

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042524\
 Data File : VN081864.D
 Acq On : 25 Apr 2024 20:40
 Operator : JC\MD
 Sample : P2246-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SAW-CUTTING-LIQUID

Quant Time: Apr 26 05:41:54 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	219198	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	405914	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	355241	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	145279	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	169916	45.930	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.860%
35) Dibromofluoromethane	8.171	113	121779	49.829	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.660%
50) Toluene-d8	10.565	98	500796	52.175	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.340%
62) 4-Bromofluorobenzene	12.853	95	182142	48.004	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	96.000%

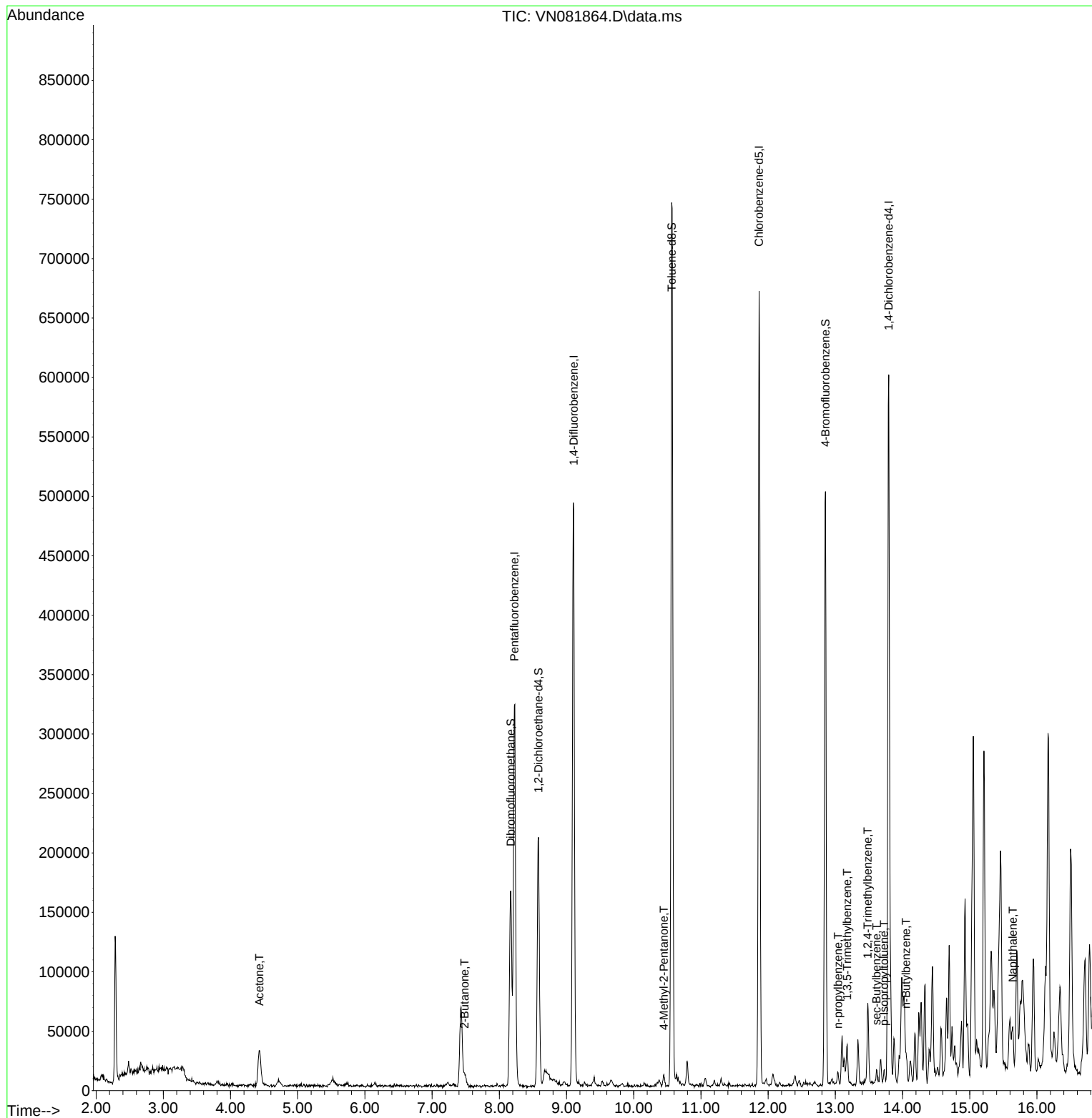
Target Compounds					Qvalue	
16) Acetone	4.430	43	60193	50.663	ug/l #	84
25) 2-Butanone	7.483	43	16769	7.986	ug/l #	78
51) 4-Methyl-2-Pentanone	10.447	43	6928	1.523	ug/l	96
78) n-propylbenzene	13.041	91	9187	0.586	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	15582	1.426	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	37829	3.466	ug/l	96
85) sec-Butylbenzene	13.612	105	6552	0.511	ug/l	87
86) p-Isopropyltoluene	13.723	119	6473	0.629	ug/l	93
89) n-Butylbenzene	14.053	91	10163	1.061	ug/l #	72
95) Naphthalene	15.641	128	24632	2.410	ug/l #	89

