

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121625\
 Data File : VX048904.D
 Acq On : 16 Dec 2025 21:36
 Operator : JC/MD
 Sample : Q3850-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAGEMENT

Quant Time: Dec 17 03:30:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 17 03:22:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.538	168	147193	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	251066	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	209826	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	88666	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	103740	42.164	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	84.320%
35) Dibromofluoromethane	5.367	113	83492	44.741	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.480%
50) Toluene-d8	8.635	98	303488	45.553	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.100%#
62) 4-Bromofluorobenzene	11.061	95	100970	42.213	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	84.420%

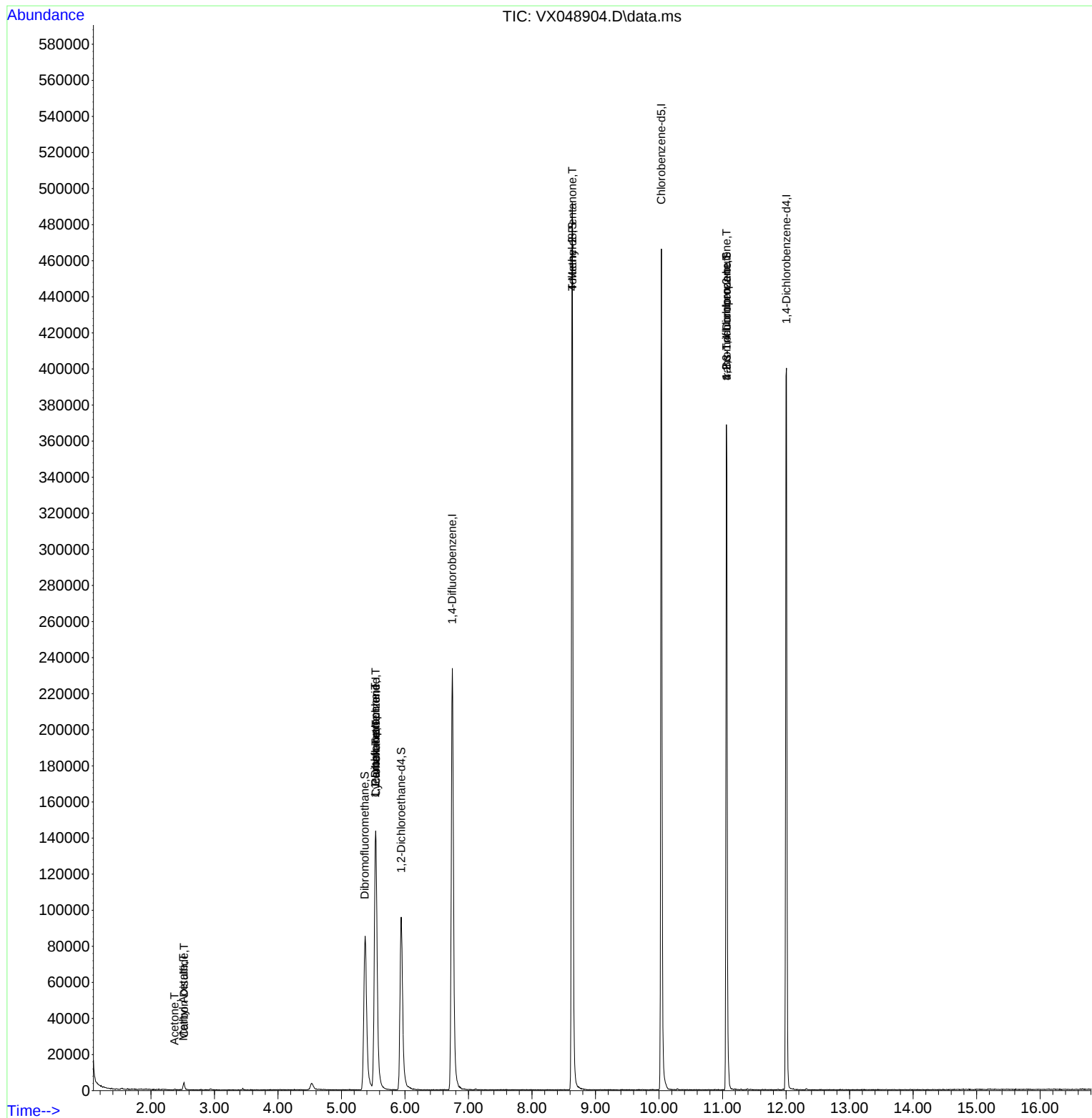
Target Compounds					Qvalue	
16) Acetone	2.367	43	519	1.001	ug/l #	43
17) Carbon Disulfide	2.520	76	1899	0.409	ug/l	98
18) Methyl Acetate	2.508	43	908	0.543	ug/l #	51
31) Cyclohexane	5.544	56	3523	1.275	ug/l #	35
36) 1,1-Dichloropropene	5.532	75	12796	5.464	ug/l #	47
38) Carbon Tetrachloride	5.538	117	15298	5.480	ug/l #	14
51) 4-Methyl-2-Pentanone	8.635	43	1361	0.656	ug/l #	1
76) 1,2,3-Trichloropropane	11.061	75	53968	37.855	ug/l #	30
81) trans-1,4-Dichloro-2-b...	11.061	75	53968	96.143	ug/l #	3

