

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052324\
 Data File : VN082316.D
 Acq On : 23 May 2024 13:04
 Operator : JC\MD
 Sample : P2511-01ME
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 510-CME

Quant Time: May 23 13:22:11 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)

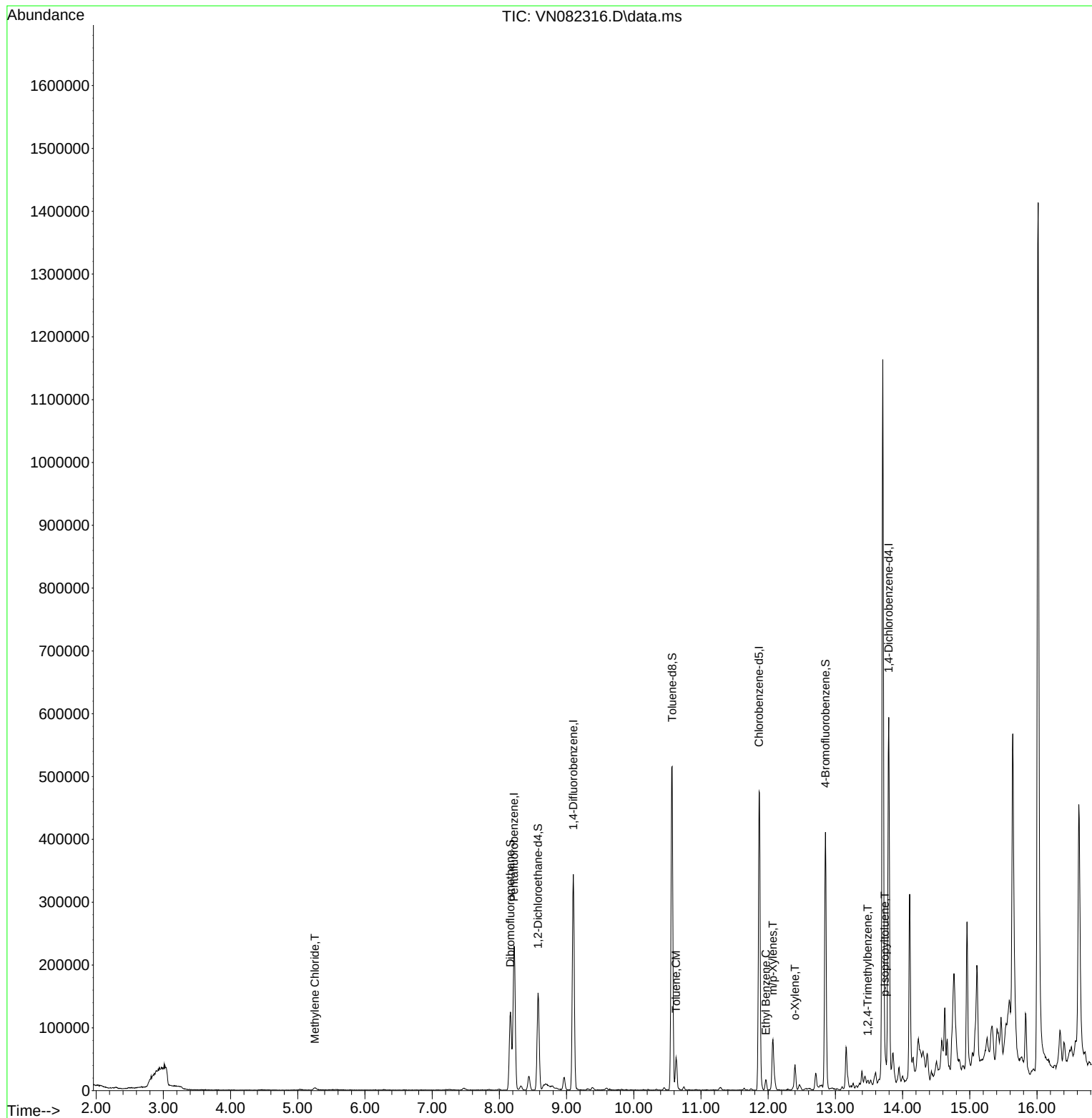
Internal Standards						
1) Pentafluorobenzene	8.218	168	152617	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	273509	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	251695	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	140184	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	126510	52.497	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.000%	
35) Dibromofluoromethane	8.165	113	88084	52.353	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.700%	
50) Toluene-d8	10.571	98	343631	53.271	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 106.540%	
62) 4-Bromofluorobenzene	12.853	95	128797	55.941	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 111.880%	
Target Compounds						
						Qvalue
20) Methylene Chloride	5.253	84	2752	1.380	ug/l	# 79
52) Toluene	10.629	92	20235	4.007	ug/l	98
67) Ethyl Benzene	11.965	91	12247	1.231	ug/l	89
68) m/p-Xylenes	12.070	106	20380	5.590	ug/l	89
69) o-Xylene	12.400	106	9824	2.782	ug/l	88
84) 1,2,4-Trimethylbenzene	13.482	105	6120	0.664	ug/l	95
86) p-Isopropyltoluene	13.735	119	28287	3.187	ug/l	# 76

