

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052024\
 Data File : VN082202.D
 Acq On : 20 May 2024 12:00
 Operator : JC\MD
 Sample : VN0520WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0520WBL01

Quant Time: May 21 03:44:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

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

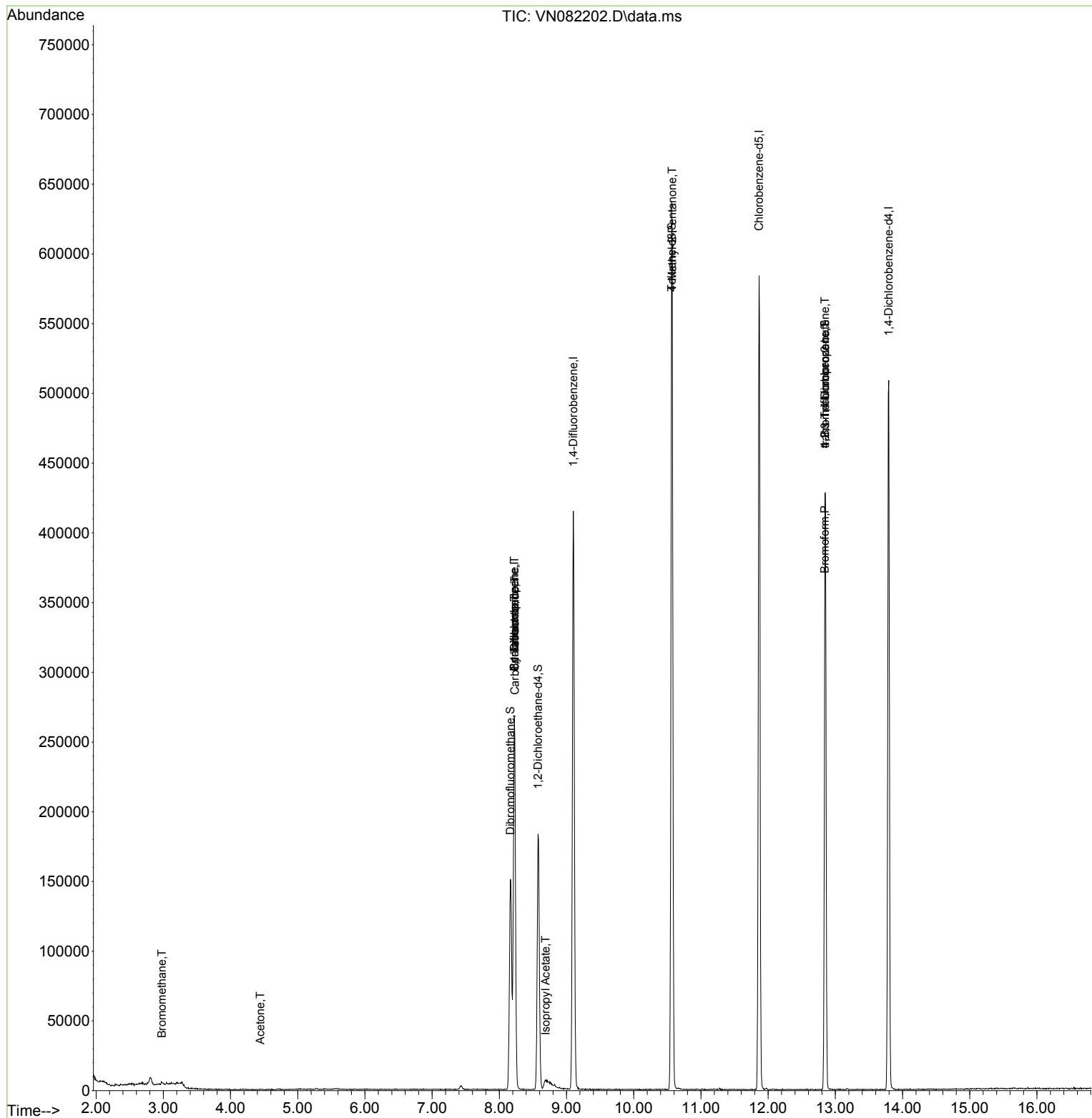
Internal Standards						
1) Pentafluorobenzene	8.224	168	185245	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	327205	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	304423	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	130238	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	149673	51.169	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery	= 102.340%		
35) Dibromofluoromethane	8.165	113	106245	52.784	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	= 105.560%		
50) Toluene-d8	10.565	98	412072	53.398	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery	= 106.800%		
62) 4-Bromofluorobenzene	12.847	95	137179	49.804	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery	= 99.600%		
Target Compounds						Qvalue
5) Bromomethane	2.977	94	578	0.353	ug/l	90
16) Acetone	4.442	43	594	0.495	ug/l #	43
31) Cyclohexane	8.224	56	5560	1.190	ug/l #	55
36) 1,1-Dichloropropene	8.224	75	17291	5.122	ug/l #	48
38) Carbon Tetrachloride	8.230	117	20273	5.924	ug/l #	18
43) Isopropyl Acetate	8.689	43	7990	1.194	ug/l #	52
51) 4-Methyl-2-Pentanone	10.571	43	2654	0.698	ug/l #	1
71) Bromoform	12.841	173	210	0.819	ug/l #	28
76) 1,2,3-Trichloropropane	12.847	75	81669	29.793	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	81669	69.685	ug/l #	12

