

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032425\
 Data File : VN086067.D
 Acq On : 24 Mar 2025 13:02
 Operator : JC\MD
 Sample : VN0324WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0324WBL01

Quant Time: Mar 25 01:21:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 19 03:20:56 2025
 Response via : Initial Calibration

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

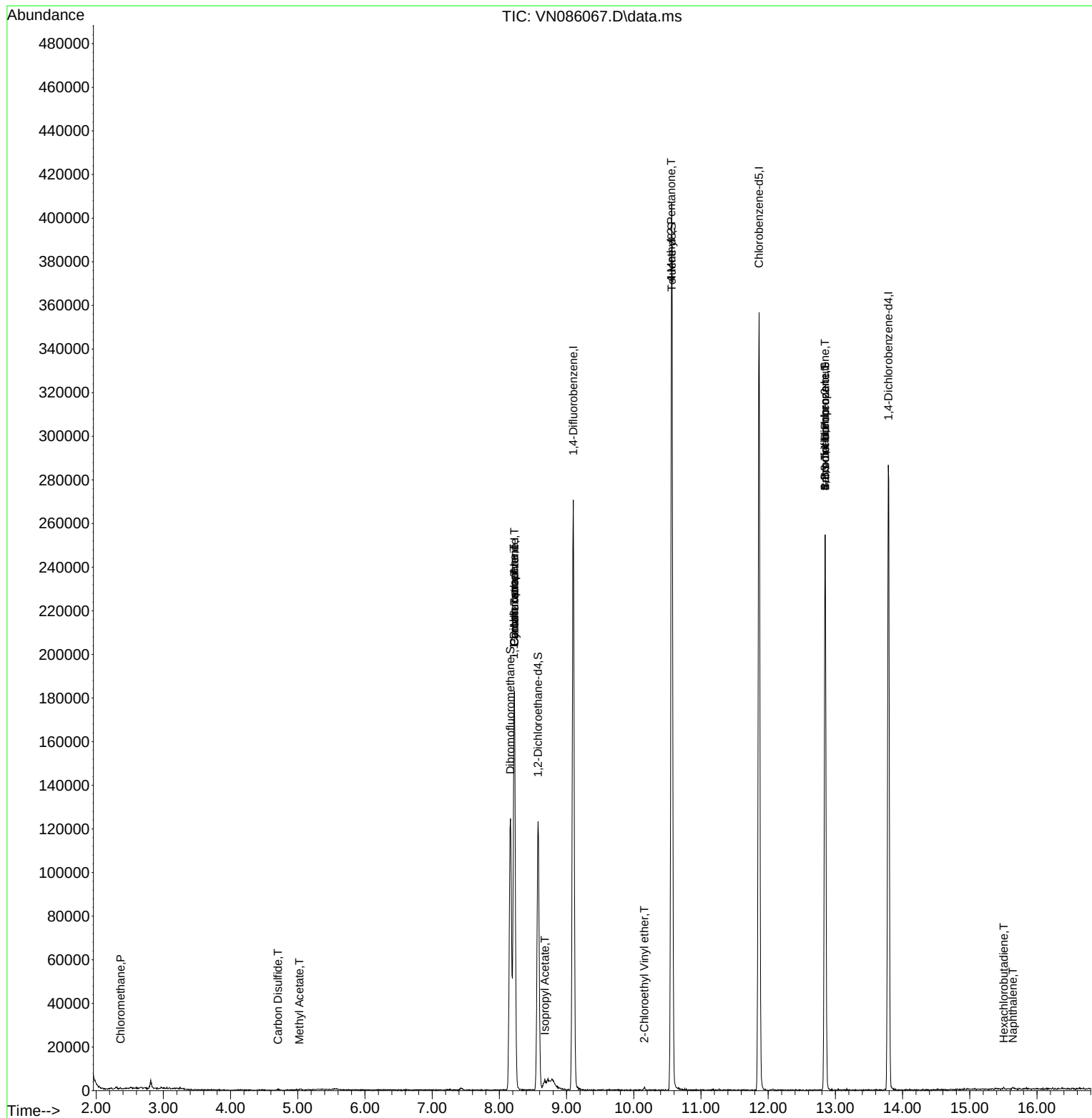
Internal Standards						
1) Pentafluorobenzene	8.224	168	131247	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	230937	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	213386	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	85734	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	104038	57.888	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 115.780%	
35) Dibromofluoromethane	8.165	113	90332	56.040	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 112.080%	
50) Toluene-d8	10.565	98	287377	49.123	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.240%	
62) 4-Bromofluorobenzene	12.847	95	88547	42.442	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 84.880%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	317	0.208	ug/l #	42
17) Carbon Disulfide	4.706	76	963	0.218	ug/l #	74
18) Methyl Acetate	5.024	43	279	0.205	ug/l #	45
31) Cyclohexane	8.224	56	2682	1.198	ug/l #	5
36) 1,1-Dichloropropene	8.218	75	10591	4.990	ug/l #	48
38) Carbon Tetrachloride	8.224	117	13992	5.014	ug/l #	18
43) Isopropyl Acetate	8.677	43	2851	0.735	ug/l #	50
51) 4-Methyl-2-Pentanone	10.559	43	794	0.464	ug/l #	1
58) 2-Chloroethyl Vinyl ether	10.159	63	579	4.211	ug/l	90
71) Bromoform	12.847	173	940	0.619	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	45086	23.489	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	45086	62.102	ug/l #	16
94) Hexachlorobutadiene	15.506	225	463	0.543	ug/l #	68
95) Naphthalene	15.641	128	1444	0.339	ug/l #	69

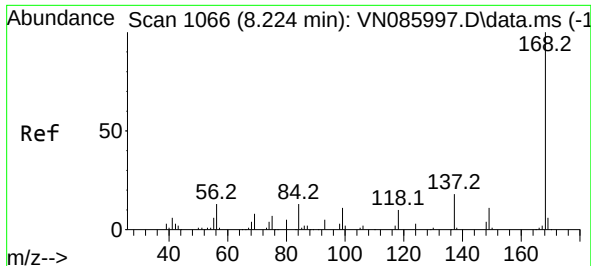
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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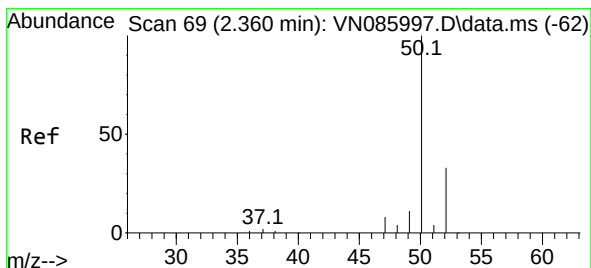
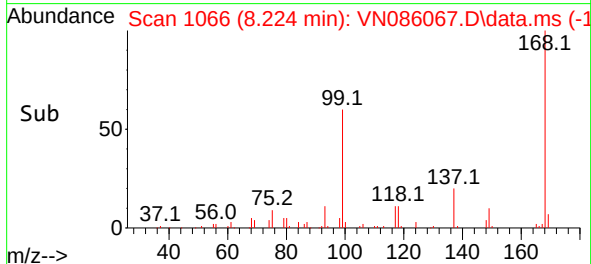
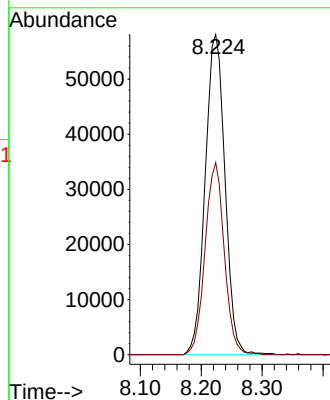
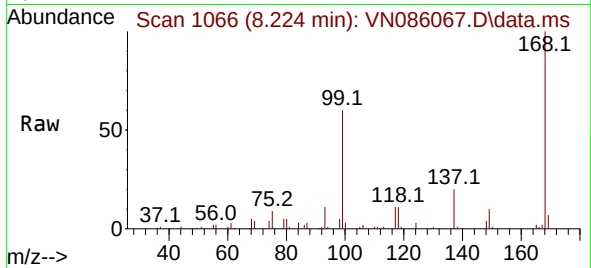