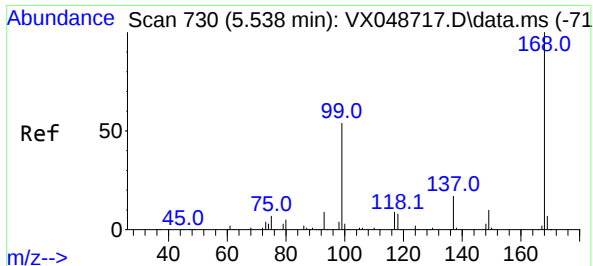
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 17 03:30:43 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121625W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 17 03:22:16 2025
Response via : Initial Calibration

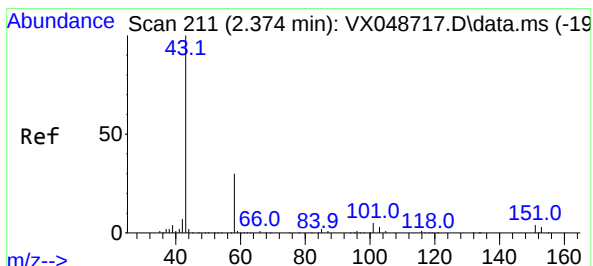
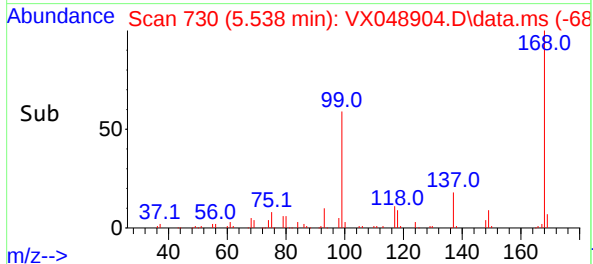
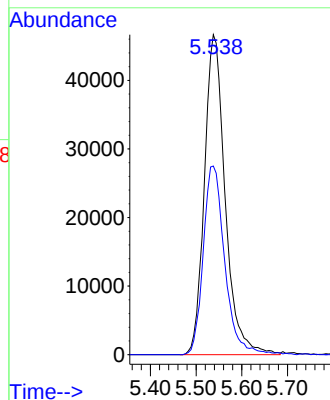
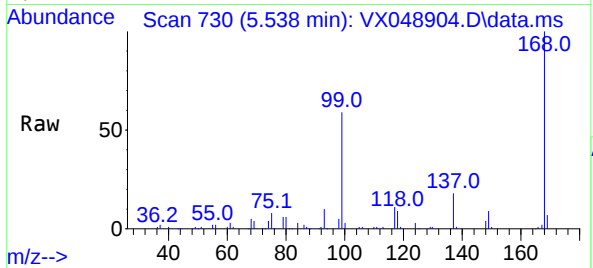




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048904.D
Acq: 16 Dec 2025 21:36

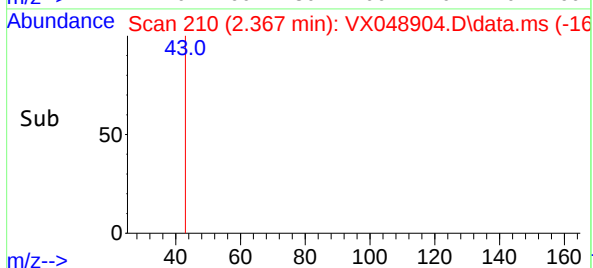
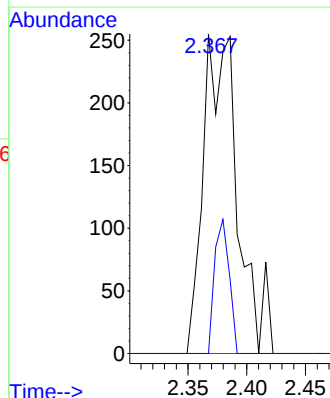
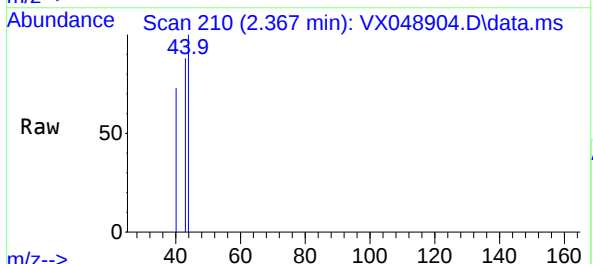
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MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAGEMENT

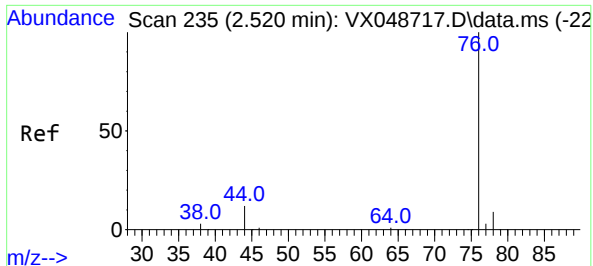
Tgt Ion:168 Resp: 147193
Ion Ratio Lower Upper
168 100
99 59.0 44.2 66.4



#16
Acetone
Concen: 1.001 ug/l
RT: 2.367 min Scan# 210
Delta R.T. -0.006 min
Lab File: VX048904.D
Acq: 16 Dec 2025 21:36