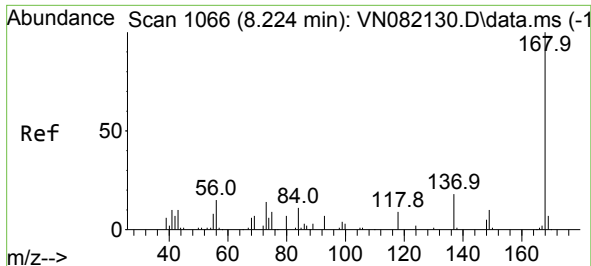
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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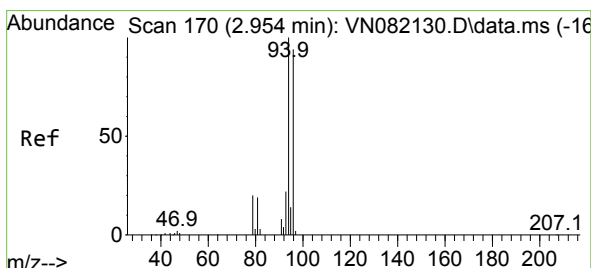
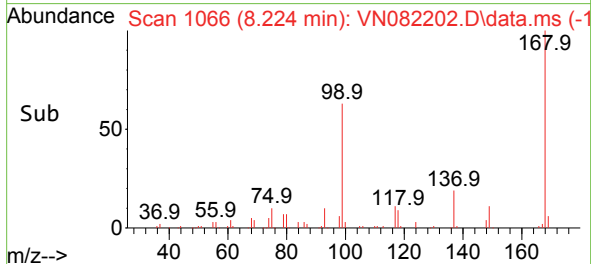
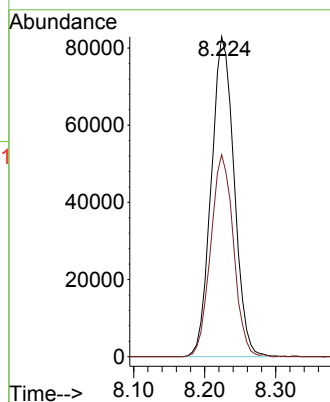
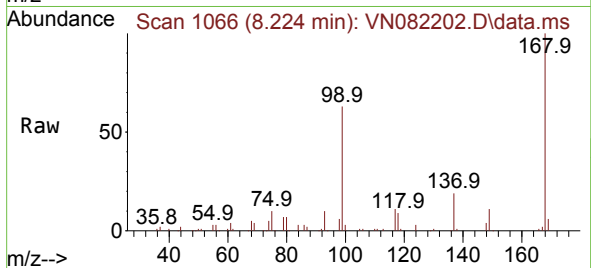




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN082202.D
Acq: 20 May 2024 12:00

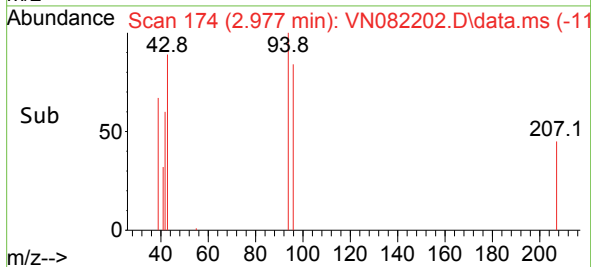
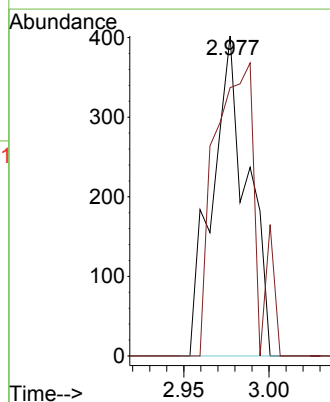
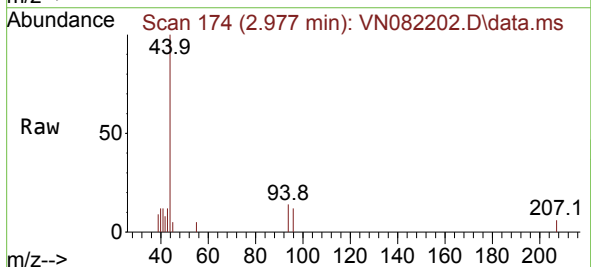
Instrument :
MSVOA_N
ClientSampleId :
VN0520WBL01

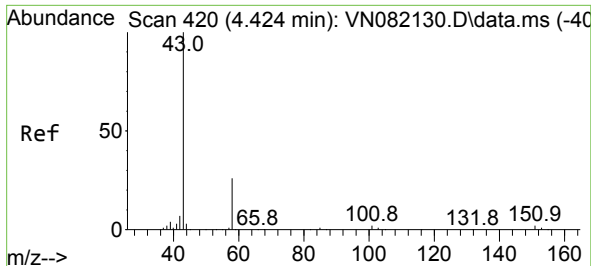
Tgt Ion:168 Resp: 185245
Ion Ratio Lower Upper
168 100
99 63.1 48.2 72.4



#5
Bromomethane
Concen: 0.353 ug/l
RT: 2.977 min Scan# 174
Delta R.T. 0.024 min
Lab File: VN082202.D
Acq: 20 May 2024 12:00

