

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
 Data File : VX048536.D
 Acq On : 10 Nov 2025 14:04
 Operator : JC/MD
 Sample : Q3569-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 11 00:46:34 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)

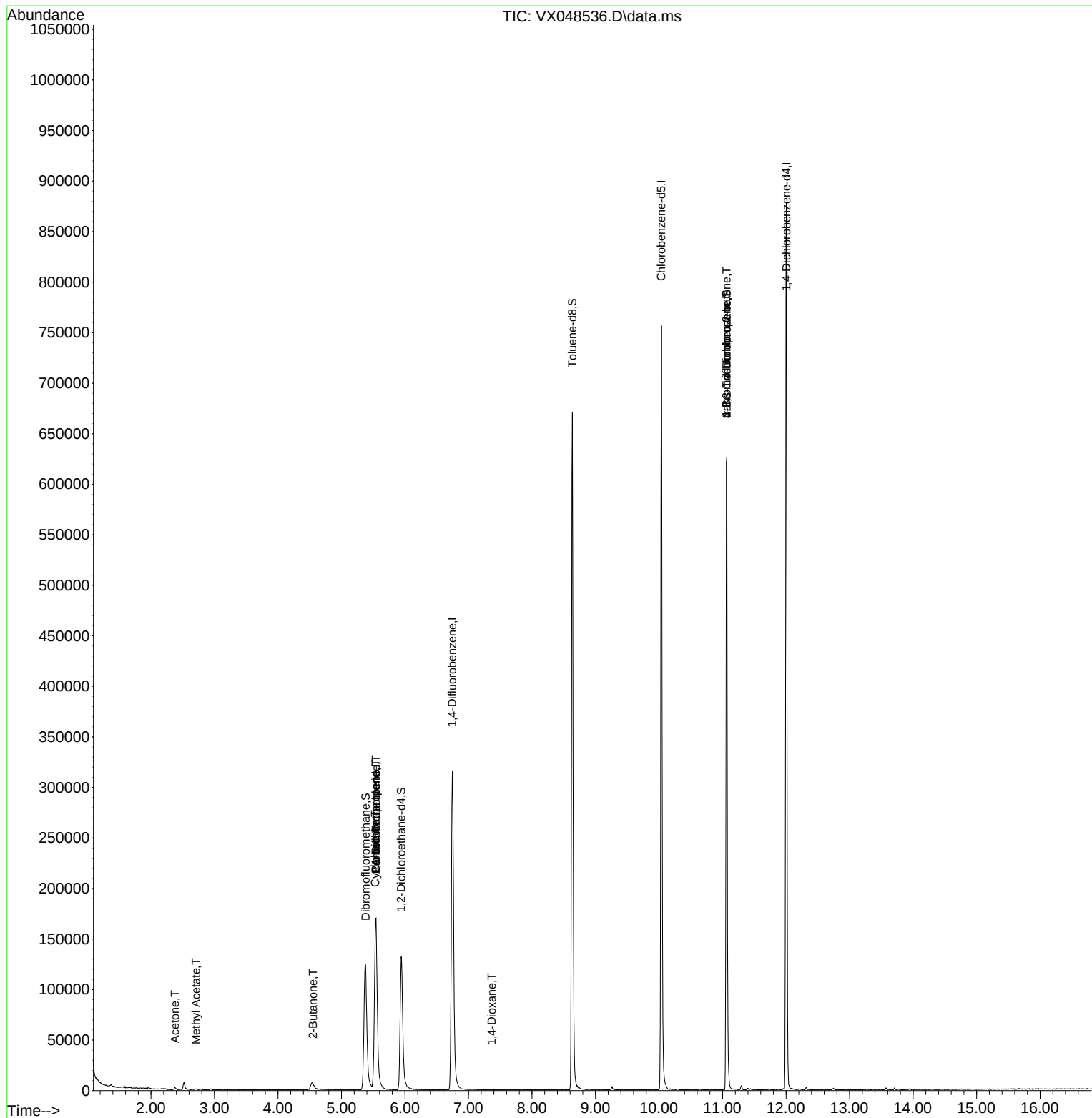
Internal Standards						
1) Pentafluorobenzene	5.544	168	185085	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	364726	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	365529	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	198620	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	141256	54.771	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 109.540%	
35) Dibromofluoromethane	5.379	113	126459	45.811	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 91.620%	
50) Toluene-d8	8.635	98	433013	50.295	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.580%	
62) 4-Bromofluorobenzene	11.061	95	184853	57.614	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 115.220%	
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	2669	2.186	ug/l	96
18) Methyl Acetate	2.709	43	1291	0.385	ug/l #	66
25) 2-Butanone	4.550	43	556	0.308	ug/l #	48
31) Cyclohexane	5.531	56	3392	0.979	ug/l #	1
36) 1,1-Dichloropropene	5.538	75	13939	3.771	ug/l #	43
38) Carbon Tetrachloride	5.544	117	17780	4.226	ug/l #	18
49) 1,4-Dioxane	7.367	88	30	0.606	ug/l #	23
76) 1,2,3-Trichloropropane	11.061	75	91681	19.160	ug/l #	30
81) trans-1,4-Dichloro-2-b...	11.061	75	91681	54.803	ug/l #	12