Tgt Ion: 43 Resp: 519
Ion Ratio Lower Upper
43 100
58 0.0 25.0 37.4#

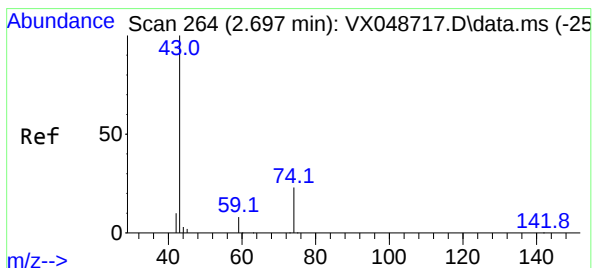
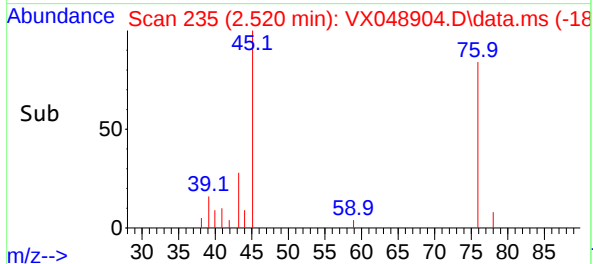
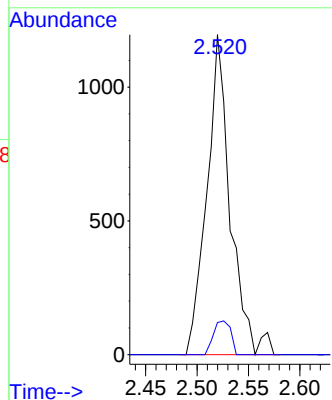
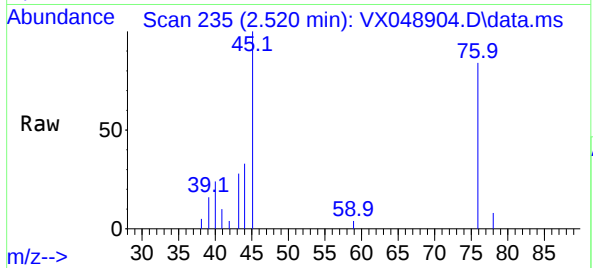




#17
Carbon Disulfide
Concen: 0.409 ug/l
RT: 2.520 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX048904.D
Acq: 16 Dec 2025 21:36

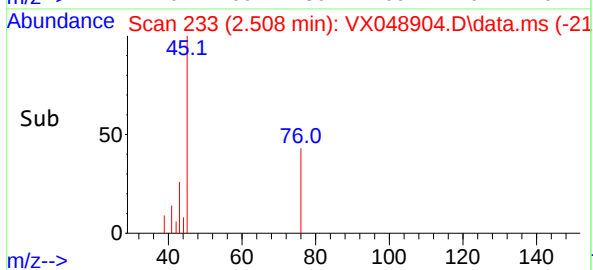
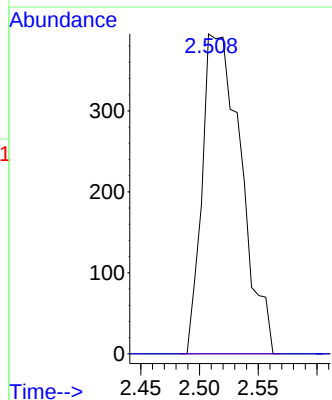
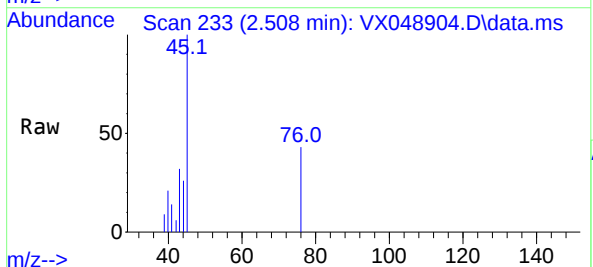
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAGEMENT

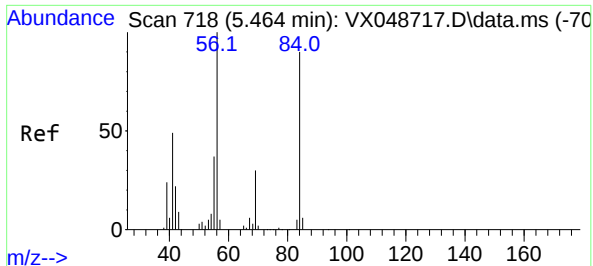
Tgt Ion: 76 Resp: 1899
Ion Ratio Lower Upper
76 100
78 10.0 7.4 11.2



#18
Methyl Acetate
Concen: 0.543 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.189 min
Lab File: VX048904.D
Acq: 16 Dec 2025 21:36

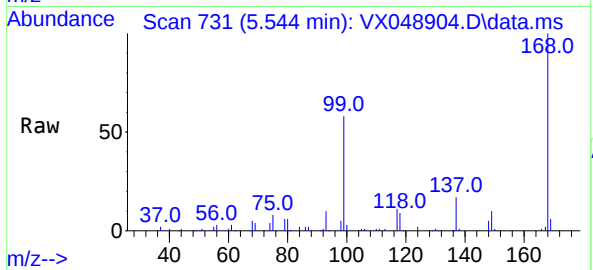
Tgt Ion: 43 Resp: 908
Ion Ratio Lower Upper
43 100
74 0.0 19.2 28.8#



