

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081324\
 Data File : VN083251.D
 Acq On : 13 Aug 2024 12:30
 Operator : JC\MD
 Sample : P3440-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 923-K1-WS-080124

Quant Time: Aug 14 01:41:01 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)

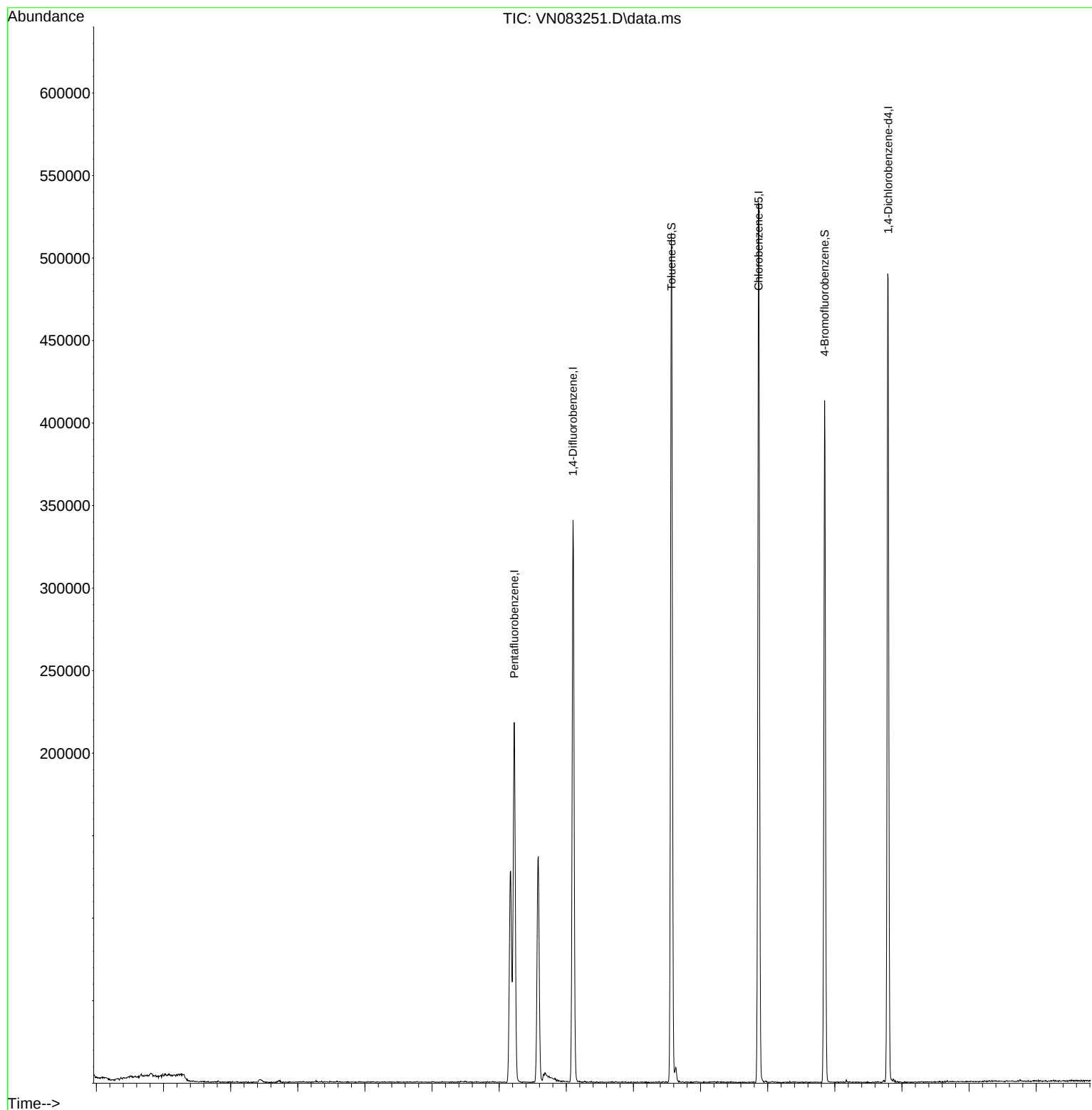
Internal Standards						
1) Pentafluorobenzene	8.224	168	149286	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	287536	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	294026	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	131455	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	119277	56.133	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 112.260%		
35) Dibromofluoromethane	8.165	113	94242	52.510	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 105.020%		
50) Toluene-d8	10.565	98	356525	53.254	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 106.500%		
62) 4-Bromofluorobenzene	12.847	95	146778	56.236	ug/l	0.00
Spiked Amount	50.000	Range 64 - 133	Recovery	= 112.480%		
Target Compounds						
16) Acetone	4.436	43	4080	4.907	ug/l	97
52) Toluene	10.635	92	3624	0.709	ug/l	84

