

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052924\
 Data File : VN082376.D
 Acq On : 29 May 2024 17:29
 Operator : JC\MD
 Sample : P2609-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 414

Quant Time: May 30 05:46:25 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)

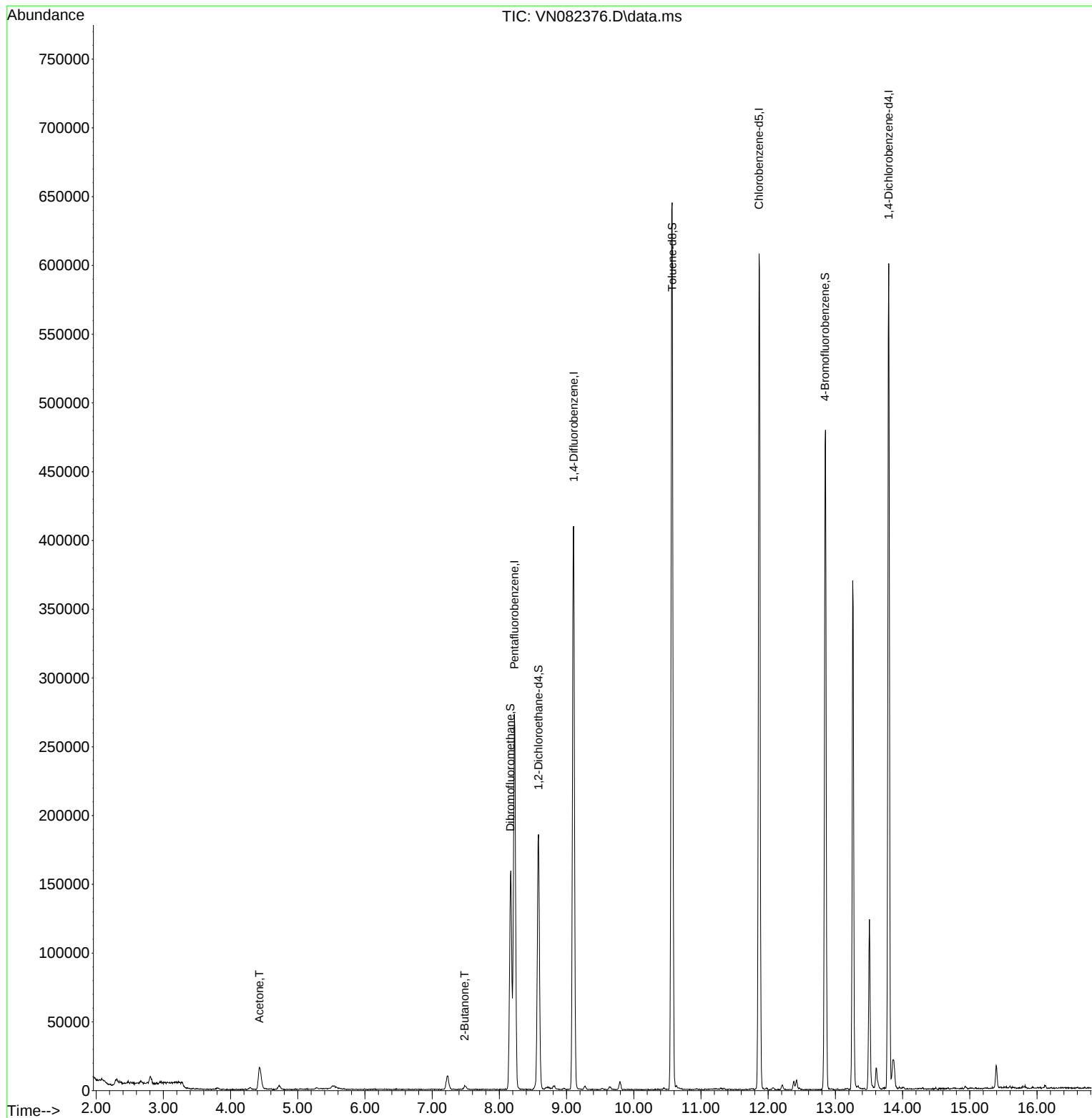
Internal Standards						
1) Pentafluorobenzene	8.224	168	187668	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	333885	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	321194	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	150731	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	155187	52.369	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.740%	
35) Dibromofluoromethane	8.165	113	108612	52.881	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.760%	
50) Toluene-d8	10.571	98	426541	54.167	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 108.340%	
62) 4-Bromofluorobenzene	12.847	95	156416	55.652	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 111.300%	
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	32386	26.642	ug/l	92
25) 2-Butanone	7.483	43	4796	2.602	ug/l	91