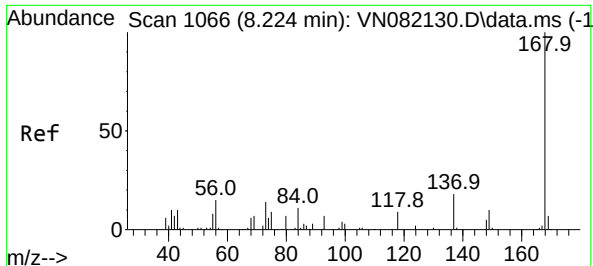
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : P2511-01ME
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Quant Title : SW846 8260
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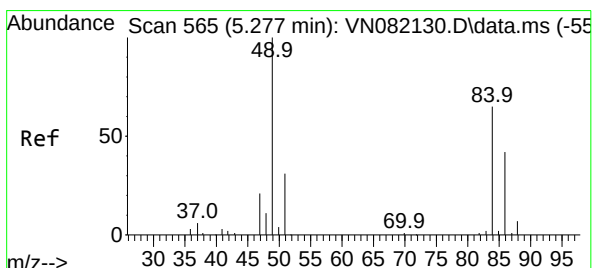
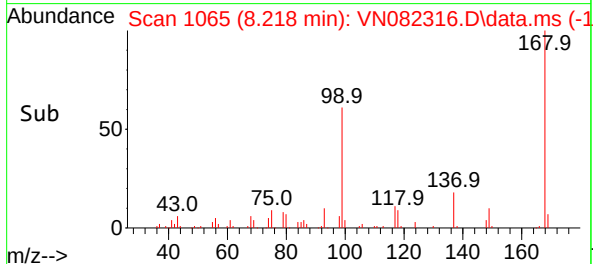
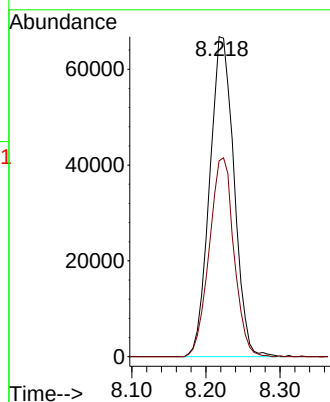
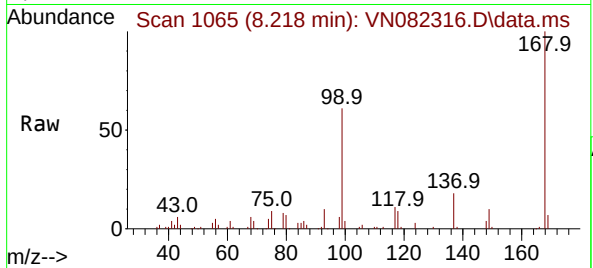




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN082316.D
Acq: 23 May 2024 13:04

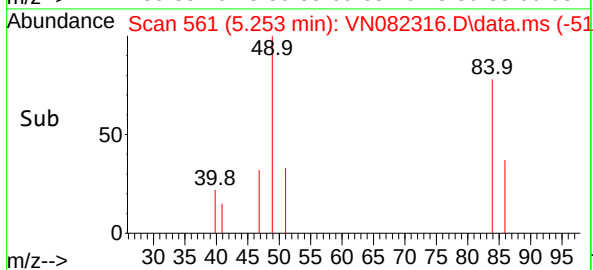
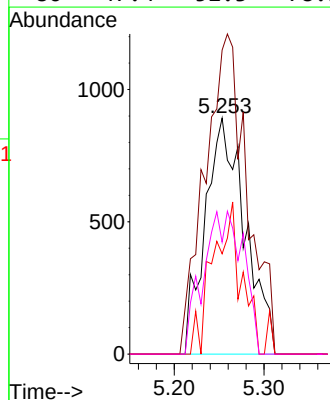
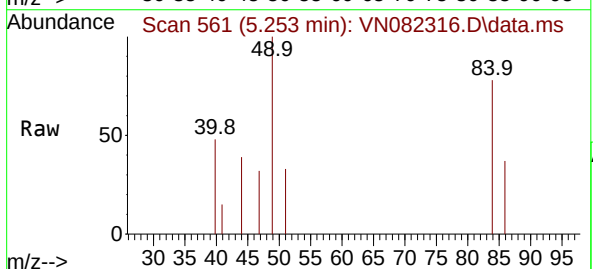
Instrument :
MSVOA_N
ClientSampleId :
510-CME

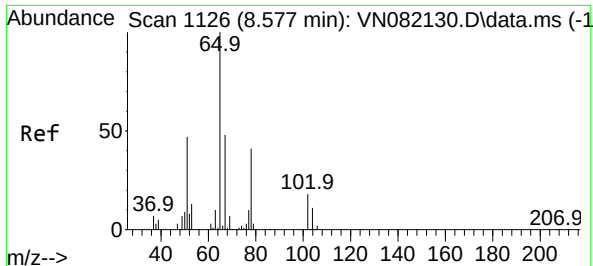
Tgt Ion:168 Resp: 152617
Ion Ratio Lower Upper
168 100
99 61.2 48.2 72.4



