

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052124\
 Data File : VN082276.D
 Acq On : 22 May 2024 06:21
 Operator : JC\MD
 Sample : P2494-16 40X
 Misc : 4.99g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 16

Quant Time: May 22 07:42:34 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	8.224	168	198784	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	346099	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	328985	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	151886	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.582	65	156587	49.887	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.780%
35) Dibromofluoromethane	8.171	113	108356	50.894	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.780%
50) Toluene-d8	10.565	98	434680	53.253	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.500%
62) 4-Bromofluorobenzene	12.853	95	162657	55.830	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	111.660%

Target Compounds

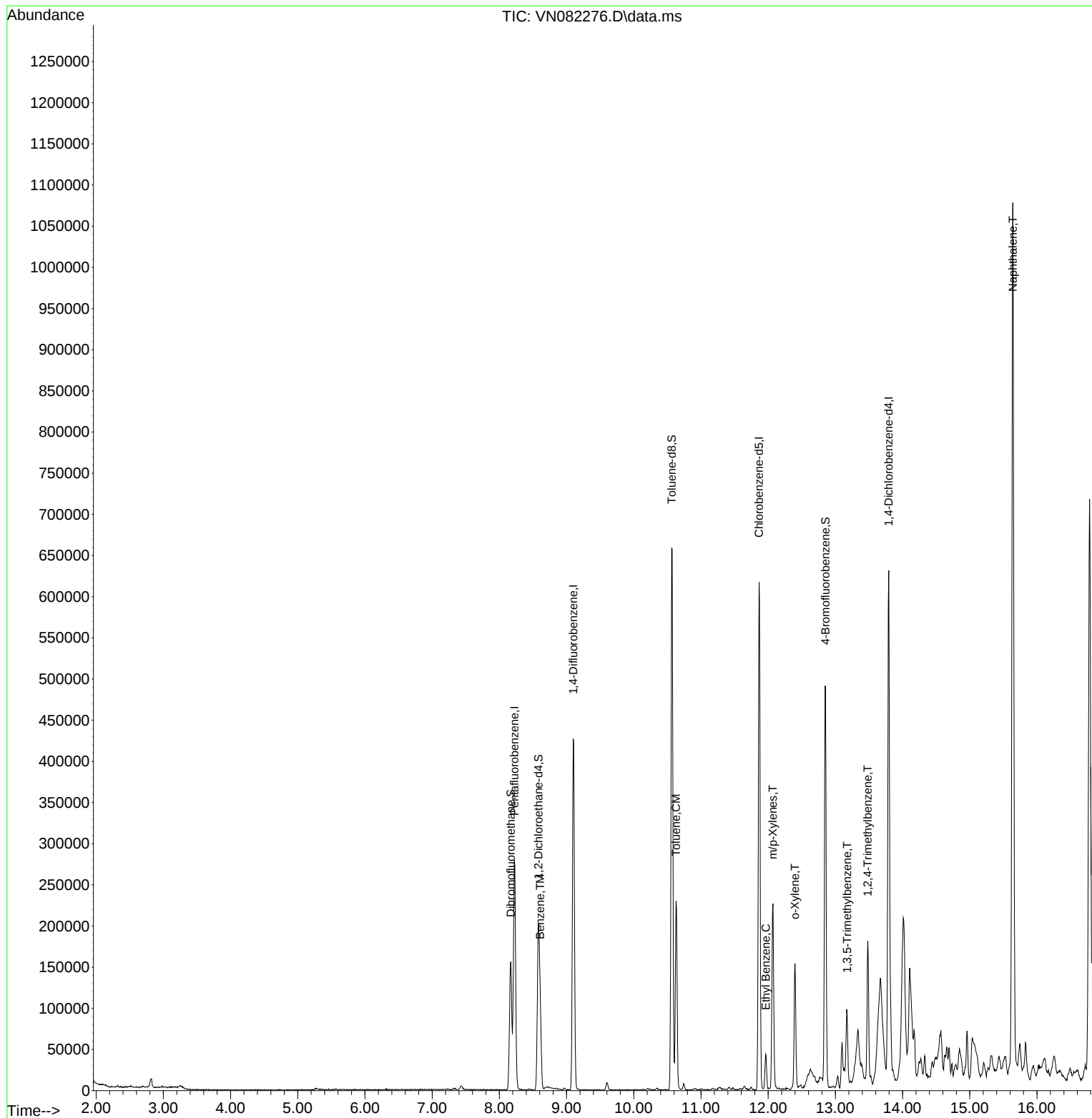
						Qvalue
40) Benzene	8.606	78	82283	7.728	ug/l	100
52) Toluene	10.629	92	96261	15.064	ug/l	99
67) Ethyl Benzene	11.965	91	30309	2.331	ug/l	91
68) m/p-Xylenes	12.070	106	63508	13.328	ug/l	91
69) o-Xylene	12.400	106	38675	8.379	ug/l	89
80) 1,3,5-Trimethylbenzene	13.176	105	39684	4.067	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	93235	9.340	ug/l	99
95) Naphthalene	15.641	128	935090	107.945	ug/l	99

