

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052124\
 Data File : VN082264.D
 Acq On : 22 May 2024 01:33
 Operator : JC\MD
 Sample : P2494-04 40X
 Misc : 5.07g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 4

Quant Time: May 22 04:36:39 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)

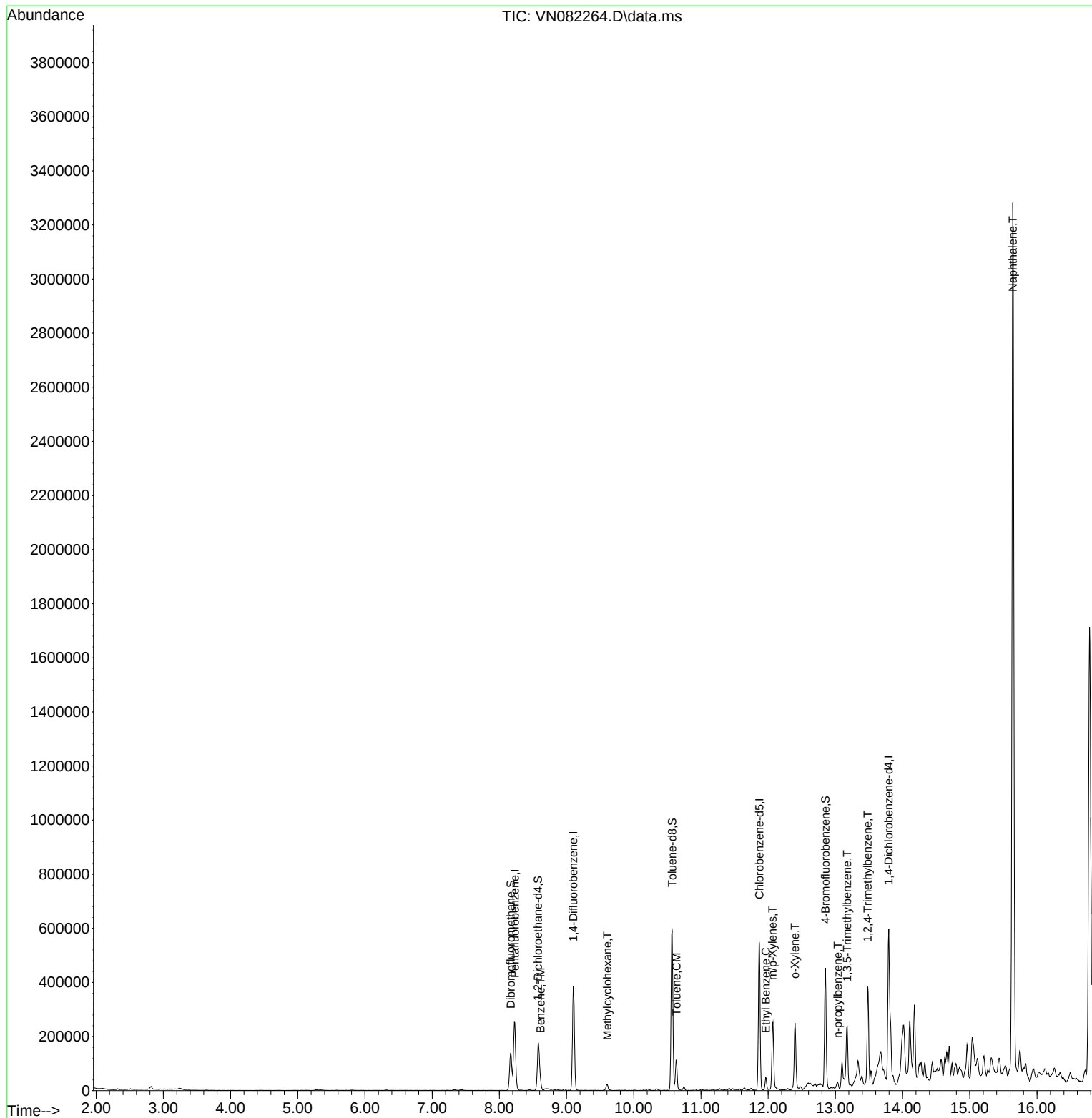
Internal Standards						
1) Pentafluorobenzene	8.229	168	175328	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	307285	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	294114	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	139650	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	138621	50.071	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.140%	
35) Dibromofluoromethane	8.171	113	97201	51.422	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.840%	
50) Toluene-d8	10.570	98	387830	53.515	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 107.020%	
62) 4-Bromofluorobenzene	12.853	95	141248	54.606	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 109.220%	
Target Compounds						
					Qvalue	
39) Methylcyclohexane	9.606	83	8764	2.522	ug/l	96
40) Benzene	8.612	78	25734	2.722	ug/l	100
52) Toluene	10.635	92	45939	8.097	ug/l	98
67) Ethyl Benzene	11.964	91	30890	2.658	ug/l	99
68) m/p-Xylenes	12.064	106	67440	15.831	ug/l	93
69) o-Xylene	12.400	106	59989	14.538	ug/l	92
78) n-propylbenzene	13.035	91	14376	1.094	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	102839	11.464	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	200248	21.818	ug/l	97
95) Naphthalene	15.641	128	2841646	356.778	ug/l	99

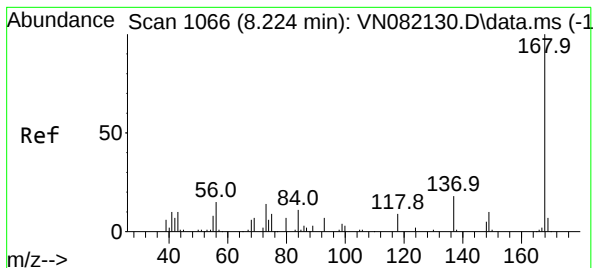
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052124\
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4

