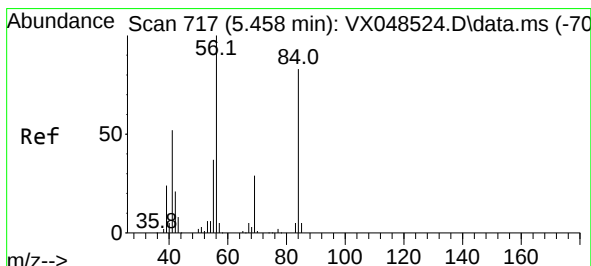
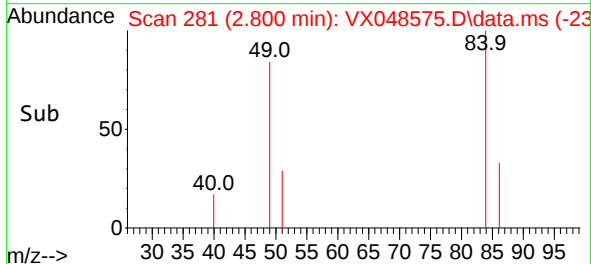
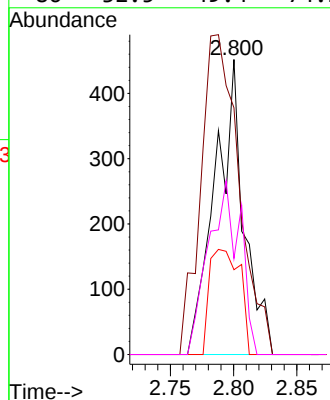
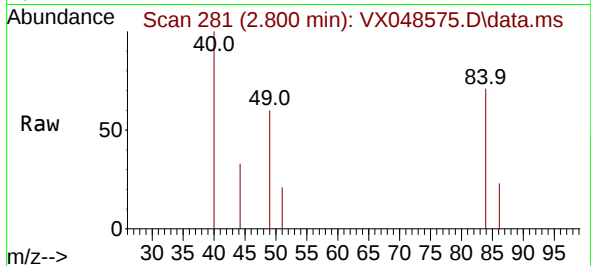




#20
Methylene Chloride
Concen: 0.295 ug/l
RT: 2.800 min Scan# 217
Delta R.T. 0.012 min
Lab File: VX048575.D
Acq: 12 Nov 2025 13:41

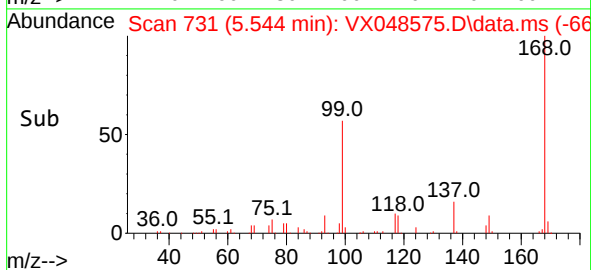
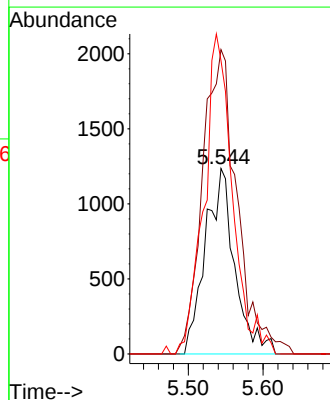
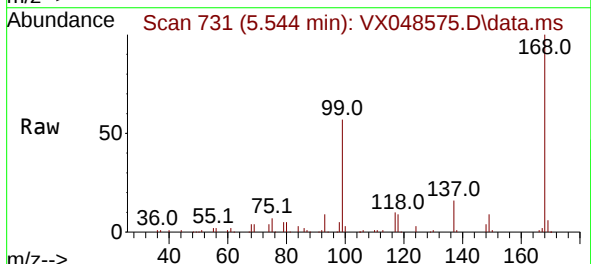
Instrument :
MSVOA_X
ClientSampleId :
IBLK