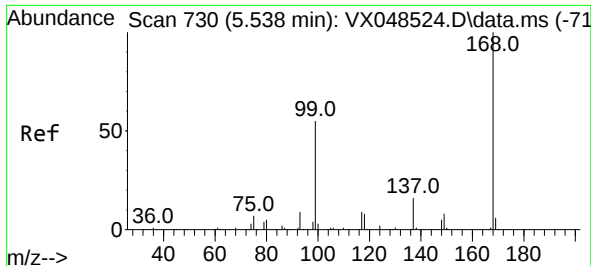
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
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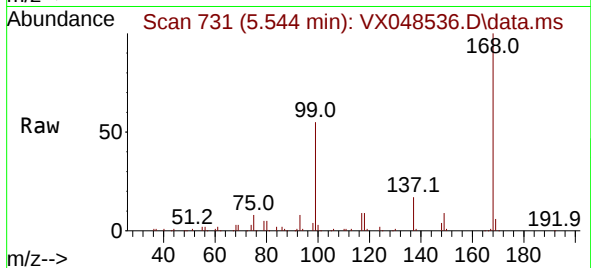
Quant Time: Nov 11 00:46:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:08:11 2025
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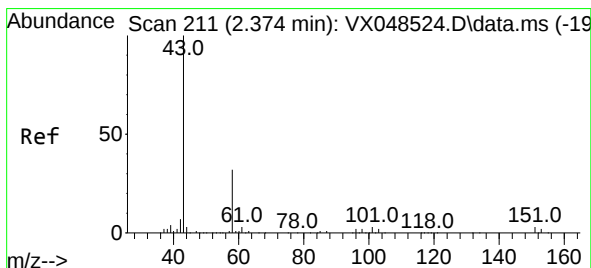
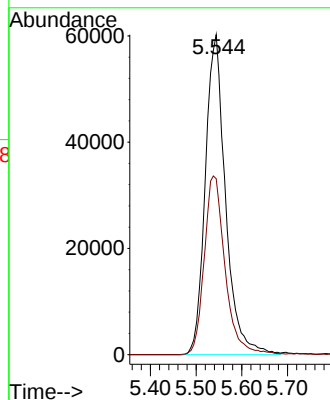
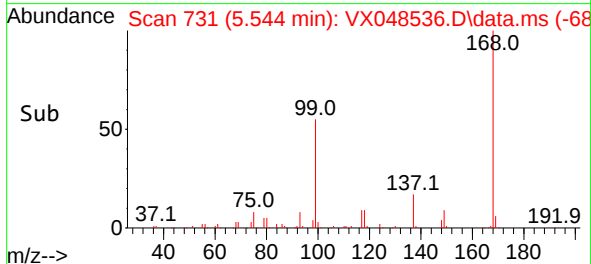


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX048536.D
Acq: 10 Nov 2025 14:04

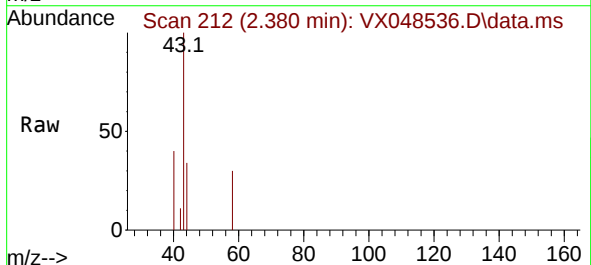
Instrument :
MSVOA_X
ClientSampleId :



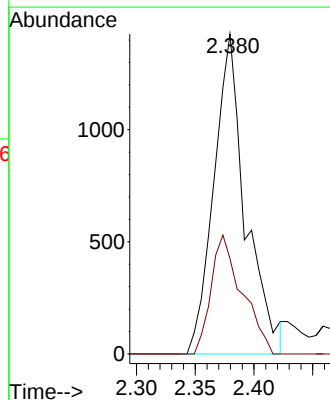
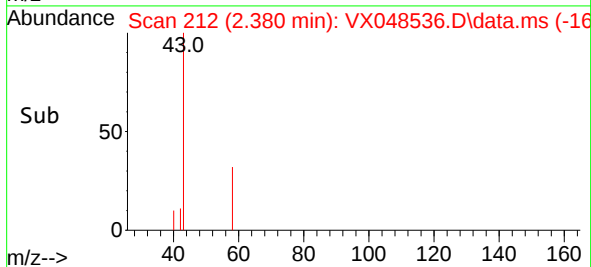
Tgt Ion:168 Resp: 185085
Ion Ratio Lower Upper
168 100
99 55.0 45.2 67.8

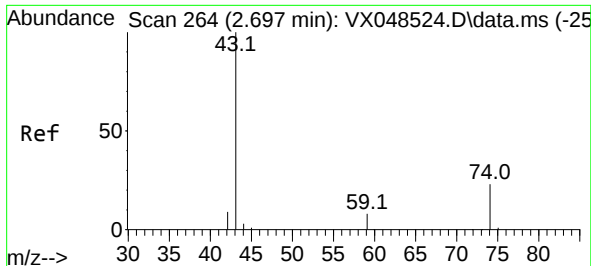


#16
Acetone
Concen: 2.186 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048536.D
Acq: 10 Nov 2025 14:04