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086067.D
Acq: 24 Mar 2025 13:02

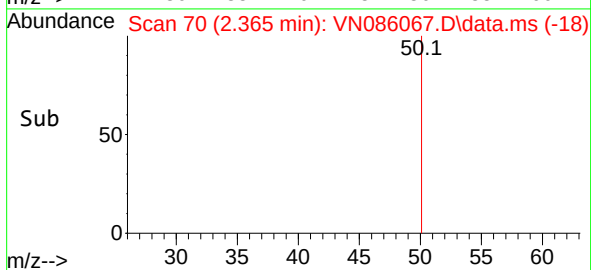
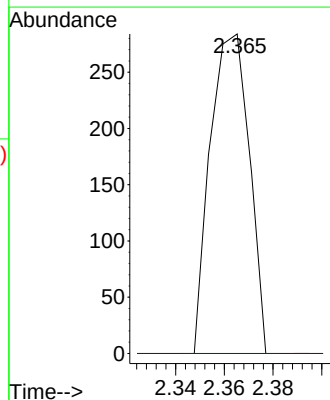
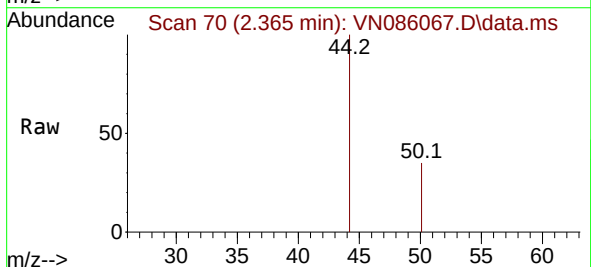
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBL01

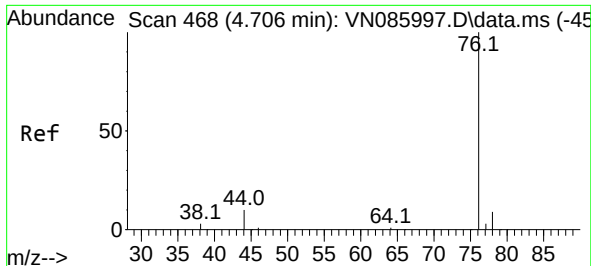
Tgt Ion:168 Resp: 131247
Ion Ratio Lower Upper
168 100
99 60.0 49.4 74.2



#3
Chloromethane
Concen: 0.208 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN086067.D
Acq: 24 Mar 2025 13:02

Tgt Ion: 50 Resp: 317
Ion Ratio Lower Upper
50 100
52 0.0 26.0 39.0#

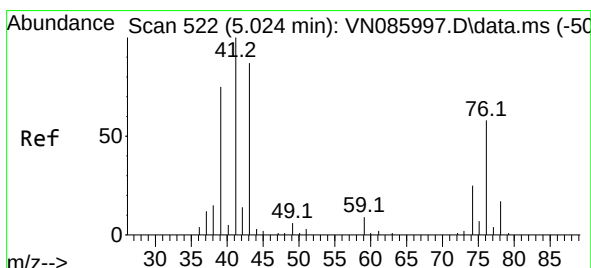
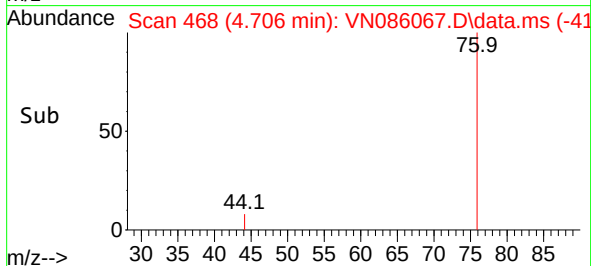
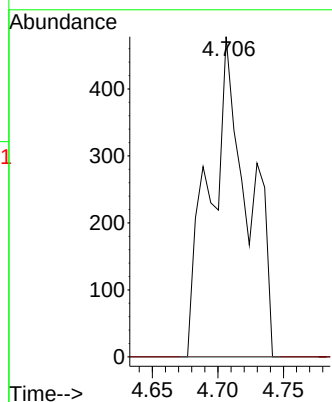
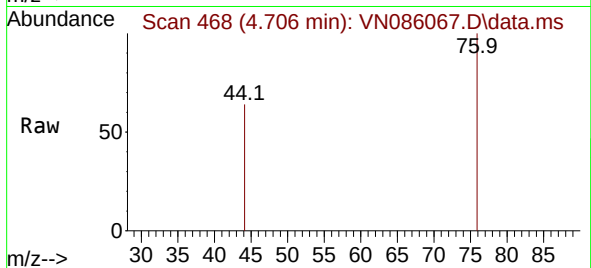




#17
Carbon Disulfide
Concen: 0.218 ug/l
RT: 4.706 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN086067.D
Acq: 24 Mar 2025 13:02

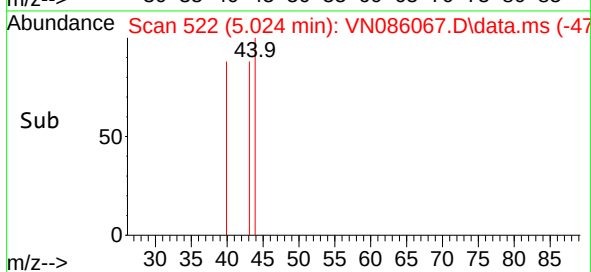
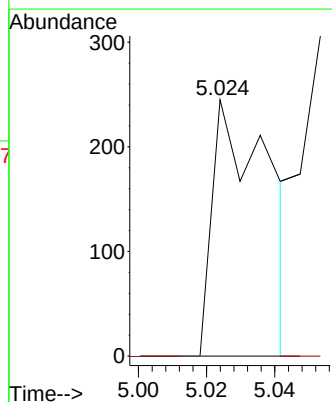
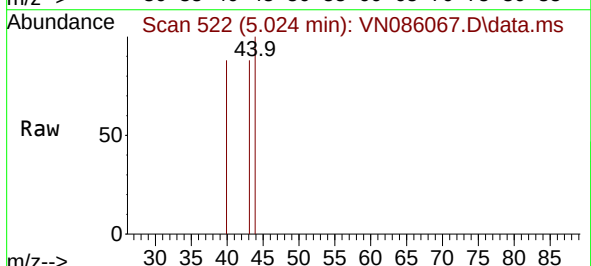
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBL01

