

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
 Data File : VW031850.D
 Acq On : 14 Jul 2025 15:30
 Operator : SY/MD
 Sample : Q2597-01
 Misc : 5.00g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CHRT-26899

Quant Time: Jul 15 02:45:54 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 01 03:35:17 2025
 Response via : Initial Calibration

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

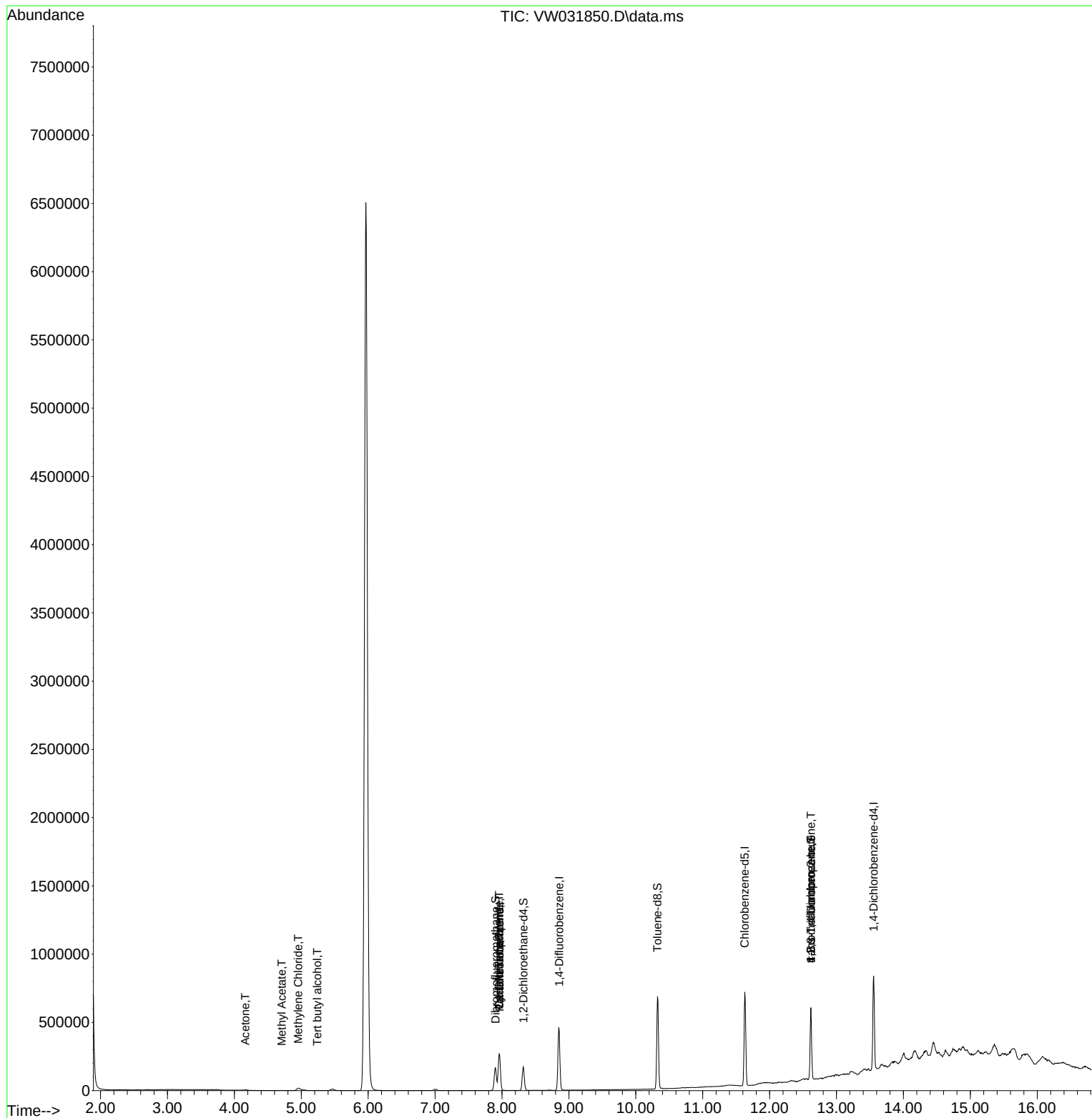
Internal Standards						
1) Pentafluorobenzene	7.965	168	186698	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	387923	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	377103	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	177847	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	142500	53.185	ug/l	0.00
Spiked Amount	50.000	Range 63 - 155	Recovery	= 106.380%		
35) Dibromofluoromethane	7.904	113	122254	48.296	ug/l	0.00
Spiked Amount	50.000	Range 70 - 134	Recovery	= 96.600%		
50) Toluene-d8	10.325	98	458413	48.663	ug/l	0.00
Spiked Amount	50.000	Range 74 - 123	Recovery	= 97.320%		
62) 4-Bromofluorobenzene	12.617	95	182480	52.639	ug/l	0.00
Spiked Amount	50.000	Range 17 - 146	Recovery	= 105.280%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.240	59	174	1.048	ug/l #	69
16) Acetone	4.161	43	4706	7.106	ug/l	96
18) Methyl Acetate	4.710	43	1901	1.004	ug/l	97
20) Methylene Chloride	4.954	84	16808	2.157	ug/l	94
31) Cyclohexane	7.959	56	6204	1.626	ug/l #	17
36) 1,1-Dichloropropene	7.959	75	17544	4.790	ug/l #	50
38) Carbon Tetrachloride	7.959	117	21757	5.829	ug/l #	17
76) 1,2,3-Trichloropropane	12.617	75	95988	41.765	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.617	75	95988	97.278	ug/l #	8

