

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031224\
 Data File : VN081377.D
 Acq On : 12 Mar 2024 17:02
 Operator : JC\MD
 Sample : P1734-05 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1342

Quant Time: Mar 13 04:54:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 06 03:12:57 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

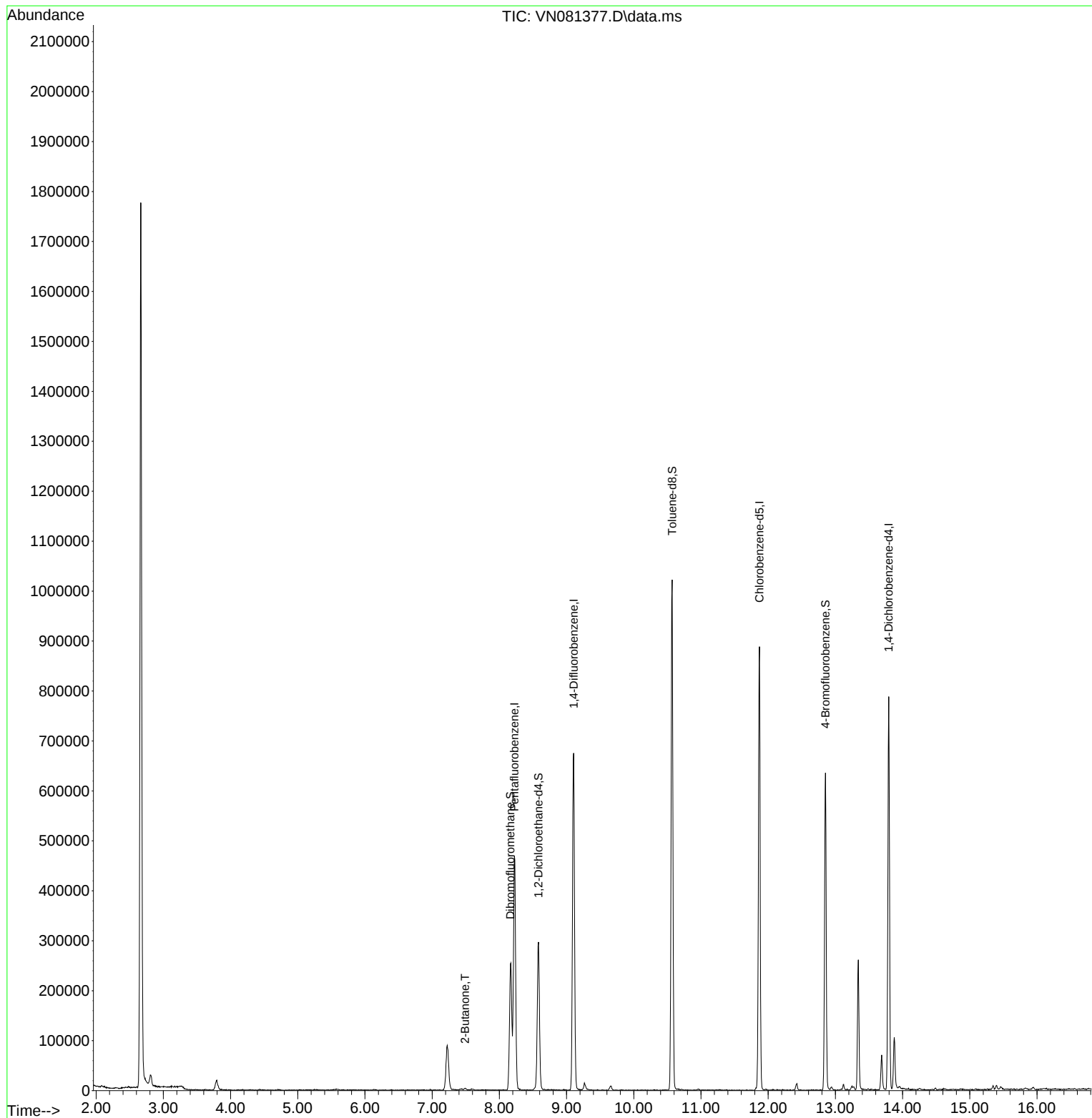
Internal Standards						
1) Pentafluorobenzene	8.224	168	319828	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	581842	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	488309	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	196068	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	240090	51.919	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	103.840%
35) Dibromofluoromethane	8.165	113	181168	50.822	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.640%
50) Toluene-d8	10.571	98	680194	51.043	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.080%
62) 4-Bromofluorobenzene	12.853	95	215950	45.850	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	91.700%
Target Compounds						
25) 2-Butanone	7.488	43	5617	2.047	ug/l	Qvalue # 85

