

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030624\
 Data File : VN081326.D
 Acq On : 06 Mar 2024 15:02
 Operator : JC\MD
 Sample : P1683-04 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 3525

Quant Time: Mar 07 00:27:31 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)

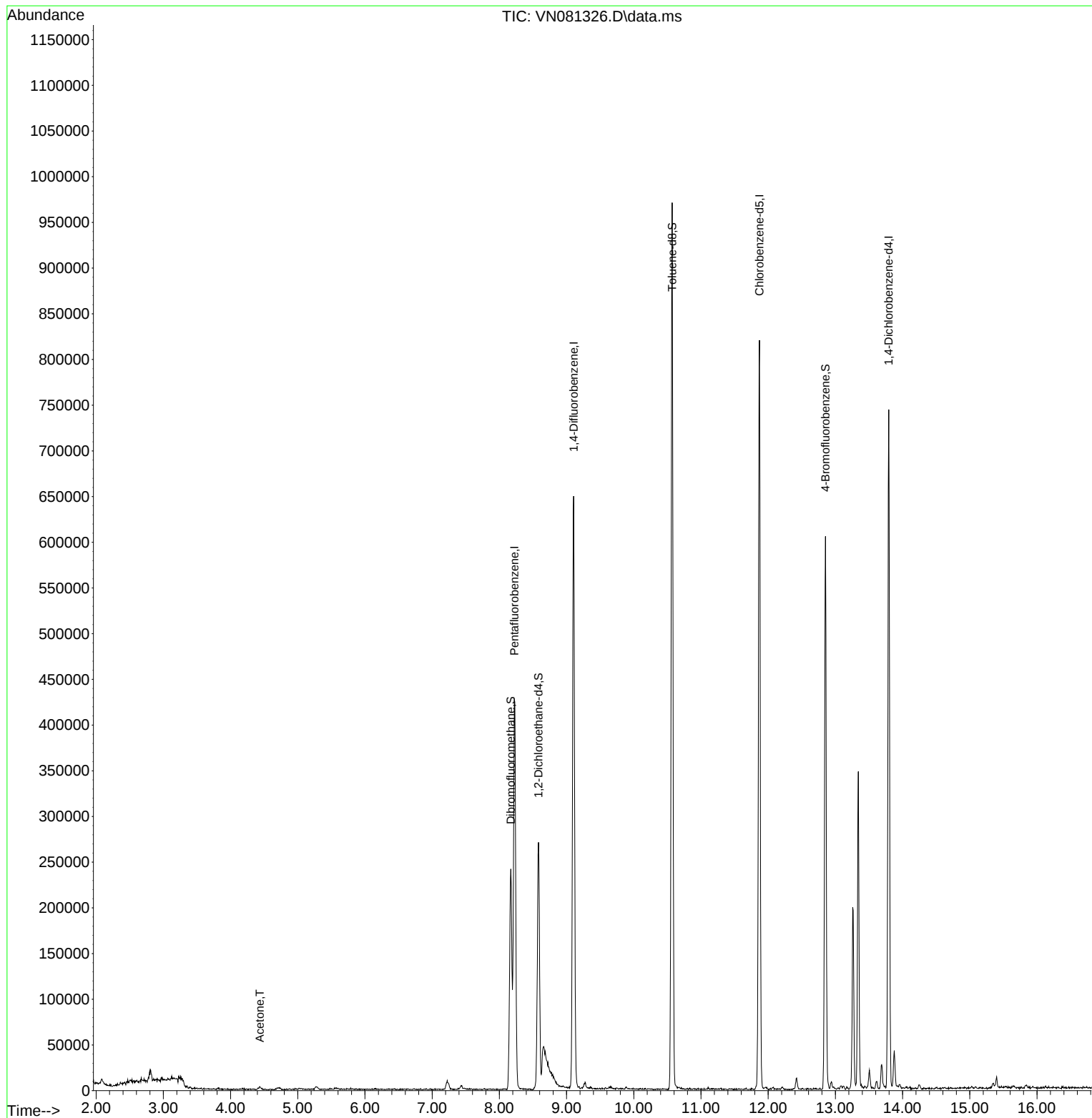
Internal Standards						
1) Pentafluorobenzene	8.224	168	293160	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	549443	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	465744	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	192580	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	217818	51.387	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.780%			
35) Dibromofluoromethane	8.171	113	170671	50.701	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.400%			
50) Toluene-d8	10.571	98	645041	51.259	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.520%			
62) 4-Bromofluorobenzene	12.853	95	199652	44.890	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 89.780%			
Target Compounds					Qvalue	
16) Acetone	4.436	43	5304	3.532	ug/l #	84