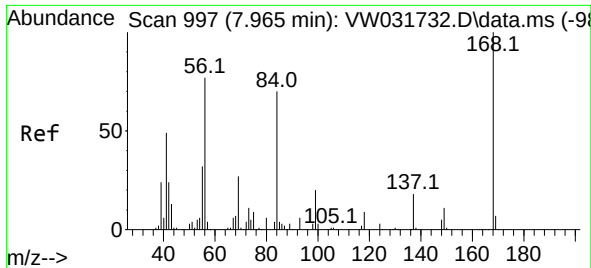
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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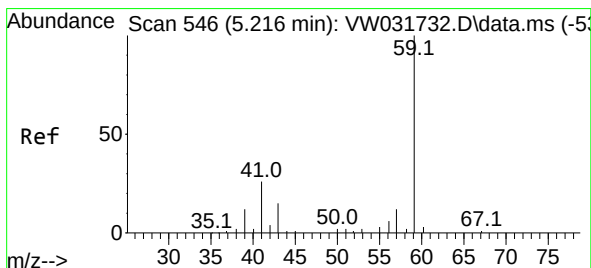
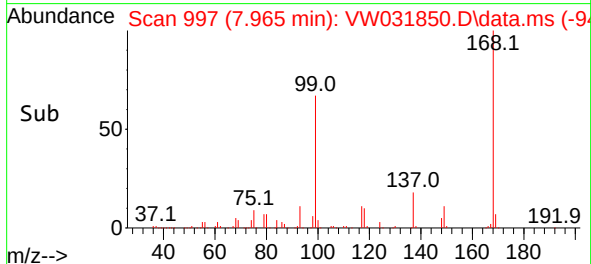
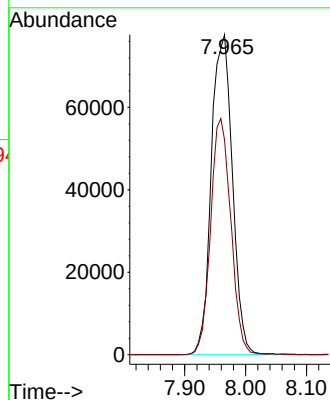
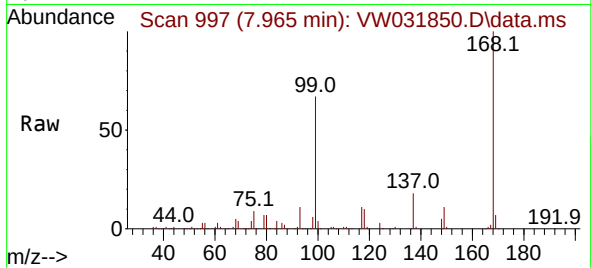




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 997
Delta R.T. 0.000 min
Lab File: VW031850.D
Acq: 14 Jul 2025 15:30

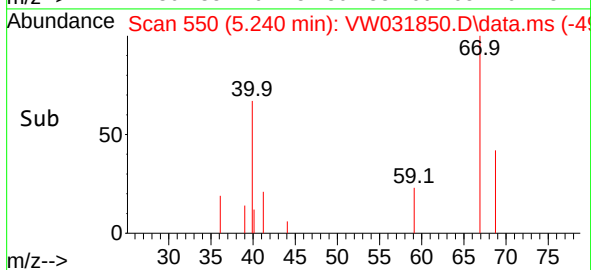
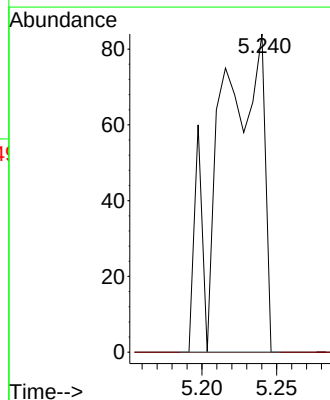
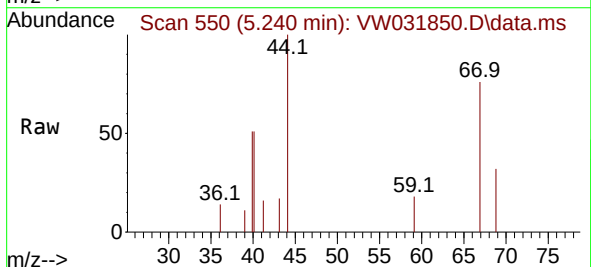
Instrument :
MSVOA_W
ClientSampleId :
CHRT-26899

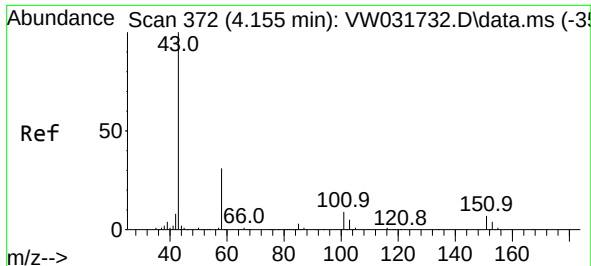
Tgt Ion:168 Resp: 186698
Ion Ratio Lower Upper
168 100
99 67.2 49.4 74.2



#11
Tert butyl alcohol
Concen: 1.048 ug/l
RT: 5.240 min Scan# 550
Delta R.T. 0.025 min
Lab File: VW031850.D
Acq: 14 Jul 2025 15:30