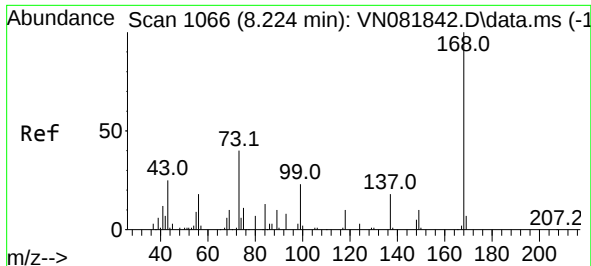
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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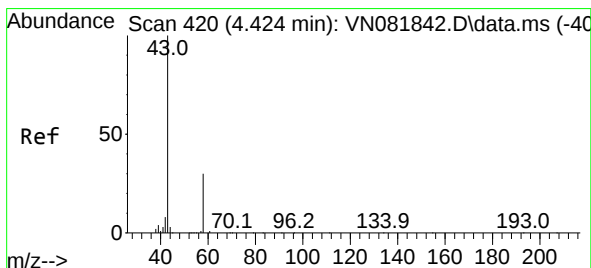
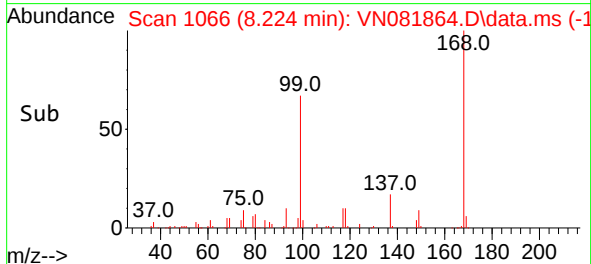
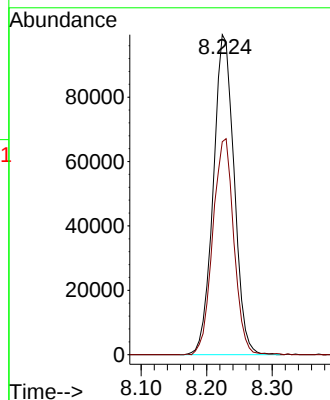
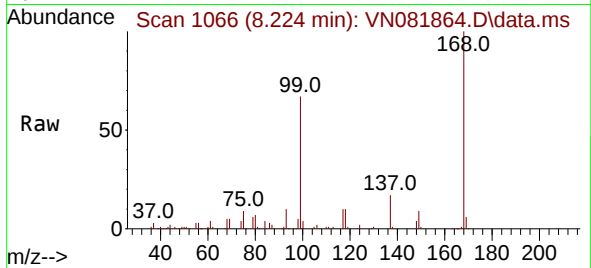




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081864.D
Acq: 25 Apr 2024 20:40

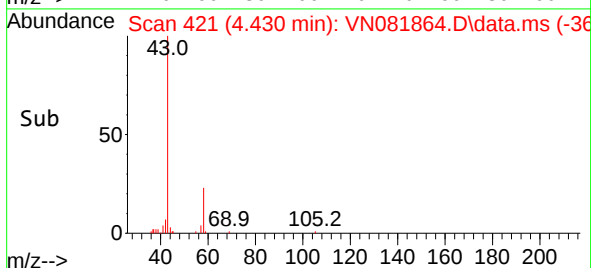
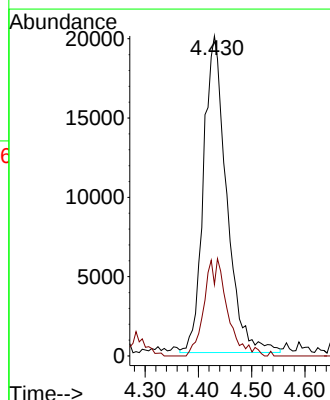
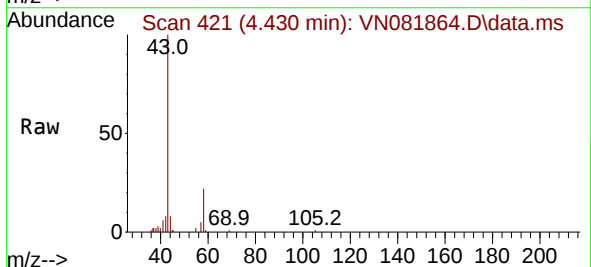
Instrument :
MSVOA_N
ClientSampleId :
SAW-CUTTING-LIQUID

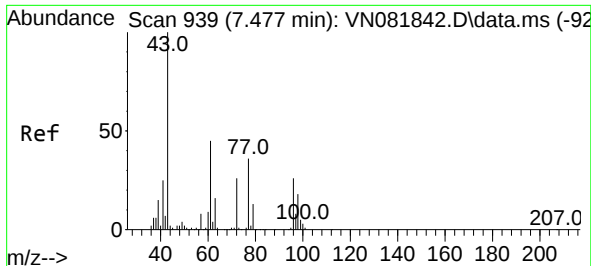
Tgt Ion:168 Resp: 219198
Ion Ratio Lower Upper
168 100
99 66.6 48.2 72.4



#16
Acetone
Concen: 50.663 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN081864.D
Acq: 25 Apr 2024 20:40

Tgt Ion: 43 Resp: 60193
Ion Ratio Lower Upper
43 100
58 22.8 25.2 37.8#

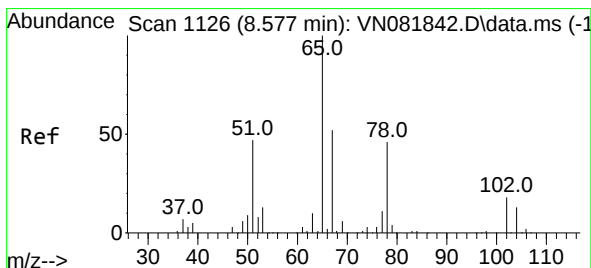
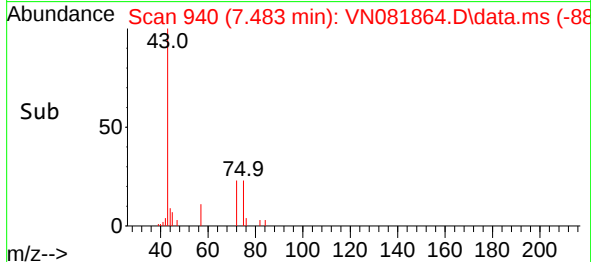
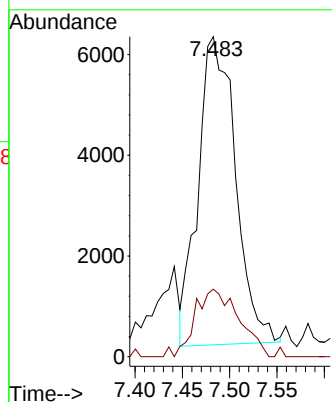
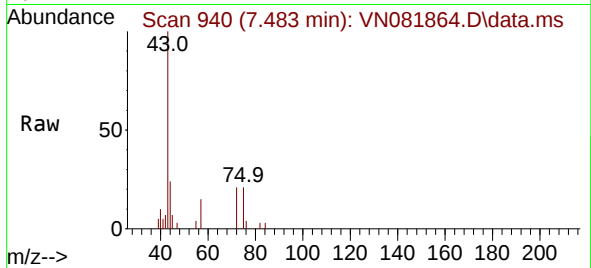