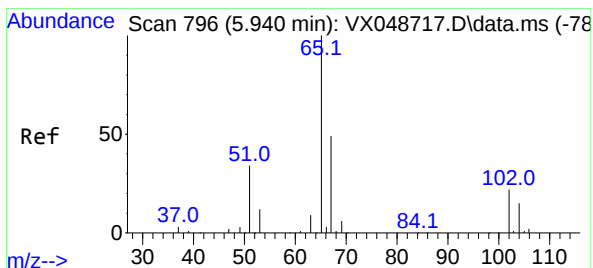
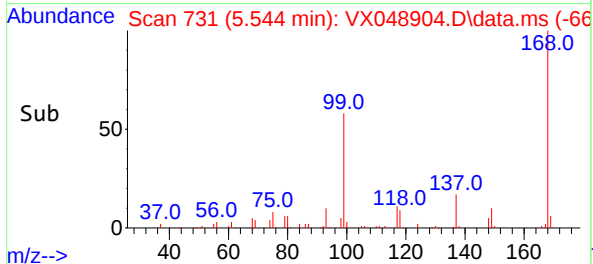
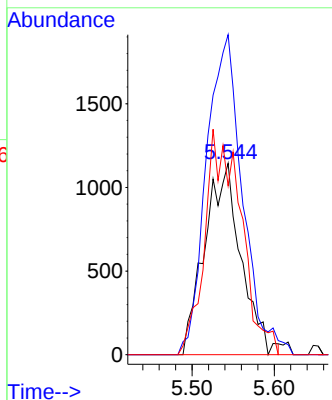


#31
Cyclohexane
Concen: 1.275 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX048904.D
Acq: 16 Dec 2025 21:36

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAGEMENT

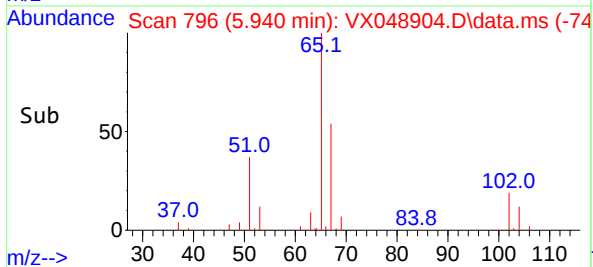
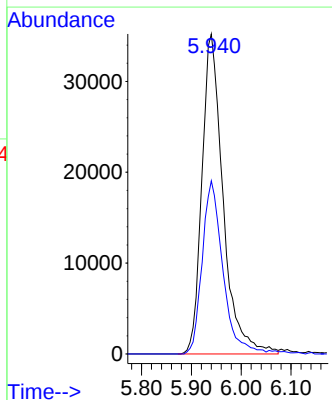
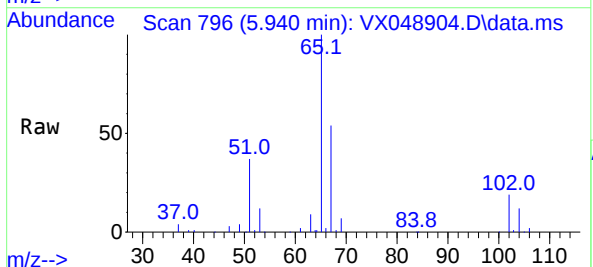


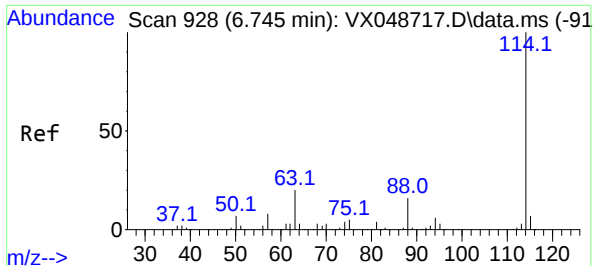
Tgt Ion: 56 Resp: 3523
Ion Ratio Lower Upper
56 100
69 167.2 24.2 36.2#
84 88.3 72.1 108.1



#33
1,2-Dichloroethane-d4
Concen: 42.164 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX048904.D
Acq: 16 Dec 2025 21:36

Tgt Ion: 65 Resp: 103740
Ion Ratio Lower Upper
65 100
67 52.7 0.0 107.4

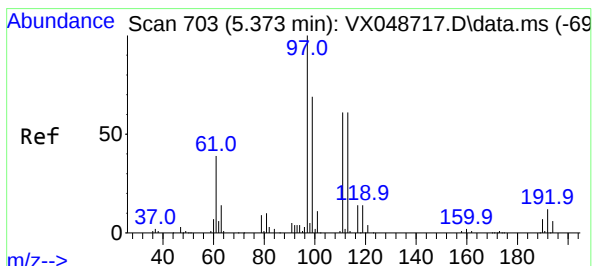
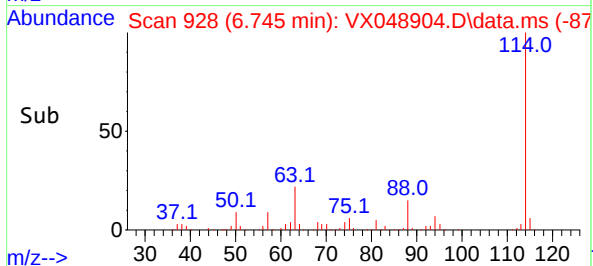
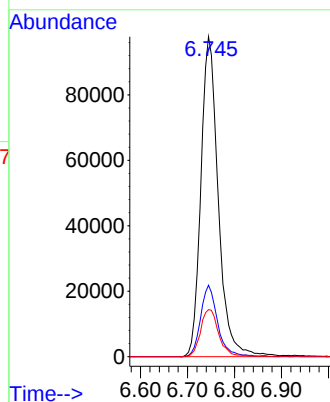
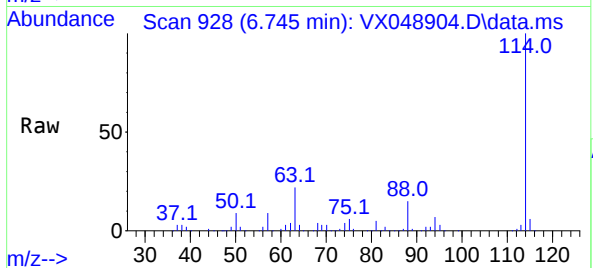