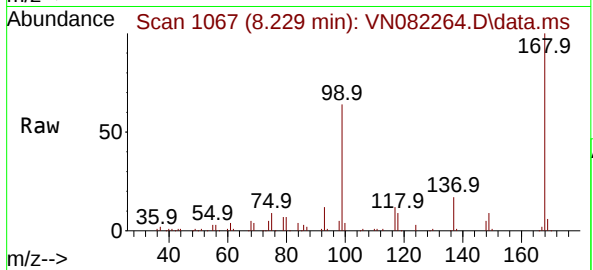
Quant Time: May 22 04:36:39 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
Quant Title : SW846 8260
QLast Update : Thu May 16 05:21:06 2024
Response via : Initial Calibration



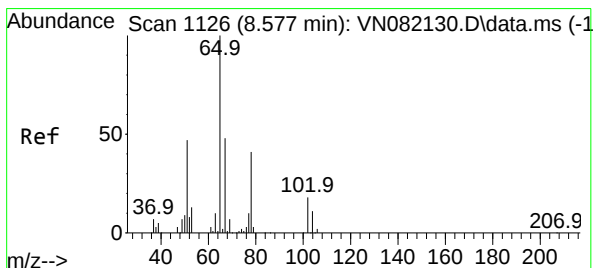
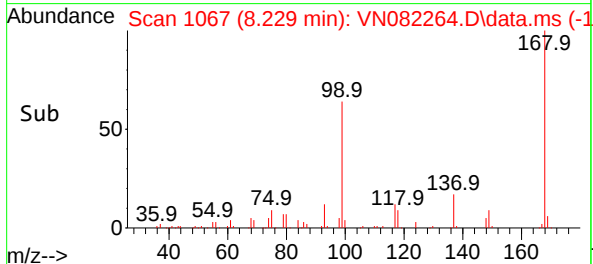
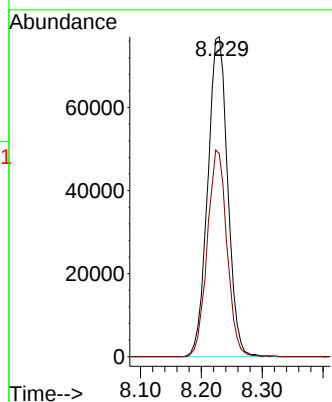


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1066
Delta R.T. 0.005 min
Lab File: VN082264.D
Acq: 22 May 2024 01:33

Instrument :
MSVOA_N
ClientSampleId :
4

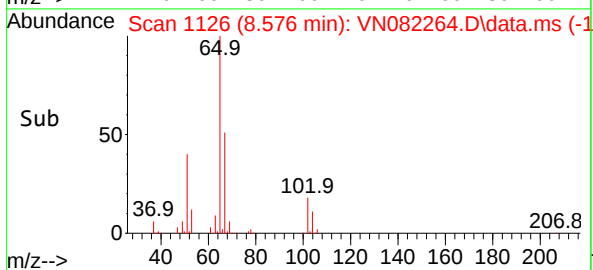
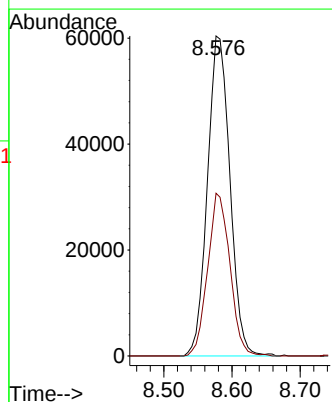
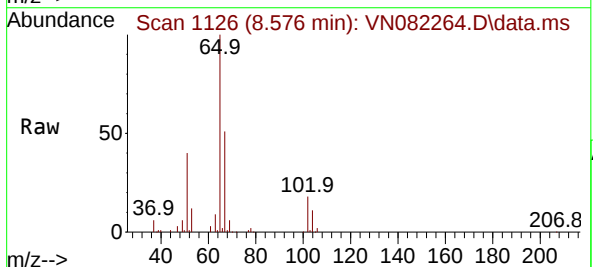


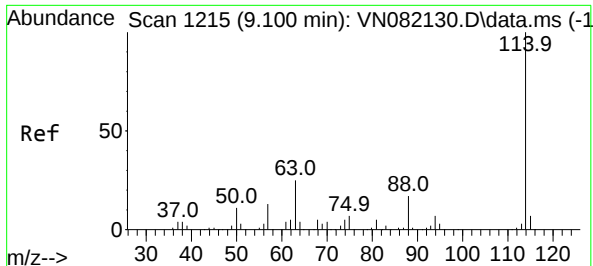
Tgt Ion:168 Resp: 175328
Ion Ratio Lower Upper
168 100
99 63.5 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 50.071 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN082264.D
Acq: 22 May 2024 01:33

Tgt Ion: 65 Resp: 138621
Ion Ratio Lower Upper
65 100
67 50.3 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 114

Delta R.T. -0.000 min

Lab File: VN082264.D

Acq: 22 May 2024 01:33

Instrument :

MSVOA_N

ClientSampleId :

