

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032625\
 Data File : VN086120.D
 Acq On : 26 Mar 2025 12:37
 Operator : JC\MD
 Sample : VN0326WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0326WBL01

Quant Time: Mar 27 01:34:00 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)

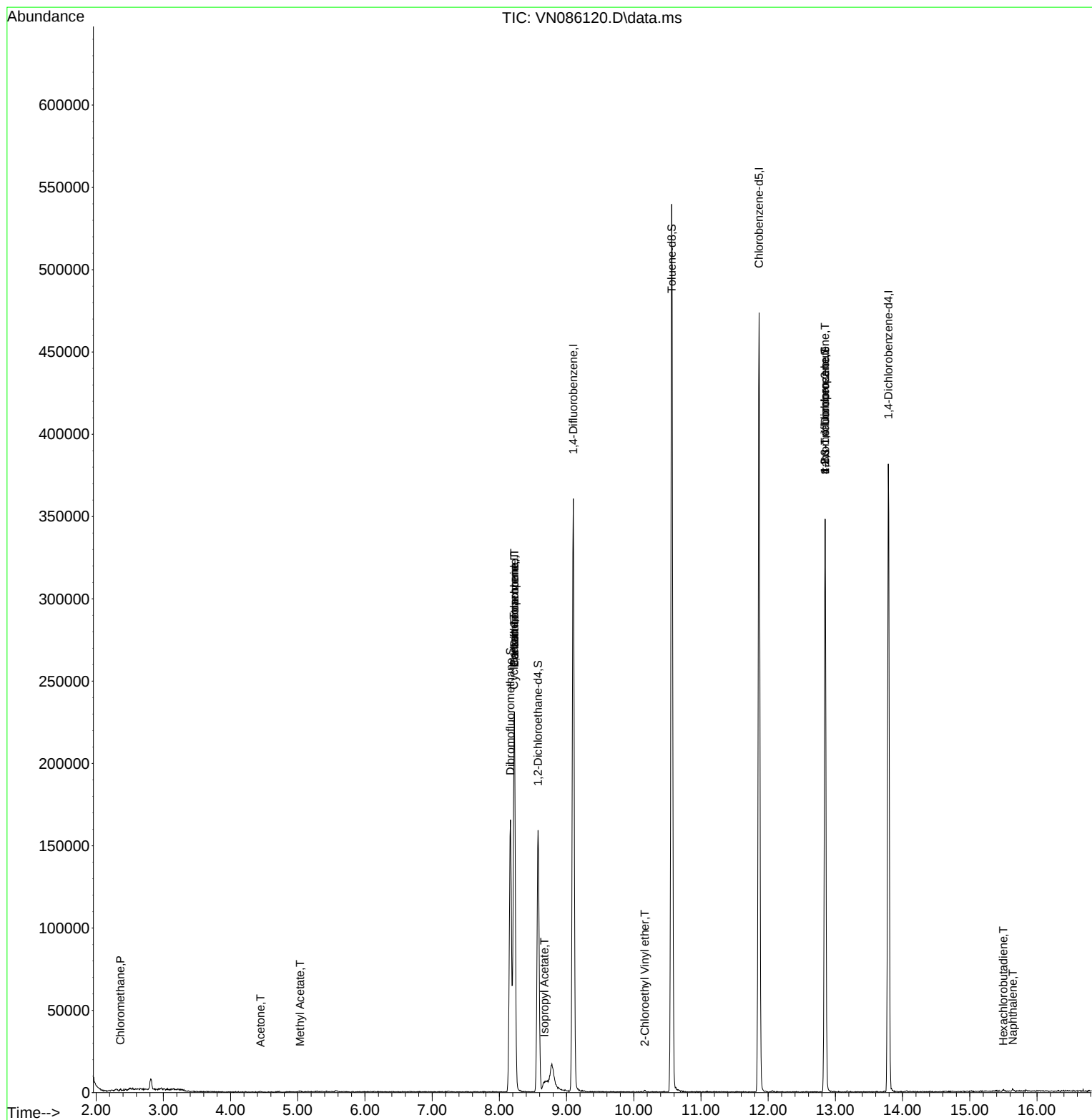
Internal Standards						
1) Pentafluorobenzene	8.224	168	165546	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	311785	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	280557	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	111001	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	131885	58.179	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 116.360%			
35) Dibromofluoromethane	8.165	113	117058	53.790	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.580%			
50) Toluene-d8	10.565	98	383585	48.566	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.140%			
62) 4-Bromofluorobenzene	12.847	95	121048	42.975	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 85.940%			
Target Compounds						Qvalue
3) Chloromethane	2.359	50	504	0.262	ug/l #	55
16) Acetone	4.448	43	525	0.758	ug/l #	38
18) Methyl Acetate	5.036	43	822	0.480	ug/l #	45
31) Cyclohexane	8.218	56	3306	1.170	ug/l #	9
36) 1,1-Dichloropropene	8.224	75	13175	4.598	ug/l #	46
38) Carbon Tetrachloride	8.224	117	17017	4.517	ug/l #	16
43) Isopropyl Acetate	8.671	43	3414	0.652	ug/l #	50
58) 2-Chloroethyl Vinyl ether	10.165	63	532	3.968	ug/l #	83
76) 1,2,3-Trichloropropane	12.847	75	61158	24.610	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	61158	65.064	ug/l #	16
94) Hexachlorobutadiene	15.500	225	594	0.538	ug/l #	42
95) Naphthalene	15.641	128	1794	0.325	ug/l #	69

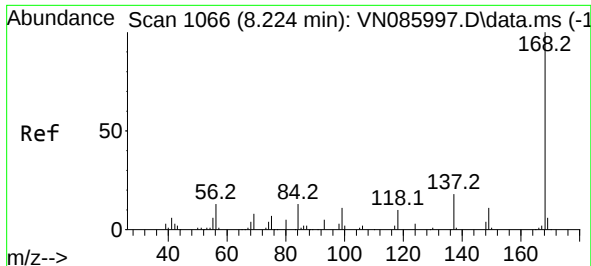
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032625\
Data File : VN086120.D
Acq On : 26 Mar 2025 12:37
Operator : JC\MD
Sample : VN0326WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0326WBL01

Quant Time: Mar 27 01:34:00 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