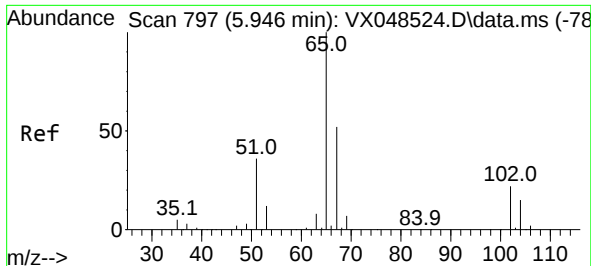
Tgt Ion:	84	Resp:	717
Ion	Ratio	Lower	Upper
84	100		
49	83.6	91.2	136.8#
51	28.8	28.3	42.5
86	32.5	49.4	74.2#



#31
Cyclohexane
Concen: 1.005 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.085 min
Lab File: VX048575.D
Acq: 12 Nov 2025 13:41

Tgt Ion:	56	Resp:	3372
Ion	Ratio	Lower	Upper
56	100		
69	159.8	23.4	35.2#
84	158.2	66.3	99.5#

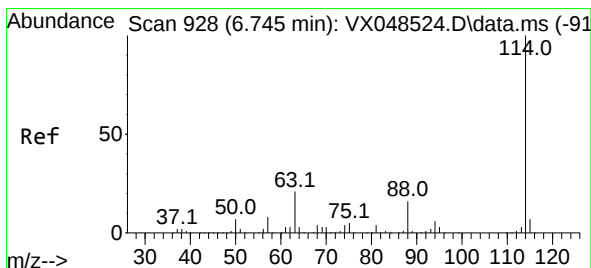
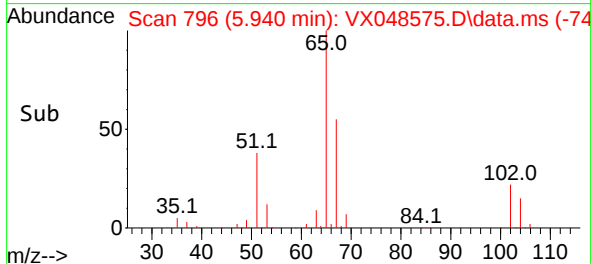
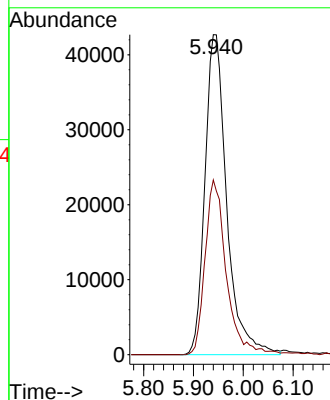
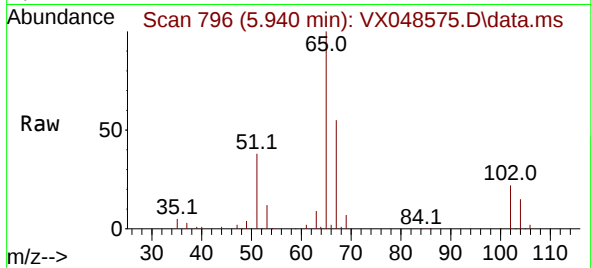




#33
 1,2-Dichloroethane-d4
 Concen: 51.810 ug/l
 RT: 5.940 min Scan# 797
 Delta R.T. -0.006 min
 Lab File: VX048575.D
 Acq: 12 Nov 2025 13:41

