

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012825\
 Data File : VN085532.D
 Acq On : 28 Jan 2025 12:36
 Operator : JC\MD
 Sample : Q1180-04RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 Storage-Blank-SAMPLE-MANAGEMENT

Quant Time: Jan 29 00:37:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 15 02:16:08 2025
 Response via : Initial Calibration

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

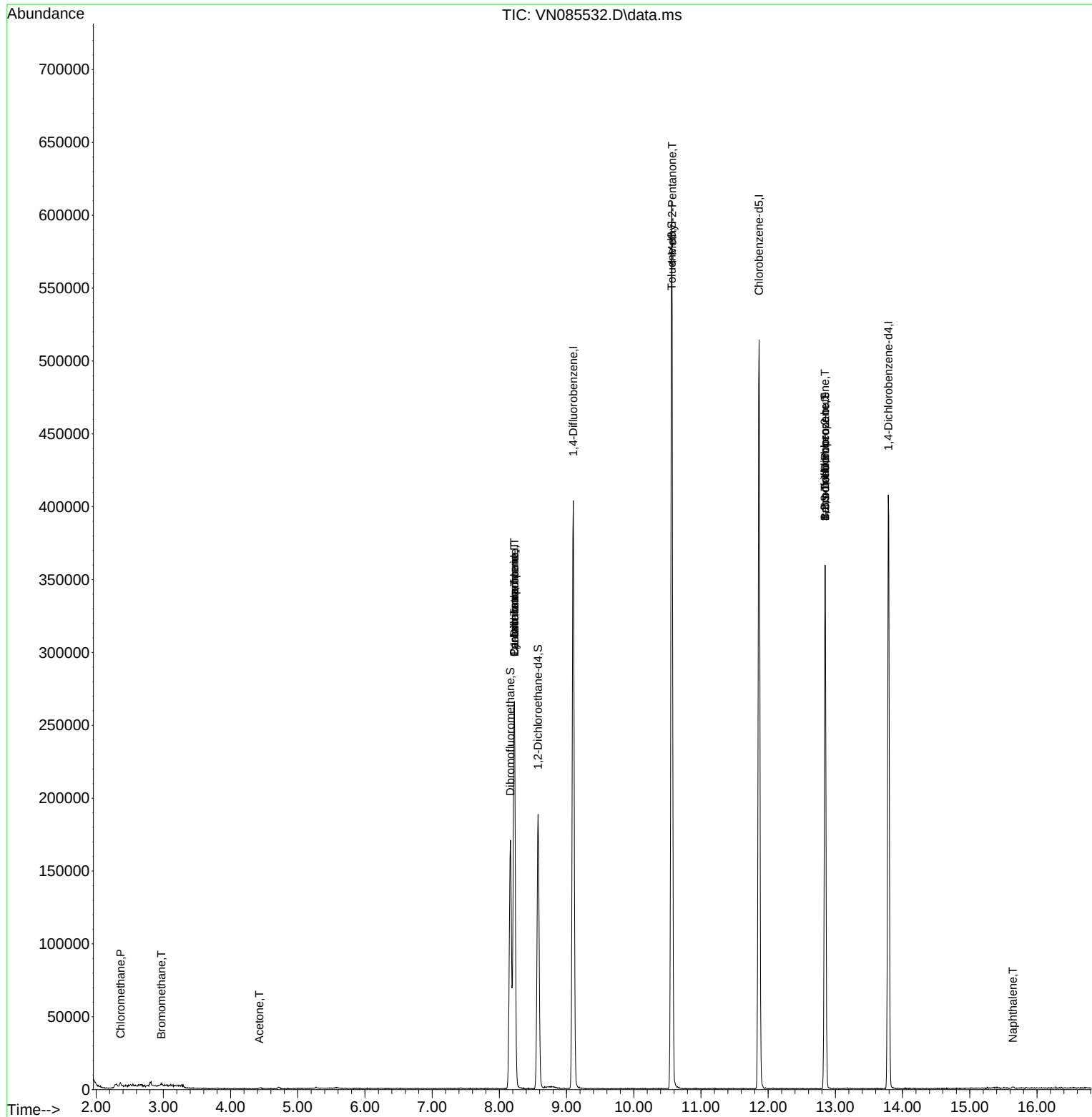
Internal Standards						
1) Pentafluorobenzene	8.224	168	180283	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	325340	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	283619	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	106780	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	156340	53.723	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.440%	
35) Dibromofluoromethane	8.165	113	119192	52.809	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.620%	
50) Toluene-d8	10.565	98	400005	49.880	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.760%	
62) 4-Bromofluorobenzene	12.847	95	117774	42.933	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 85.860%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	1806	0.683	ug/l	95
5) Bromomethane	2.971	94	936	0.583	ug/l	95
16) Acetone	4.430	43	1282	1.363	ug/l	91
31) Cyclohexane	8.224	56	5173	1.401	ug/l #	7
36) 1,1-Dichloropropene	8.224	75	17790	5.616	ug/l #	49
38) Carbon Tetrachloride	8.224	117	19993	5.513	ug/l #	18
51) 4-Methyl-2-Pentanone	10.571	43	1859	0.625	ug/l #	1
71) Bromoform	12.847	173	1293	0.792	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	65403	30.135	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	65403	81.533	ug/l #	3
95) Naphthalene	15.641	128	1647	0.343	ug/l #	73