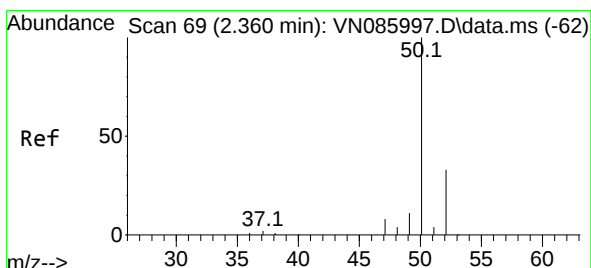
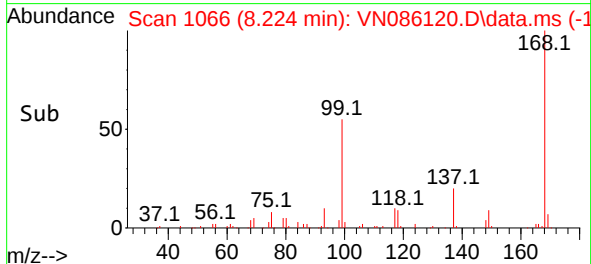
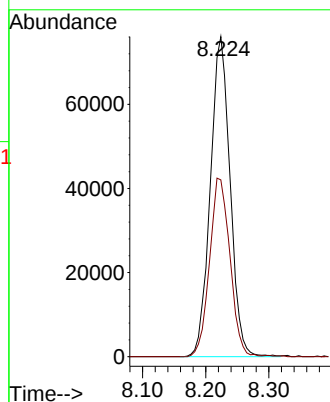
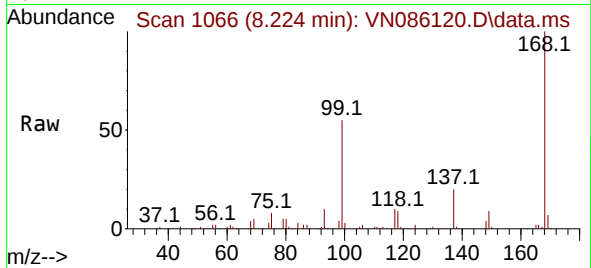




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086120.D
Acq: 26 Mar 2025 12:37

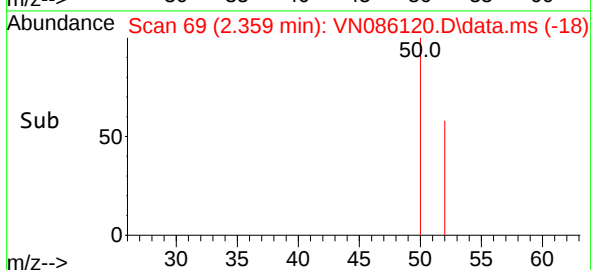
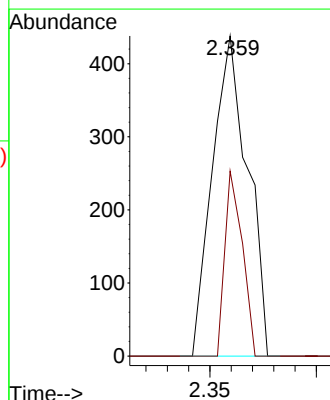
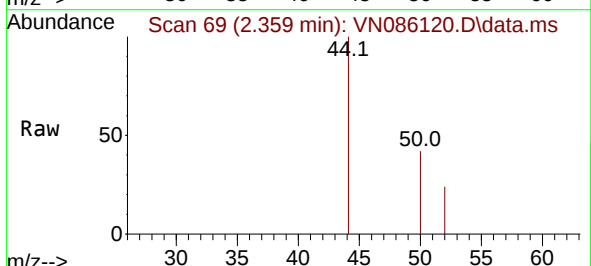
Instrument :
MSVOA_N
ClientSampleId :
VN0326WBL01

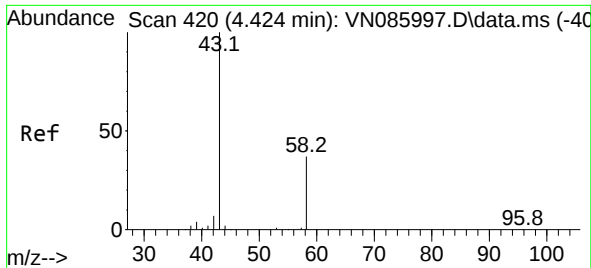
Tgt Ion:168 Resp: 165546
Ion Ratio Lower Upper
168 100
99 55.2 49.4 74.2



#3
Chloromethane
Concen: 0.262 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086120.D
Acq: 26 Mar 2025 12:37

Tgt Ion: 50 Resp: 504
Ion Ratio Lower Upper
50 100
52 57.8 26.0 39.0#





#16

Acetone

Concen: 0.758 ug/l

RT: 4.448 min Scan# 41

Delta R.T. 0.023 min

Lab File: VN086120.D

Acq: 26 Mar 2025 12:37

Instrument :

MSVOA_N

ClientSampleId :

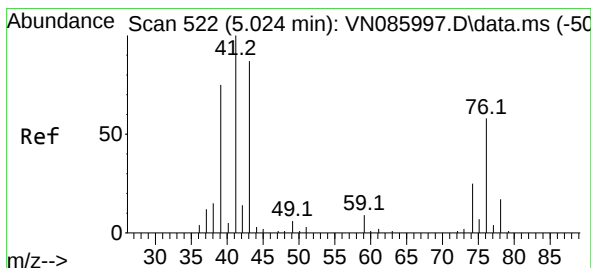
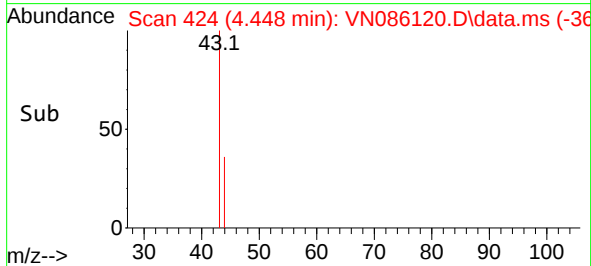
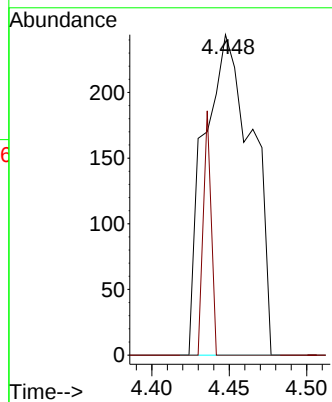
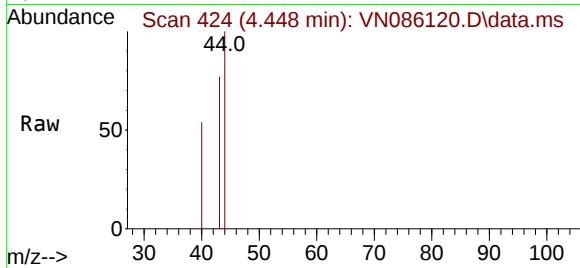
VN0326WBL01