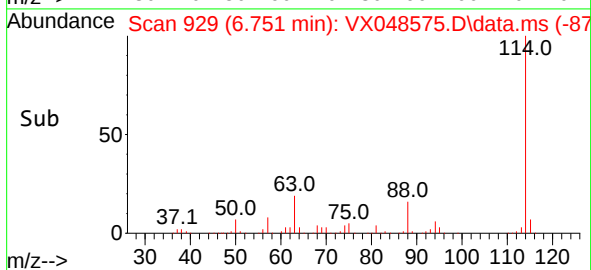
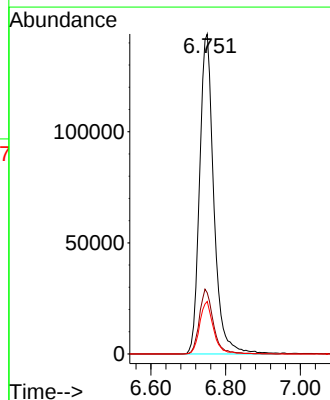
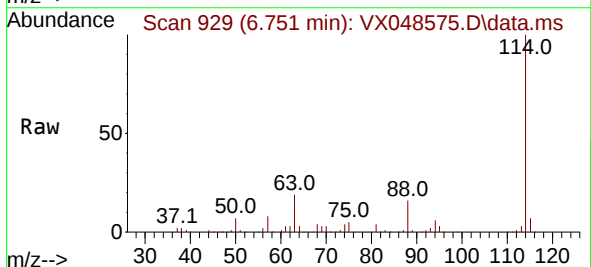
Instrument :
 MSVOA_X
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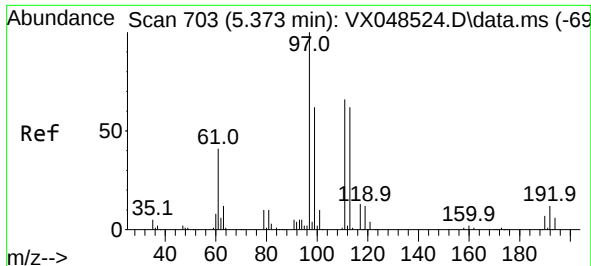
Tgt Ion: 65 Resp: 129500
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.751 min Scan# 929
 Delta R.T. 0.006 min
 Lab File: VX048575.D
 Acq: 12 Nov 2025 13:41

Tgt Ion: 114 Resp: 380302
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 41.2
 88 16.4 0.0 32.2

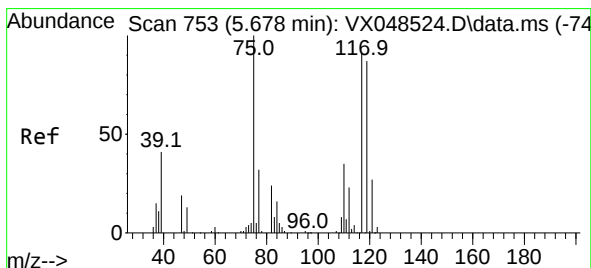
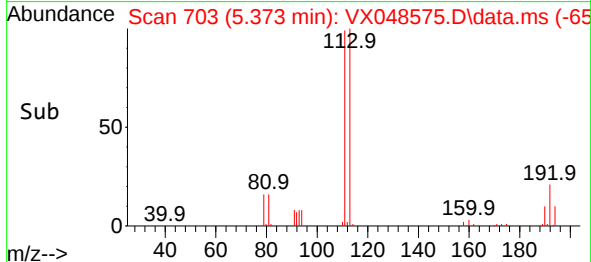
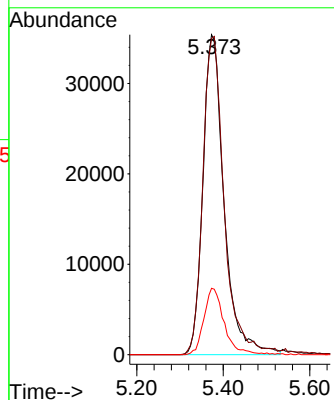
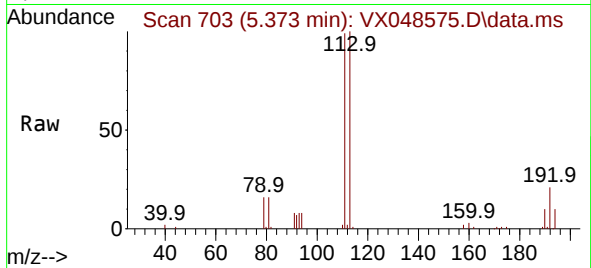




#35
Dibromofluoromethane
Concen: 41.744 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048575.D
Acq: 12 Nov 2025 13:41

