

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052324\
 Data File : VN082321.D
 Acq On : 23 May 2024 15:06
 Operator : JC\MD
 Sample : P2556-01
 Misc : 5.01g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-1

Quant Time: May 24 04:19:11 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	8.223	168	170157	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	301004	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	282385	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	154232	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	135934	50.593	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 101.180%	
35) Dibromofluoromethane	8.165	113	94994	51.303	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.600%	
50) Toluene-d8	10.570	98	381351	53.719	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 107.440%	
62) 4-Bromofluorobenzene	12.853	95	151148	59.652	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 119.300%	

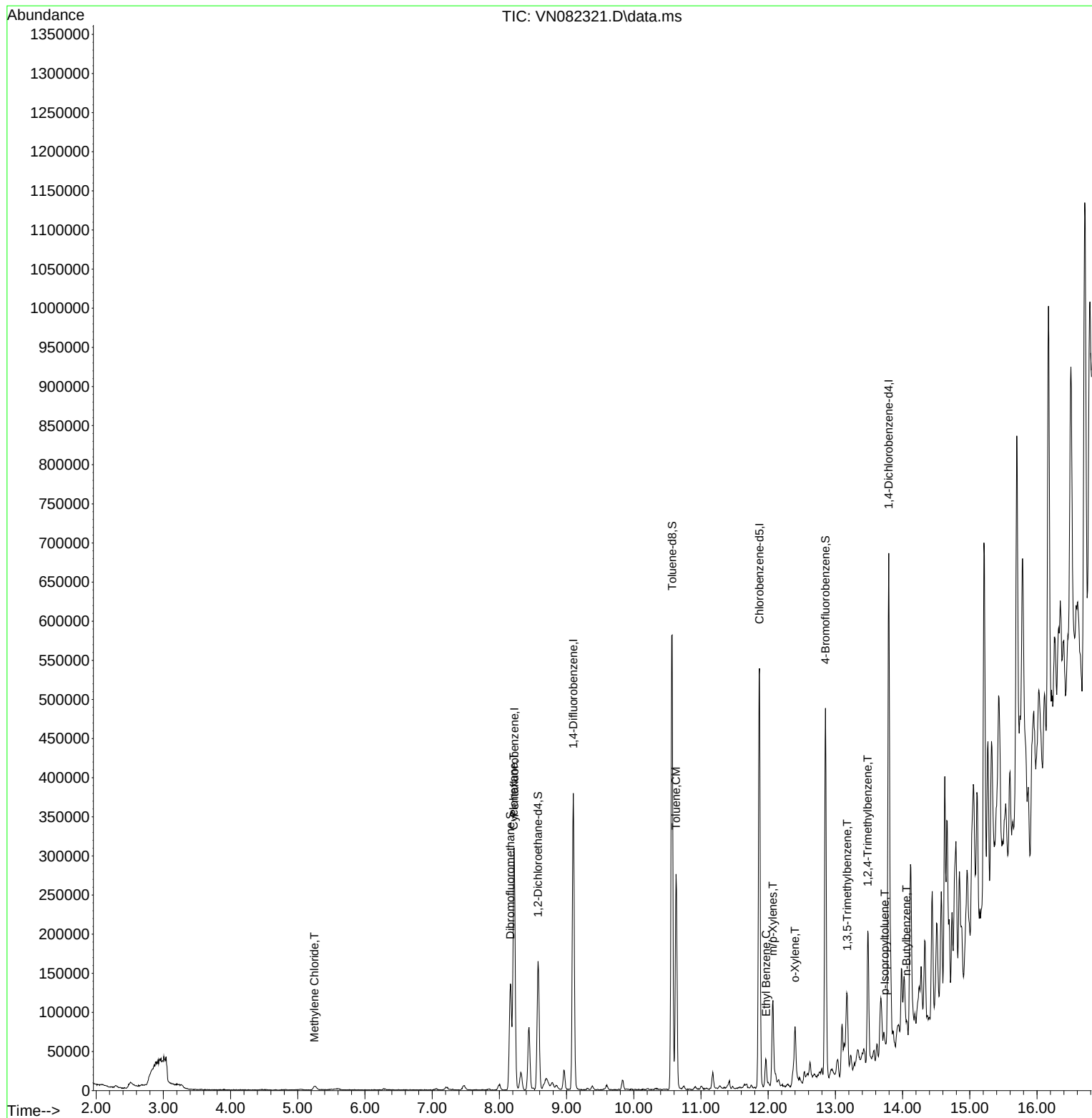
Target Compounds			Qvalue			
20) Methylene Chloride	5.247	84	3661	1.646	ug/l #	73
31) Cyclohexane	8.212	56	16909	3.940	ug/l #	66
52) Toluene	10.629	92	111981	20.150	ug/l	96
67) Ethyl Benzene	11.970	91	25150	2.254	ug/l	94
68) m/p-Xylenes	12.070	106	28590	6.990	ug/l	91
69) o-Xylene	12.400	106	15556	3.926	ug/l	79
80) 1,3,5-Trimethylbenzene	13.176	105	28464	2.873	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	98151	9.683	ug/l	98
86) p-Isopropyltoluene	13.735	119	11180	1.145	ug/l	92
89) n-Butylbenzene	14.058	91	11144	1.270	ug/l #	64

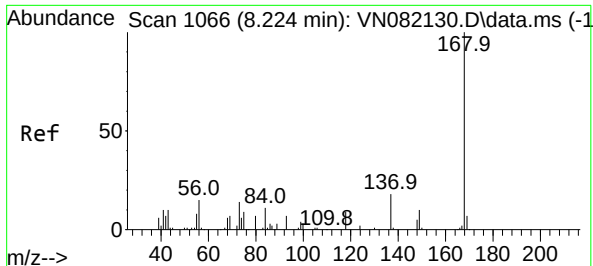
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052324\
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Sample : P2556-01
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Instrument :
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Quant Time: May 24 04:19:11 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