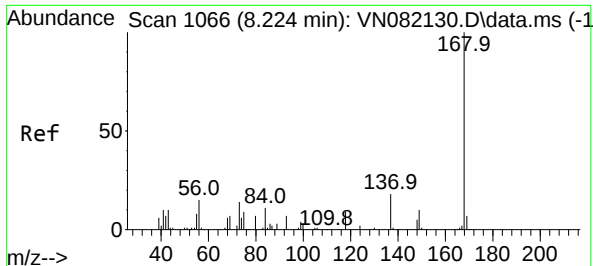
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu May 16 05:21:06 2024
Response via : Initial Calibration

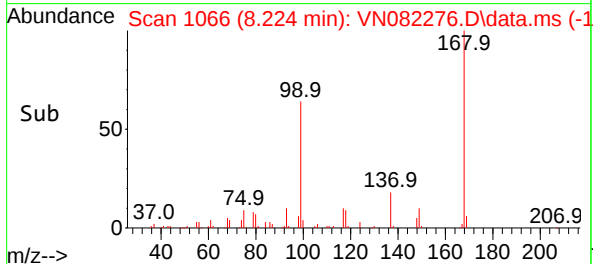
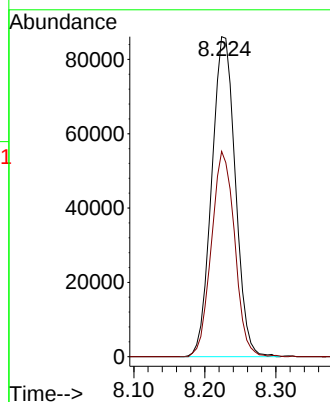
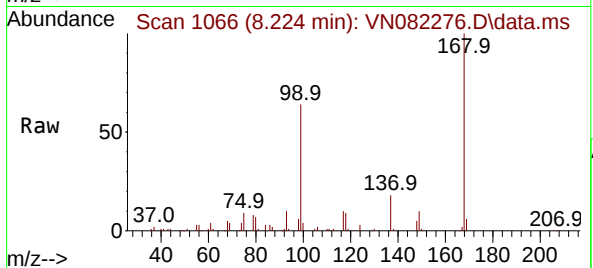




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN082276.D
Acq: 22 May 2024 06:21

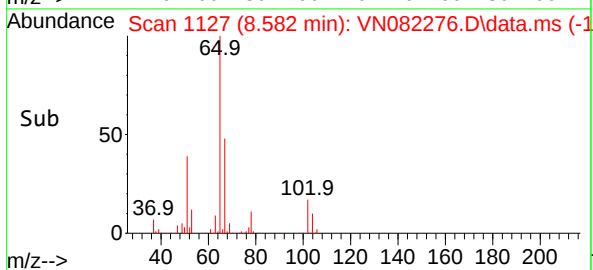
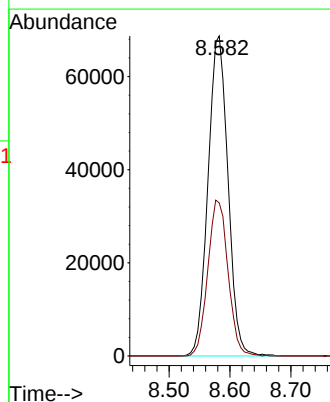
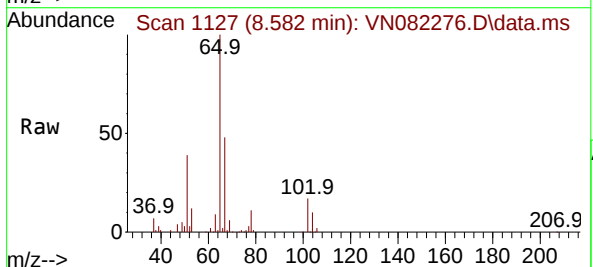
Instrument :
MSVOA_N
ClientSampleId :
16

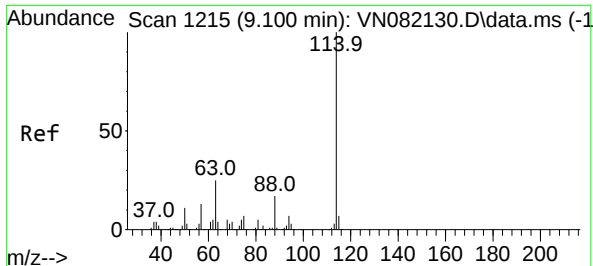
Tgt Ion:168 Resp: 198784
Ion Ratio Lower Upper
168 100
99 64.1 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 49.887 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082276.D
Acq: 22 May 2024 06:21

Tgt Ion: 65 Resp: 156587
Ion Ratio Lower Upper
65 100
67 49.3 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: VN082276.D

Acq: 22 May 2024 06:21

Instrument :

MSVOA_N

ClientSampleId :