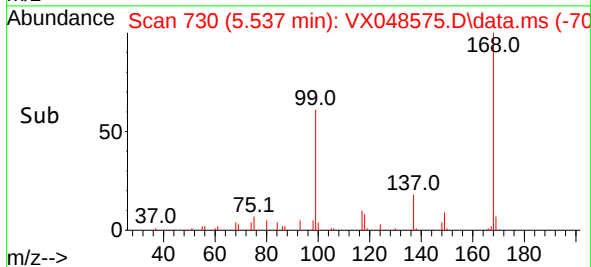
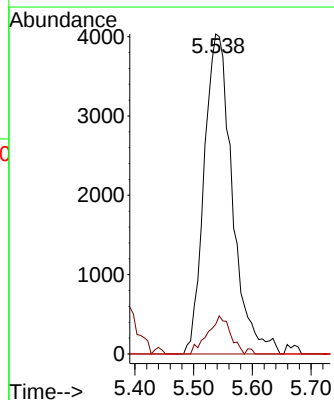
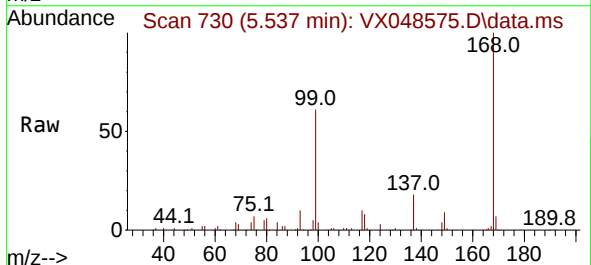
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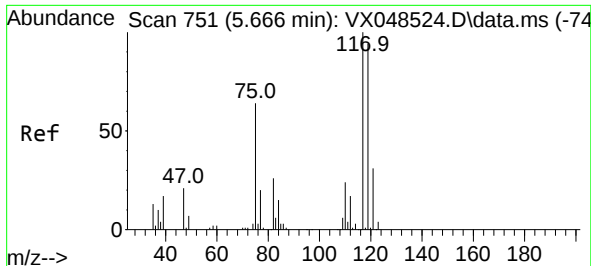
Tgt Ion:113 Resp: 120154
Ion Ratio Lower Upper
113 100
111 100.5 81.9 122.9
192 20.0 15.8 23.6



#36
1,1-Dichloropropene
Concen: 3.476 ug/l
RT: 5.537 min Scan# 730
Delta R.T. -0.140 min
Lab File: VX048575.D
Acq: 12 Nov 2025 13:41

Tgt Ion: 75 Resp: 13399
Ion Ratio Lower Upper
75 100
110 9.5 18.4 55.4#
77 0.0 24.6 37.0#

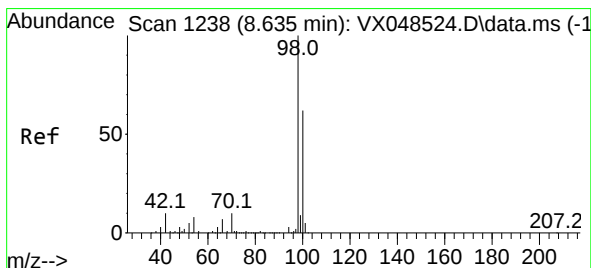
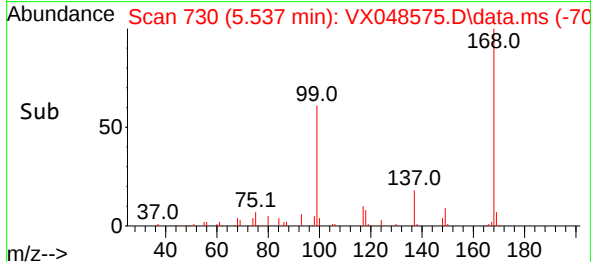
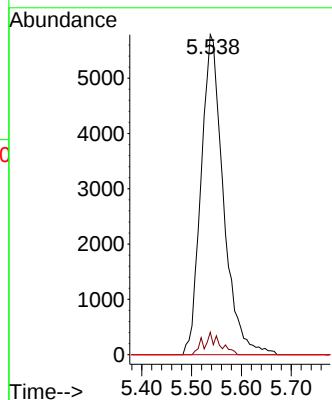
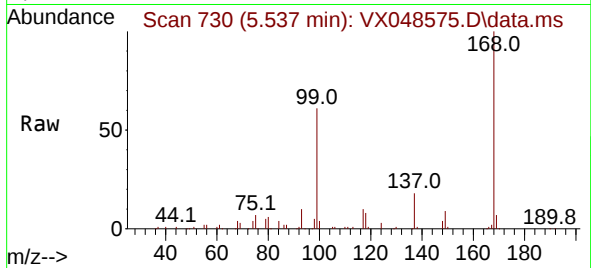