Tgt Ion: 43 Resp: 525

Ion Ratio Lower Upper

43 100

58 0.0 29.4 44.2#



#18

Methyl Acetate

Concen: 0.480 ug/l

RT: 5.036 min Scan# 524

Delta R.T. 0.012 min

Lab File: VN086120.D

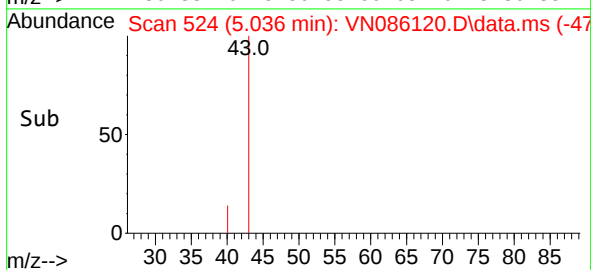
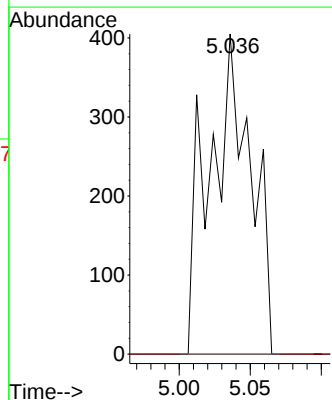
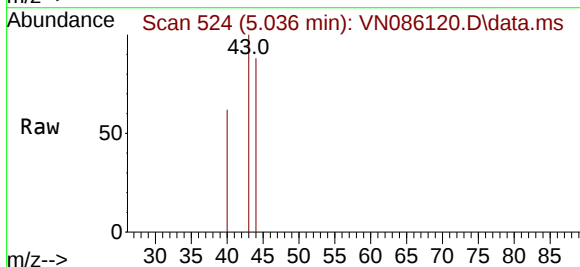
Acq: 26 Mar 2025 12:37

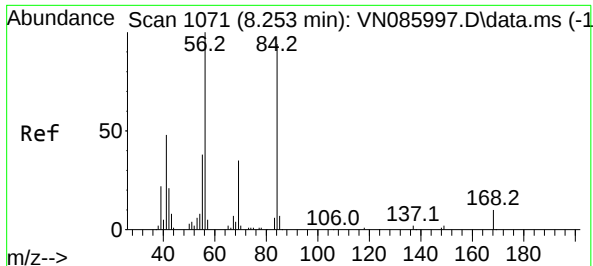
Tgt Ion: 43 Resp: 822

Ion Ratio Lower Upper

43 100

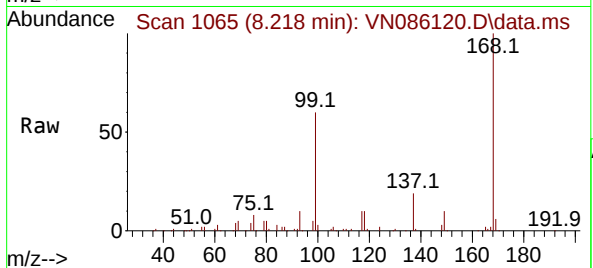
74 0.0 23.9 35.9#



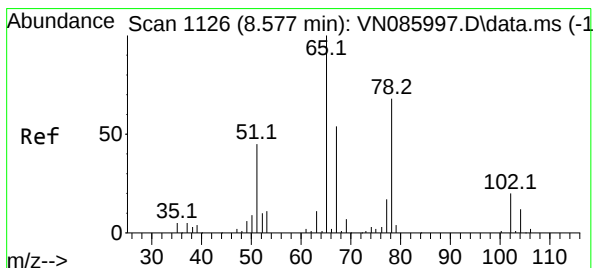
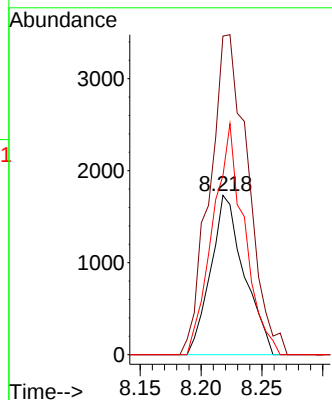
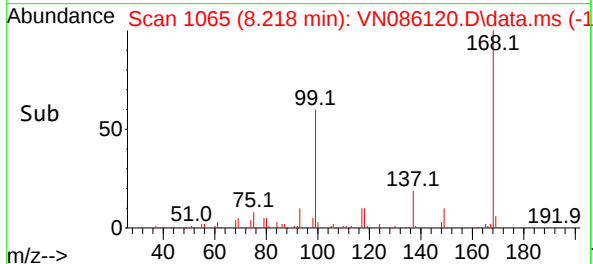


#31
Cyclohexane
Concen: 1.170 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN086120.D
Acq: 26 Mar 2025 12:37

Instrument :
MSVOA_N
ClientSampleId :
VN0326WBL01

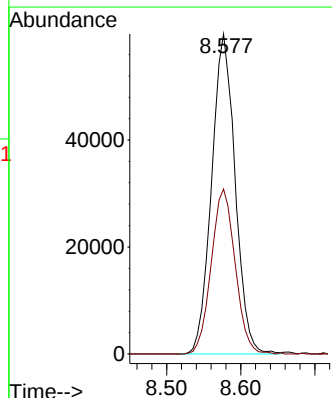
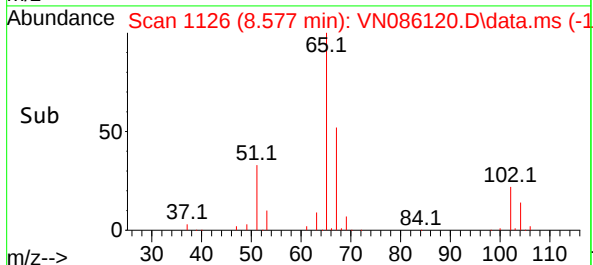
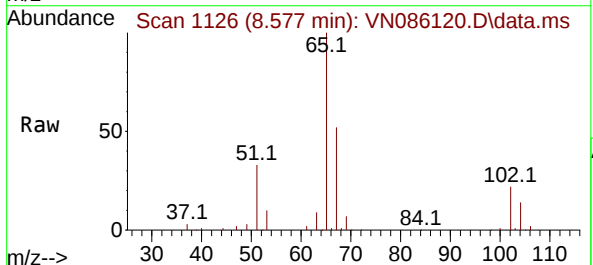