Tgt Ion: 59 Resp: 174
Ion Ratio Lower Upper
59 100
57 0.0 9.5 14.3#

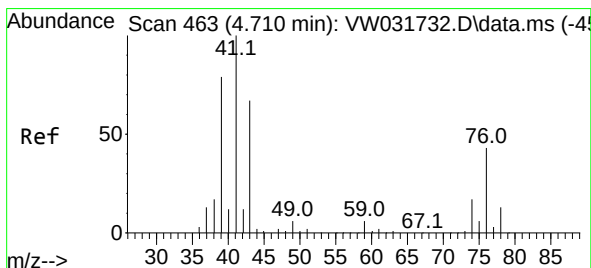
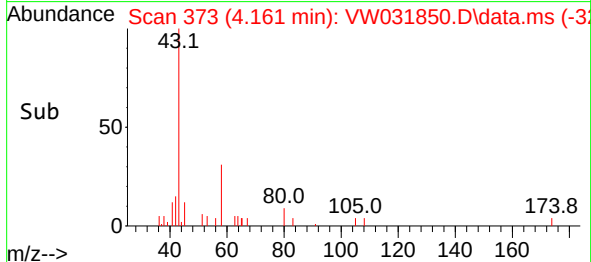
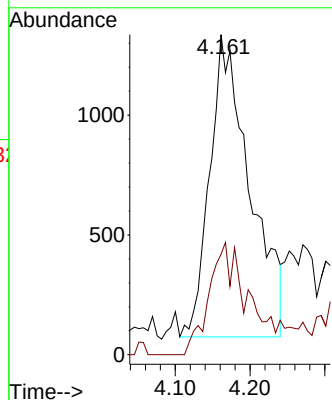
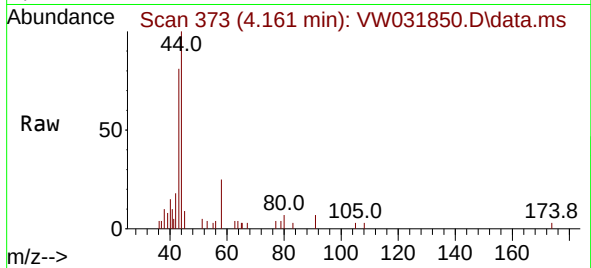




#16
Acetone
Concen: 7.106 ug/l
RT: 4.161 min Scan# 31
Delta R.T. 0.006 min
Lab File: VW031850.D
Acq: 14 Jul 2025 15:30

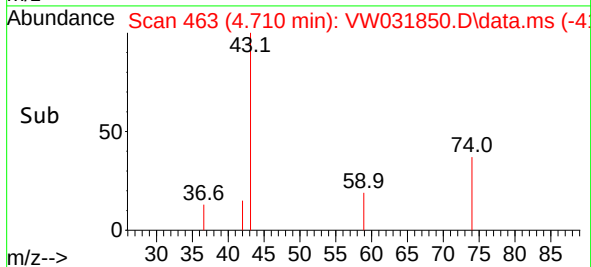
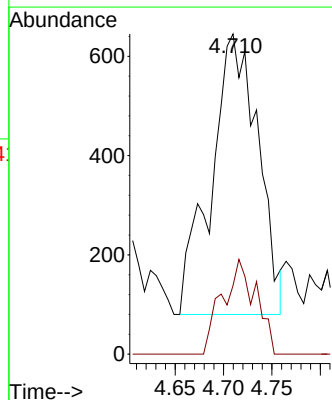
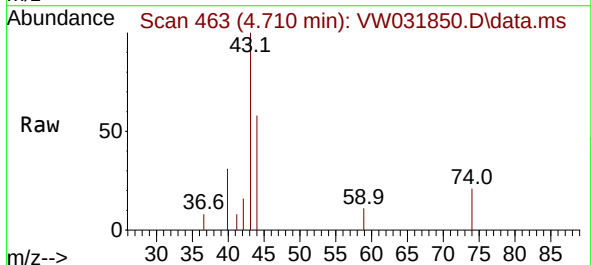
Instrument :
MSVOA_W
ClientSampleId :
CHRT-26899

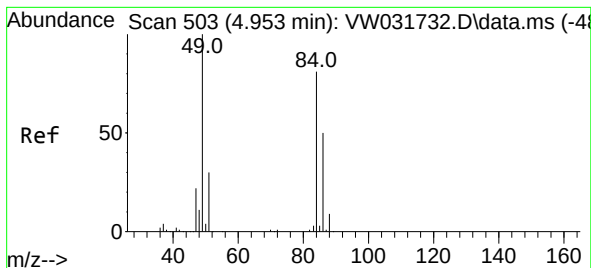
Tgt Ion: 43 Resp: 4706
Ion Ratio Lower Upper
43 100
58 33.2 24.8 37.2



#18
Methyl Acetate
Concen: 1.004 ug/l
RT: 4.710 min Scan# 463
Delta R.T. 0.000 min
Lab File: VW031850.D
Acq: 14 Jul 2025 15:30

Tgt Ion: 43 Resp: 1901
Ion Ratio Lower Upper
43 100
74 24.2 20.6 30.8





#20

Methylene Chloride

Concen: 2.157 ug/l

RT: 4.954 min Scan# 503

Delta R.T. 0.000 min

Lab File: VW031850.D

Acq: 14 Jul 2025 15:30

Instrument :

MSVOA_W

ClientSampleId :

