

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052124\
 Data File : VN082277.D
 Acq On : 22 May 2024 06:45
 Operator : JC\MD
 Sample : P2494-17 40X
 Misc : 4.99g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 17

Quant Time: May 22 07:43:03 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)

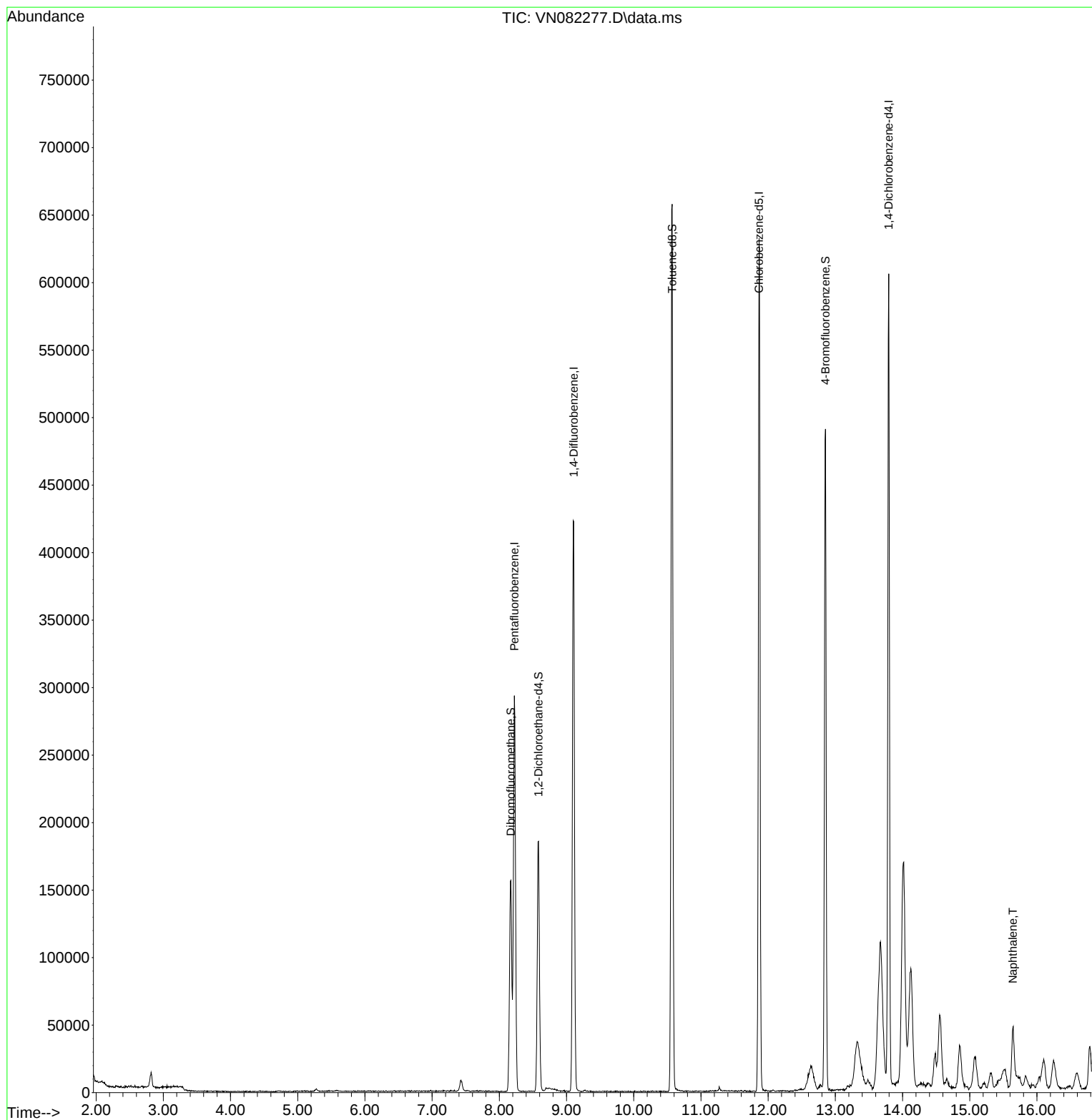
Internal Standards						
1) Pentafluorobenzene	8.224	168	200902	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	346570	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	329971	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	146924	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	156169	49.229	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.460%
35) Dibromofluoromethane	8.171	113	109970	51.582	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.160%
50) Toluene-d8	10.571	98	433326	53.015	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.020%
62) 4-Bromofluorobenzene	12.853	95	162410	55.670	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	111.340%
Target Compounds						
					Qvalue	
95) Naphthalene	15.641	128	25944	3.096	ug/l	# 86

