

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN073024\
 Data File : VN083083.D
 Acq On : 30 Jul 2024 21:30
 Operator : JC\MD
 Sample : PB162353ZHE#18
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB162353ZHE#18

Quant Time: Jul 31 06:10:14 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)

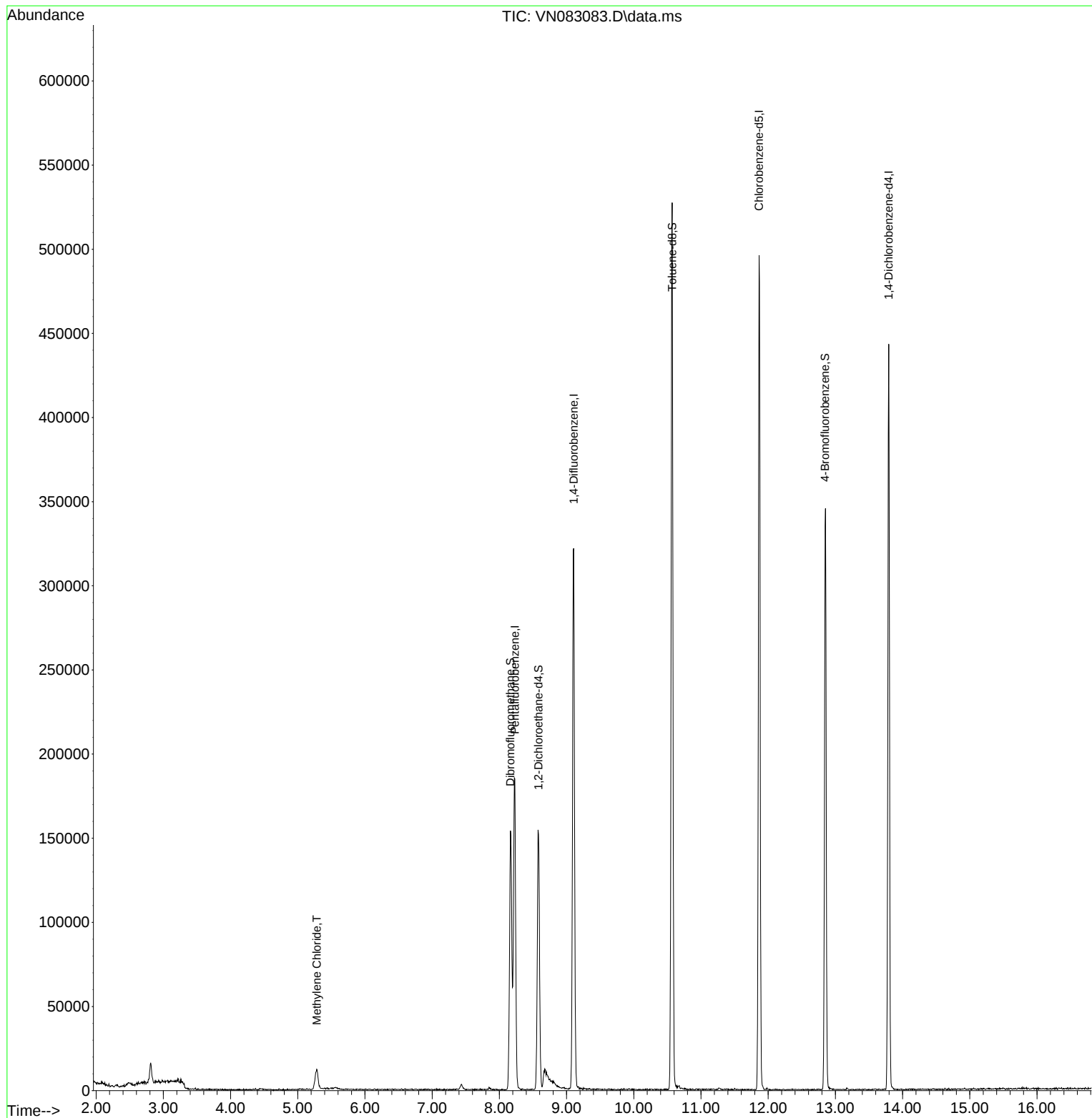
Internal Standards						
1) Pentafluorobenzene	8.230	168	129710	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	262289	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	279928	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	116123	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	128806	70.840	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 141.680%#	
35) Dibromofluoromethane	8.165	113	105658	62.778	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 125.560%#	
50) Toluene-d8	10.571	98	351342	56.520	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 113.040%#	
62) 4-Bromofluorobenzene	12.847	95	109073	48.847	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 97.700%	
Target Compounds						Qvalue
20) Methylene Chloride	5.283	84	8905	5.760	ug/l #	73