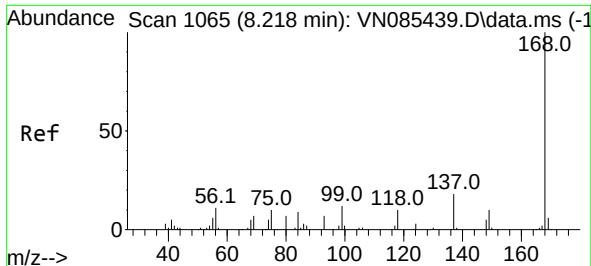
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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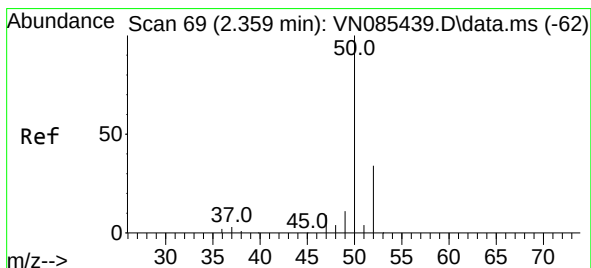
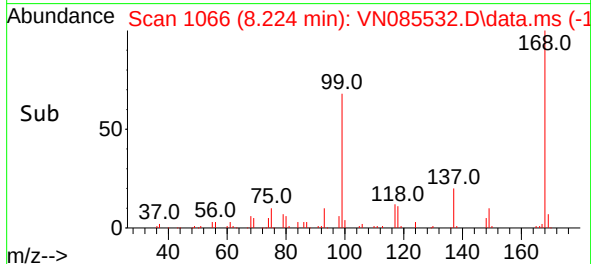
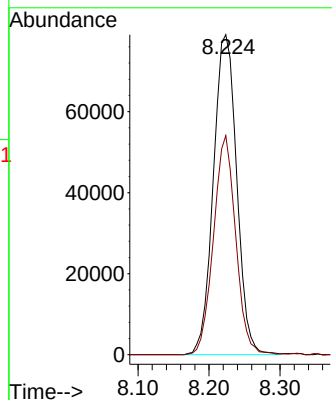
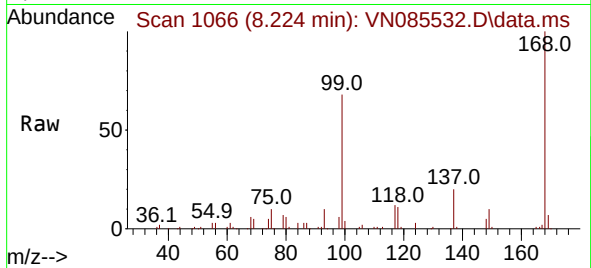




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN085532.D
Acq: 28 Jan 2025 12:36

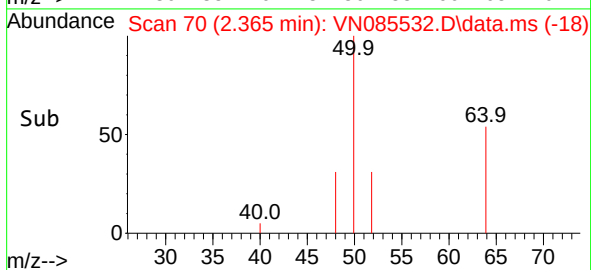
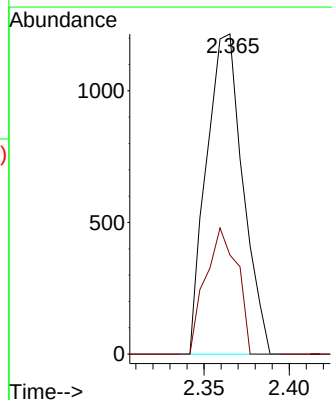
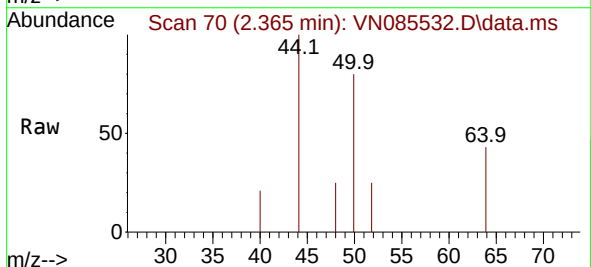
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

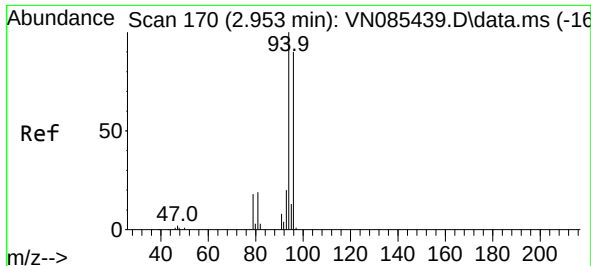
Tgt Ion:168 Resp: 180283
Ion Ratio Lower Upper
168 100
99 68.4 53.6 80.4



#3
Chloromethane
Concen: 0.683 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN085532.D
Acq: 28 Jan 2025 12:36

Tgt Ion: 50 Resp: 1806
Ion Ratio Lower Upper
50 100
52 30.9 27.0 40.6

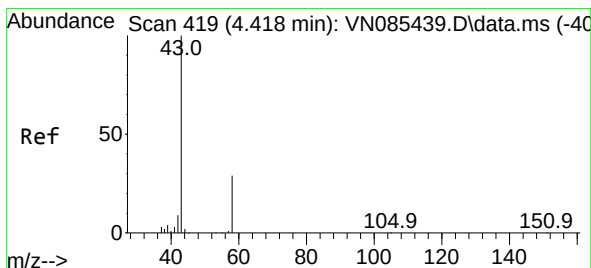
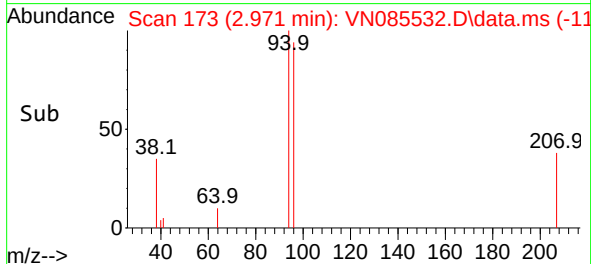
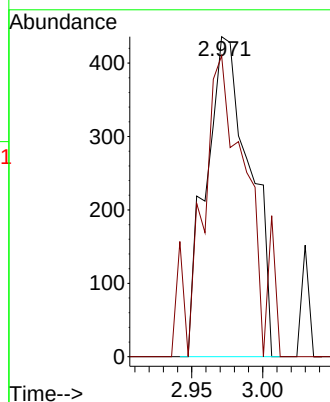
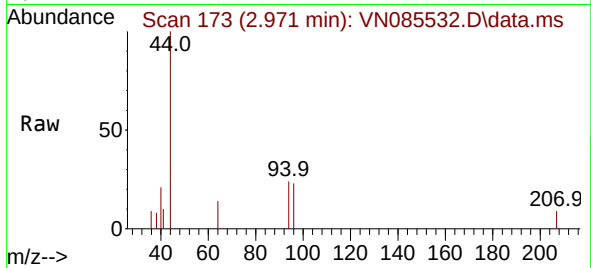




