

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052124\
 Data File : VN082258.D
 Acq On : 21 May 2024 23:08
 Operator : JC\MD
 Sample : VN0521MBL03
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0521MBL03

Quant Time: May 22 02:40:27 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)

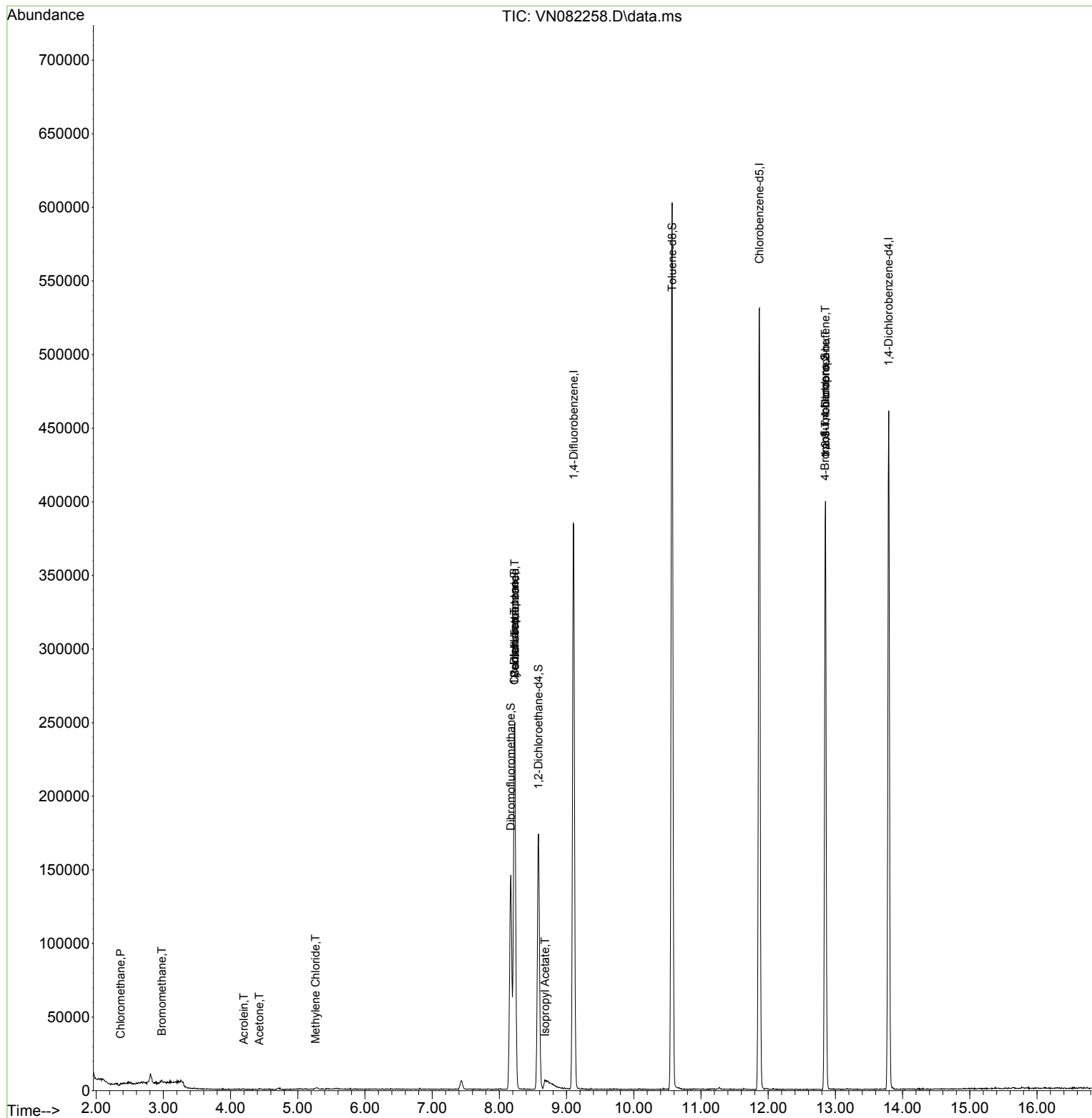
Internal Standards						
1) Pentafluorobenzene	8.230	168	175418	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	305159	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	281416	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	115125	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	144624	52.213	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.420%			
35) Dibromofluoromethane	8.171	113	102481	54.593	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.180%			
50) Toluene-d8	10.571	98	388854	54.030	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 108.060%			
62) 4-Bromofluorobenzene	12.847	95	127417	49.602	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 99.200%			
Target Compounds						Qvalue
3) Chloromethane	2.365	50	670	0.234	ug/l #	78
5) Bromomethane	2.977	94	922	0.595	ug/l #	71
13) Acrolein	4.200	56	159	0.483	ug/l #	24
16) Acetone	4.430	43	309	0.272	ug/l #	43
20) Methylene Chloride	5.265	84	783	0.342	ug/l #	49
31) Cyclohexane	8.224	56	5124	1.158	ug/l #	46
36) 1,1-Dichloropropene	8.224	75	16973	5.391	ug/l #	49
38) Carbon Tetrachloride	8.230	117	19686	6.168	ug/l #	16
43) Isopropyl Acetate	8.682	43	3462	0.555	ug/l #	52
76) 1,2,3-Trichloropropane	12.853	75	74737	30.843	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	74737	72.142	ug/l #	12