Tgt Ion: 43 Resp: 2669
Ion Ratio Lower Upper
43 100
58 29.9 25.8 38.6

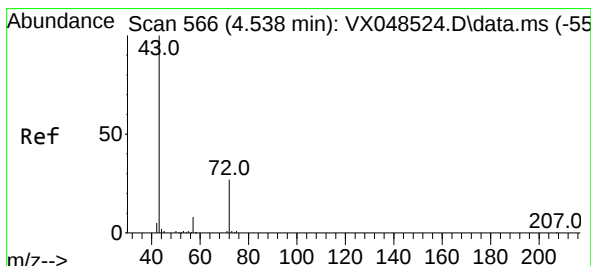
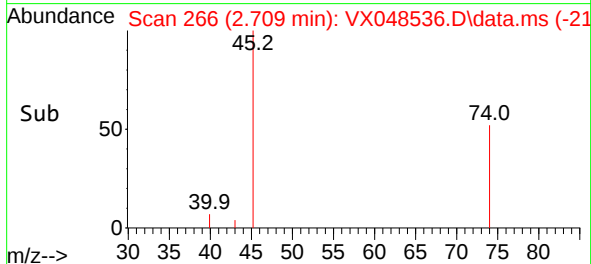
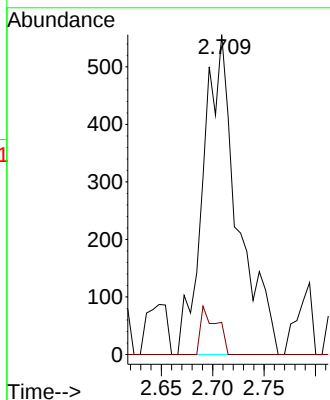
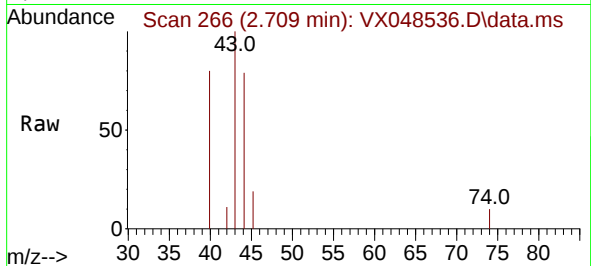




#18
Methyl Acetate
Concen: 0.385 ug/l
RT: 2.709 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX048536.D
Acq: 10 Nov 2025 14:04

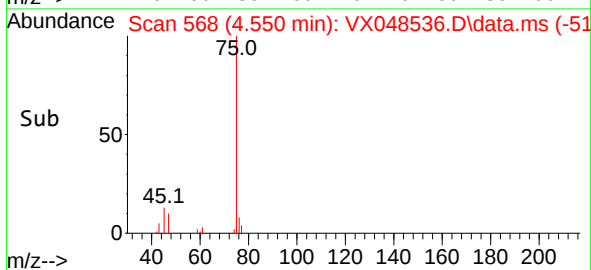
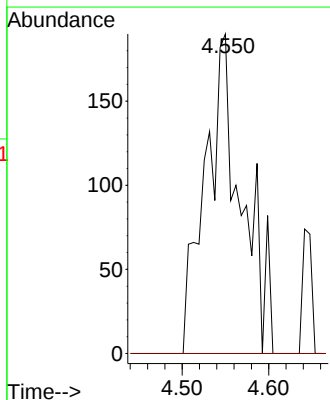
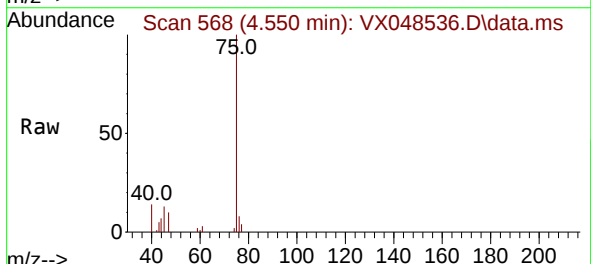
Instrument :
MSVOA_X
ClientSampleId :

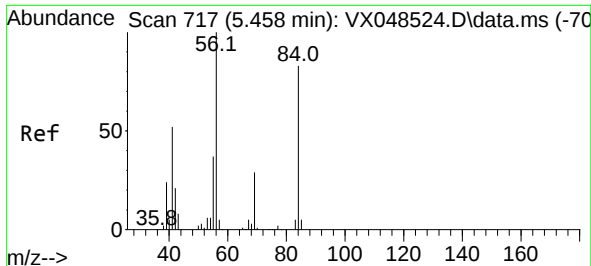
Tgt Ion: 43 Resp: 1291
Ion Ratio Lower Upper
43 100
74 7.0 19.1 28.7#



#25
2-Butanone
Concen: 0.308 ug/l
RT: 4.550 min Scan# 568
Delta R.T. 0.012 min
Lab File: VX048536.D
Acq: 10 Nov 2025 14:04

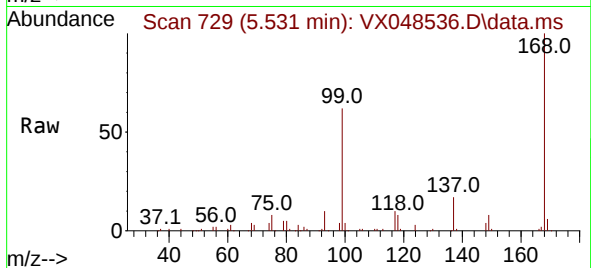
Tgt Ion: 43 Resp: 556
Ion Ratio Lower Upper
43 100
72 0.0 21.5 32.3#



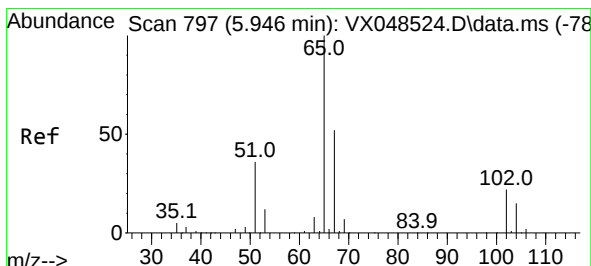
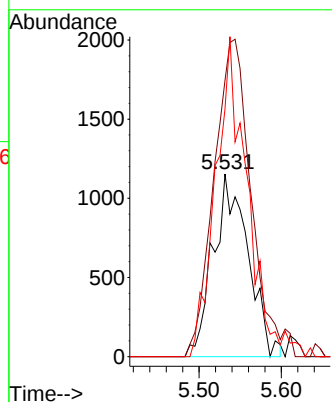
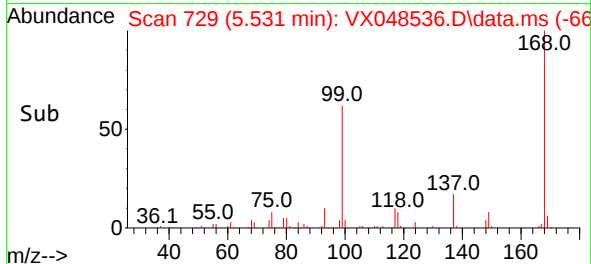