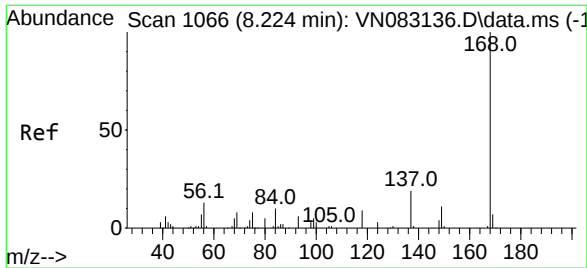
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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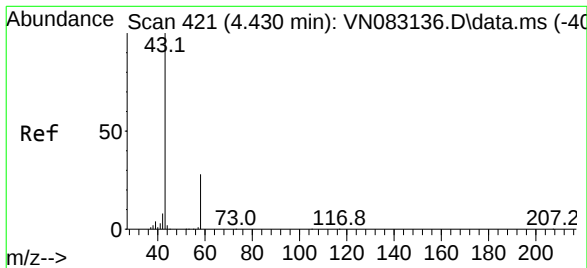
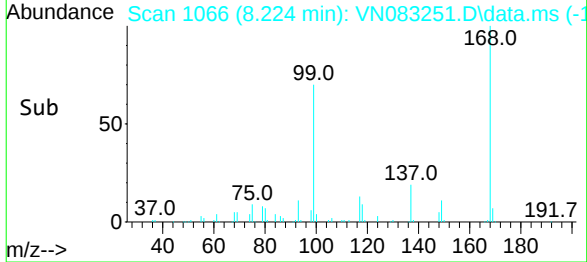
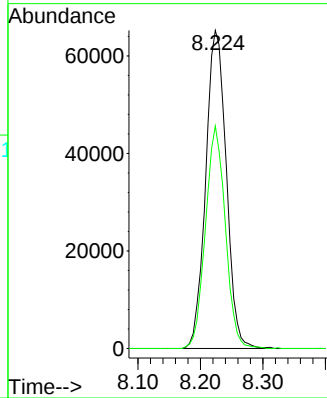
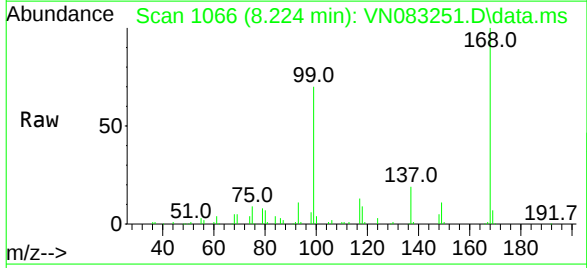




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083251.D
Acq: 13 Aug 2024 12:30