#25
2-Butanone
Concen: 7.986 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN081864.D
Acq: 25 Apr 2024 20:40

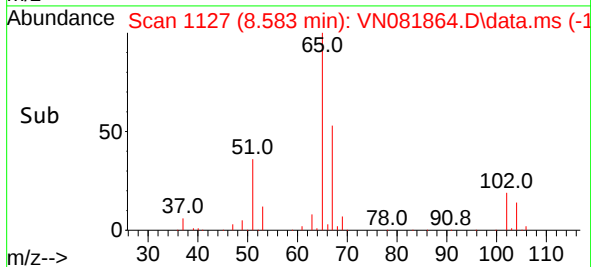
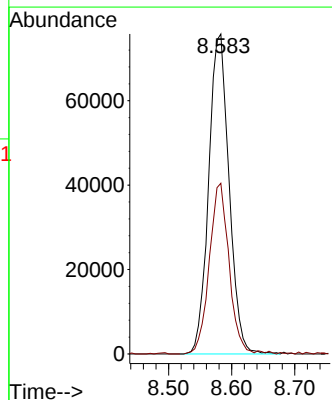
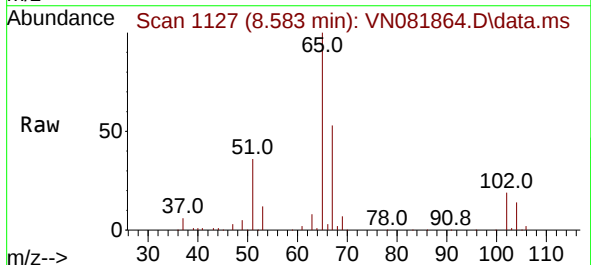
Instrument :
MSVOA_N
ClientSampleId :
SAW-CUTTING-LIQUID

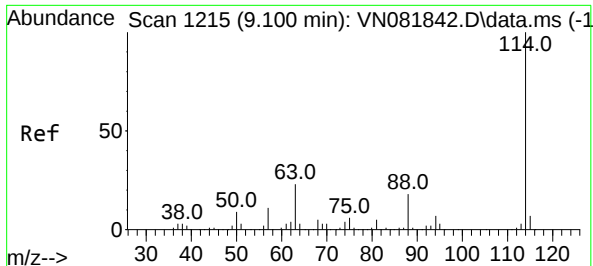
Tgt Ion: 43 Resp: 16769
Ion Ratio Lower Upper
43 100
72 19.3 25.3 37.9#



#33
1,2-Dichloroethane-d4
Concen: 45.930 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081864.D
Acq: 25 Apr 2024 20:40

Tgt Ion: 65 Resp: 169916
Ion Ratio Lower Upper
65 100
67 51.4 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN081864.D

Acq: 25 Apr 2024 20:40

Instrument :

MSVOA_N

ClientSampleId :

SAW-CUTTING-LIQUID

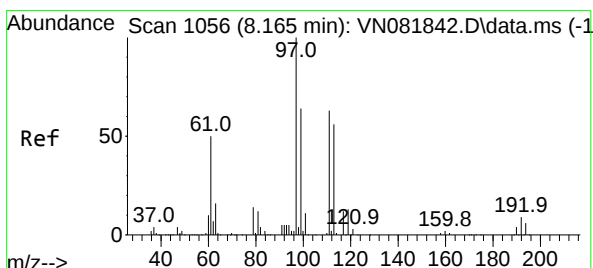
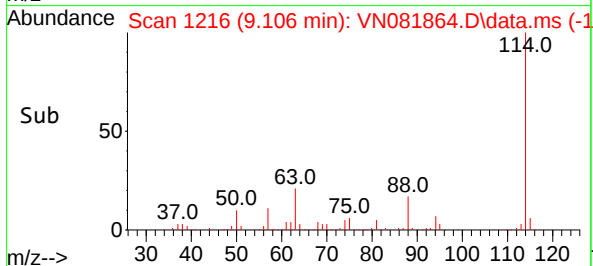
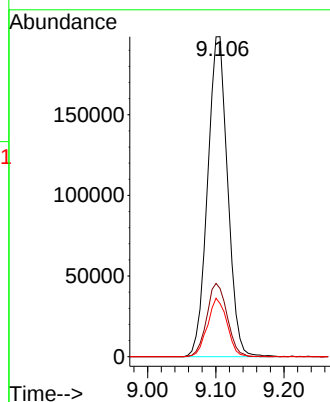
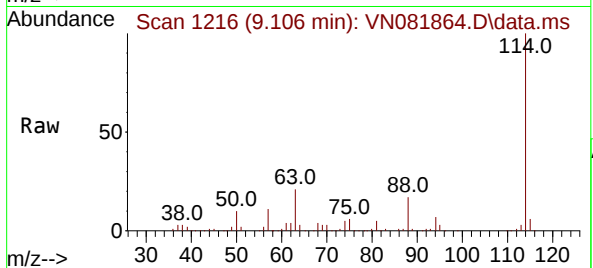
Tgt Ion:114 Resp: 405914