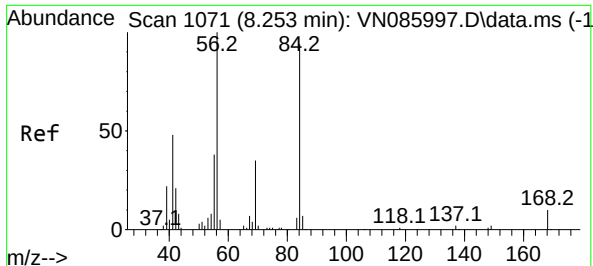
Tgt Ion: 76 Resp: 963
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.2#



#18
Methyl Acetate
Concen: 0.205 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN086067.D
Acq: 24 Mar 2025 13:02

Tgt Ion: 43 Resp: 279
Ion Ratio Lower Upper
43 100
74 0.0 23.9 35.9#

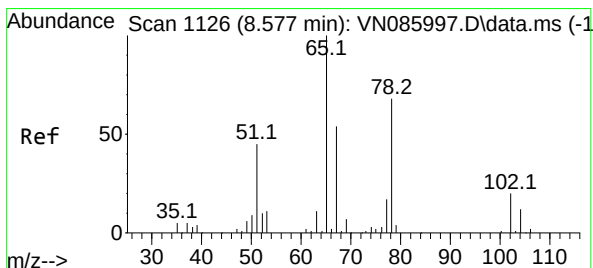
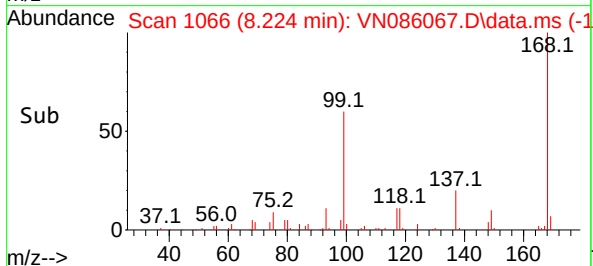
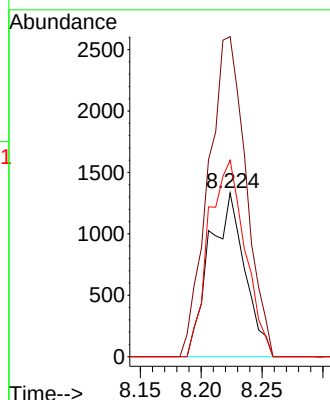
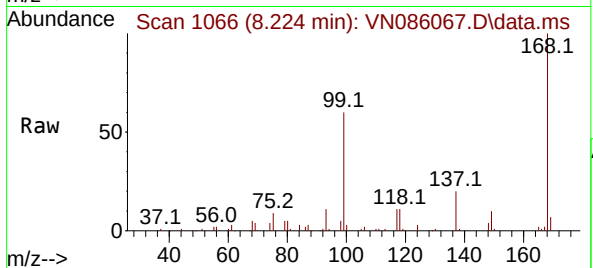




#31
Cyclohexane
Concen: 1.198 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.030 min
Lab File: VN086067.D
Acq: 24 Mar 2025 13:02

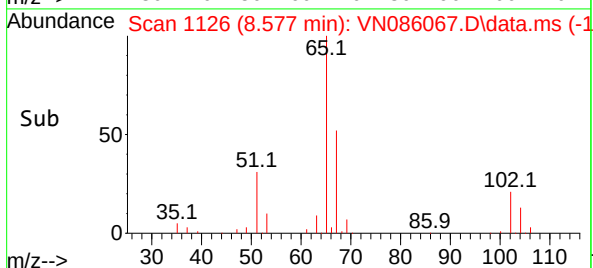
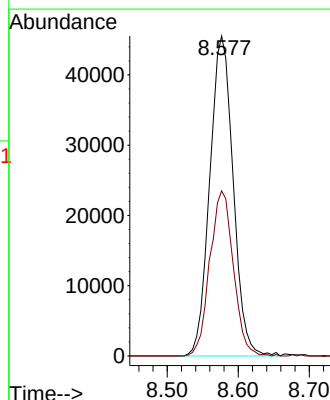
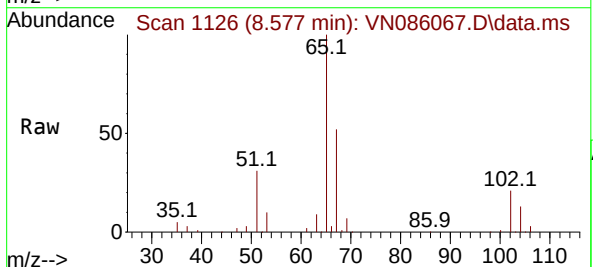
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBL01

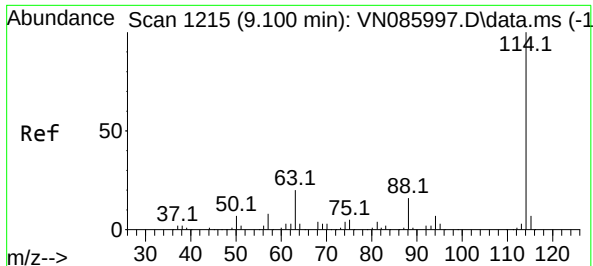
Tgt Ion: 56 Resp: 2682
Ion Ratio Lower Upper
56 100
69 195.4 28.0 42.0#
84 120.0 75.0 112.6#



#33
1,2-Dichloroethane-d4
Concen: 57.888 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086067.D
Acq: 24 Mar 2025 13:02

Tgt Ion: 65 Resp: 104038
Ion Ratio Lower Upper
65 100
67 51.9 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN086067.D

Acq: 24 Mar 2025 13:02

Instrument :

MSVOA_N

ClientSampleId :