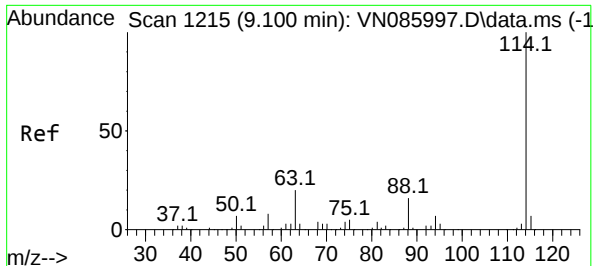
Tgt Ion: 56 Resp: 3306
Ion Ratio Lower Upper
56 100
69 199.9 28.0 42.0#
84 112.3 75.0 112.6



#33
1,2-Dichloroethane-d4
Concen: 58.179 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086120.D
Acq: 26 Mar 2025 12:37

Tgt Ion: 65 Resp: 131885
Ion Ratio Lower Upper
65 100
67 52.3 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN086120.D

Acq: 26 Mar 2025 12:37

Instrument :

MSVOA_N

ClientSampleId :

VN0326WBL01

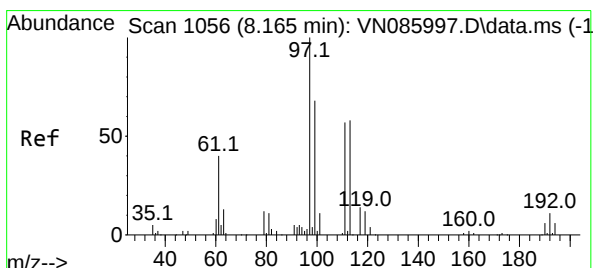
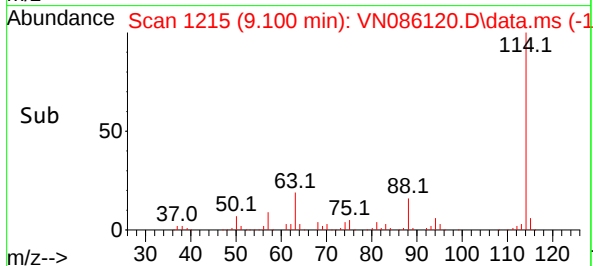
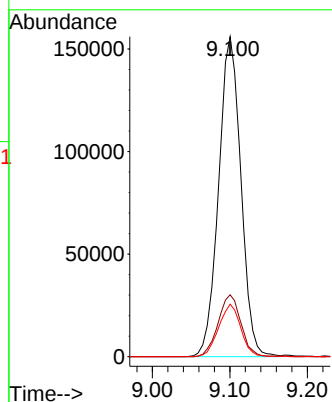
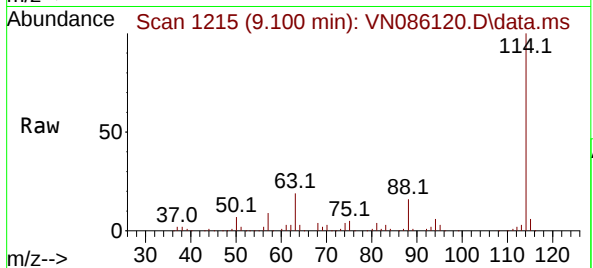
Tgt Ion:114 Resp: 311785

Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.6

88 16.4 0.0 32.6



#35

Dibromofluoromethane

Concen: 53.790 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086120.D

Acq: 26 Mar 2025 12:37

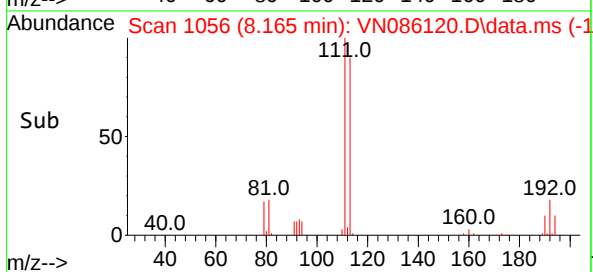
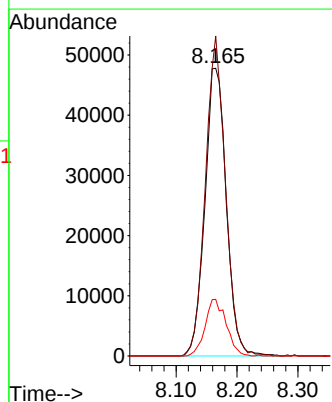
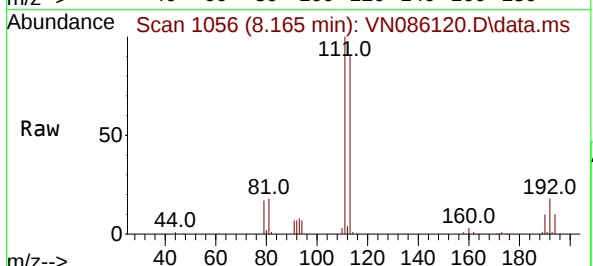
Tgt Ion:113 Resp: 117058

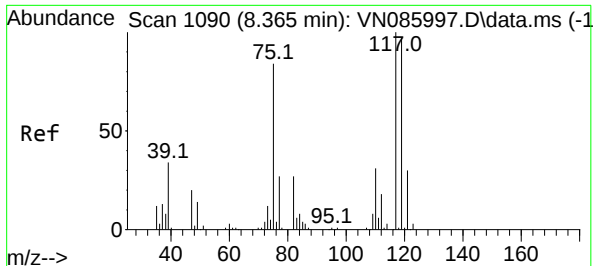
Ion Ratio Lower Upper

113 100

111 103.6 81.8 122.8

192 19.3 15.9 23.9





#36

1,1-Dichloropropene

Concen: 4.598 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN086120.D

Acq: 26 Mar 2025 12:37

Instrument :

MSVOA_N

ClientSampleId :