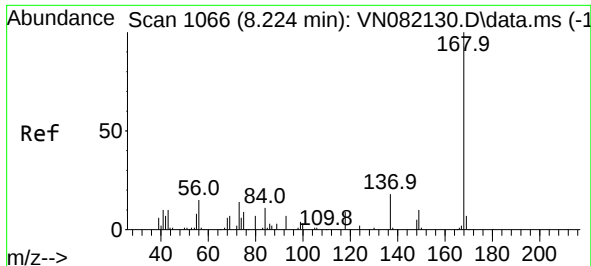
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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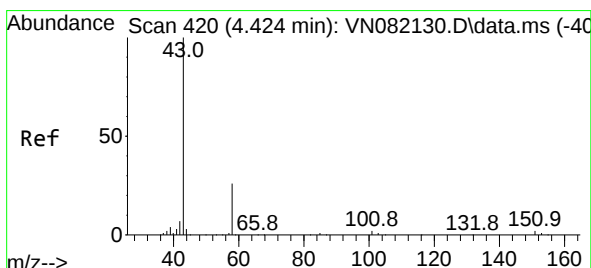
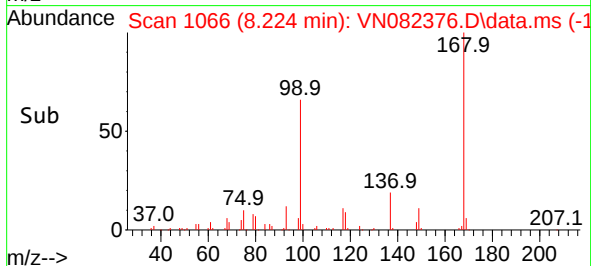
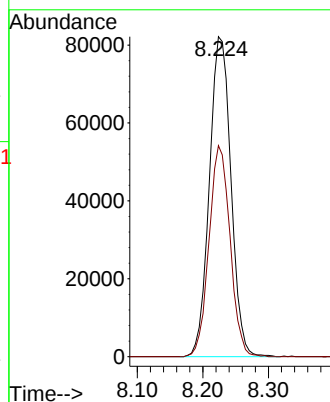
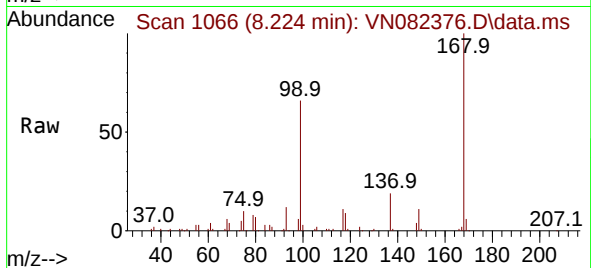




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN082376.D
Acq: 29 May 2024 17:29

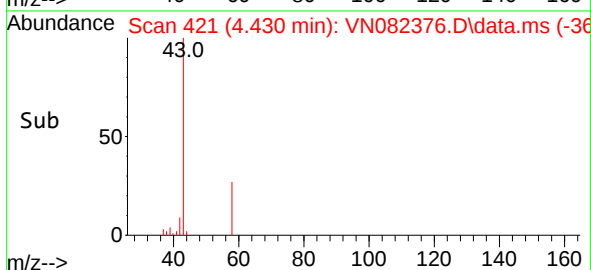
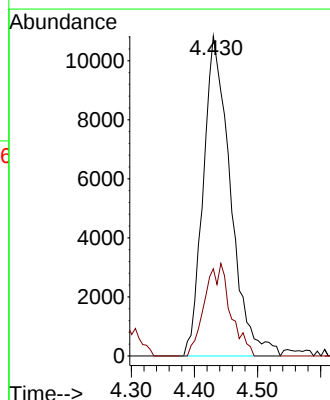
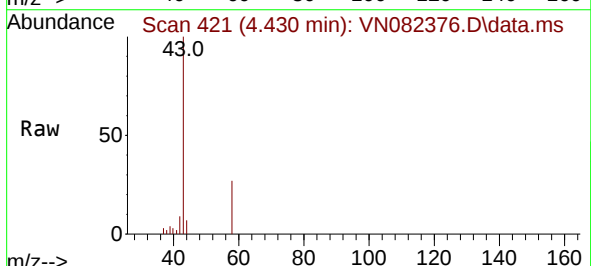
Instrument :
MSVOA_N
ClientSampleId :
414

