

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN043024\
 Data File : VN081940.D
 Acq On : 30 Apr 2024 18:52
 Operator : JC\MD
 Sample : P2183-02DL 100X
 Misc : 1.28g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 01 06:02:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 26 05:26:49 2024
 Response via : Initial Calibration

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

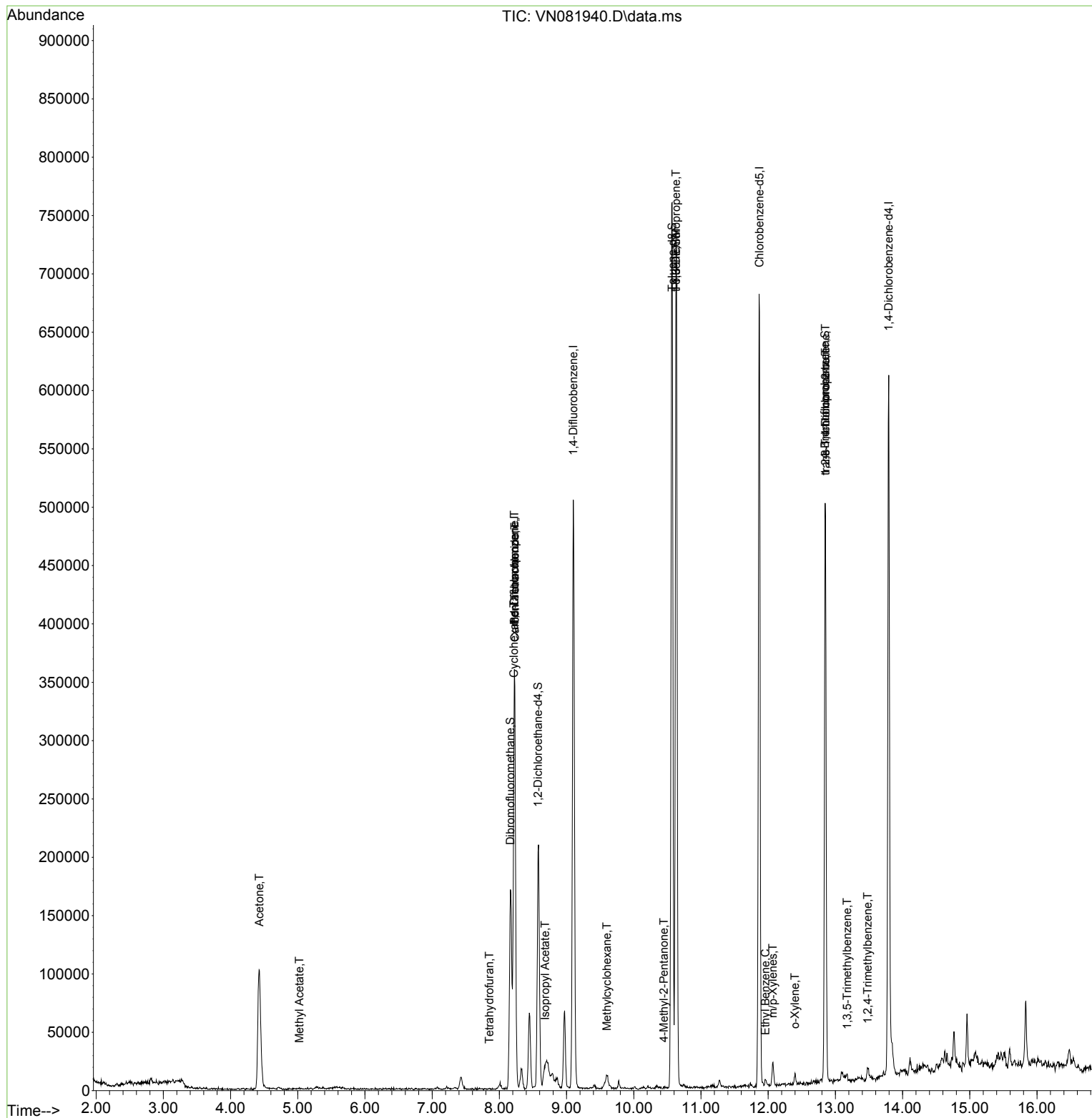
Internal Standards						
1) Pentafluorobenzene	8.224	168	222187	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	427584	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	377116	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	146418	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	166763	44.471	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.940%
35) Dibromofluoromethane	8.165	113	125050	48.574	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.140%
50) Toluene-d8	10.571	98	534782	52.892	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	105.780%
62) 4-Bromofluorobenzene	12.847	95	177087	44.306	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	88.620%
Target Compounds						
					Qvalue	
5) Bromomethane	2.965	94	264	Below Cal	#	3
13) Acrolein	4.189	56	203	Below Cal		83
16) Acetone	4.430	43	195482	174.638	ug/l	97
18) Methyl Acetate	5.024	43	809	0.213	ug/l #	47
29) Tetrahydrofuran	7.853	42	322	0.211	ug/l #	29
31) Cyclohexane	8.218	56	13691	2.424	ug/l #	61
36) 1,1-Dichloropropene	8.224	75	22220	5.305	ug/l #	48
38) Carbon Tetrachloride	8.229	117	22605	5.522	ug/l #	15
39) Methylcyclohexane	9.600	83	4787	0.941	ug/l #	81
43) Isopropyl Acetate	8.682	43	38329	4.502	ug/l #	53
51) 4-Methyl-2-Pentanone	10.447	43	1072	0.224	ug/l #	55
52) Toluene	10.629	92	320370	42.549	ug/l	98
53) t-1,3-Dichloropropene	10.629	75	3806	0.729	ug/l #	1
67) Ethyl Benzene	11.959	91	4657	0.304	ug/l #	82
68) m/p-Xylenes	12.070	106	5473	1.002	ug/l	94
69) o-Xylene	12.400	106	3096	0.580	ug/l	76
76) 1,2,3-Trichloropropane	12.853	75	95853	25.249	ug/l #	1
80) 1,3,5-Trimethylbenzene	13.176	105	2406	0.218	ug/l	92
81) trans-1,4-Dichloro-2-b...	12.853	75	95853	51.739	ug/l #	13
84) 1,2,4-Trimethylbenzene	13.482	105	7256	0.660	ug/l	99

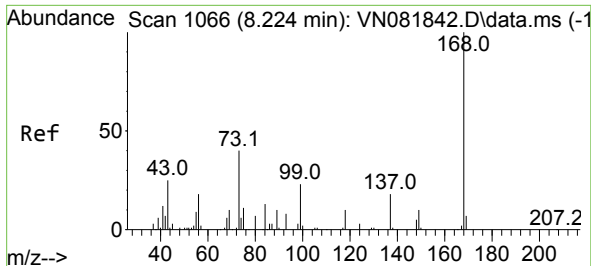
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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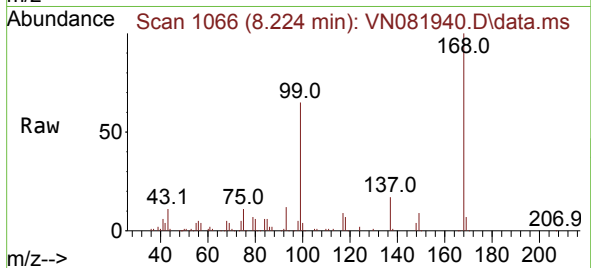
Quant Time: May 01 06:02:31 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
Quant Title : SW846 8260
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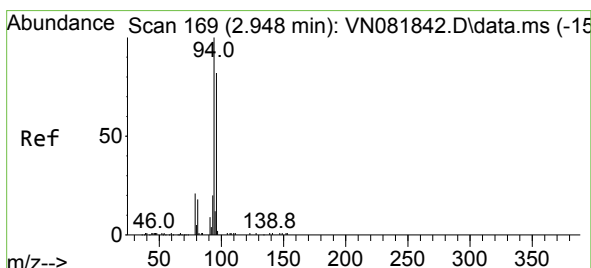
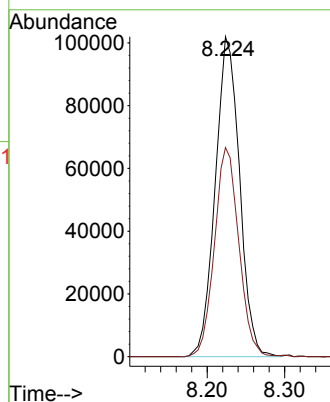
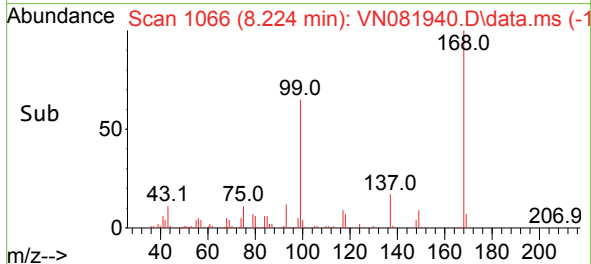


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081940.D
Acq: 30 Apr 2024 18:52

