

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081524\
 Data File : VN083332.D
 Acq On : 15 Aug 2024 15:36
 Operator : JC\MD
 Sample : P3617-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VCPS-B2-081424-6W-DUP

Quant Time: Aug 16 01:52:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

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

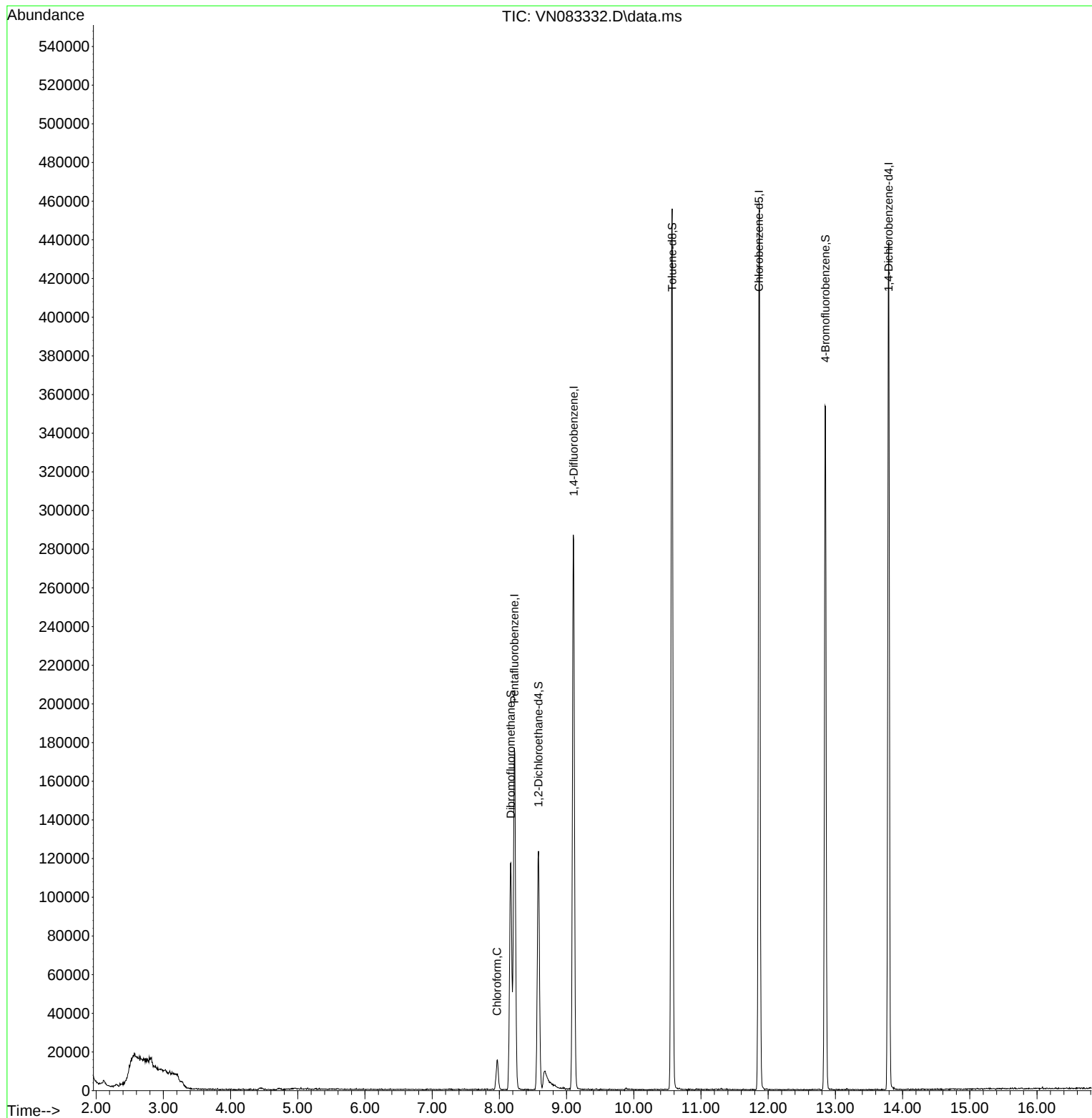
Internal Standards						
1) Pentafluorobenzene	8.224	168	122828	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	245171	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	256611	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	115134	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	106273	60.786	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 121.580%	
35) Dibromofluoromethane	8.171	113	85524	55.887	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 111.780%	
50) Toluene-d8	10.571	98	313878	54.985	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 109.980%	
62) 4-Bromofluorobenzene	12.853	95	131157	58.935	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 117.860%	
Target Compounds						
30) Chloroform	7.965	83	14648	5.348	ug/l	Qvalue 95