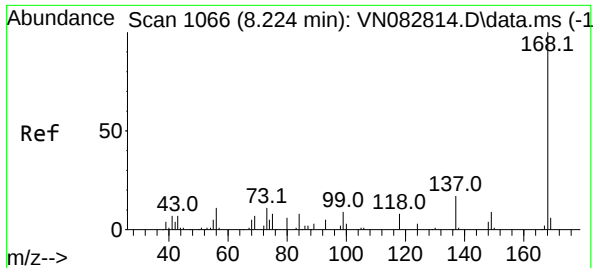
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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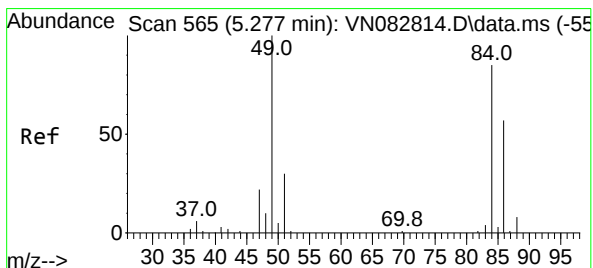
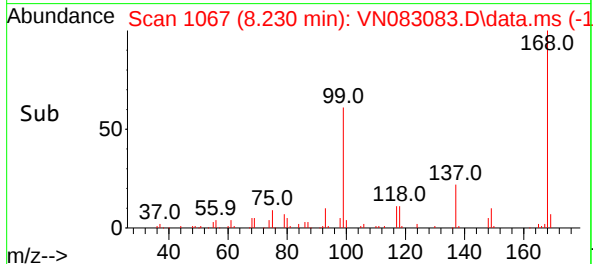
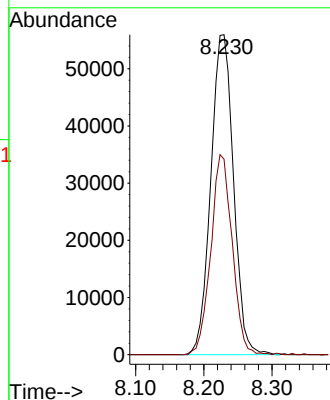
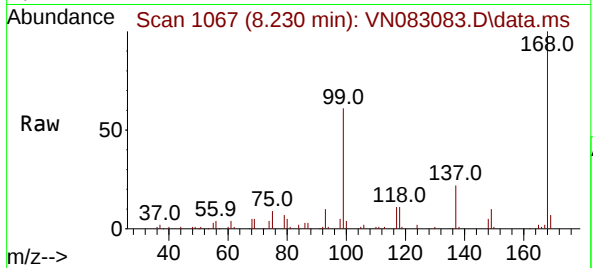




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.001 min
Lab File: VN083083.D
Acq: 30 Jul 2024 21:30

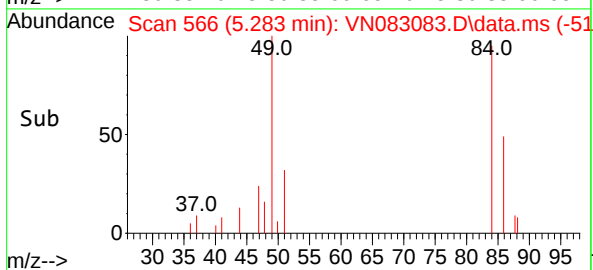
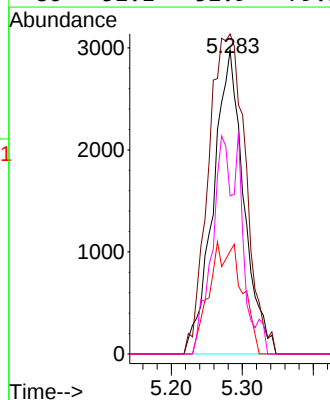
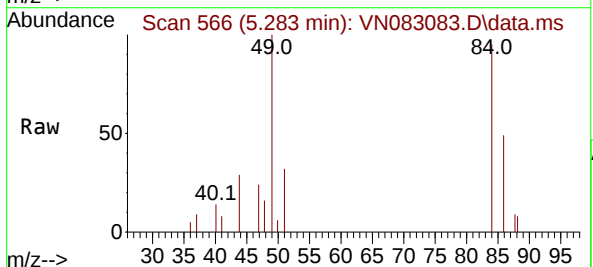
Instrument :
MSVOA_N
ClientSampleId :
PB162353ZHE#18