Instrument :
MSVOA_N
ClientSampleId :

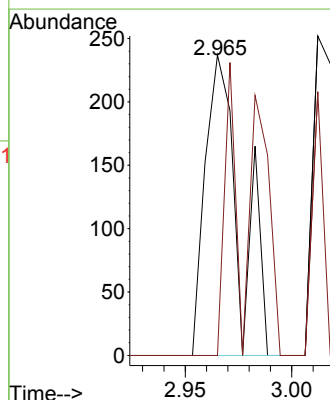
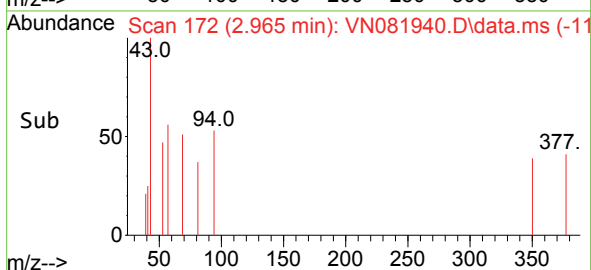
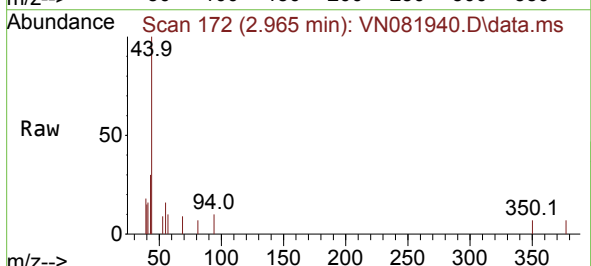


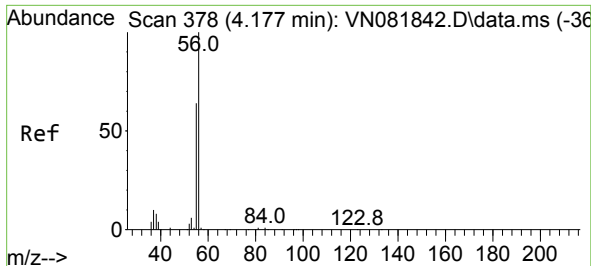
Tgt Ion:168 Resp: 222187
Ion Ratio Lower Upper
168 100
99 65.4 48.2 72.4



#5
Bromomethane
Concen: Below Cal
RT: 2.965 min Scan# 172
Delta R.T. 0.017 min
Lab File: VN081940.D
Acq: 30 Apr 2024 18:52

Tgt Ion: 94 Resp: 264
Ion Ratio Lower Upper
94 100
96 0.0 74.8 112.2#





#13

Acrolein

Concen: Below Cal

RT: 4.189 min Scan# 31

Delta R.T. 0.012 min

Lab File: VN081940.D

Acq: 30 Apr 2024 18:52

Instrument :

MSVOA_N

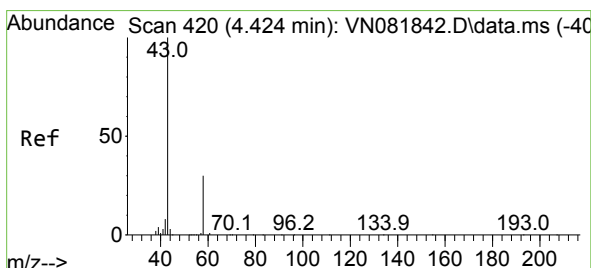
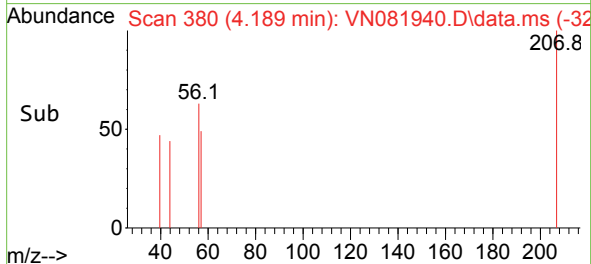
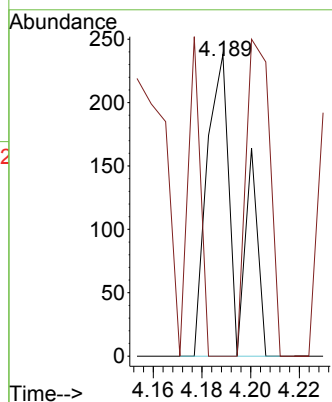
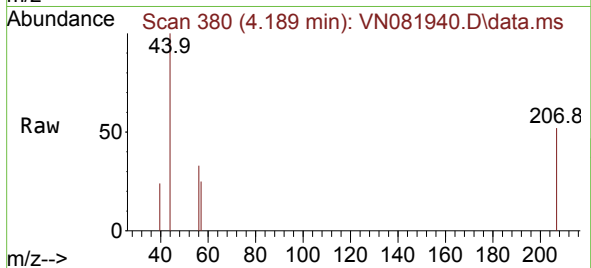
ClientSampleId :

Tgt Ion: 56 Resp: 203

Ion Ratio Lower Upper

56 100

55 83.7 55.8 83.8



#16

Acetone

Concen: 174.638 ug/l

RT: 4.430 min Scan# 421

Delta R.T. 0.006 min

Lab File: VN081940.D

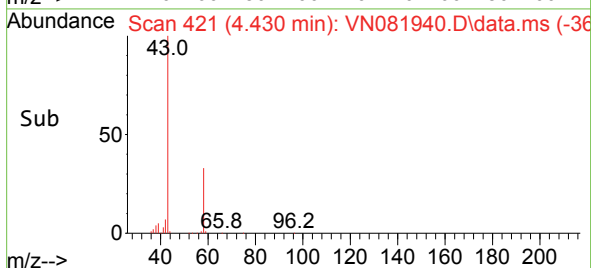
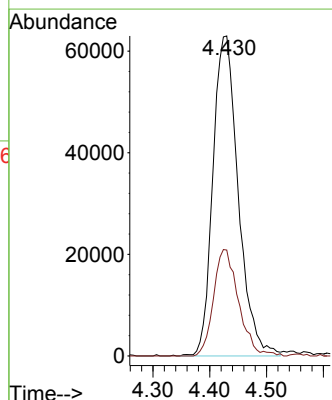
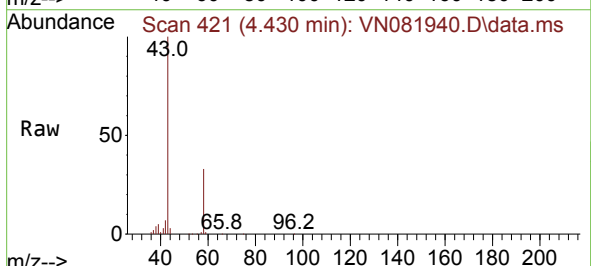
Acq: 30 Apr 2024 18:52

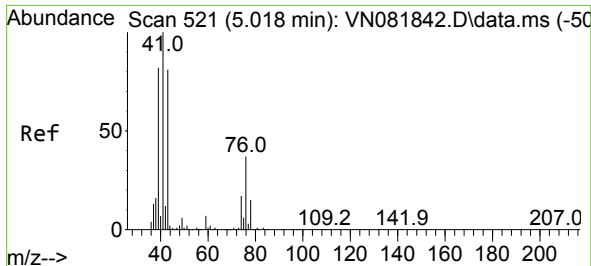
Tgt Ion: 43 Resp: 195482

Ion Ratio Lower Upper

43 100

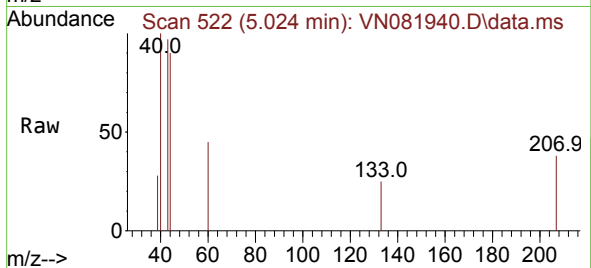
58 33.1 25.2 37.8



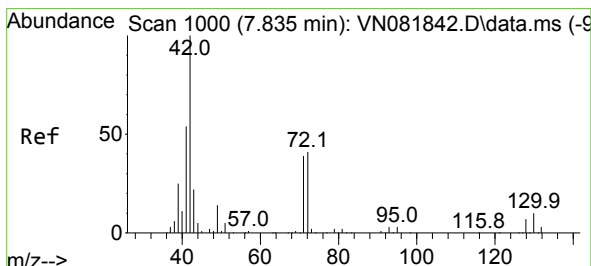
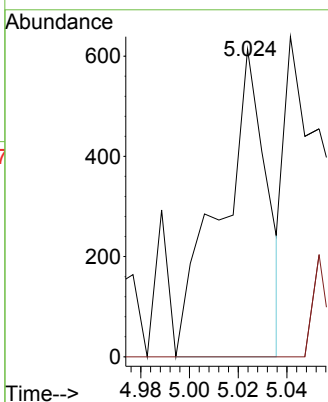
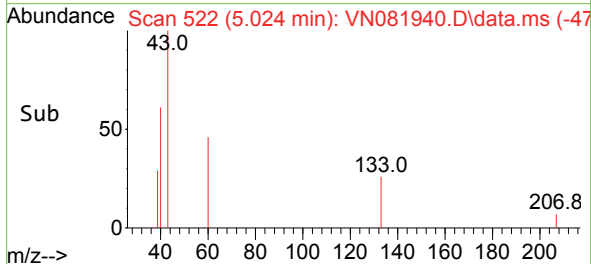