#31
Cyclohexane
Concen: 0.979 ug/l
RT: 5.531 min Scan# 717
Delta R.T. 0.073 min
Lab File: VX048536.D
Acq: 10 Nov 2025 14:04

Instrument :
MSVOA_X
ClientSampleId :

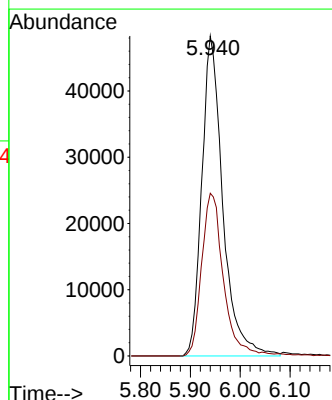
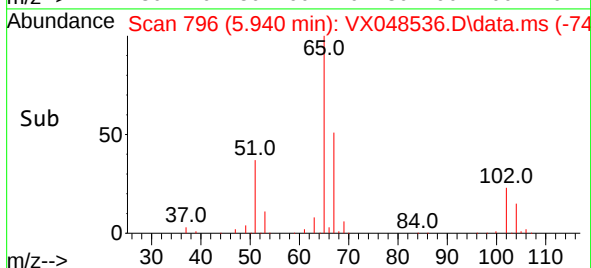
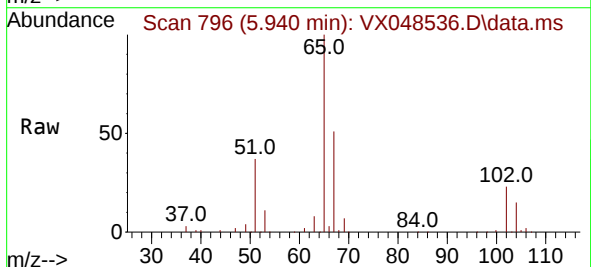


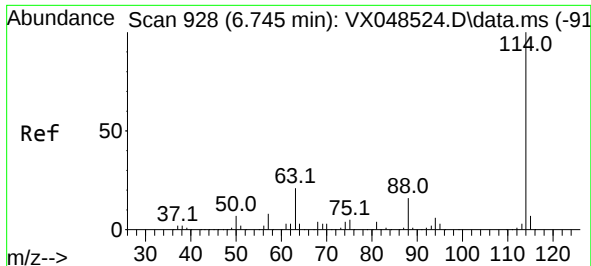
Tgt Ion: 56 Resp: 3392
Ion Ratio Lower Upper
56 100
69 151.2 23.4 35.2#
84 141.7 66.3 99.5#



#33
1,2-Dichloroethane-d4
Concen: 54.771 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.006 min
Lab File: VX048536.D
Acq: 10 Nov 2025 14:04

Tgt Ion: 65 Resp: 141256
Ion Ratio Lower Upper
65 100
67 52.4 0.0 106.2

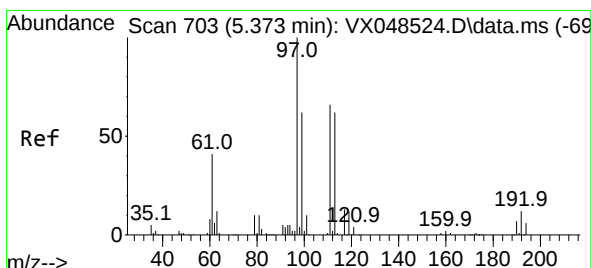
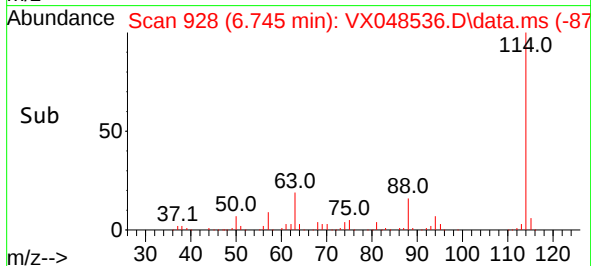
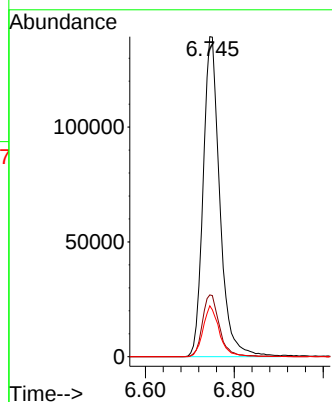
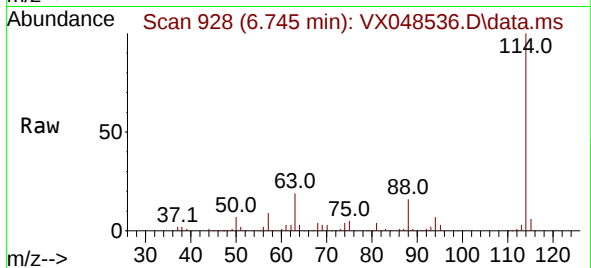




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX048536.D
Acq: 10 Nov 2025 14:04