Ion Ratio Lower Upper

114 100

63 21.3 0.0 41.0

88 16.6 0.0 31.4



#35

Dibromofluoromethane

Concen: 49.829 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN081864.D

Acq: 25 Apr 2024 20:40

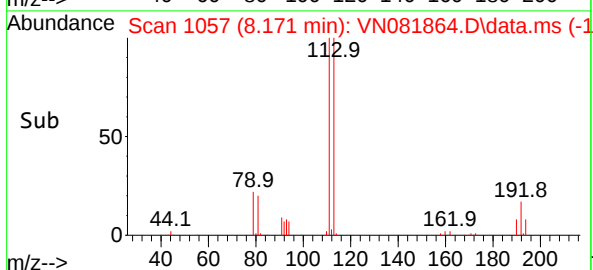
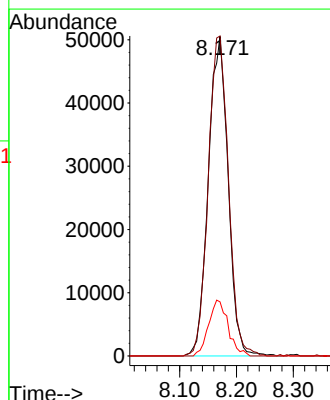
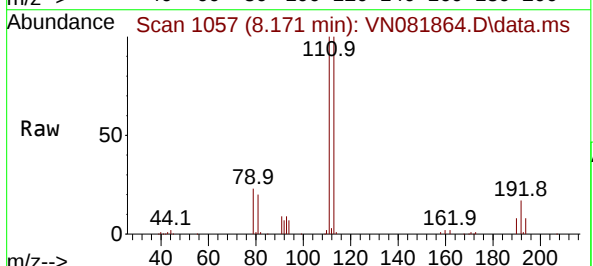
Tgt Ion:113 Resp: 121779

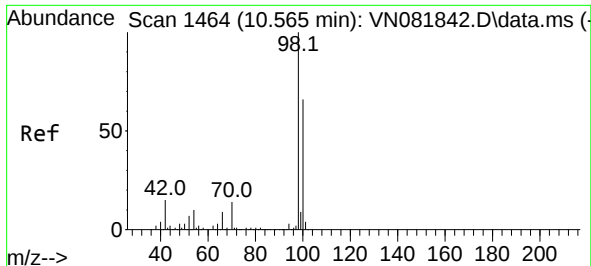
Ion Ratio Lower Upper

113 100

111 102.3 83.4 125.2

192 17.3 14.0 21.0

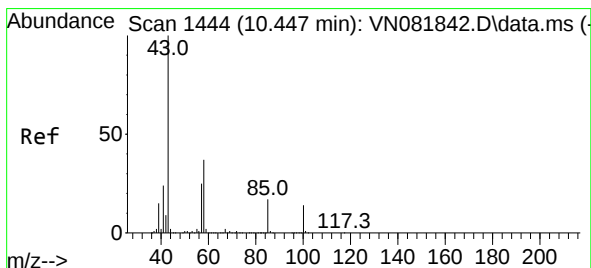
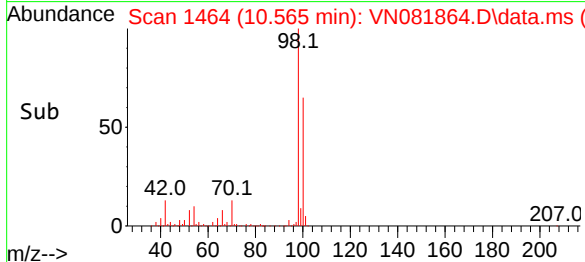
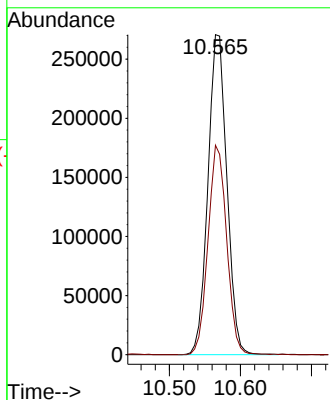
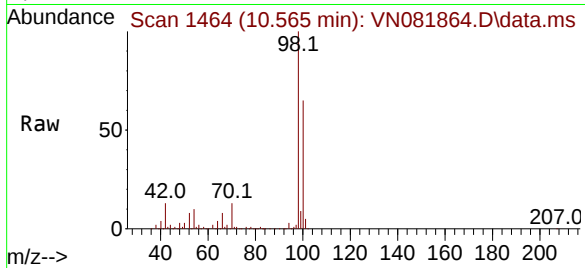




#50
Toluene-d8
Concen: 52.175 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN081864.D
Acq: 25 Apr 2024 20:40

