

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN073024\
 Data File : VN083079.D
 Acq On : 30 Jul 2024 19:53
 Operator : JC\MD
 Sample : PB162353ZHE#14
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB162353ZHE#14

Quant Time: Jul 31 06:08:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

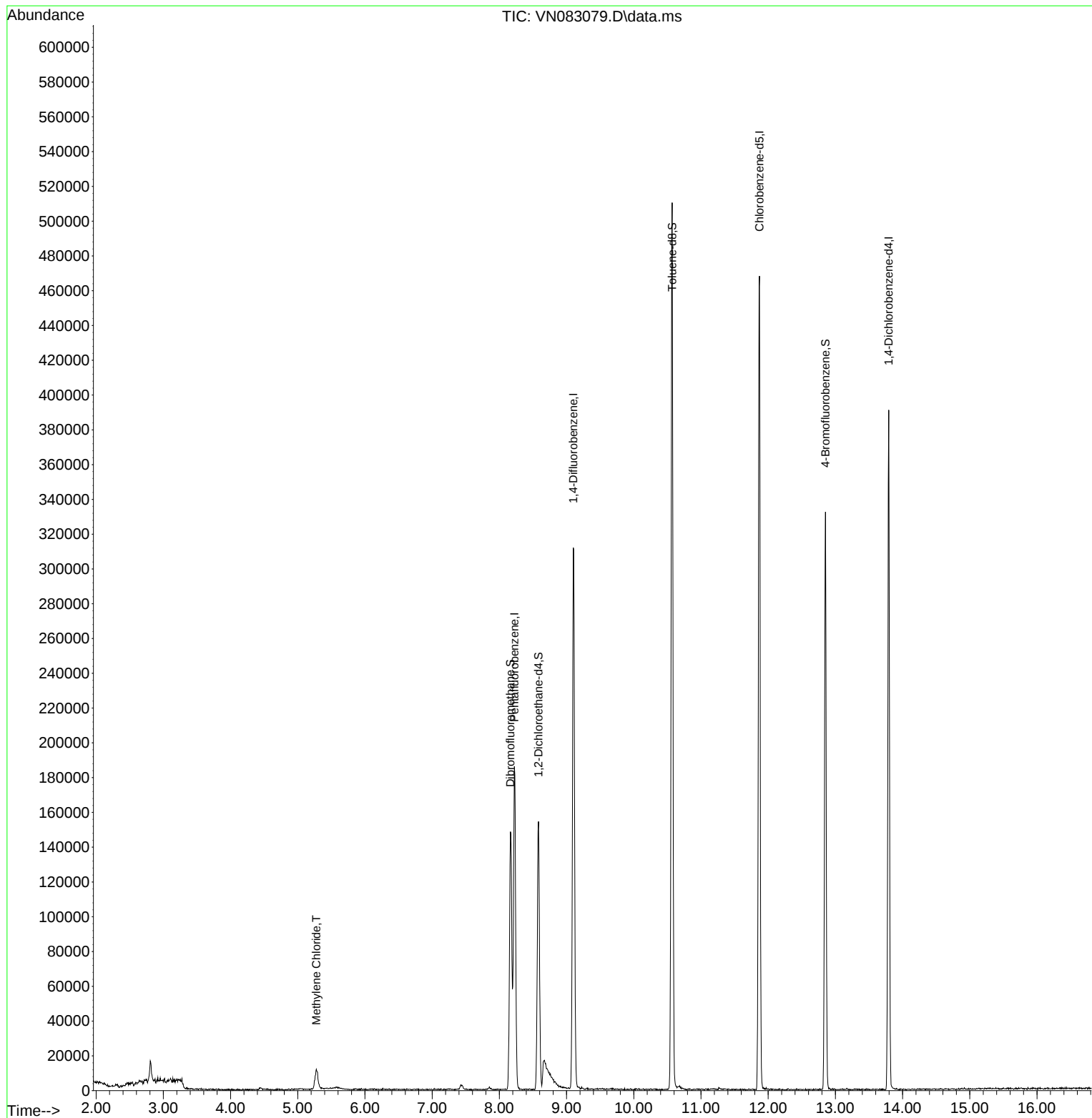
Internal Standards						
1) Pentafluorobenzene	8.224	168	128050	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	263821	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	267219	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	94861	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	126827	70.656	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	141.320%#
35) Dibromofluoromethane	8.165	113	106500	62.911	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	125.820%#
50) Toluene-d8	10.571	98	341852	54.674	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	109.340%
62) 4-Bromofluorobenzene	12.853	95	99637	44.362	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	88.720%
Target Compounds						
						Qvalue
20) Methylene Chloride	5.277	84	9260	6.067	ug/l #	77