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

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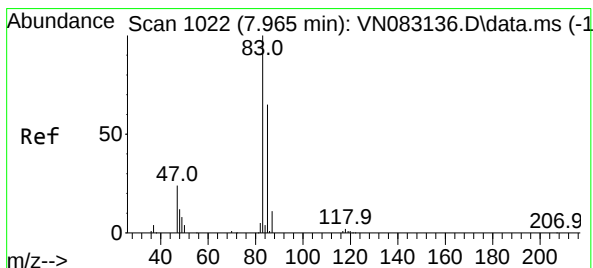
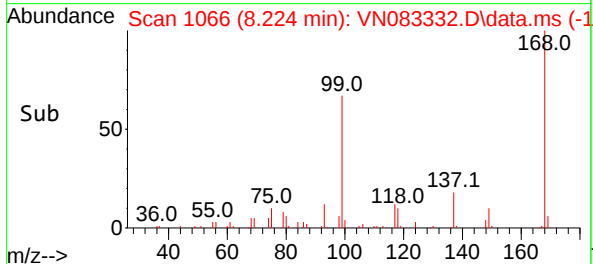
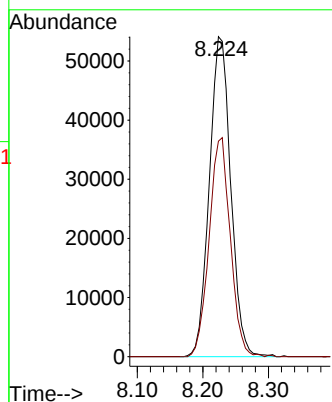
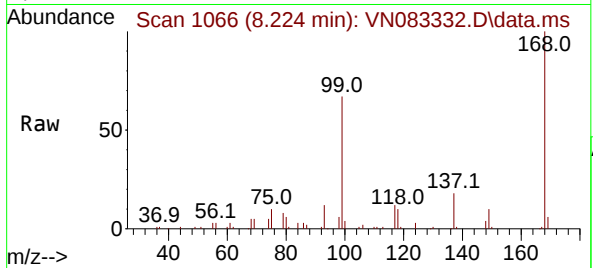




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083332.D
Acq: 15 Aug 2024 15:36

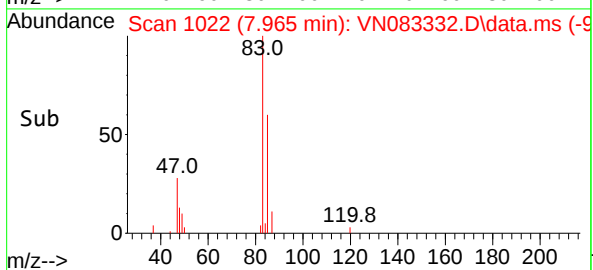
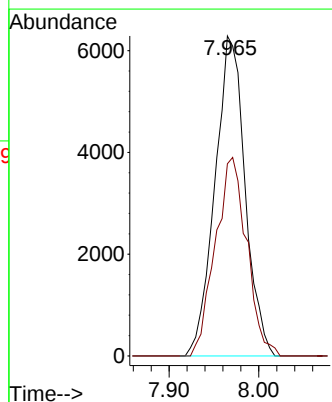
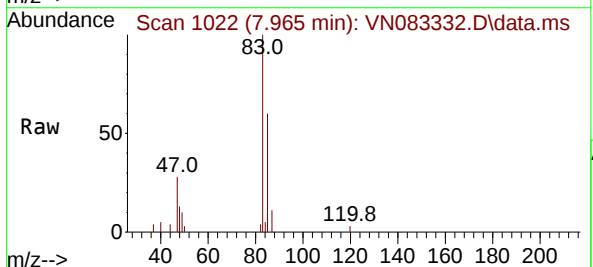
Instrument :
MSVOA_N
ClientSampleId :
VCPS-B2-081424-6W-DUP