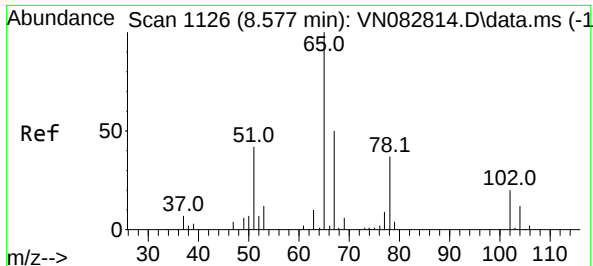
Tgt Ion:168 Resp: 129710
Ion Ratio Lower Upper
168 100
99 61.1 48.2 72.4



#20
Methylene Chloride
Concen: 5.760 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN083083.D
Acq: 30 Jul 2024 21:30

Tgt Ion: 84 Resp: 8905
Ion Ratio Lower Upper
84 100
49 105.4 119.6 179.4#
51 33.8 34.8 52.2#
86 52.1 52.9 79.3#





#33

1,2-Dichloroethane-d4

Concen: 70.840 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN083083.D

Acq: 30 Jul 2024 21:30

Instrument :

MSVOA_N

ClientSampleId :

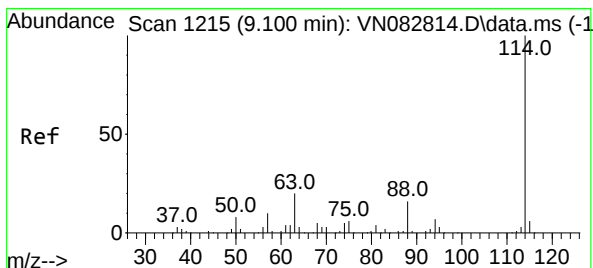
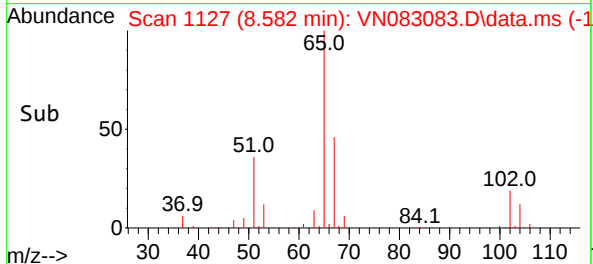
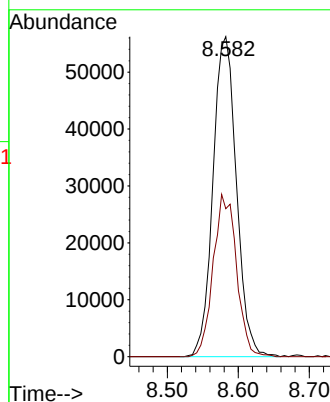
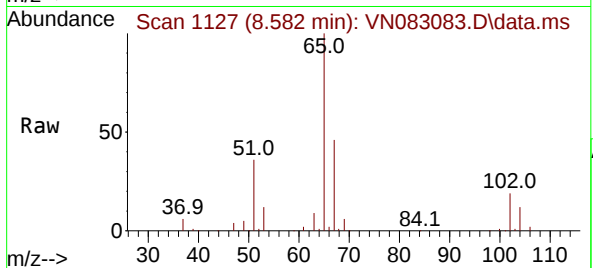
PB162353ZHE#18