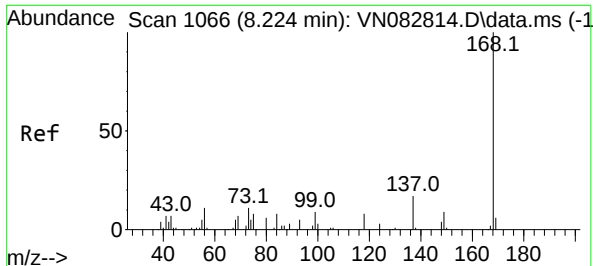
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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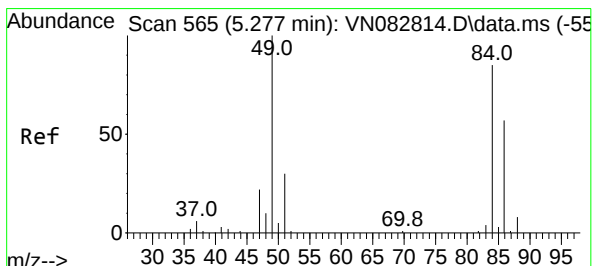
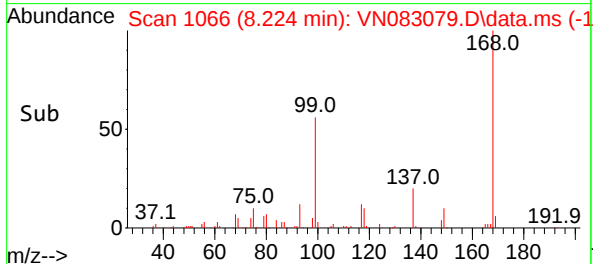
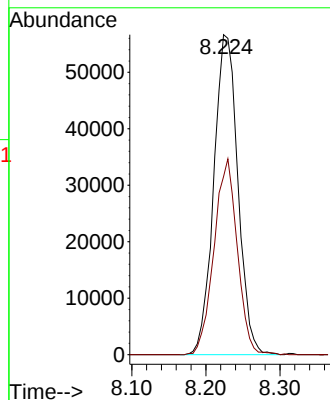
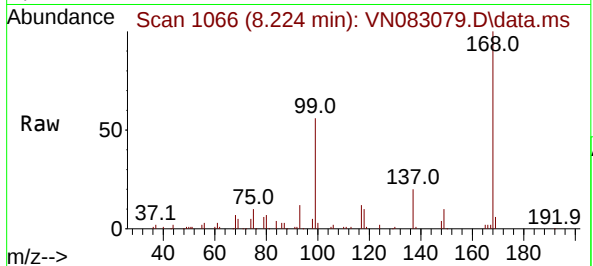




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN083079.D
Acq: 30 Jul 2024 19:53

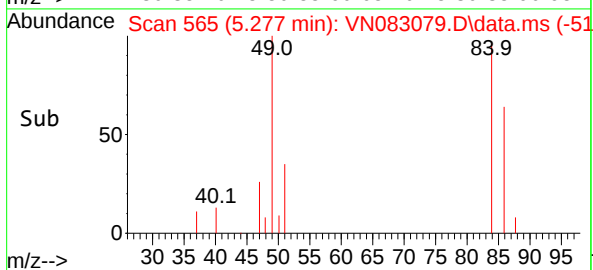
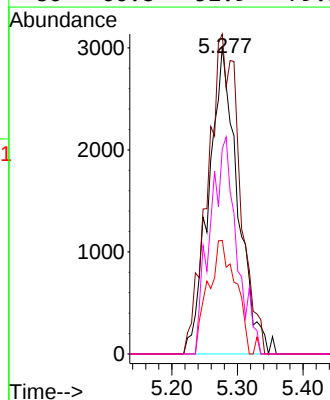
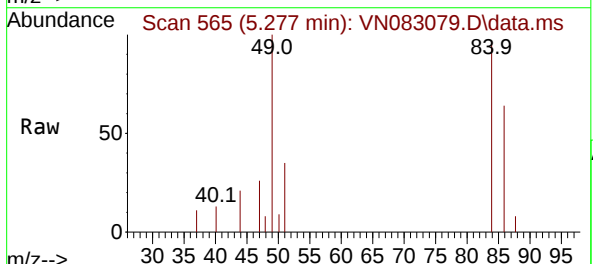
Instrument :
MSVOA_N
ClientSampleId :
PB162353ZHE#14