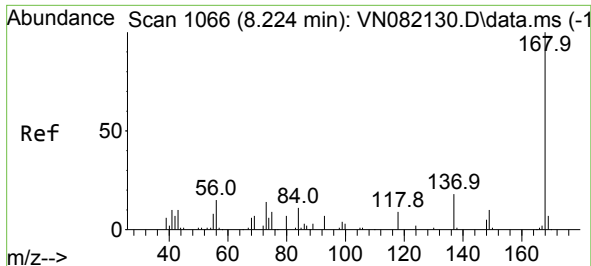
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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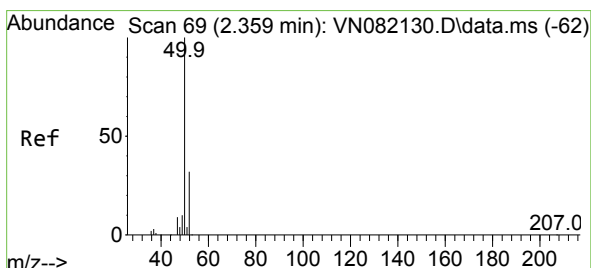
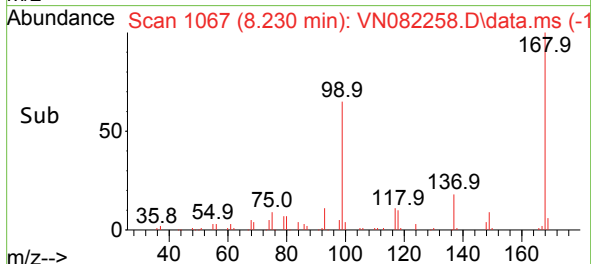
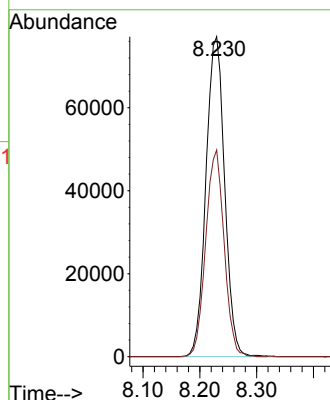
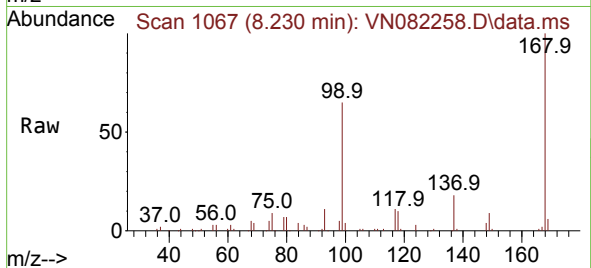




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN082258.D
Acq: 21 May 2024 23:08

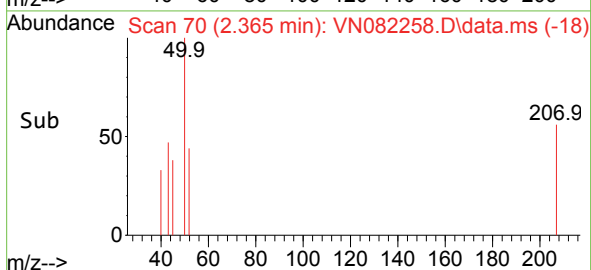
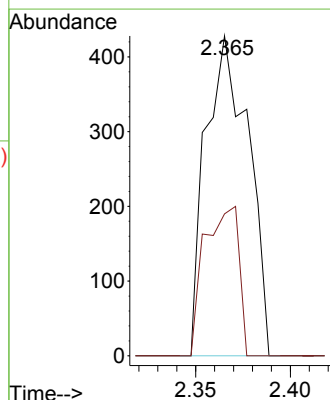
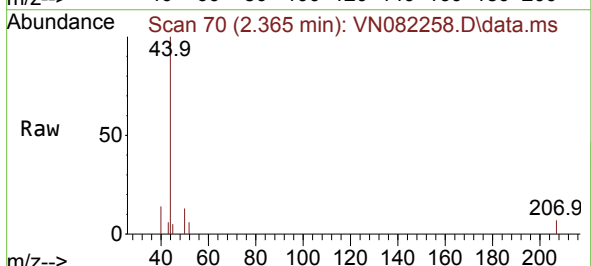
Instrument :
MSVOA_N
ClientSampleId :
VN0521MBL03

Tgt Ion:168 Resp: 175418
Ion Ratio Lower Upper
168 100
99 64.6 48.2 72.4



#3
Chloromethane
Concen: 0.234 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN082258.D
Acq: 21 May 2024 23:08

Tgt Ion: 50 Resp: 670
Ion Ratio Lower Upper
50 100
52 44.4 25.5 38.3#

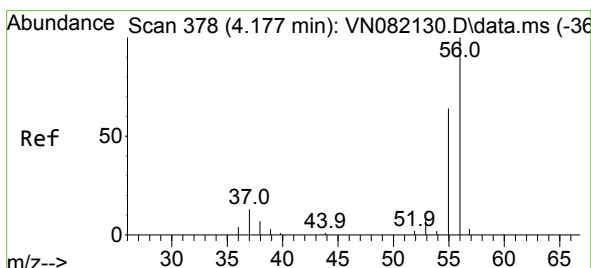
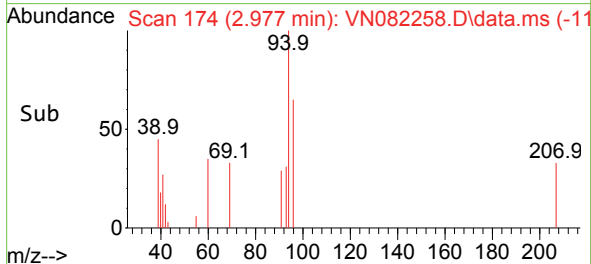
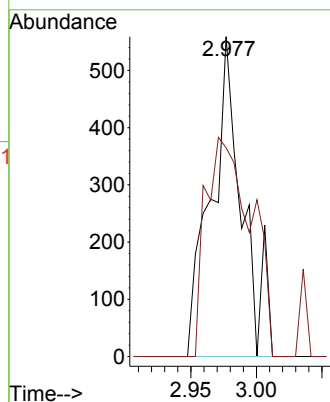
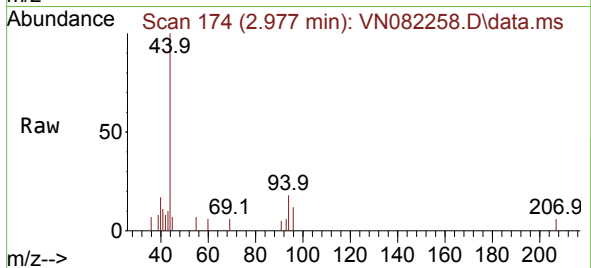