#20
Methylene Chloride
Concen: 1.380 ug/l
RT: 5.253 min Scan# 561
Delta R.T. -0.024 min
Lab File: VN082316.D
Acq: 23 May 2024 13:04

Tgt Ion: 84 Resp: 2752
Ion Ratio Lower Upper
84 100
49 128.8 84.9 127.3#
51 42.5 27.0 40.6#
86 47.4 52.3 78.5#





#33

1,2-Dichloroethane-d4

Concen: 52.497 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN082316.D

Acq: 23 May 2024 13:04

Instrument :

MSVOA_N

ClientSampleId :

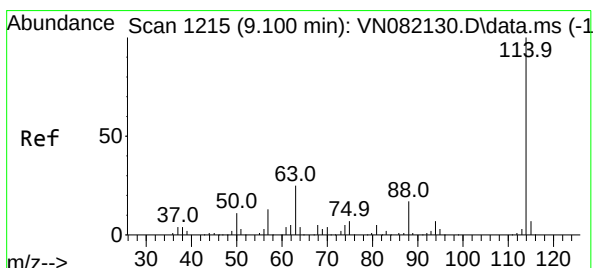
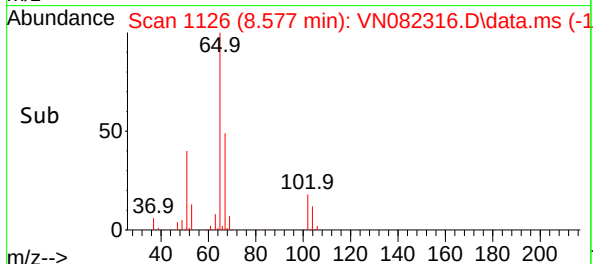
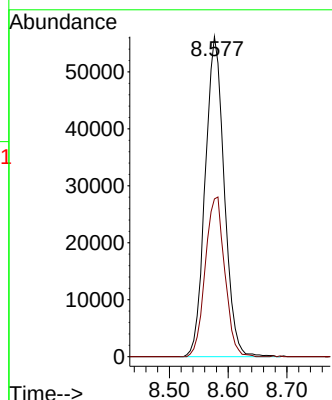
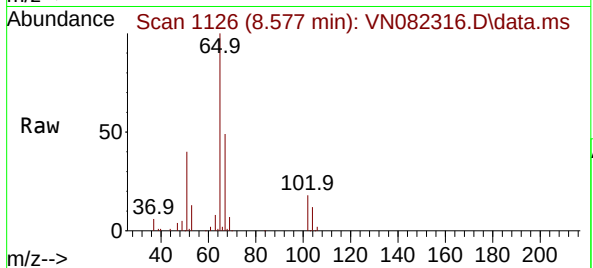
510-CME

Tgt Ion: 65 Resp: 126510

Ion Ratio Lower Upper

65 100

67 51.0 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN082316.D

Acq: 23 May 2024 13:04

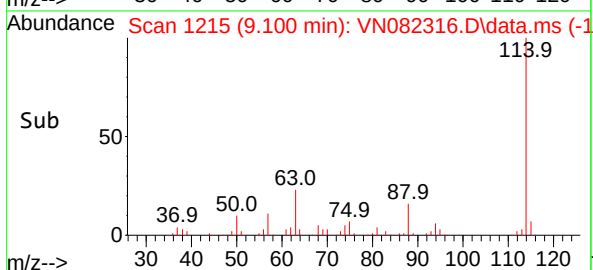
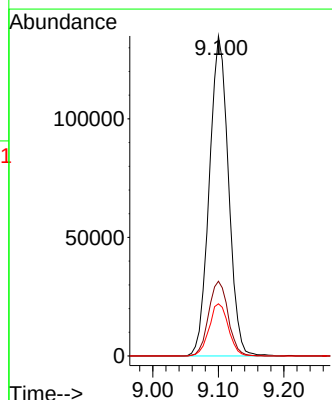
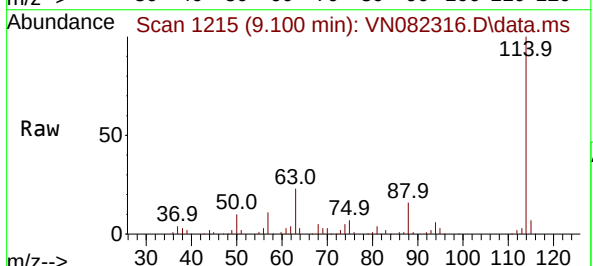
Tgt Ion: 114 Resp: 273509