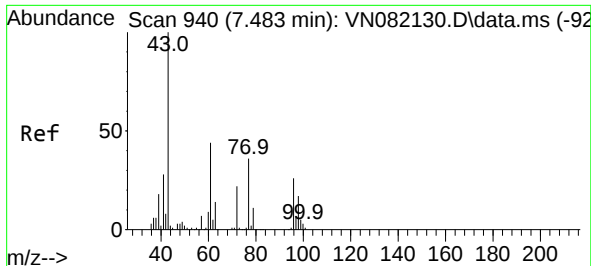
Tgt Ion:168 Resp: 187668
Ion Ratio Lower Upper
168 100
99 66.0 48.2 72.4



#16
Acetone
Concen: 26.642 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN082376.D
Acq: 29 May 2024 17:29

Tgt Ion: 43 Resp: 32386
Ion Ratio Lower Upper
43 100
58 27.3 25.2 37.8

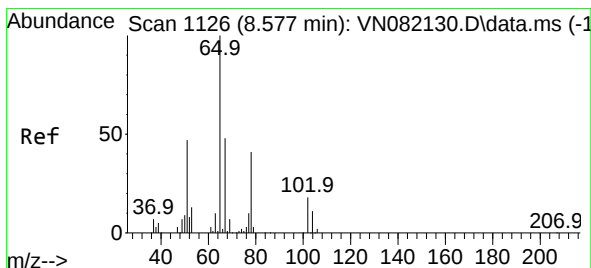
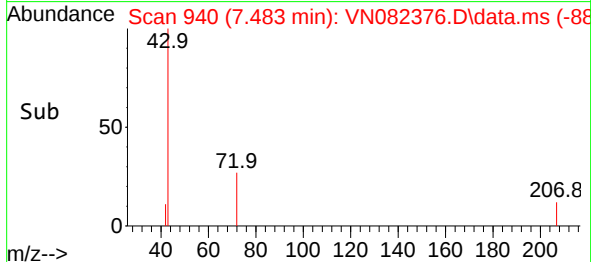
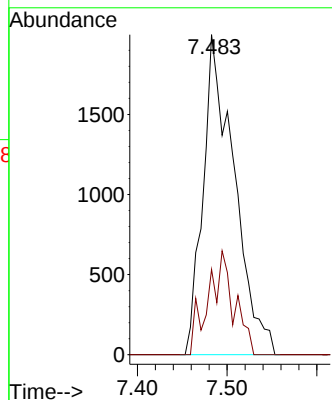
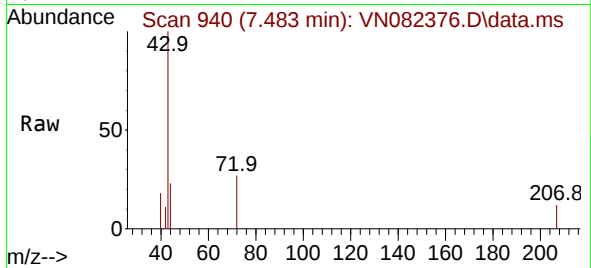




#25
2-Butanone
Concen: 2.602 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN082376.D
Acq: 29 May 2024 17:29

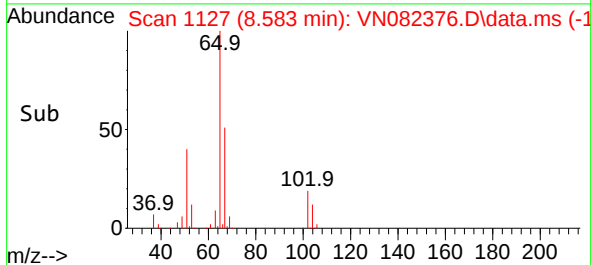
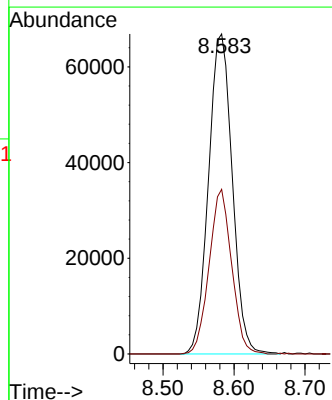
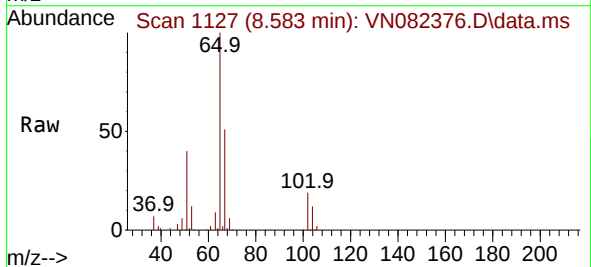
Instrument :
MSVOA_N
ClientSampleId :
414