#5
Bromomethane
Concen: 0.595 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.023 min
Lab File: VN082258.D
Acq: 21 May 2024 23:08

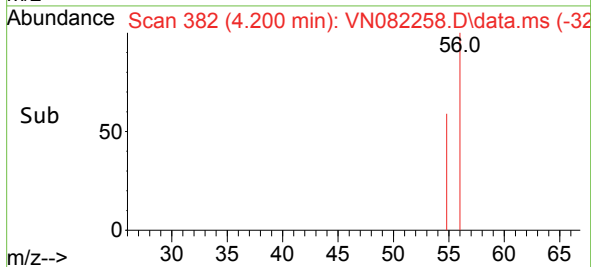
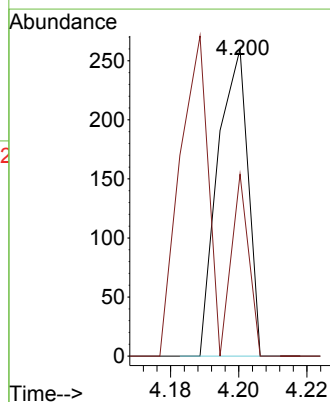
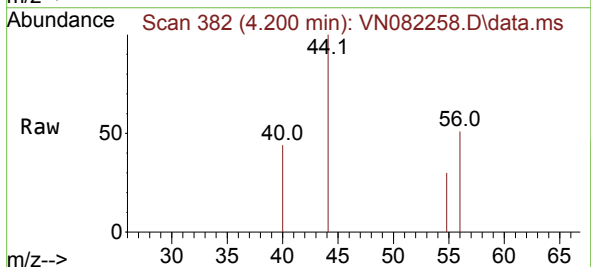
Instrument :
MSVOA_N
ClientSampleId :
VN0521MBL03

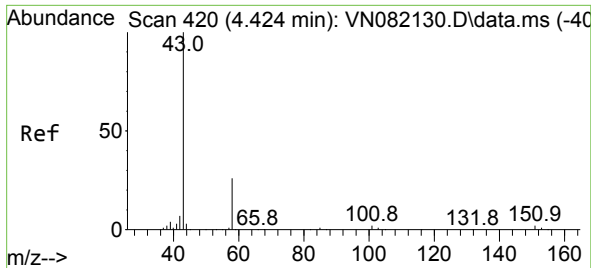
Tgt Ion: 94 Resp: 922
Ion Ratio Lower Upper
94 100
96 65.3 74.8 112.2#



#13
Acrolein
Concen: 0.483 ug/l
RT: 4.200 min Scan# 382
Delta R.T. 0.023 min
Lab File: VN082258.D
Acq: 21 May 2024 23:08

Tgt Ion: 56 Resp: 159
Ion Ratio Lower Upper
56 100
55 132.1 55.8 83.8#

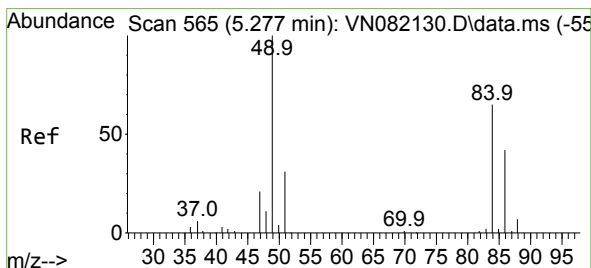
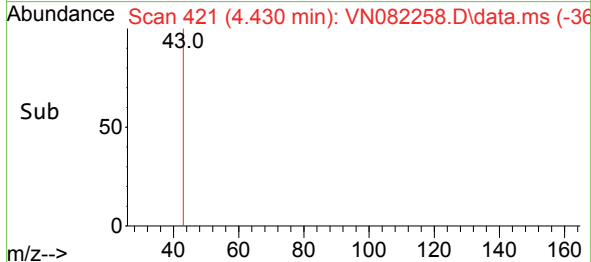
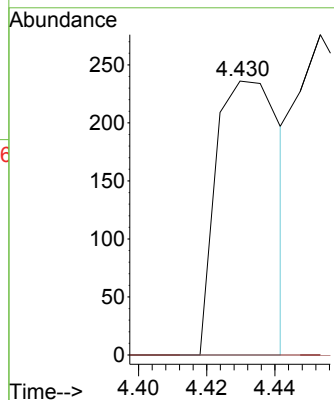
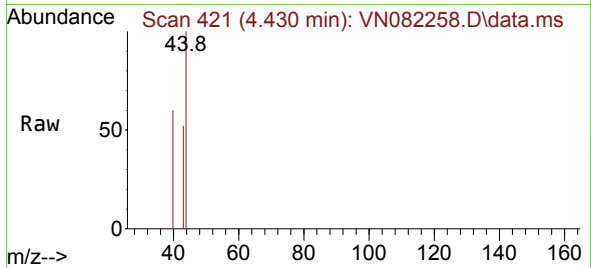




#16
Acetone
Concen: 0.272 ug/l
RT: 4.430 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN082258.D
Acq: 21 May 2024 23:08

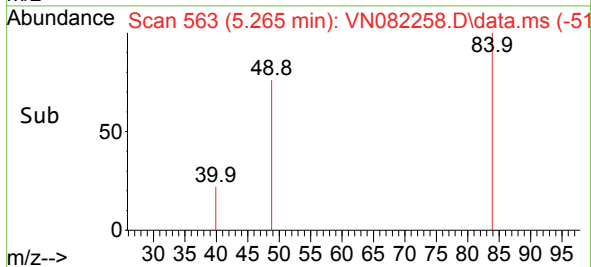
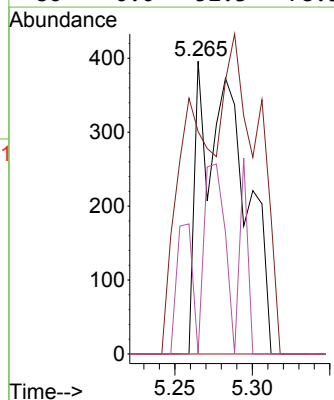
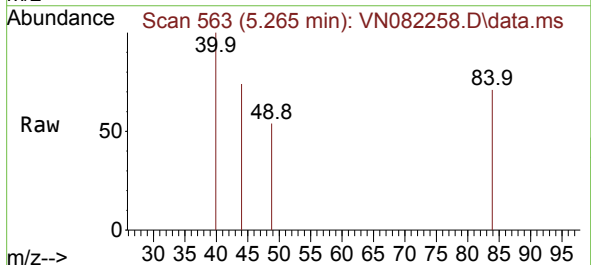
Instrument :
MSVOA_N
ClientSampleId :
VN0521MBL03