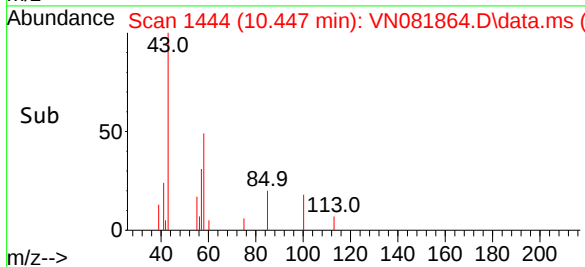
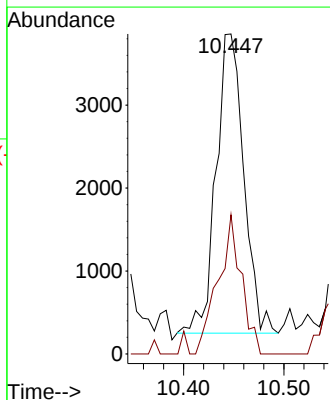
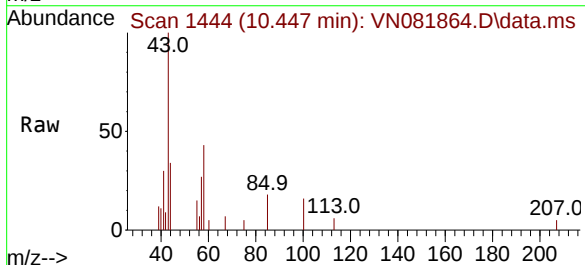
Instrument :
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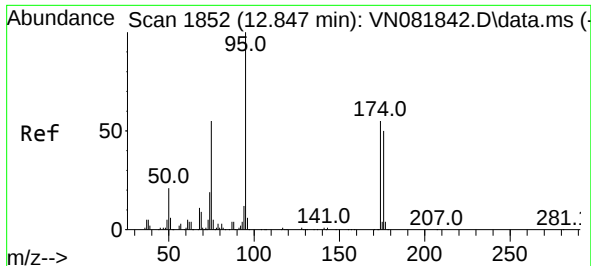
Tgt Ion: 98 Resp: 500796
Ion Ratio Lower Upper
98 100
100 64.5 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 1.523 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN081864.D
Acq: 25 Apr 2024 20:40

Tgt Ion: 43 Resp: 6928
Ion Ratio Lower Upper
43 100
58 39.2 33.2 49.8

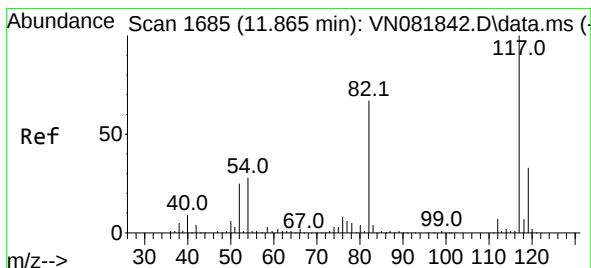
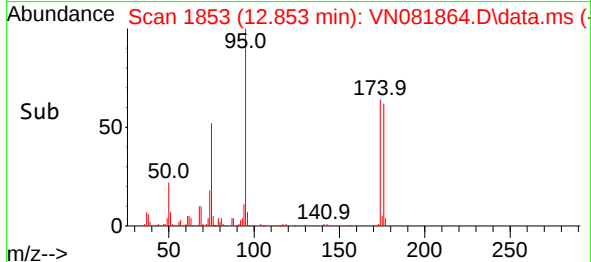
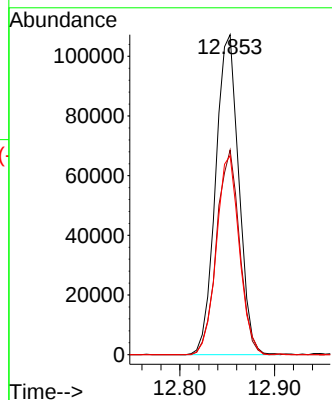
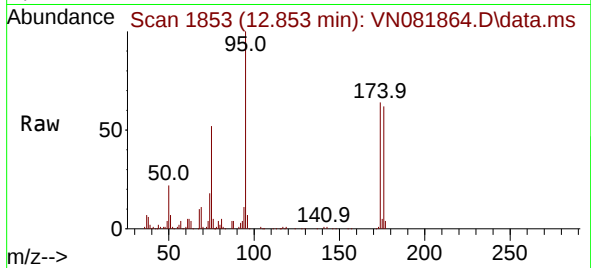




#62
4-Bromofluorobenzene
Concen: 48.004 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081864.D
Acq: 25 Apr 2024 20:40

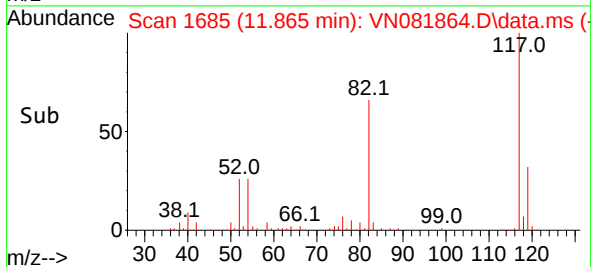
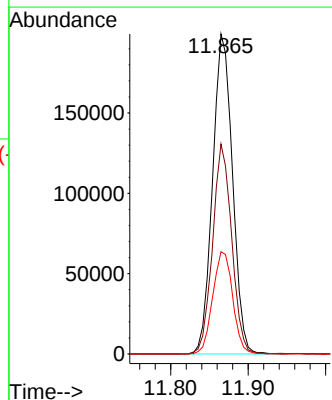
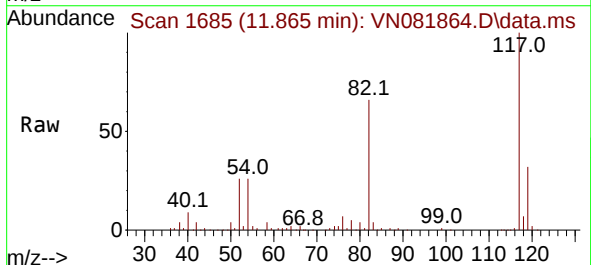
Instrument :
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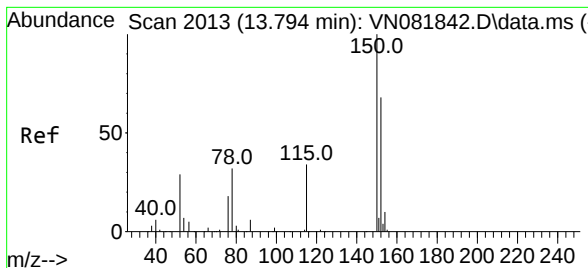
Tgt Ion: 95 Resp: 182142
Ion Ratio Lower Upper
95 100
174 63.2 0.0 160.6
176 61.6 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN081864.D
Acq: 25 Apr 2024 20:40