#38
Carbon Tetrachloride
Concen: 4.104 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX048575.D
Acq: 12 Nov 2025 13:41

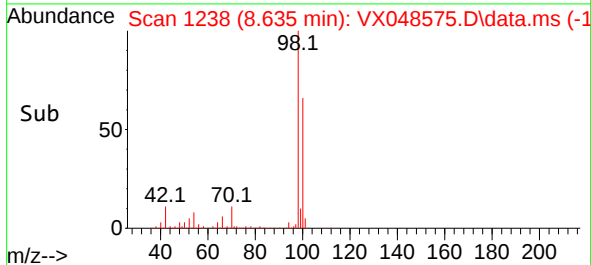
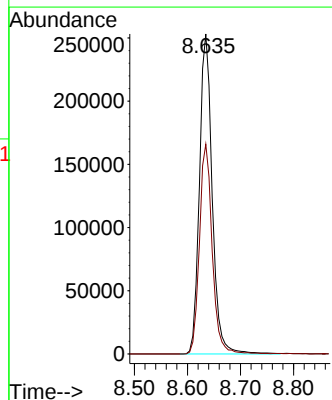
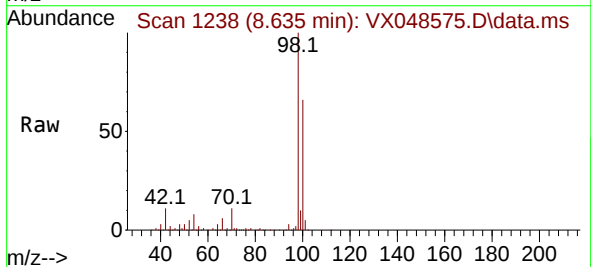
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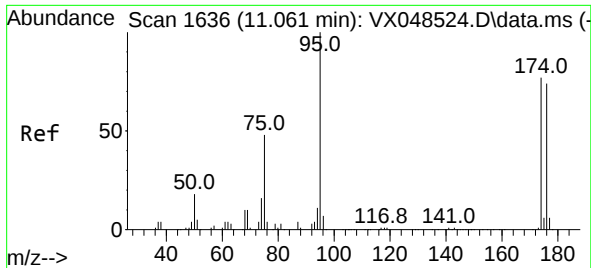
Tgt Ion:117 Resp: 18008
Ion Ratio Lower Upper
117 100
119 7.0 74.5 111.7#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 47.190 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048575.D
Acq: 12 Nov 2025 13:41

Tgt Ion: 98 Resp: 423635
Ion Ratio Lower Upper
98 100
100 65.5 53.6 80.4

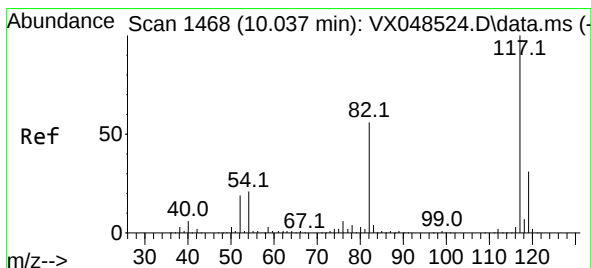
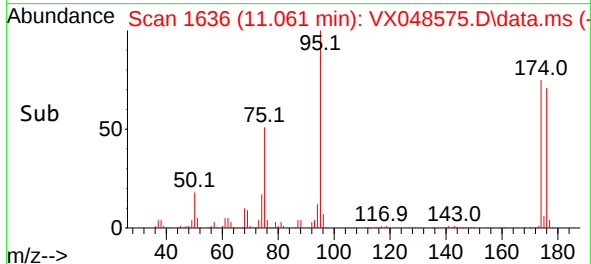
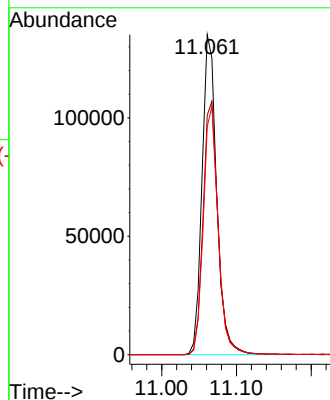
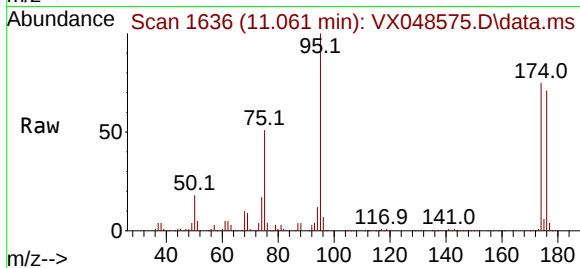