VN0324WBL01

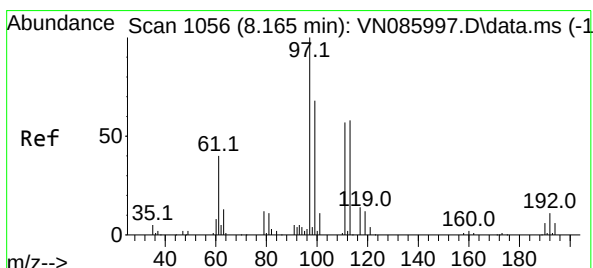
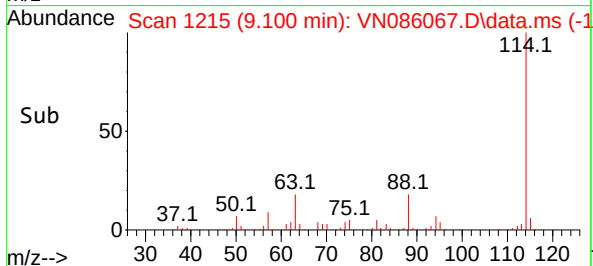
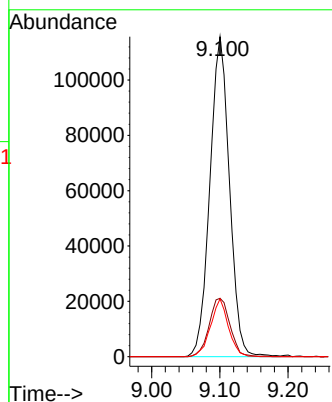
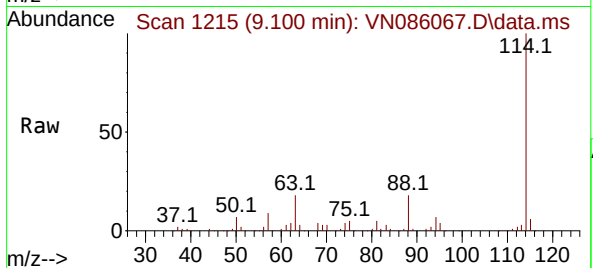
Tgt Ion:114 Resp: 230937

Ion Ratio Lower Upper

114 100

63 18.2 0.0 39.6

88 18.0 0.0 32.6



#35

Dibromofluoromethane

Concen: 56.040 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086067.D

Acq: 24 Mar 2025 13:02

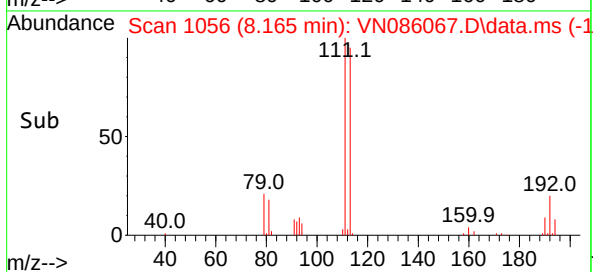
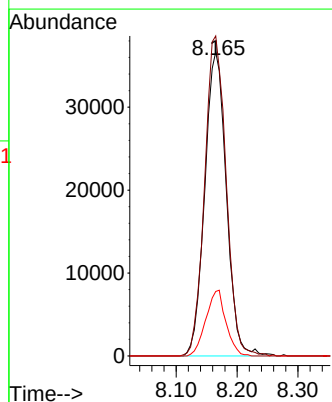
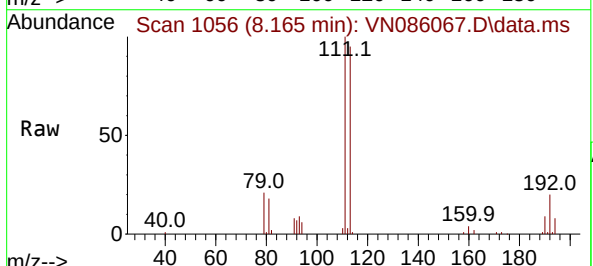
Tgt Ion:113 Resp: 90332

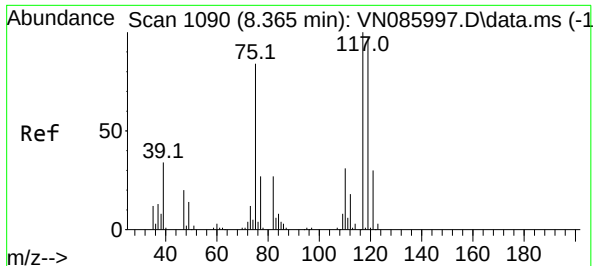
Ion Ratio Lower Upper

113 100

111 104.9 81.8 122.8

192 20.1 15.9 23.9

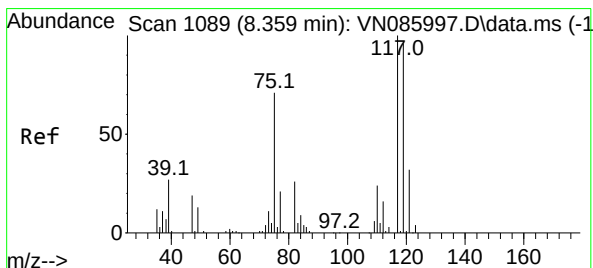
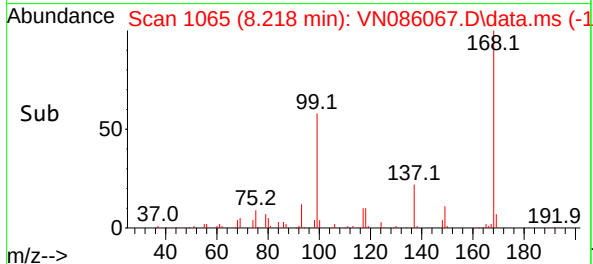
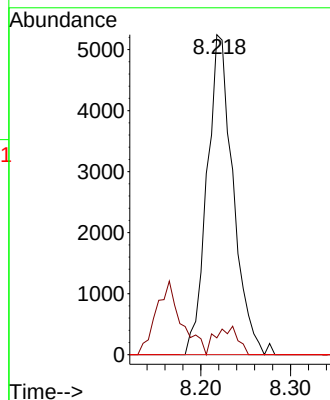
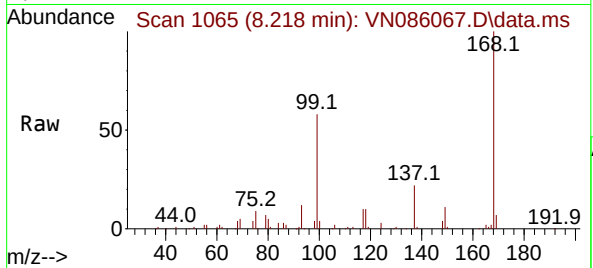




#36
 1,1-Dichloropropene
 Concen: 4.990 ug/l
 RT: 8.218 min Scan# 1065
 Delta R.T. -0.147 min
 Lab File: VN086067.D
 Acq: 24 Mar 2025 13:02