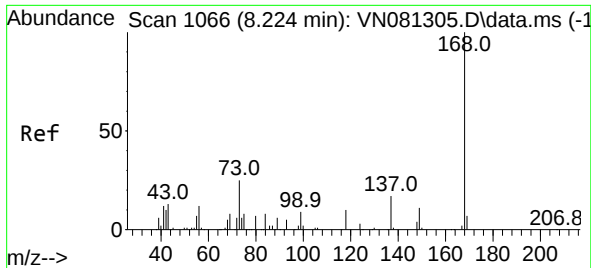
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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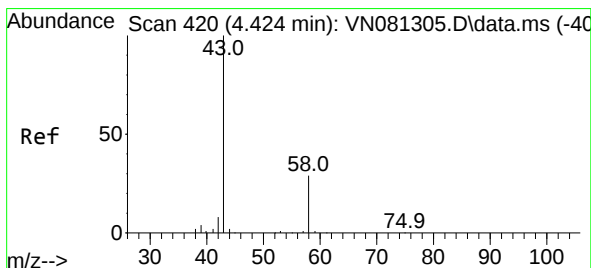
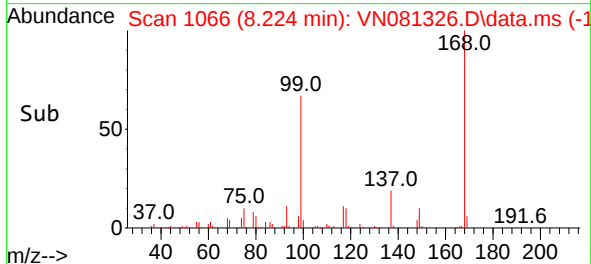
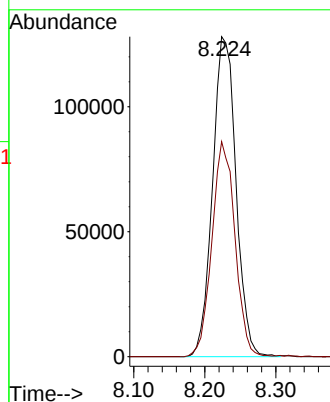
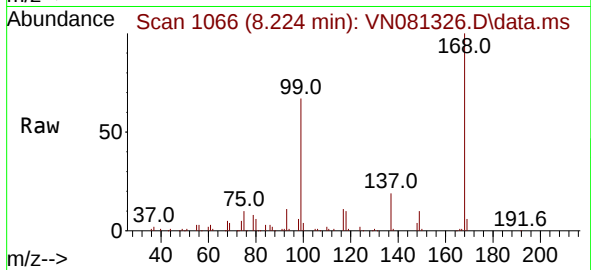




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081326.D
Acq: 06 Mar 2024 15:02

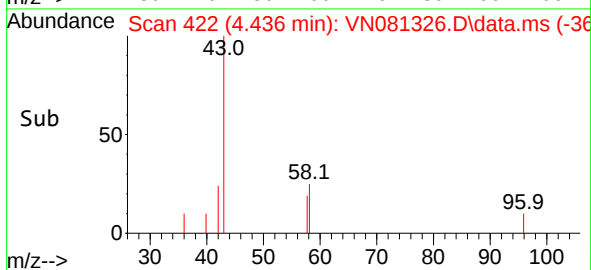
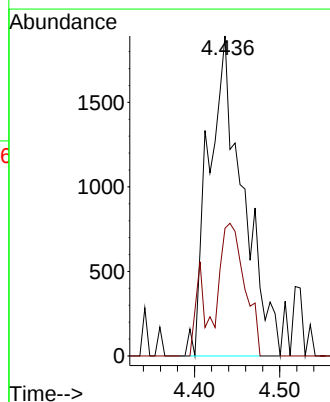
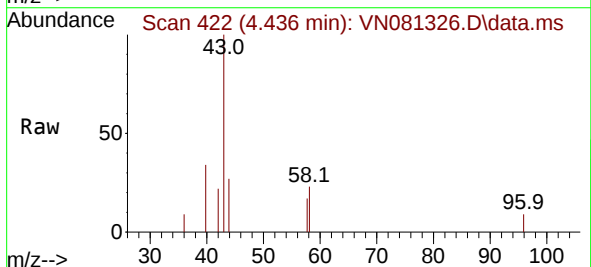
Instrument :
MSVOA_N
ClientSampleId :
3525