VN0326WBL01

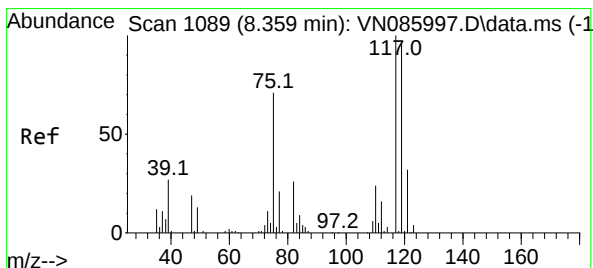
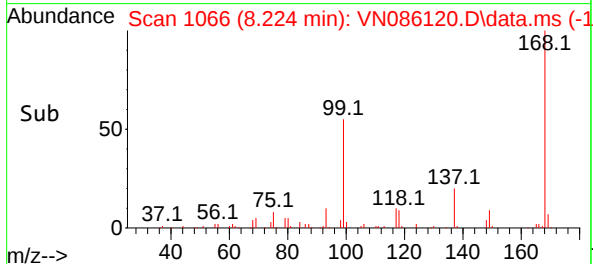
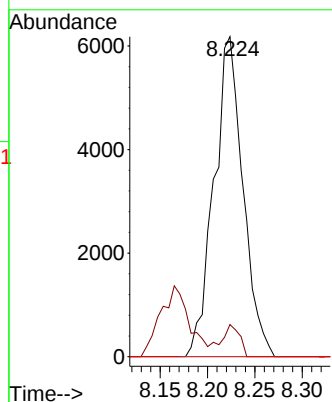
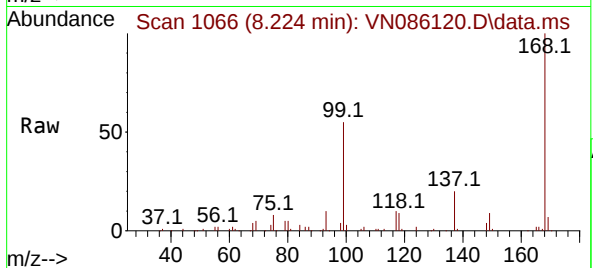
Tgt Ion: 75 Resp: 13175

Ion Ratio Lower Upper

75 100

110 5.1 17.8 53.3#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 4.517 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

Lab File: VN086120.D

Acq: 26 Mar 2025 12:37

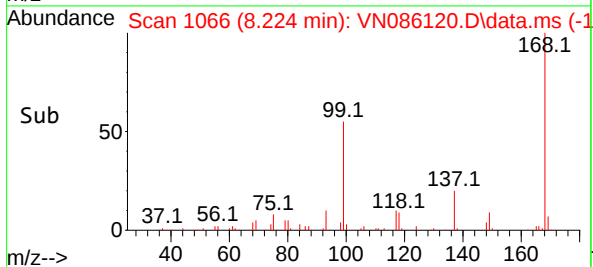
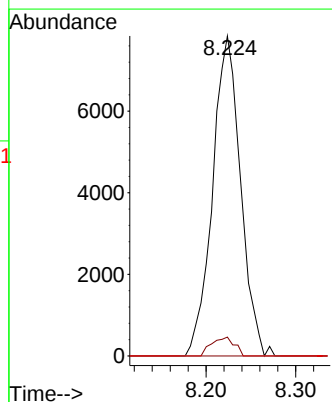
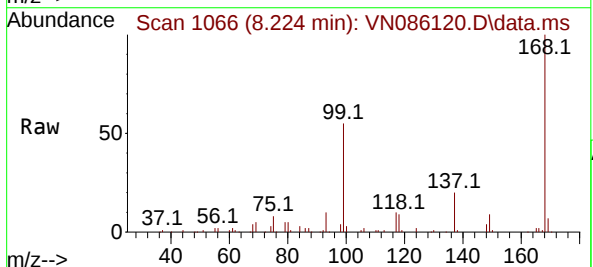
Tgt Ion: 117 Resp: 17017

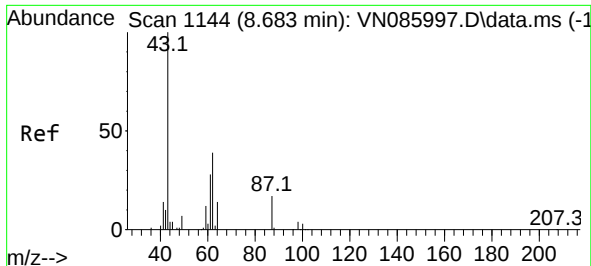
Ion Ratio Lower Upper

117 100

119 5.9 77.0 115.4#

121 0.0 25.6 38.4#

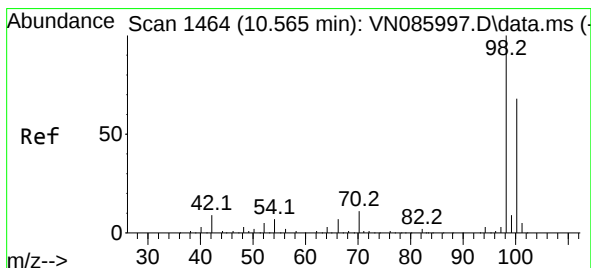
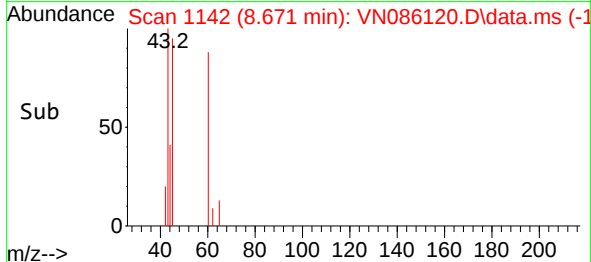
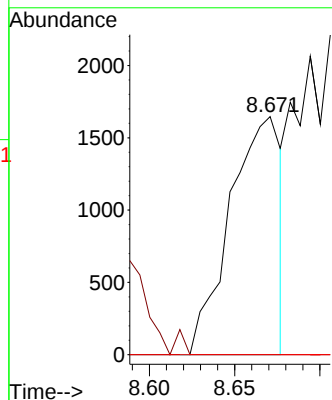
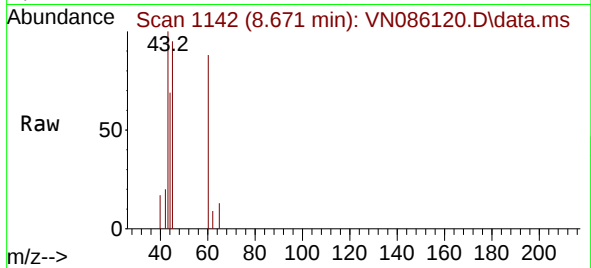




#43
Isopropyl Acetate
Concen: 0.652 ug/l
RT: 8.671 min Scan# 1144
Delta R.T. -0.012 min
Lab File: VN086120.D
Acq: 26 Mar 2025 12:37