CHRT-26899

Tgt Ion: 84 Resp: 16808

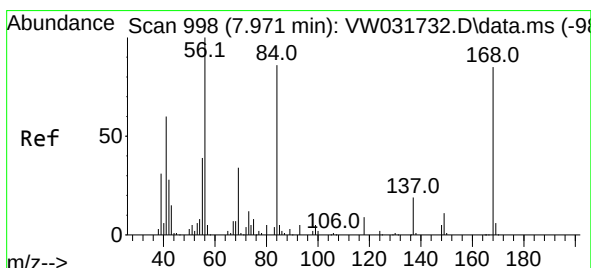
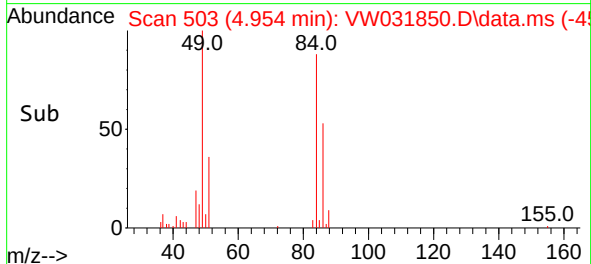
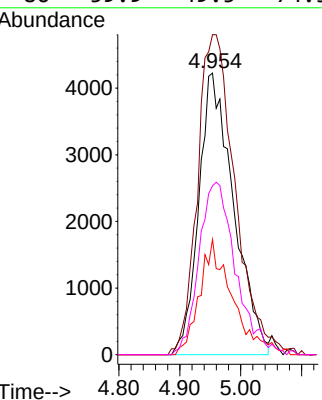
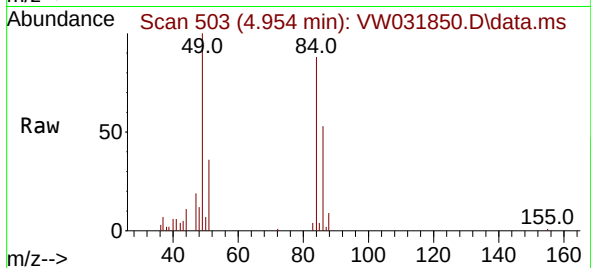
Ion Ratio Lower Upper

84 100

49 113.6 98.2 147.4

51 40.9 29.8 44.8

86 59.9 49.5 74.3



#31

Cyclohexane

Concen: 1.626 ug/l

RT: 7.959 min Scan# 996

Delta R.T. -0.012 min

Lab File: VW031850.D

Acq: 14 Jul 2025 15:30

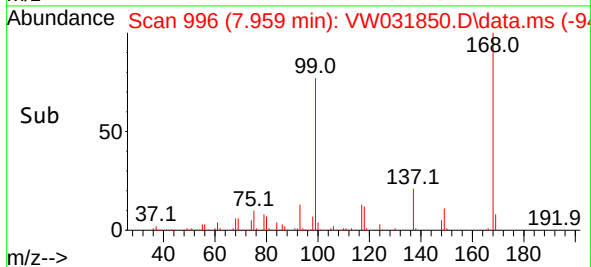
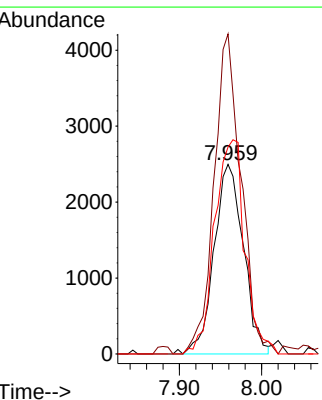
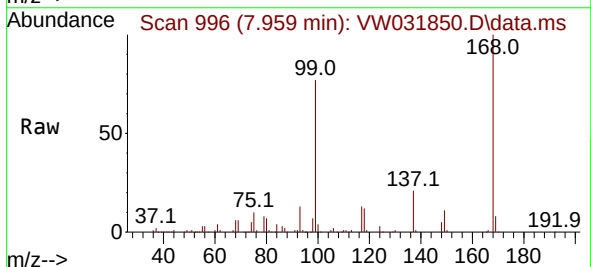
Tgt Ion: 56 Resp: 6204

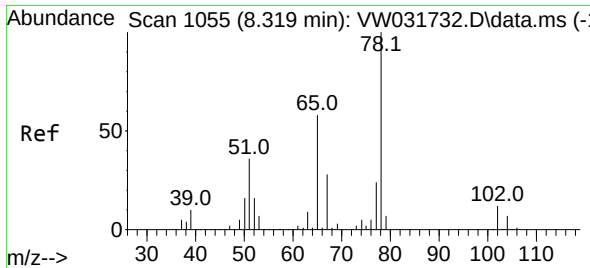
Ion Ratio Lower Upper

56 100

69 165.1 27.2 40.8#

84 109.1 68.5 102.7#

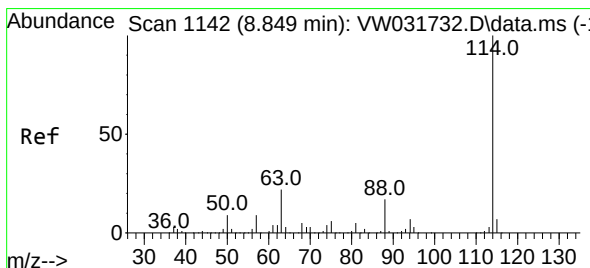
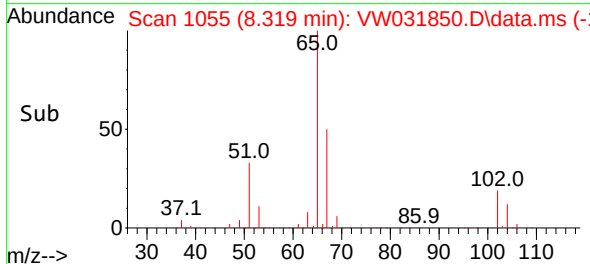
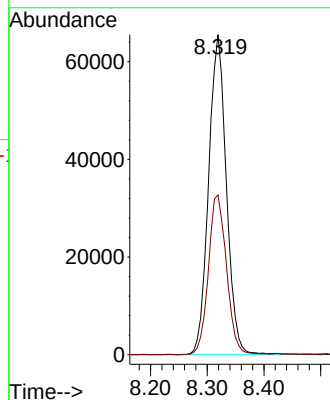
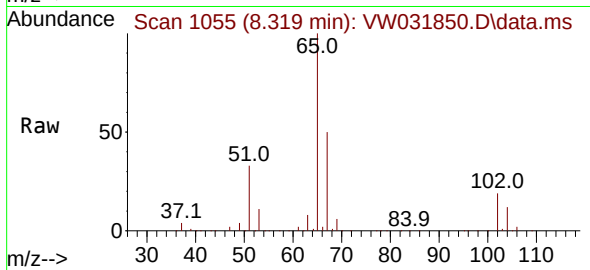