#18
Methyl Acetate
Concen: 0.213 ug/l
RT: 5.024 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN081940.D
Acq: 30 Apr 2024 18:52

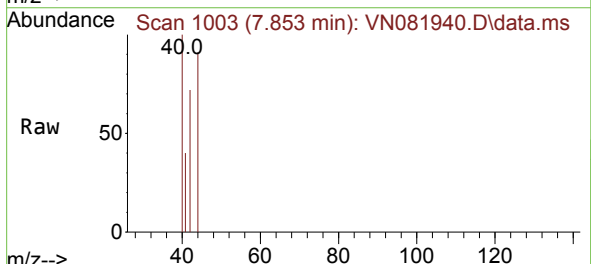
Instrument :
MSVOA_N
ClientSampleId :



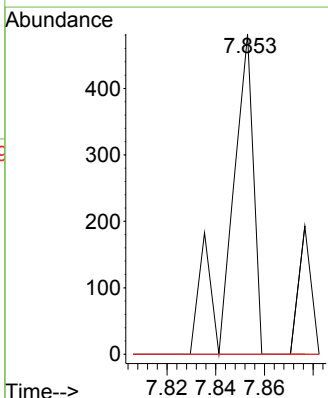
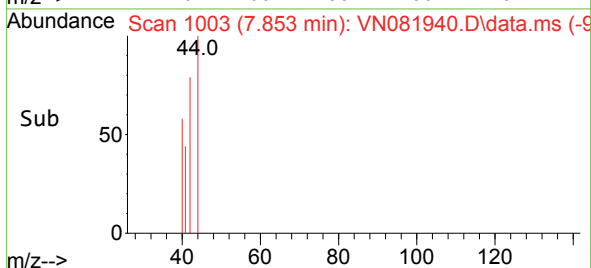
Tgt Ion: 43 Resp: 809
Ion Ratio Lower Upper
43 100
74 0.0 22.2 33.2#

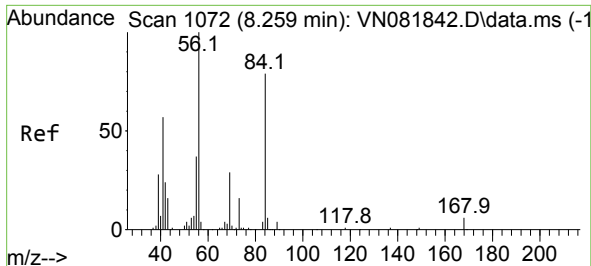


#29
Tetrahydrofuran
Concen: 0.211 ug/l
RT: 7.853 min Scan# 1003
Delta R.T. 0.018 min
Lab File: VN081940.D
Acq: 30 Apr 2024 18:52



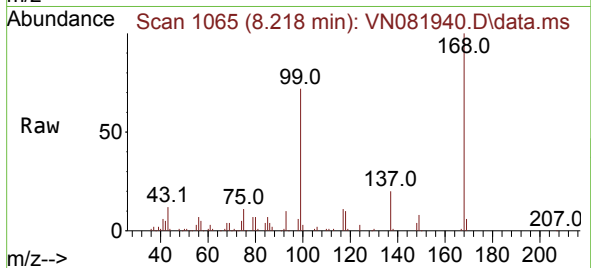
Tgt Ion: 42 Resp: 322
Ion Ratio Lower Upper
42 100
72 0.0 39.3 58.9#
71 0.0 37.4 56.0#



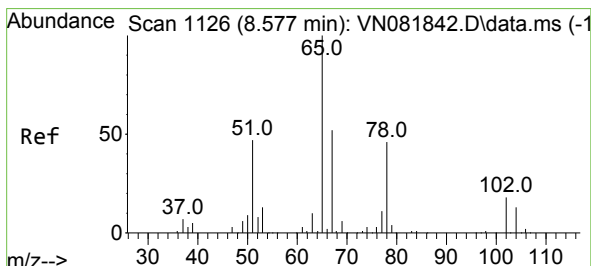
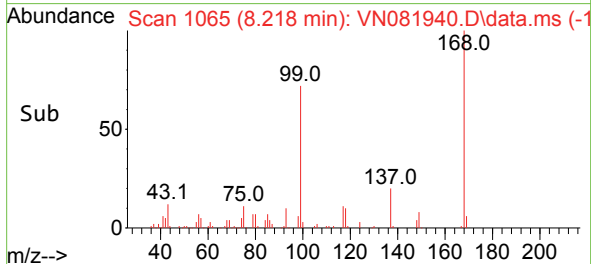
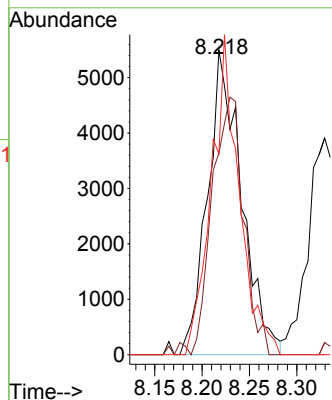


#31
Cyclohexane
Concen: 2.424 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN081940.D
Acq: 30 Apr 2024 18:52

Instrument :
MSVOA_N
ClientSampleId :

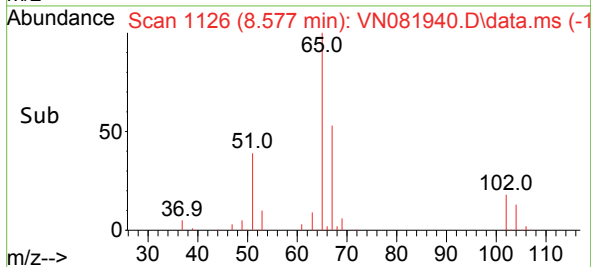
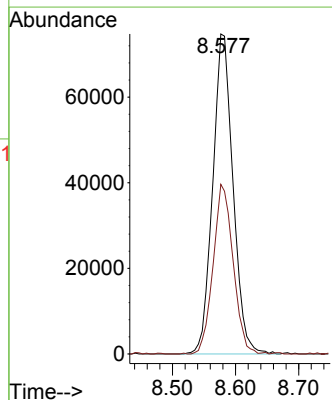
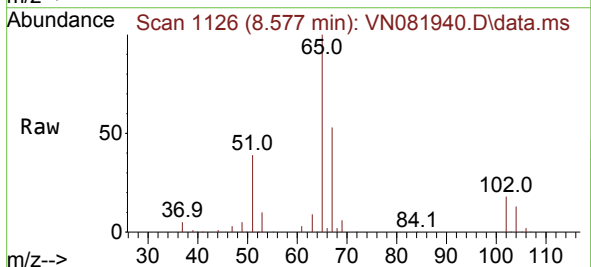


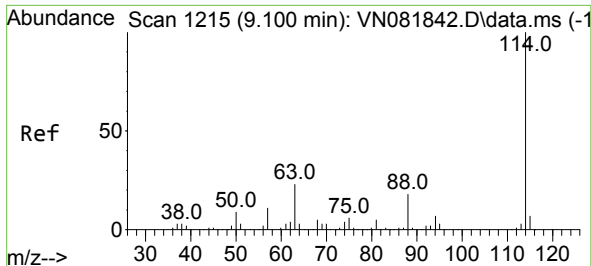
Tgt Ion: 56 Resp: 13691
Ion Ratio Lower Upper
56 100
69 66.2 24.4 36.6#
84 66.0 77.0 115.4#



#33
1,2-Dichloroethane-d4
Concen: 44.471 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN081940.D
Acq: 30 Apr 2024 18:52

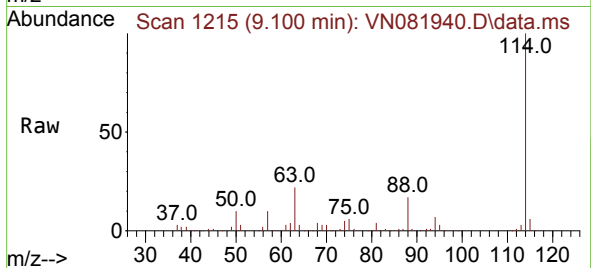
Tgt Ion: 65 Resp: 166763
Ion Ratio Lower Upper
65 100
67 52.3 0.0 103.0