Tgt Ion: 94 Resp: 578
Ion Ratio Lower Upper
94 100
96 83.8 74.8 112.2

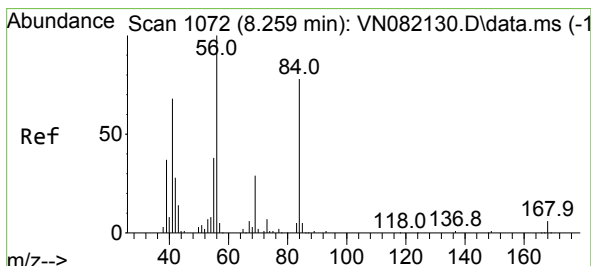
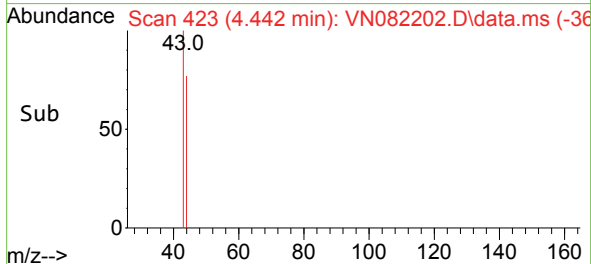
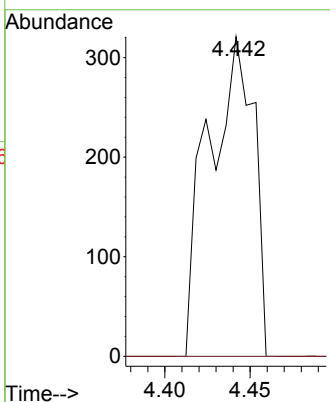
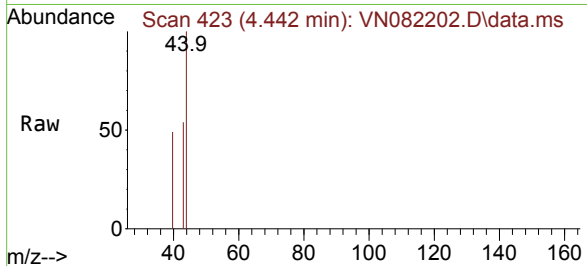




#16
Acetone
Concen: 0.495 ug/l
RT: 4.442 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN082202.D
Acq: 20 May 2024 12:00

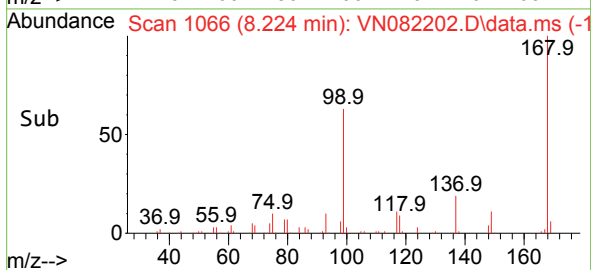
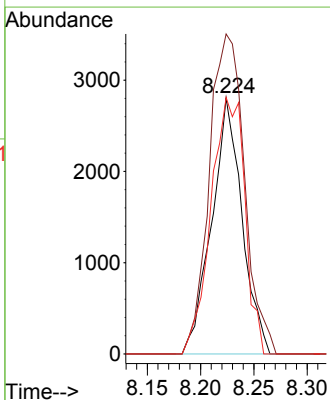
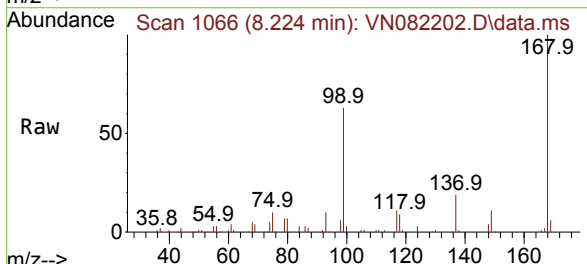
Instrument :
MSVOA_N
ClientSampleId :
VN0520WBL01

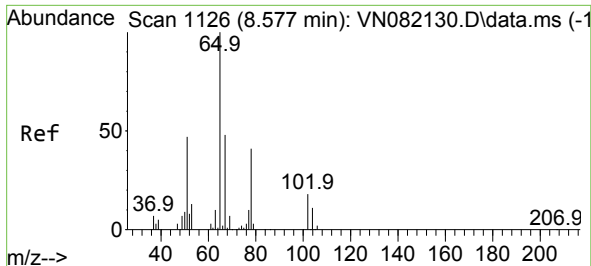
Tgt Ion: 43 Resp: 594
Ion Ratio Lower Upper
43 100
58 0.0 25.2 37.8#



#31
Cyclohexane
Concen: 1.190 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN082202.D
Acq: 20 May 2024 12:00

Tgt Ion: 56 Resp: 5560
Ion Ratio Lower Upper
56 100
69 125.0 24.4 36.6#
84 100.2 77.0 115.4





#33

1,2-Dichloroethane-d4

Concen: 51.169 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN082202.D

Acq: 20 May 2024 12:00

Instrument :

MSVOA_N

ClientSampleId :

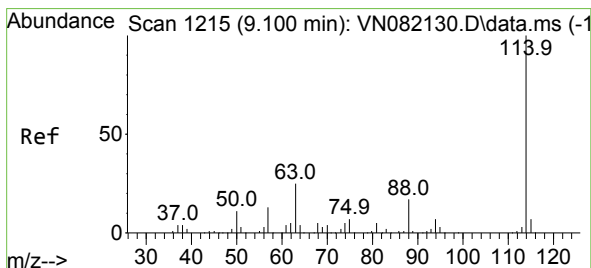
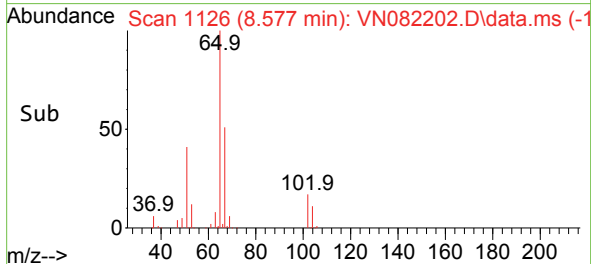
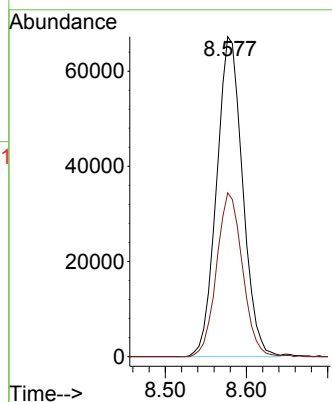
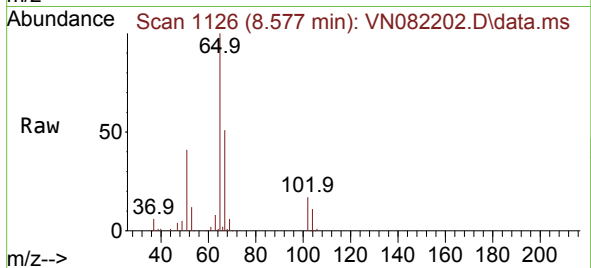
VN0520WBL01