Tgt Ion: 65 Resp: 128806

Ion Ratio Lower Upper

65 100

67 50.3 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN083083.D

Acq: 30 Jul 2024 21:30

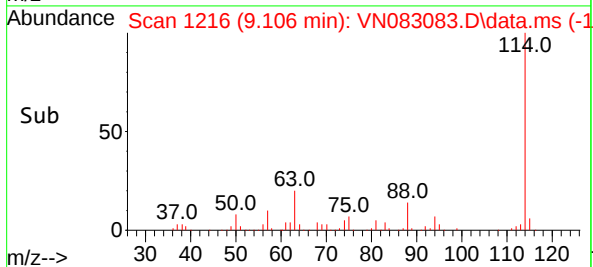
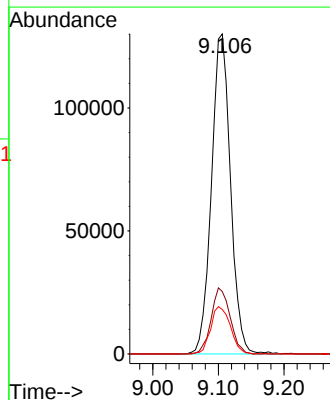
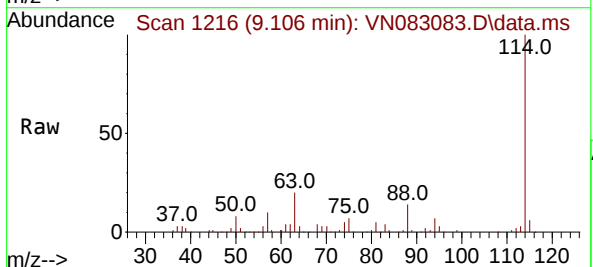
Tgt Ion: 114 Resp: 262289

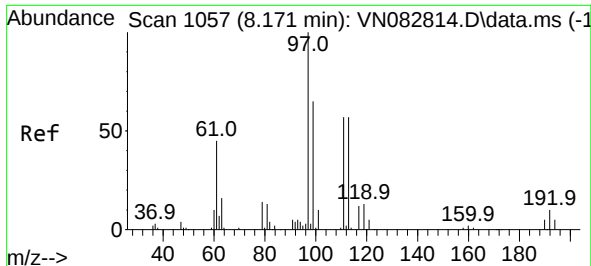
Ion Ratio Lower Upper

114 100

63 19.5 0.0 44.6

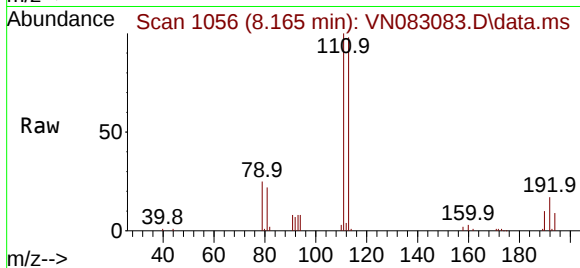
88 13.9 0.0 31.4



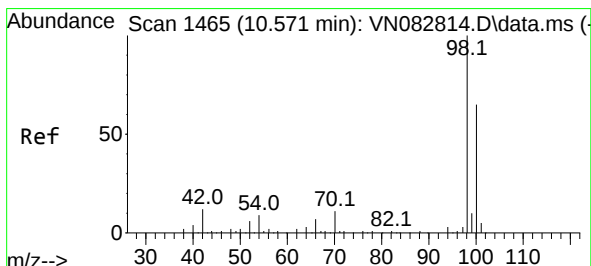
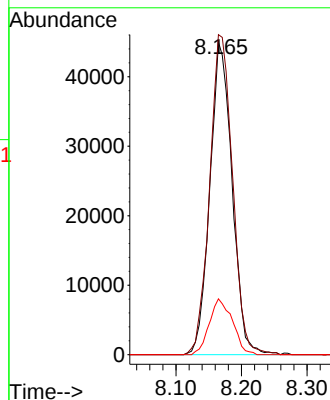
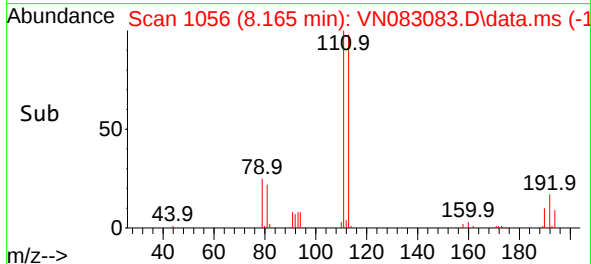