#5
Bromomethane
Concen: 0.583 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN085532.D
Acq: 28 Jan 2025 12:36

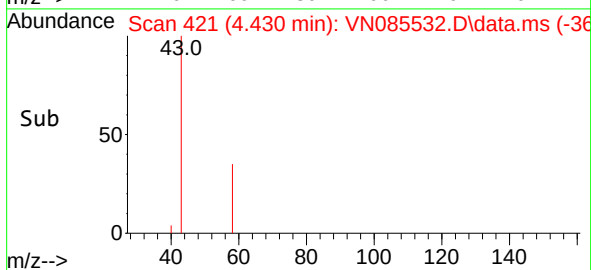
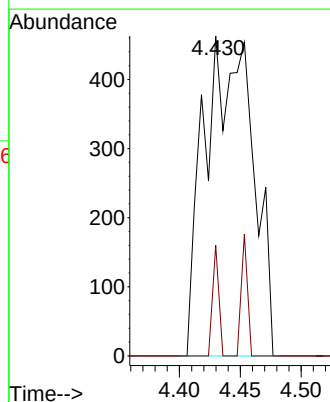
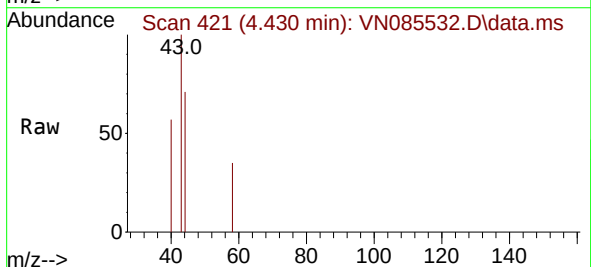
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

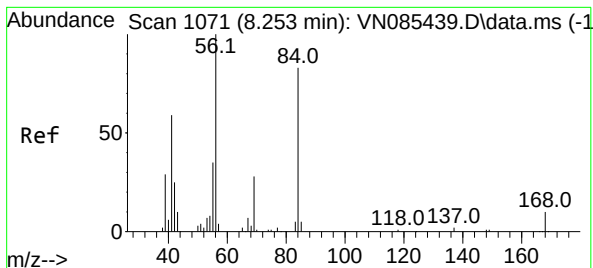
Tgt Ion: 94 Resp: 936
Ion Ratio Lower Upper
94 100
96 94.0 71.8 107.6



#16
Acetone
Concen: 1.363 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN085532.D
Acq: 28 Jan 2025 12:36

Tgt Ion: 43 Resp: 1282
Ion Ratio Lower Upper
43 100
58 34.6 23.8 35.6





#31

Cyclohexane

Concen: 1.401 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.029 min

Lab File: VN085532.D

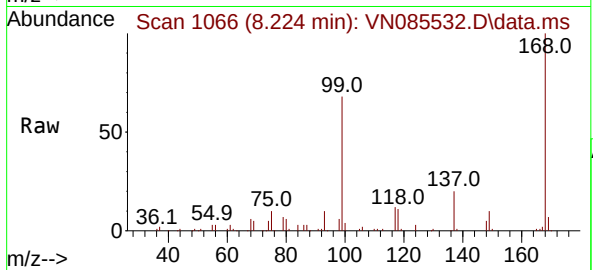
Acq: 28 Jan 2025 12:36

Instrument :

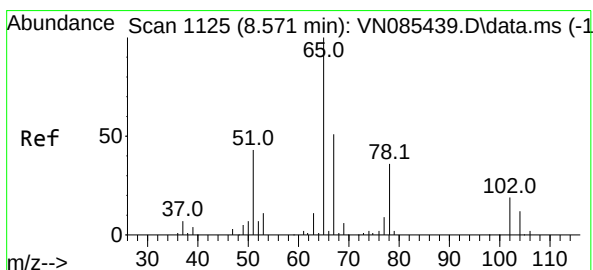
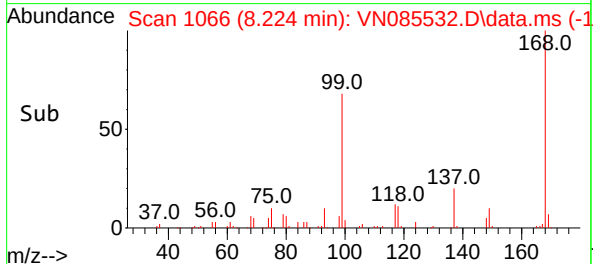
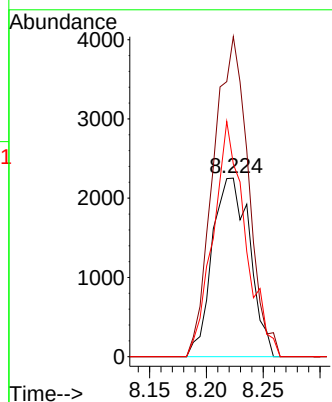
MSVOA_N

ClientSampleId :

Storage-Blank-SAMPLE-MANAGEMENT



Tgt Ion:	56	Resp:	5173
Ion Ratio	Lower	Upper	
56	100		
69	179.2	22.2	33.4#
84	107.9	66.4	99.6#



#33

1,2-Dichloroethane-d4

Concen: 53.723 ug/l

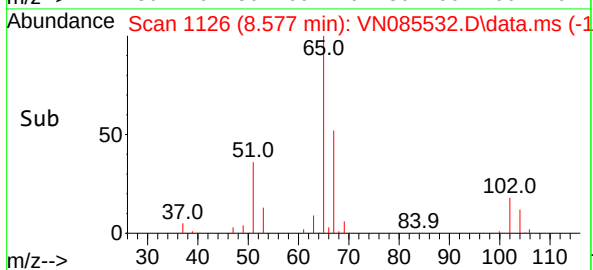
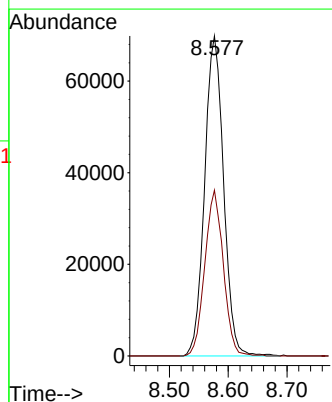
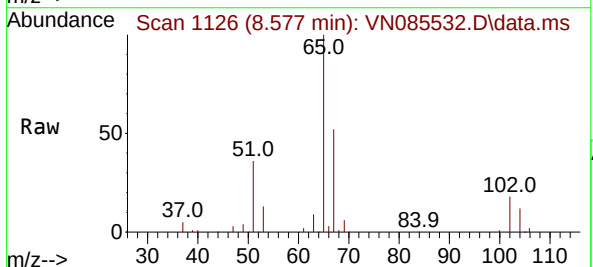
RT: 8.577 min Scan# 1126