Tgt Ion: 117 Resp: 355241
Ion Ratio Lower Upper
117 100
82 65.6 44.6 66.8
119 32.0 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: VN081864.D

Acq: 25 Apr 2024 20:40

Instrument :

MSVOA_N

ClientSampleId :

SAW-CUTTING-LIQUID

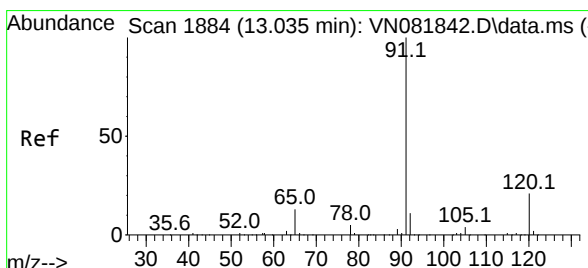
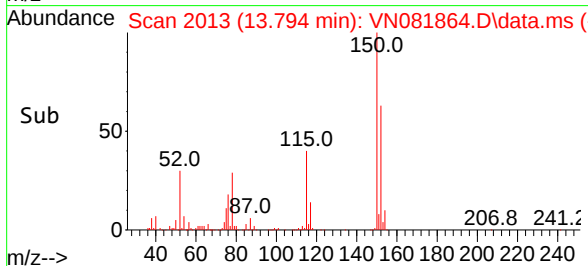
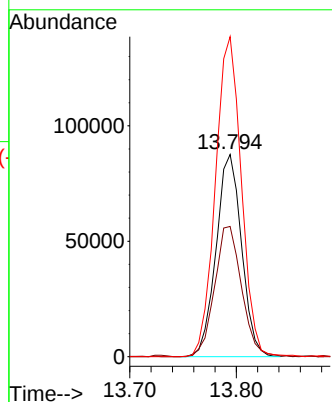
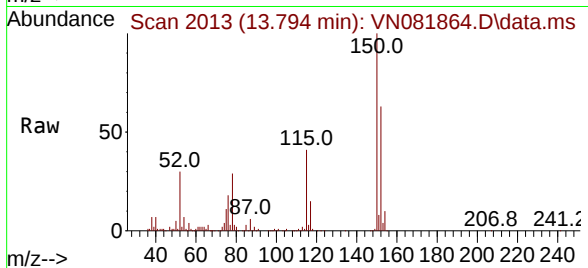
Tgt Ion:152 Resp: 145279

Ion Ratio Lower Upper

152 100

115 68.3 30.4 91.3

150 160.9 0.0 353.2



#78

n-propylbenzene

Concen: 0.586 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.006 min

Lab File: VN081864.D

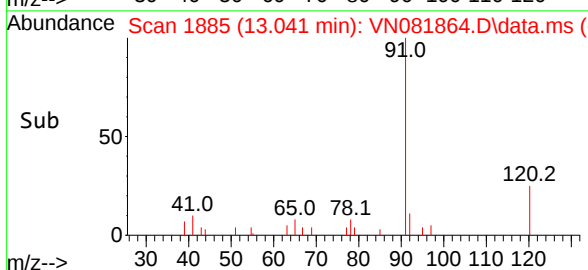
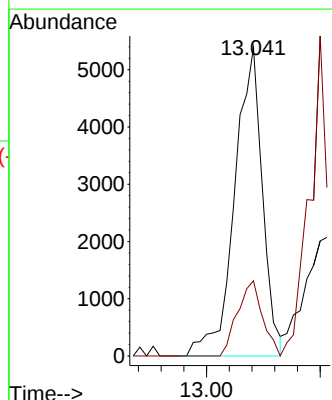
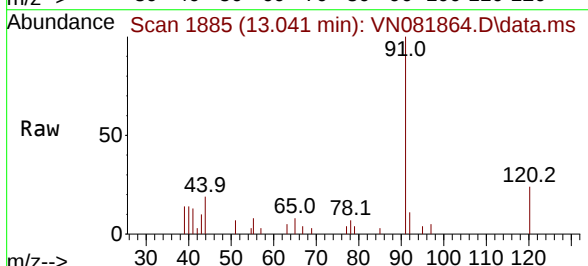
Acq: 25 Apr 2024 20:40

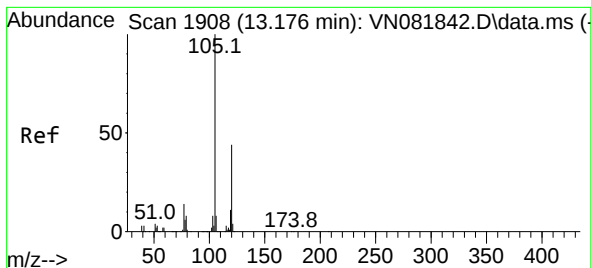
Tgt Ion: 91 Resp: 9187

Ion Ratio Lower Upper

91 100

120 21.8 11.7 35.0





#80

1,3,5-Trimethylbenzene

Concen: 1.426 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN081864.D

Acq: 25 Apr 2024 20:40

Instrument :