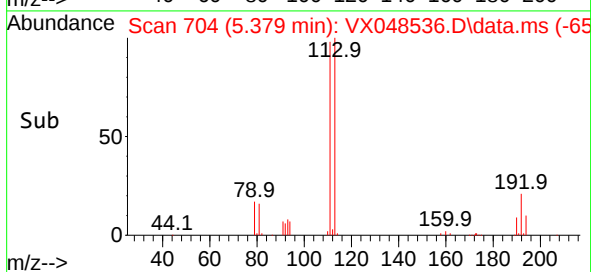
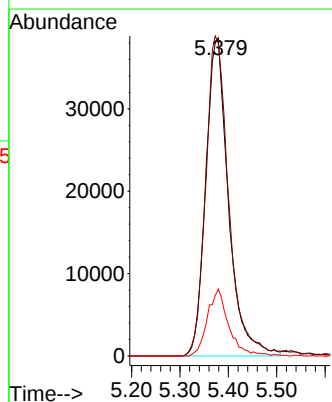
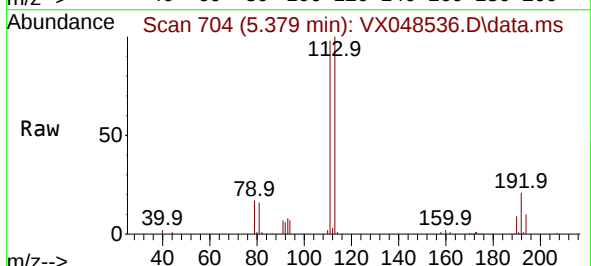
Instrument :
MSVOA_X
ClientSampleId :

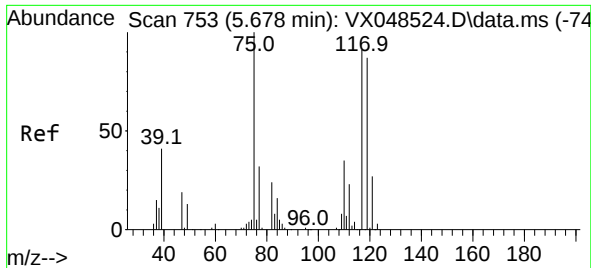
Tgt Ion:114 Resp: 364726
Ion Ratio Lower Upper
114 100
63 19.3 0.0 41.2
88 15.9 0.0 32.2



#35
Dibromofluoromethane
Concen: 45.811 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048536.D
Acq: 10 Nov 2025 14:04

Tgt Ion:113 Resp: 126459
Ion Ratio Lower Upper
113 100
111 101.8 81.9 122.9
192 19.7 15.8 23.6

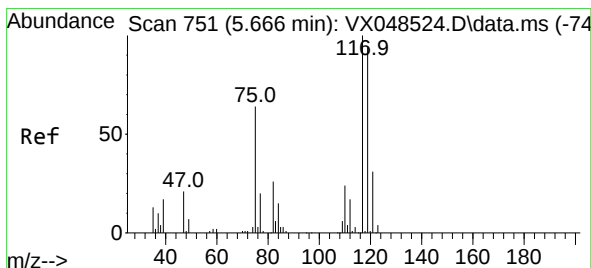
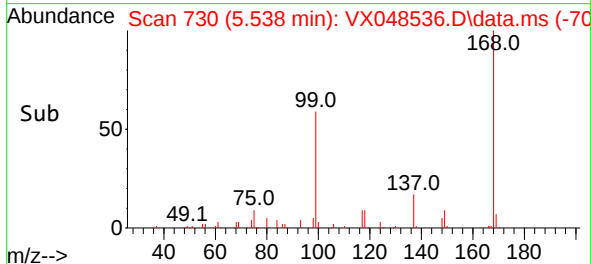
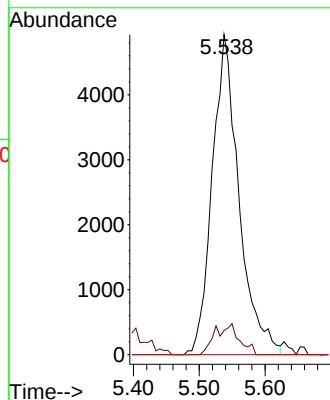
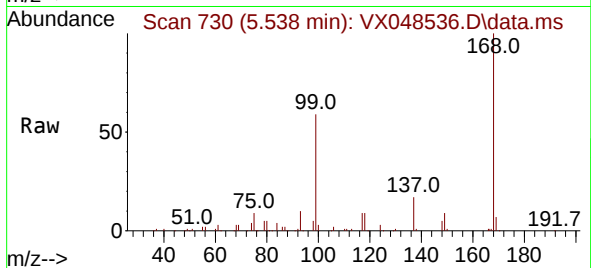




#36
1,1-Dichloropropene
Concen: 3.771 ug/l
RT: 5.538 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX048536.D
Acq: 10 Nov 2025 14:04

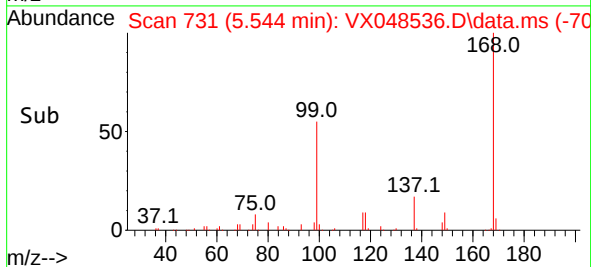
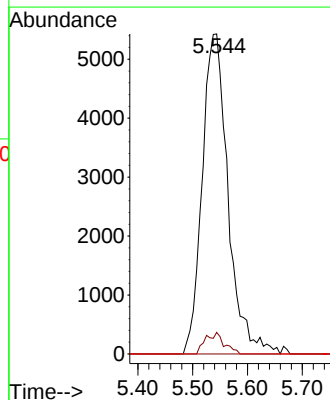
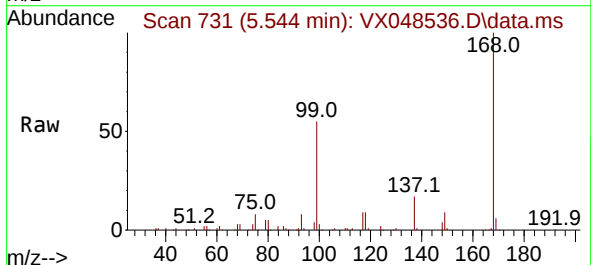
Instrument :
MSVOA_X
ClientSampleId :