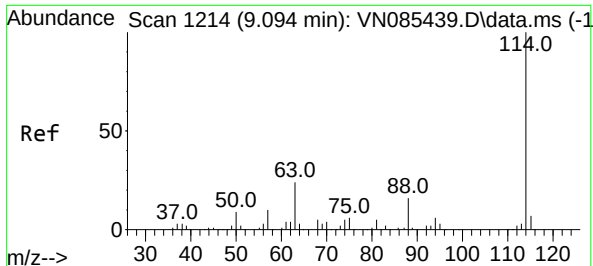
Delta R.T. 0.006 min

Lab File: VN085532.D

Acq: 28 Jan 2025 12:36

Tgt Ion:	65	Resp:	156340
Ion Ratio	Lower	Upper	
65	100		
67	50.6	0.0	101.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN085532.D

Acq: 28 Jan 2025 12:36

Instrument :

MSVOA_N

ClientSampleId :

Storage-Blank-SAMPLE-MANAGEMENT

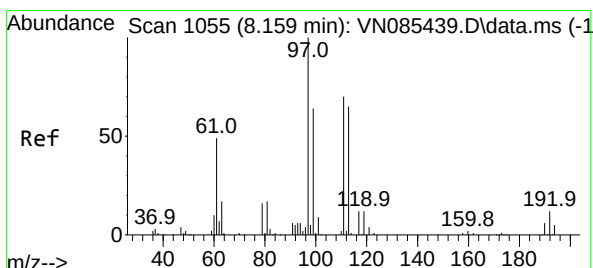
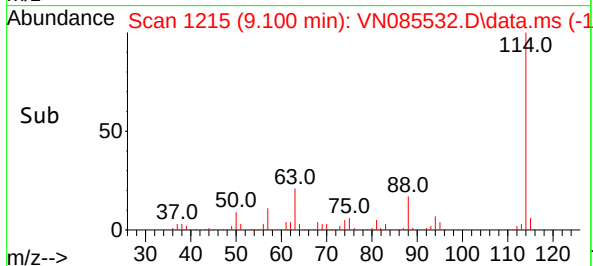
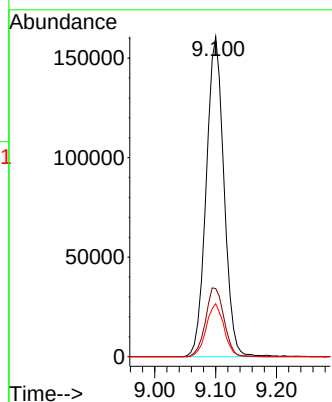
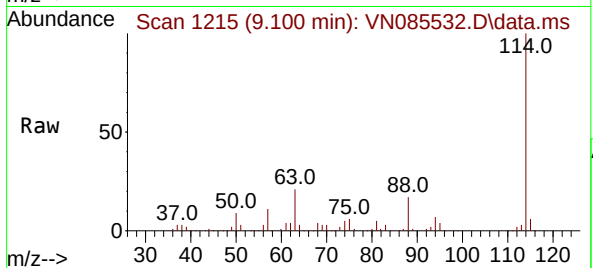
Tgt Ion:114 Resp: 325340

Ion Ratio Lower Upper

114 100

63 21.3 0.0 47.6

88 16.6 0.0 32.6



#35

Dibromofluoromethane

Concen: 52.809 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085532.D

Acq: 28 Jan 2025 12:36

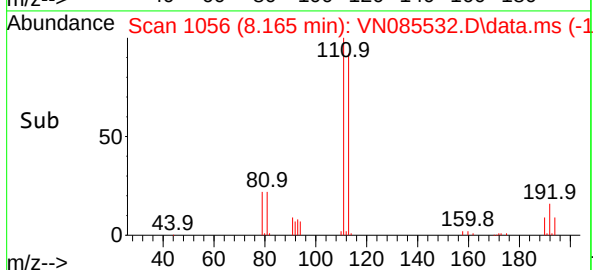
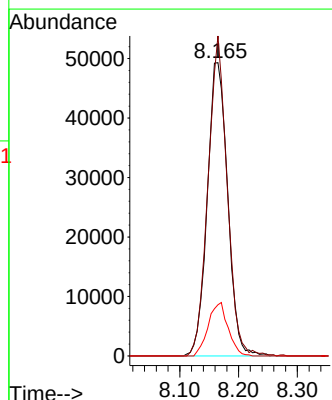
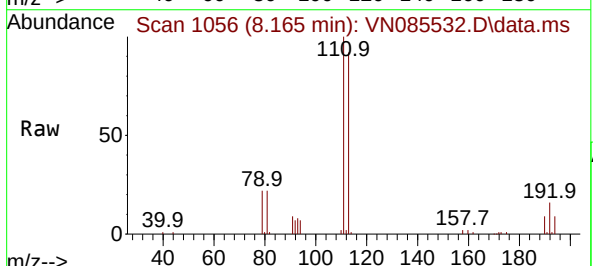
Tgt Ion:113 Resp: 119192

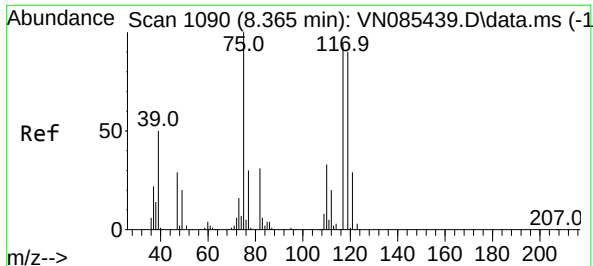
Ion Ratio Lower Upper

113 100

111 102.1 82.7 124.1

192 17.7 14.3 21.5





#36

1,1-Dichloropropene

Concen: 5.616 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN085532.D

Acq: 28 Jan 2025 12:36

Instrument :