#62
4-Bromofluorobenzene
Concen: 55.120 ug/l
RT: 11.061 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048575.D
Acq: 12 Nov 2025 13:41

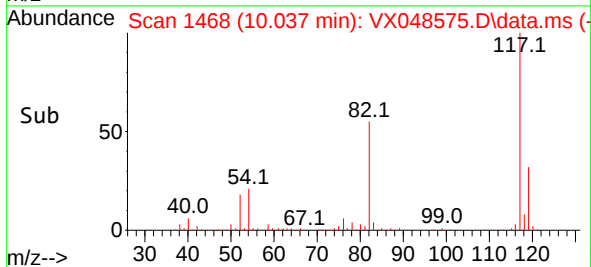
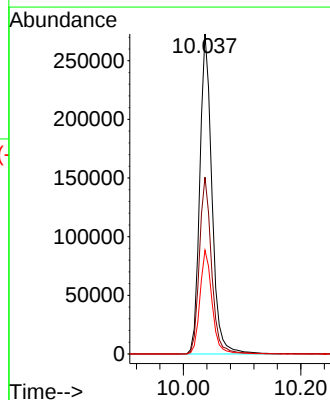
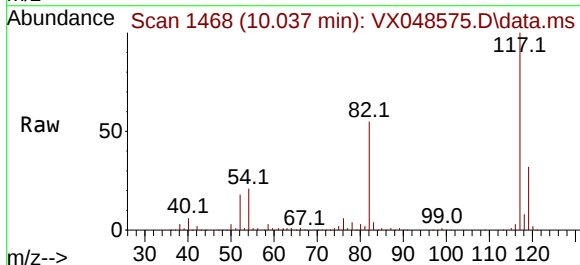
Instrument :
MSVOA_X
ClientSampleId :
IBLK

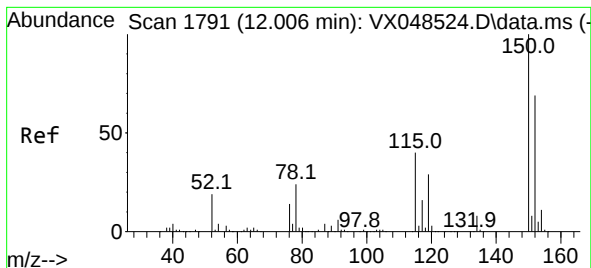
Tgt Ion: 95 Resp: 184404
Ion Ratio Lower Upper
95 100
174 81.6 0.0 161.8
176 78.2 0.0 153.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048575.D
Acq: 12 Nov 2025 13:41

Tgt Ion: 117 Resp: 391838
Ion Ratio Lower Upper
117 100
82 55.3 44.4 66.6
119 32.4 25.1 37.7