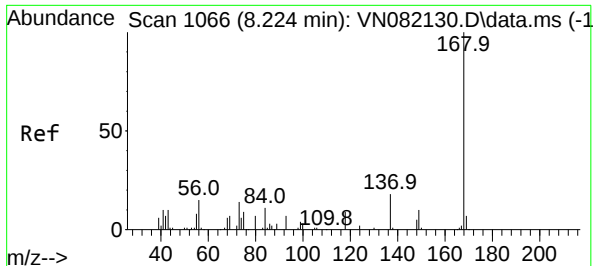
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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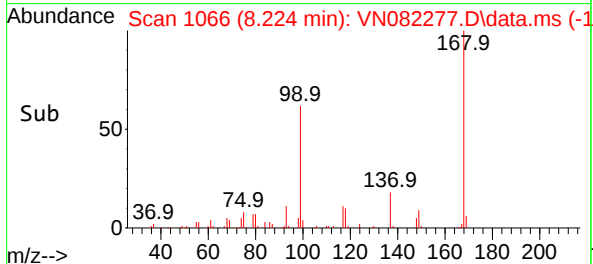
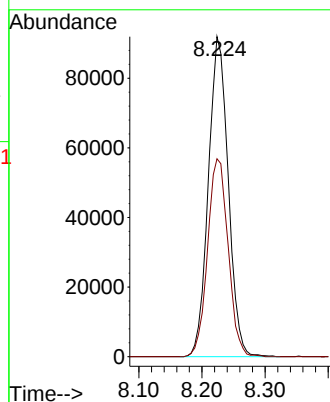
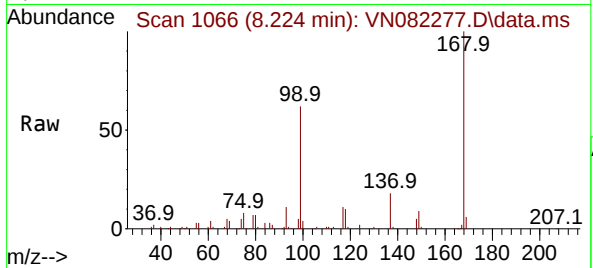




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN082277.D
Acq: 22 May 2024 06:45

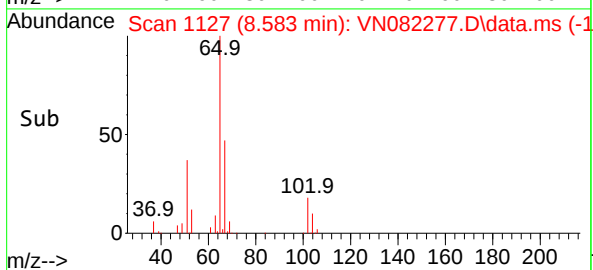
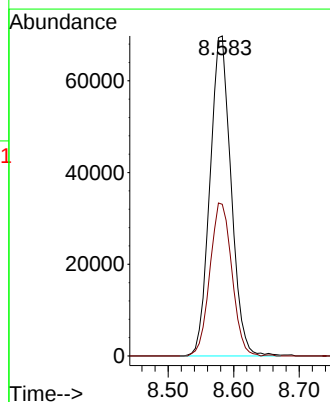
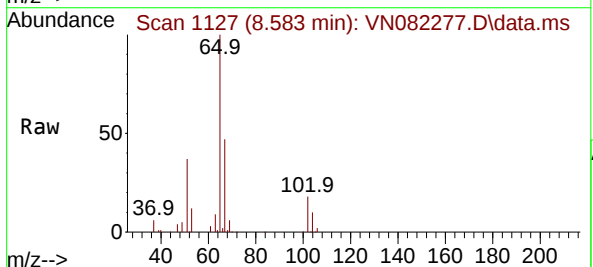
Instrument :
MSVOA_N
ClientSampleId :
17