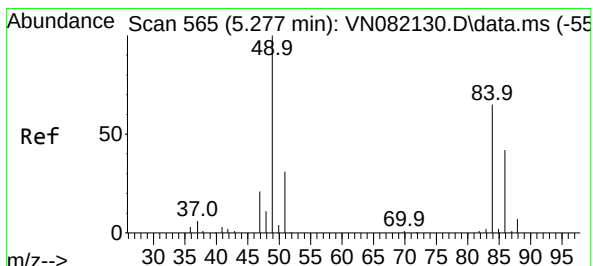
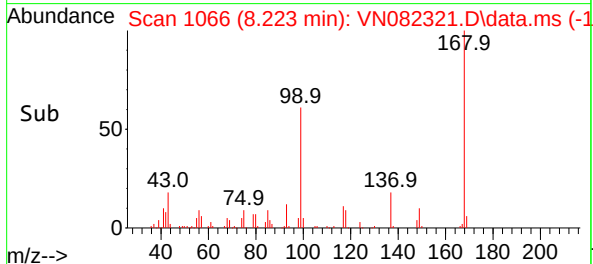
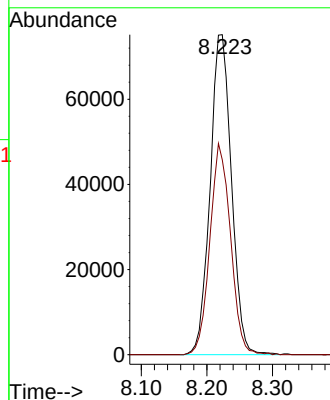
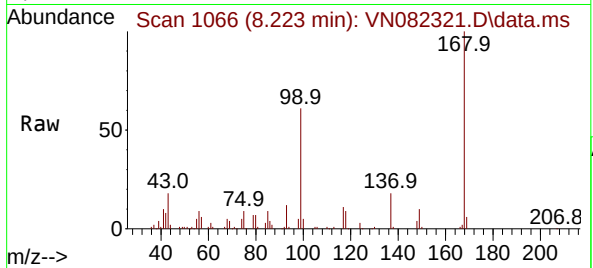




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.223 min Scan# 1066
Delta R.T. -0.001 min
Lab File: VN082321.D
Acq: 23 May 2024 15:06

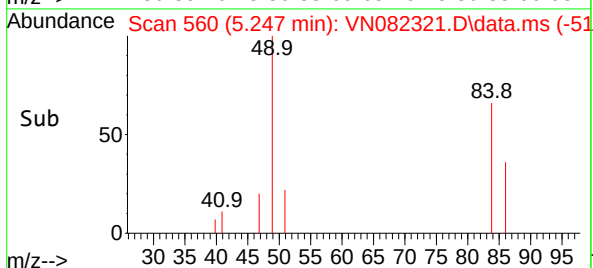
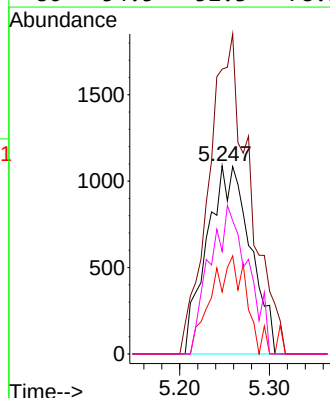
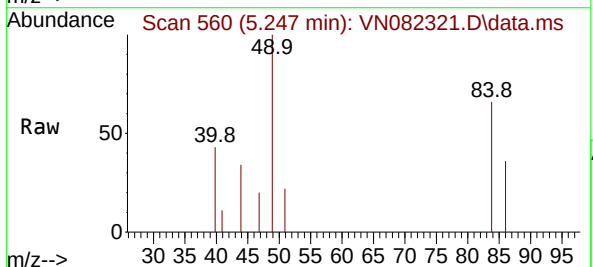
Instrument :
MSVOA_N
ClientSampleId :
COMP-1

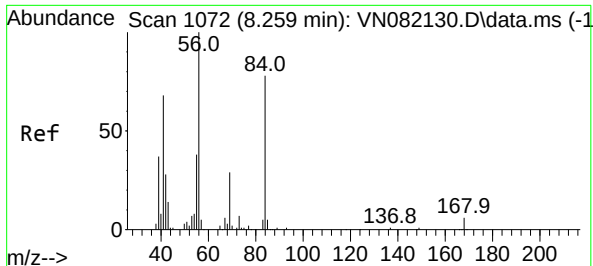
Tgt Ion:168 Resp: 170157
Ion Ratio Lower Upper
168 100
99 60.9 48.2 72.4



#20
Methylene Chloride
Concen: 1.646 ug/l
RT: 5.247 min Scan# 560
Delta R.T. -0.030 min
Lab File: VN082321.D
Acq: 23 May 2024 15:06

Tgt Ion: 84 Resp: 3661
Ion Ratio Lower Upper
84 100
49 151.3 84.9 127.3#
51 33.0 27.0 40.6
86 54.5 52.3 78.5