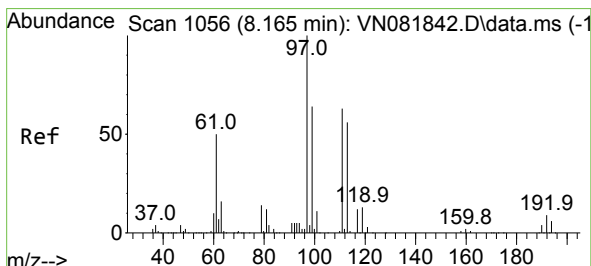
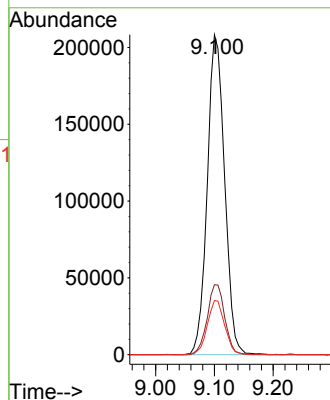
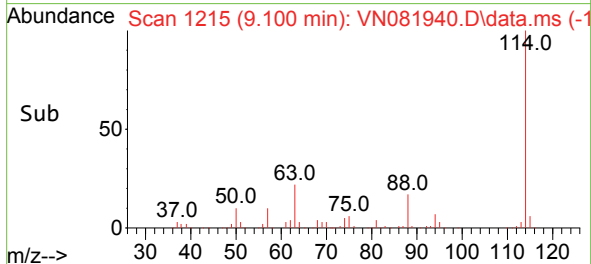


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081940.D
Acq: 30 Apr 2024 18:52

Instrument :
MSVOA_N
ClientSampleId :

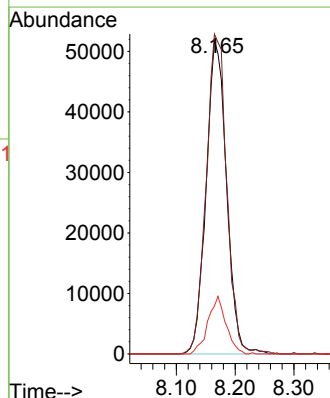
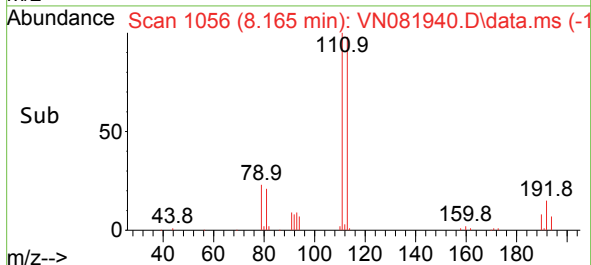
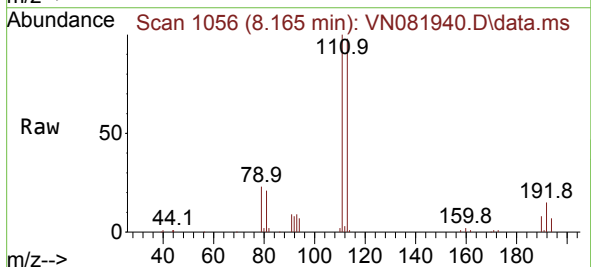


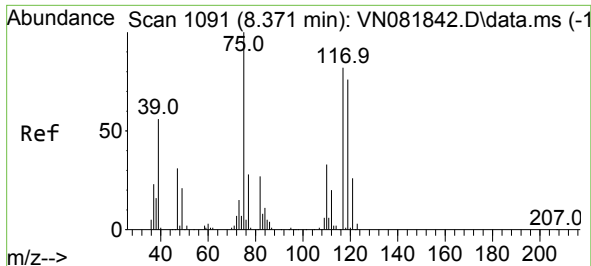
Tgt Ion:114 Resp: 427584
Ion Ratio Lower Upper
114 100
63 21.8 0.0 41.0
88 16.9 0.0 31.4



#35
Dibromofluoromethane
Concen: 48.574 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN081940.D
Acq: 30 Apr 2024 18:52

Tgt Ion:113 Resp: 125050
Ion Ratio Lower Upper
113 100
111 103.2 83.4 125.2
192 16.3 14.0 21.0





#36

1,1-Dichloropropene

Concen: 5.305 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

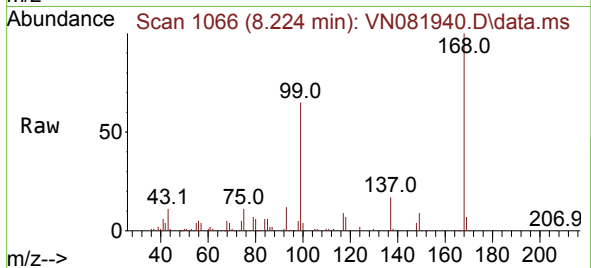
Lab File: VN081940.D

Acq: 30 Apr 2024 18:52

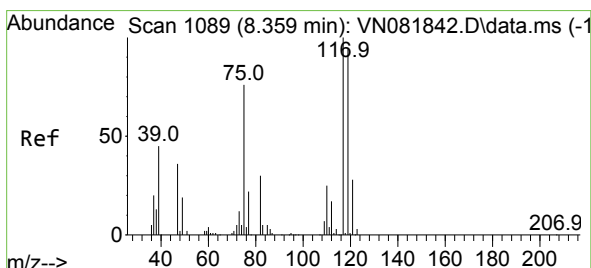
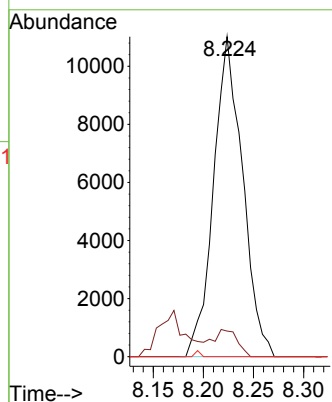
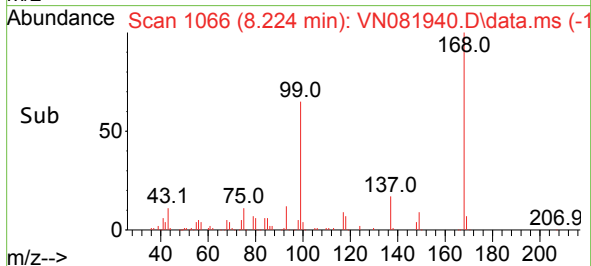
Instrument :

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Tgt Ion:	75	Resp:	22220
Ion Ratio	Lower	Upper	
75	100		
110	7.1	17.8	53.5#
77	0.0	25.0	37.4#



#38

Carbon Tetrachloride

Concen: 5.522 ug/l

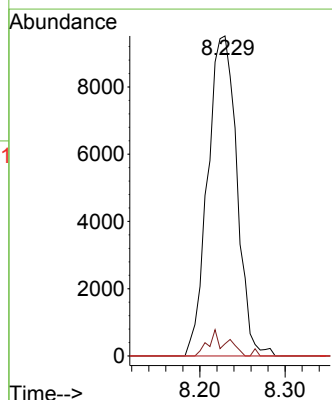
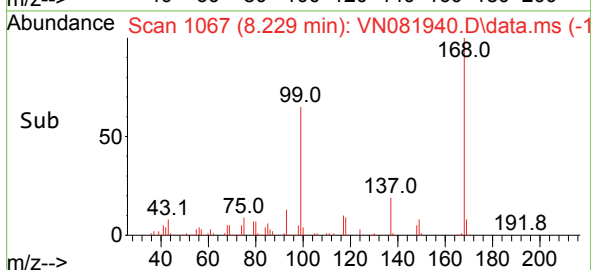
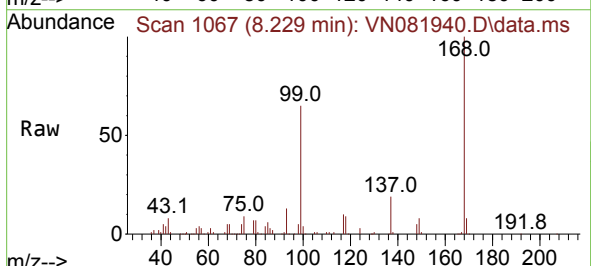
RT: 8.229 min Scan# 1067

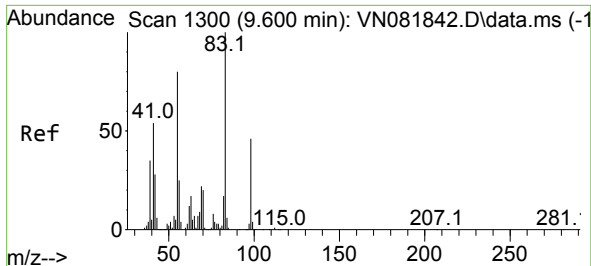
Delta R.T. -0.129 min

Lab File: VN081940.D

Acq: 30 Apr 2024 18:52

Tgt Ion:	117	Resp:	22605
Ion Ratio	Lower	Upper	
117	100		
119	3.8	76.5	114.7#
121	0.0	23.9	35.9#