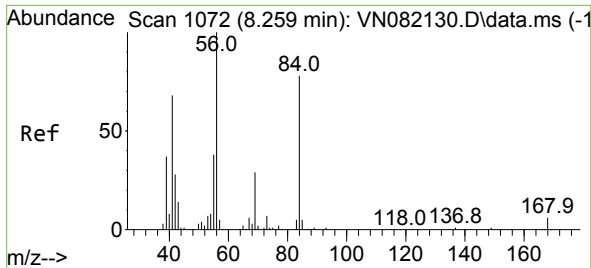
Tgt Ion: 43 Resp: 309
Ion Ratio Lower Upper
43 100
58 0.0 25.2 37.8#



#20
Methylene Chloride
Concen: 0.342 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.012 min
Lab File: VN082258.D
Acq: 21 May 2024 23:08

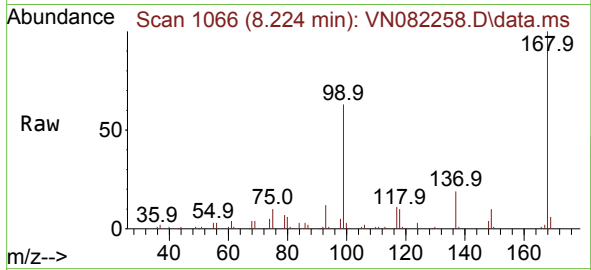
Tgt Ion: 84 Resp: 783
Ion Ratio Lower Upper
84 100
49 76.0 84.9 127.3#
51 0.0 27.0 40.6#
86 0.0 52.3 78.5#



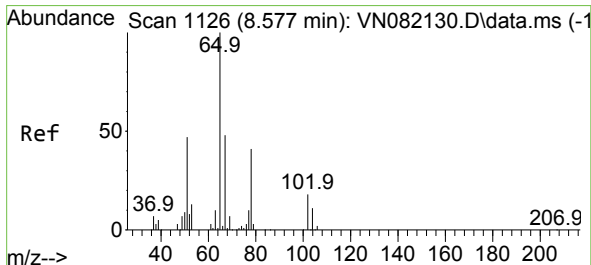
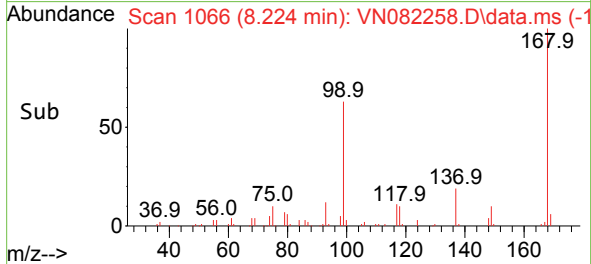
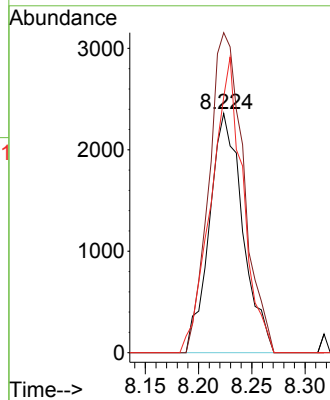


#31
Cyclohexane
Concen: 1.158 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN082258.D
Acq: 21 May 2024 23:08

Instrument :
MSVOA_N
ClientSampleId :
VN0521MBL03

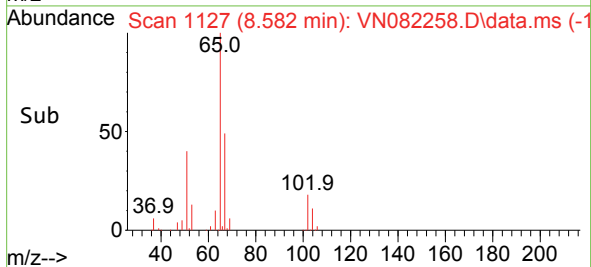
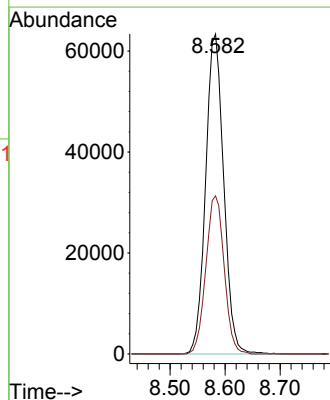
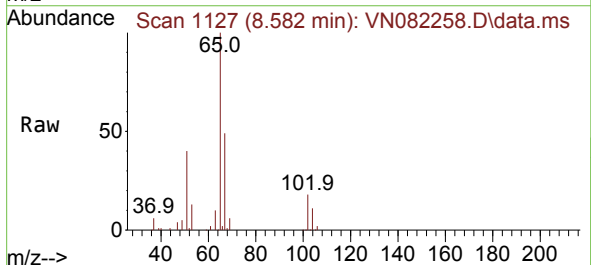


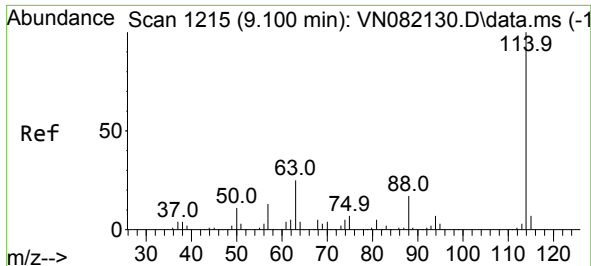
Tgt Ion: 56 Resp: 5124
Ion Ratio Lower Upper
56 100
69 133.7 24.4 36.6#
84 106.8 77.0 115.4