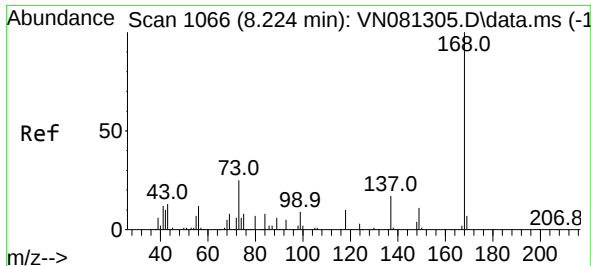
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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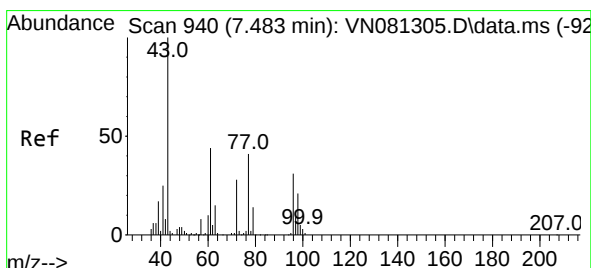
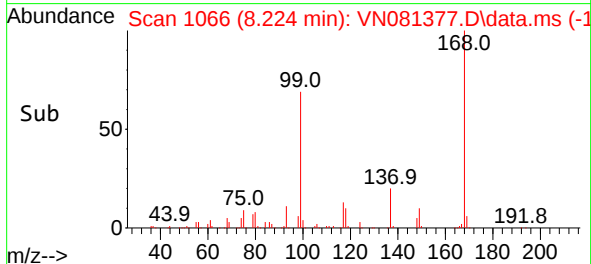
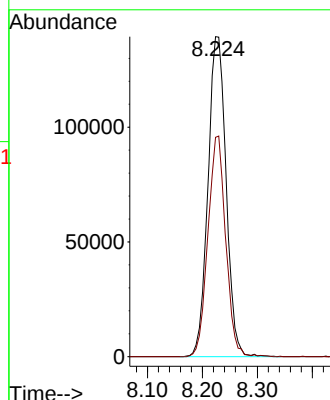
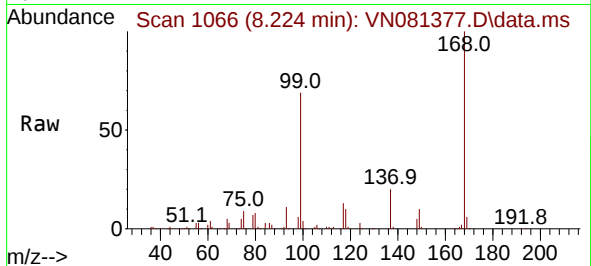




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081377.D
Acq: 12 Mar 2024 17:02

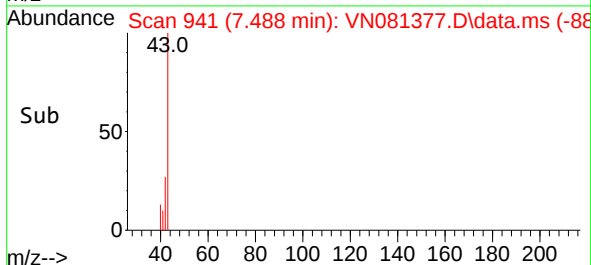
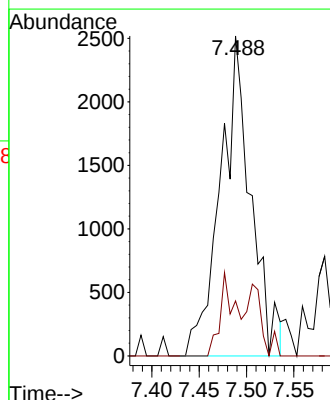
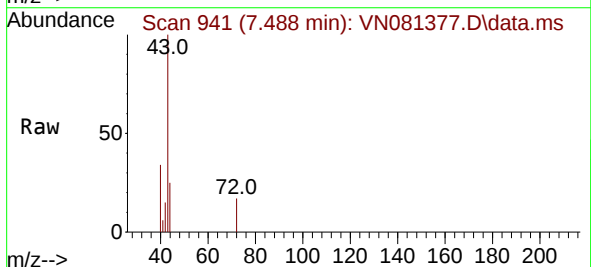
Instrument :
MSVOA_N
ClientSampleId :
1342