Tgt Ion: 65 Resp: 149673

Ion Ratio Lower Upper

65 100

67 51.1 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN082202.D

Acq: 20 May 2024 12:00

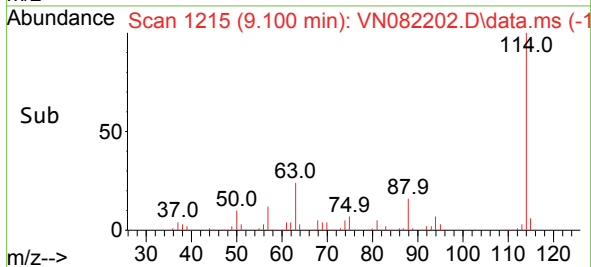
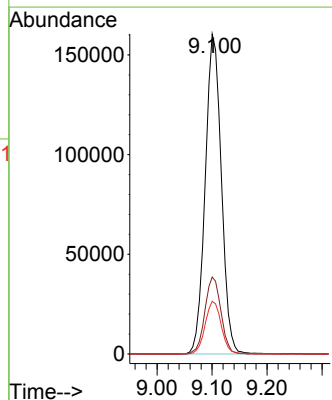
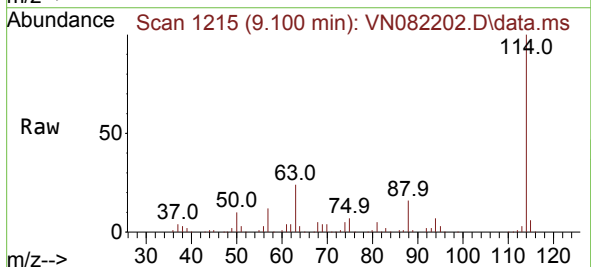
Tgt Ion: 114 Resp: 327205

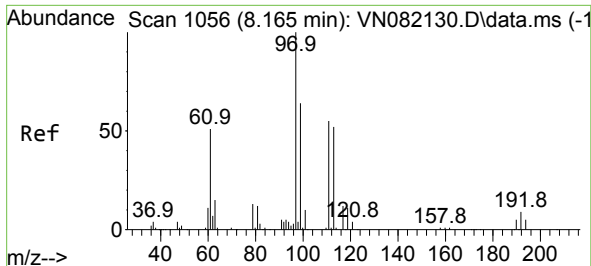
Ion Ratio Lower Upper

114 100

63 24.1 0.0 41.0

88 16.4 0.0 31.4

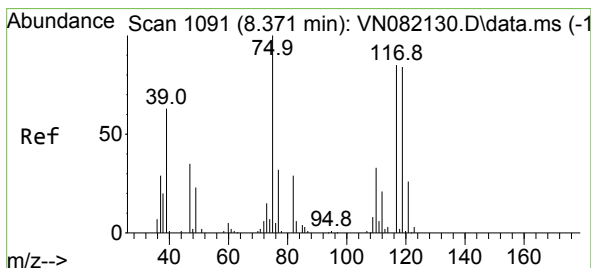
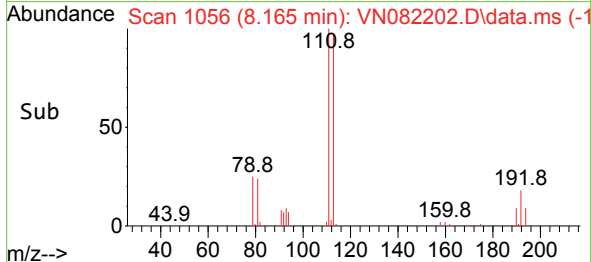
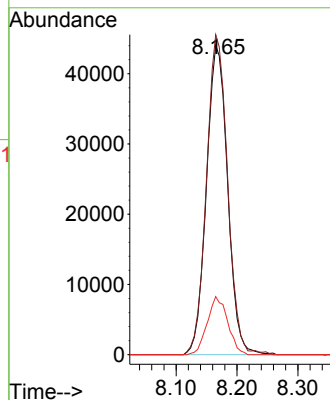
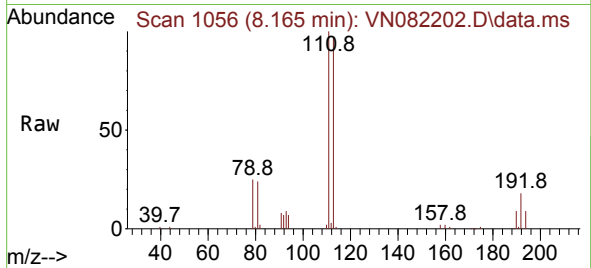




#35
Dibromofluoromethane
Concen: 52.784 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN082202.D
Acq: 20 May 2024 12:00

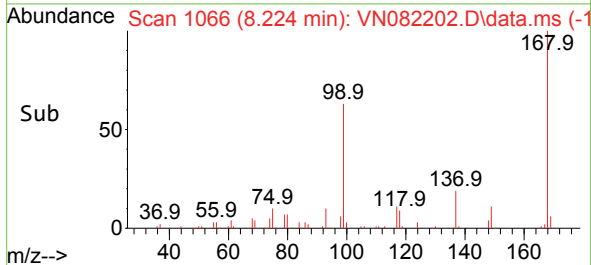
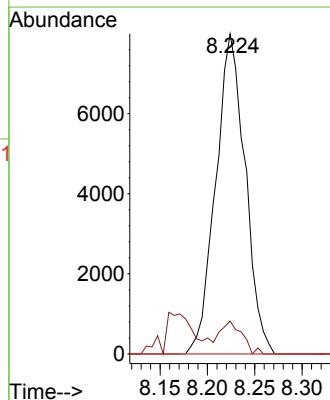
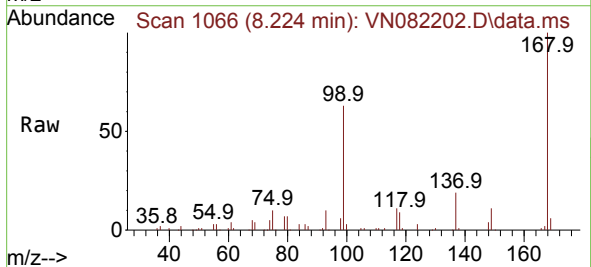
Instrument :
MSVOA_N
ClientSampleId :
VN0520WBL01