4

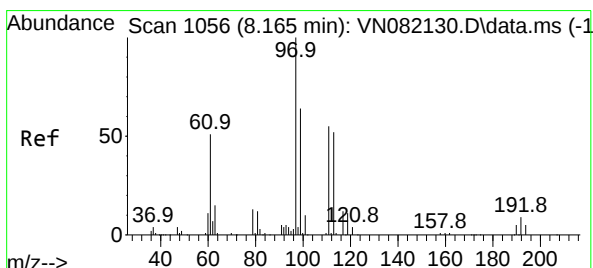
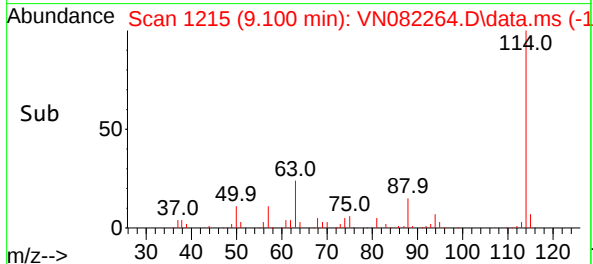
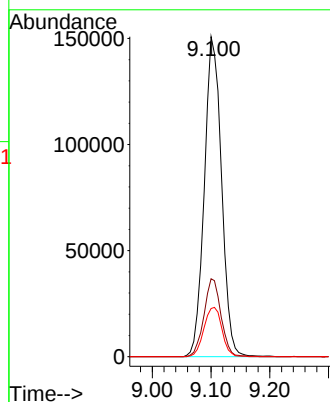
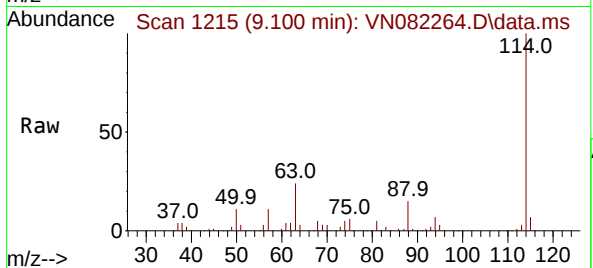
Tgt Ion:114 Resp: 307285

Ion Ratio Lower Upper

114 100

63 24.3 0.0 41.0

88 15.1 0.0 31.4



#35

Dibromofluoromethane

Concen: 51.422 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082264.D

Acq: 22 May 2024 01:33

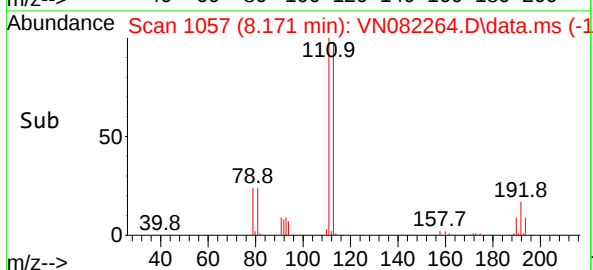
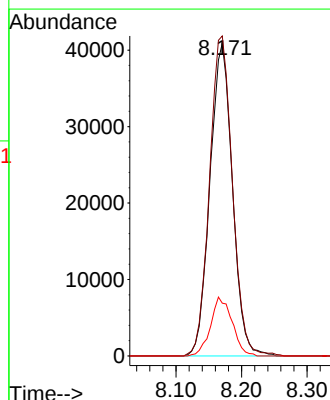
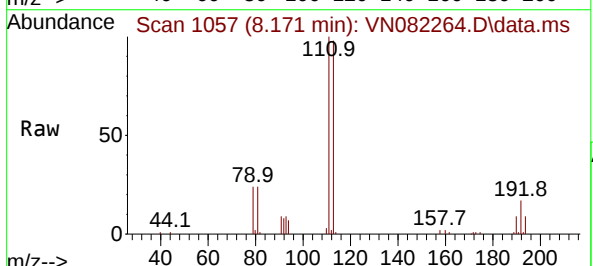
Tgt Ion:113 Resp: 97201

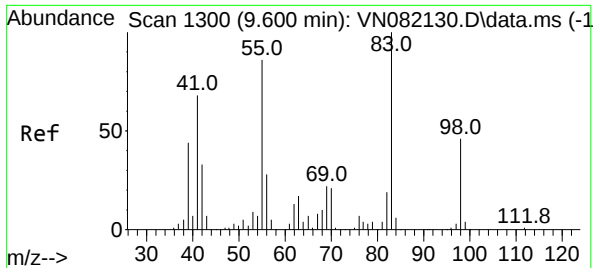
Ion Ratio Lower Upper

113 100

111 104.3 83.4 125.2

192 18.1 14.0 21.0

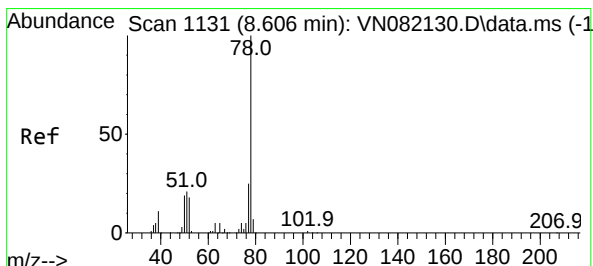
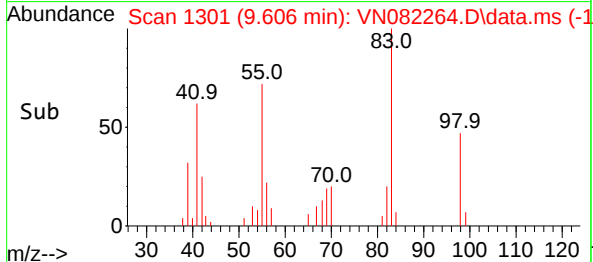
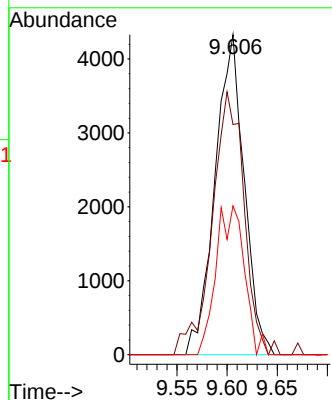
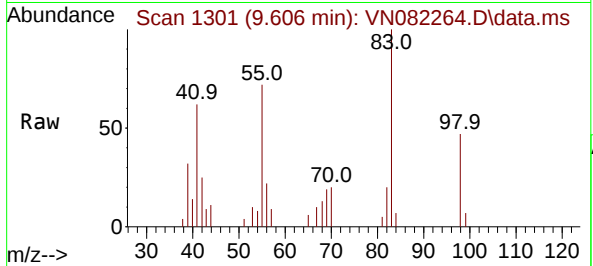