#33
1,2-Dichloroethane-d4
Concen: 52.213 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082258.D
Acq: 21 May 2024 23:08

Tgt Ion: 65 Resp: 144624
Ion Ratio Lower Upper
65 100
67 50.0 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN082258.D

Acq: 21 May 2024 23:08

Instrument :

MSVOA_N

ClientSampleId :

VN0521MBL03

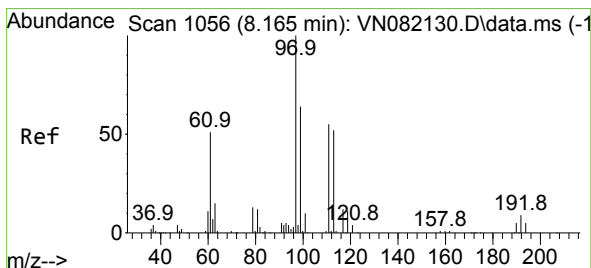
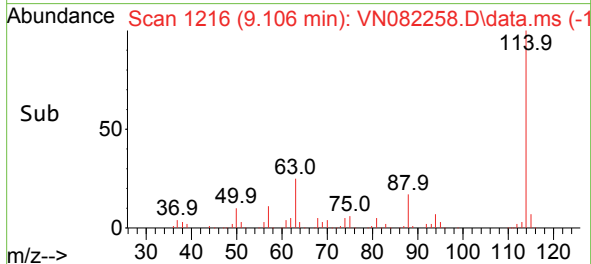
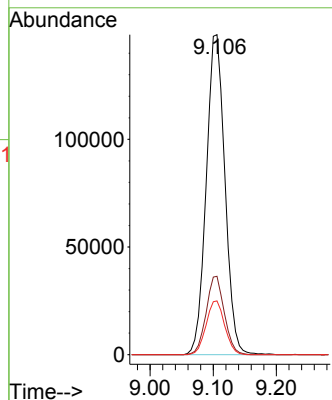
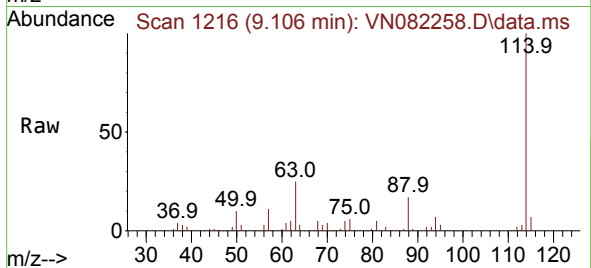
Tgt Ion:114 Resp: 305159

Ion Ratio Lower Upper

114 100

63 24.5 0.0 41.0

88 16.8 0.0 31.4



#35

Dibromofluoromethane

Concen: 54.593 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082258.D

Acq: 21 May 2024 23:08

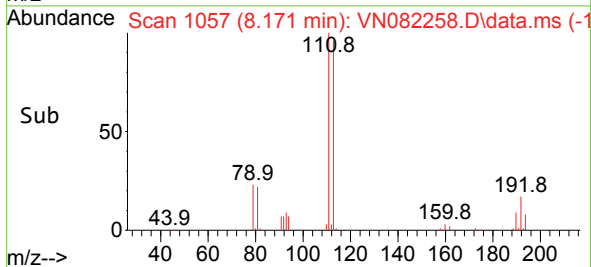
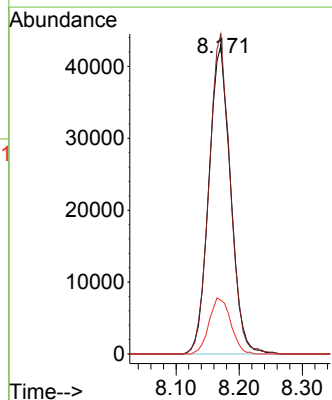
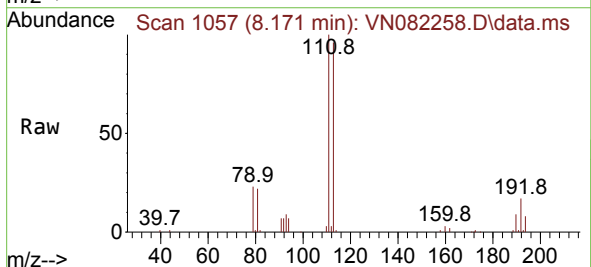
Tgt Ion:113 Resp: 102481