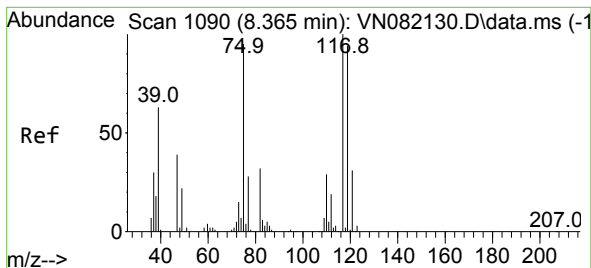
Tgt Ion:113 Resp: 106245
Ion Ratio Lower Upper
113 100
111 103.4 83.4 125.2
192 18.2 14.0 21.0



#36
1,1-Dichloropropene
Concen: 5.122 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN082202.D
Acq: 20 May 2024 12:00

Tgt Ion: 75 Resp: 17291
Ion Ratio Lower Upper
75 100
110 7.6 17.8 53.5#
77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 5.924 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.135 min

Lab File: VN082202.D

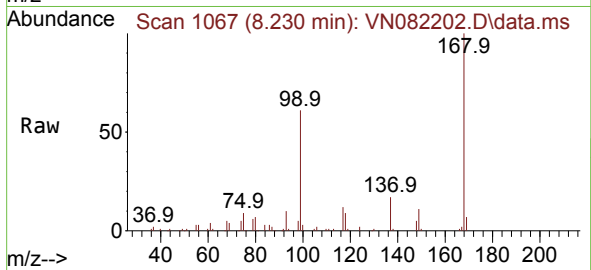
Acq: 20 May 2024 12:00

Instrument :

MSVOA_N

ClientSampleId :

VN0520WBL01



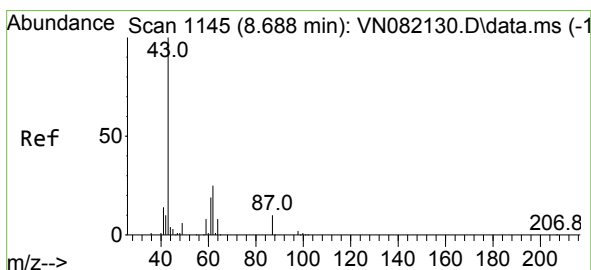
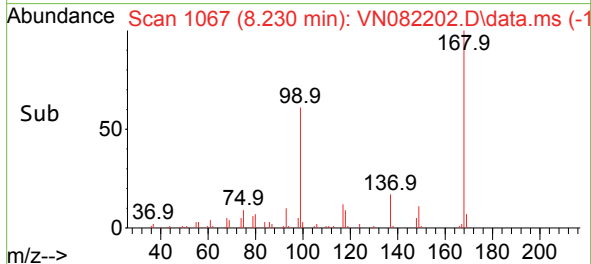
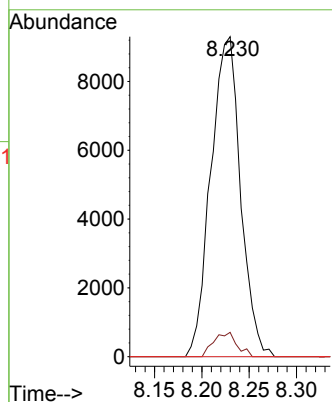
Tgt Ion:117 Resp: 20273

Ion Ratio Lower Upper

117 100

119 7.6 76.5 114.7#

121 0.0 23.9 35.9#



#43

Isopropyl Acetate

Concen: 1.194 ug/l

RT: 8.689 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN082202.D

Acq: 20 May 2024 12:00

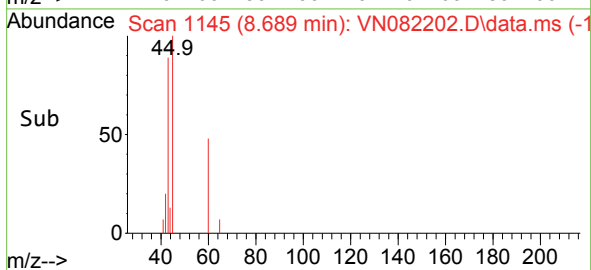
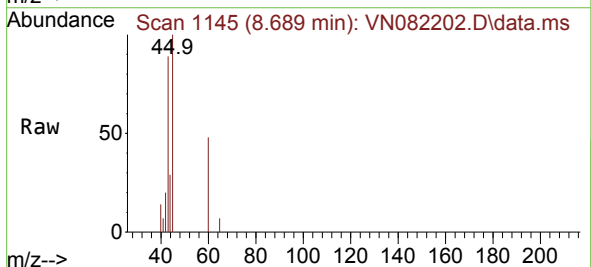
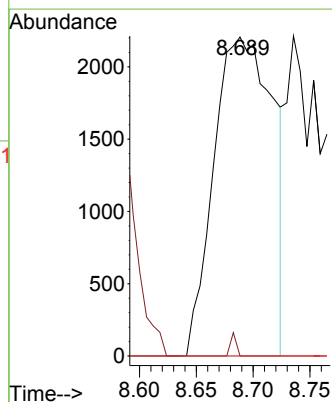
Tgt Ion: 43 Resp: 7990