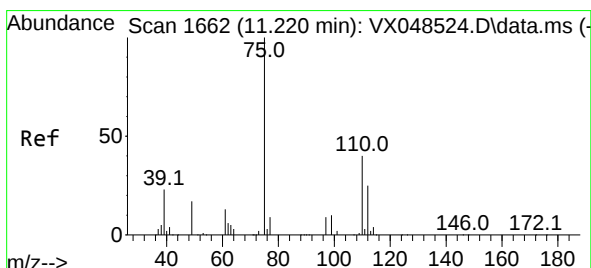
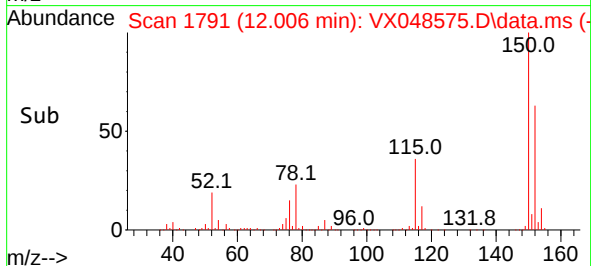
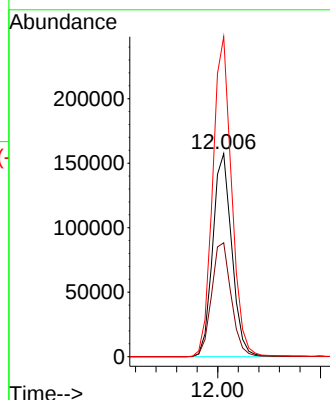
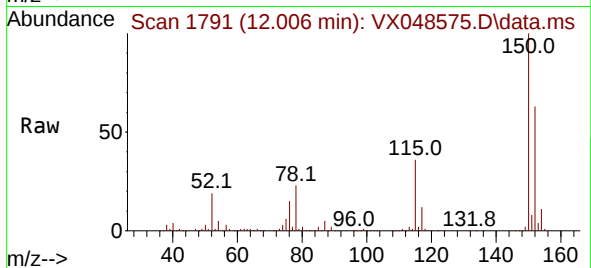




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048575.D
Acq: 12 Nov 2025 13:41

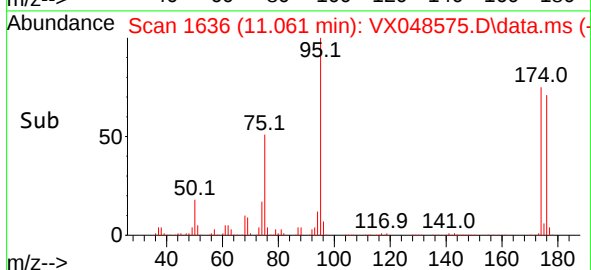
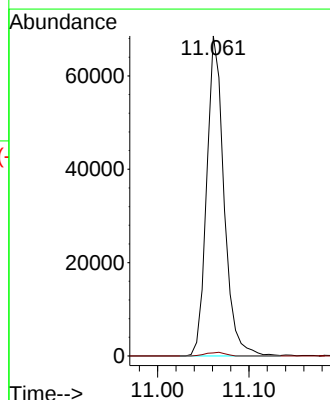
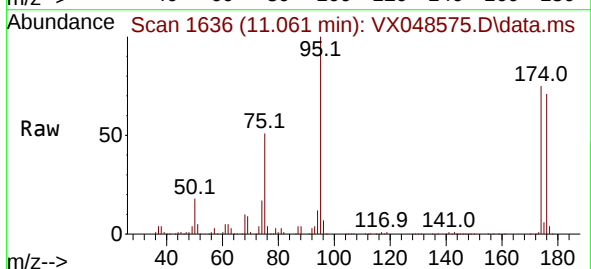
Instrument :
MSVOA_X
ClientSampleId :
IBLK

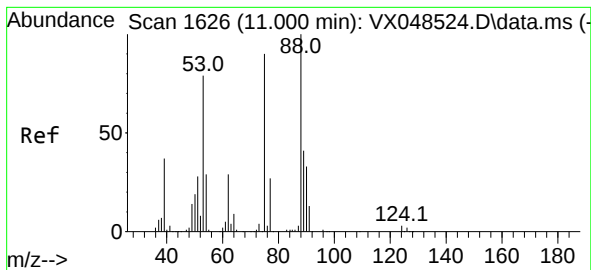
Tgt Ion:152 Resp: 202237
Ion Ratio Lower Upper
152 100
115 58.0 39.2 117.6
150 157.2 0.0 347.0



#76
1,2,3-Trichloropropane
Concen: 18.439 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.159 min
Lab File: VX048575.D
Acq: 12 Nov 2025 13:41

Tgt Ion: 75 Resp: 89838
Ion Ratio Lower Upper
75 100
77 1.2 24.3 72.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 52.741 ug/l
 RT: 11.061 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX048575.D
 Acq: 12 Nov 2025 13:41

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Tgt Ion: 75 Resp: 89838
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.4 108.6#
 89 0.0 43.6 65.4#