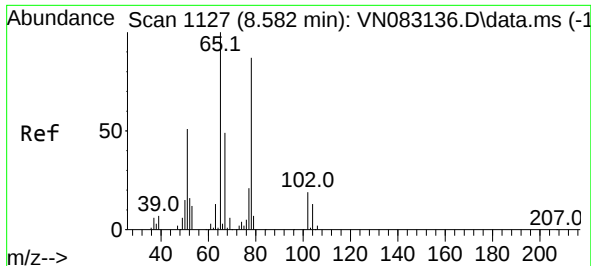
Tgt Ion:168 Resp: 122828
Ion Ratio Lower Upper
168 100
99 67.4 48.2 72.4



#30
Chloroform
Concen: 5.348 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN083332.D
Acq: 15 Aug 2024 15:36

Tgt Ion: 83 Resp: 14648
Ion Ratio Lower Upper
83 100
85 60.0 50.9 76.3





#33

1,2-Dichloroethane-d4

Concen: 60.786 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.001 min

Lab File: VN083332.D

Acq: 15 Aug 2024 15:36

Instrument :

MSVOA_N

ClientSampleId :

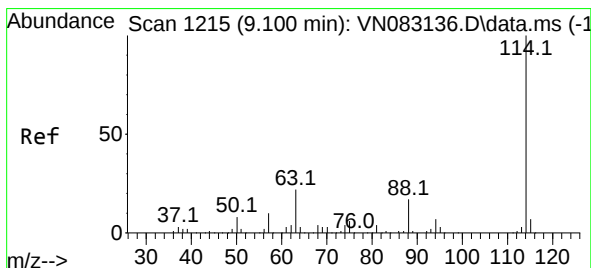
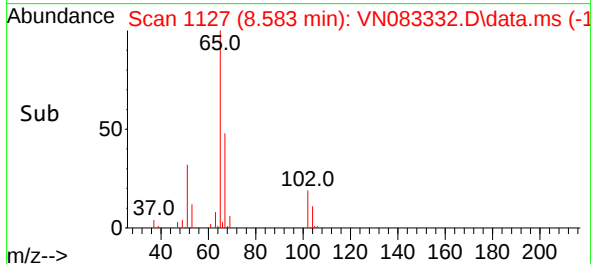
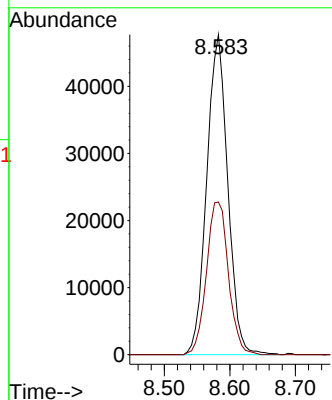
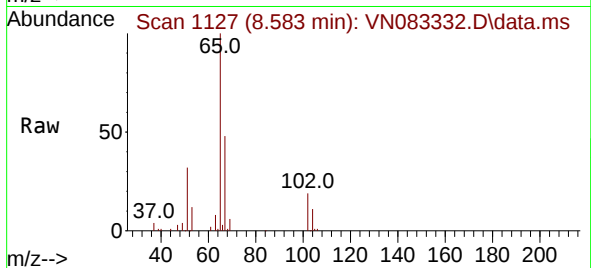
VCPS-B2-081424-6W-DUP