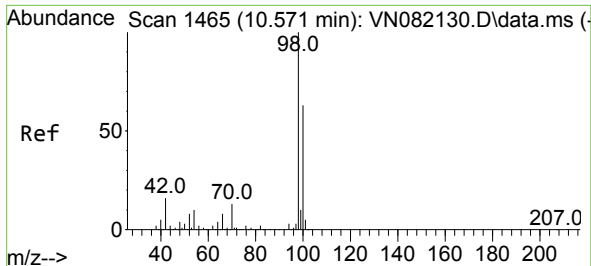
Ion Ratio Lower Upper

43 100

61 0.0 22.8 34.2#

87 0.0 12.0 18.0#

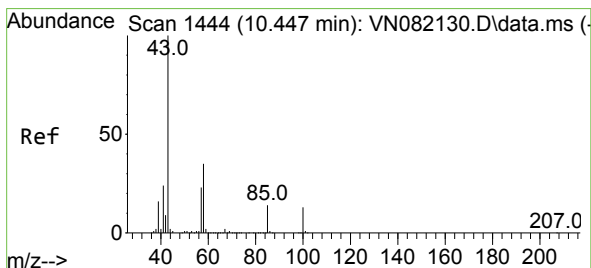
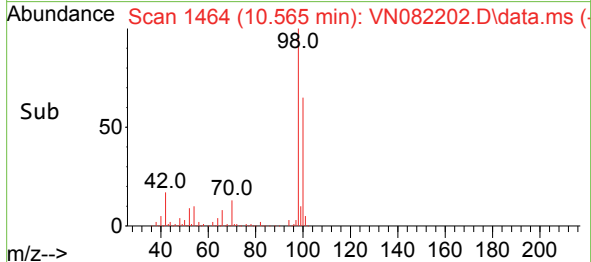
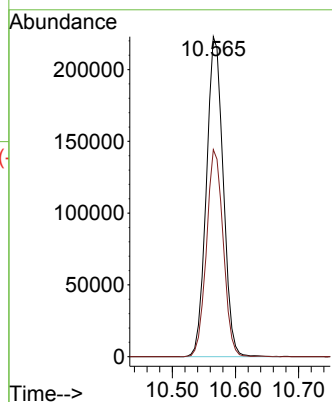
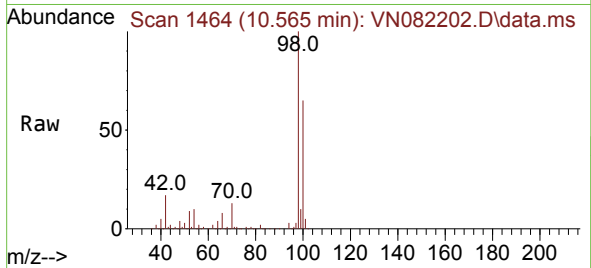




#50
Toluene-d8
Concen: 53.398 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN082202.D
Acq: 20 May 2024 12:00

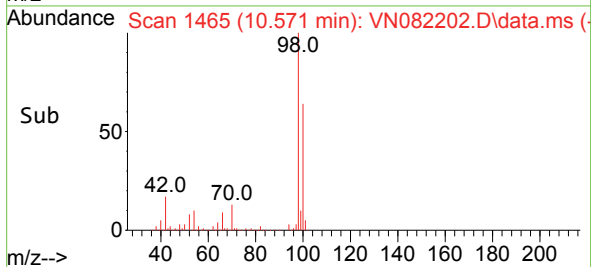
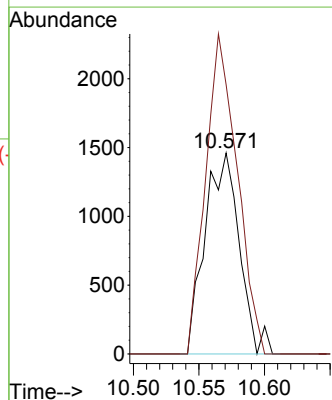
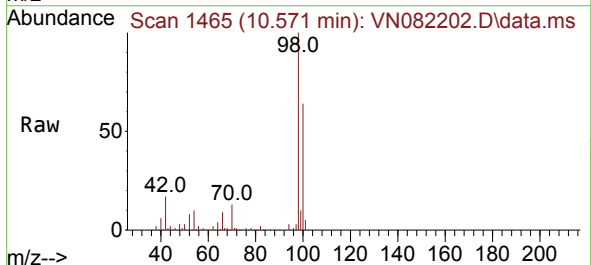
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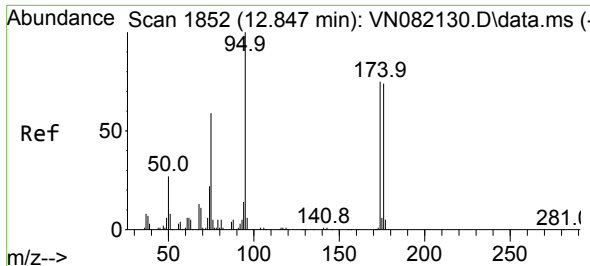
Tgt Ion: 98 Resp: 412072
Ion Ratio Lower Upper
98 100
100 64.3 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 0.698 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.124 min
Lab File: VN082202.D
Acq: 20 May 2024 12:00