#33
 1,2-Dichloroethane-d4
 Concen: 53.185 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VW031850.D
 Acq: 14 Jul 2025 15:30

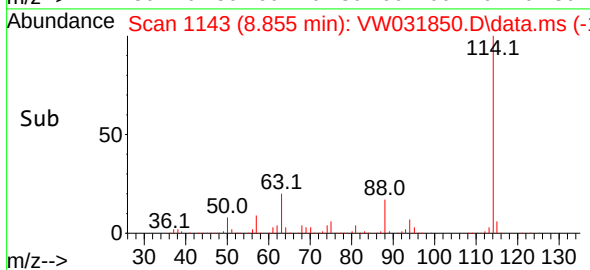
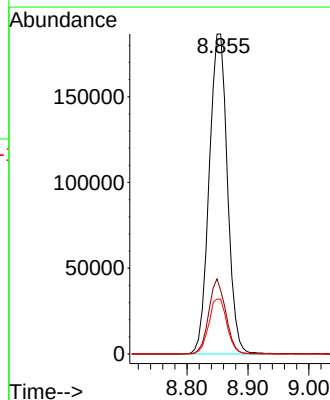
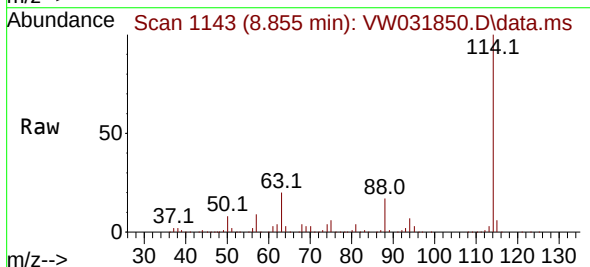
Instrument :
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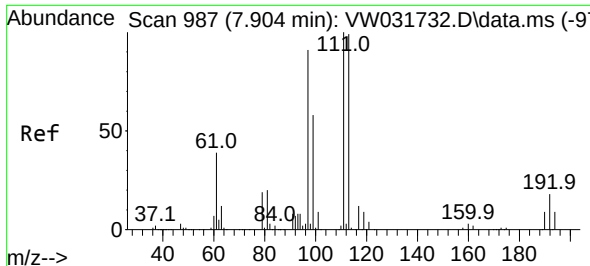
Tgt Ion: 65 Resp: 142500
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.855 min Scan# 1143
 Delta R.T. 0.006 min
 Lab File: VW031850.D
 Acq: 14 Jul 2025 15:30

Tgt Ion: 114 Resp: 387923
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 43.6
 88 17.1 0.0 34.2

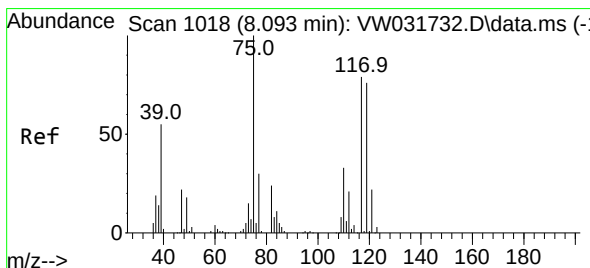
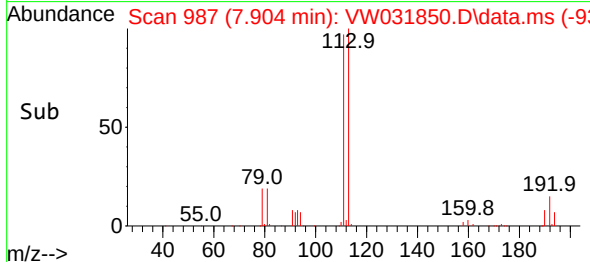
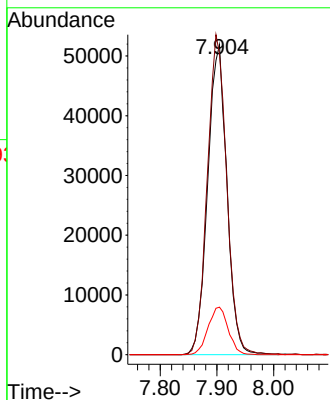
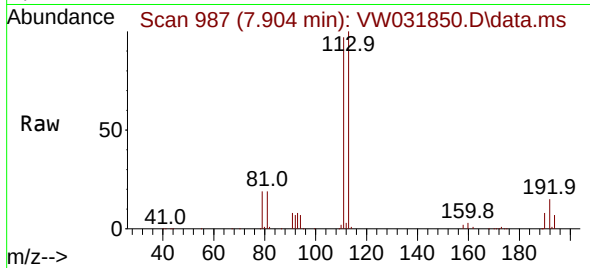




#35
 Dibromofluoromethane
 Concen: 48.296 ug/l
 RT: 7.904 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VW031850.D
 Acq: 14 Jul 2025 15:30

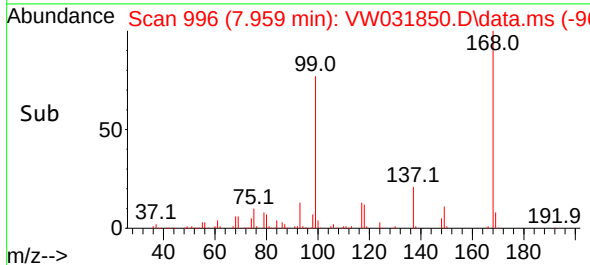
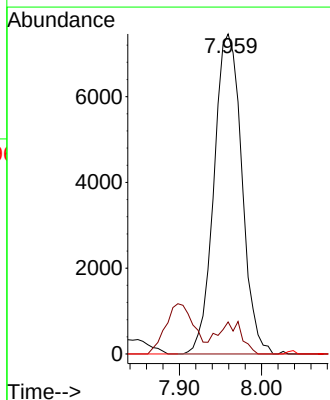
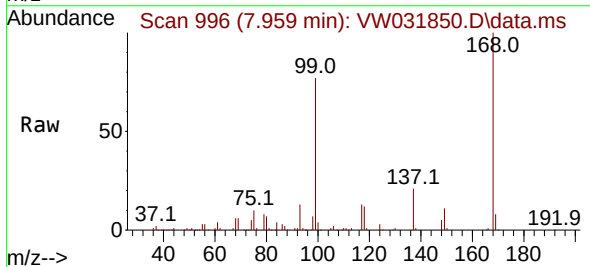
Instrument :
 MSVOA_W
 ClientSampleId :
 CHRT-26899