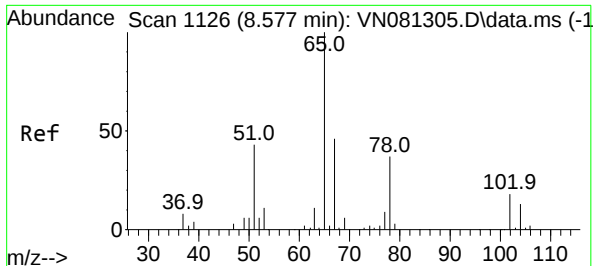
Tgt Ion:168 Resp: 293160
Ion Ratio Lower Upper
168 100
99 67.2 59.9 89.9



#16
Acetone
Concen: 3.532 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN081326.D
Acq: 06 Mar 2024 15:02

Tgt Ion: 43 Resp: 5304
Ion Ratio Lower Upper
43 100
58 39.9 24.8 37.2#





#33

1,2-Dichloroethane-d4

Concen: 51.387 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN081326.D

Acq: 06 Mar 2024 15:02

Instrument :

MSVOA_N

ClientSampleId :

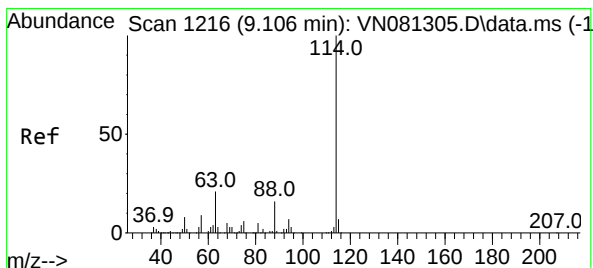
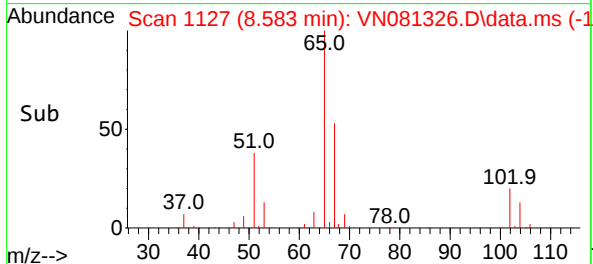
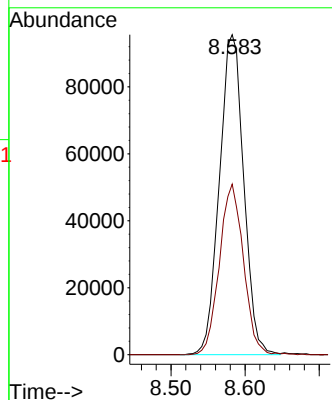
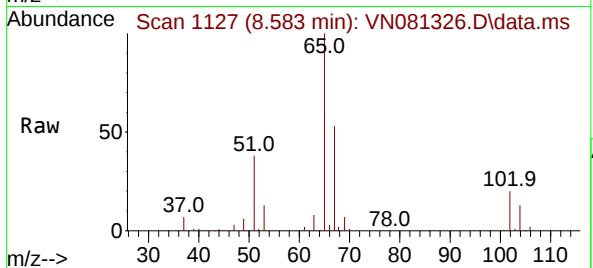
3525