#35
Dibromofluoromethane
Concen: 62.778 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN083083.D
Acq: 30 Jul 2024 21:30

Instrument :
MSVOA_N
ClientSampleId :
PB162353ZHE#18

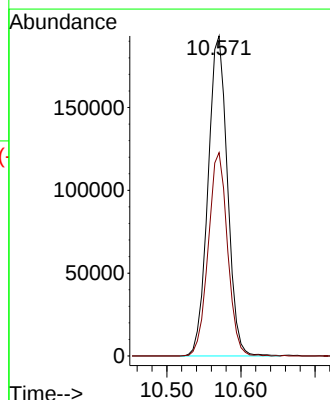
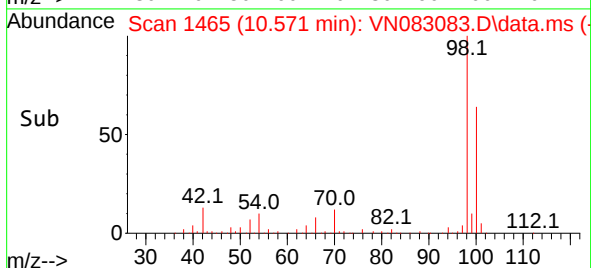
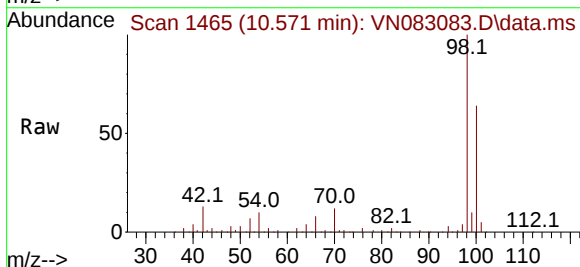


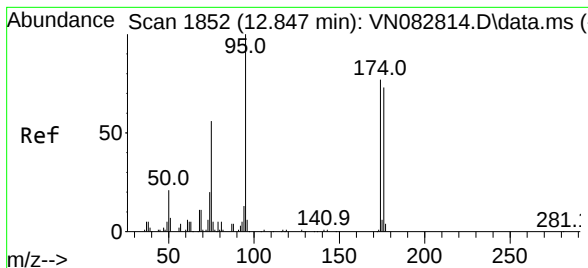
Tgt Ion:113 Resp: 105658
Ion Ratio Lower Upper
113 100
111 105.5 82.4 123.6
192 18.7 14.9 22.3



#50
Toluene-d8
Concen: 56.520 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN083083.D
Acq: 30 Jul 2024 21:30

Tgt Ion: 98 Resp: 351342
Ion Ratio Lower Upper
98 100
100 63.1 51.5 77.3

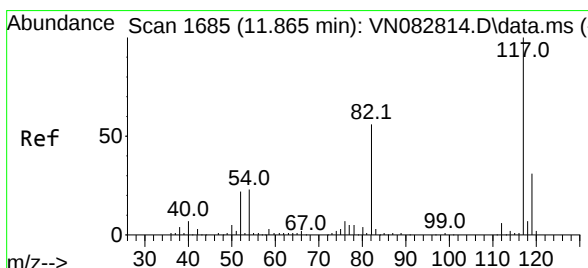
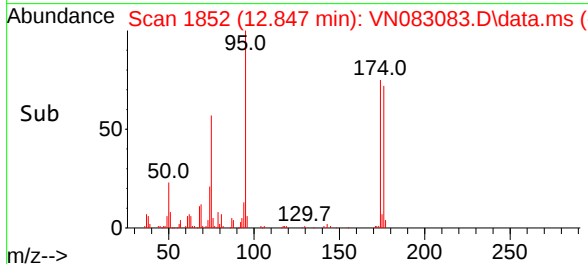
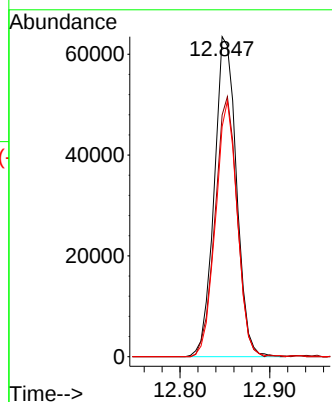
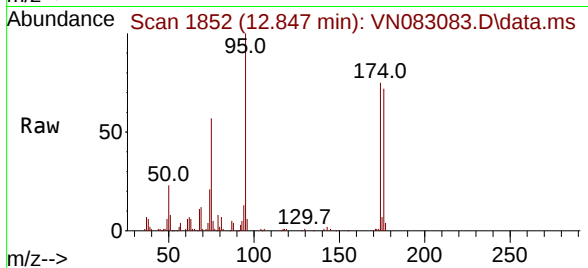