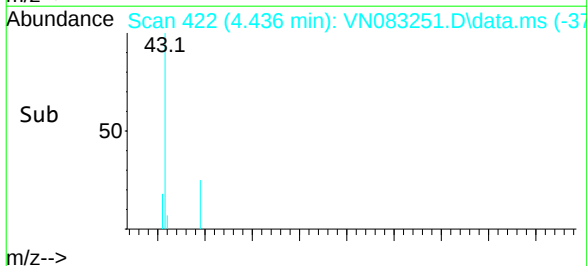
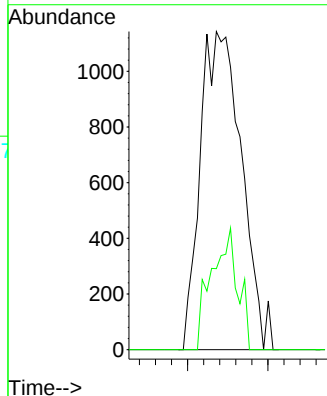
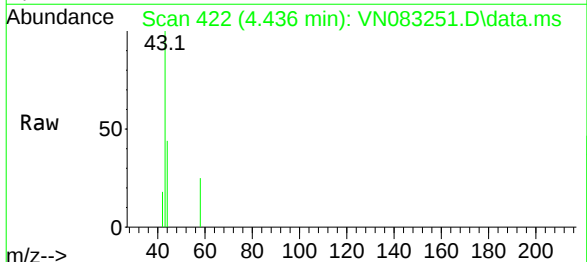
Instrument :
MSVOA_N
ClientSampleId :
923-K1-WS-080124

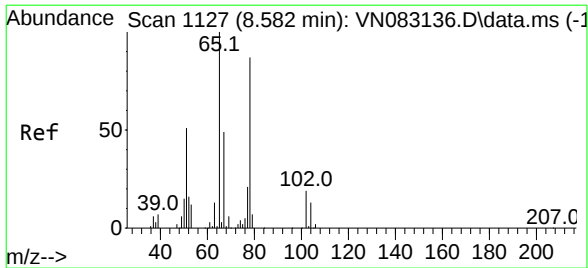
Tgt Ion:168 Resp: 149286
Ion Ratio Lower Upper
168 100
99 69.9 48.2 72.4



#16
Acetone
Concen: 4.907 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN083251.D
Acq: 13 Aug 2024 12:30

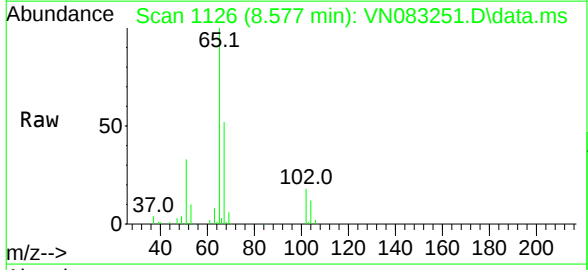
Tgt Ion: 43 Resp: 4080
Ion Ratio Lower Upper
43 100
58 25.5 21.8 32.6



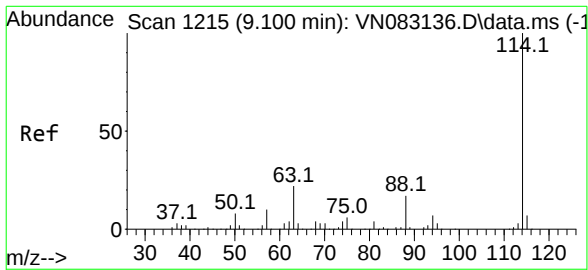
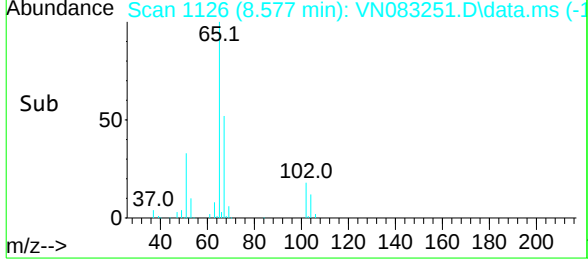
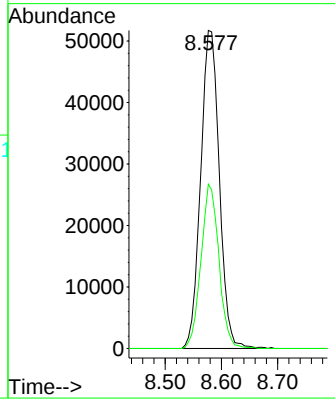