Tgt Ion: 65 Resp: 217818

Ion Ratio Lower Upper

65 100

67 52.8 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: VN081326.D

Acq: 06 Mar 2024 15:02

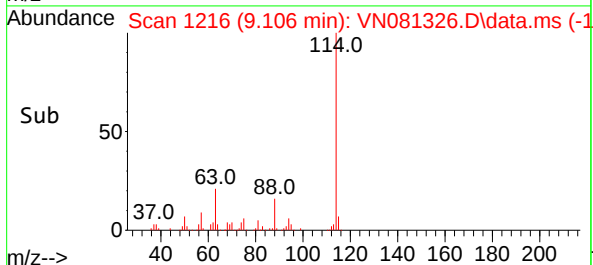
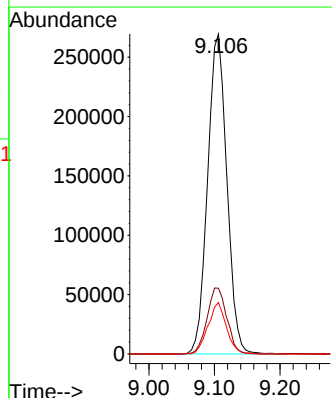
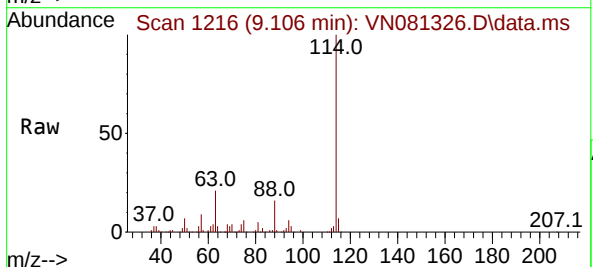
Tgt Ion: 114 Resp: 549443

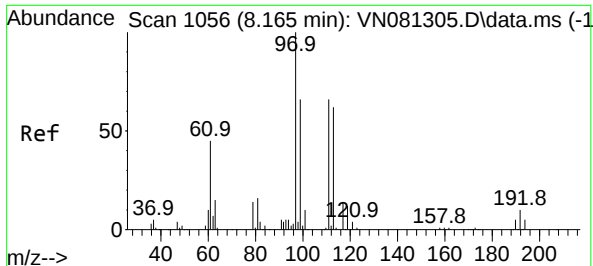
Ion Ratio Lower Upper

114 100

63 20.5 0.0 48.0

88 16.0 0.0 34.8

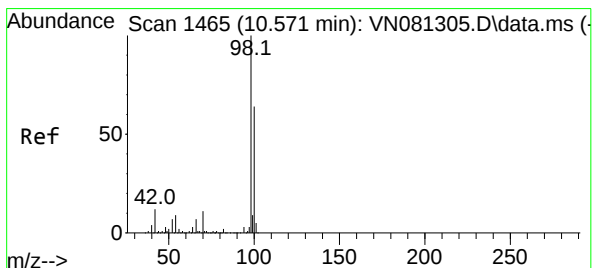
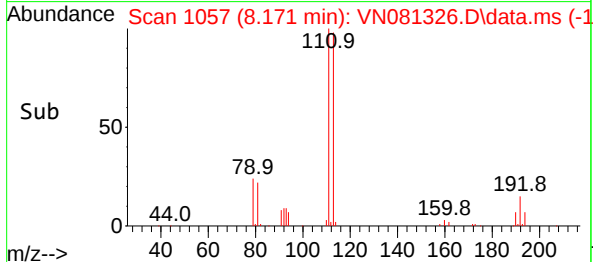
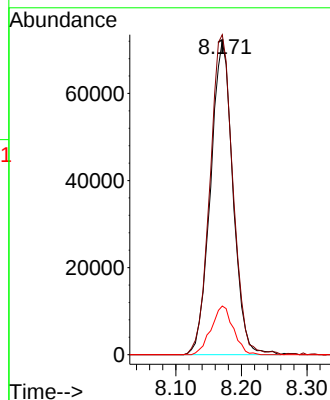
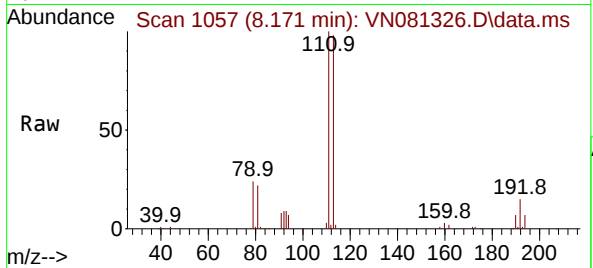