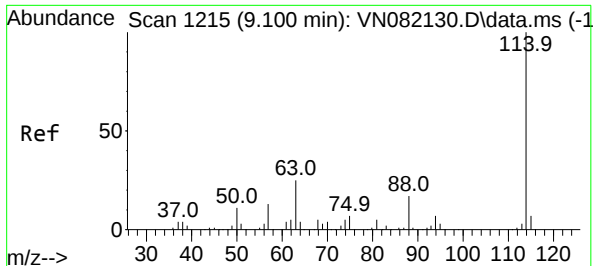
Tgt Ion:168 Resp: 200902
Ion Ratio Lower Upper
168 100
99 61.9 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 49.229 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082277.D
Acq: 22 May 2024 06:45

Tgt Ion: 65 Resp: 156169
Ion Ratio Lower Upper
65 100
67 49.6 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: VN082277.D

Acq: 22 May 2024 06:45

Instrument :

MSVOA_N

ClientSampleId :

17

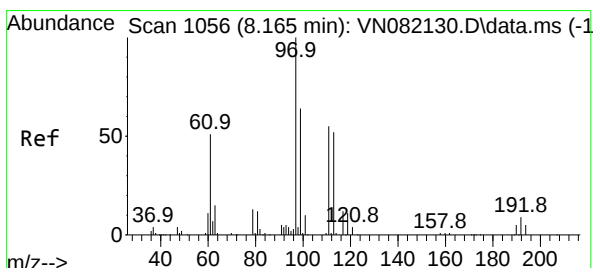
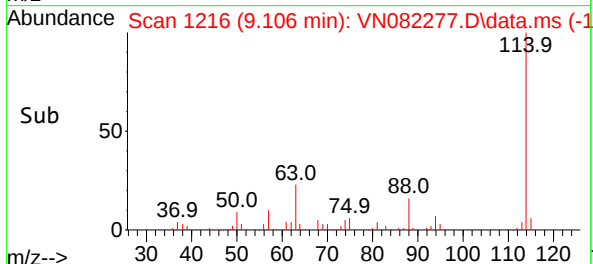
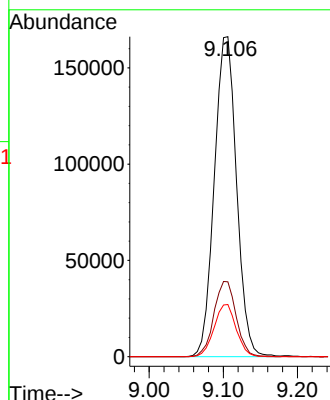
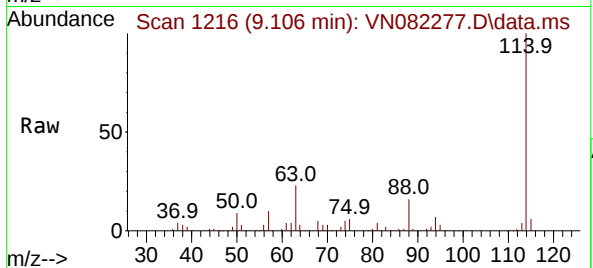
Tgt Ion:114 Resp: 346570