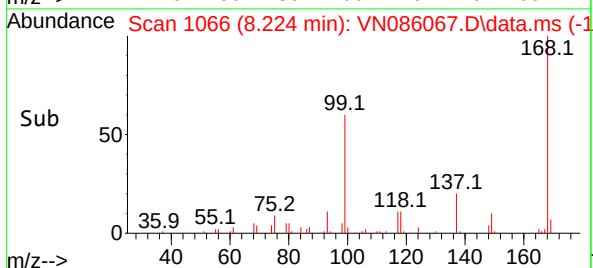
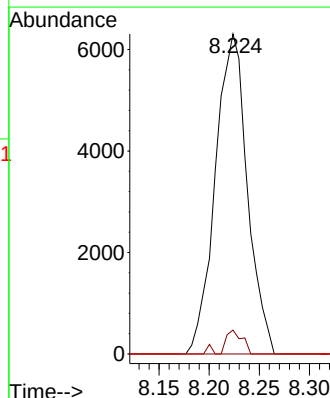
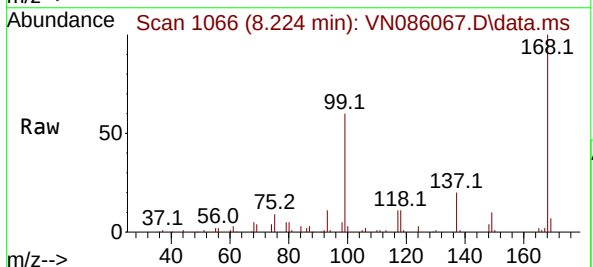
Instrument :
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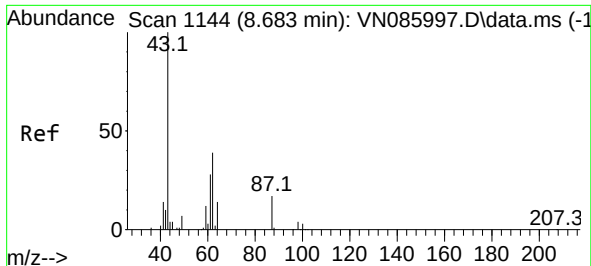
Tgt Ion: 75 Resp: 10591
 Ion Ratio Lower Upper
 75 100
 110 7.5 17.8 53.3#
 77 0.0 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 5.014 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. -0.135 min
 Lab File: VN086067.D
 Acq: 24 Mar 2025 13:02

Tgt Ion: 117 Resp: 13992
 Ion Ratio Lower Upper
 117 100
 119 7.5 77.0 115.4#
 121 0.0 25.6 38.4#

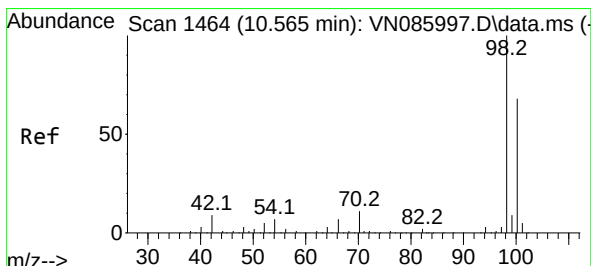
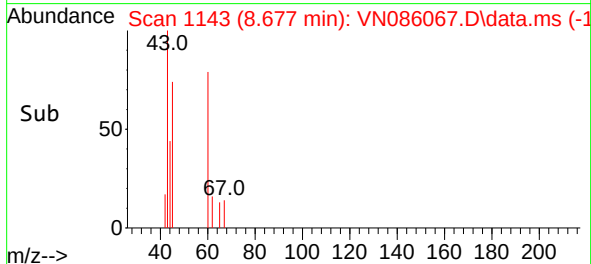
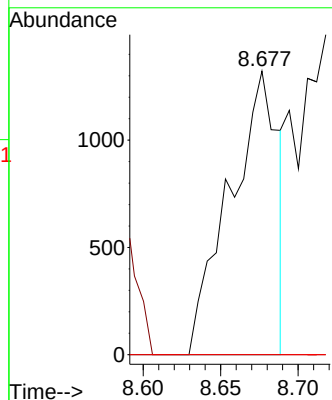
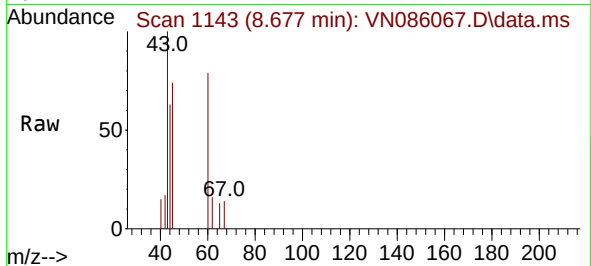




#43
Isopropyl Acetate
Concen: 0.735 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.006 min
Lab File: VN086067.D
Acq: 24 Mar 2025 13:02

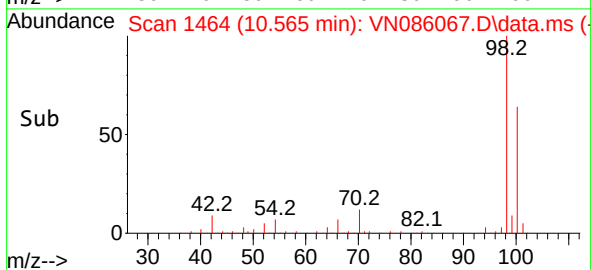
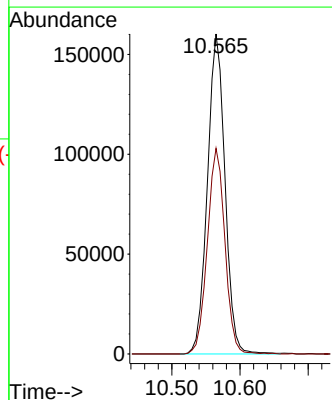
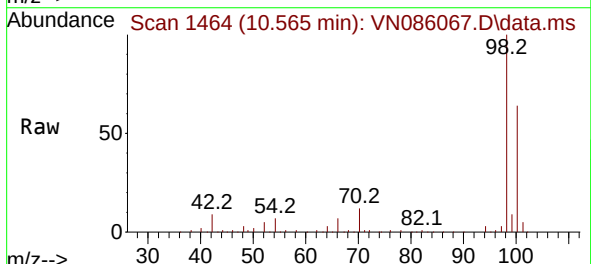
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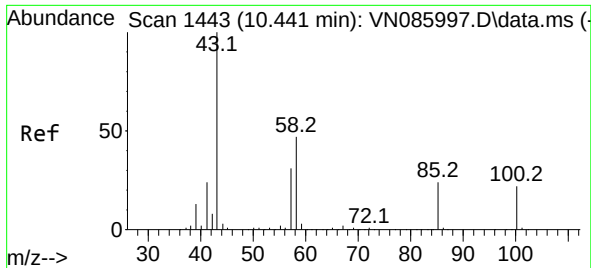
Tgt Ion: 43 Resp: 2851
Ion Ratio Lower Upper
43 100
61 0.0 25.0 37.6#
87 0.0 13.0 19.4#



#50
Toluene-d8
Concen: 49.123 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086067.D
Acq: 24 Mar 2025 13:02

Tgt Ion: 98 Resp: 287377
Ion Ratio Lower Upper
98 100
100 64.2 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 0.464 ug/l

RT: 10.559 min Scan# 1443

Delta R.T. 0.117 min

Lab File: VN086067.D

Acq: 24 Mar 2025 13:02

Instrument :

MSVOA_N

ClientSampleId :