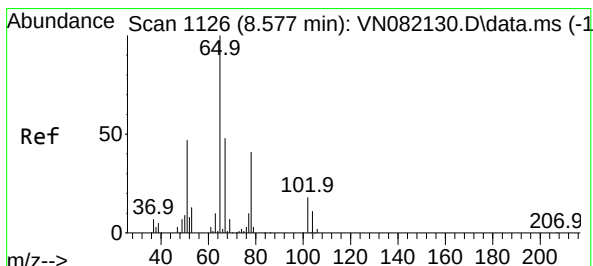
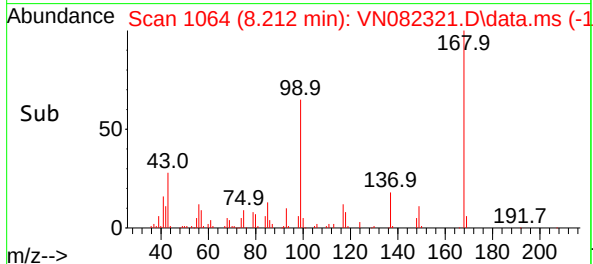
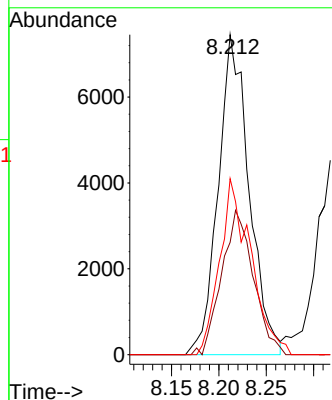
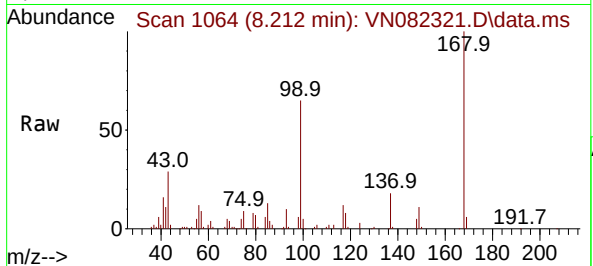




#31
Cyclohexane
Concen: 3.940 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. -0.047 min
Lab File: VN082321.D
Acq: 23 May 2024 15:06

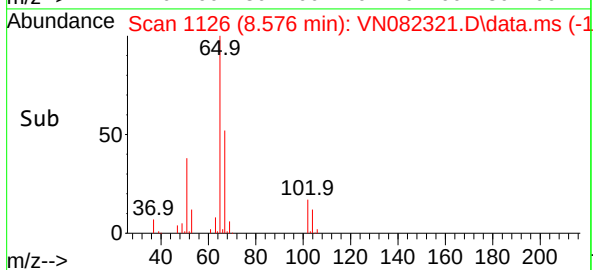
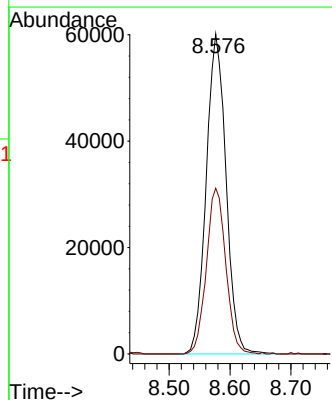
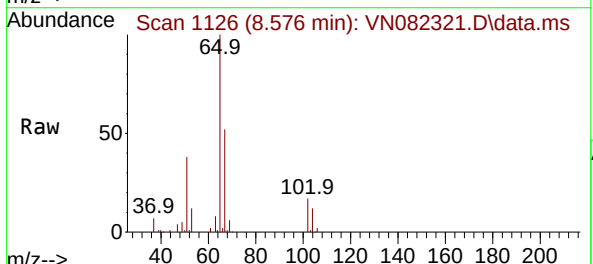
Instrument :
MSVOA_N
ClientSampleId :
COMP-1

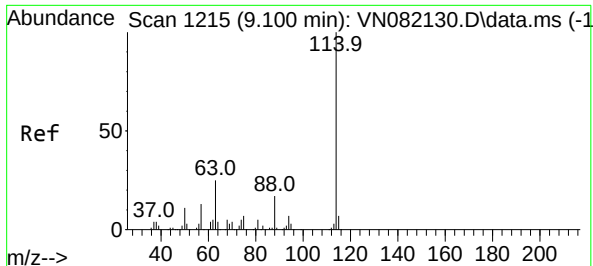
Tgt Ion: 56 Resp: 16909
Ion Ratio Lower Upper
56 100
69 35.1 24.4 36.6
84 55.0 77.0 115.4#



#33
1,2-Dichloroethane-d4
Concen: 50.593 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN082321.D
Acq: 23 May 2024 15:06

Tgt Ion: 65 Resp: 135934
Ion Ratio Lower Upper
65 100
67 50.7 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN082321.D

Acq: 23 May 2024 15:06

Instrument :

MSVOA_N

ClientSampleId :

COMP-1

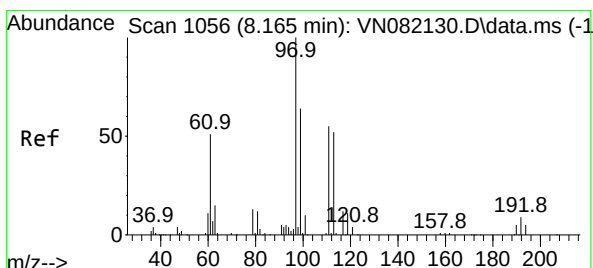
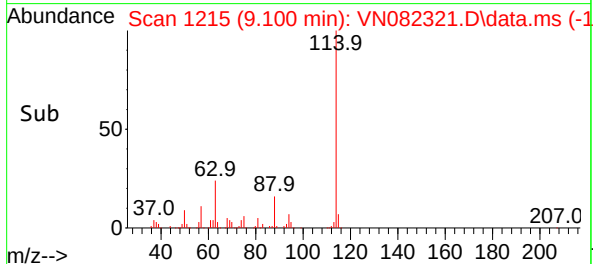
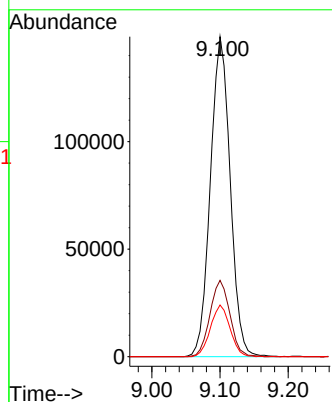
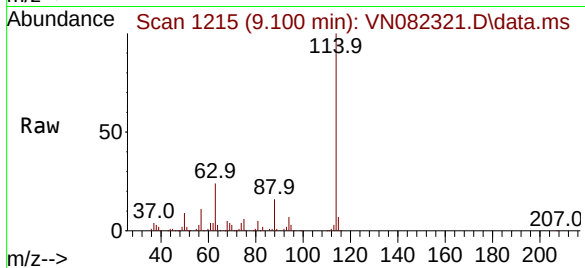
Tgt Ion:114 Resp: 301004