Ion Ratio Lower Upper

114 100

63 23.4 0.0 41.0

88 16.3 0.0 31.4



#35

Dibromofluoromethane

Concen: 51.582 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082277.D

Acq: 22 May 2024 06:45

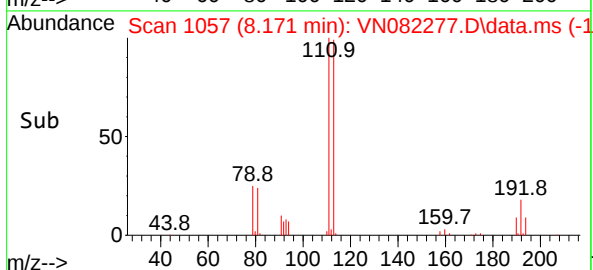
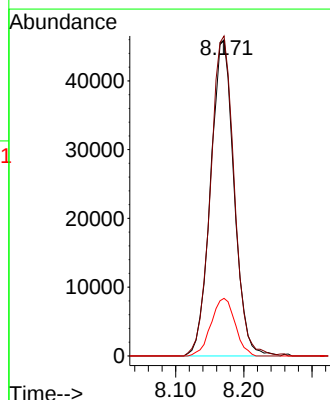
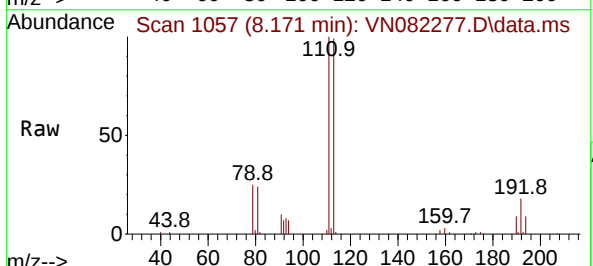
Tgt Ion:113 Resp: 109970

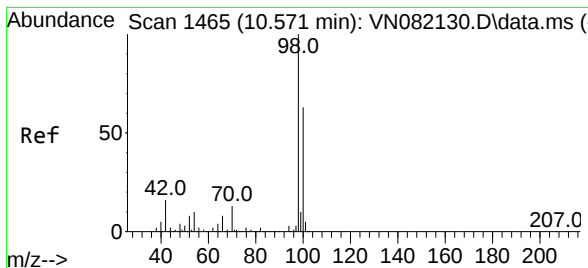
Ion Ratio Lower Upper

113 100

111 102.3 83.4 125.2

192 18.7 14.0 21.0





#50

Toluene-d8

Concen: 53.015 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN082277.D

Acq: 22 May 2024 06:45

Instrument :

MSVOA_N

ClientSampleId :

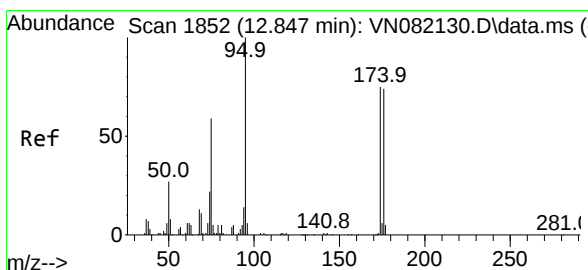
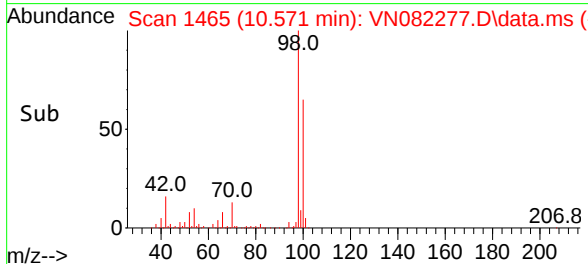
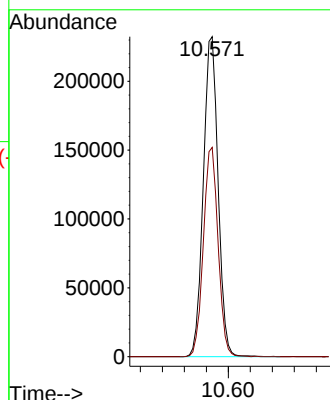
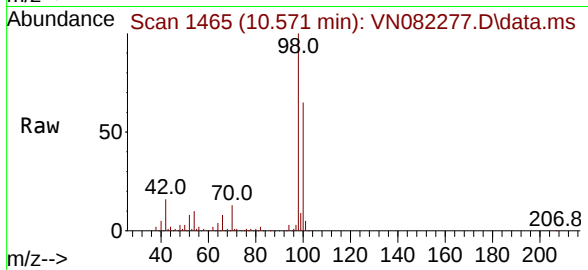
17