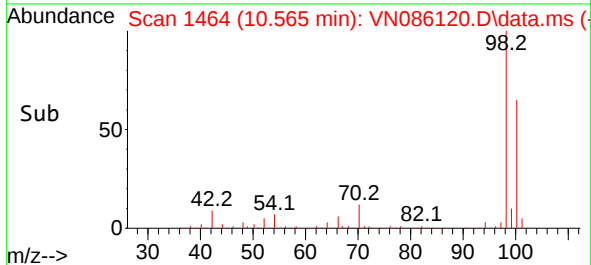
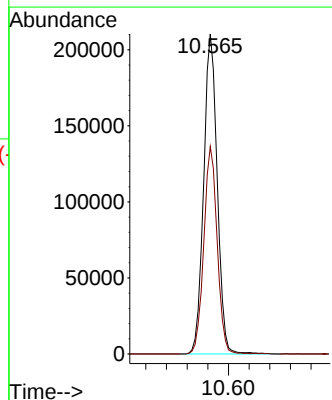
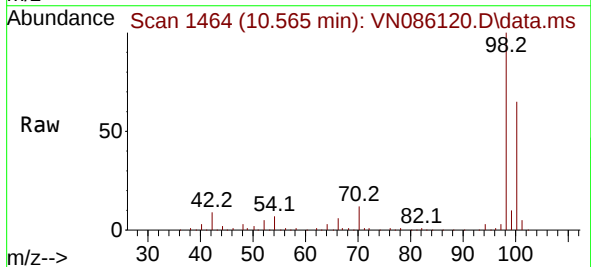
Instrument :
MSVOA_N
ClientSampleId :
VN0326WBL01

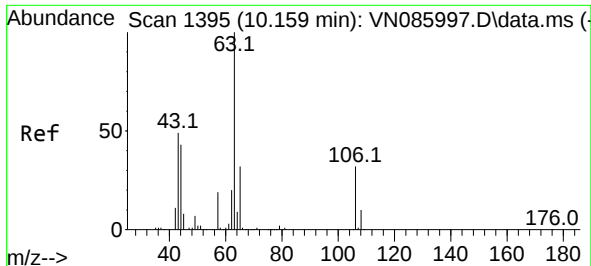
Tgt Ion: 43 Resp: 3414
Ion Ratio Lower Upper
43 100
61 0.0 25.0 37.6#
87 0.0 13.0 19.4#



#50
Toluene-d8
Concen: 48.566 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086120.D
Acq: 26 Mar 2025 12:37

Tgt Ion: 98 Resp: 383585
Ion Ratio Lower Upper
98 100
100 63.9 53.1 79.7

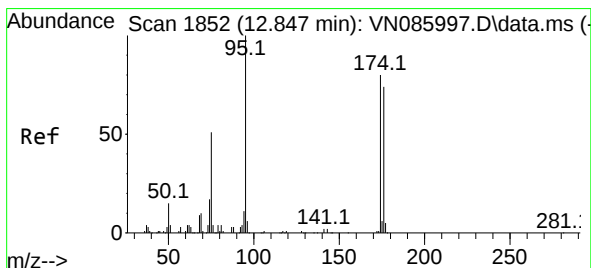
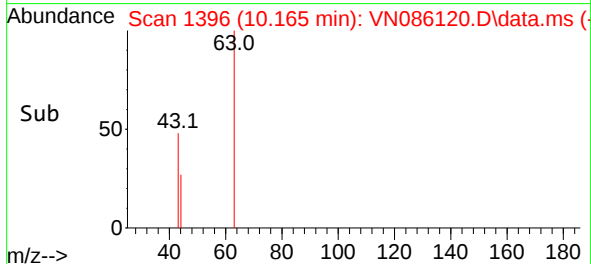
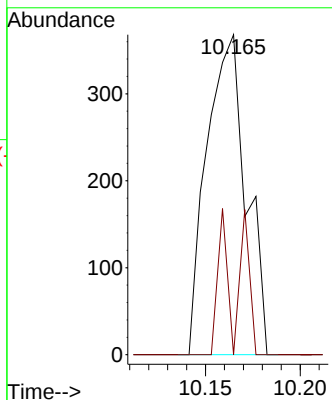
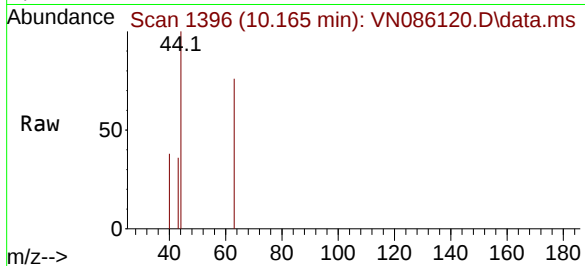




#58
2-Chloroethyl Vinyl ether
Concen: 3.968 ug/l
RT: 10.165 min Scan# 1395
Delta R.T. 0.006 min
Lab File: VN086120.D
Acq: 26 Mar 2025 12:37

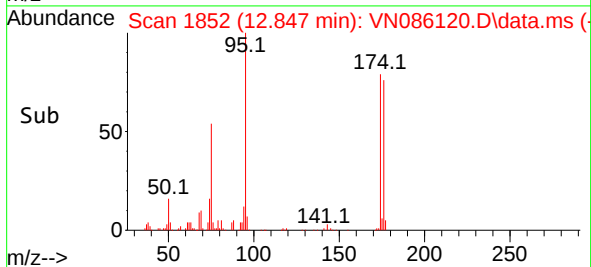
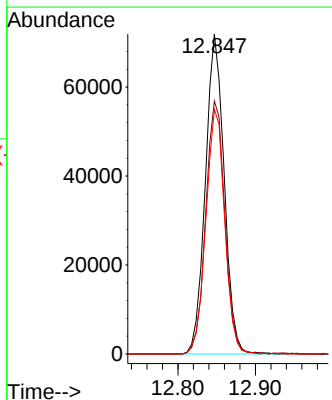
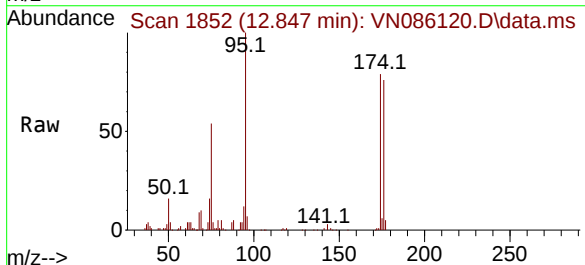
Instrument :
MSVOA_N
ClientSampleId :
VN0326WBL01