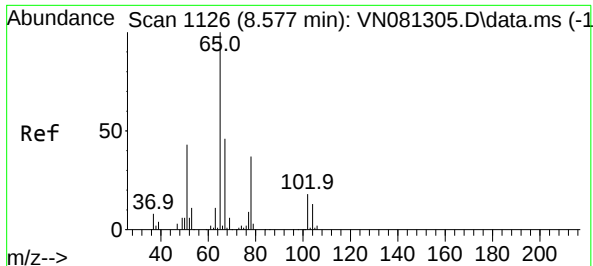
Tgt Ion:168 Resp: 319828
Ion Ratio Lower Upper
168 100
99 68.6 59.9 89.9



#25
2-Butanone
Concen: 2.047 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN081377.D
Acq: 12 Mar 2024 17:02

Tgt Ion: 43 Resp: 5617
Ion Ratio Lower Upper
43 100
72 17.2 19.5 29.3#





#33

1,2-Dichloroethane-d4

Concen: 51.919 ug/l

RT: 8.583 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN081377.D

Acq: 12 Mar 2024 17:02

Instrument :

MSVOA_N

ClientSampleId :

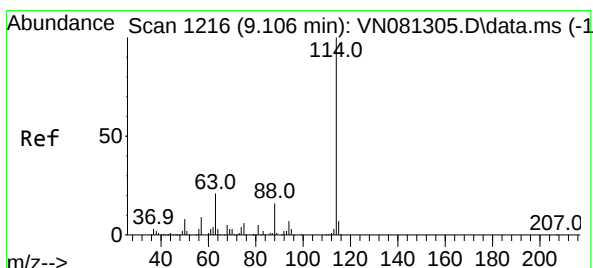
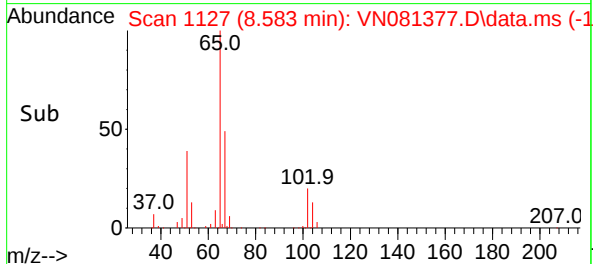
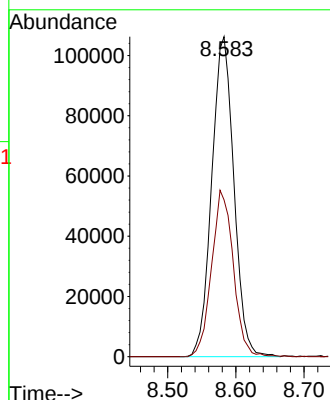
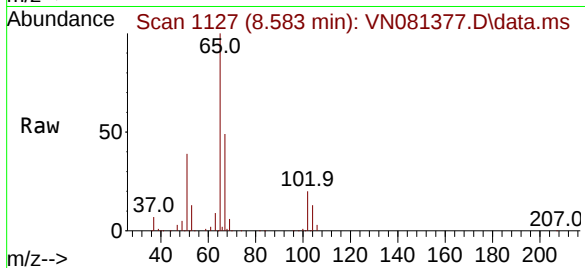
1342