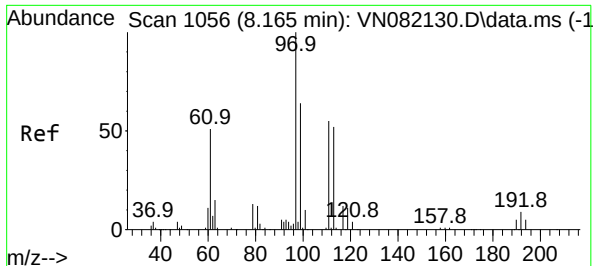
Ion Ratio Lower Upper

114 100

63 23.3 0.0 41.0

88 16.3 0.0 31.4





#35

Dibromofluoromethane

Concen: 52.353 ug/l

RT: 8.165 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN082316.D

Acq: 23 May 2024 13:04

Instrument :

MSVOA_N

ClientSampleId :

510-CME

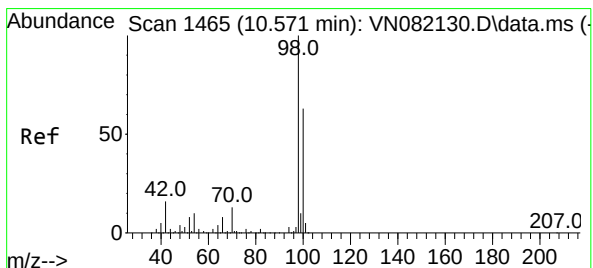
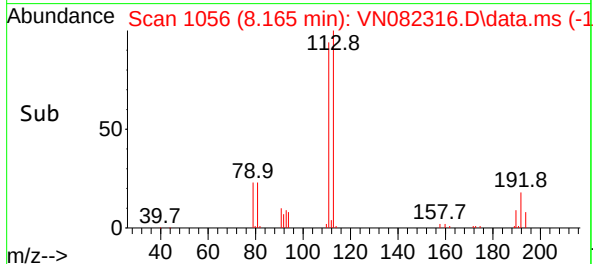
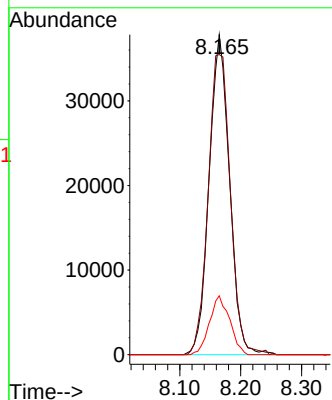
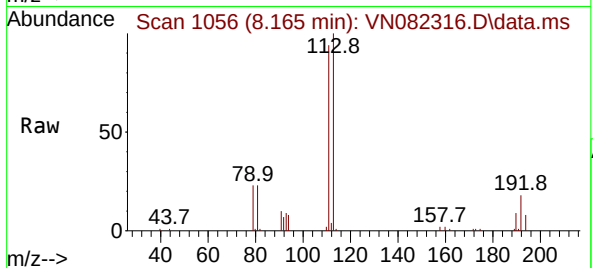
Tgt Ion:113 Resp: 88084

Ion Ratio Lower Upper

113 100

111 101.8 83.4 125.2

192 18.2 14.0 21.0



#50

Toluene-d8

Concen: 53.271 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN082316.D

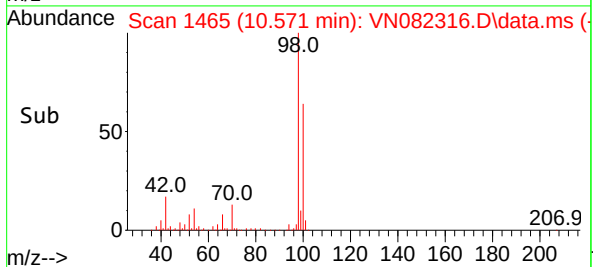
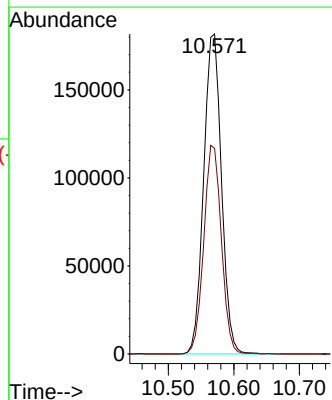
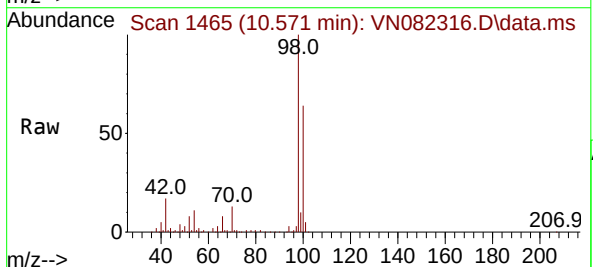
Acq: 23 May 2024 13:04