Tgt Ion: 43 Resp: 2654
Ion Ratio Lower Upper
43 100
58 146.9 33.2 49.8#

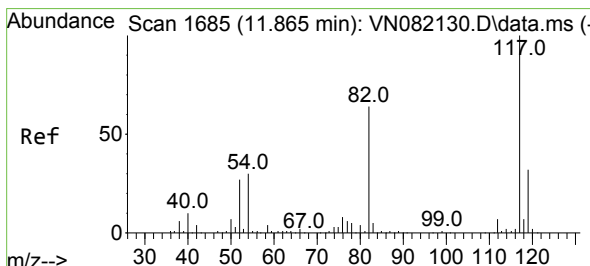
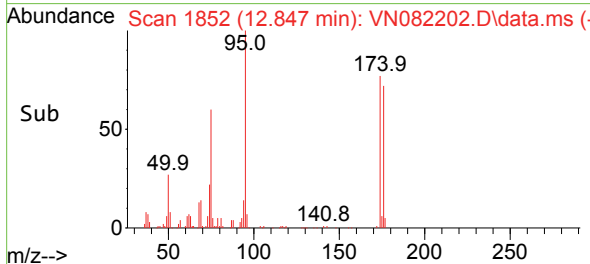
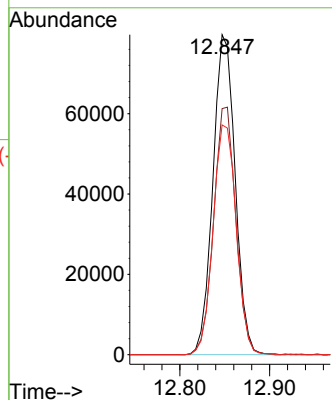
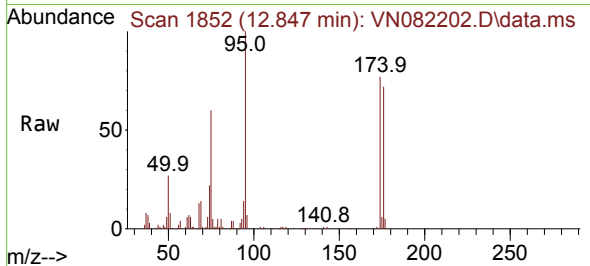




#62
4-Bromofluorobenzene
Concen: 49.804 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN082202.D
Acq: 20 May 2024 12:00

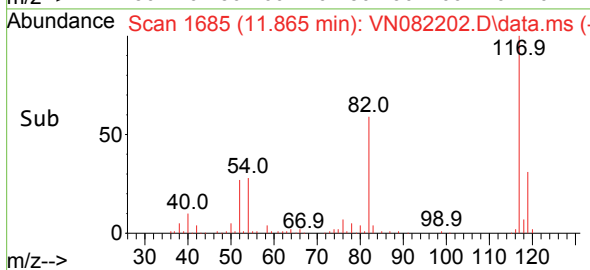
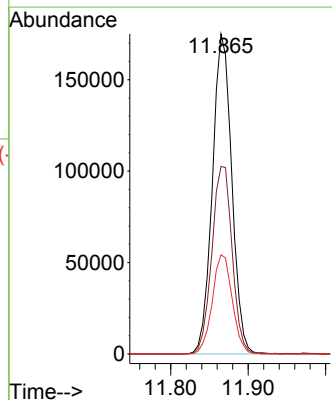
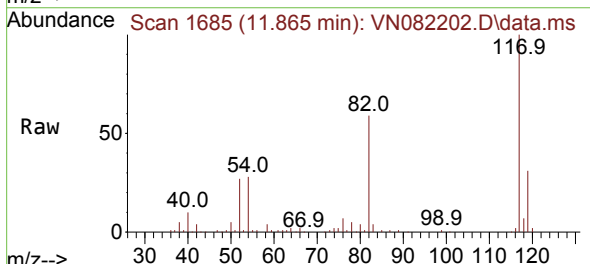
Instrument :
MSVOA_N
ClientSampleId :
VN0520WBL01

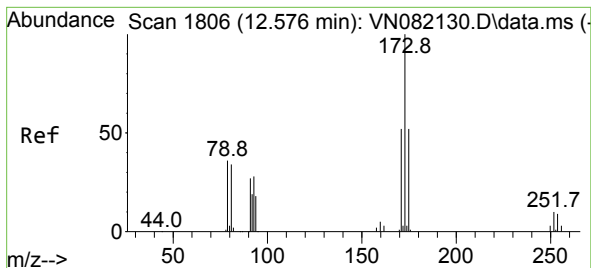
Tgt Ion: 95 Resp: 137179
Ion Ratio Lower Upper
95 100
174 77.3 0.0 160.6
176 74.7 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN082202.D
Acq: 20 May 2024 12:00

Tgt Ion: 117 Resp: 304423
Ion Ratio Lower Upper
117 100
82 58.6 44.6 66.8
119 31.0 25.9 38.9





#71

Bromoform

Concen: 0.819 ug/l

RT: 12.841 min Scan# 1806

Delta R.T. 0.265 min

Lab File: VN082202.D

Acq: 20 May 2024 12:00

Instrument :

MSVOA_N

ClientSampleId :

VN0520WBL01

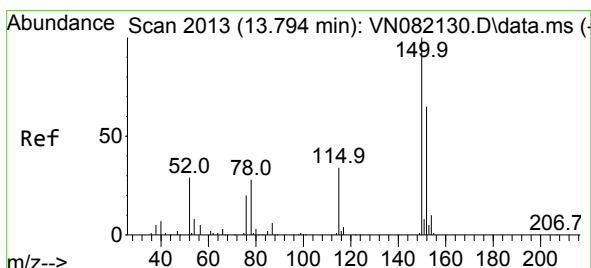
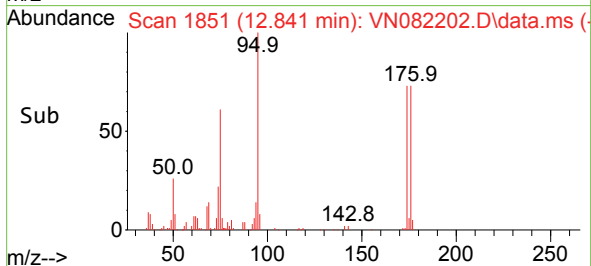
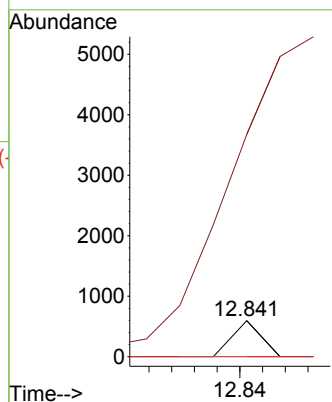
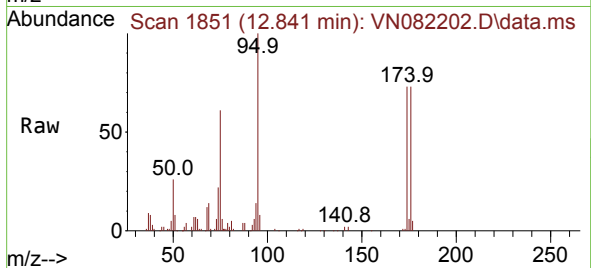
Tgt Ion:173 Resp: 210