#62
4-Bromofluorobenzene
Concen: 48.847 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083083.D
Acq: 30 Jul 2024 21:30

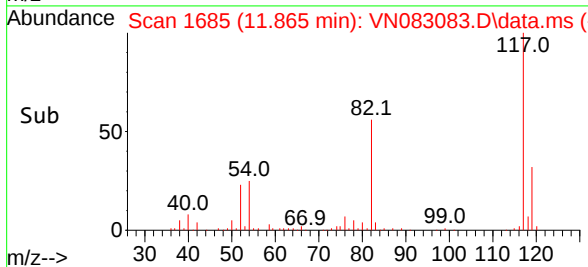
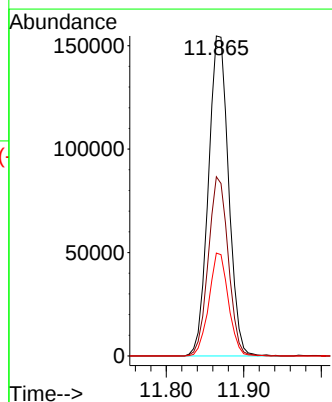
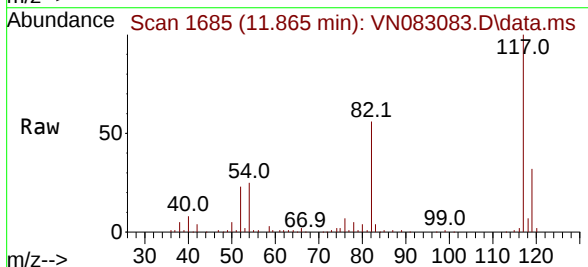
Instrument :
MSVOA_N
ClientSampleId :
PB162353ZHE#18

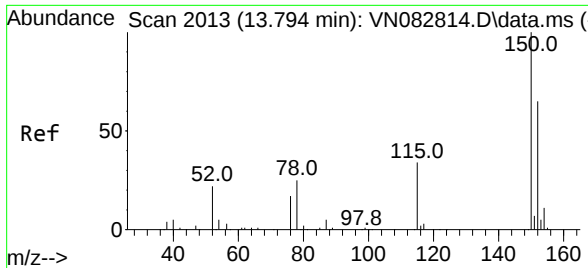
Tgt Ion: 95 Resp: 109073
Ion Ratio Lower Upper
95 100
174 81.2 0.0 159.2
176 78.1 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.005 min
Lab File: VN083083.D
Acq: 30 Jul 2024 21:30

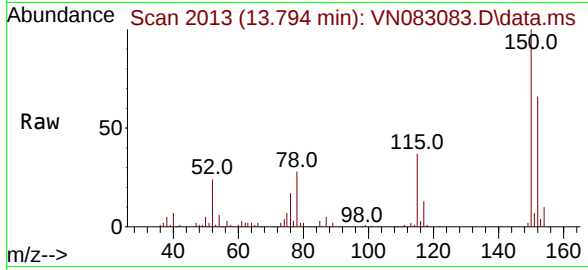
Tgt Ion: 117 Resp: 279928
Ion Ratio Lower Upper
117 100
82 56.0 47.5 71.3
119 32.2 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN083083.D
 Acq: 30 Jul 2024 21:30

Instrument :
 MSVOA_N
 ClientSampleId :
 PB162353ZHE#18



Tgt Ion:	152	Resp:	116123
Ion	Ratio	Lower	Upper
152	100		
115	59.0	30.6	91.6
150	153.2	0.0	348.6