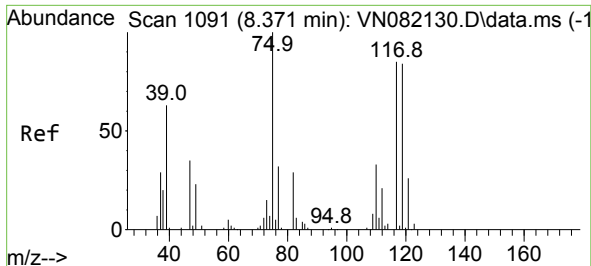
Ion Ratio Lower Upper

113 100

111 101.4 83.4 125.2

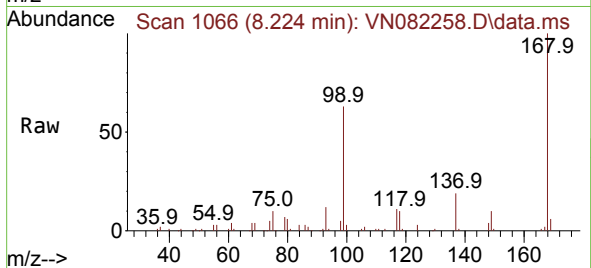
192 18.1 14.0 21.0



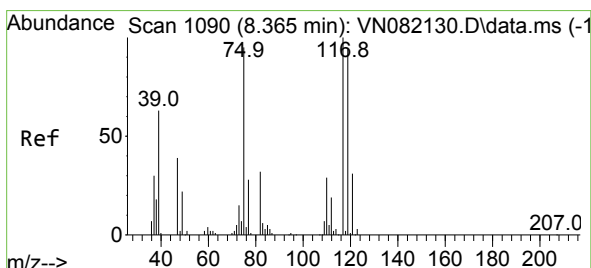
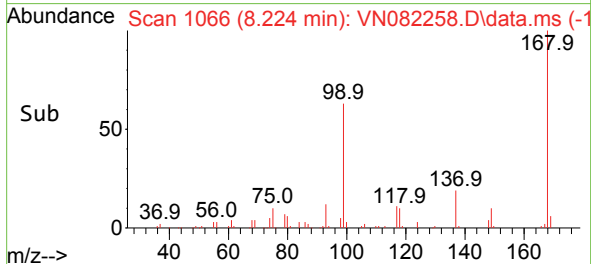
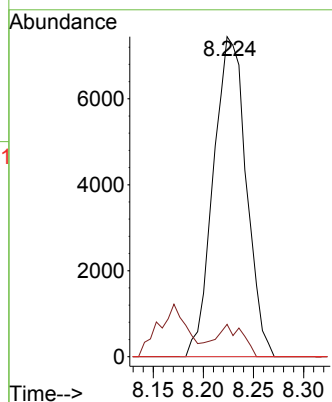


#36
1,1-Dichloropropene
Concen: 5.391 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN082258.D
Acq: 21 May 2024 23:08

Instrument :
MSVOA_N
ClientSampleId :
VN0521MBL03

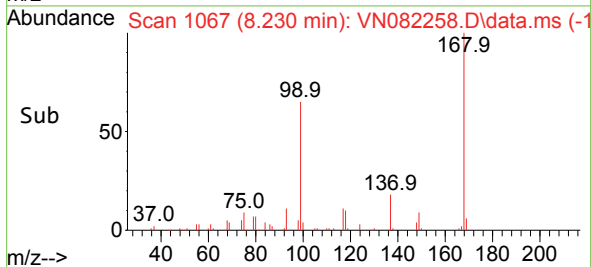
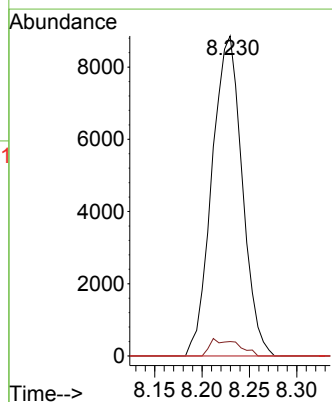
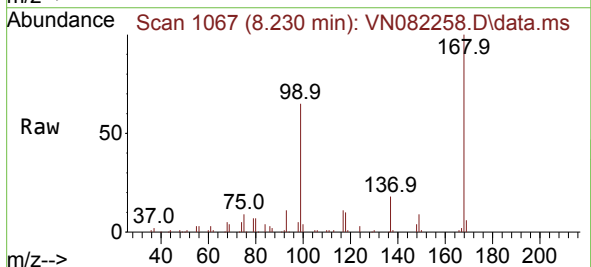


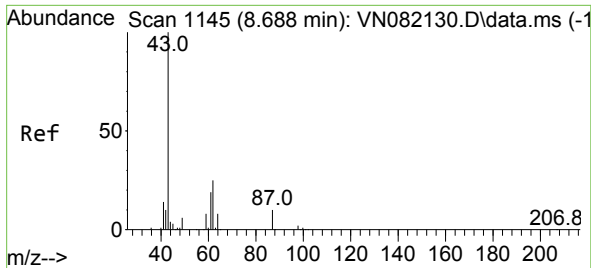
Tgt Ion: 75 Resp: 16973
Ion Ratio Lower Upper
75 100
110 8.3 17.8 53.5#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 6.168 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.135 min
Lab File: VN082258.D
Acq: 21 May 2024 23:08

Tgt Ion: 117 Resp: 19686
Ion Ratio Lower Upper
117 100
119 4.5 76.5 114.7#
121 0.0 23.9 35.9#

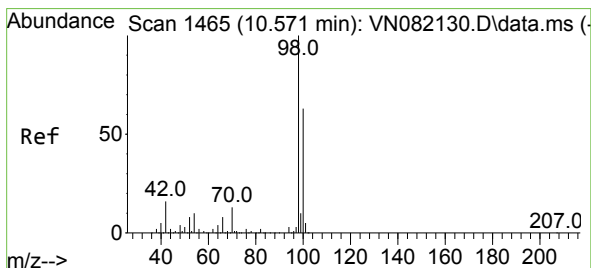
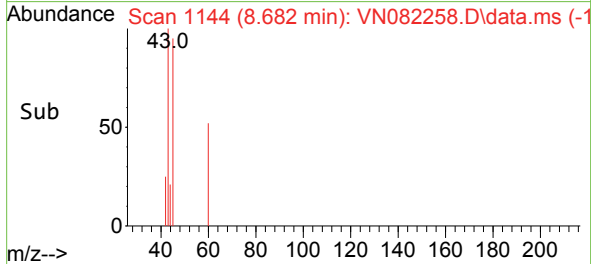
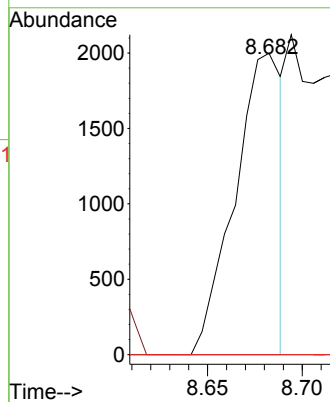
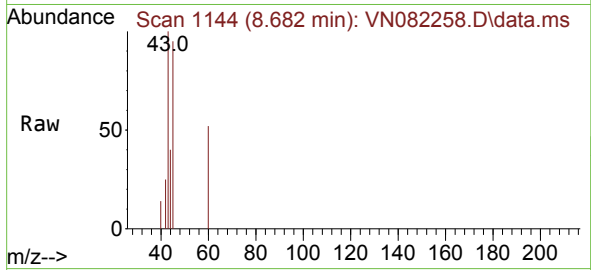




#43
Isopropyl Acetate
Concen: 0.555 ug/l
RT: 8.682 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN082258.D
Acq: 21 May 2024 23:08