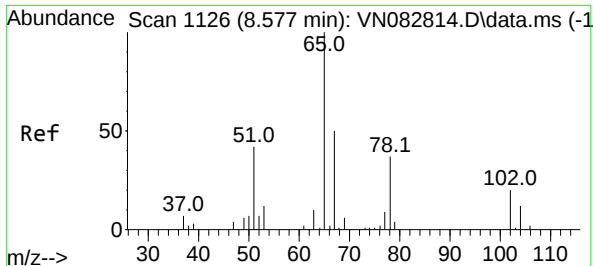
Tgt Ion:168 Resp: 128050
Ion Ratio Lower Upper
168 100
99 55.6 48.2 72.4



#20
Methylene Chloride
Concen: 6.067 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN083079.D
Acq: 30 Jul 2024 19:53

Tgt Ion: 84 Resp: 9260
Ion Ratio Lower Upper
84 100
49 104.2 119.6 179.4#
51 37.0 34.8 52.2
86 66.8 52.9 79.3





#33

1,2-Dichloroethane-d4

Concen: 70.656 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.001 min

Lab File: VN083079.D

Acq: 30 Jul 2024 19:53

Instrument :

MSVOA_N

ClientSampleId :

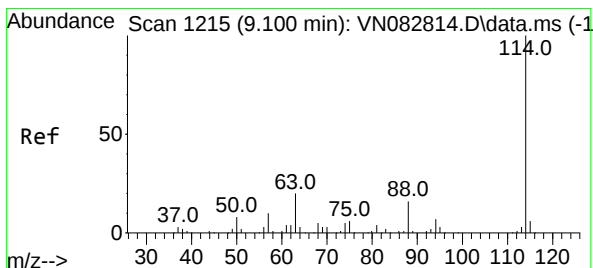
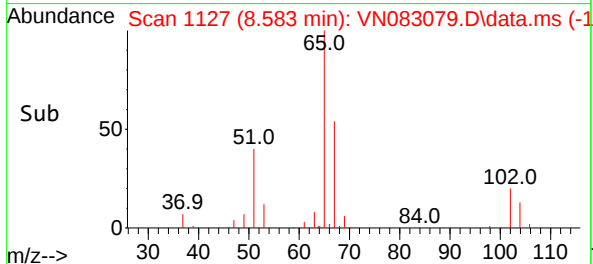
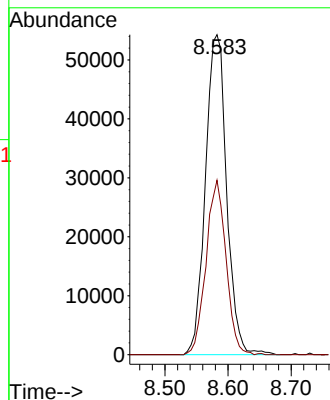
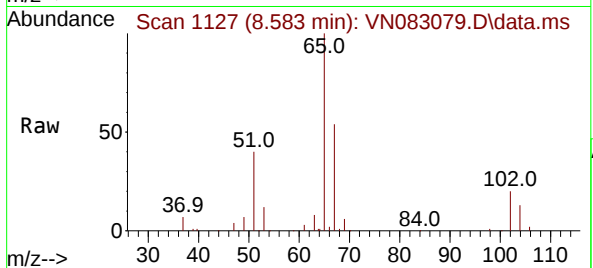
PB162353ZHE#14