MSVOA_N

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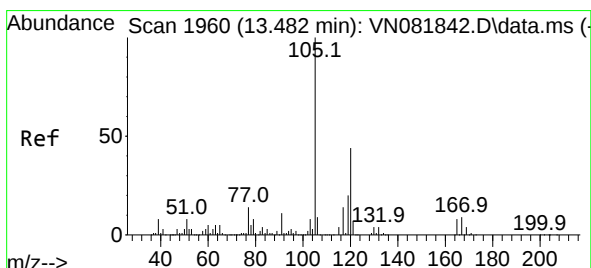
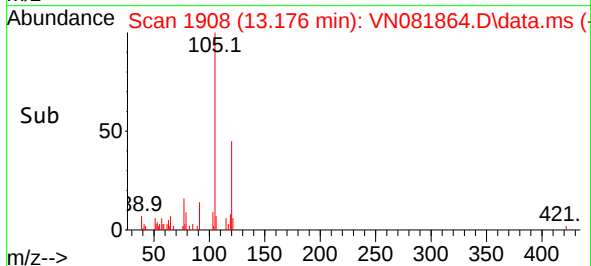
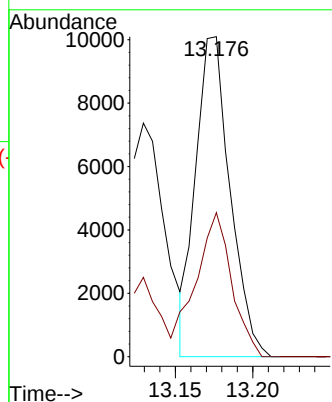
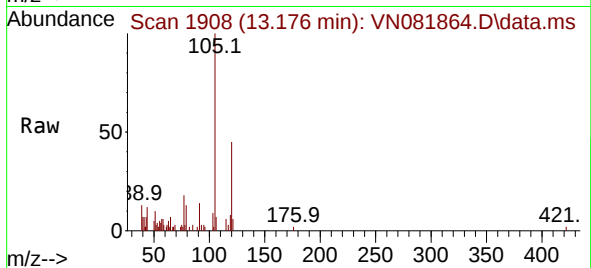
SAW-CUTTING-LIQUID

Tgt Ion:105 Resp: 15582

Ion Ratio Lower Upper

105 100

120 47.0 24.8 74.3



#84

1,2,4-Trimethylbenzene

Concen: 3.466 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN081864.D

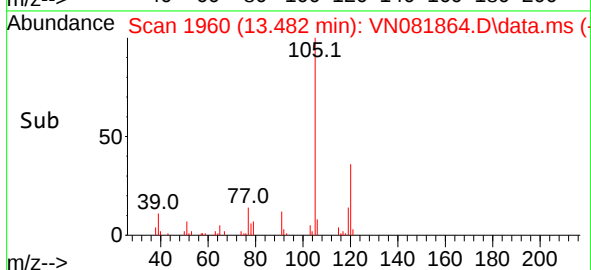
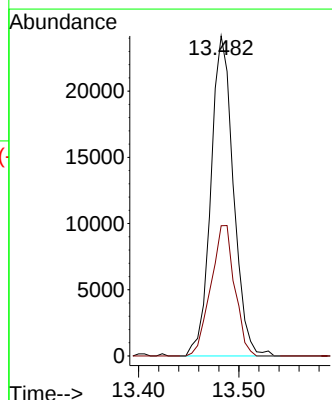
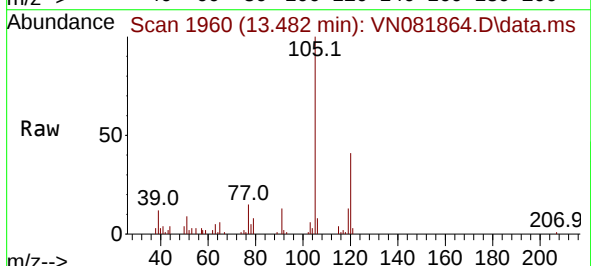
Acq: 25 Apr 2024 20:40

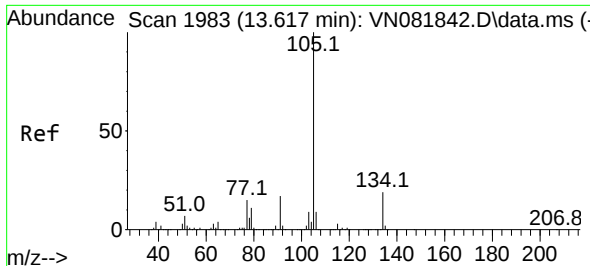
Tgt Ion:105 Resp: 37829

Ion Ratio Lower Upper

105 100

120 43.0 22.9 68.7

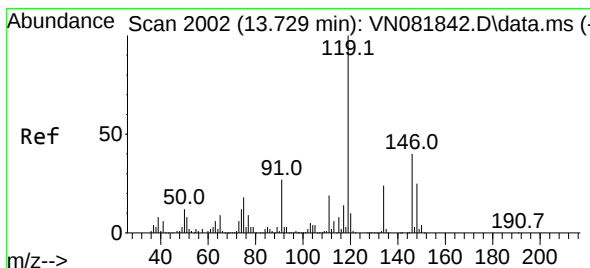
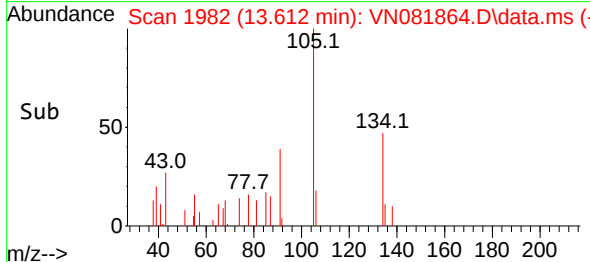
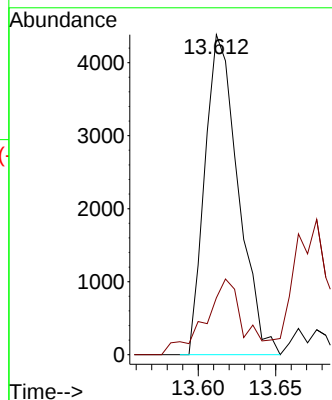
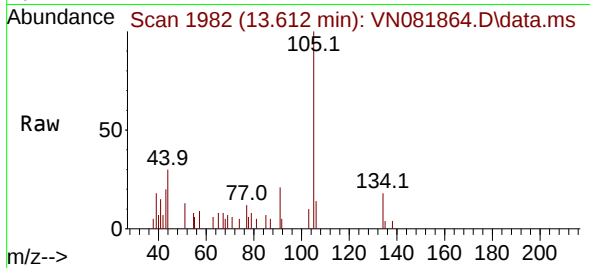