16

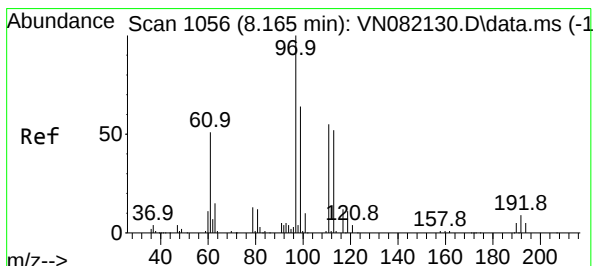
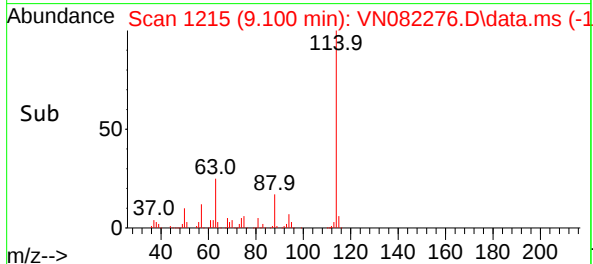
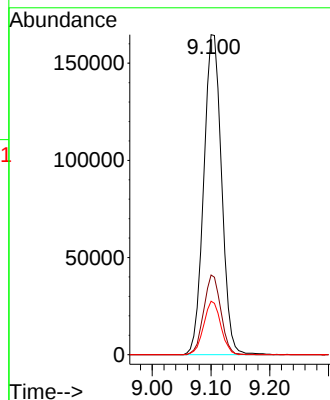
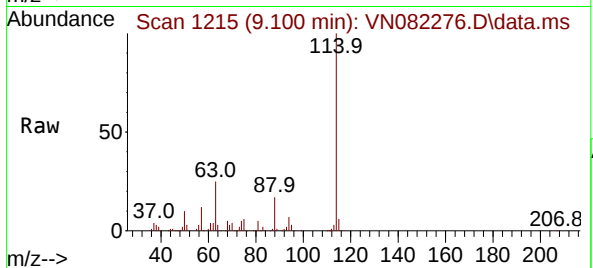
Tgt Ion:114 Resp: 346099

Ion Ratio Lower Upper

114 100

63 24.9 0.0 41.0

88 16.7 0.0 31.4



#35

Dibromofluoromethane

Concen: 50.894 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082276.D

Acq: 22 May 2024 06:21

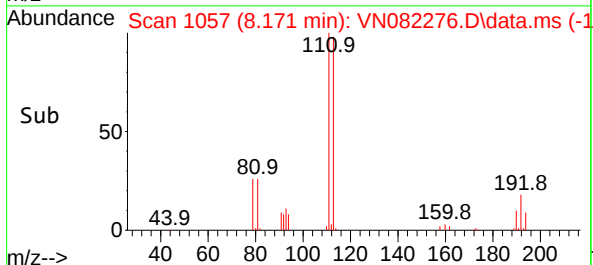
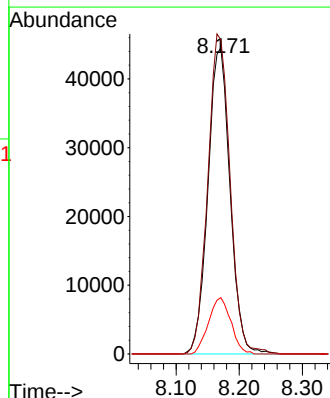
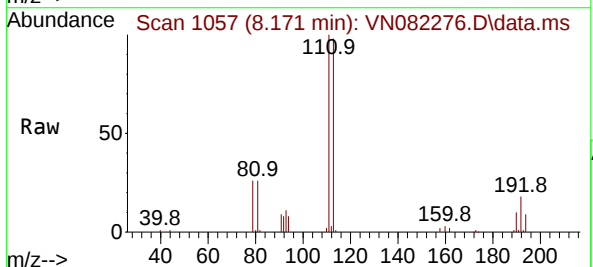
Tgt Ion:113 Resp: 108356