Ion Ratio Lower Upper

173 100

175 0.0 24.6 74.0#

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN082202.D

Acq: 20 May 2024 12:00

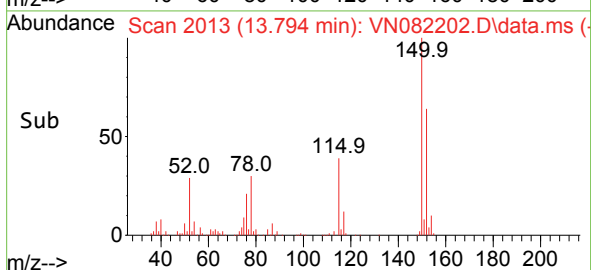
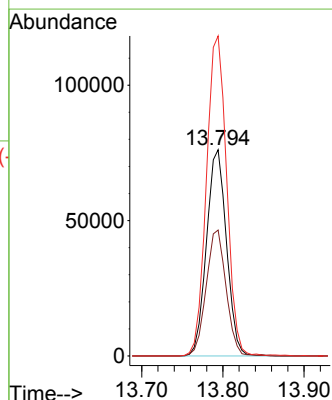
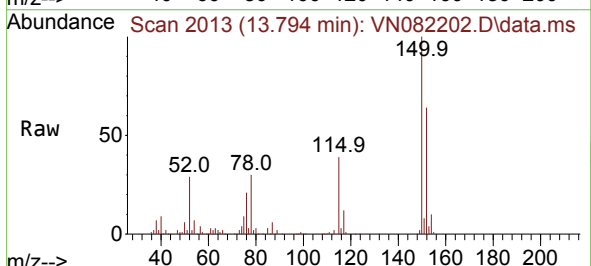
Tgt Ion:152 Resp: 130238

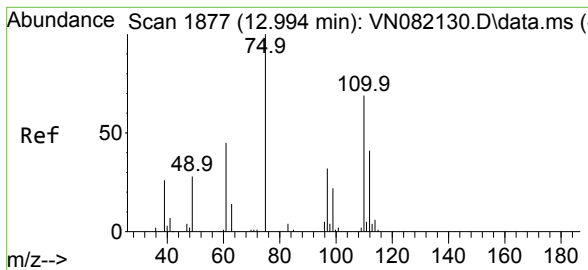
Ion Ratio Lower Upper

152 100

115 60.9 30.4 91.3

150 156.3 0.0 353.2

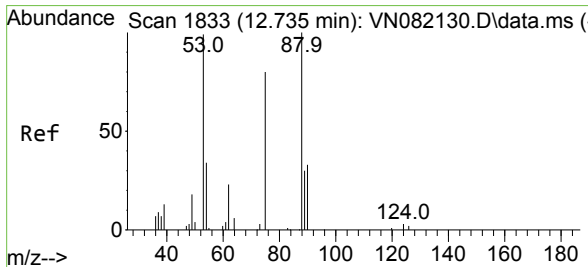
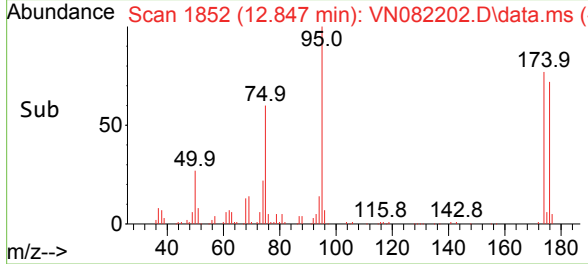
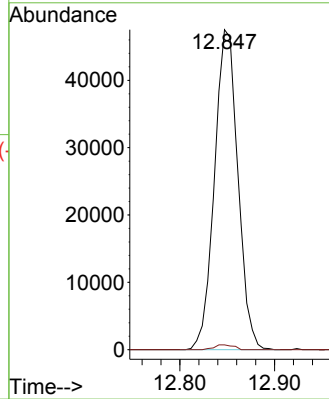
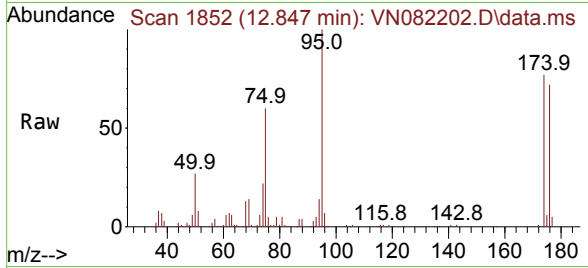




#76
1,2,3-Trichloropropane
Concen: 29.793 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN082202.D
Acq: 20 May 2024 12:00

Instrument :
MSVOA_N
ClientSampleId :
VN0520WBL01

Tgt Ion: 75 Resp: 81669
Ion Ratio Lower Upper
75 100
77 1.2 90.5 271.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.685 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN082202.D
Acq: 20 May 2024 12:00

Tgt Ion: 75 Resp: 81669
Ion Ratio Lower Upper
75 100
53 0.0 72.9 109.3#
89 0.0 39.1 58.7#