#85
sec-Butylbenzene
Concen: 0.511 ug/l
RT: 13.612 min Scan# 1982
Delta R.T. -0.006 min
Lab File: VN081864.D
Acq: 25 Apr 2024 20:40

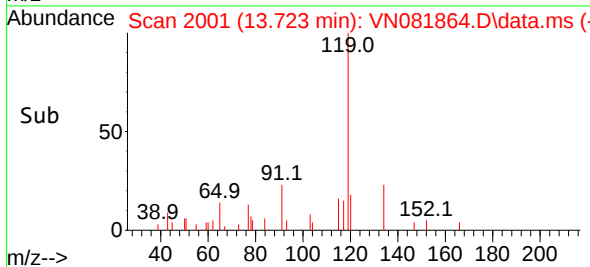
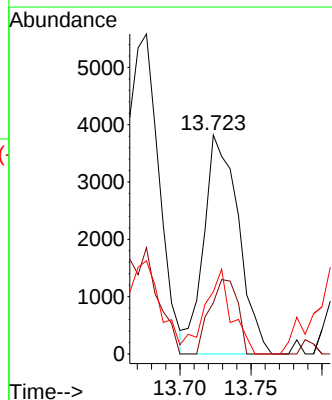
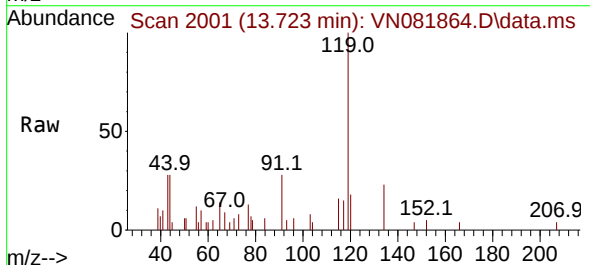
Instrument :
MSVOA_N
ClientSampleId :
SAW-CUTTING-LIQUID

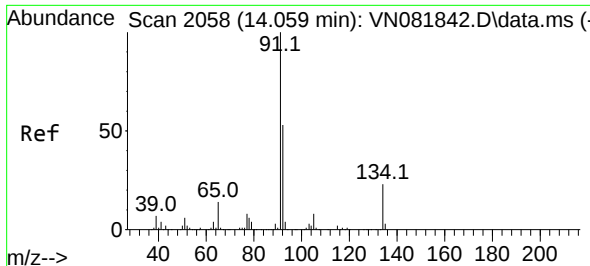
Tgt Ion:105 Resp: 6552
Ion Ratio Lower Upper
105 100
134 26.5 10.2 30.4



#86
p-Isopropyltoluene
Concen: 0.629 ug/l
RT: 13.723 min Scan# 2001
Delta R.T. -0.006 min
Lab File: VN081864.D
Acq: 25 Apr 2024 20:40

Tgt Ion:119 Resp: 6473
Ion Ratio Lower Upper
119 100
134 27.3 13.2 39.5
91 30.0 11.8 35.3

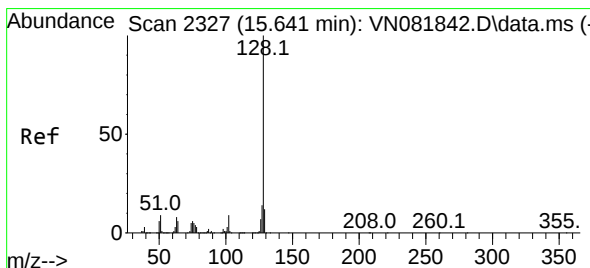
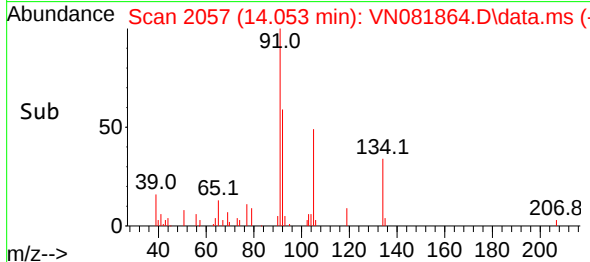
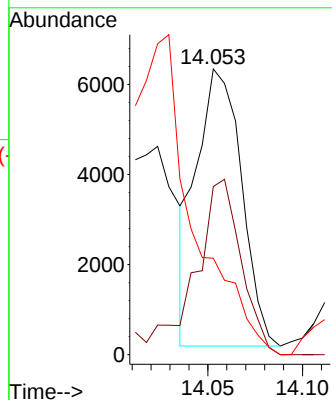
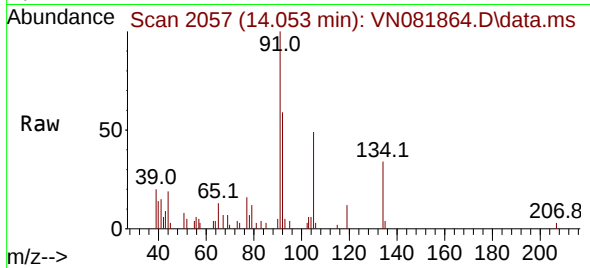




#89
n-Butylbenzene
Concen: 1.061 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.006 min
Lab File: VN081864.D
Acq: 25 Apr 2024 20:40

Instrument :
MSVOA_N
ClientSampleId :
SAW-CUTTING-LIQUID

Tgt Ion: 91 Resp: 10163
Ion Ratio Lower Upper
91 100
92 63.9 26.2 78.5
134 0.0 13.2 39.5#



#95
Naphthalene
Concen: 2.410 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN081864.D
Acq: 25 Apr 2024 20:40

Tgt Ion:128 Resp: 24632
Ion Ratio Lower Upper
128 100
127 16.0 10.1 15.1#
129 15.9 8.9 13.3#