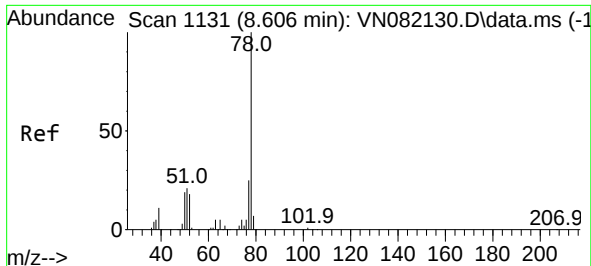
Ion Ratio Lower Upper

113 100

111 105.3 83.4 125.2

192 18.6 14.0 21.0

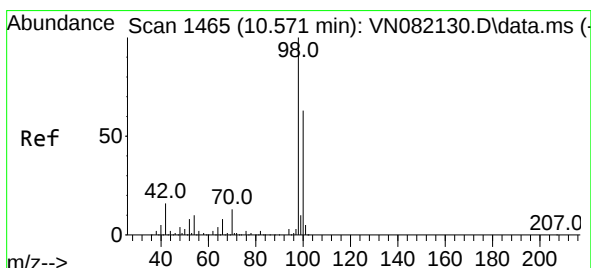
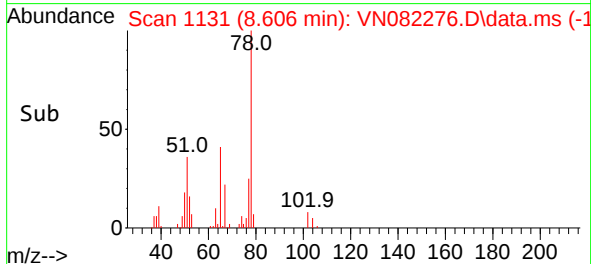
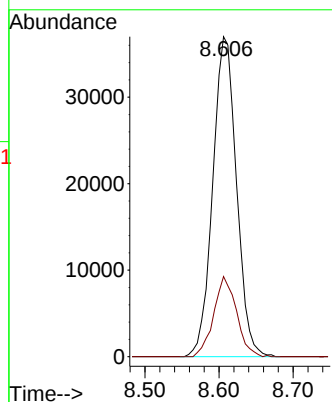
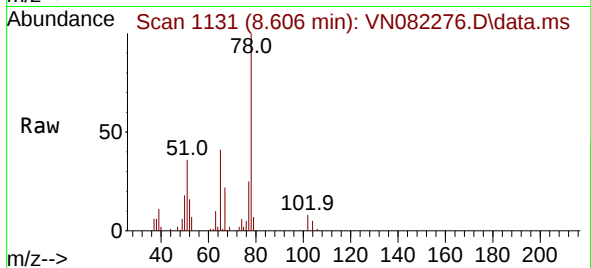




#40
Benzene
Concen: 7.728 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN082276.D
Acq: 22 May 2024 06:21

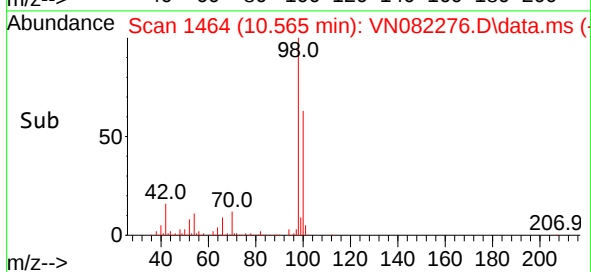
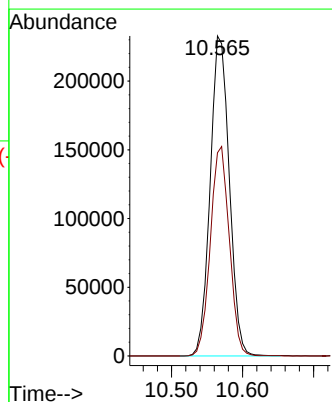
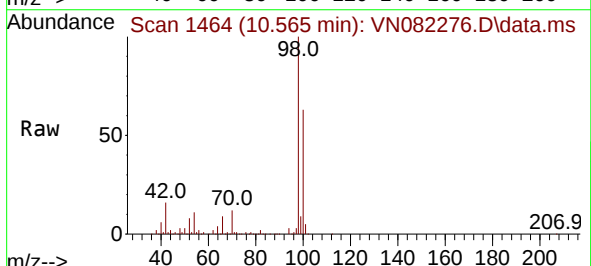
Instrument :
MSVOA_N
ClientSampleId :
16

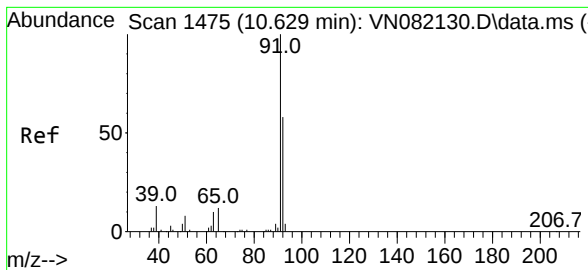
Tgt Ion: 78 Resp: 82283
Ion Ratio Lower Upper
78 100
77 25.1 20.0 30.0



#50
Toluene-d8
Concen: 53.253 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN082276.D
Acq: 22 May 2024 06:21

Tgt Ion: 98 Resp: 434680
Ion Ratio Lower Upper
98 100
100 64.9 51.8 77.6





#52

Toluene

Concen: 15.064 ug/l

RT: 10.629 min Scan# 14

Delta R.T. -0.000 min

Lab File: VN082276.D

Acq: 22 May 2024 06:21

Instrument :

MSVOA_N

ClientSampleId :