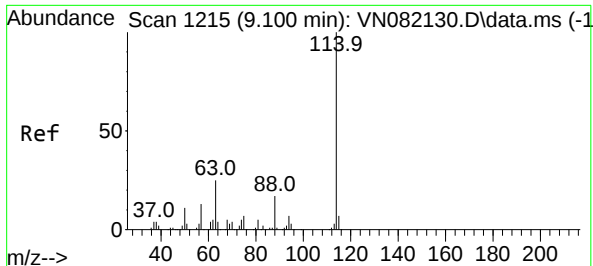
Tgt Ion: 43 Resp: 4796
Ion Ratio Lower Upper
43 100
72 26.6 25.3 37.9



#33
1,2-Dichloroethane-d4
Concen: 52.369 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082376.D
Acq: 29 May 2024 17:29

Tgt Ion: 65 Resp: 155187
Ion Ratio Lower Upper
65 100
67 48.8 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 114

Delta R.T. 0.006 min

Lab File: VN082376.D

Acq: 29 May 2024 17:29

Instrument :

MSVOA_N

ClientSampleId :

414

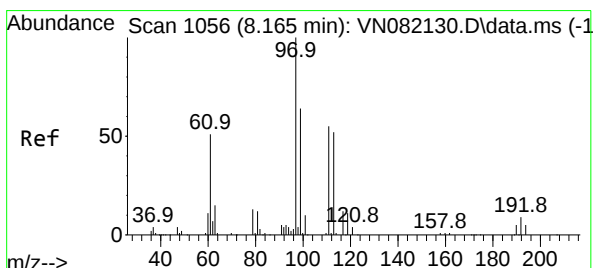
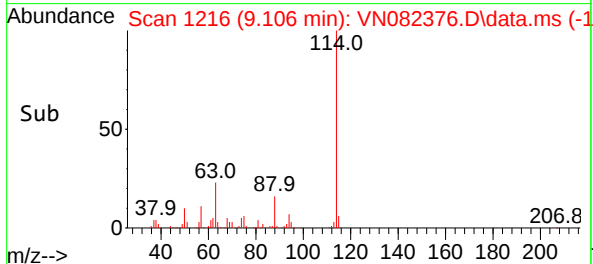
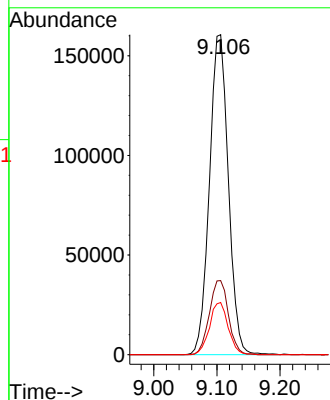
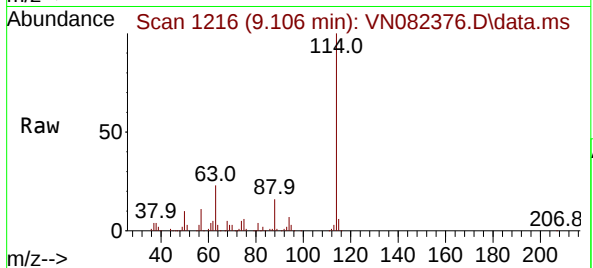
Tgt Ion:114 Resp: 333885