#39

Methylcyclohexane

Concen: 0.941 ug/l

RT: 9.600 min Scan# 1144

Delta R.T. -0.000 min

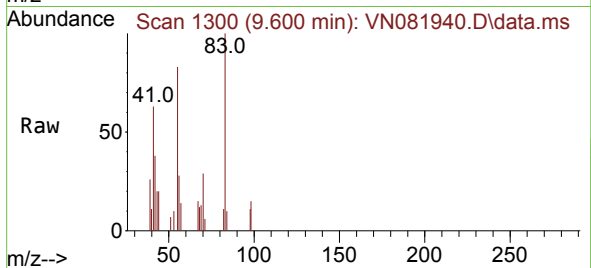
Lab File: VN081940.D

Acq: 30 Apr 2024 18:52

Instrument :

MSVOA_N

ClientSampleId :



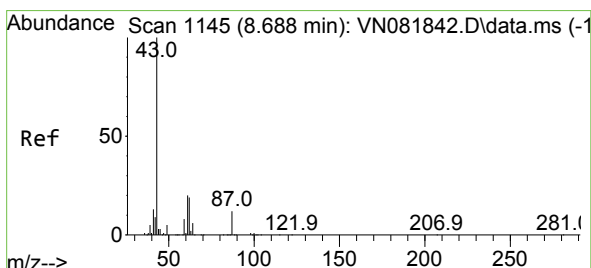
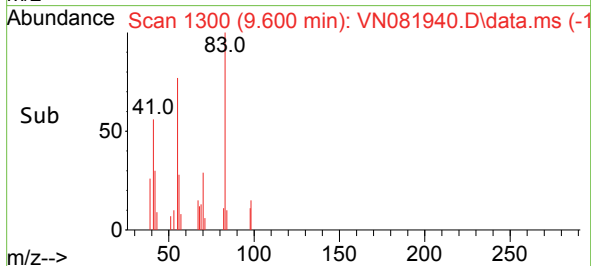
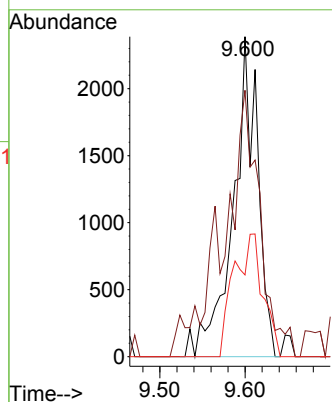
Tgt Ion: 83 Resp: 4787

Ion Ratio Lower Upper

83 100

55 74.4 53.0 79.6

98 25.5 37.1 55.7#



#43

Isopropyl Acetate

Concen: 4.502 ug/l

RT: 8.682 min Scan# 1144

Delta R.T. -0.006 min

Lab File: VN081940.D

Acq: 30 Apr 2024 18:52

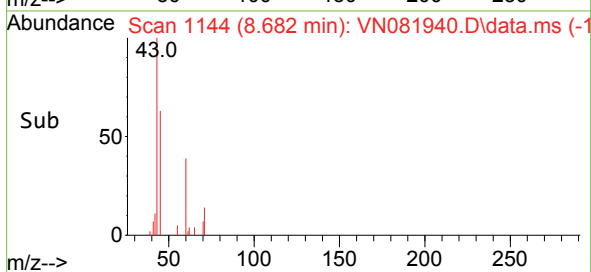
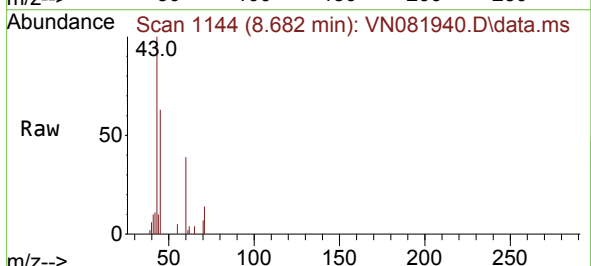
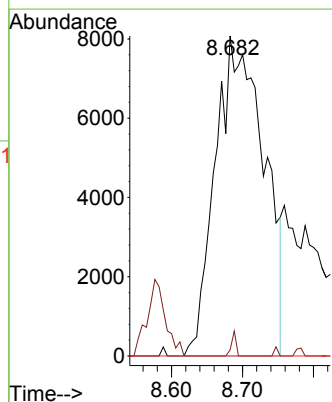
Tgt Ion: 43 Resp: 38329

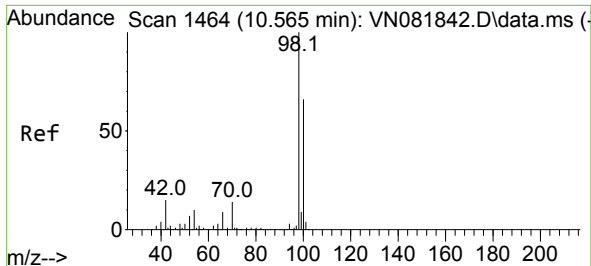
Ion Ratio Lower Upper

43 100

61 0.7 22.8 34.2#

87 0.0 12.0 18.0#

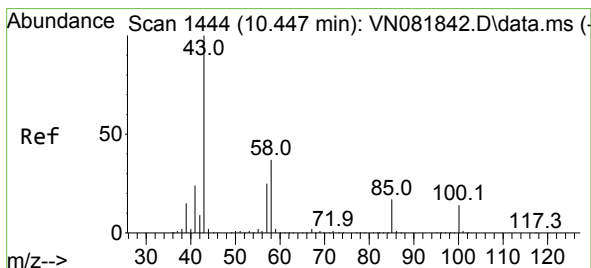
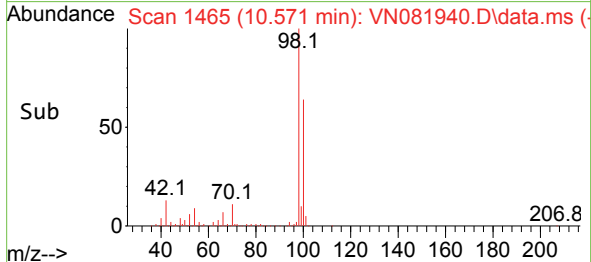
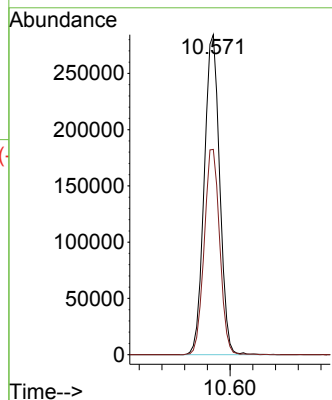
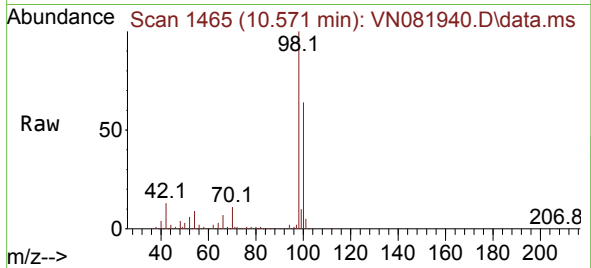




#50
Toluene-d8
Concen: 52.892 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081940.D
Acq: 30 Apr 2024 18:52

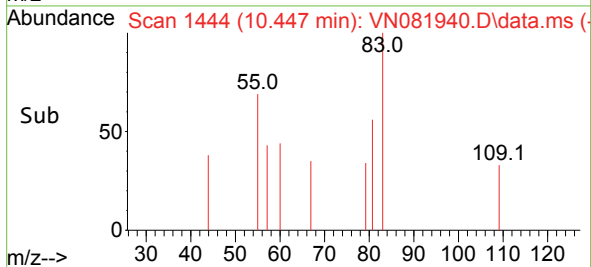
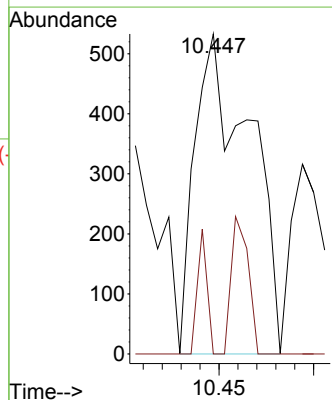
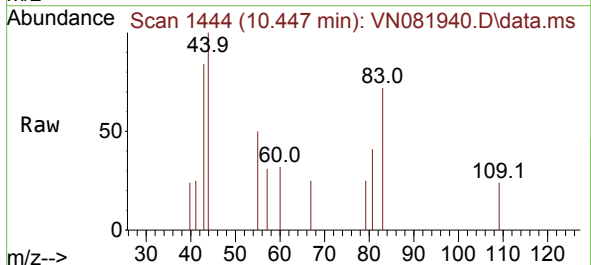
Instrument :
MSVOA_N
ClientSampleId :