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX048904.D
Acq: 16 Dec 2025 21:36

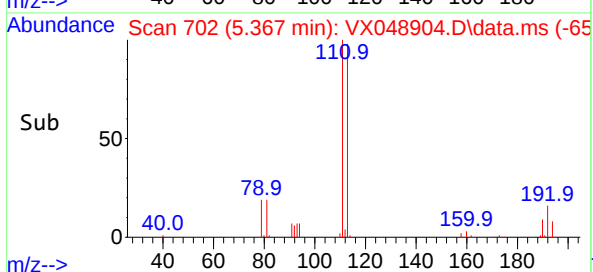
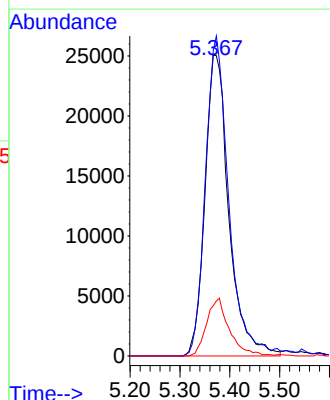
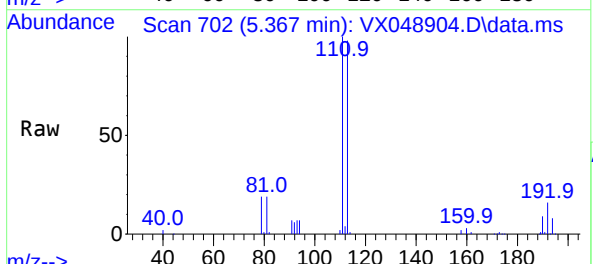
Instrument :
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ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAGEMENT

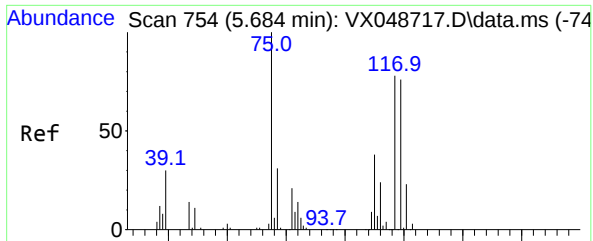
Tgt Ion:114 Resp: 251066
Ion Ratio Lower Upper
114 100
63 22.4 0.0 39.0
88 14.7 0.0 31.8



#35
Dibromofluoromethane
Concen: 44.741 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.000 min
Lab File: VX048904.D
Acq: 16 Dec 2025 21:36

Tgt Ion:113 Resp: 83492
Ion Ratio Lower Upper
113 100
111 103.1 79.5 119.3
192 18.2 16.1 24.1

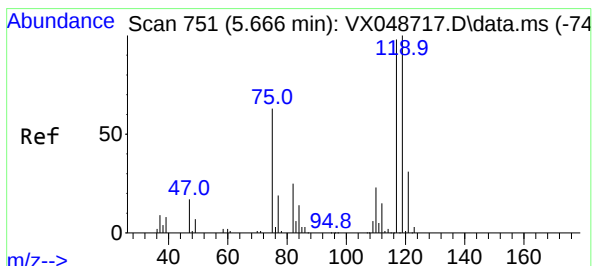
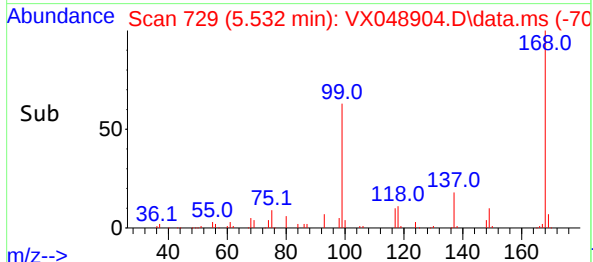
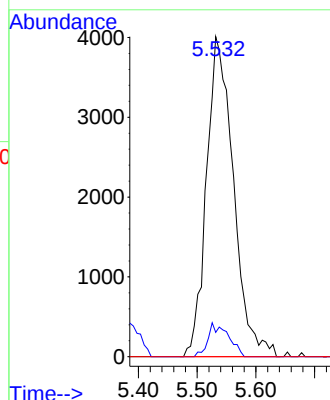
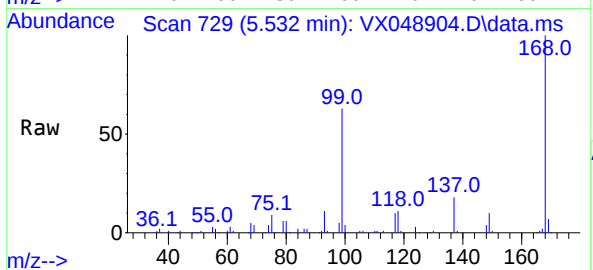




#36
1,1-Dichloropropene
Concen: 5.464 ug/l
RT: 5.532 min Scan# 710
Delta R.T. -0.152 min
Lab File: VX048904.D
Acq: 16 Dec 2025 21:36