Tgt Ion: 98 Resp: 433326

Ion Ratio Lower Upper

98 100

100 65.1 51.8 77.6



#62

4-Bromofluorobenzene

Concen: 55.670 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VN082277.D

Acq: 22 May 2024 06:45

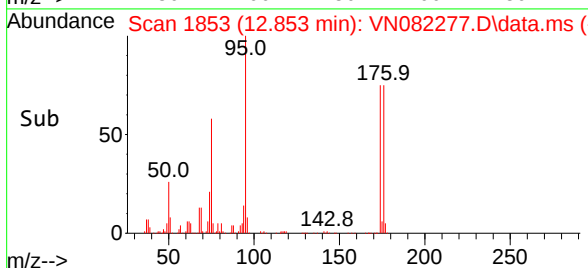
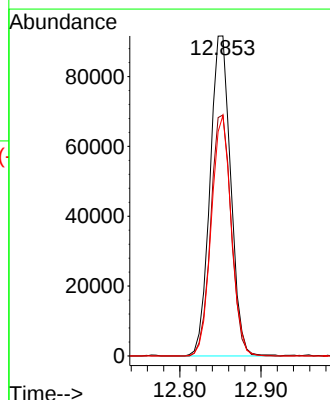
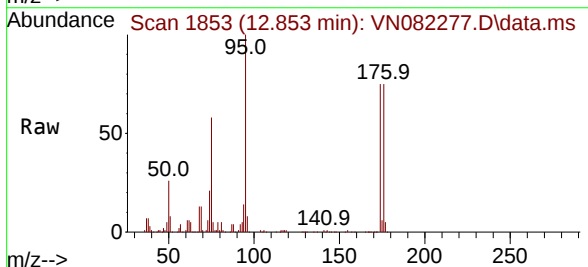
Tgt Ion: 95 Resp: 162410

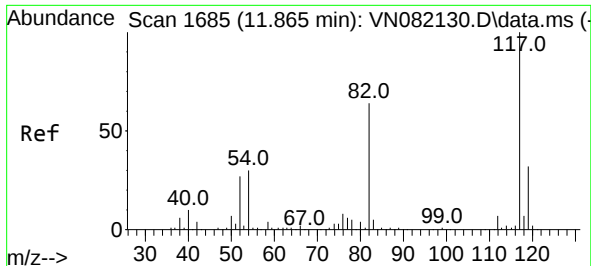
Ion Ratio Lower Upper

95 100

174 74.3 0.0 160.6

176 72.2 0.0 152.8

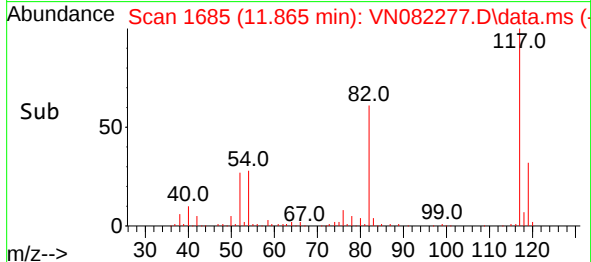
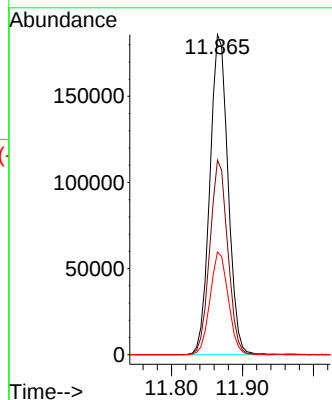
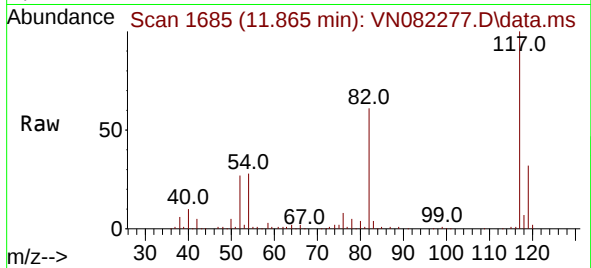