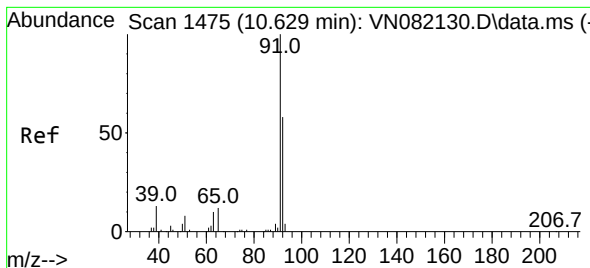
Tgt Ion: 98 Resp: 343631

Ion Ratio Lower Upper

98 100

100 64.5 51.8 77.6





#52

Toluene

Concen: 4.007 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VN082316.D

Acq: 23 May 2024 13:04

Instrument :

MSVOA_N

ClientSampleId :

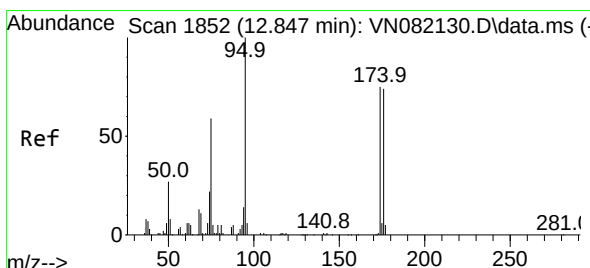
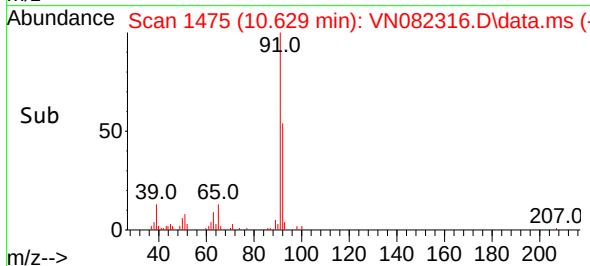
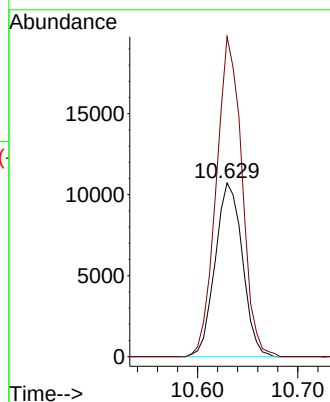
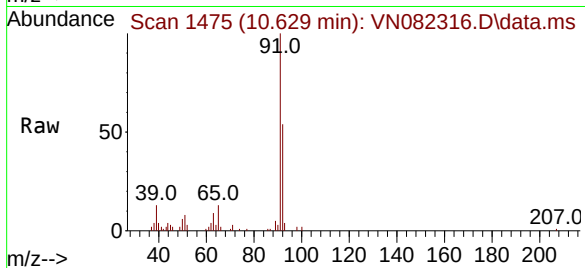
510-CME

Tgt Ion: 92 Resp: 20235

Ion Ratio Lower Upper

92 100

91 174.0 136.7 205.1



#62

4-Bromofluorobenzene

Concen: 55.941 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VN082316.D

Acq: 23 May 2024 13:04

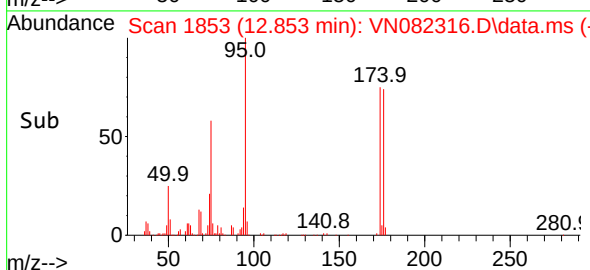
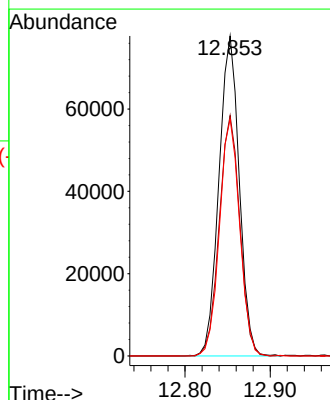
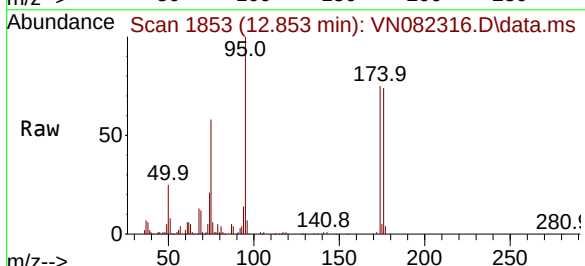
Tgt Ion: 95 Resp: 128797