MSVOA_N

ClientSampleId :

Storage-Blank-SAMPLE-MANAGEMENT

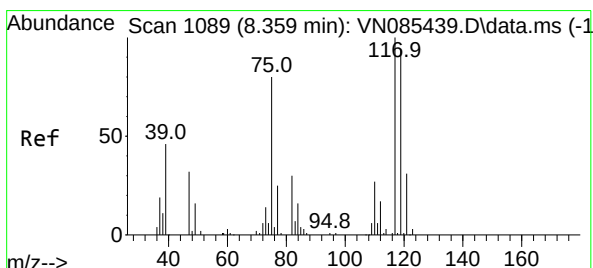
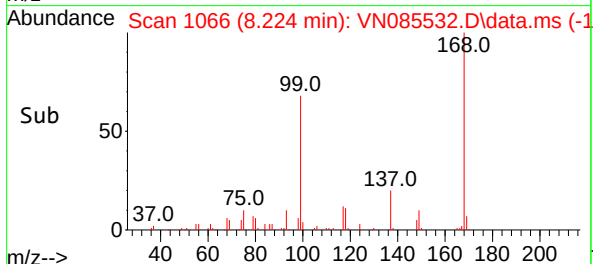
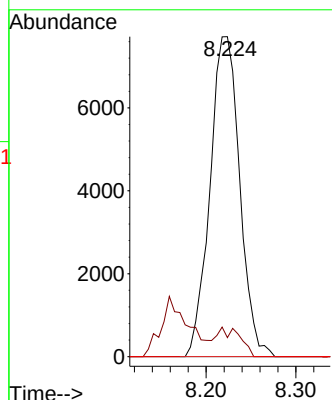
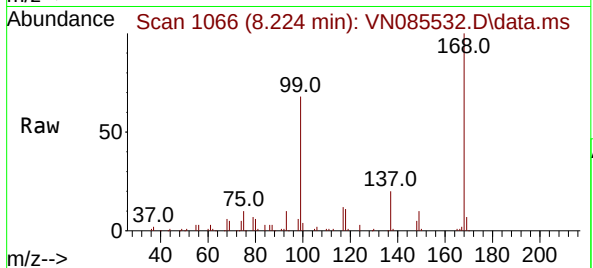
Tgt Ion: 75 Resp: 17790

Ion Ratio Lower Upper

75 100

110 7.0 16.5 49.5#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.513 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

Lab File: VN085532.D

Acq: 28 Jan 2025 12:36

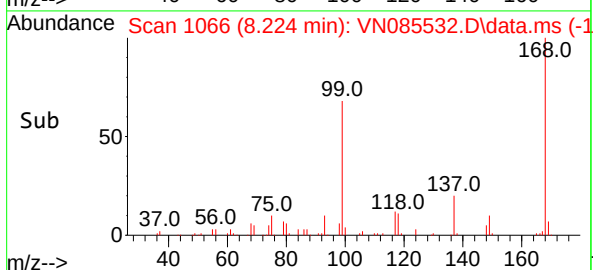
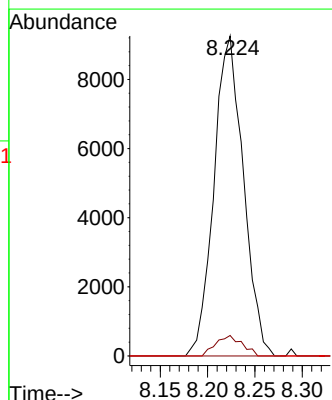
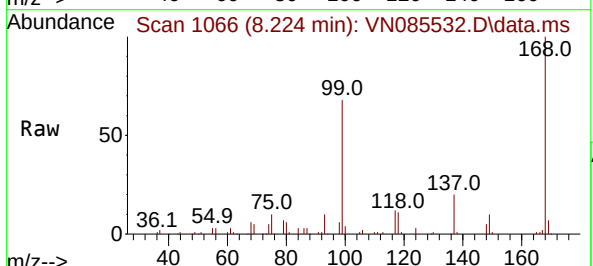
Tgt Ion: 117 Resp: 19993

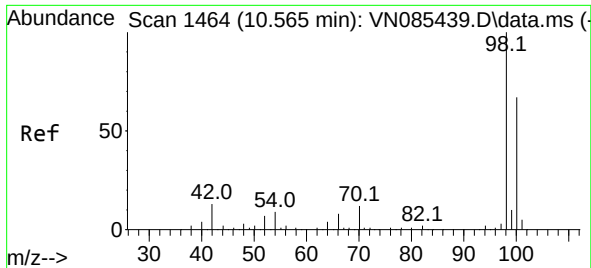
Ion Ratio Lower Upper

117 100

119 6.4 75.4 113.2#

121 0.0 24.6 37.0#

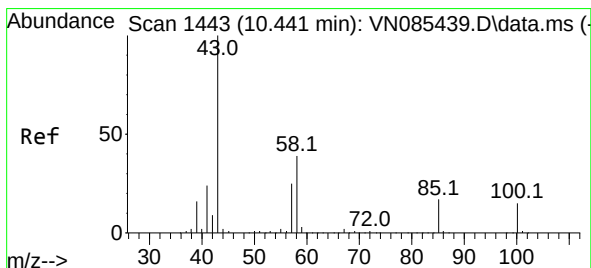
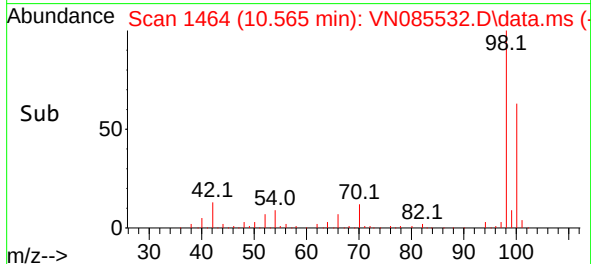
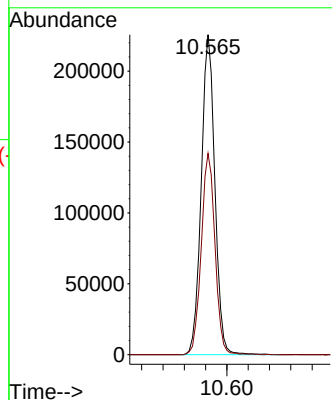
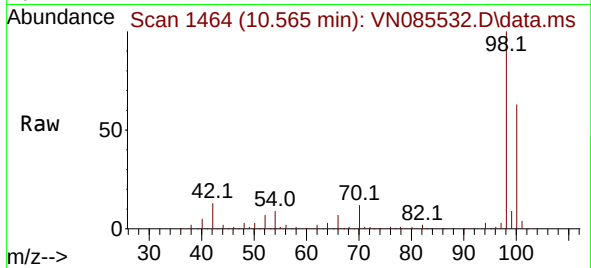