Ion Ratio Lower Upper

114 100

63 23.8 0.0 41.0

88 16.2 0.0 31.4



#35

Dibromofluoromethane

Concen: 51.303 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN082321.D

Acq: 23 May 2024 15:06

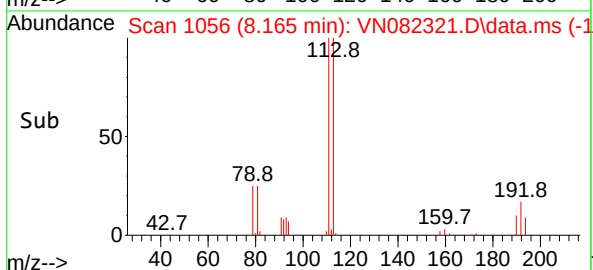
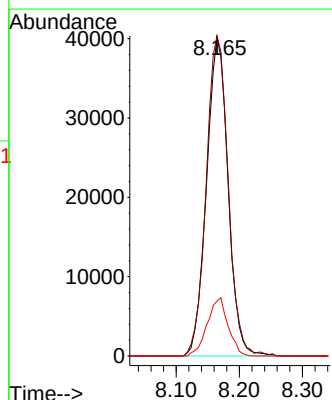
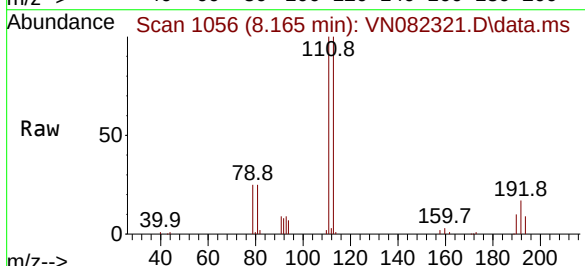
Tgt Ion:113 Resp: 94994

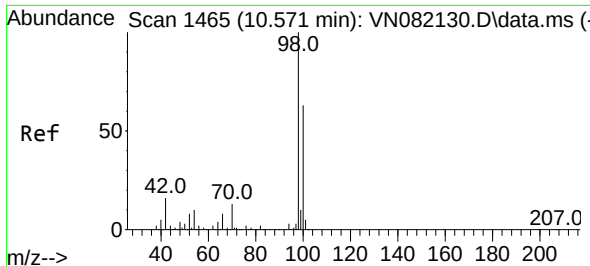
Ion Ratio Lower Upper

113 100

111 102.9 83.4 125.2

192 17.7 14.0 21.0

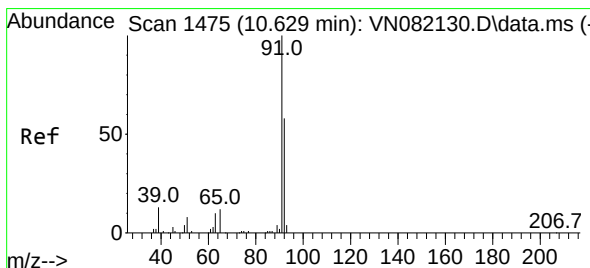
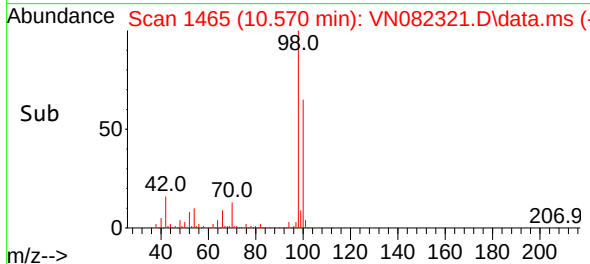
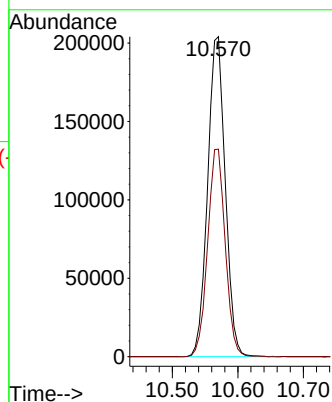
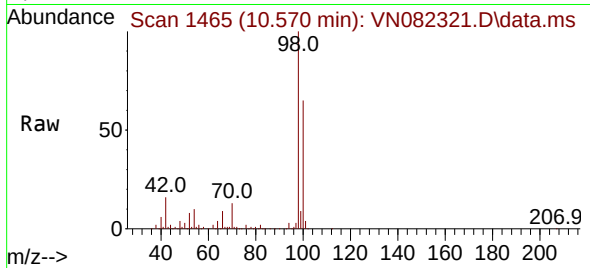




#50
Toluene-d8
Concen: 53.719 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082321.D
Acq: 23 May 2024 15:06

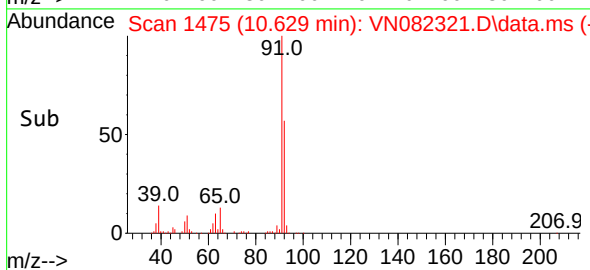
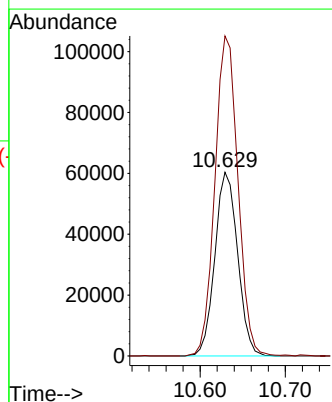
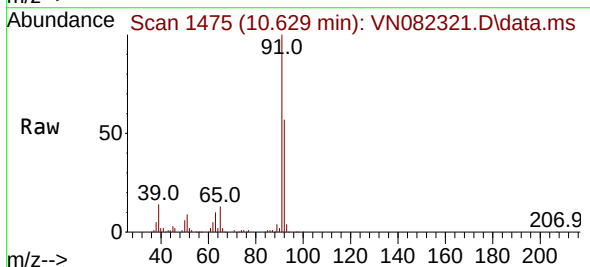
Instrument :
MSVOA_N
ClientSampleId :
COMP-1