Tgt Ion: 65 Resp: 106273

Ion Ratio Lower Upper

65 100

67 49.8 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN083332.D

Acq: 15 Aug 2024 15:36

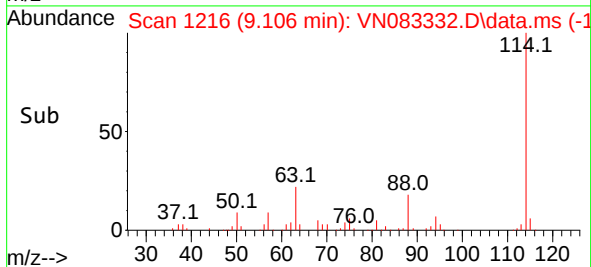
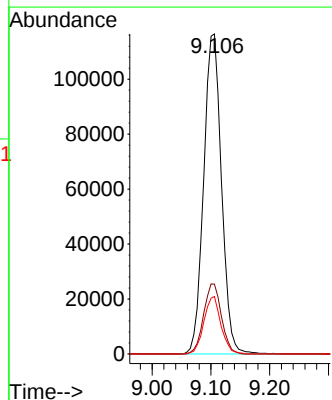
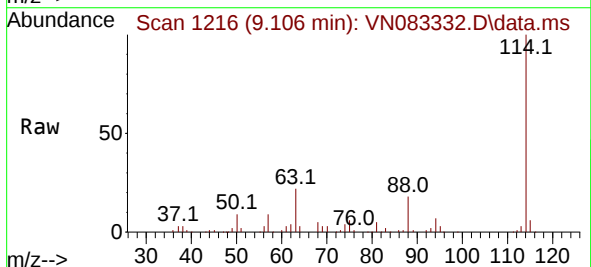
Tgt Ion: 114 Resp: 245171

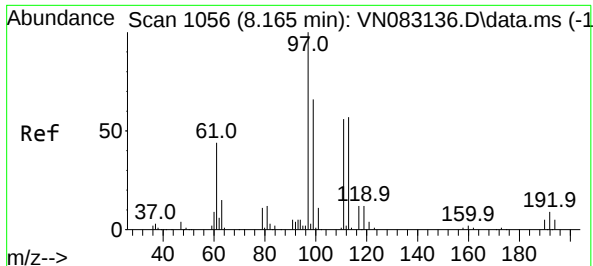
Ion Ratio Lower Upper

114 100

63 21.8 0.0 44.6

88 17.9 0.0 31.4

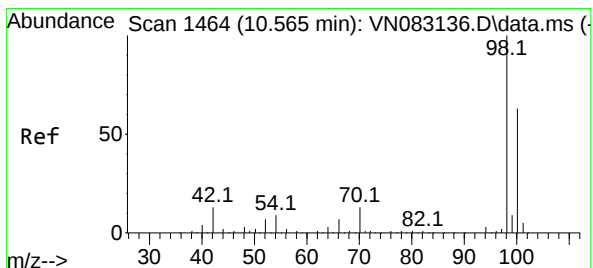
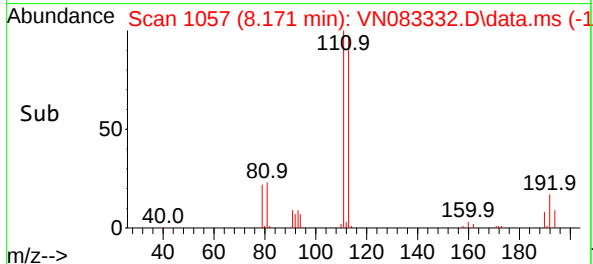
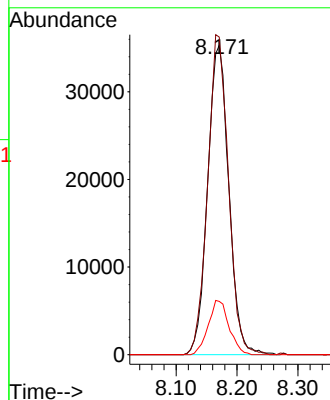
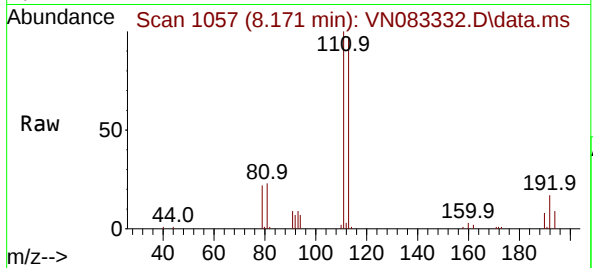