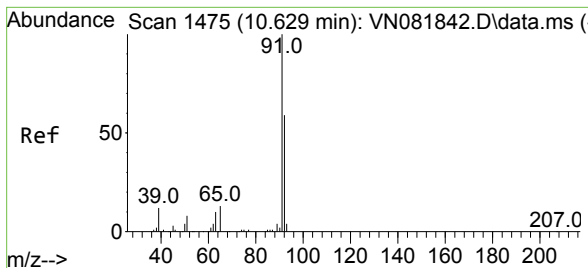
Tgt Ion: 98 Resp: 534782
Ion Ratio Lower Upper
98 100
100 64.4 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 0.224 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN081940.D
Acq: 30 Apr 2024 18:52

Tgt Ion: 43 Resp: 1072
Ion Ratio Lower Upper
43 100
58 13.3 33.2 49.8#





#52

Toluene

Concen: 42.549 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VN081940.D

Acq: 30 Apr 2024 18:52

Instrument :

MSVOA_N

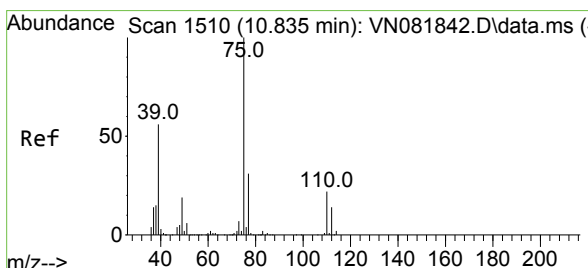
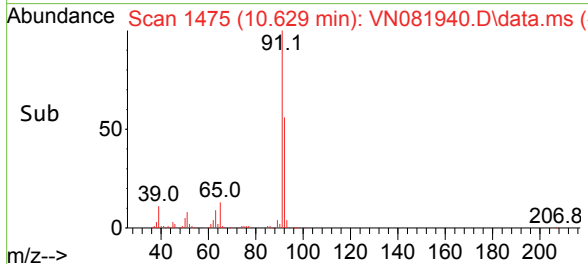
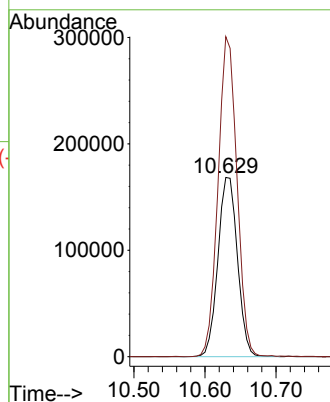
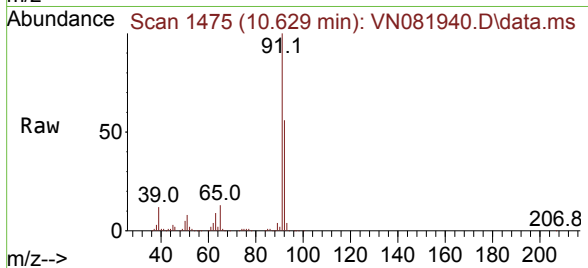
ClientSampleId :

Tgt Ion: 92 Resp: 320370

Ion Ratio Lower Upper

92 100

91 173.4 136.7 205.1



#53

t-1,3-Dichloropropene

Concen: 0.729 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. -0.206 min

Lab File: VN081940.D

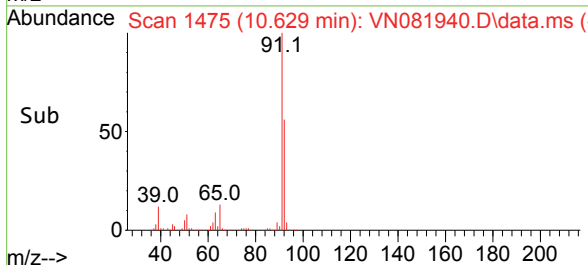
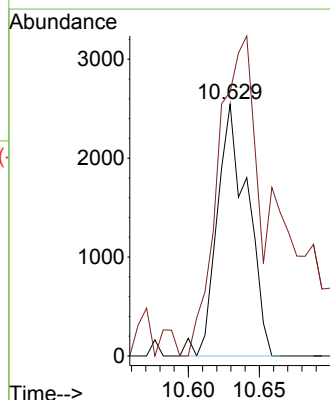
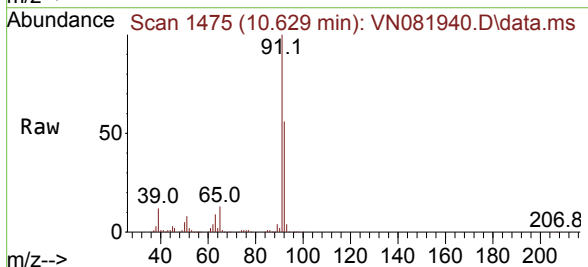
Acq: 30 Apr 2024 18:52

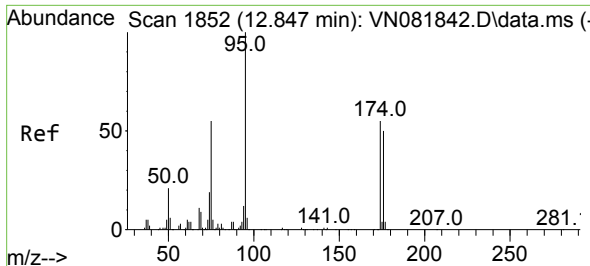
Tgt Ion: 75 Resp: 3806

Ion Ratio Lower Upper

75 100

77 105.0 25.4 38.0#

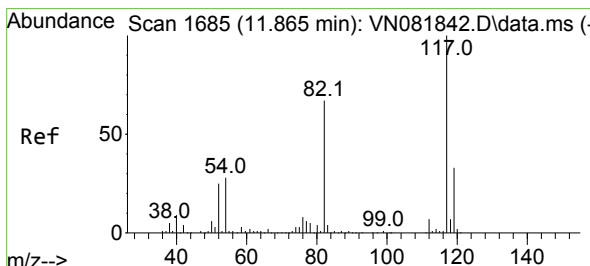
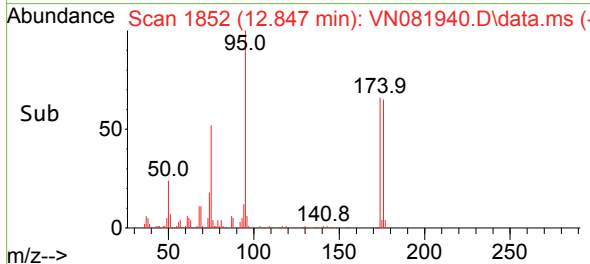
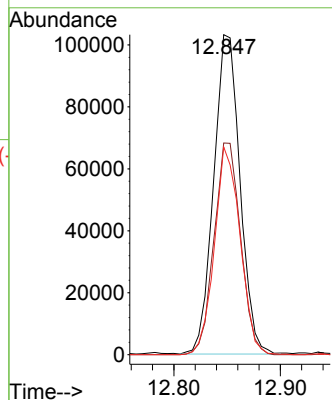
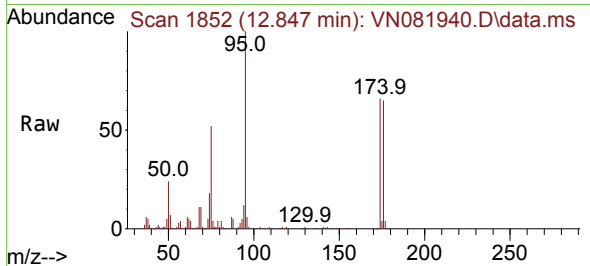




#62
4-Bromofluorobenzene
Concen: 44.306 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN081940.D
Acq: 30 Apr 2024 18:52

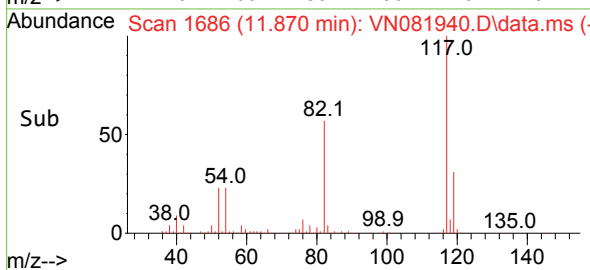
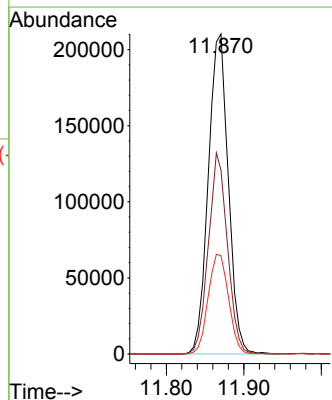
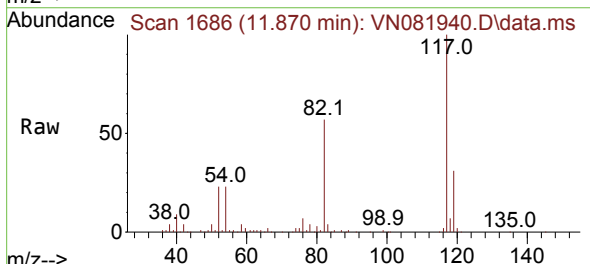
Instrument :
MSVOA_N
ClientSampleId :