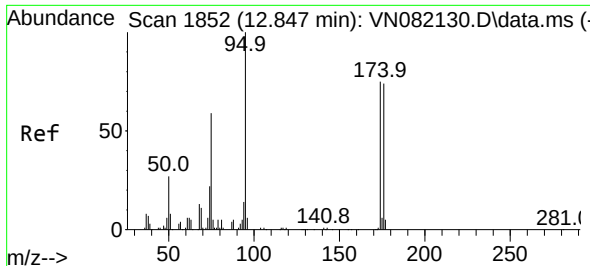
Tgt Ion: 98 Resp: 381351
Ion Ratio Lower Upper
98 100
100 64.8 51.8 77.6



#52
Toluene
Concen: 20.150 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN082321.D
Acq: 23 May 2024 15:06

Tgt Ion: 92 Resp: 111981
Ion Ratio Lower Upper
92 100
91 176.2 136.7 205.1

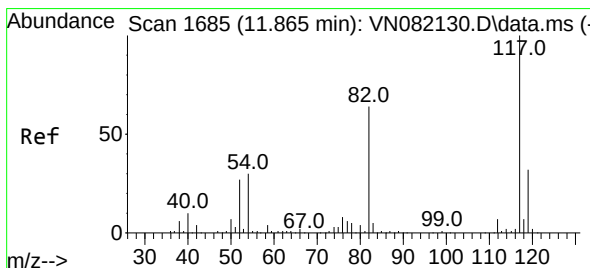
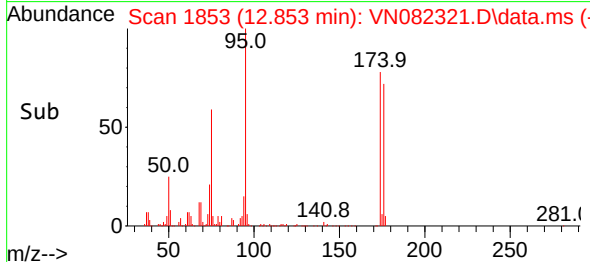
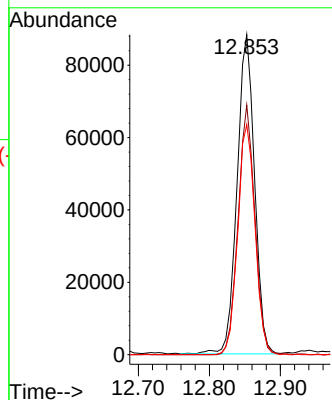
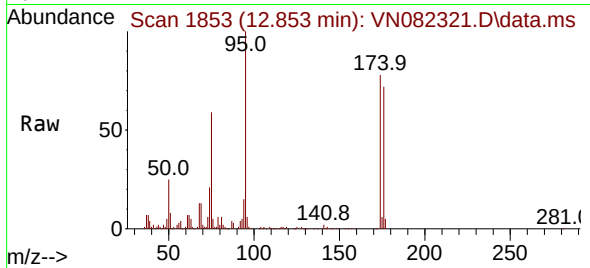




#62
4-Bromofluorobenzene
Concen: 59.652 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082321.D
Acq: 23 May 2024 15:06

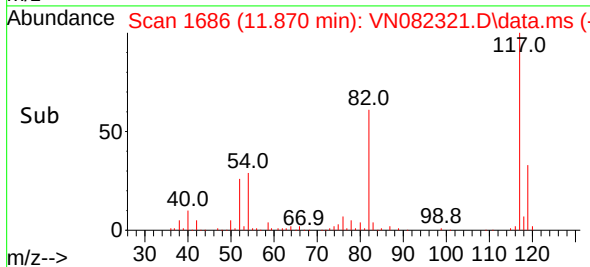
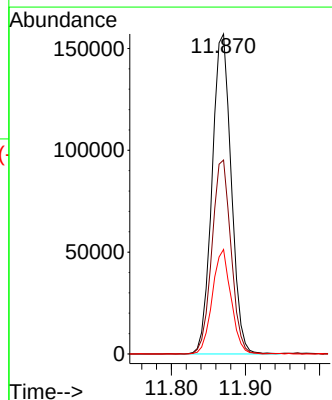
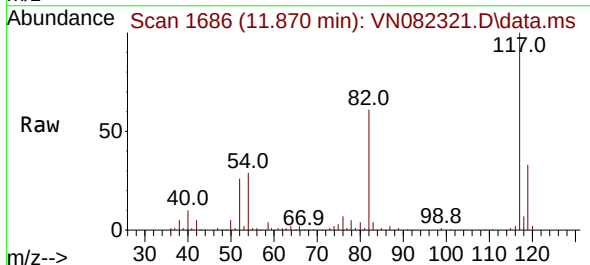
Instrument :
MSVOA_N
ClientSampleId :
COMP-1

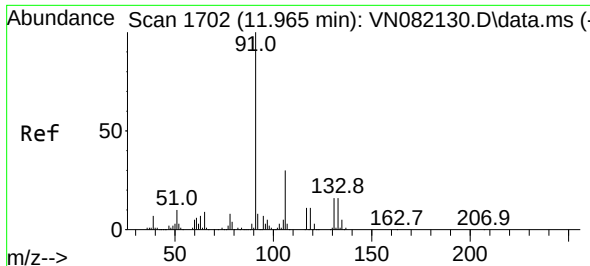
Tgt Ion: 95 Resp: 151148
Ion Ratio Lower Upper
95 100
174 75.1 0.0 160.6
176 71.3 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN082321.D
Acq: 23 May 2024 15:06