#39
Methylcyclohexane
Concen: 2.522 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VN082264.D
Acq: 22 May 2024 01:33

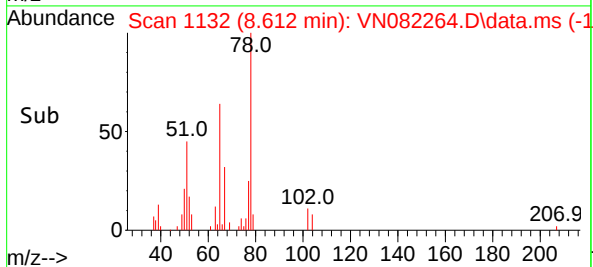
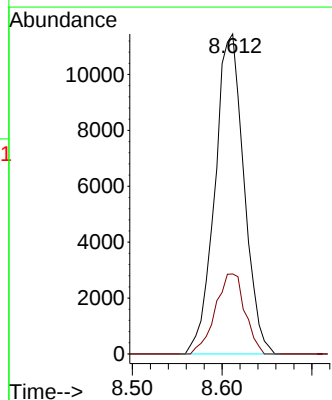
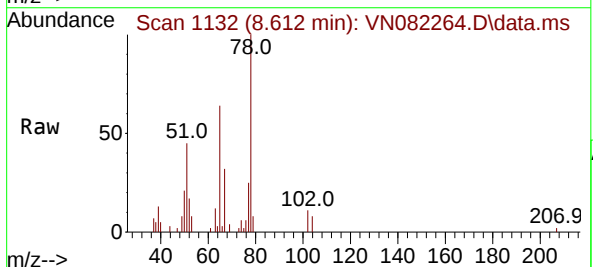
Instrument :
MSVOA_N
ClientSampleId :
4

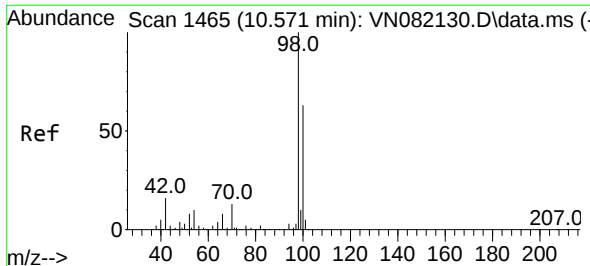
Tgt Ion:	83	Resp:	8764
Ion	Ratio	Lower	Upper
83	100		
55	71.9	53.0	79.6
98	46.5	37.1	55.7



#40
Benzene
Concen: 2.722 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VN082264.D
Acq: 22 May 2024 01:33

Tgt Ion:	78	Resp:	25734
Ion	Ratio	Lower	Upper
78	100		
77	25.0	20.0	30.0

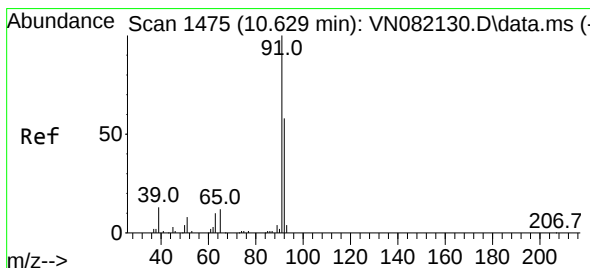
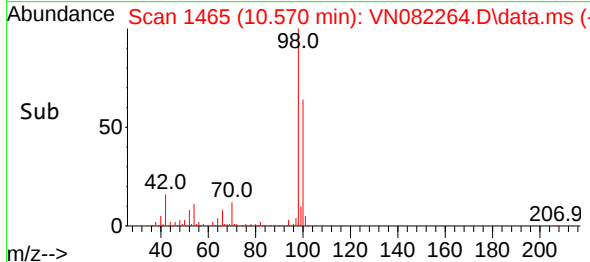
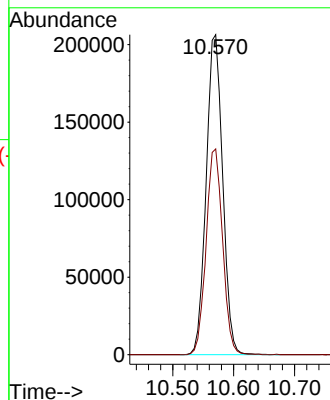
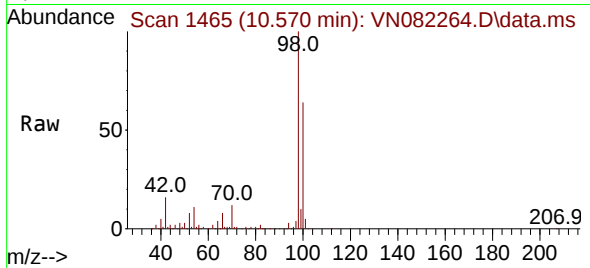




#50
Toluene-d8
Concen: 53.515 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082264.D
Acq: 22 May 2024 01:33