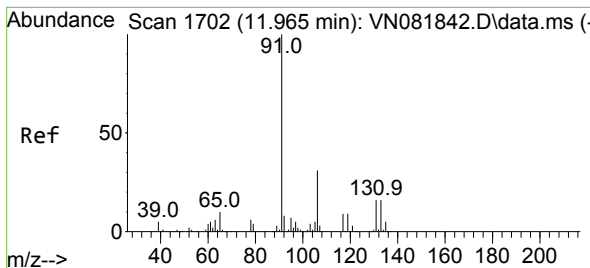
Tgt Ion: 95 Resp: 177087
Ion Ratio Lower Upper
95 100
174 66.6 0.0 160.6
176 63.3 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN081940.D
Acq: 30 Apr 2024 18:52

Tgt Ion: 117 Resp: 377116
Ion Ratio Lower Upper
117 100
82 57.4 44.6 66.8
119 30.7 25.9 38.9





#67

Ethyl Benzene

Concen: 0.304 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. -0.006 min

Lab File: VN081940.D

Acq: 30 Apr 2024 18:52

Instrument :

MSVOA_N

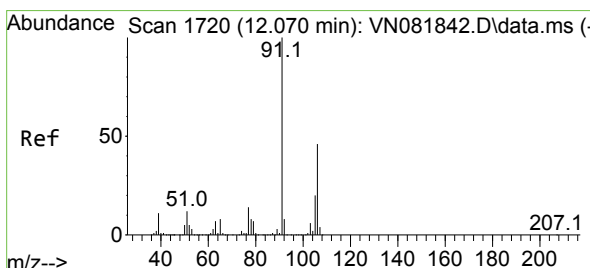
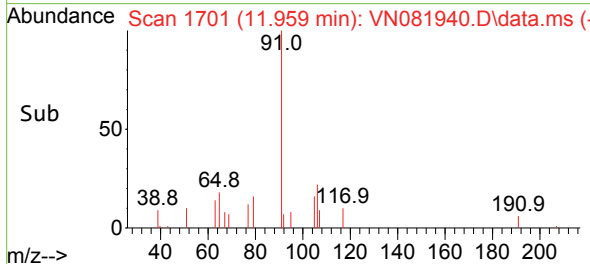
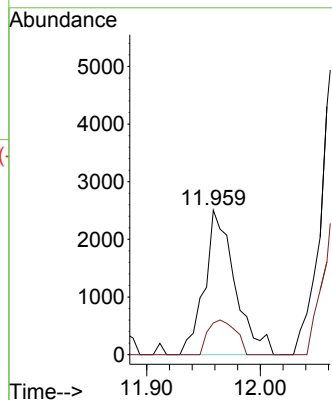
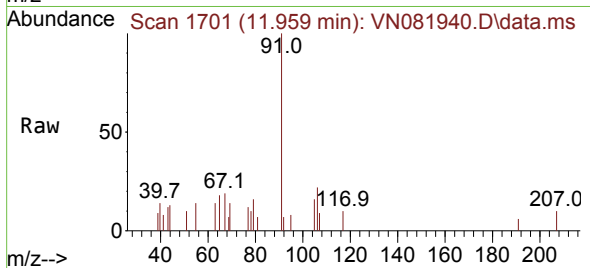
ClientSampleId :

Tgt Ion: 91 Resp: 4657

Ion Ratio Lower Upper

91 100

106 21.9 25.3 37.9#



#68

m/p-Xylenes

Concen: 1.002 ug/l

RT: 12.070 min Scan# 1720

Delta R.T. -0.000 min

Lab File: VN081940.D

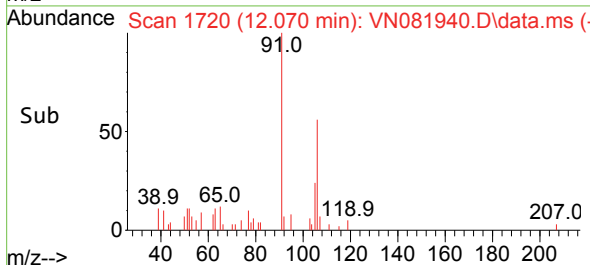
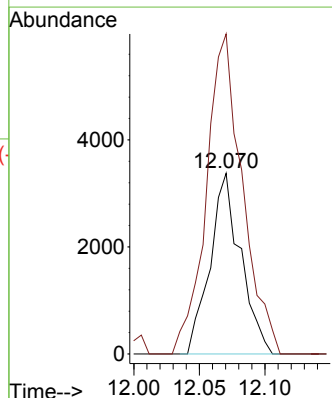
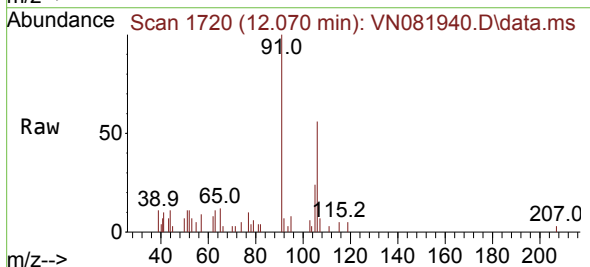
Acq: 30 Apr 2024 18:52

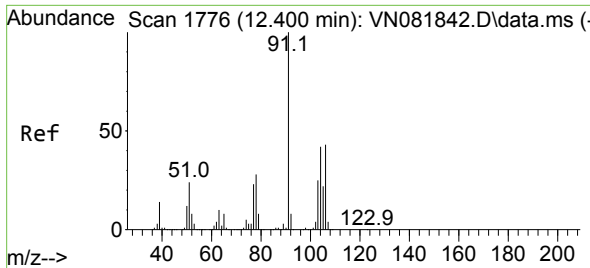
Tgt Ion:106 Resp: 5473

Ion Ratio Lower Upper

106 100

91 209.0 159.4 239.0

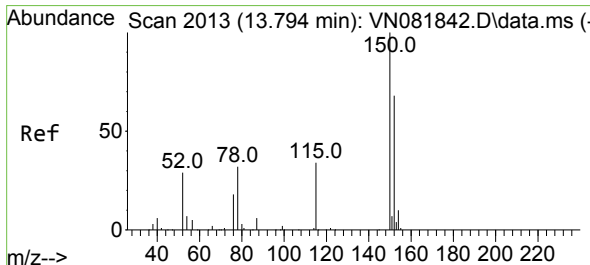
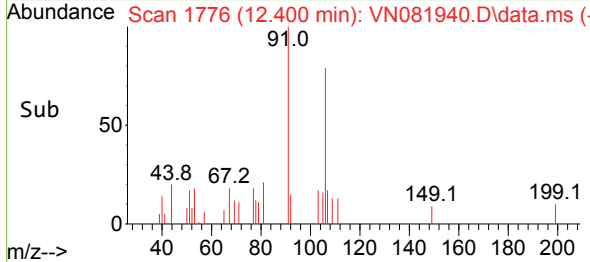
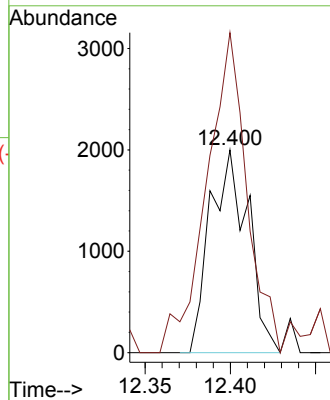
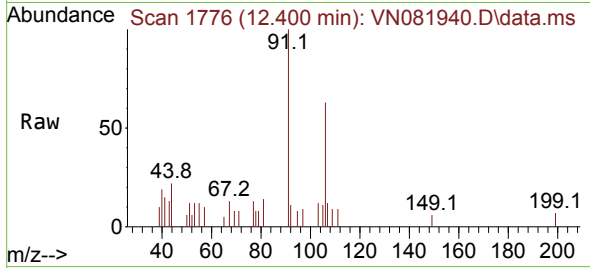




#69
o-Xylene
Concen: 0.580 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN081940.D
Acq: 30 Apr 2024 18:52

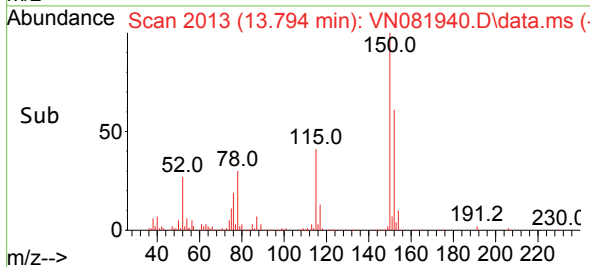
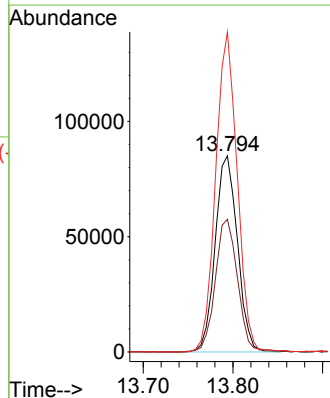
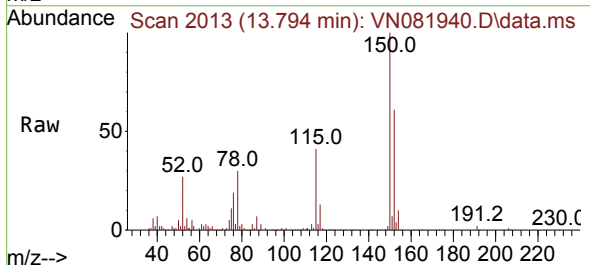
Instrument :
MSVOA_N
ClientSampleId :