Ion Ratio Lower Upper

114 100

63 23.2 0.0 41.0

88 16.3 0.0 31.4



#35

Dibromofluoromethane

Concen: 52.881 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN082376.D

Acq: 29 May 2024 17:29

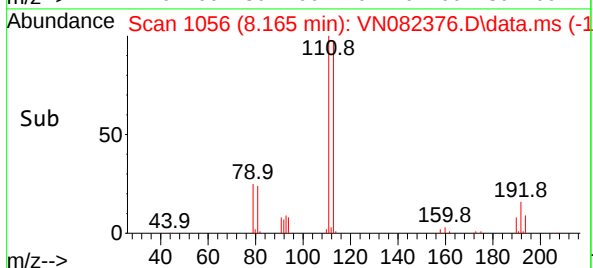
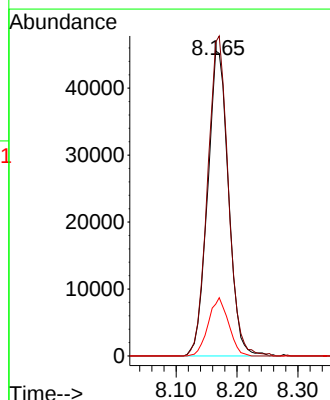
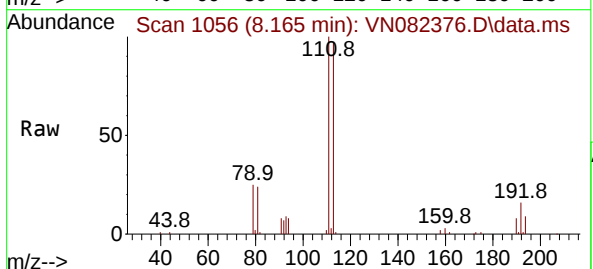
Tgt Ion:113 Resp: 108612

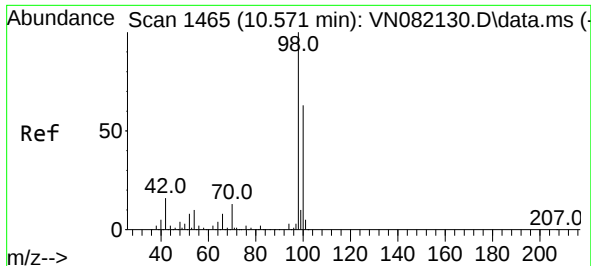
Ion Ratio Lower Upper

113 100

111 103.8 83.4 125.2

192 18.5 14.0 21.0

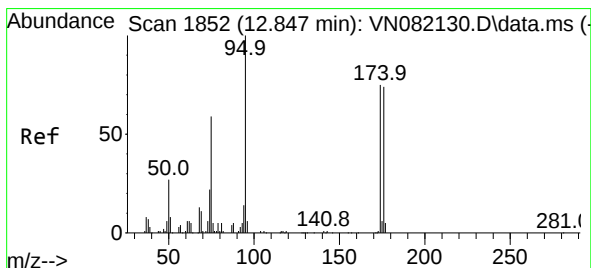
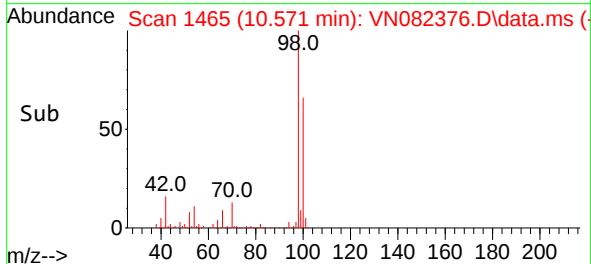
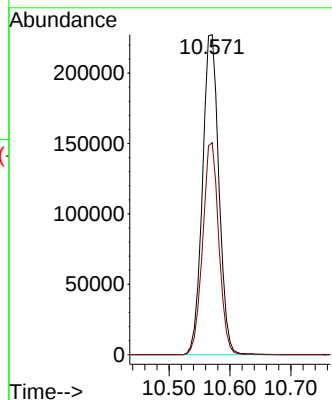
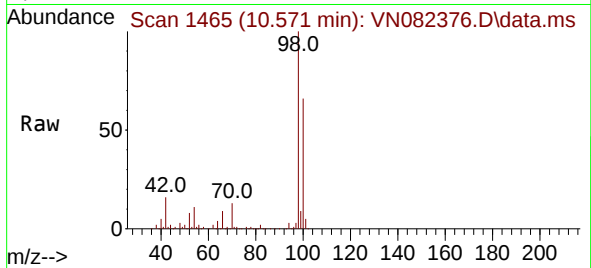




#50
Toluene-d8
Concen: 54.167 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082376.D
Acq: 29 May 2024 17:29