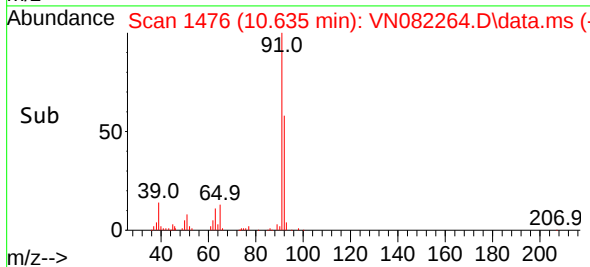
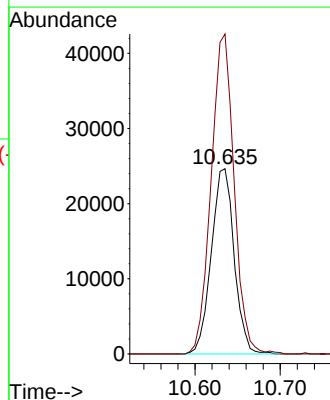
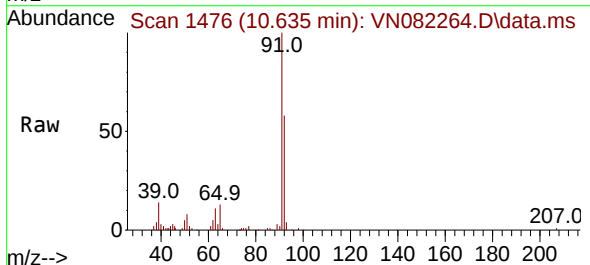
Instrument :
MSVOA_N
ClientSampleId :
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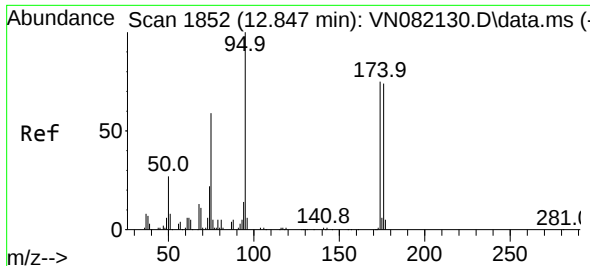
Tgt Ion: 98 Resp: 387830
Ion Ratio Lower Upper
98 100
100 64.4 51.8 77.6



#52
Toluene
Concen: 8.097 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN082264.D
Acq: 22 May 2024 01:33

Tgt Ion: 92 Resp: 45939
Ion Ratio Lower Upper
92 100
91 173.7 136.7 205.1

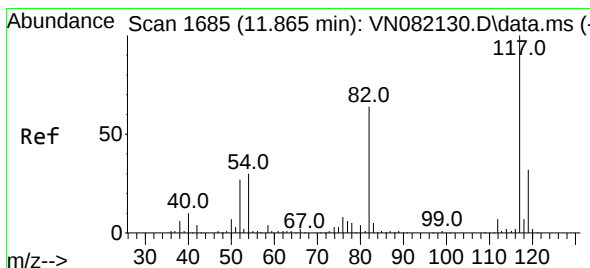
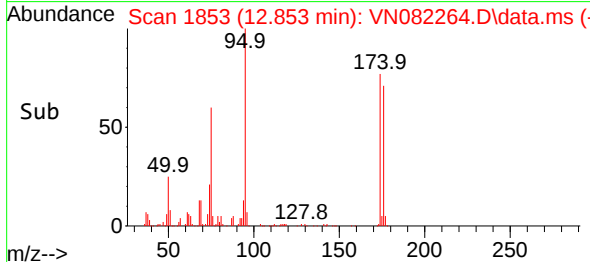
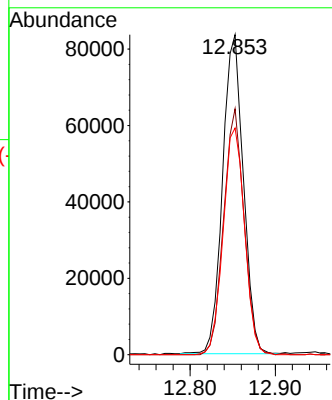
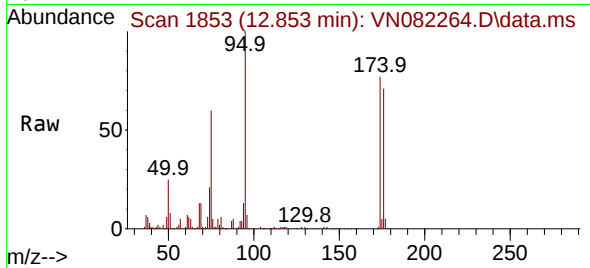




#62
4-Bromofluorobenzene
Concen: 54.606 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082264.D
Acq: 22 May 2024 01:33

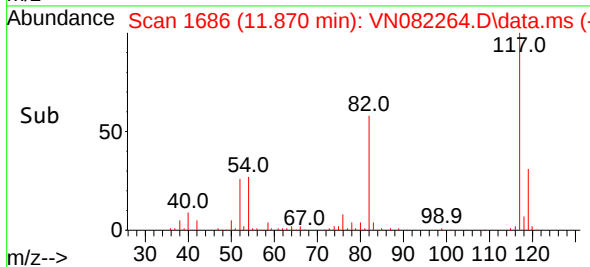
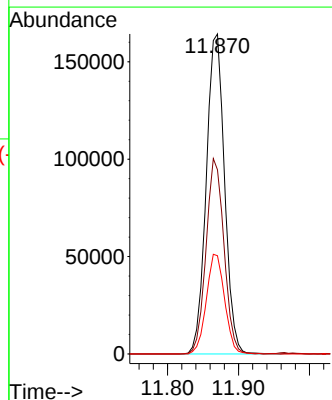
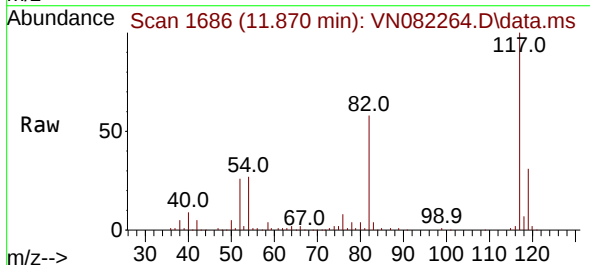
Instrument :
MSVOA_N
ClientSampleId :
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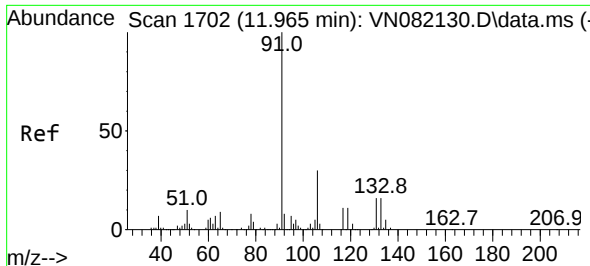
Tgt Ion: 95 Resp: 141248
Ion Ratio Lower Upper
95 100
174 75.9 0.0 160.6
176 73.2 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN082264.D
Acq: 22 May 2024 01:33