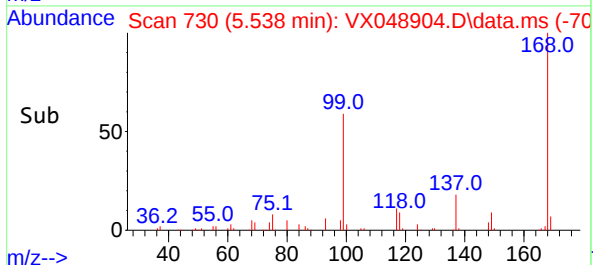
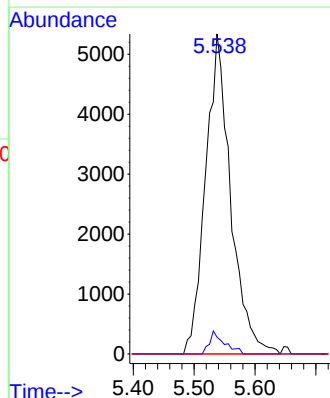
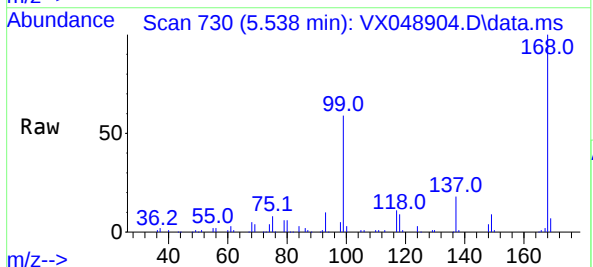
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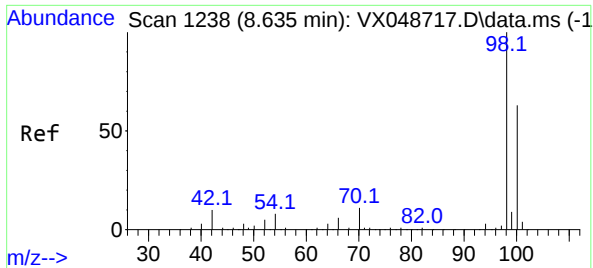
Tgt Ion: 75 Resp: 12796
Ion Ratio Lower Upper
75 100
110 8.0 18.6 55.8#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.480 ug/l
RT: 5.538 min Scan# 730
Delta R.T. -0.128 min
Lab File: VX048904.D
Acq: 16 Dec 2025 21:36

Tgt Ion: 117 Resp: 15298
Ion Ratio Lower Upper
117 100
119 5.2 80.5 120.7#
121 0.0 25.4 38.0#

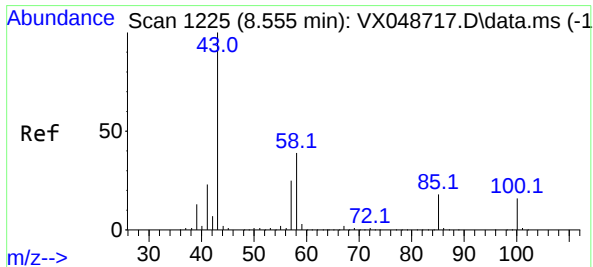
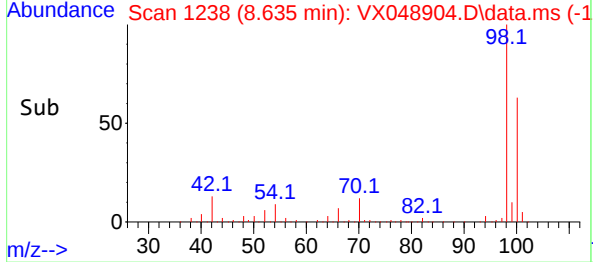
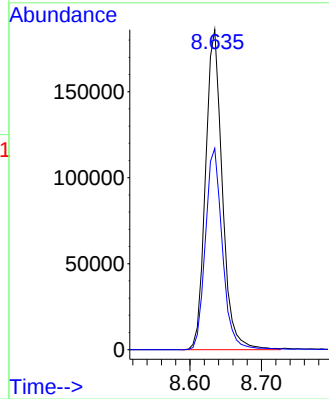
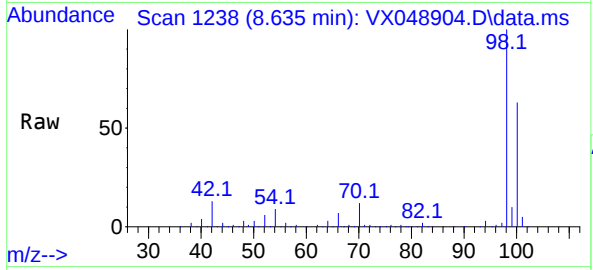




#50
Toluene-d8
Concen: 45.553 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048904.D
Acq: 16 Dec 2025 21:36

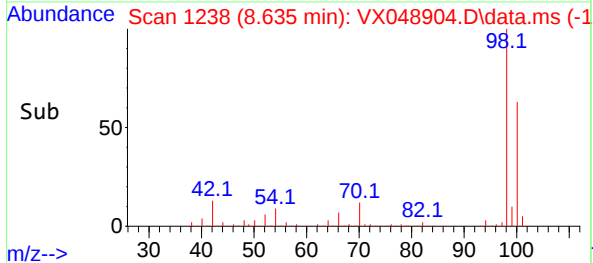
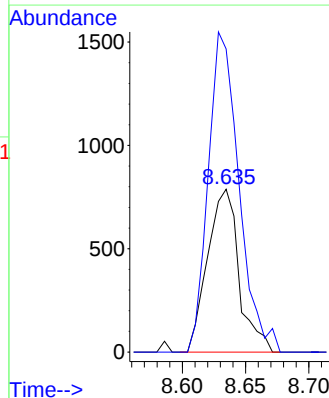
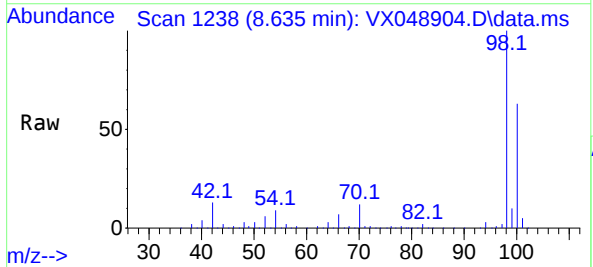
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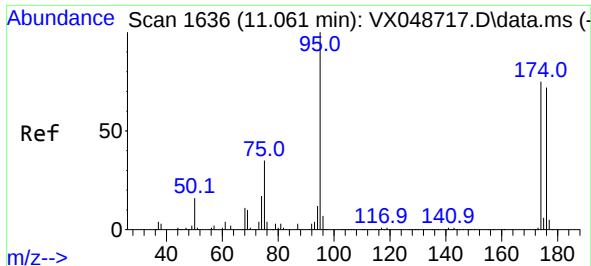
Tgt Ion: 98 Resp: 303488
Ion Ratio Lower Upper
98 100
100 63.8 53.4 80.0