#50
Toluene-d8
Concen: 49.880 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085532.D
Acq: 28 Jan 2025 12:36

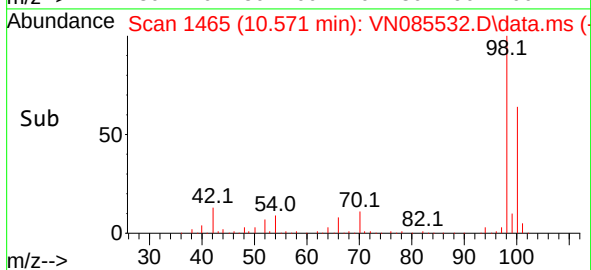
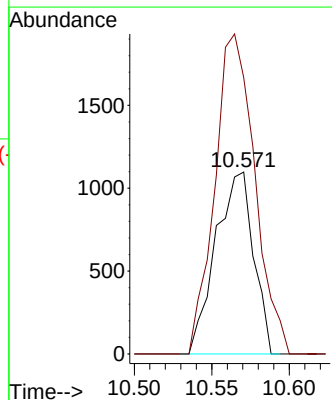
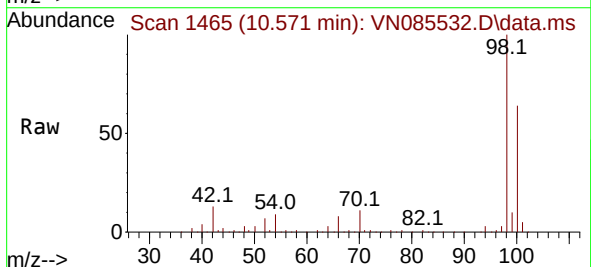
Instrument : MSVOA_N
ClientSampleId : Storage-Blank-SAMPLE-MANAGEMENT

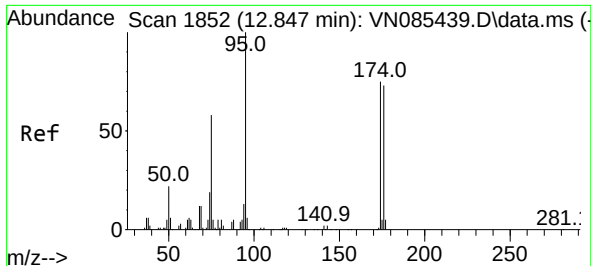
Tgt Ion: 98 Resp: 400005
Ion Ratio Lower Upper
98 100
100 63.4 52.2 78.4



#51
4-Methyl-2-Pentanone
Concen: 0.625 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.130 min
Lab File: VN085532.D
Acq: 28 Jan 2025 12:36

Tgt Ion: 43 Resp: 1859
Ion Ratio Lower Upper
43 100
58 186.4 30.5 45.7#

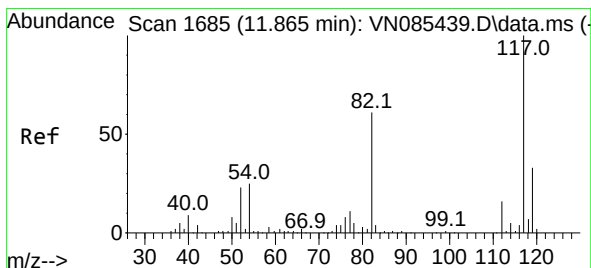
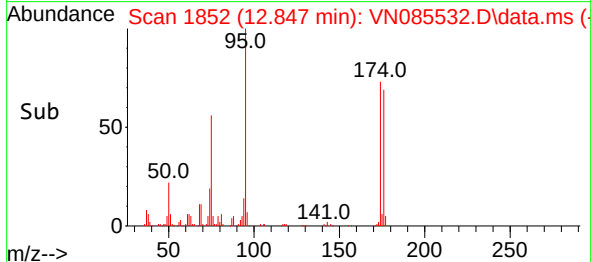
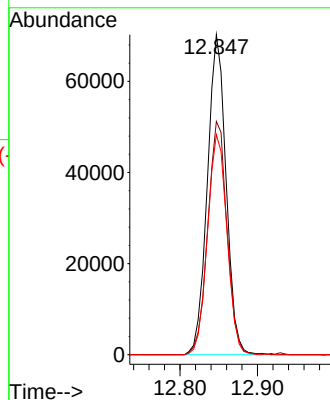
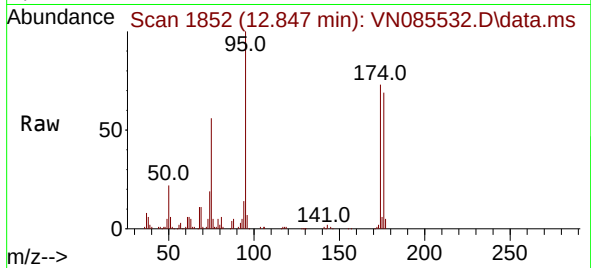




#62
4-Bromofluorobenzene
Concen: 42.933 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085532.D
Acq: 28 Jan 2025 12:36