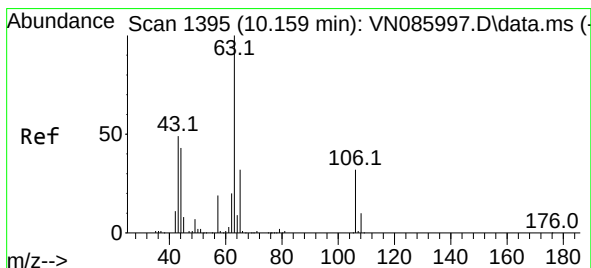
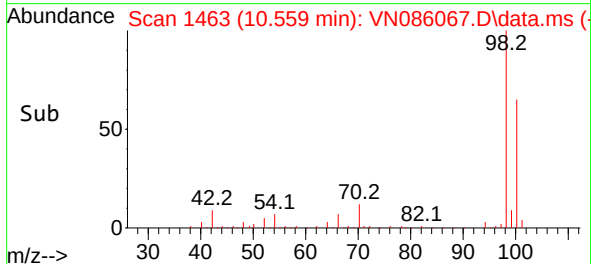
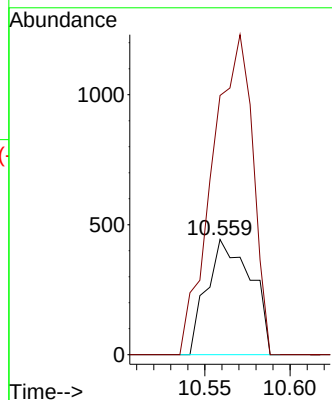
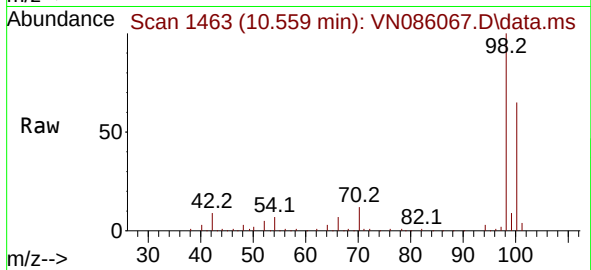
VN0324WBL01

Tgt Ion: 43 Resp: 794

Ion Ratio Lower Upper

43 100

58 256.8 37.4 56.0#



#58

2-Chloroethyl Vinyl ether

Concen: 4.211 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN086067.D

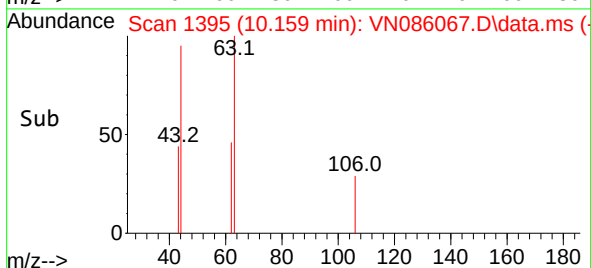
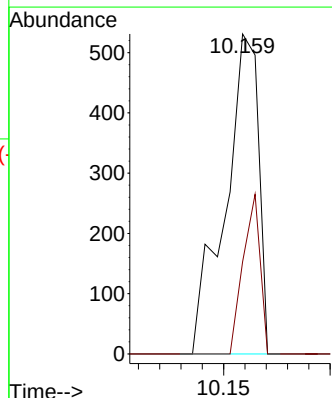
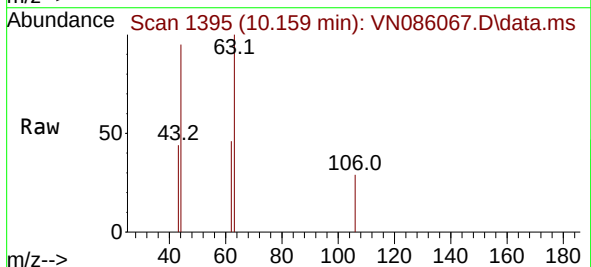
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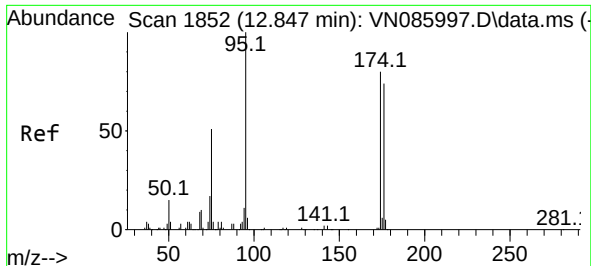
Tgt Ion: 63 Resp: 579

Ion Ratio Lower Upper

63 100

106 25.6 25.0 37.6

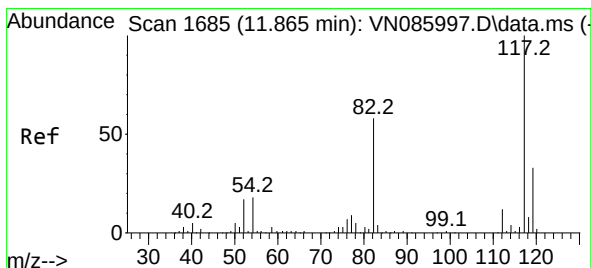
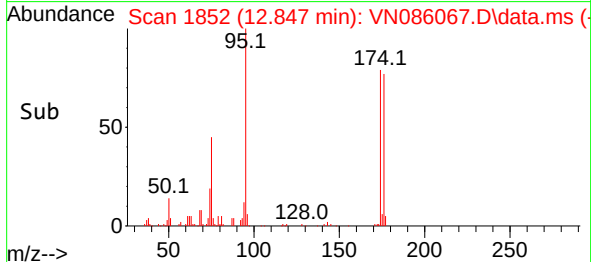
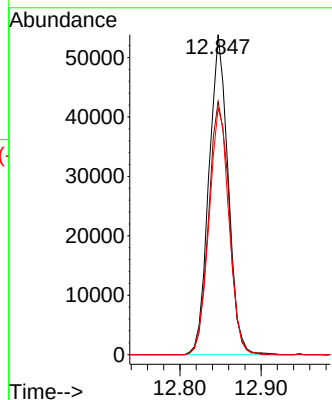
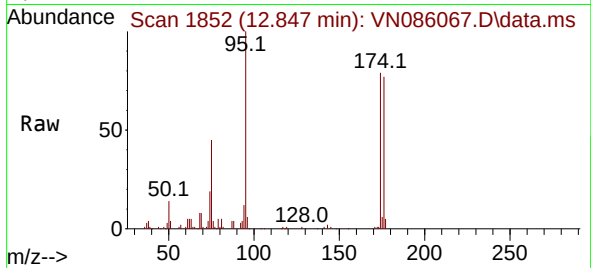




#62
4-Bromofluorobenzene
Concen: 42.442 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086067.D
Acq: 24 Mar 2025 13:02