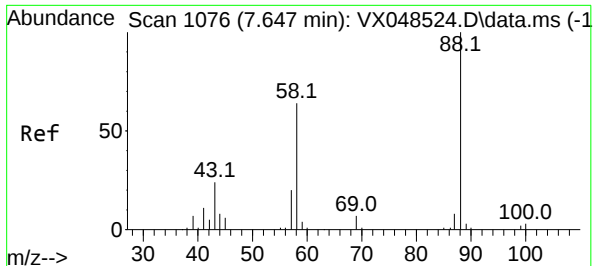
Tgt Ion: 75 Resp: 13939
Ion Ratio Lower Upper
75 100
110 3.1 18.4 55.4#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 4.226 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.122 min
Lab File: VX048536.D
Acq: 10 Nov 2025 14:04

Tgt Ion: 117 Resp: 17780
Ion Ratio Lower Upper
117 100
119 6.8 74.5 111.7#
121 0.0 24.8 37.2#





#49

1,4-Dioxane

Concen: 0.606 ug/l

RT: 7.367 min Scan# 1030

Delta R.T. -0.281 min

Lab File: VX048536.D

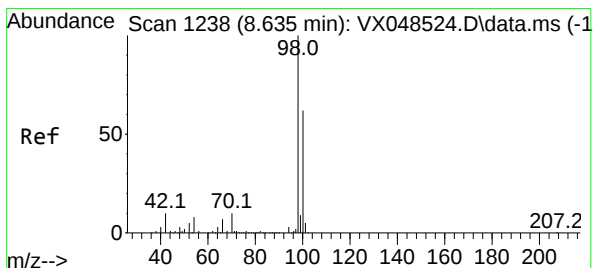
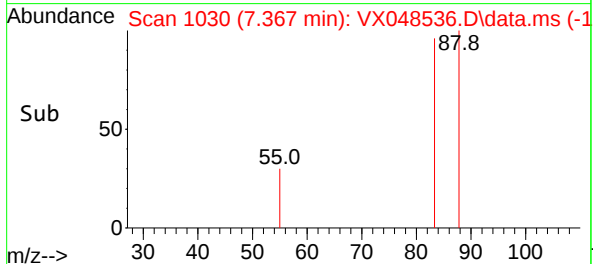
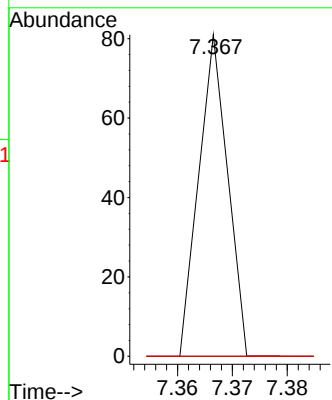
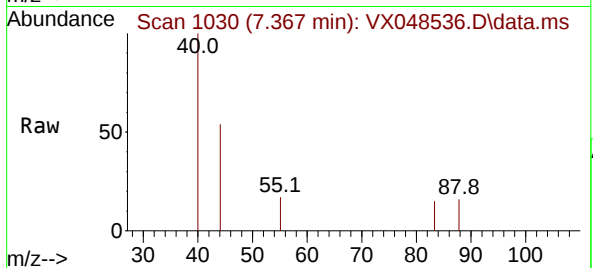
Acq: 10 Nov 2025 14:04

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	88	Resp:	30
Ion	Ratio	Lower	Upper
88	100		
43	0.0	25.1	37.7#
58	0.0	56.7	85.1#



#50

Toluene-d8

Concen: 50.295 ug/l

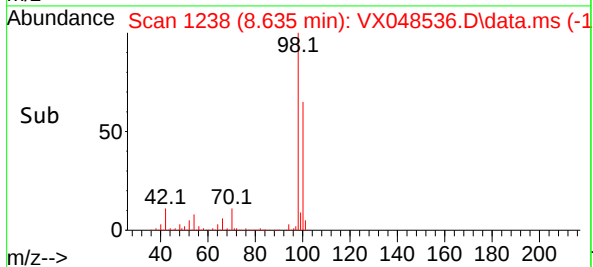
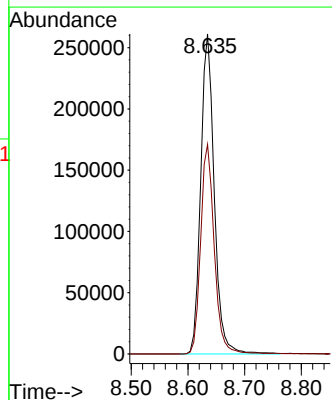
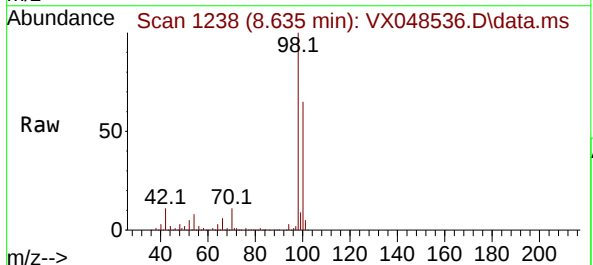
RT: 8.635 min Scan# 1238