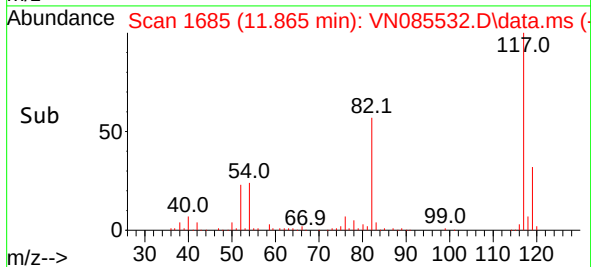
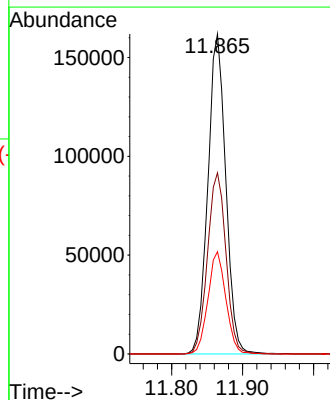
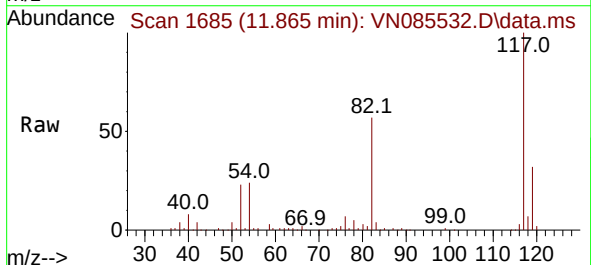
Instrument : MSVOA_N
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

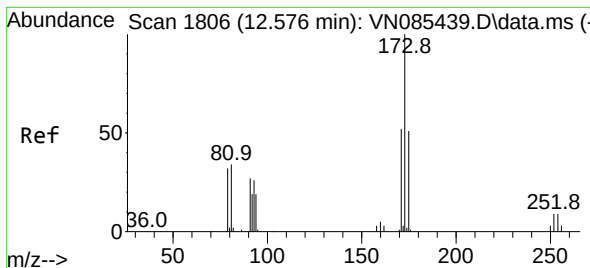
Tgt Ion: 95 Resp: 117774
Ion Ratio Lower Upper
95 100
174 74.9 0.0 145.0
176 71.3 0.0 142.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN085532.D
Acq: 28 Jan 2025 12:36

Tgt Ion: 117 Resp: 283619
Ion Ratio Lower Upper
117 100
82 56.6 48.6 72.8
119 32.0 26.6 39.8





#71

Bromoform

Concen: 0.792 ug/l

RT: 12.847 min Scan# 1806

Delta R.T. 0.270 min

Lab File: VN085532.D

Acq: 28 Jan 2025 12:36

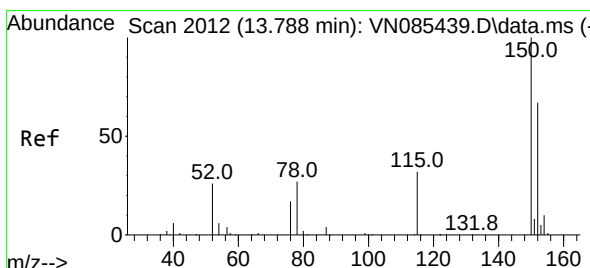
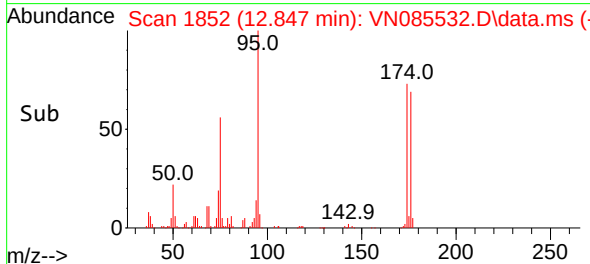
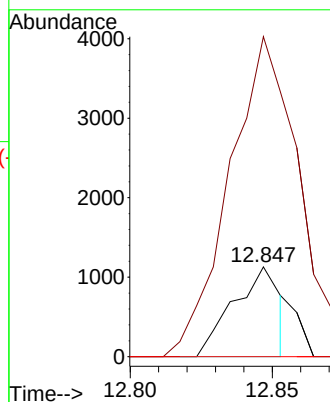
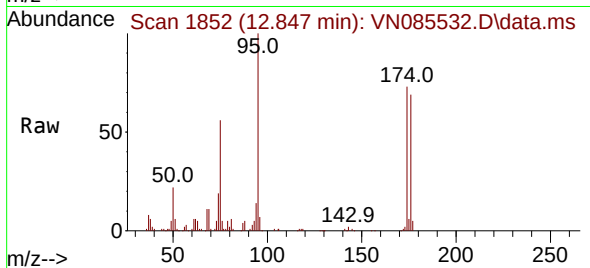
Instrument :

MSVOA_N

ClientSampleId :

Storage-Blank-SAMPLE-MANAGEMENT

Tgt Ion:173	Resp:	1293
Ion Ratio	Lower	Upper
173	100	
175	404.5	24.4 73.2#
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

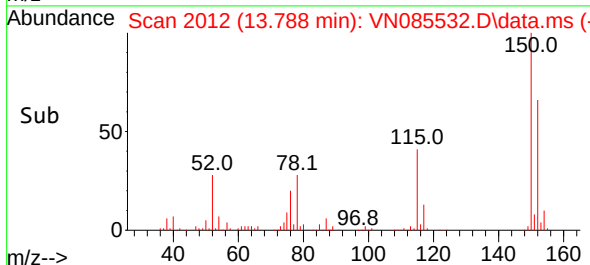
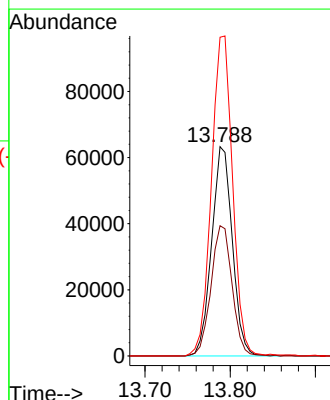
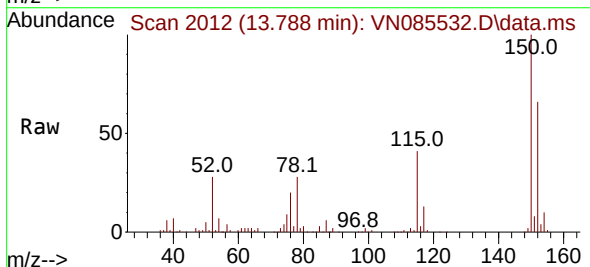
RT: 13.788 min Scan# 2012