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN082277.D
Acq: 22 May 2024 06:45

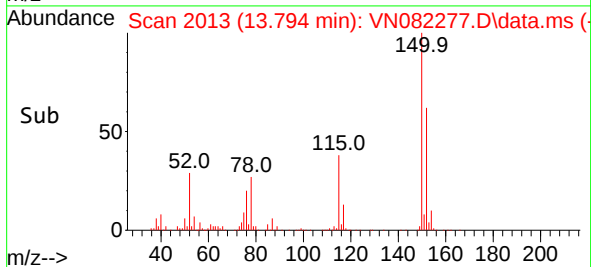
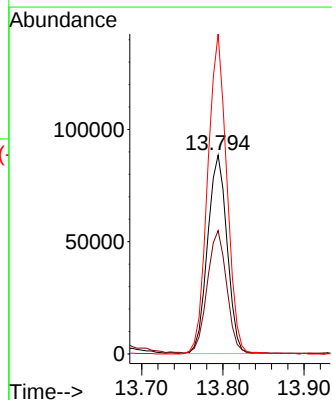
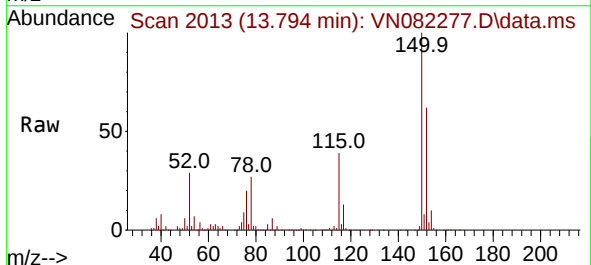
Instrument :
MSVOA_N
ClientSampleId :
17

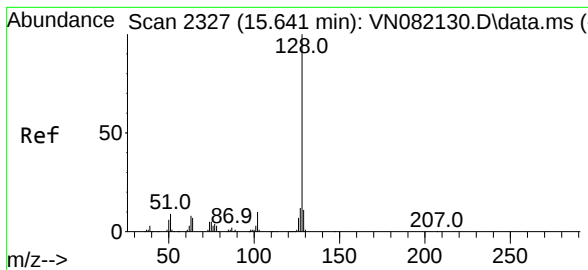
Tgt Ion:117 Resp: 329971
Ion Ratio Lower Upper
117 100
82 60.8 44.6 66.8
119 32.1 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN082277.D
Acq: 22 May 2024 06:45

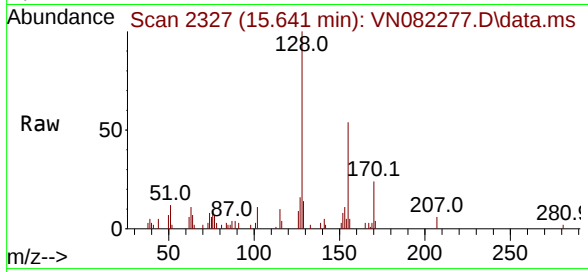
Tgt Ion:152 Resp: 146924
Ion Ratio Lower Upper
152 100
115 61.8 30.4 91.3
150 158.2 0.0 353.2





#95
Naphthalene
Concen: 3.096 ug/l
RT: 15.641 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN082277.D
Acq: 22 May 2024 06:45

Instrument :
MSVOA_N
ClientSampleId :
17



Tgt Ion:	128	Resp:	25944
Ion	Ratio	Lower	Upper
128	100		
127	17.1	10.1	15.1#
129	17.5	8.9	13.3#