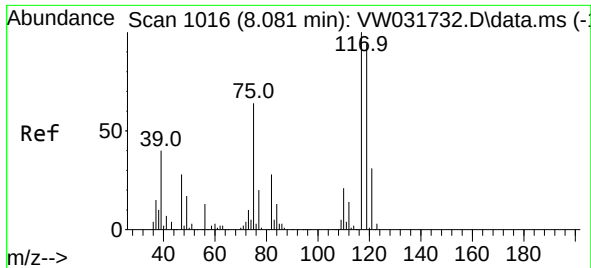
Tgt Ion: 113 Resp: 122254
 Ion Ratio Lower Upper
 113 100
 111 103.9 82.1 123.1
 192 16.0 13.8 20.6



#36
 1,1-Dichloropropene
 Concen: 4.790 ug/l
 RT: 7.959 min Scan# 996
 Delta R.T. -0.134 min
 Lab File: VW031850.D
 Acq: 14 Jul 2025 15:30

Tgt Ion: 75 Resp: 17544
 Ion Ratio Lower Upper
 75 100
 110 8.7 16.8 50.4#
 77 0.0 25.0 37.6#

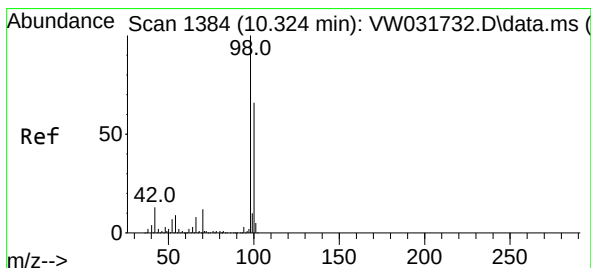
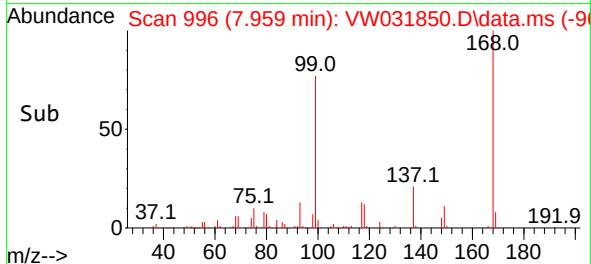
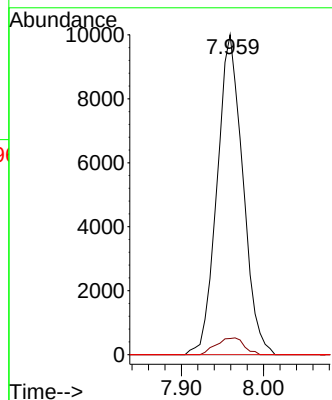
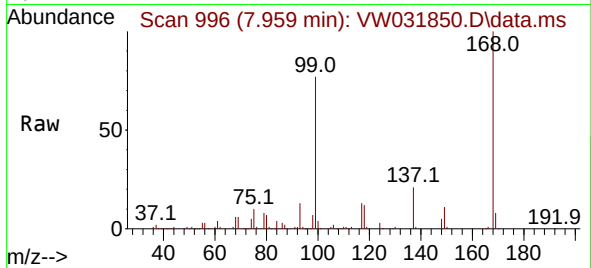




#38
Carbon Tetrachloride
Concen: 5.829 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.122 min
Lab File: VW031850.D
Acq: 14 Jul 2025 15:30

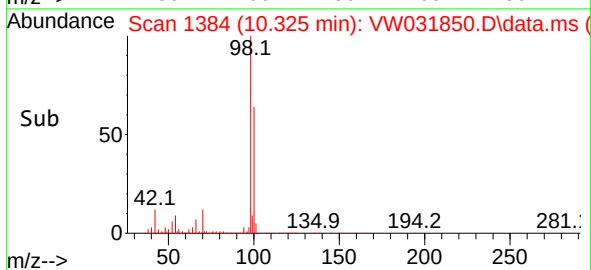
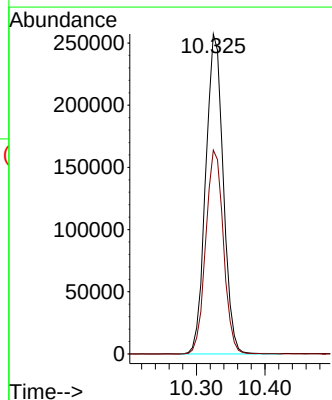
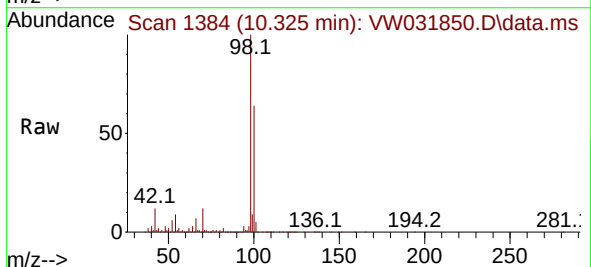
Instrument :
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CHRT-26899