Tgt Ion: 117 Resp: 282385
Ion Ratio Lower Upper
117 100
82 60.5 44.6 66.8
119 32.7 25.9 38.9

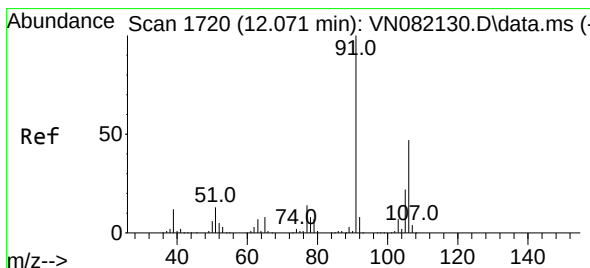
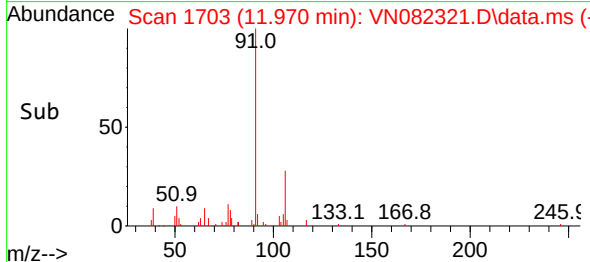
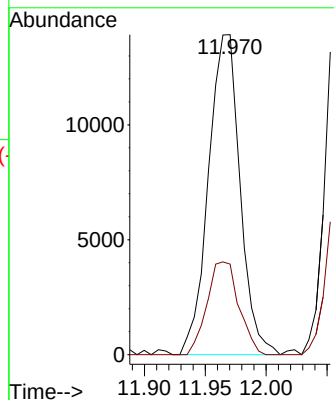
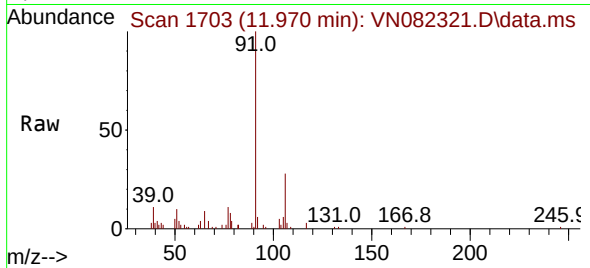




#67
Ethyl Benzene
Concen: 2.254 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. 0.006 min
Lab File: VN082321.D
Acq: 23 May 2024 15:06

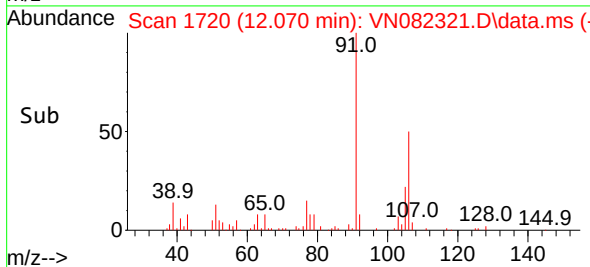
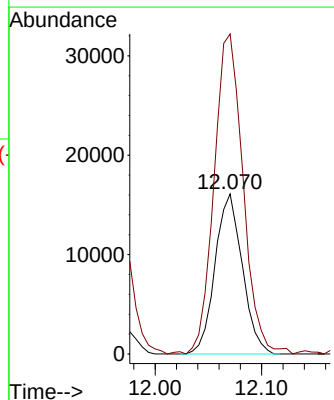
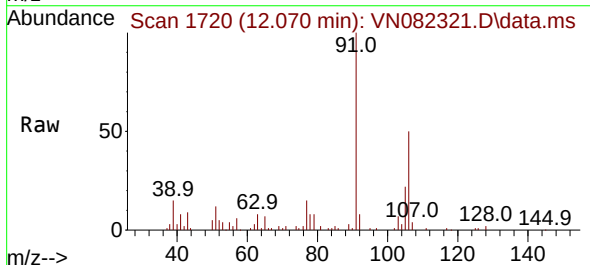
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MSVOA_N
ClientSampleId :
COMP-1

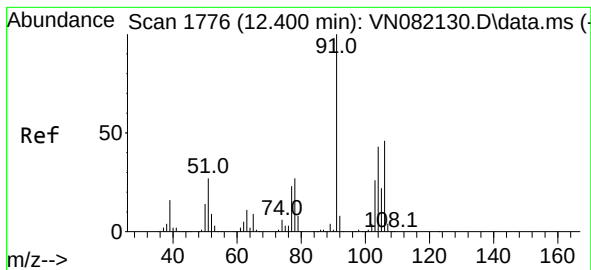
Tgt Ion: 91 Resp: 25150
Ion Ratio Lower Upper
91 100
106 28.3 25.3 37.9



#68
m/p-Xylenes
Concen: 6.990 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN082321.D
Acq: 23 May 2024 15:06

Tgt Ion: 106 Resp: 28590
Ion Ratio Lower Upper
106 100
91 212.6 159.4 239.0





#69

o-Xylene

Concen: 3.926 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. -0.000 min

Lab File: VN082321.D

Acq: 23 May 2024 15:06

Instrument :

MSVOA_N

ClientSampleId :