Tgt Ion: 117 Resp: 294114
Ion Ratio Lower Upper
117 100
82 57.6 44.6 66.8
119 30.7 25.9 38.9

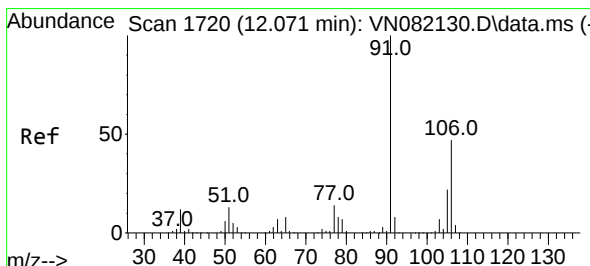
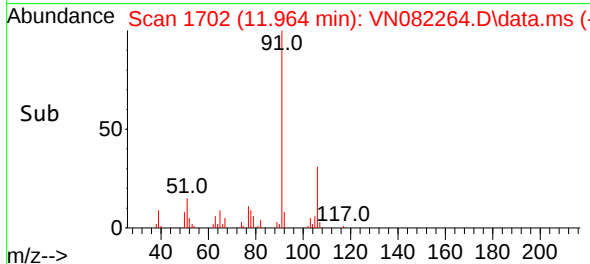
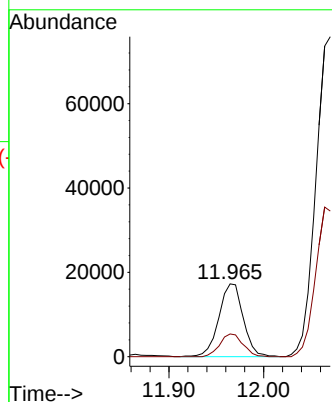
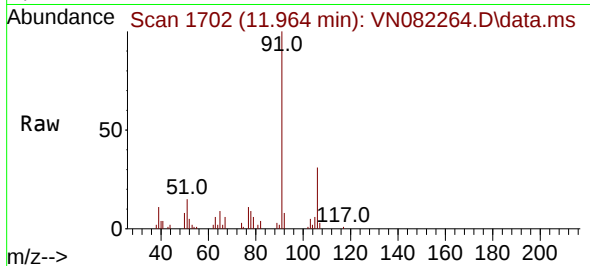




#67
Ethyl Benzene
Concen: 2.658 ug/l
RT: 11.964 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN082264.D
Acq: 22 May 2024 01:33

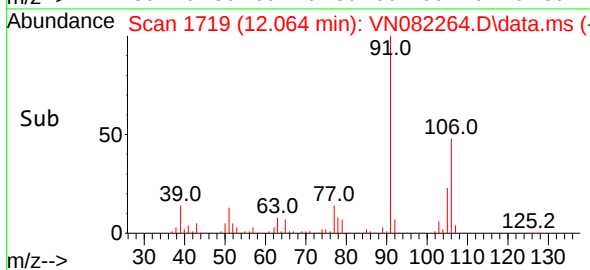
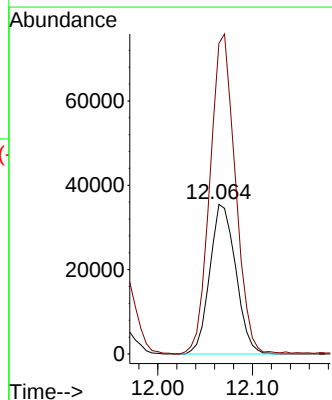
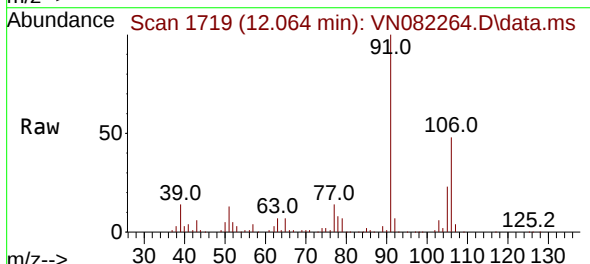
Instrument :
MSVOA_N
ClientSampleId :
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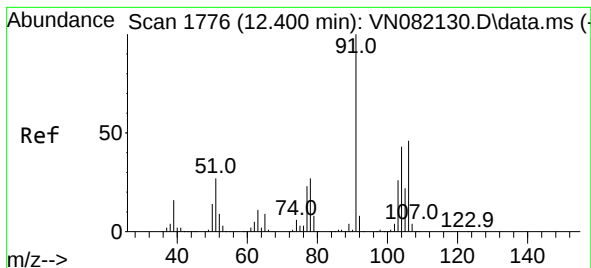
Tgt Ion: 91 Resp: 30890
Ion Ratio Lower Upper
91 100
106 31.2 25.3 37.9



#68
m/p-Xylenes
Concen: 15.831 ug/l
RT: 12.064 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN082264.D
Acq: 22 May 2024 01:33

Tgt Ion: 106 Resp: 67440
Ion Ratio Lower Upper
106 100
91 209.4 159.4 239.0





#69

o-Xylene

Concen: 14.538 ug/l

RT: 12.400 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN082264.D

Acq: 22 May 2024 01:33

Instrument :

MSVOA_N

ClientSampleId :