#35
Dibromofluoromethane
Concen: 55.887 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN083332.D
Acq: 15 Aug 2024 15:36

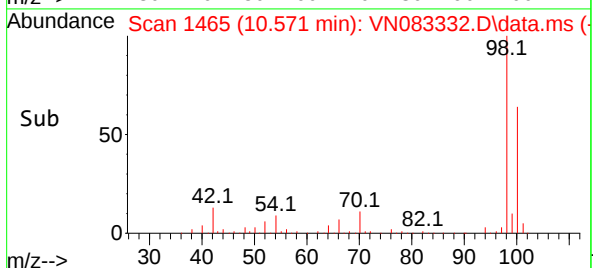
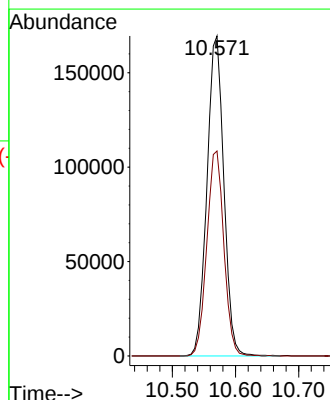
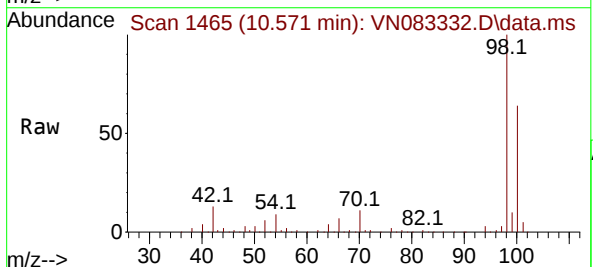
Instrument :
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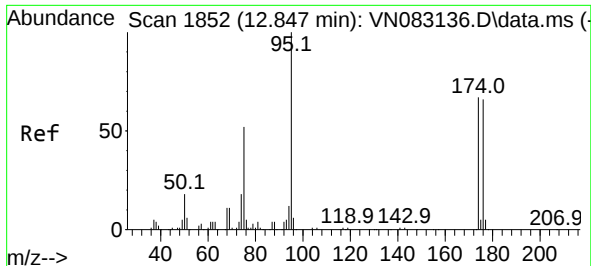
Tgt Ion:113 Resp: 85524
Ion Ratio Lower Upper
113 100
111 101.3 82.4 123.6
192 17.1 14.9 22.3



#50
Toluene-d8
Concen: 54.985 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN083332.D
Acq: 15 Aug 2024 15:36

Tgt Ion: 98 Resp: 313878
Ion Ratio Lower Upper
98 100
100 64.6 51.5 77.3

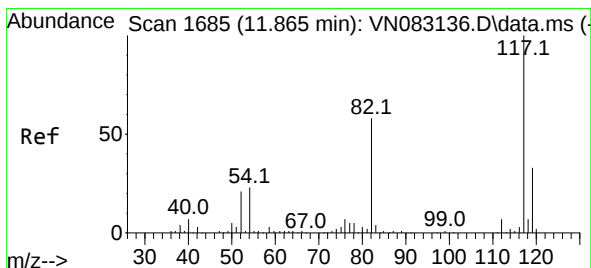
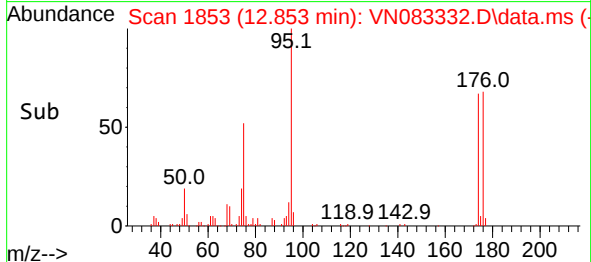
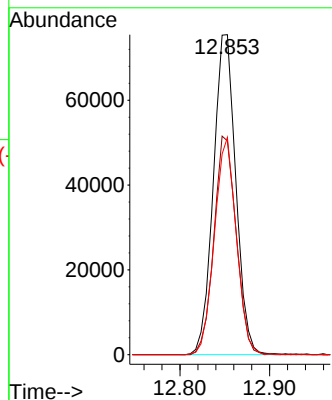
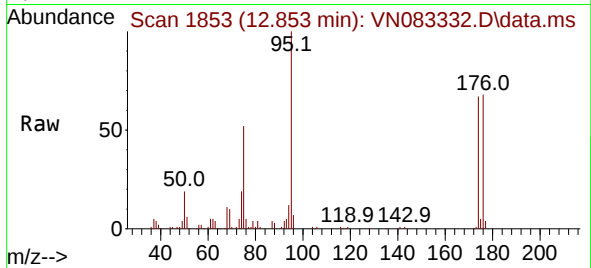