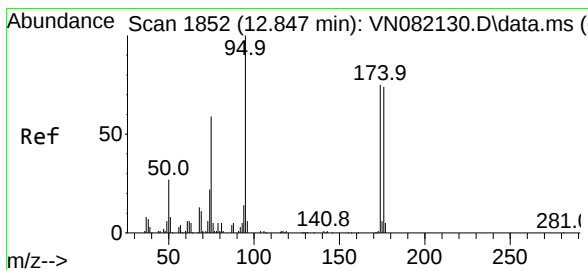
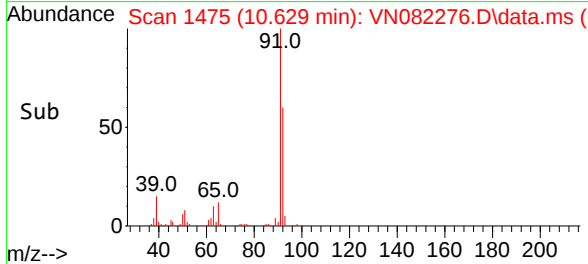
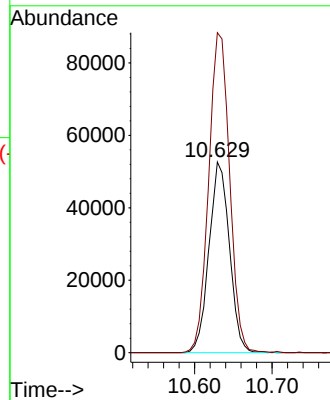
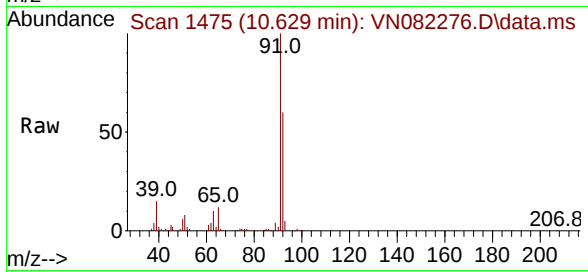
16

Tgt Ion: 92 Resp: 96261

Ion Ratio Lower Upper

92 100

91 172.1 136.7 205.1



#62

4-Bromofluorobenzene

Concen: 55.830 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VN082276.D

Acq: 22 May 2024 06:21

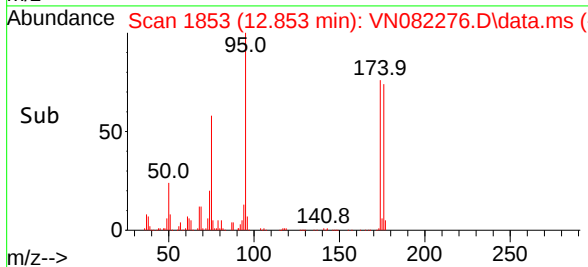
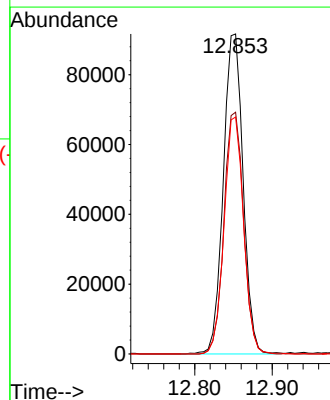
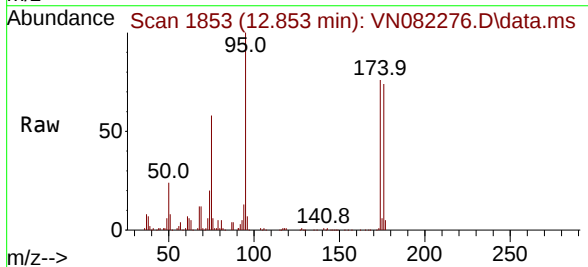
Tgt Ion: 95 Resp: 162657

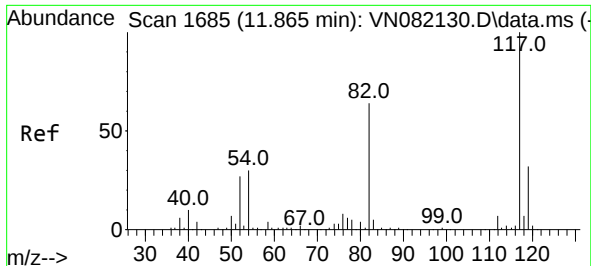
Ion Ratio Lower Upper

95 100

174 75.0 0.0 160.6

176 72.8 0.0 152.8

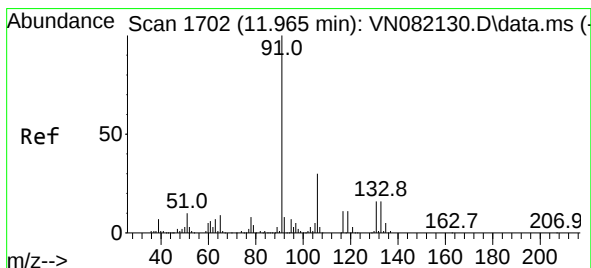
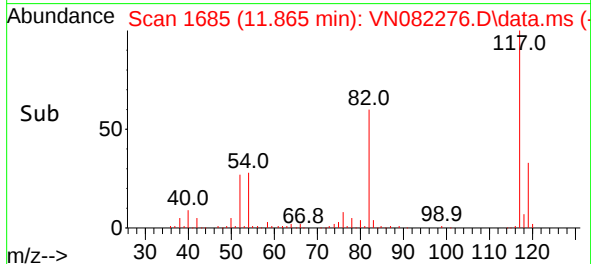
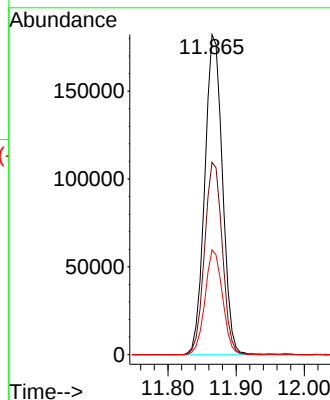
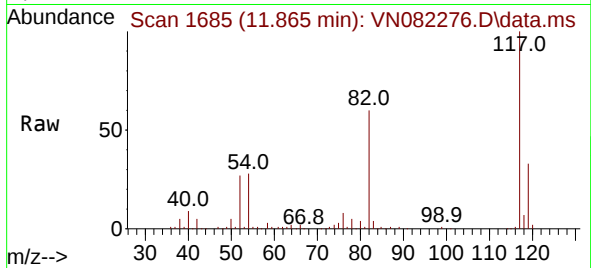