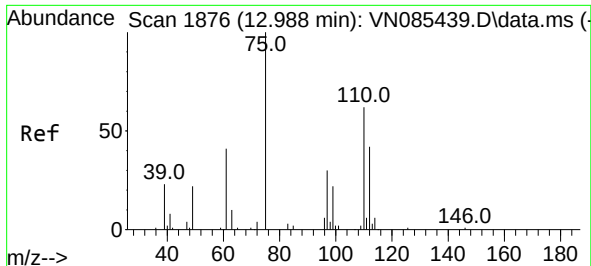
Delta R.T. -0.000 min

Lab File: VN085532.D

Acq: 28 Jan 2025 12:36

Tgt Ion:152	Resp:	106780
Ion Ratio	Lower	Upper
152	100	
115	63.3	31.1 93.3
150	156.8	0.0 343.6

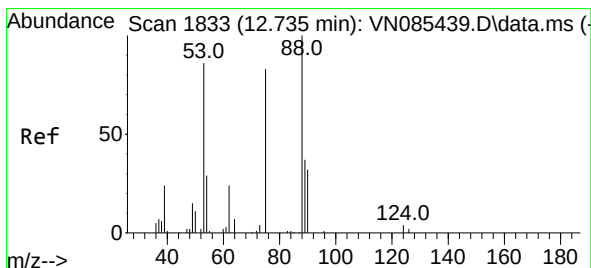
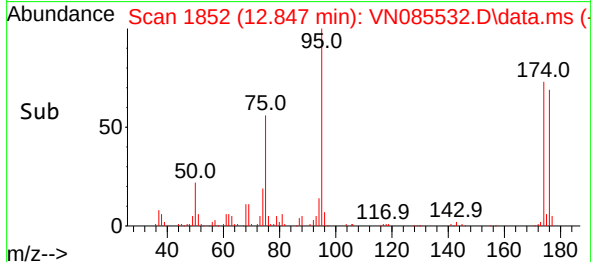
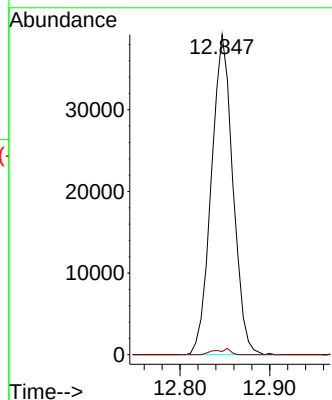
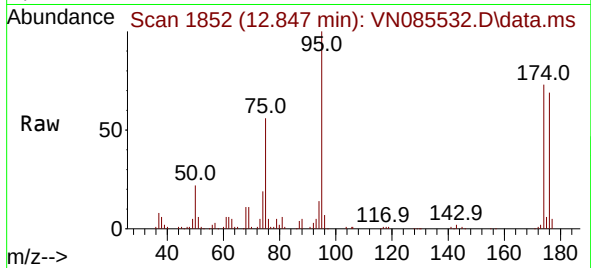




#76
1,2,3-Trichloropropane
Concen: 30.135 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN085532.D
Acq: 28 Jan 2025 12:36

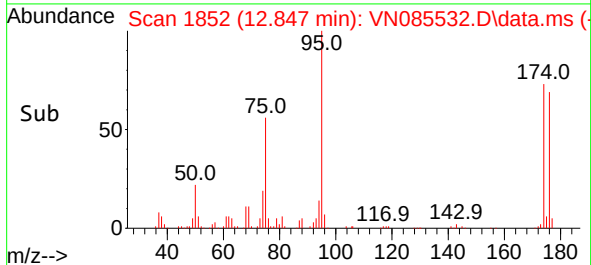
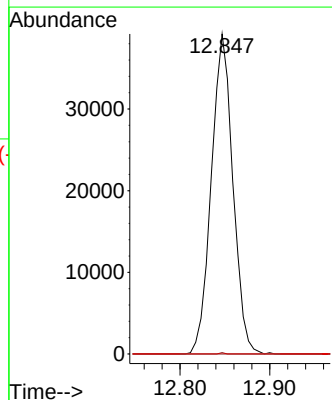
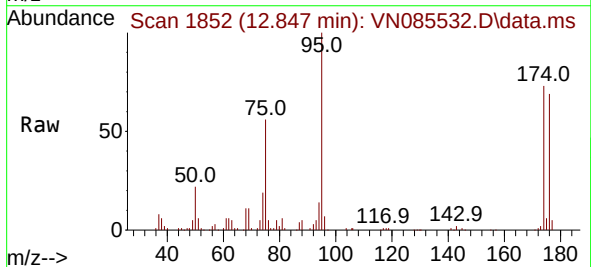
Instrument : MSVOA_N
ClientSampleId : Storage-Blank-SAMPLE-MANAGEMENT

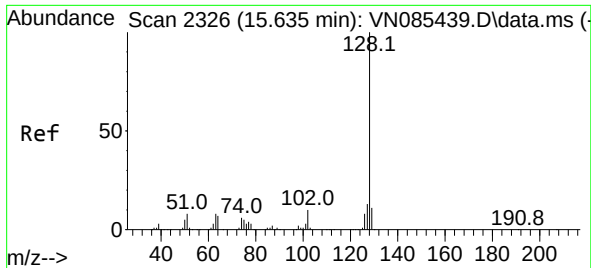
Tgt Ion: 75 Resp: 65403
Ion Ratio Lower Upper
75 100
77 1.4 109.7 329.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 81.533 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN085532.D
Acq: 28 Jan 2025 12:36

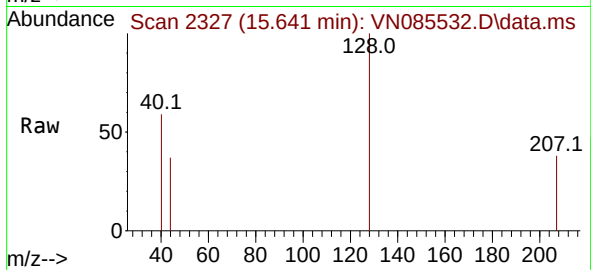
Tgt Ion: 75 Resp: 65403
Ion Ratio Lower Upper
75 100
53 0.1 95.6 143.4#
89 0.0 37.0 55.6#





#95
Naphthalene
Concen: 0.343 ug/l
RT: 15.641 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN085532.D
Acq: 28 Jan 2025 12:36

Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT



Tgt Ion:	128	Resp:	1647
Ion	Ratio	Lower	Upper
128	100		
127	3.3	10.6	16.0#
129	0.0	8.8	13.2#