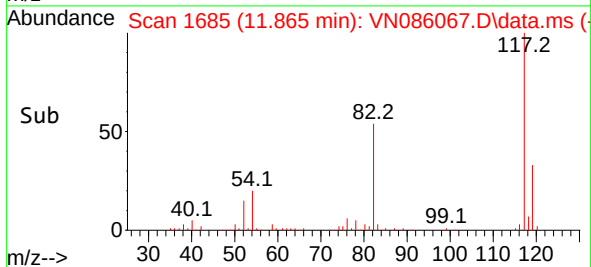
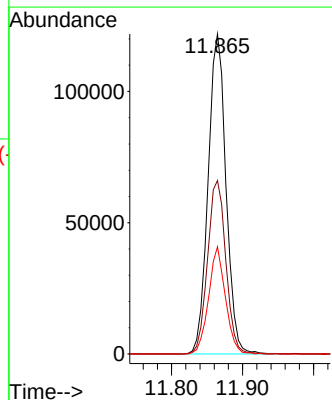
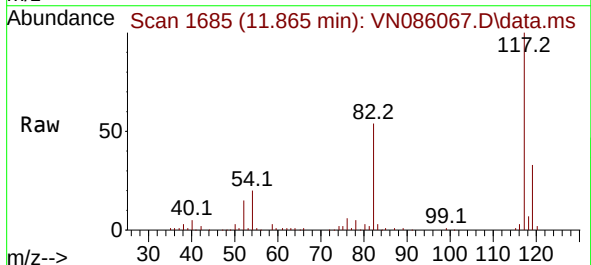
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBL01

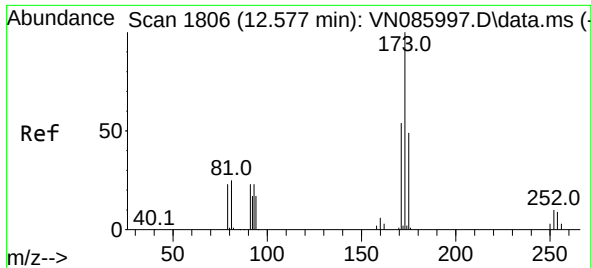
Tgt Ion: 95 Resp: 88547
Ion Ratio Lower Upper
95 100
174 83.9 0.0 156.8
176 80.3 0.0 152.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086067.D
Acq: 24 Mar 2025 13:02

Tgt Ion: 117 Resp: 213386
Ion Ratio Lower Upper
117 100
82 54.2 46.7 70.1
119 33.5 26.5 39.7

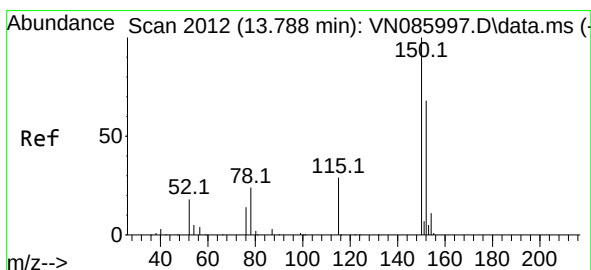
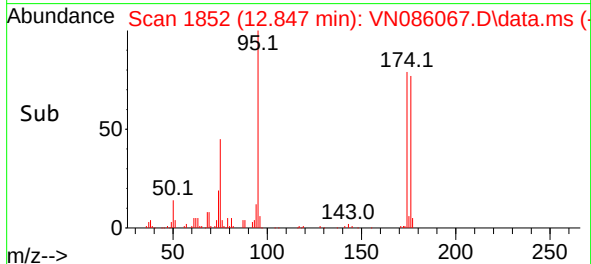
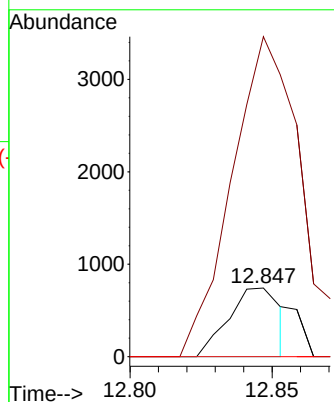
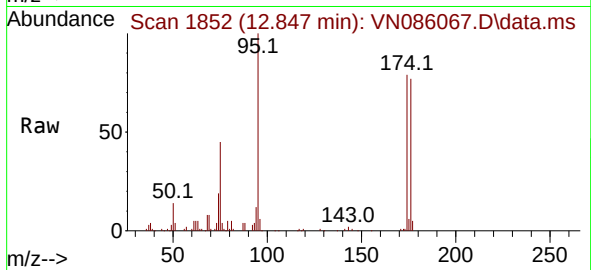




#71
Bromoform
Concen: 0.619 ug/l
RT: 12.847 min Scan# 1806
Delta R.T. 0.270 min
Lab File: VN086067.D
Acq: 24 Mar 2025 13:02

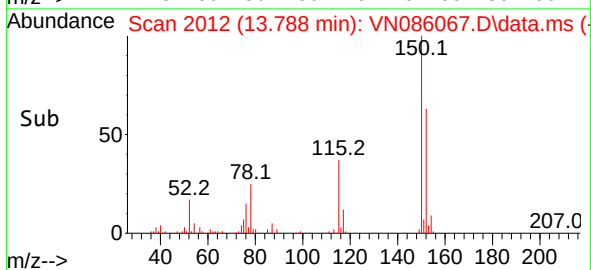
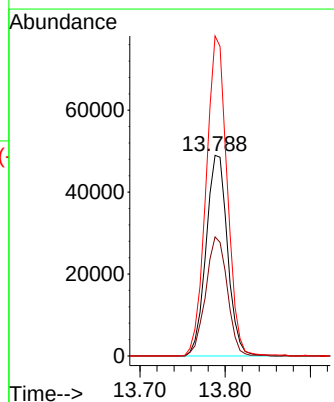
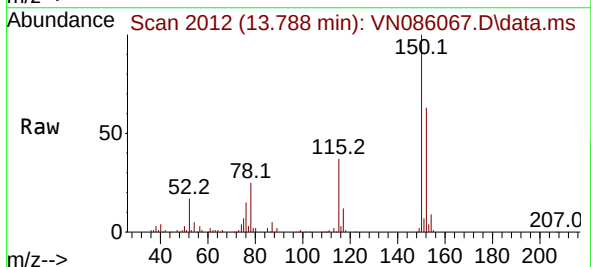
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBL01

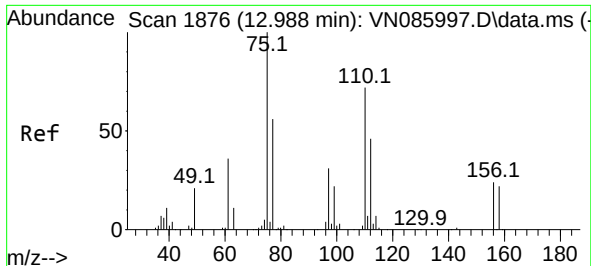
Tgt Ion:173 Resp: 940
Ion Ratio Lower Upper
173 100
175 465.4 24.3 73.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086067.D
Acq: 24 Mar 2025 13:02

Tgt Ion:152 Resp: 85734
Ion Ratio Lower Upper
152 100
115 59.8 31.1 93.2
150 155.7 0.0 359.6