#62
4-Bromofluorobenzene
Concen: 58.935 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN083332.D
Acq: 15 Aug 2024 15:36

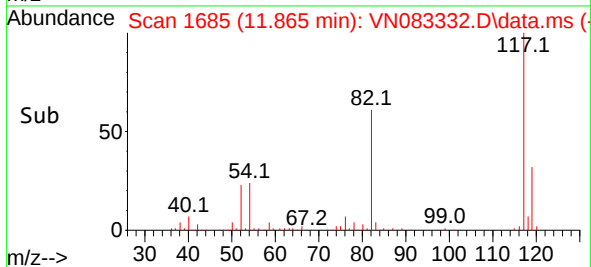
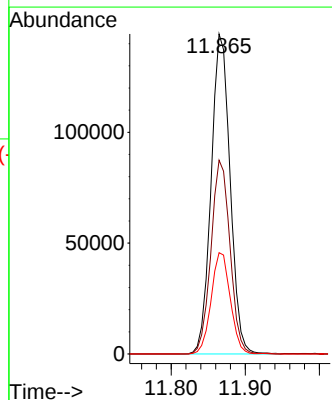
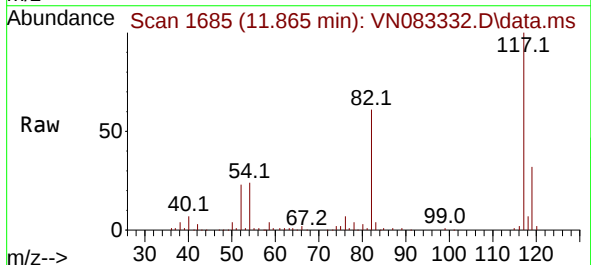
Instrument :
MSVOA_N
ClientSampleId :
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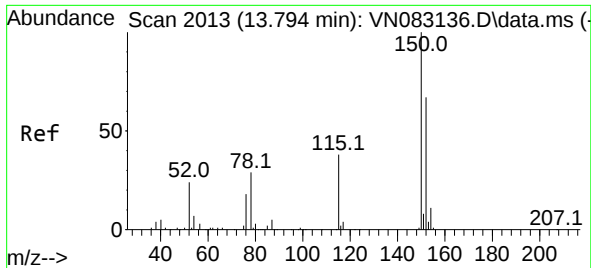
Tgt Ion: 95 Resp: 131157
Ion Ratio Lower Upper
95 100
174 67.8 0.0 159.2
176 66.0 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN083332.D
Acq: 15 Aug 2024 15:36

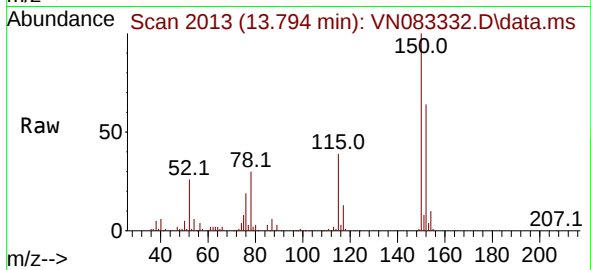
Tgt Ion: 117 Resp: 256611
Ion Ratio Lower Upper
117 100
82 60.6 47.5 71.3
119 31.6 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN083332.D
 Acq: 15 Aug 2024 15:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VCPS-B2-081424-6W-DUP



Tgt Ion:	152	Resp:	115134
Ion	Ratio	Lower	Upper
152	100		
115	63.5	30.6	91.6
150	157.1	0.0	348.6