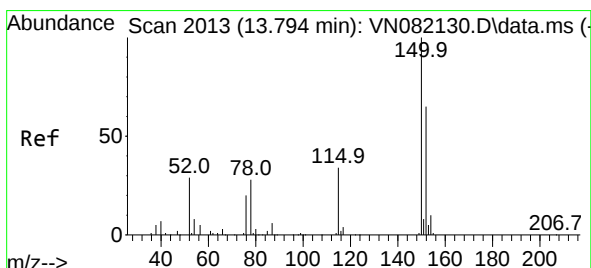
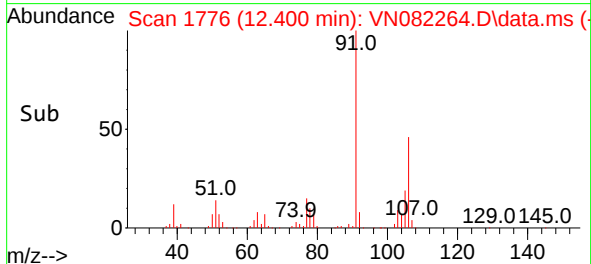
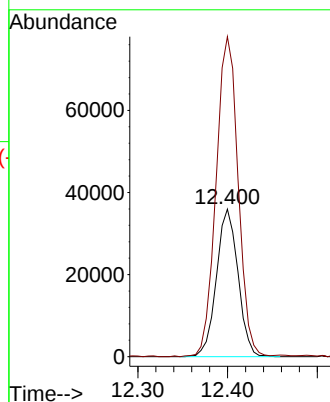
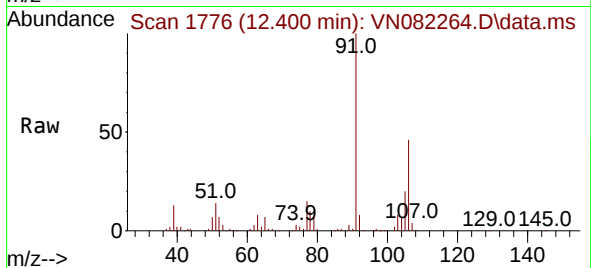
4

Tgt Ion:106 Resp: 59989

Ion Ratio Lower Upper

106 100

91 222.1 104.7 314.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN082264.D

Acq: 22 May 2024 01:33

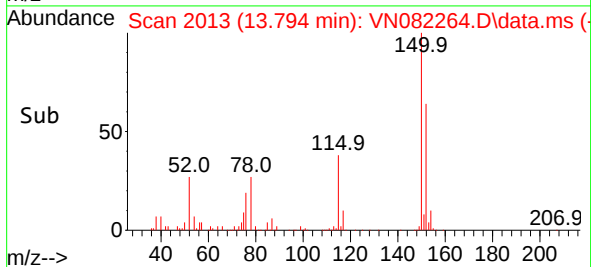
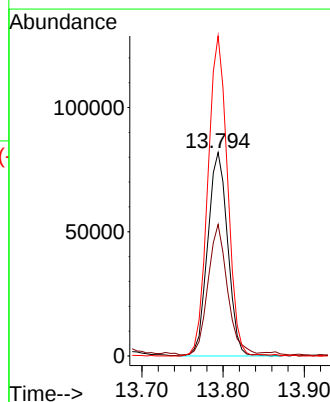
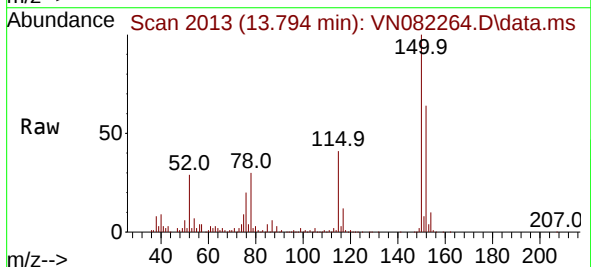
Tgt Ion:152 Resp: 139650

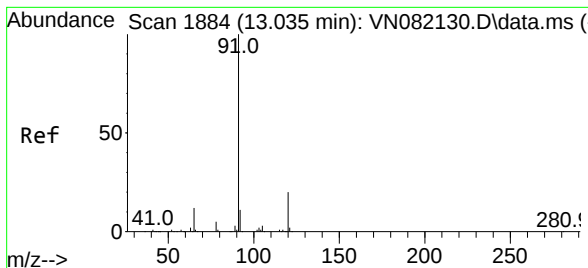
Ion Ratio Lower Upper

152 100

115 62.6 30.4 91.3

150 154.0 0.0 353.2





#78

n-propylbenzene

Concen: 1.094 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VN082264.D

Acq: 22 May 2024 01:33

Instrument :

MSVOA_N

ClientSampleId :

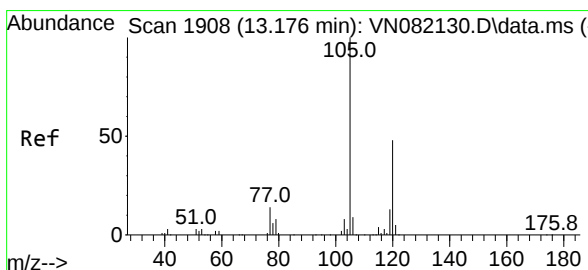
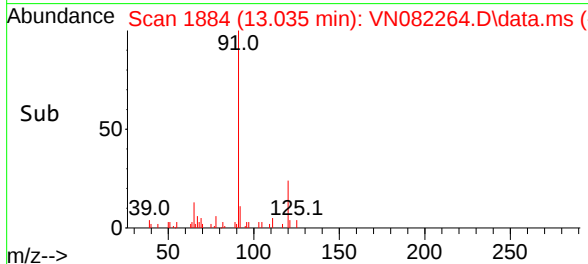
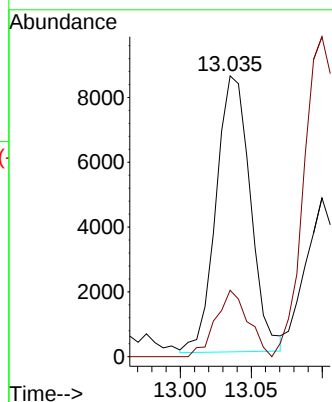
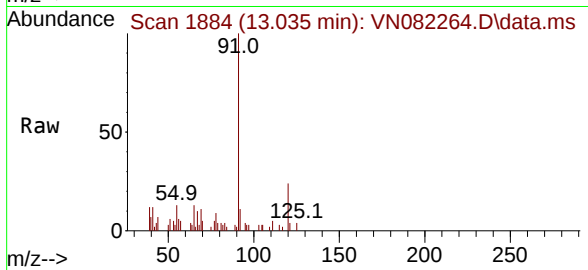
4