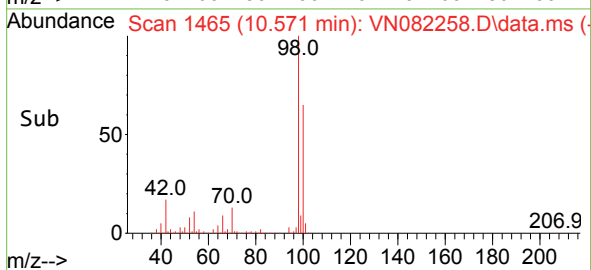
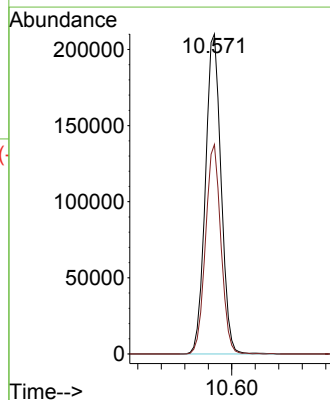
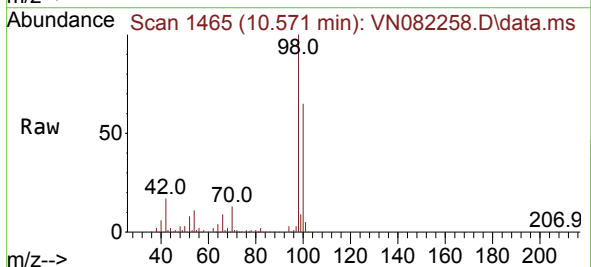
Instrument :
MSVOA_N
ClientSampleId :
VN0521MBL03

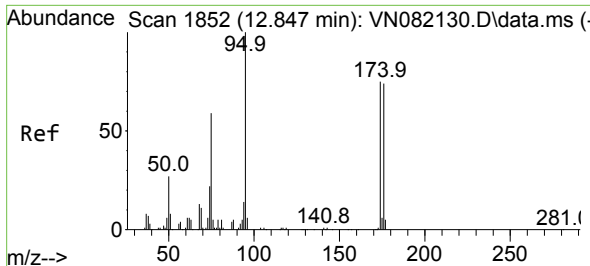
Tgt Ion: 43 Resp: 3462
Ion Ratio Lower Upper
43 100
61 0.0 22.8 34.2#
87 0.0 12.0 18.0#



#50
Toluene-d8
Concen: 54.030 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082258.D
Acq: 21 May 2024 23:08

Tgt Ion: 98 Resp: 388854
Ion Ratio Lower Upper
98 100
100 64.4 51.8 77.6

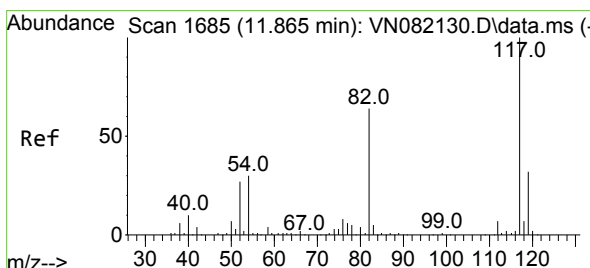
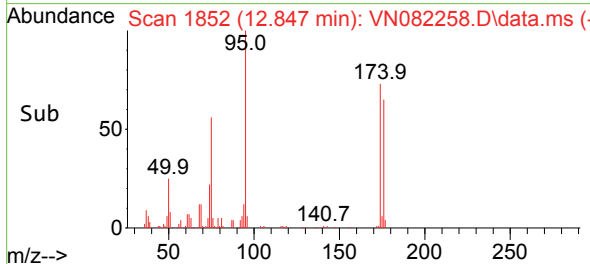
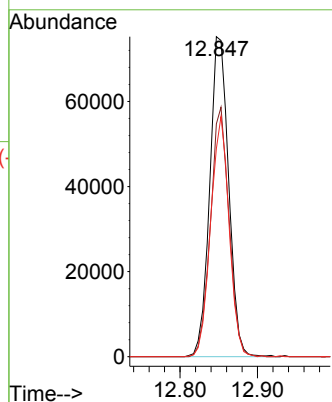
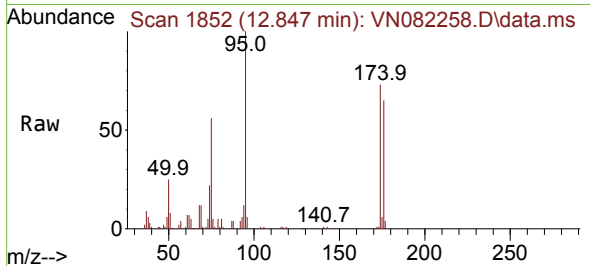




#62
4-Bromofluorobenzene
Concen: 49.602 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN082258.D
Acq: 21 May 2024 23:08

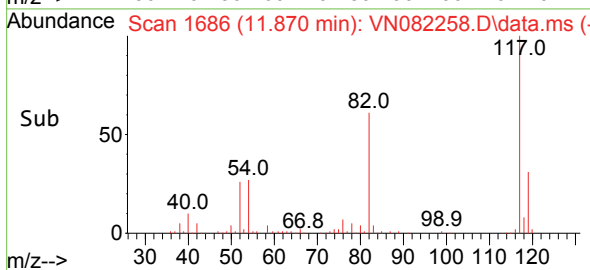
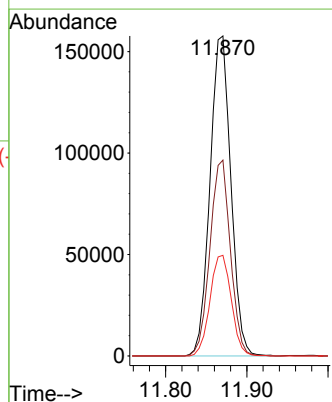
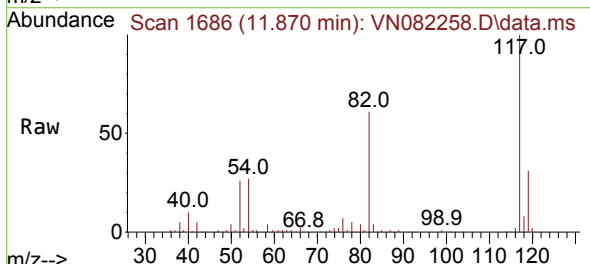
Instrument :
MSVOA_N
ClientSampleId :
VN0521MBL03