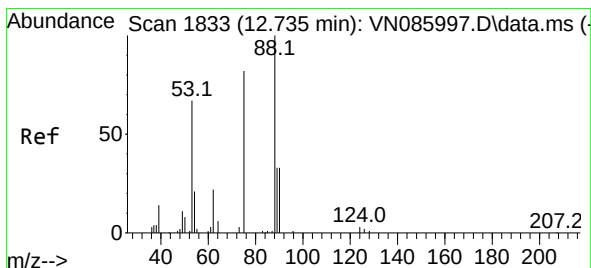
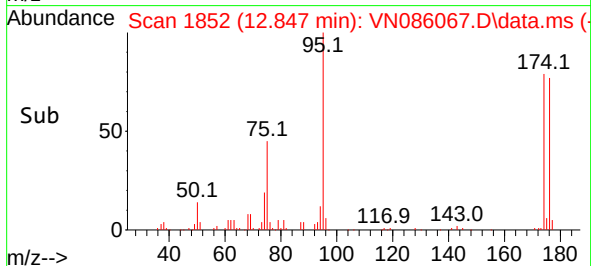
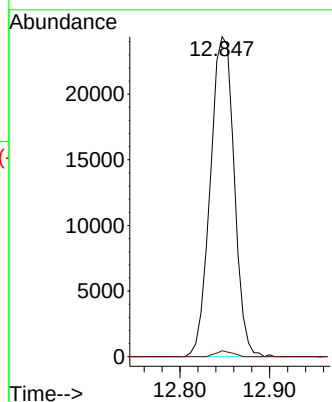
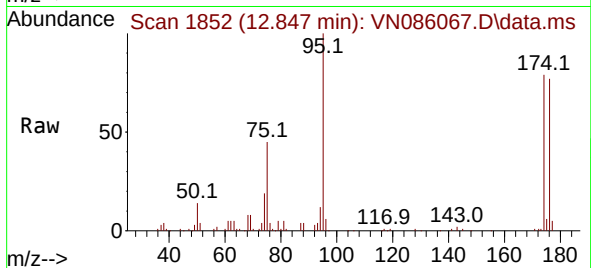




#76
1,2,3-Trichloropropane
Concen: 23.489 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN086067.D
Acq: 24 Mar 2025 13:02

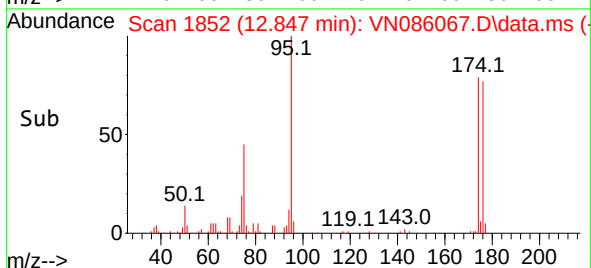
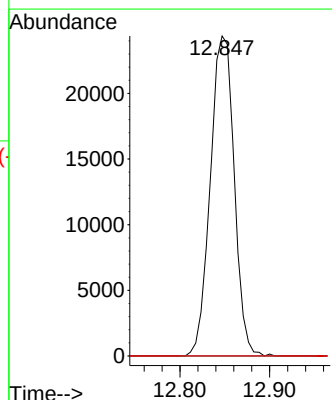
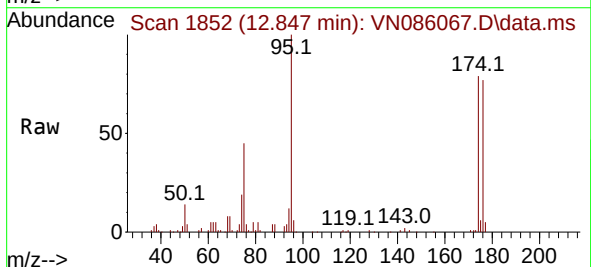
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBL01

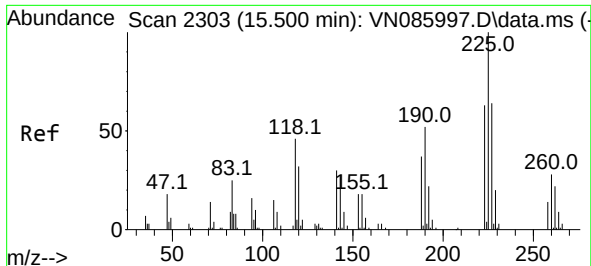
Tgt Ion: 75 Resp: 45086
Ion Ratio Lower Upper
75 100
77 1.3 83.7 251.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.102 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN086067.D
Acq: 24 Mar 2025 13:02

Tgt Ion: 75 Resp: 45086
Ion Ratio Lower Upper
75 100
53 0.0 66.0 99.0#
89 0.0 36.9 55.3#

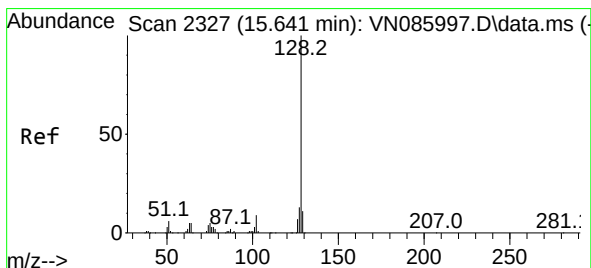
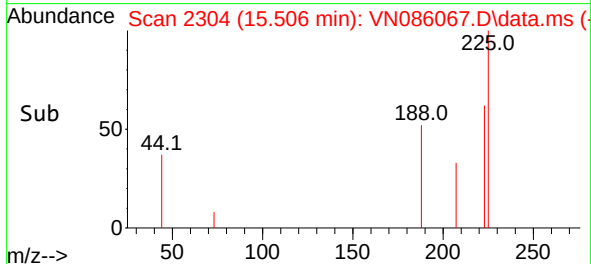
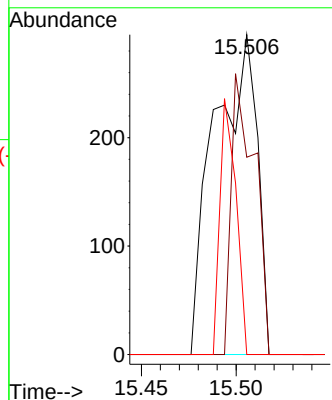
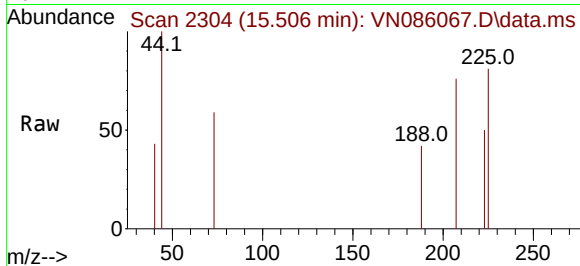




#94
Hexachlorobutadiene
Concen: 0.543 ug/l
RT: 15.506 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN086067.D
Acq: 24 Mar 2025 13:02

Instrument :
MSVOA_N
ClientSampleId :
VN0324WBL01

Tgt Ion:225 Resp: 463
Ion Ratio Lower Upper
225 100
223 47.7 31.3 93.9
227 30.0 32.1 96.3#



#95
Naphthalene
Concen: 0.339 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN086067.D
Acq: 24 Mar 2025 13:02

Tgt Ion:128 Resp: 1444
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.4#
129 0.0 9.0 13.6#