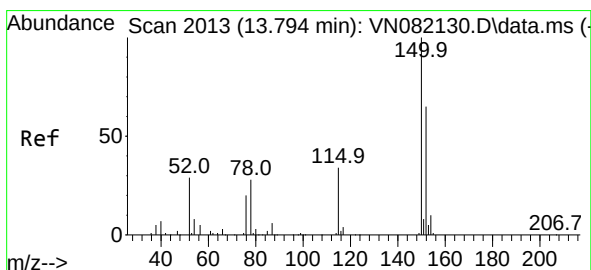
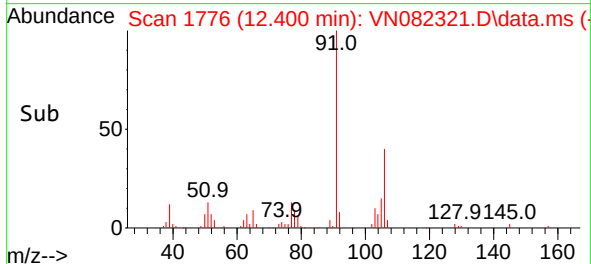
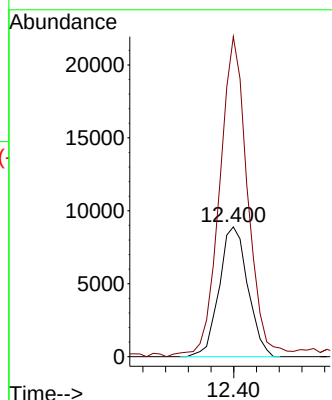
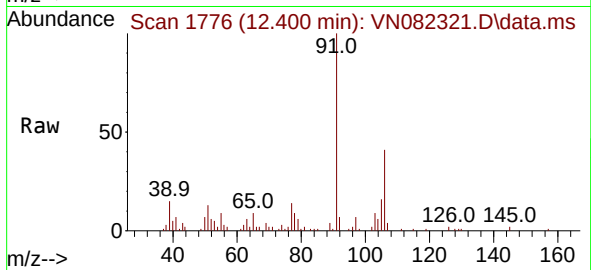
COMP-1

Tgt Ion:106 Resp: 15556

Ion Ratio Lower Upper

106 100

91 242.2 104.7 314.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN082321.D

Acq: 23 May 2024 15:06

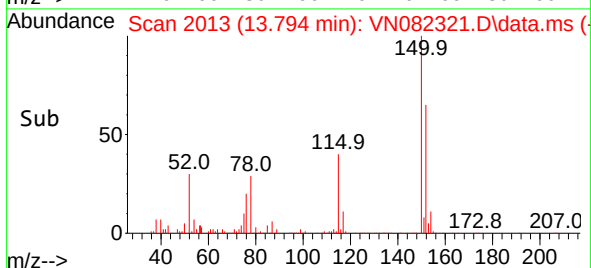
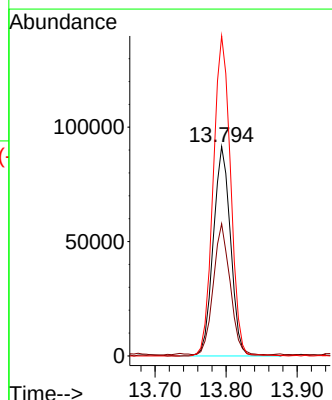
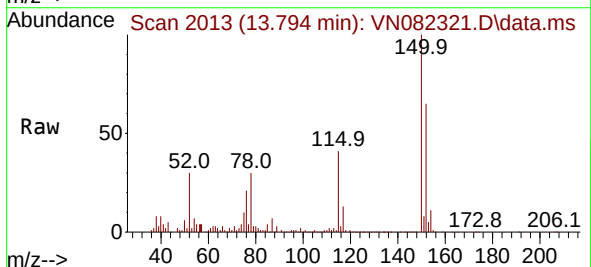
Tgt Ion:152 Resp: 154232

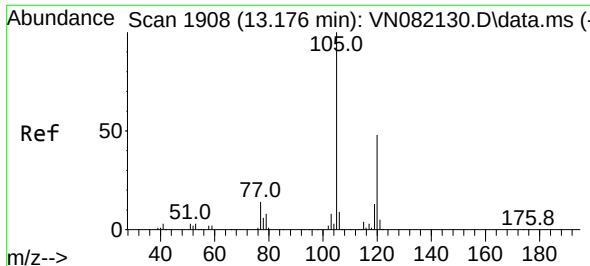
Ion Ratio Lower Upper

152 100

115 60.5 30.4 91.3

150 153.4 0.0 353.2

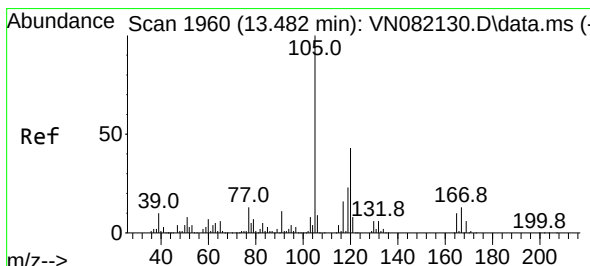
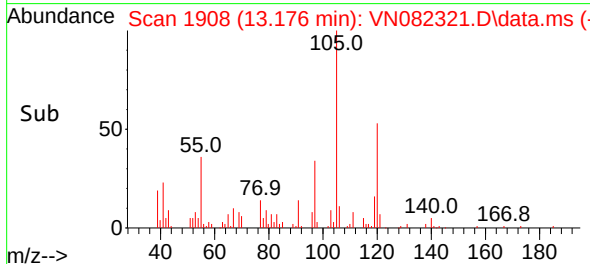
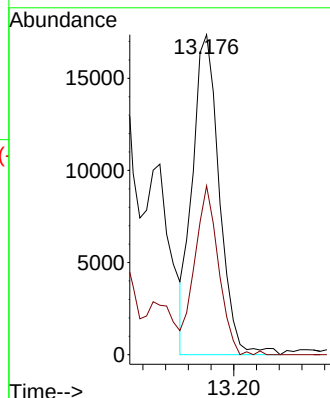
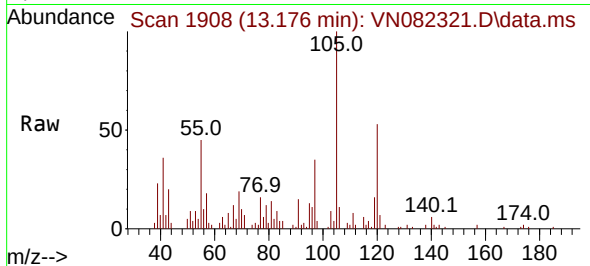