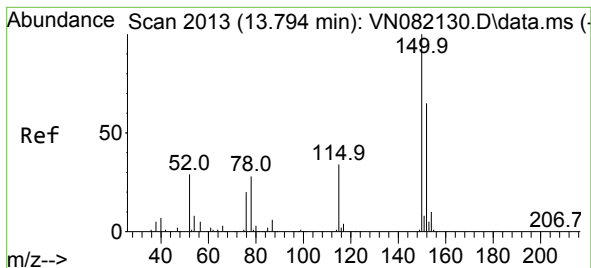
Tgt Ion: 95 Resp: 127417
Ion Ratio Lower Upper
95 100
174 76.6 0.0 160.6
176 73.2 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN082258.D
Acq: 21 May 2024 23:08

Tgt Ion: 117 Resp: 281416
Ion Ratio Lower Upper
117 100
82 61.2 44.6 66.8
119 31.5 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN082258.D

Acq: 21 May 2024 23:08

Instrument :

MSVOA_N

ClientSampleId :

VN0521MBL03

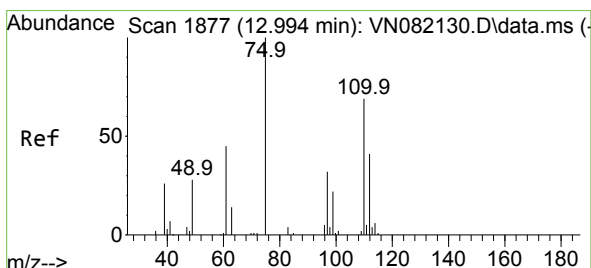
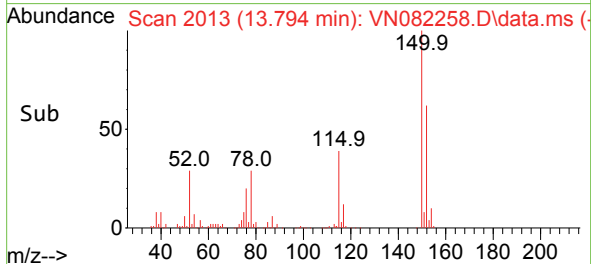
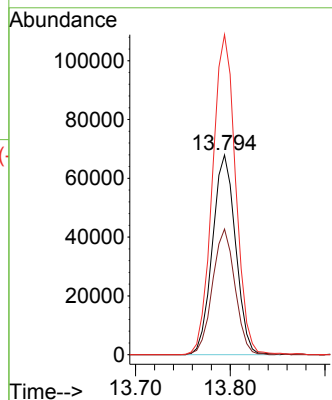
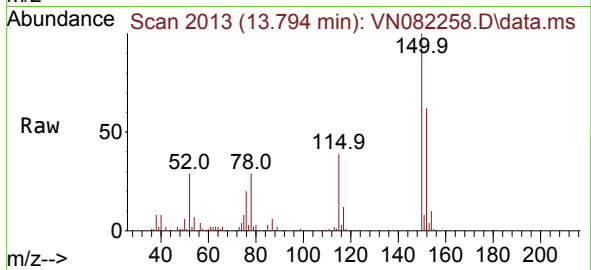
Tgt Ion:152 Resp: 115125

Ion Ratio Lower Upper

152 100

115 61.2 30.4 91.3

150 161.1 0.0 353.2



#76

1,2,3-Trichloropropane

Concen: 30.843 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN082258.D

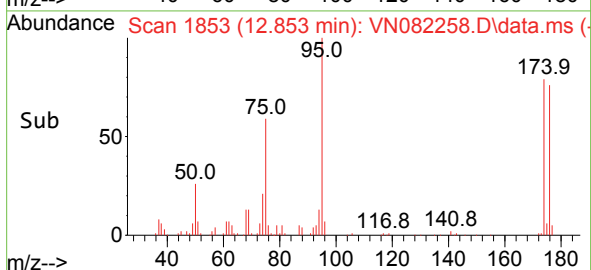
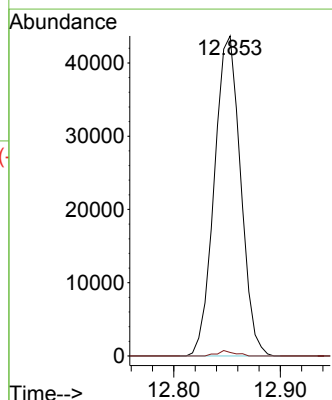
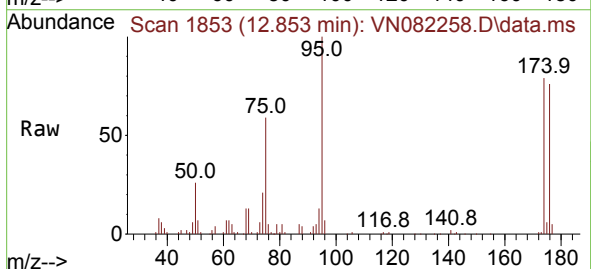
Acq: 21 May 2024 23:08

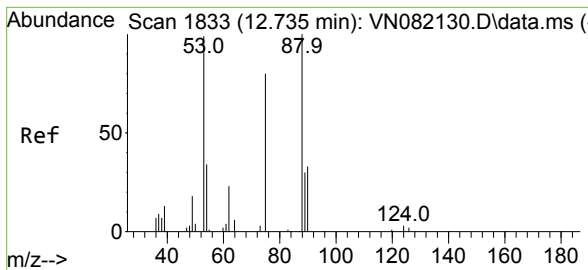
Tgt Ion: 75 Resp: 74737

Ion Ratio Lower Upper

75 100

77 1.1 90.5 271.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 72.142 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.118 min
 Lab File: VN082258.D
 Acq: 21 May 2024 23:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0521MBL03

Tgt Ion: 75 Resp: 74737
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.9 109.3#
 89 0.0 39.1 58.7#