#35
Dibromofluoromethane
Concen: 50.701 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN081326.D
Acq: 06 Mar 2024 15:02

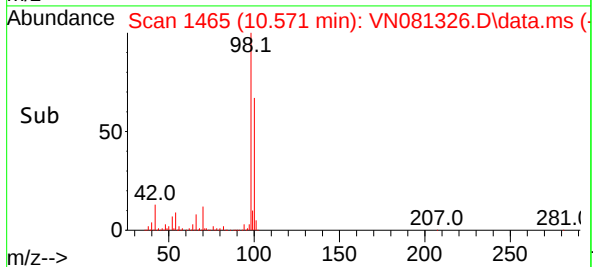
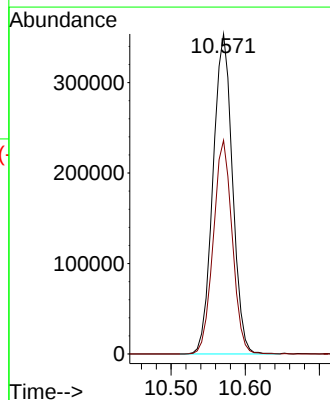
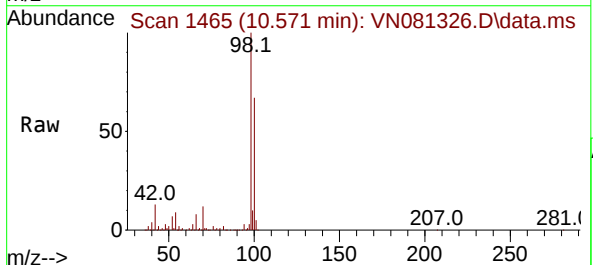
Instrument :
MSVOA_N
ClientSampleId :
3525

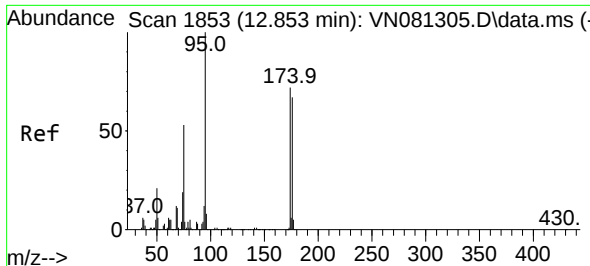
Tgt Ion:113 Resp: 170671
Ion Ratio Lower Upper
113 100
111 104.6 82.2 123.4
192 15.4 12.5 18.7



#50
Toluene-d8
Concen: 51.259 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081326.D
Acq: 06 Mar 2024 15:02

Tgt Ion: 98 Resp: 645041
Ion Ratio Lower Upper
98 100
100 64.9 51.4 77.0

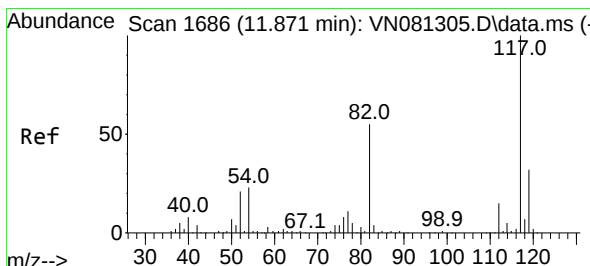
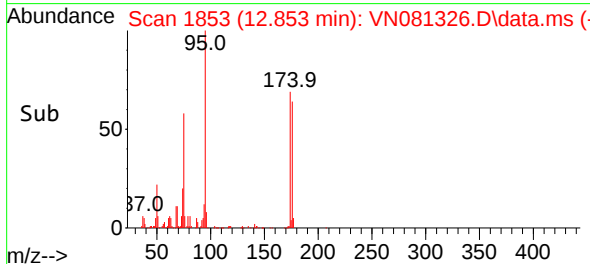
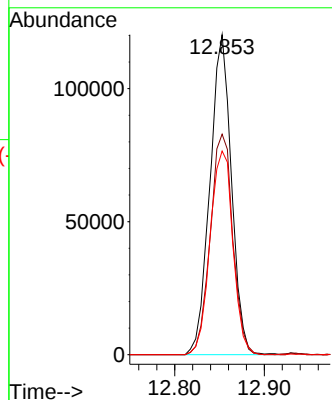
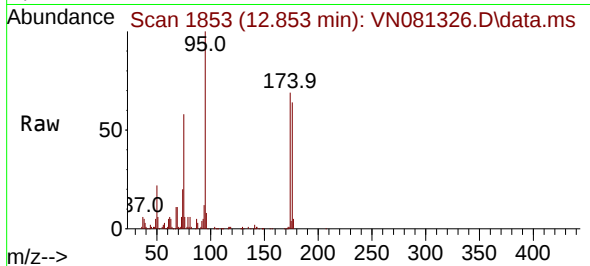