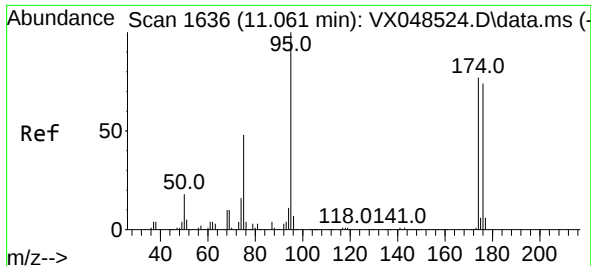
Delta R.T. -0.000 min

Lab File: VX048536.D

Acq: 10 Nov 2025 14:04

Tgt Ion:	98	Resp:	433013
Ion	Ratio	Lower	Upper
98	100		
100	65.9	53.6	80.4

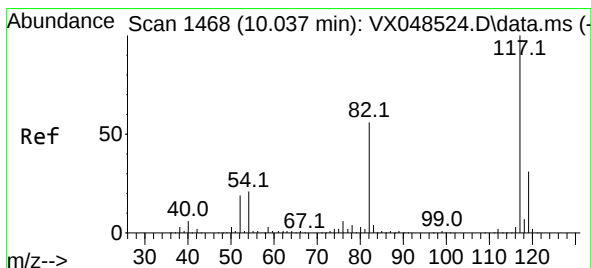
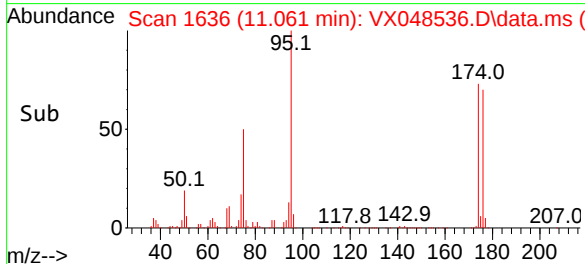
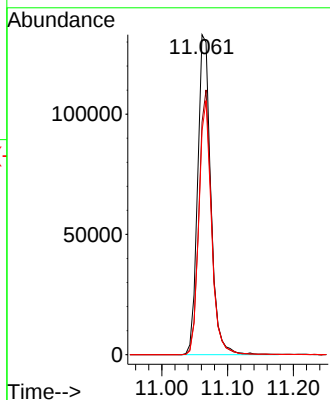
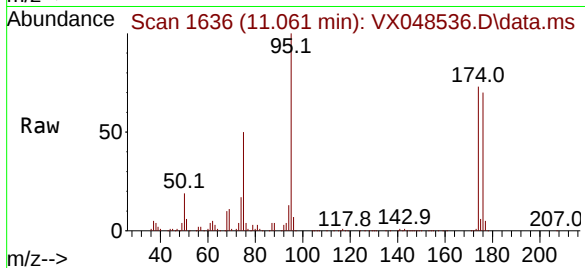




#62
4-Bromofluorobenzene
Concen: 57.614 ug/l
RT: 11.061 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048536.D
Acq: 10 Nov 2025 14:04

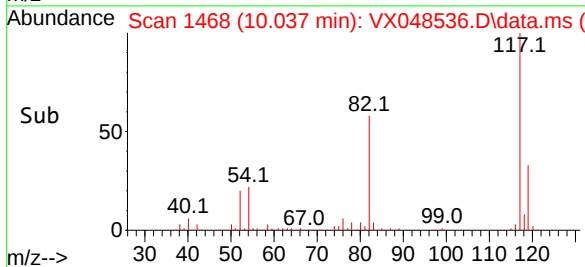
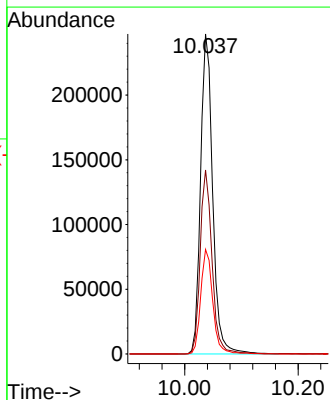
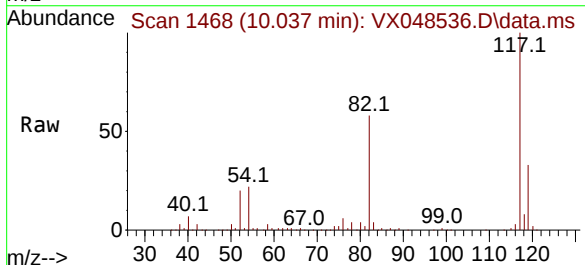
Instrument :
MSVOA_X
ClientSampleId :

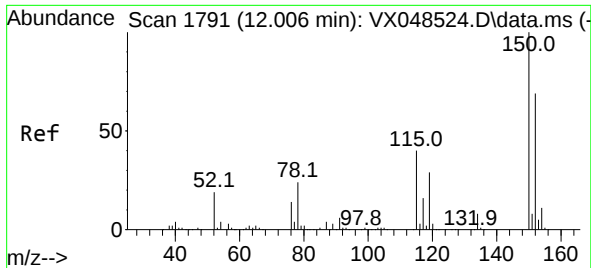
Tgt Ion: 95 Resp: 184853
Ion Ratio Lower Upper
95 100
174 79.8 0.0 161.8
176 76.4 0.0 153.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048536.D
Acq: 10 Nov 2025 14:04