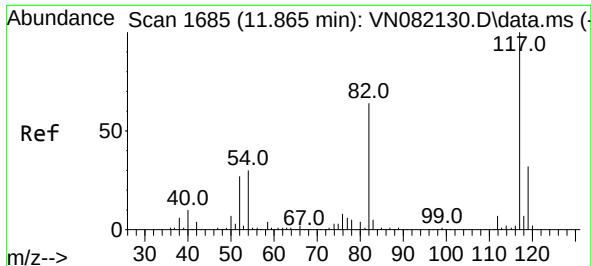
Ion Ratio Lower Upper

95 100

174 76.1 0.0 160.6

176 73.5 0.0 152.8

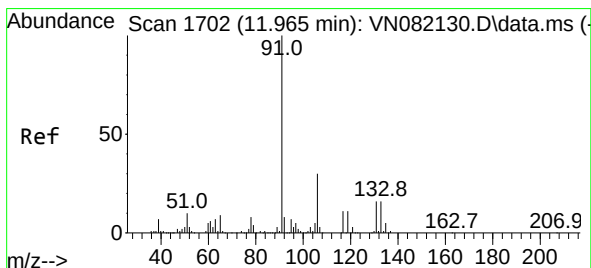
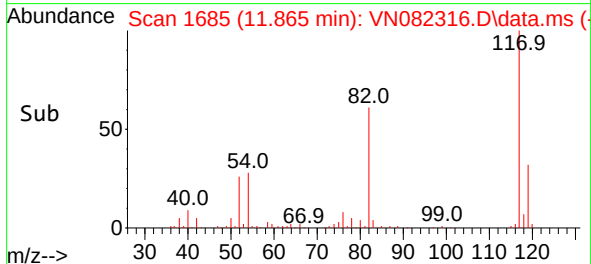
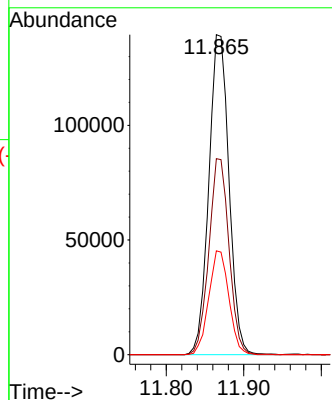
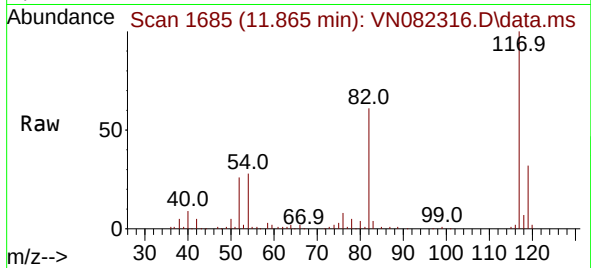




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN082316.D
Acq: 23 May 2024 13:04

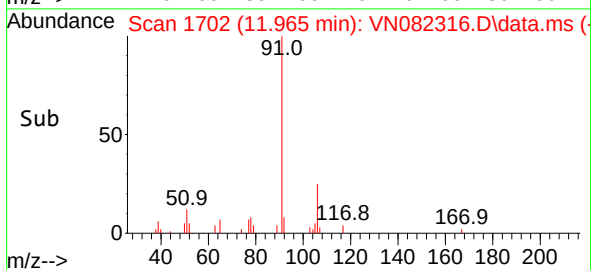
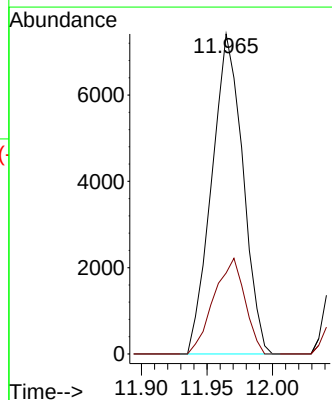
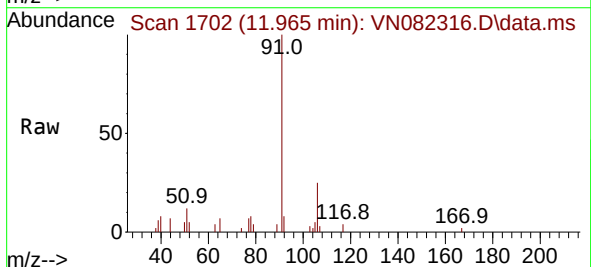
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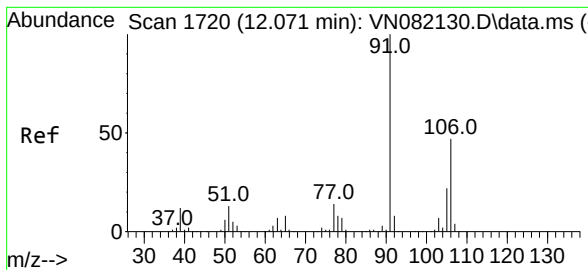
Tgt Ion:117 Resp: 251695
Ion Ratio Lower Upper
117 100
82 61.2 44.6 66.8
119 32.4 25.9 38.9



#67
Ethyl Benzene
Concen: 1.231 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN082316.D
Acq: 23 May 2024 13:04