Tgt Ion: 65 Resp: 126827

Ion Ratio Lower Upper

65 100

67 51.3 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN083079.D

Acq: 30 Jul 2024 19:53

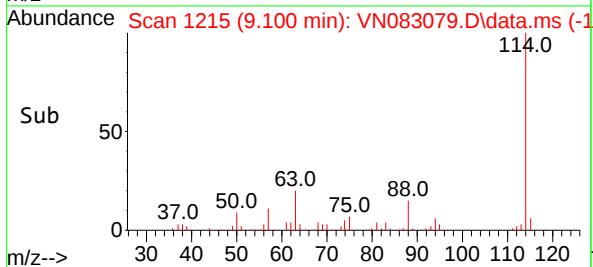
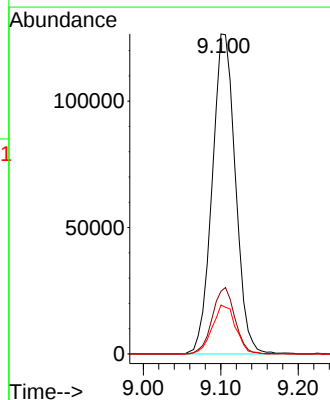
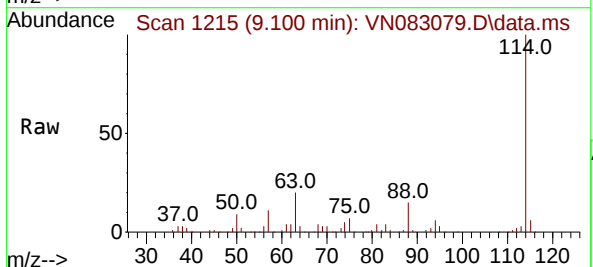
Tgt Ion: 114 Resp: 263821

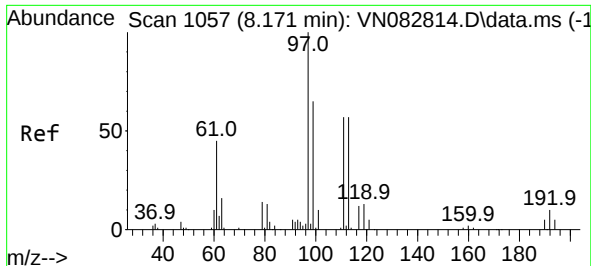
Ion Ratio Lower Upper

114 100

63 19.6 0.0 44.6

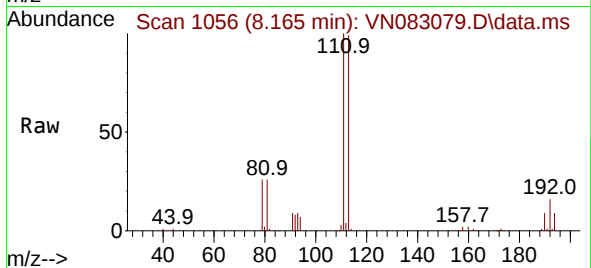
88 15.3 0.0 31.4





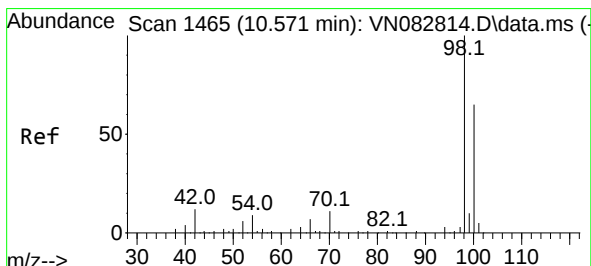
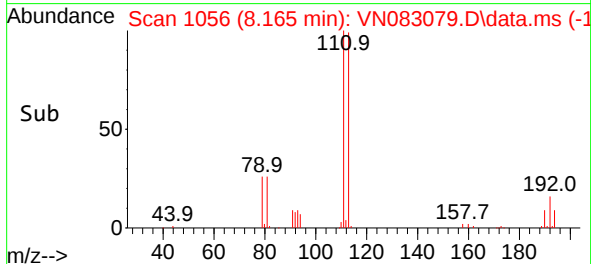
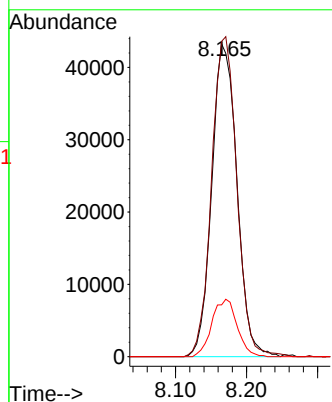
#35
 Dibromofluoromethane
 Concen: 62.911 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. -0.000 min
 Lab File: VN083079.D
 Acq: 30 Jul 2024 19:53