Tgt Ion: 91 Resp: 14376

Ion Ratio Lower Upper

91 100

120 22.6 11.7 35.0



#80

1,3,5-Trimethylbenzene

Concen: 11.464 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VN082264.D

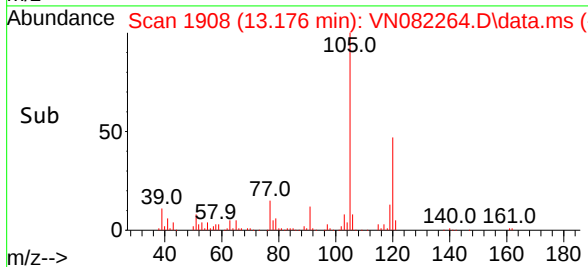
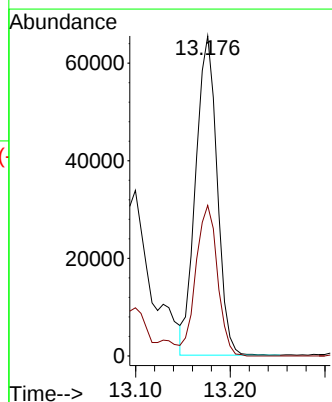
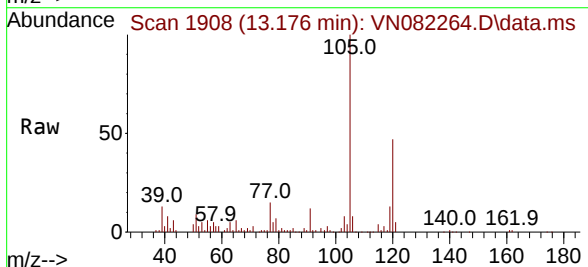
Acq: 22 May 2024 01:33

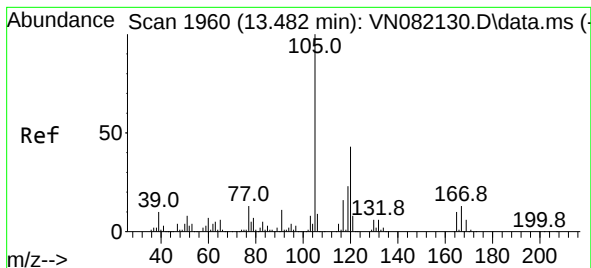
Tgt Ion: 105 Resp: 102839

Ion Ratio Lower Upper

105 100

120 47.7 24.8 74.3





#84

1,2,4-Trimethylbenzene

Concen: 21.818 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN082264.D

Acq: 22 May 2024 01:33

Instrument :

MSVOA_N

ClientSampleId :

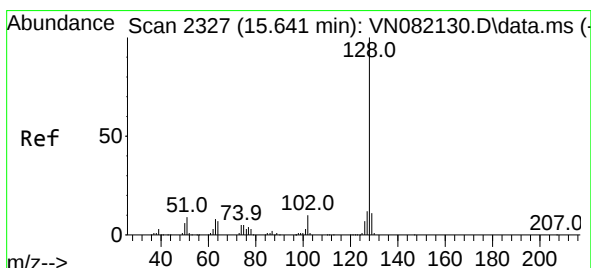
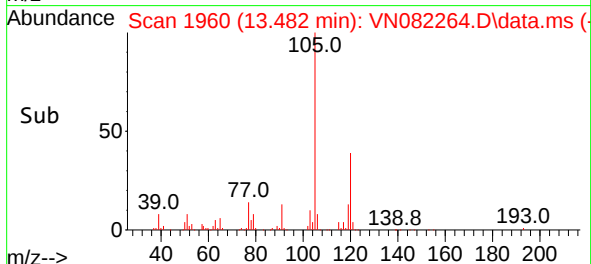
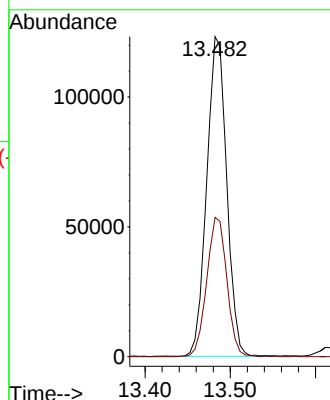
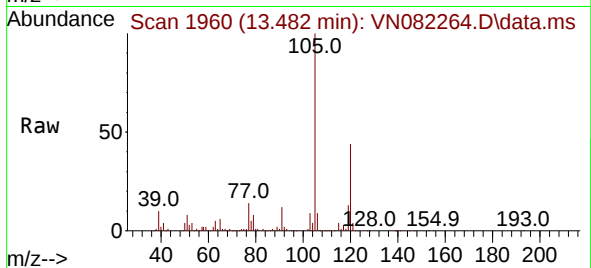
4

Tgt Ion:105 Resp: 200248

Ion Ratio Lower Upper

105 100

120 43.9 22.9 68.7



#95

Naphthalene

Concen: 356.778 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN082264.D

Acq: 22 May 2024 01:33

Tgt Ion:128 Resp: 2841646

Ion Ratio Lower Upper

128 100

127 13.3 10.1 15.1

129 10.8 8.9 13.3