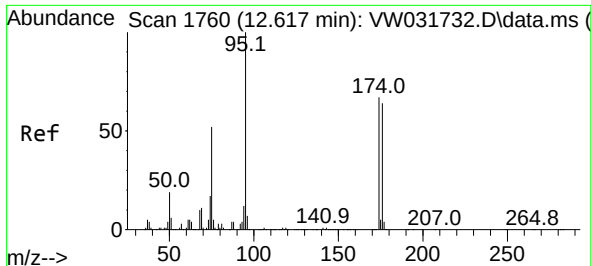
Tgt Ion:117 Resp: 21757
Ion Ratio Lower Upper
117 100
119 5.1 75.0 112.6#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 48.663 ug/l
RT: 10.325 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VW031850.D
Acq: 14 Jul 2025 15:30

Tgt Ion: 98 Resp: 458413
Ion Ratio Lower Upper
98 100
100 64.1 53.0 79.4

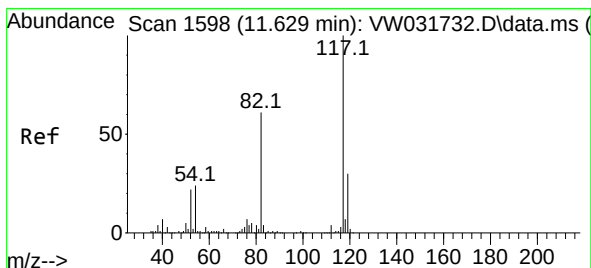
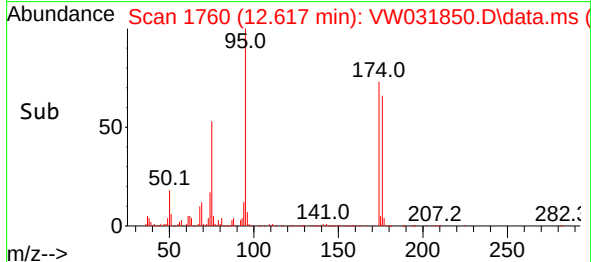
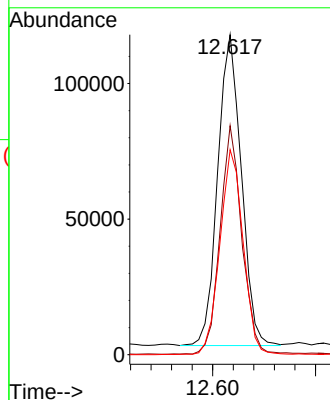
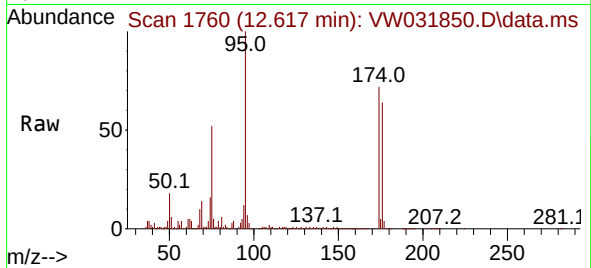




#62
4-Bromofluorobenzene
Concen: 52.639 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031850.D
Acq: 14 Jul 2025 15:30

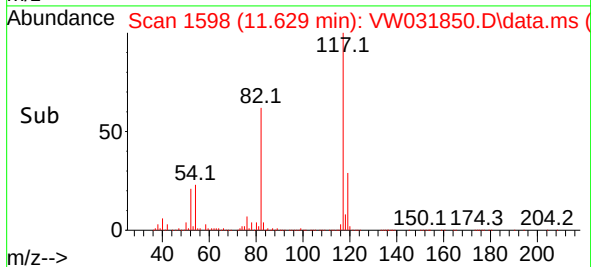
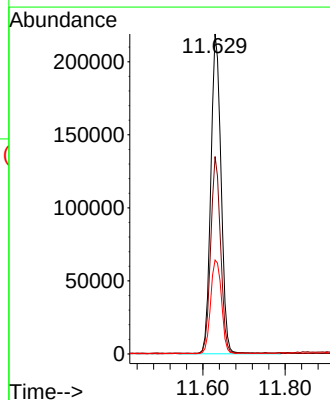
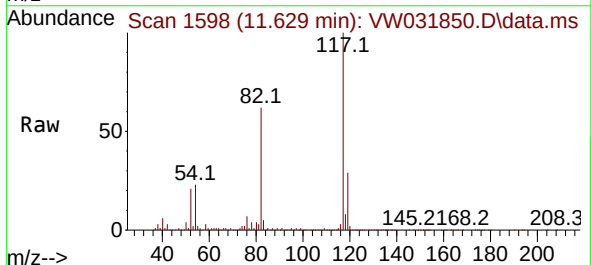
Instrument :
MSVOA_W
ClientSampleId :
CHRT-26899

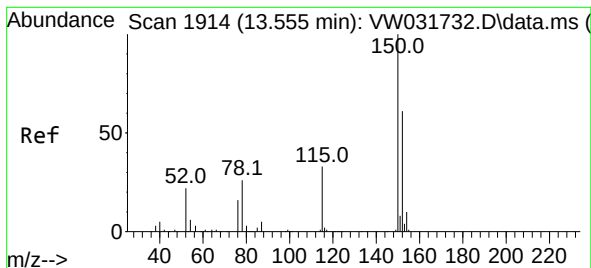
Tgt Ion: 95 Resp: 182480
Ion Ratio Lower Upper
95 100
174 67.9 0.0 133.8
176 65.0 0.0 126.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VW031850.D
Acq: 14 Jul 2025 15:30

Tgt Ion: 117 Resp: 377103
Ion Ratio Lower Upper
117 100
82 61.5 48.6 72.8
119 29.2 23.9 35.9