Instrument :
 MSVOA_N
 ClientSampleId :
 PB162353ZHE#14



Tgt Ion:113 Resp: 106500

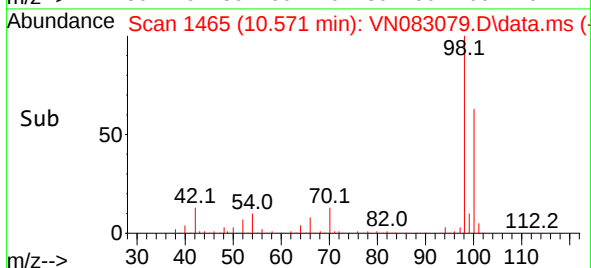
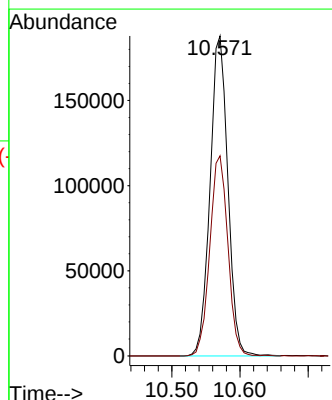
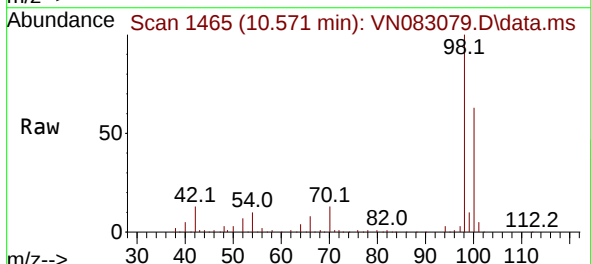
Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.4	123.6
192	18.4	14.9	22.3

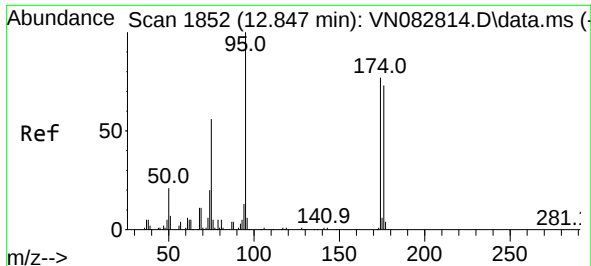


#50
 Toluene-d8
 Concen: 54.674 ug/l
 RT: 10.571 min Scan# 1465
 Delta R.T. 0.001 min
 Lab File: VN083079.D
 Acq: 30 Jul 2024 19:53

Tgt Ion: 98 Resp: 341852

Ion	Ratio	Lower	Upper
98	100		
100	63.5	51.5	77.3

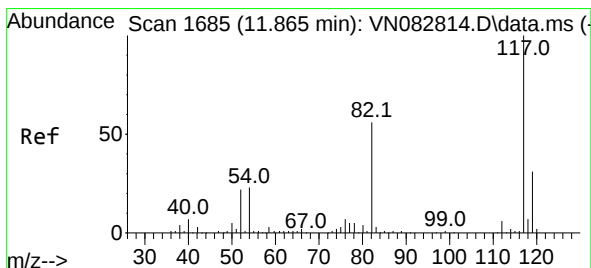
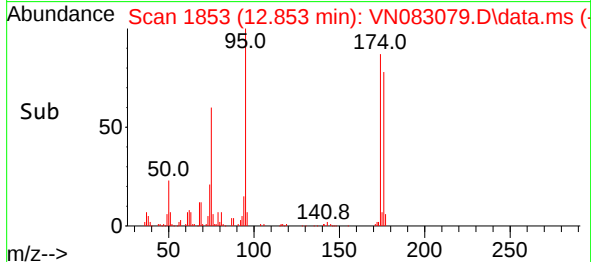
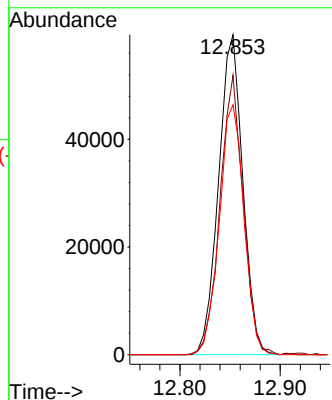
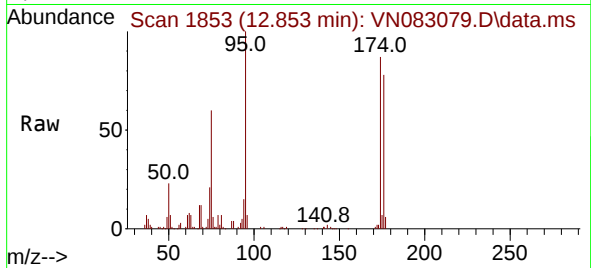