#33
 1,2-Dichloroethane-d4
 Concen: 56.133 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. -0.006 min
 Lab File: VN083251.D
 Acq: 13 Aug 2024 12:30

Instrument :
 MSVOA_N
 ClientSampleId :
 923-K1-WS-080124

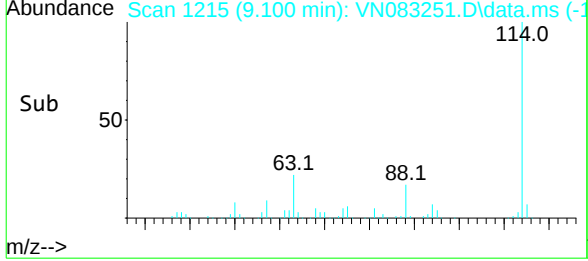
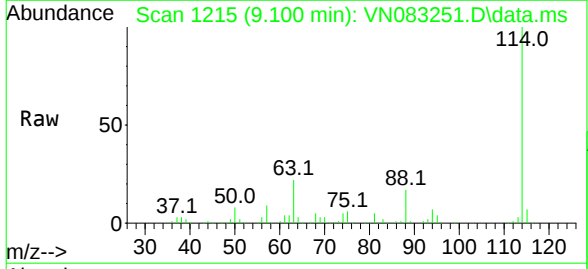
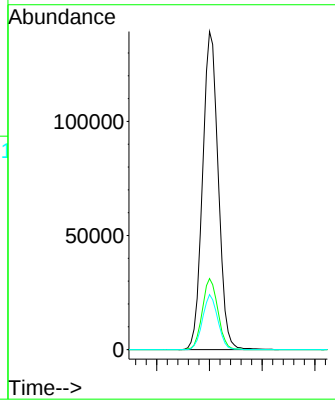


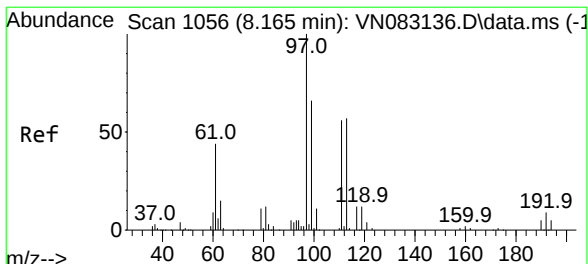
Tgt Ion: 65 Resp: 119277
 Ion Ratio Lower Upper
 65 100
 67 49.7 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN083251.D
 Acq: 13 Aug 2024 12:30

Tgt Ion: 114 Resp: 287536
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 44.6
 88 17.3 0.0 31.4

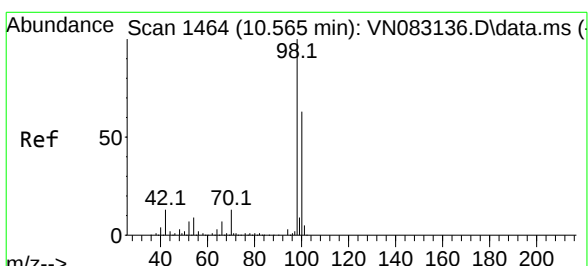
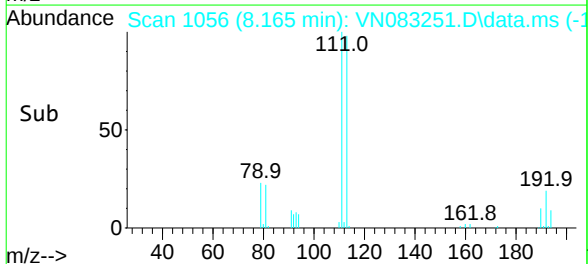
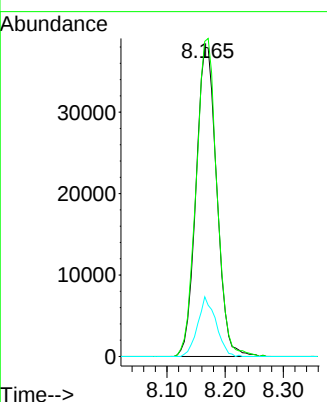
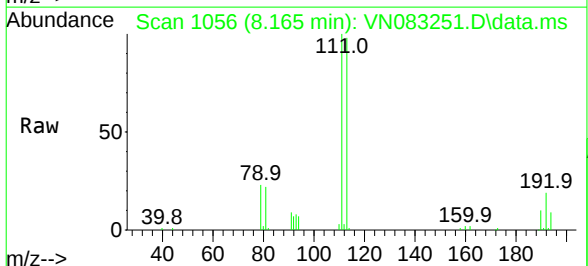