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN082276.D
Acq: 22 May 2024 06:21

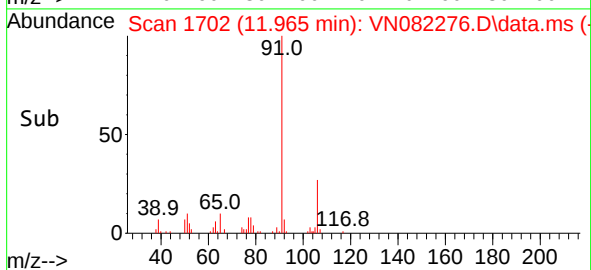
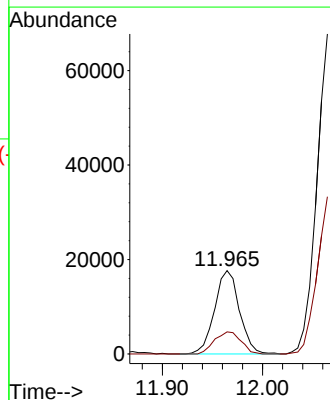
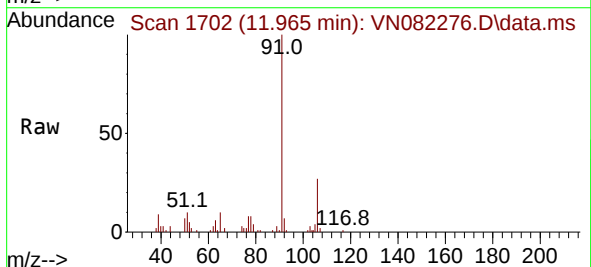
Instrument :
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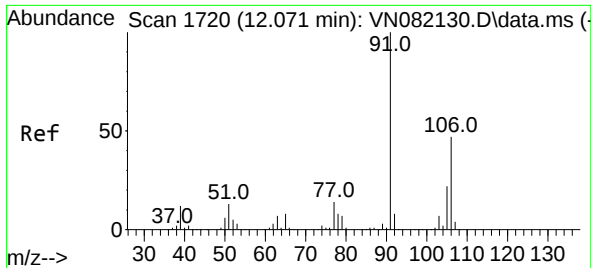
Tgt Ion:117 Resp: 328985
Ion Ratio Lower Upper
117 100
82 60.1 44.6 66.8
119 32.8 25.9 38.9



#67
Ethyl Benzene
Concen: 2.331 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN082276.D
Acq: 22 May 2024 06:21

Tgt Ion: 91 Resp: 30309
Ion Ratio Lower Upper
91 100
106 26.6 25.3 37.9

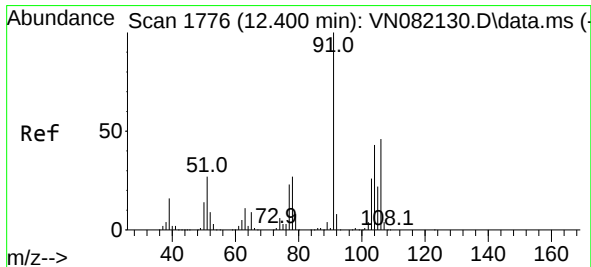
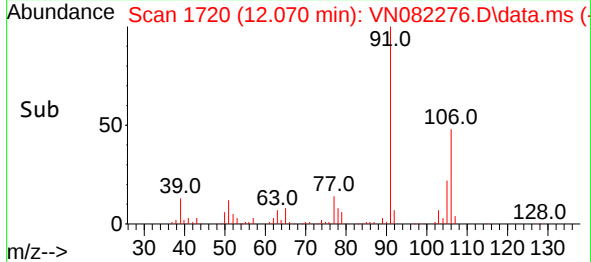
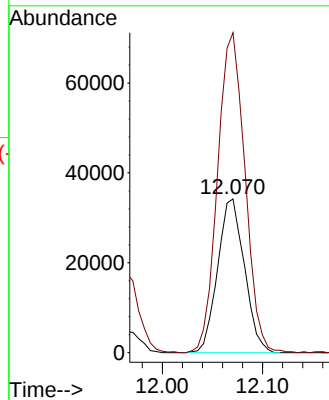
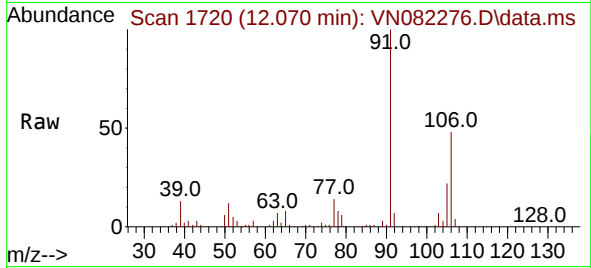