Tgt Ion: 91 Resp: 12247
Ion Ratio Lower Upper
91 100
106 25.3 25.3 37.9

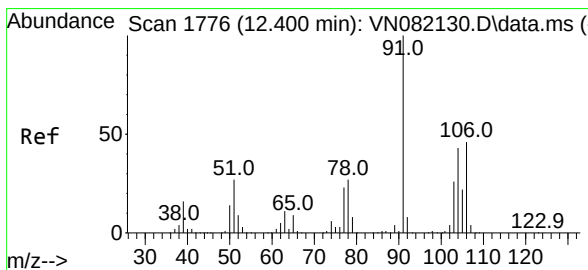
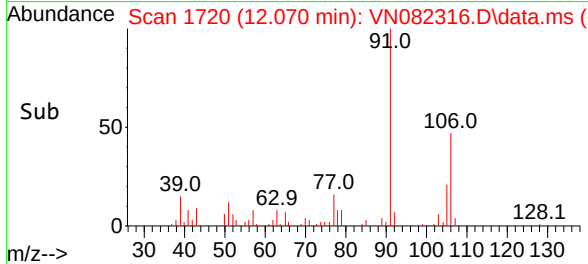
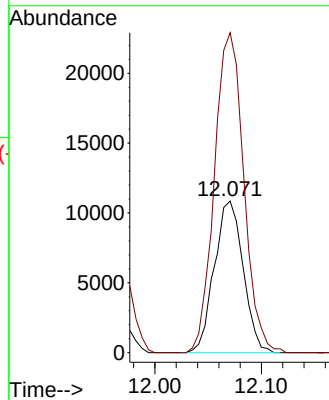
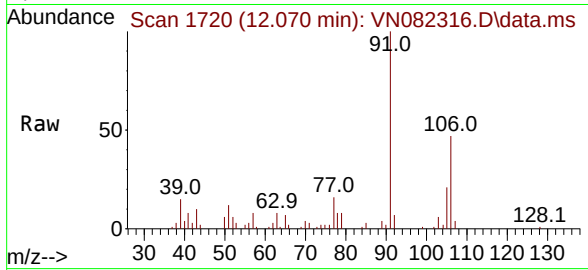




#68
m/p-Xylenes
Concen: 5.590 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN082316.D
Acq: 23 May 2024 13:04

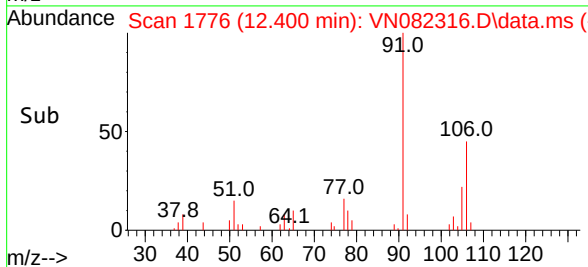
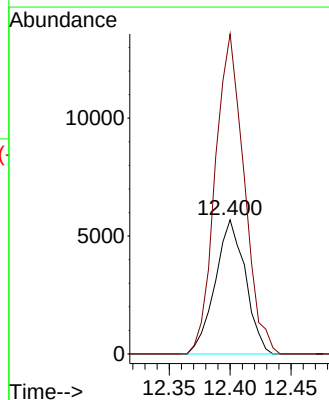
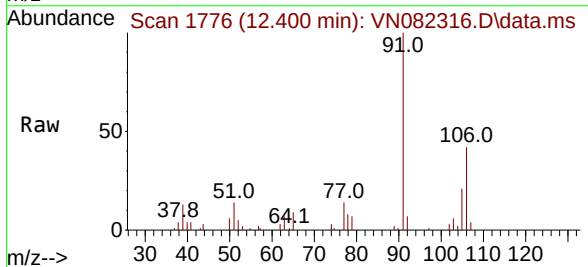
Instrument :
MSVOA_N
ClientSampleId :
510-CME

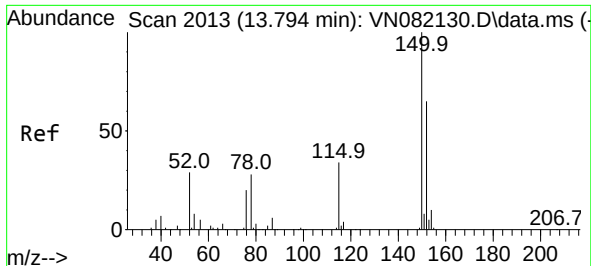
Tgt Ion:106 Resp: 20380
Ion Ratio Lower Upper
106 100
91 215.3 159.4 239.0



#69
o-Xylene
Concen: 2.782 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN082316.D
Acq: 23 May 2024 13:04