#51
4-Methyl-2-Pentanone
Concen: 0.656 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. 0.079 min
Lab File: VX048904.D
Acq: 16 Dec 2025 21:36

Tgt Ion: 43 Resp: 1361
Ion Ratio Lower Upper
43 100
58 192.3 32.2 48.4#

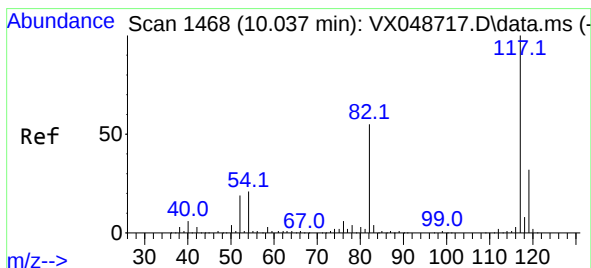
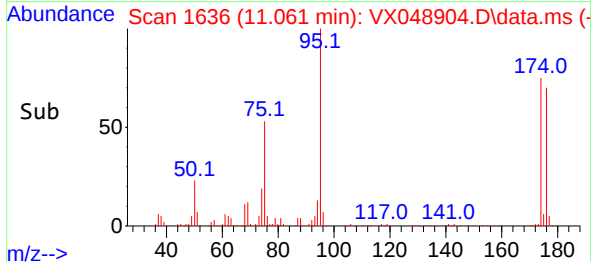
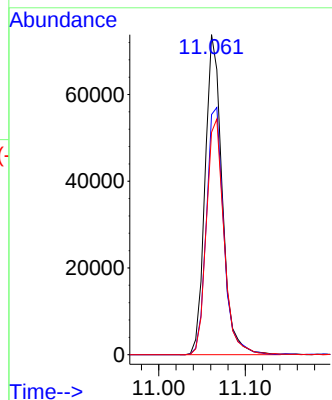
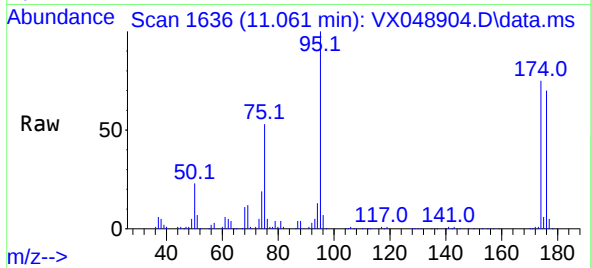




#62
4-Bromofluorobenzene
Concen: 42.213 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048904.D
Acq: 16 Dec 2025 21:36

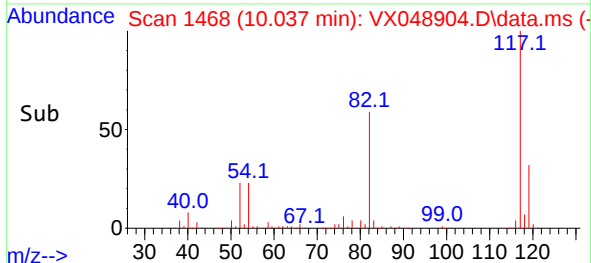
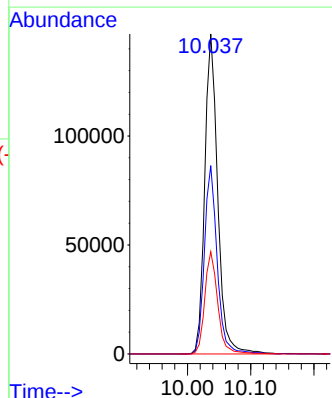
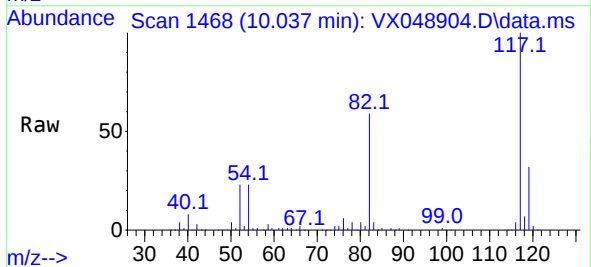
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAGEMENT

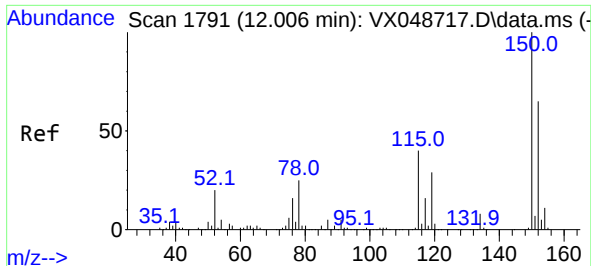
Tgt Ion: 95 Resp: 100970
Ion Ratio Lower Upper
95 100
174 78.8 0.0 157.8
176 75.9 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048904.D
Acq: 16 Dec 2025 21:36