#68
m/p-Xylenes
Concen: 13.328 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN082276.D
Acq: 22 May 2024 06:21

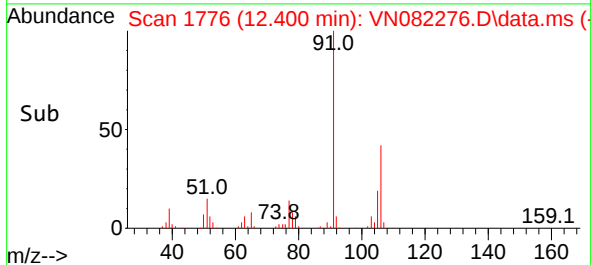
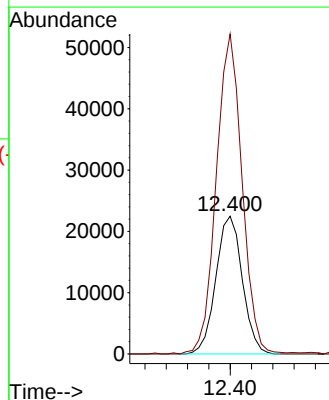
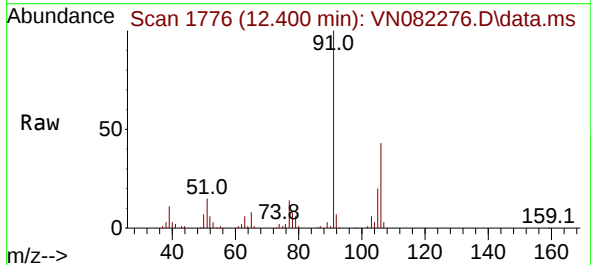
Instrument :
MSVOA_N
ClientSampleId :
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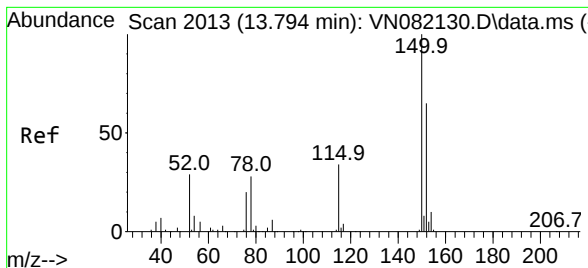
Tgt Ion:106 Resp: 63508
Ion Ratio Lower Upper
106 100
91 212.8 159.4 239.0



#69
o-Xylene
Concen: 8.379 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN082276.D
Acq: 22 May 2024 06:21

Tgt Ion:106 Resp: 38675
Ion Ratio Lower Upper
106 100
91 226.6 104.7 314.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN082276.D

Acq: 22 May 2024 06:21

Instrument :

MSVOA_N

ClientSampleId :

16

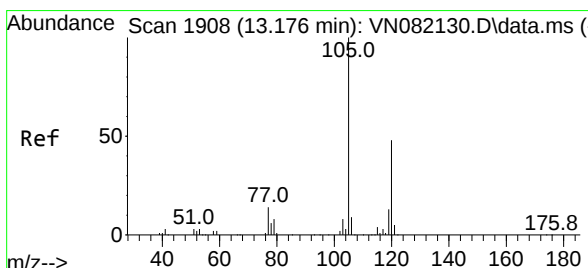
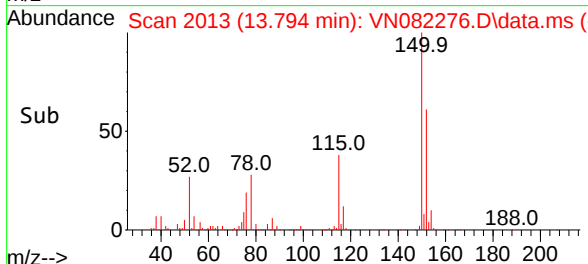
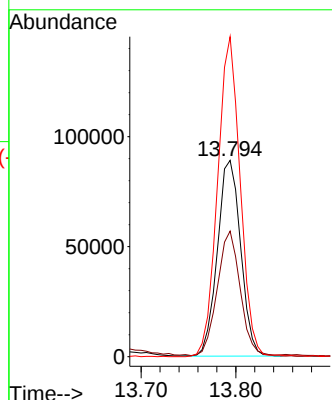
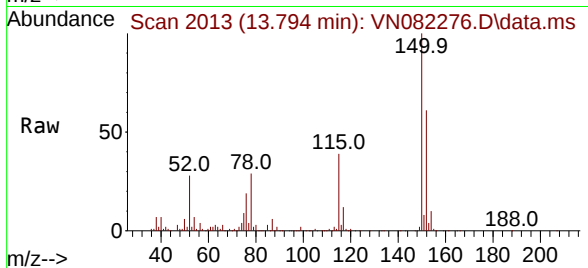
Tgt Ion:152 Resp: 151886