#62
4-Bromofluorobenzene
Concen: 44.362 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN083079.D
Acq: 30 Jul 2024 19:53

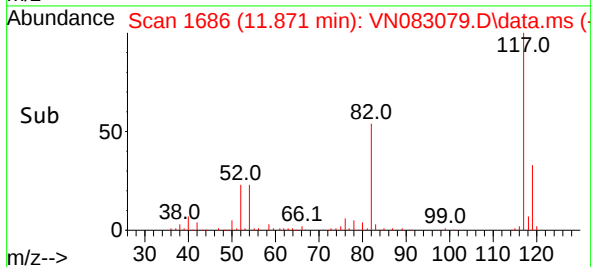
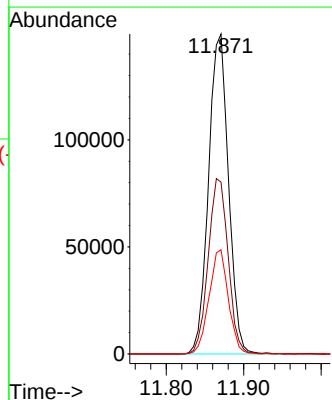
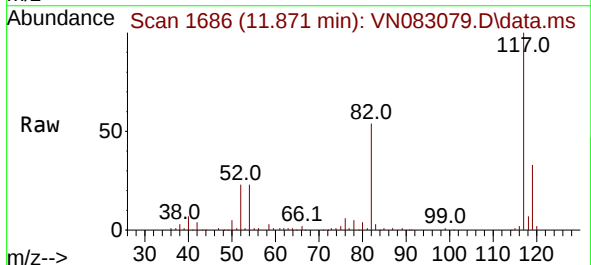
Instrument :
MSVOA_N
ClientSampleId :
PB162353ZHE#14

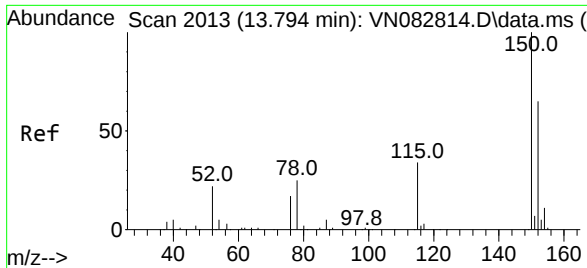
Tgt Ion: 95 Resp: 99637
Ion Ratio Lower Upper
95 100
174 83.5 0.0 159.2
176 79.6 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VN083079.D
Acq: 30 Jul 2024 19:53

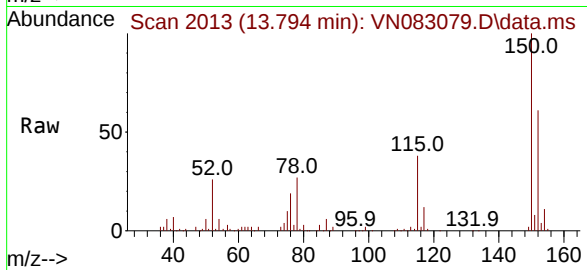
Tgt Ion: 117 Resp: 267219
Ion Ratio Lower Upper
117 100
82 53.7 47.5 71.3
119 32.6 25.6 38.4





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN083079.D
Acq: 30 Jul 2024 19:53

Instrument :
MSVOA_N
ClientSampleId :
PB162353ZHE#14



Tgt Ion:152 Resp: 94861
Ion Ratio Lower Upper
152 100
115 63.5 30.6 91.6
150 164.4 0.0 348.6