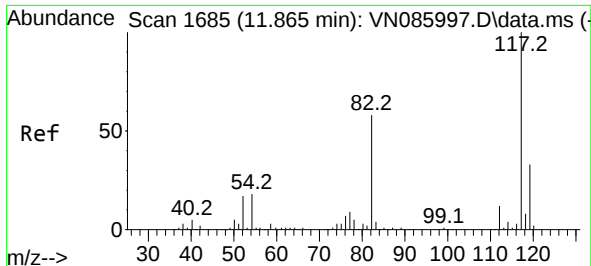
Tgt Ion: 63 Resp: 532
Ion Ratio Lower Upper
63 100
106 22.2 25.0 37.6#



#62
4-Bromofluorobenzene
Concen: 42.975 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086120.D
Acq: 26 Mar 2025 12:37

Tgt Ion: 95 Resp: 121048
Ion Ratio Lower Upper
95 100
174 80.3 0.0 156.8
176 76.6 0.0 152.2

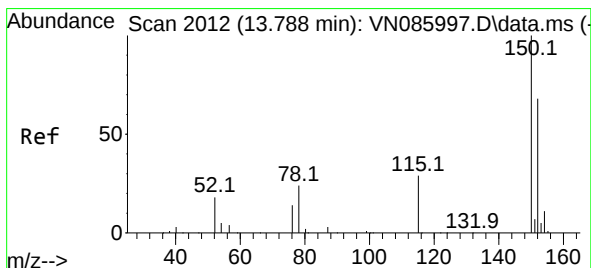
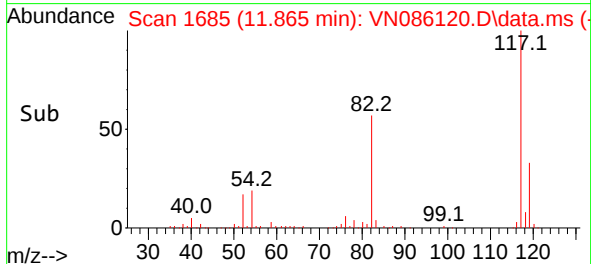
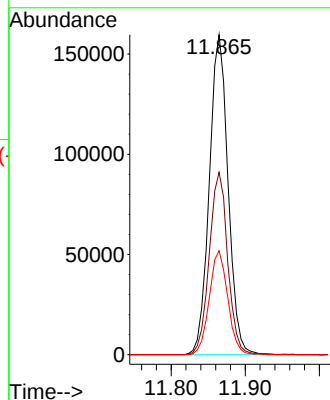
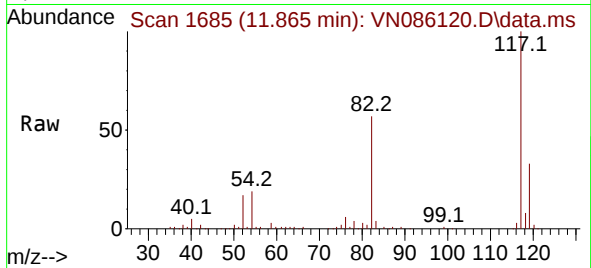




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086120.D
Acq: 26 Mar 2025 12:37

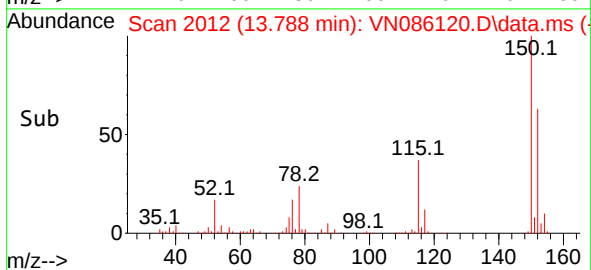
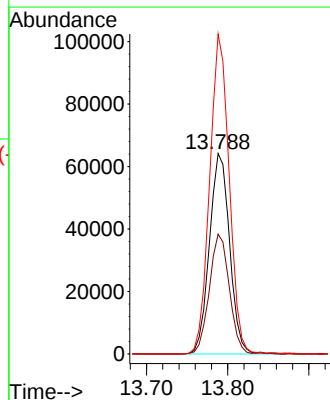
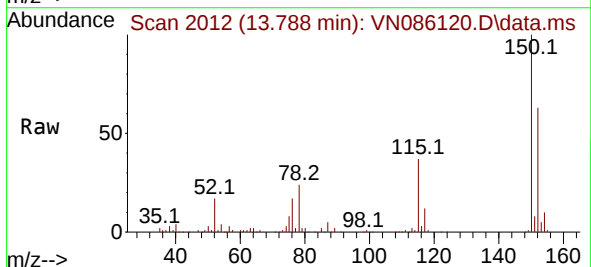
Instrument :
MSVOA_N
ClientSampleId :
VN0326WBL01

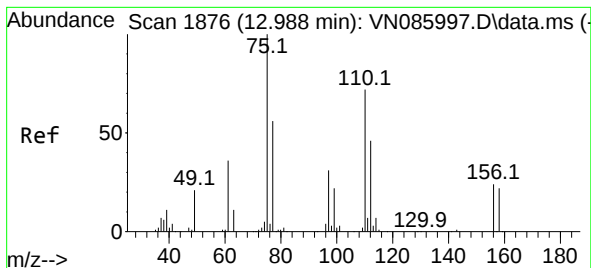
Tgt Ion:117 Resp: 280557
Ion Ratio Lower Upper
117 100
82 57.0 46.7 70.1
119 32.5 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086120.D
Acq: 26 Mar 2025 12:37

Tgt Ion:152 Resp: 111001
Ion Ratio Lower Upper
152 100
115 59.1 31.1 93.2
150 154.1 0.0 359.6





#76

1,2,3-Trichloropropane

Concen: 24.610 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.141 min

Lab File: VN086120.D

Acq: 26 Mar 2025 12:37

Instrument :

MSVOA_N

ClientSampleId :