#62
4-Bromofluorobenzene
Concen: 44.890 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081326.D
Acq: 06 Mar 2024 15:02

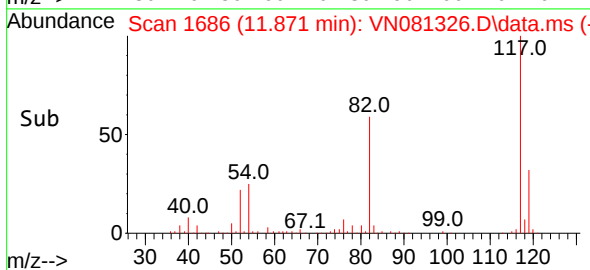
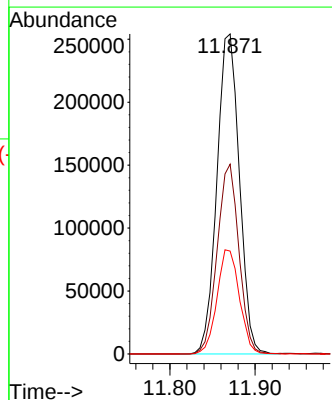
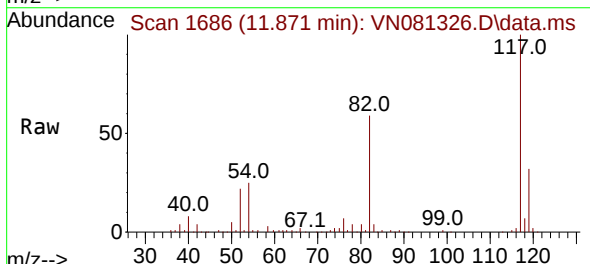
Instrument :
MSVOA_N
ClientSampleId :
3525

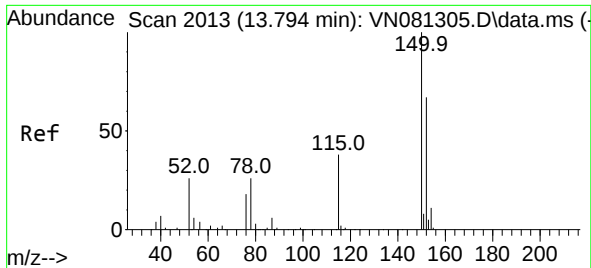
Tgt Ion: 95 Resp: 199652
Ion Ratio Lower Upper
95 100
174 72.3 0.0 120.4
176 67.6 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN081326.D
Acq: 06 Mar 2024 15:02

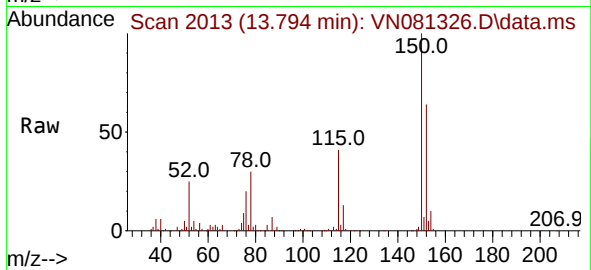
Tgt Ion: 117 Resp: 465744
Ion Ratio Lower Upper
117 100
82 59.3 52.7 79.1
119 32.2 25.3 37.9





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN081326.D
Acq: 06 Mar 2024 15:02

Instrument :
MSVOA_N
ClientSampleId :
3525



Tgt Ion:152 Resp: 192580
Ion Ratio Lower Upper
152 100
115 62.6 32.3 96.8
150 155.2 0.0 339.8