Tgt Ion: 65 Resp: 240090

Ion Ratio Lower Upper

65 100

67 51.2 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN081377.D

Acq: 12 Mar 2024 17:02

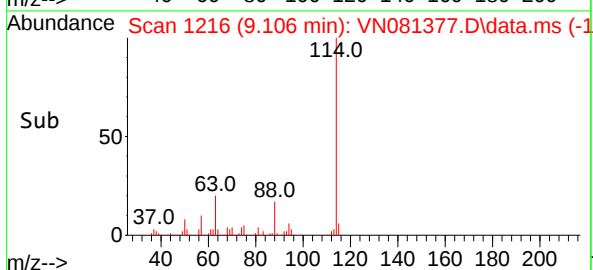
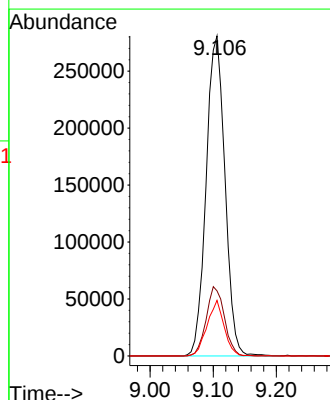
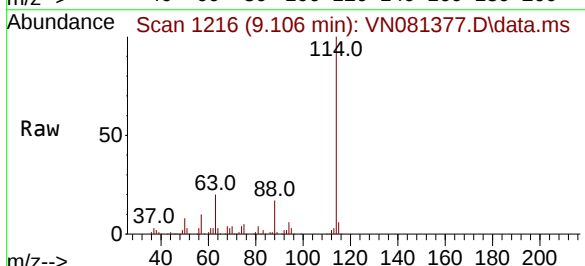
Tgt Ion: 114 Resp: 581842

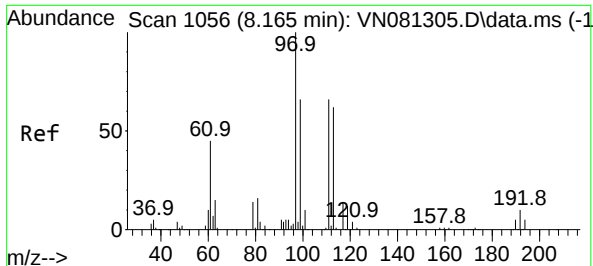
Ion Ratio Lower Upper

114 100

63 20.3 0.0 48.0

88 17.4 0.0 34.8





#35

Dibromofluoromethane

Concen: 50.822 ug/l

RT: 8.165 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN081377.D

Acq: 12 Mar 2024 17:02

Instrument :

MSVOA_N

ClientSampleId :

1342

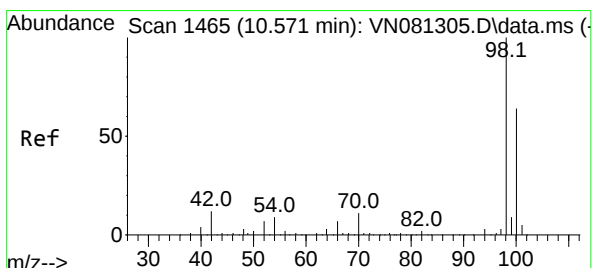
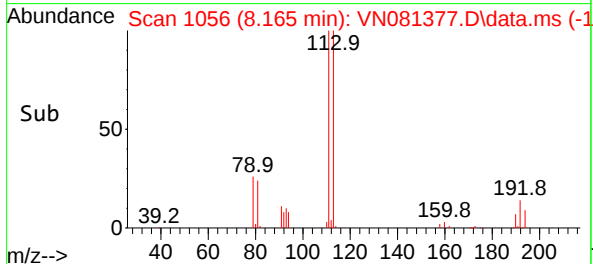
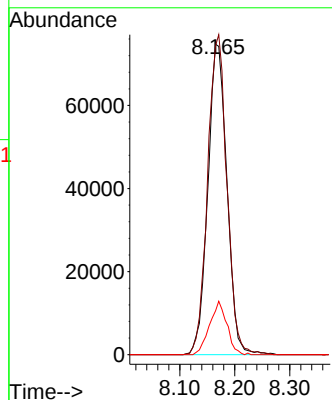
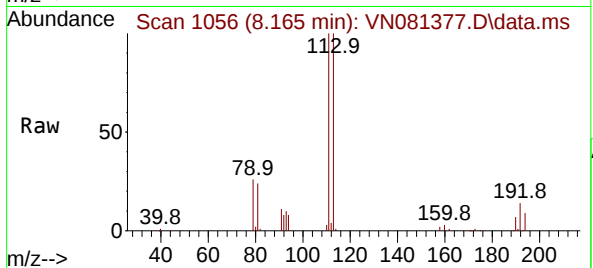
Tgt Ion:113 Resp: 181168