Ion Ratio Lower Upper

152 100

115 62.1 30.4 91.3

150 159.0 0.0 353.2



#80

1,3,5-Trimethylbenzene

Concen: 4.067 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VN082276.D

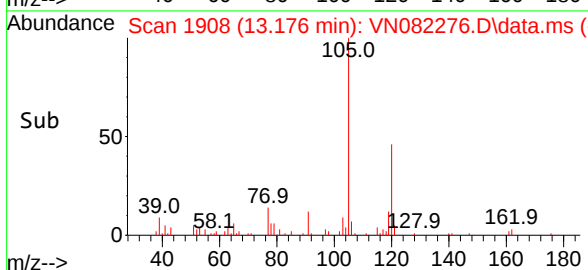
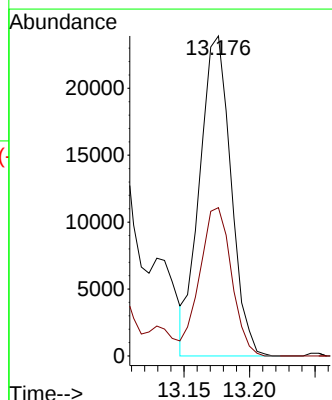
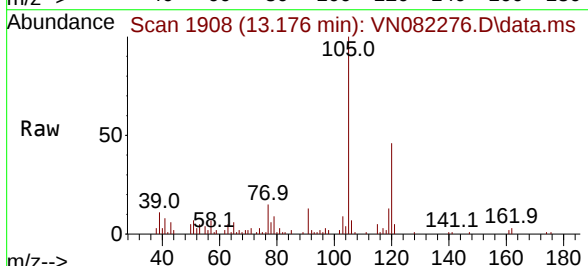
Acq: 22 May 2024 06:21

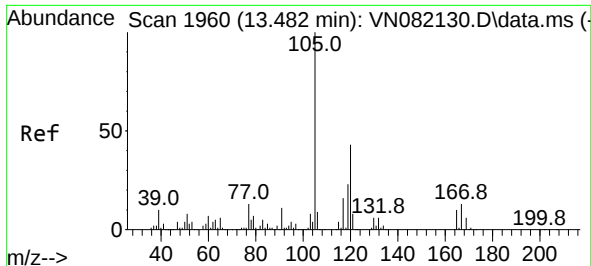
Tgt Ion:105 Resp: 39684

Ion Ratio Lower Upper

105 100

120 47.1 24.8 74.3

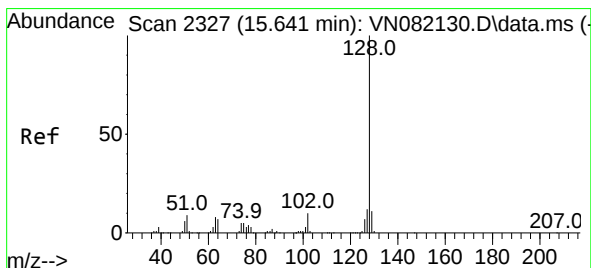
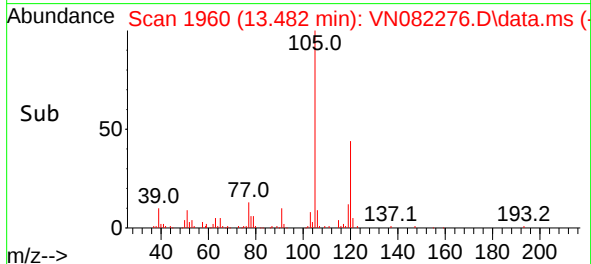
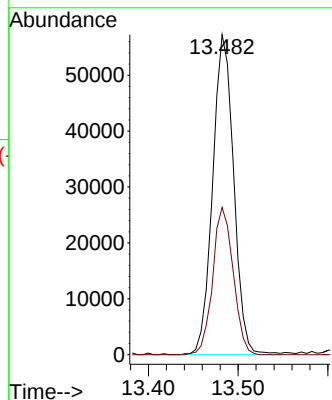
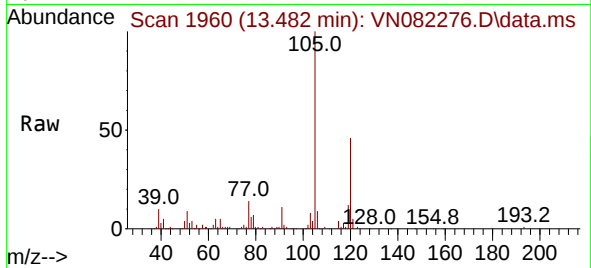




#84
1,2,4-Trimethylbenzene
Concen: 9.340 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN082276.D
Acq: 22 May 2024 06:21

Instrument :
MSVOA_N
ClientSampleId :
16

Tgt Ion:105 Resp: 93235
Ion Ratio Lower Upper
105 100
120 44.8 22.9 68.7



#95
Naphthalene
Concen: 107.945 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN082276.D
Acq: 22 May 2024 06:21

Tgt Ion:128 Resp: 935090
Ion Ratio Lower Upper
128 100
127 13.2 10.1 15.1
129 11.1 8.9 13.3