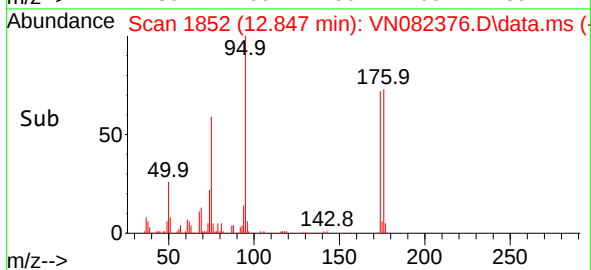
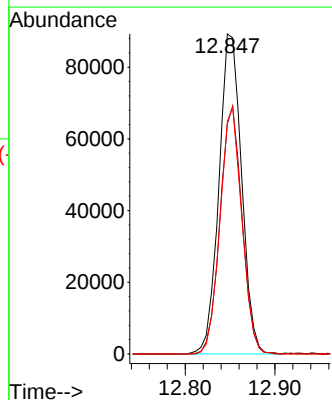
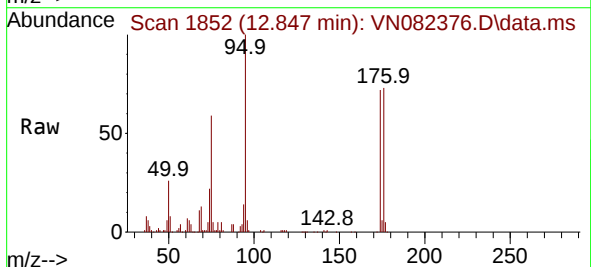
Instrument :
MSVOA_N
ClientSampleId :
414

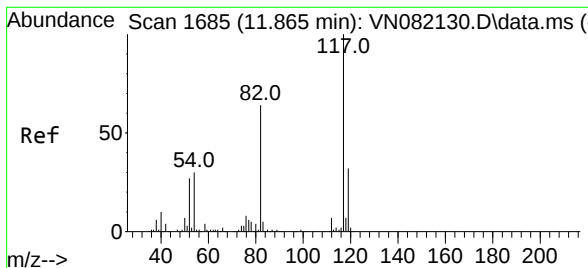
Tgt Ion: 98 Resp: 426541
Ion Ratio Lower Upper
98 100
100 65.0 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 55.652 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN082376.D
Acq: 29 May 2024 17:29

Tgt Ion: 95 Resp: 156416
Ion Ratio Lower Upper
95 100
174 75.0 0.0 160.6
176 74.1 0.0 152.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN082376.D

Acq: 29 May 2024 17:29

Instrument :

MSVOA_N

ClientSampleId :

414

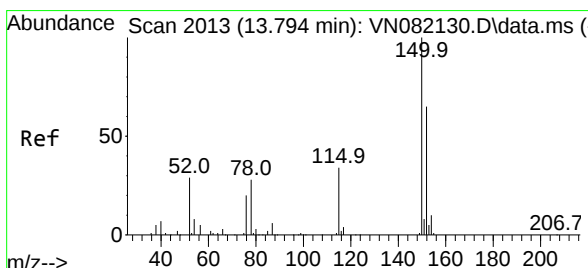
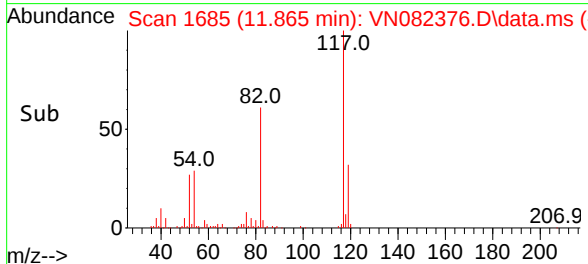
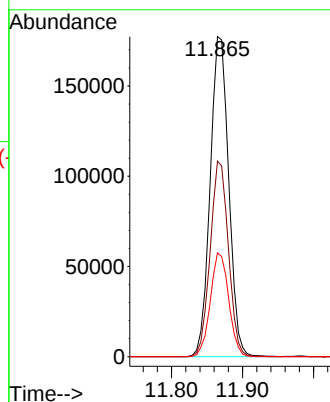
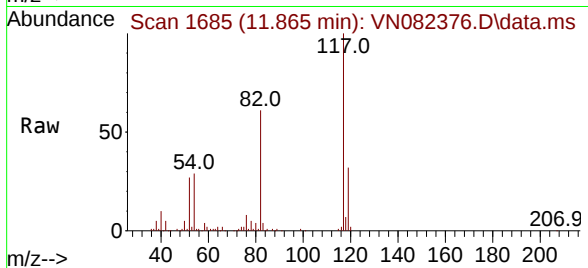
Tgt Ion:117 Resp: 321194

Ion Ratio Lower Upper

117 100

82 61.1 44.6 66.8

119 32.5 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: VN082376.D

Acq: 29 May 2024 17:29

Tgt Ion:152 Resp: 150731

Ion Ratio Lower Upper

152 100

115 59.0 30.4 91.3

150 153.3 0.0 353.2