Ion Ratio Lower Upper

113 100

111 103.4 82.2 123.4

192 15.6 12.5 18.7



#50

Toluene-d8

Concen: 51.043 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN081377.D

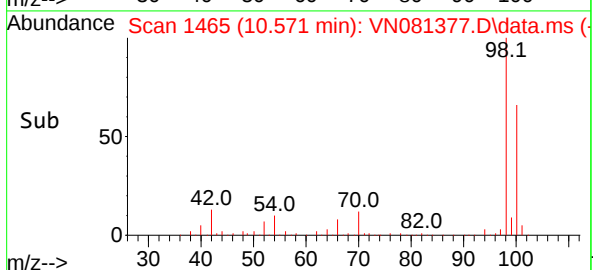
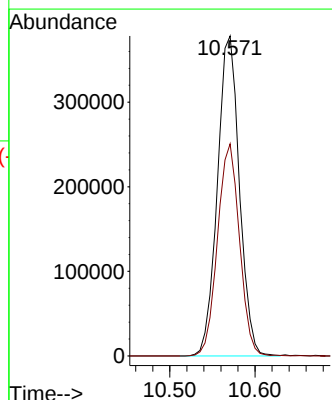
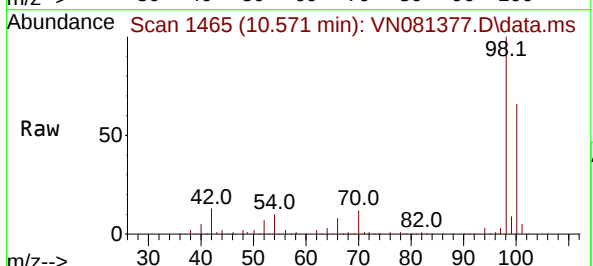
Acq: 12 Mar 2024 17:02

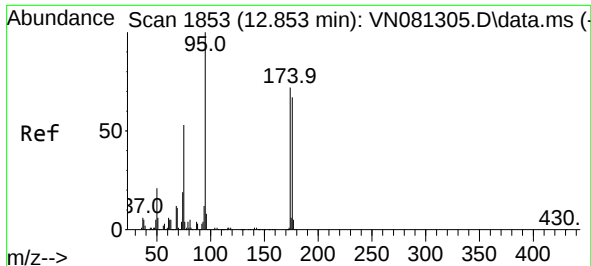
Tgt Ion: 98 Resp: 680194

Ion Ratio Lower Upper

98 100

100 66.1 51.4 77.0

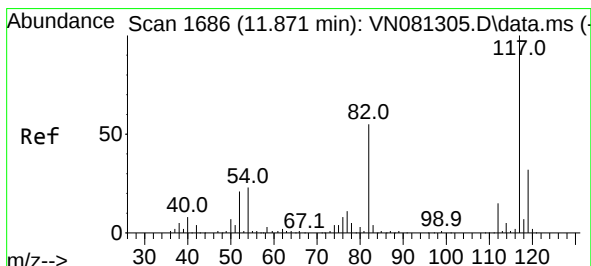
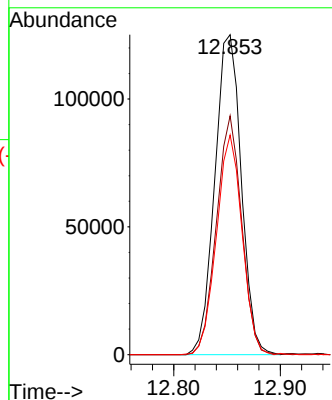
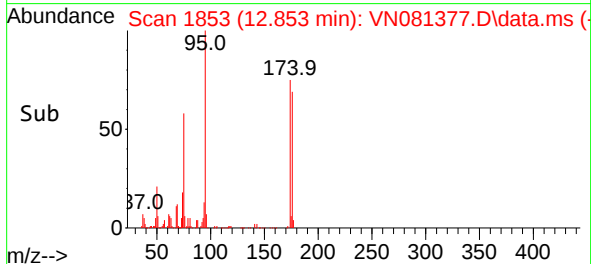
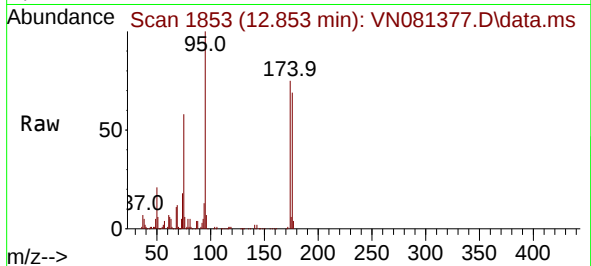