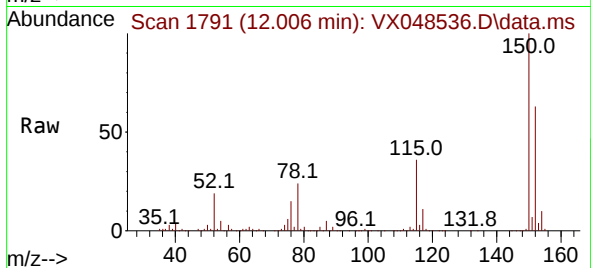
Tgt Ion: 117 Resp: 365529
Ion Ratio Lower Upper
117 100
82 57.5 44.4 66.6
119 32.7 25.1 37.7



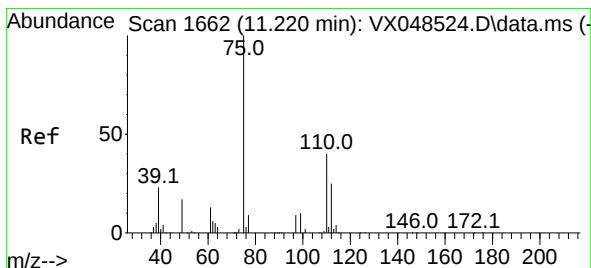
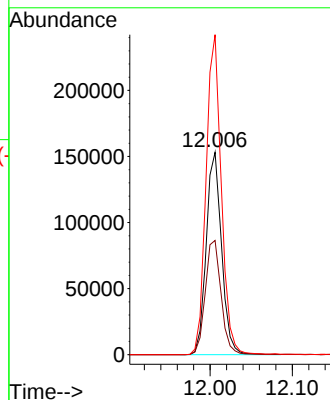
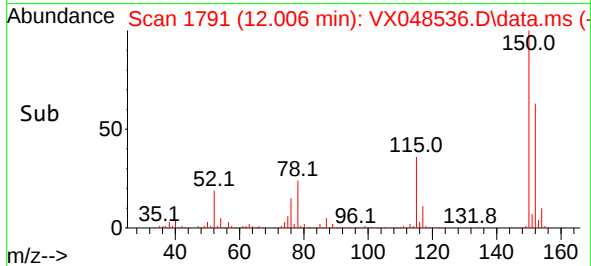


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VX048536.D
 Acq: 10 Nov 2025 14:04

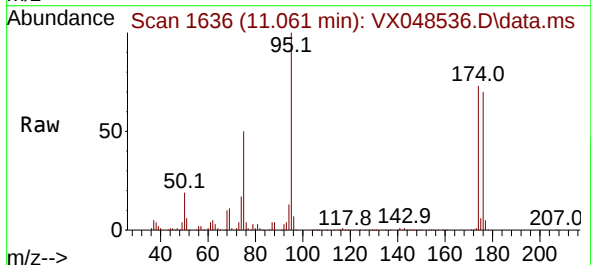
Instrument :
 MSVOA_X
 ClientSampleId :



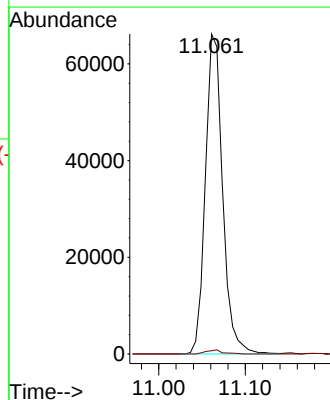
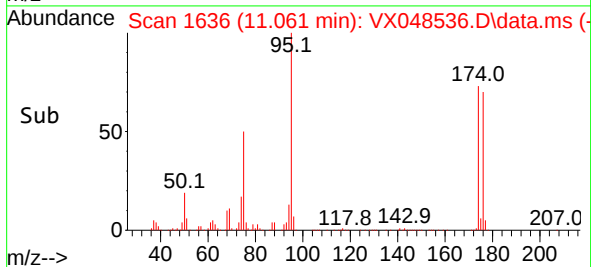
Tgt Ion:152 Resp: 198620
 Ion Ratio Lower Upper
 152 100
 115 58.2 39.2 117.6
 150 157.2 0.0 347.0

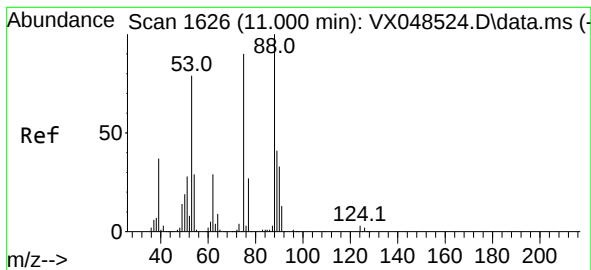


#76
 1,2,3-Trichloropropane
 Concen: 19.160 ug/l
 RT: 11.061 min Scan# 1636
 Delta R.T. -0.159 min
 Lab File: VX048536.D
 Acq: 10 Nov 2025 14:04



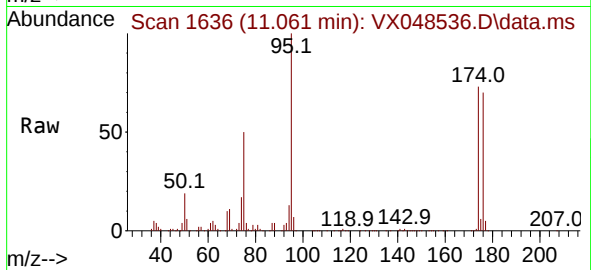
Tgt Ion: 75 Resp: 91681
 Ion Ratio Lower Upper
 75 100
 77 1.2 24.3 72.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 54.803 ug/l
 RT: 11.061 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX048536.D
 Acq: 10 Nov 2025 14:04

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 91681
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.4 108.6#
 89 0.0 43.6 65.4#