Tgt Ion:106 Resp: 9824
Ion Ratio Lower Upper
106 100
91 228.2 104.7 314.1

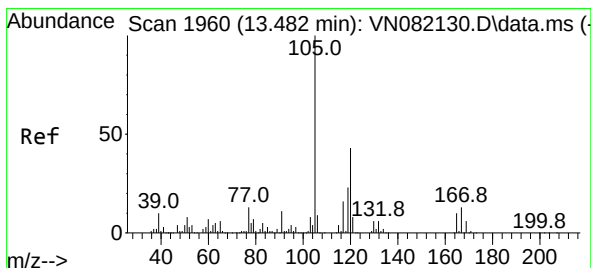
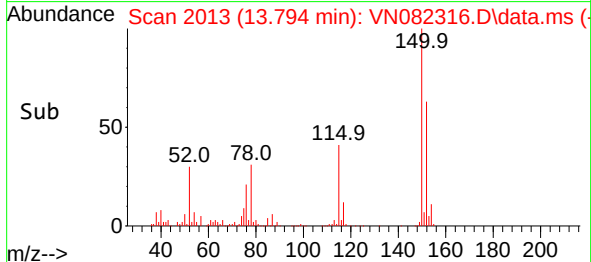
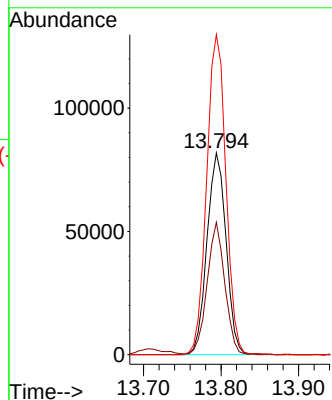
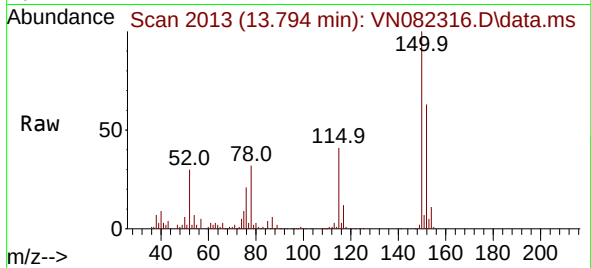




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. -0.000 min
 Lab File: VN082316.D
 Acq: 23 May 2024 13:04

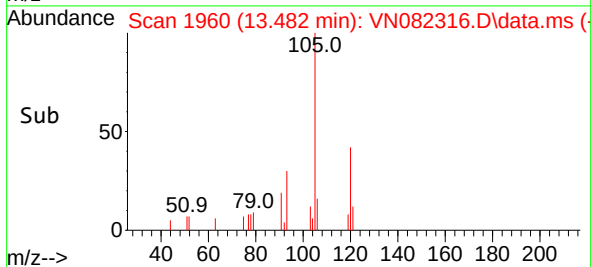
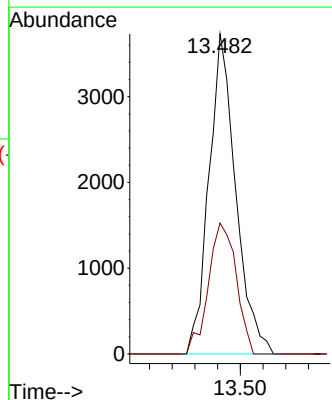
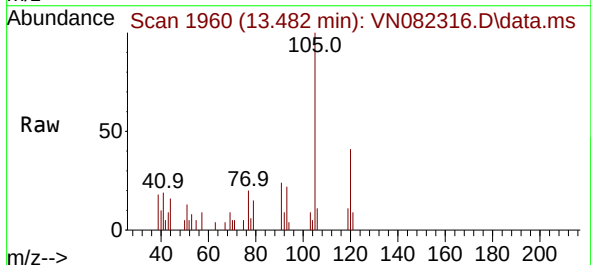
Instrument :
 MSVOA_N
 ClientSampleId :
 510-CME

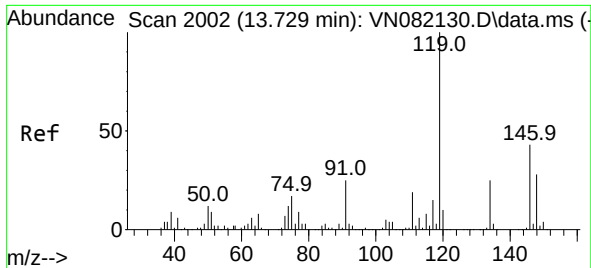
Tgt Ion:152 Resp: 140184
 Ion Ratio Lower Upper
 152 100
 115 60.6 30.4 91.3
 150 159.2 0.0 353.2



#84
 1,2,4-Trimethylbenzene
 Concen: 0.664 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. -0.000 min
 Lab File: VN082316.D
 Acq: 23 May 2024 13:04

Tgt Ion:105 Resp: 6120
 Ion Ratio Lower Upper
 105 100
 120 42.2 22.9 68.7





#86
 p-Isopropyltoluene
 Concen: 3.187 ug/l
 RT: 13.735 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN082316.D
 Acq: 23 May 2024 13:04

Instrument :
 MSVOA_N
 ClientSampleId :
 510-CME

Tgt Ion:119 Resp: 28287
 Ion Ratio Lower Upper
 119 100
 134 27.6 13.2 39.5
 91 0.0 11.8 35.3#