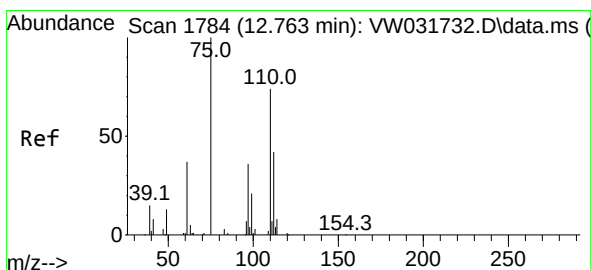
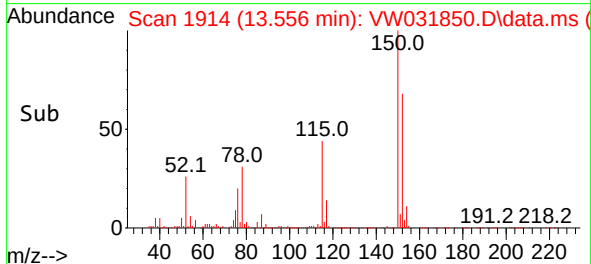
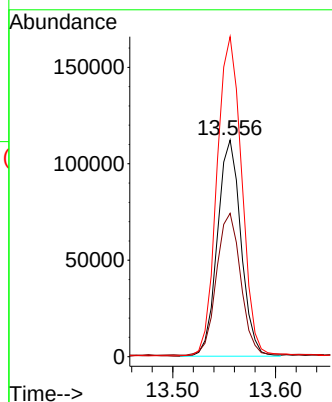
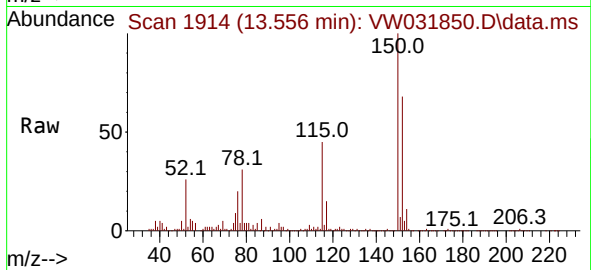




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.556 min Scan# 1914
 Delta R.T. 0.000 min
 Lab File: VW031850.D
 Acq: 14 Jul 2025 15:30

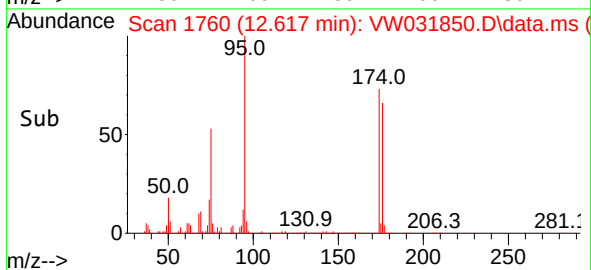
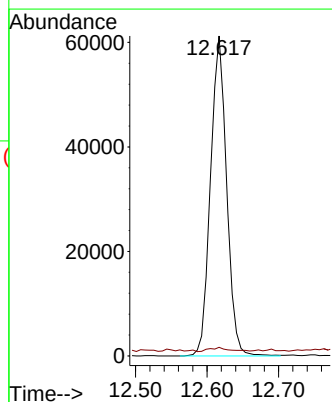
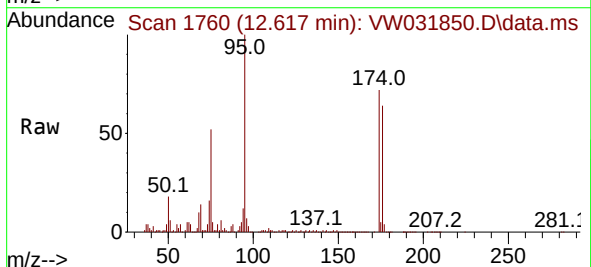
Instrument :
 MSVOA_W
 ClientSampleId :
 CHRT-26899

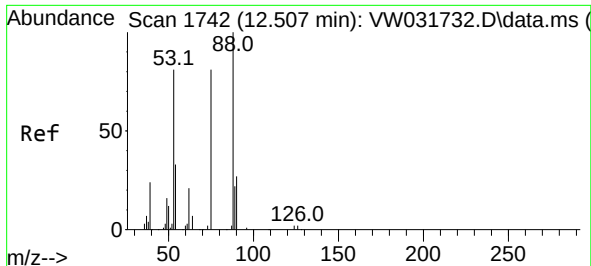
Tgt Ion:152 Resp: 177847
 Ion Ratio Lower Upper
 152 100
 115 67.7 31.9 95.7
 150 156.3 0.0 356.4



#76
 1,2,3-Trichloropropane
 Concen: 41.765 ug/l
 RT: 12.617 min Scan# 1760
 Delta R.T. -0.146 min
 Lab File: VW031850.D
 Acq: 14 Jul 2025 15:30

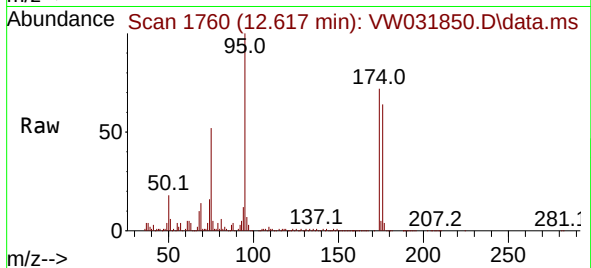
Tgt Ion: 75 Resp: 95988
 Ion Ratio Lower Upper
 75 100
 77 1.7 141.2 423.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 97.278 ug/l
 RT: 12.617 min Scan# 11
 Delta R.T. 0.110 min
 Lab File: VW031850.D
 Acq: 14 Jul 2025 15:30

Instrument :
 MSVOA_W
 ClientSampleId :
 CHRT-26899



Tgt Ion: 75 Resp: 95988
 Ion Ratio Lower Upper
 75 100
 53 0.0 83.5 125.3#
 89 0.3 38.3 57.5#