Tgt Ion: 117 Resp: 209826
Ion Ratio Lower Upper
117 100
82 58.9 44.1 66.1
119 31.9 25.2 37.8

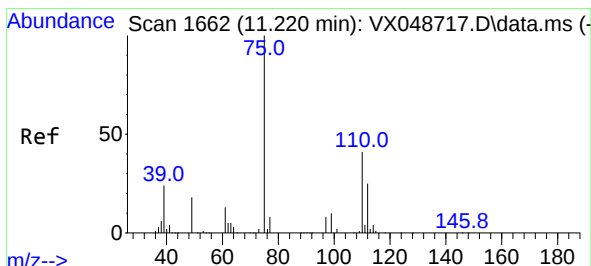
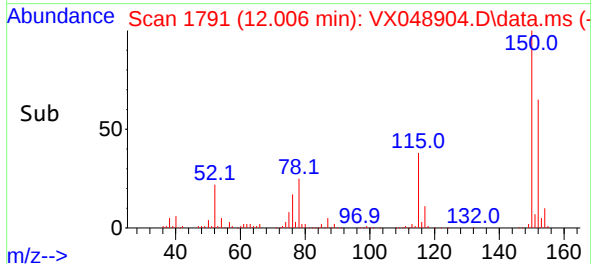
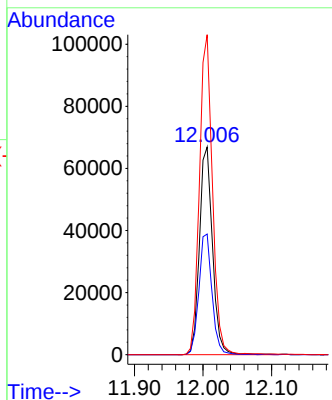
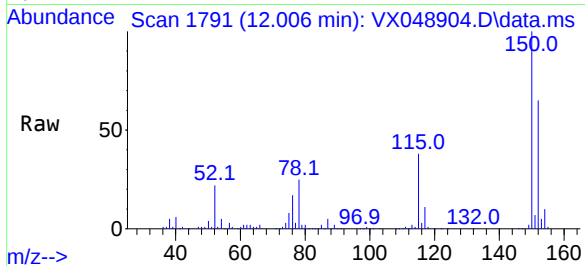




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX048904.D
Acq: 16 Dec 2025 21:36

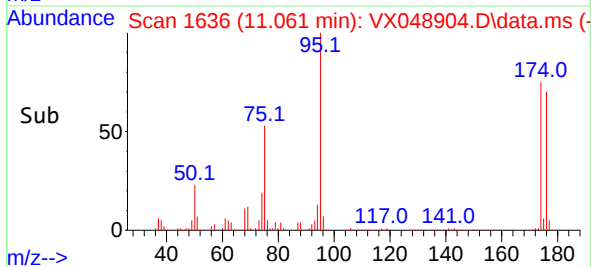
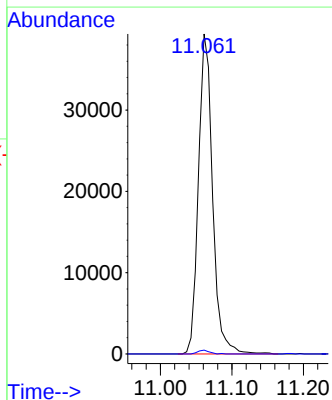
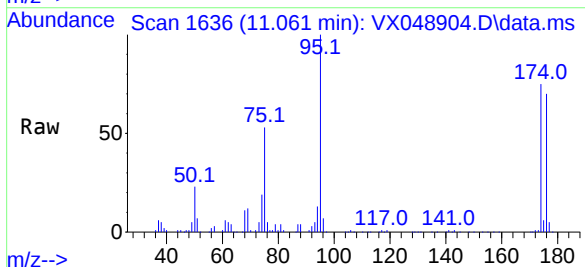
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAGEMENT

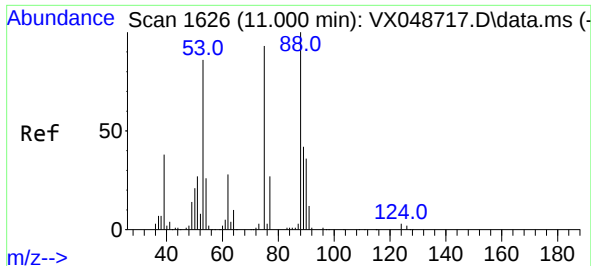
Tgt Ion:	152	Resp:	88666
Ion	Ratio	Lower	Upper
152	100		
115	58.5	42.1	126.4
150	154.2	0.0	347.8



#76
1,2,3-Trichloropropane
Concen: 37.855 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.159 min
Lab File: VX048904.D
Acq: 16 Dec 2025 21:36

Tgt Ion:	75	Resp:	53968
Ion	Ratio	Lower	Upper
75	100		
77	1.0	24.3	73.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 96.143 ug/l
RT: 11.061 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX048904.D
Acq: 16 Dec 2025 21:36

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAGEMENT

Tgt Ion: 75 Resp: 53968
Ion Ratio Lower Upper
75 100
53 0.0 79.9 119.9#
89 0.0 67.1 100.7#