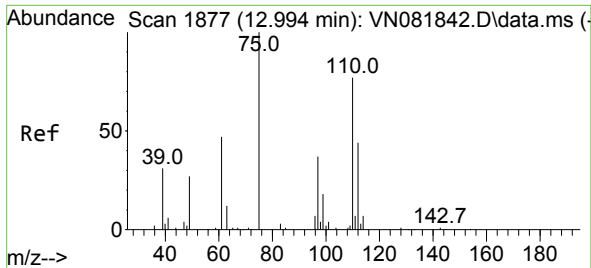
Tgt Ion:106 Resp: 3096
Ion Ratio Lower Upper
106 100
91 172.3 104.7 314.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN081940.D
Acq: 30 Apr 2024 18:52

Tgt Ion:152 Resp: 146418
Ion Ratio Lower Upper
152 100
115 68.1 30.4 91.3
150 158.2 0.0 353.2

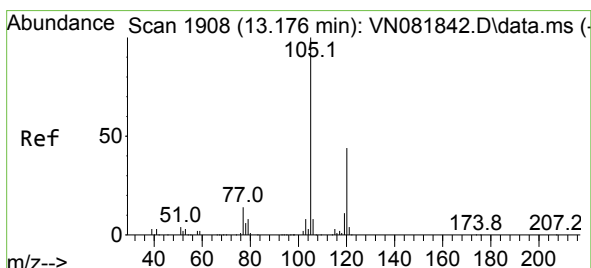
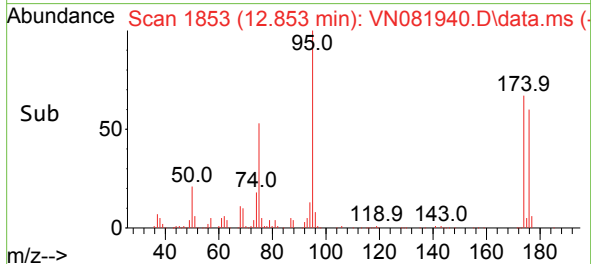
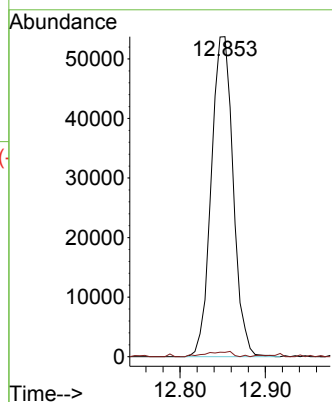
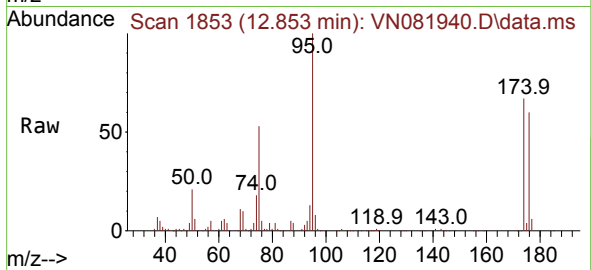




#76
1,2,3-Trichloropropane
Concen: 25.249 ug/l
RT: 12.853 min Scan# 1877
Delta R.T. -0.141 min
Lab File: VN081940.D
Acq: 30 Apr 2024 18:52

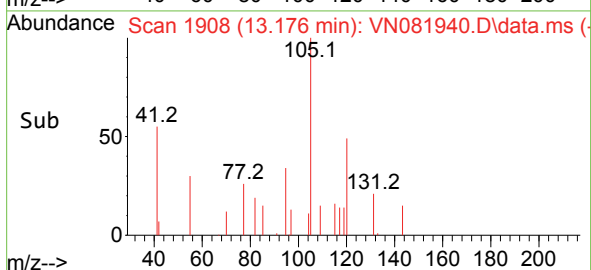
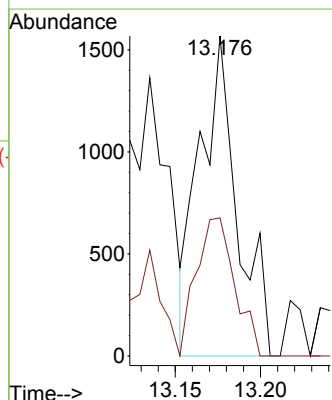
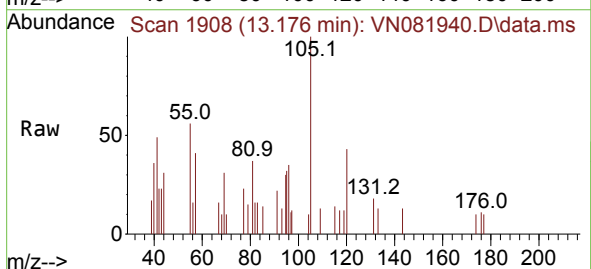
Instrument :
MSVOA_N
ClientSampleId :

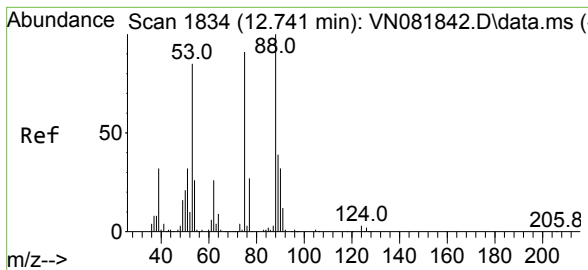
Tgt Ion: 75 Resp: 95853
Ion Ratio Lower Upper
75 100
77 1.9 90.5 271.3#



#80
1,3,5-Trimethylbenzene
Concen: 0.218 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN081940.D
Acq: 30 Apr 2024 18:52

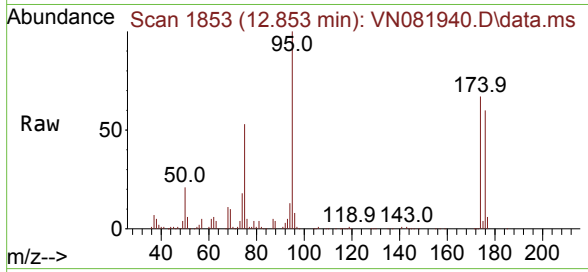
Tgt Ion: 105 Resp: 2406
Ion Ratio Lower Upper
105 100
120 44.2 24.8 74.3



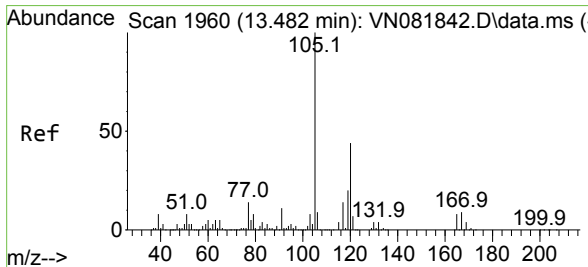
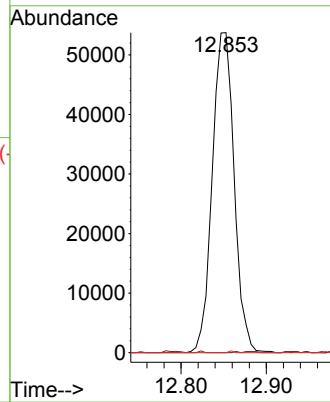
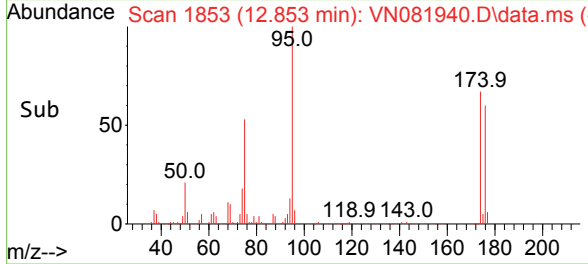


#81
 trans-1,4-Dichloro-2-butene
 Concen: 51.739 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. 0.112 min
 Lab File: VN081940.D
 Acq: 30 Apr 2024 18:52

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 95853
 Ion Ratio Lower Upper
 75 100
 53 0.1 72.9 109.3#
 89 0.1 39.1 58.7#



#84
 1,2,4-Trimethylbenzene
 Concen: 0.660 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. -0.000 min
 Lab File: VN081940.D
 Acq: 30 Apr 2024 18:52

Tgt Ion: 105 Resp: 7256
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.9 68.7