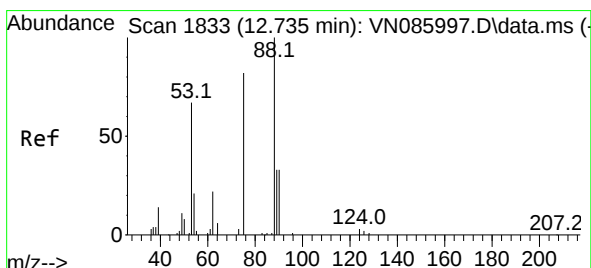
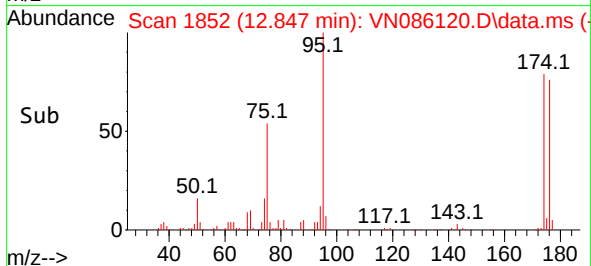
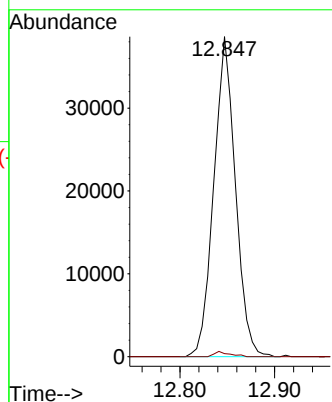
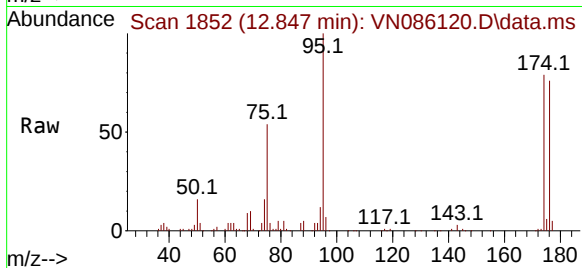
VN0326WBL01

Tgt Ion: 75 Resp: 61158

Ion Ratio Lower Upper

75 100

77 1.2 83.7 251.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 65.064 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.112 min

Lab File: VN086120.D

Acq: 26 Mar 2025 12:37

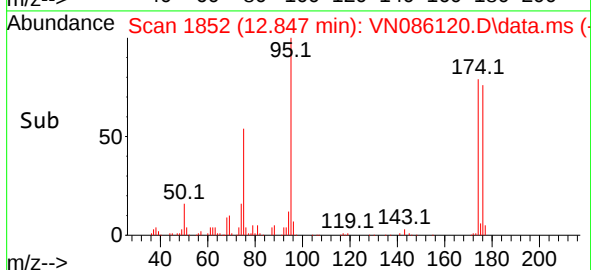
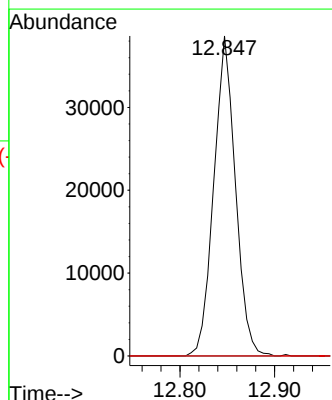
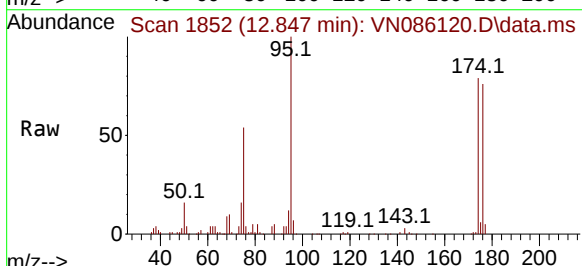
Tgt Ion: 75 Resp: 61158

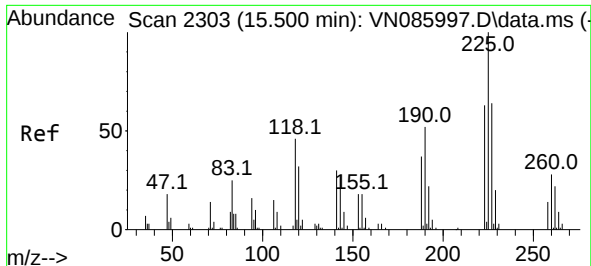
Ion Ratio Lower Upper

75 100

53 0.0 66.0 99.0#

89 0.0 36.9 55.3#

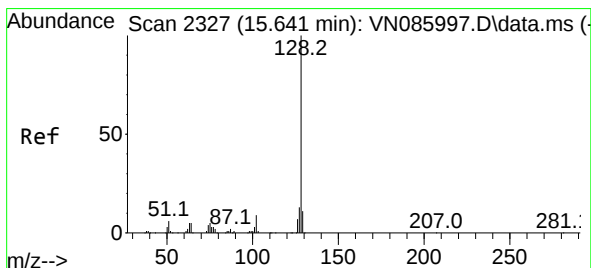
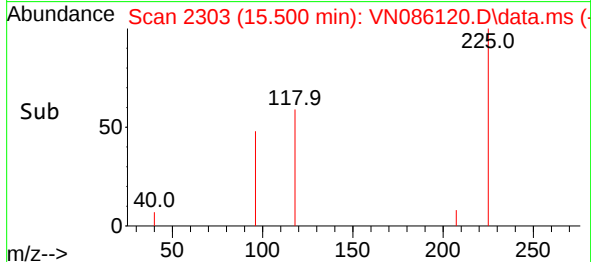
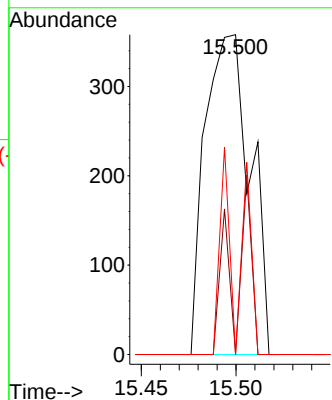
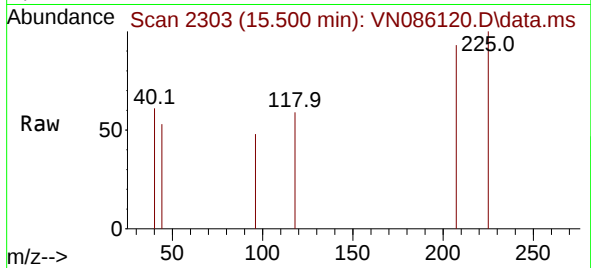




#94
Hexachlorobutadiene
Concen: 0.538 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN086120.D
Acq: 26 Mar 2025 12:37

Instrument :
MSVOA_N
ClientSampleId :
VN0326WBL01

Tgt Ion:225 Resp: 594
Ion Ratio Lower Upper
225 100
223 9.8 31.3 93.9#
227 26.6 32.1 96.3#



#95
Naphthalene
Concen: 0.325 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN086120.D
Acq: 26 Mar 2025 12:37

Tgt Ion:128 Resp: 1794
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.4#
129 0.0 9.0 13.6#