#62
4-Bromofluorobenzene
Concen: 45.850 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081377.D
Acq: 12 Mar 2024 17:02

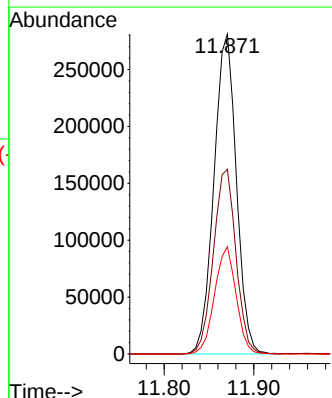
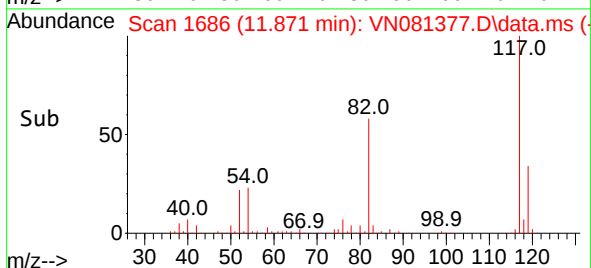
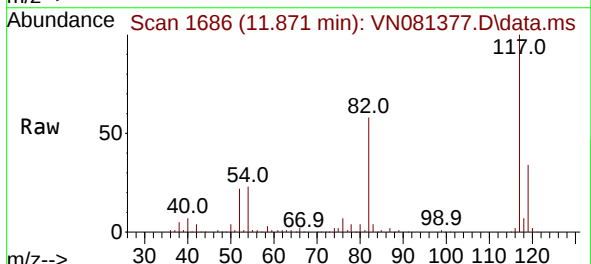
Instrument :
MSVOA_N
ClientSampleId :
1342

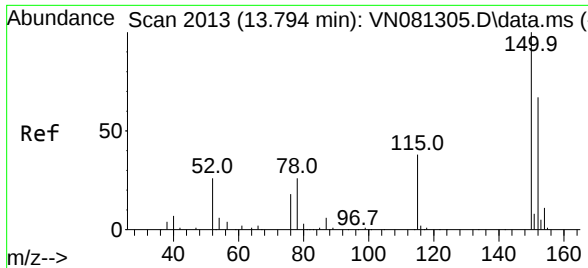
Tgt Ion: 95 Resp: 215950
Ion Ratio Lower Upper
95 100
174 71.1 0.0 120.4
176 66.5 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN081377.D
Acq: 12 Mar 2024 17:02

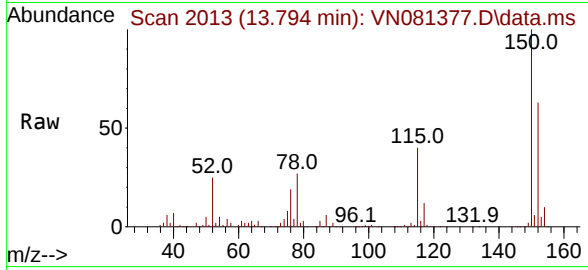
Tgt Ion: 117 Resp: 488309
Ion Ratio Lower Upper
117 100
82 57.8 52.7 79.1
119 33.5 25.3 37.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN081377.D
 Acq: 12 Mar 2024 17:02

Instrument :
 MSVOA_N
 ClientSampleId :
 1342



Tgt Ion:	152	Resp:	196068
Ion	Ratio	Lower	Upper
152	100		
115	63.1	32.3	96.8
150	156.6	0.0	339.8