#80
 1,3,5-Trimethylbenzene
 Concen: 2.873 ug/l
 RT: 13.176 min Scan# 1908
 Delta R.T. -0.000 min
 Lab File: VN082321.D
 Acq: 23 May 2024 15:06

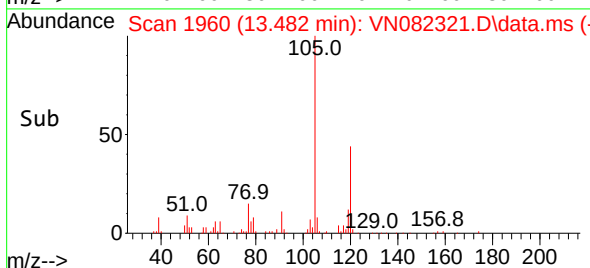
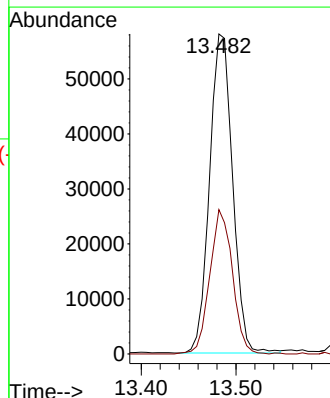
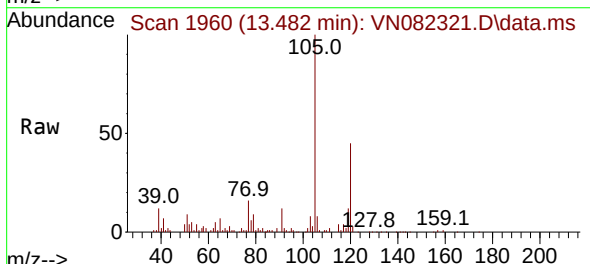
Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-1

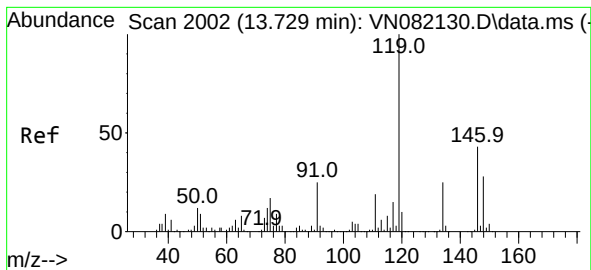
Tgt Ion:105 Resp: 28464
 Ion Ratio Lower Upper
 105 100
 120 46.5 24.8 74.3



#84
 1,2,4-Trimethylbenzene
 Concen: 9.683 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. -0.000 min
 Lab File: VN082321.D
 Acq: 23 May 2024 15:06

Tgt Ion:105 Resp: 98151
 Ion Ratio Lower Upper
 105 100
 120 44.4 22.9 68.7





#86

p-Isopropyltoluene

Concen: 1.145 ug/l

RT: 13.735 min Scan# 2002

Delta R.T. 0.006 min

Lab File: VN082321.D

Acq: 23 May 2024 15:06

Instrument :

MSVOA_N

ClientSampleId :

COMP-1

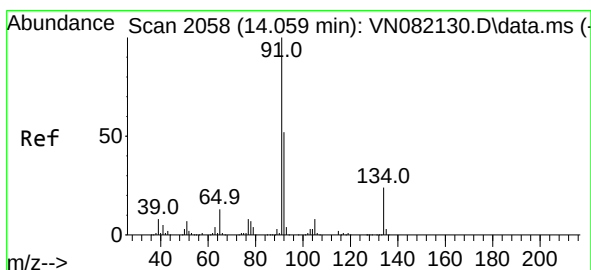
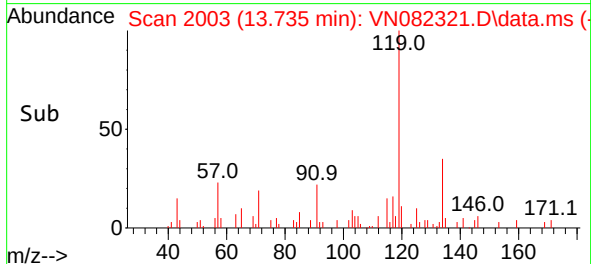
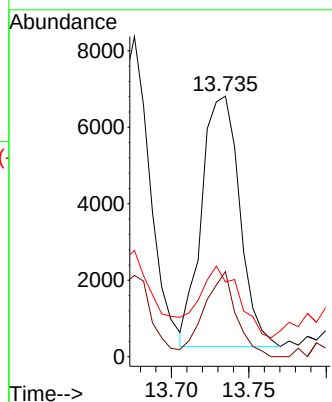
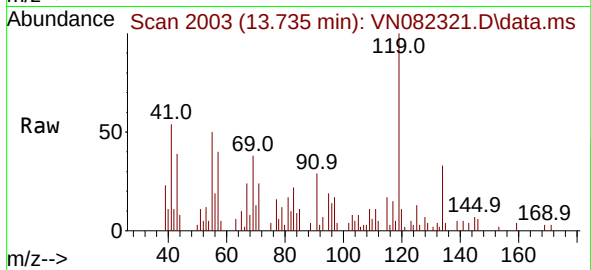
Tgt Ion:119 Resp: 11180

Ion Ratio Lower Upper

119 100

134 28.7 13.2 39.5

91 29.5 11.8 35.3



#89

n-Butylbenzene

Concen: 1.270 ug/l

RT: 14.058 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN082321.D

Acq: 23 May 2024 15:06

Tgt Ion: 91 Resp: 11144

Ion Ratio Lower Upper

91 100

92 72.2 26.2 78.5

134 0.0 13.2 39.5#