#35
 Dibromofluoromethane
 Concen: 52.510 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.000 min
 Lab File: VN083251.D
 Acq: 13 Aug 2024 12:30

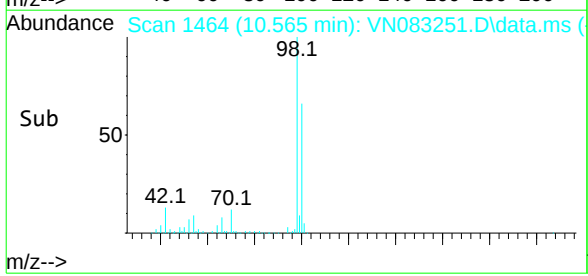
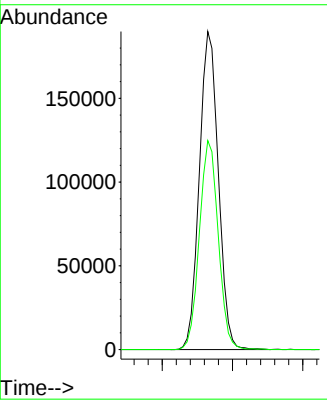
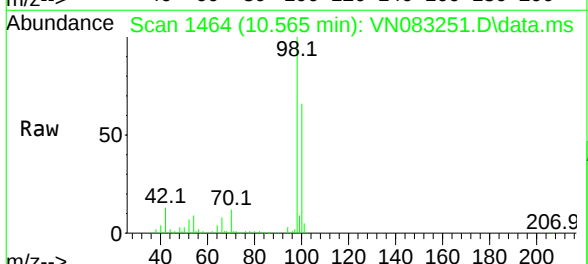
Instrument :
 MSVOA_N
 ClientSampleId :
 923-K1-WS-080124

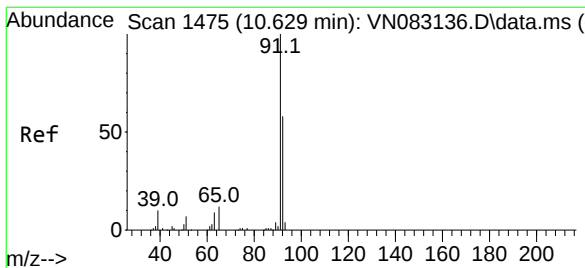
Tgt Ion:	113	Resp:	94242
Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.4	123.6
192	17.0	14.9	22.3



#50
 Toluene-d8
 Concen: 53.254 ug/l
 RT: 10.565 min Scan# 1464
 Delta R.T. 0.000 min
 Lab File: VN083251.D
 Acq: 13 Aug 2024 12:30

Tgt Ion:	98	Resp:	356525
Ion	Ratio	Lower	Upper
98	100		
100	65.3	51.5	77.3





#52

Toluene

Concen: 0.709 ug/l

RT: 10.635 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VN083251.D

Acq: 13 Aug 2024 12:30

Instrument :

MSVOA_N

ClientSampleId :

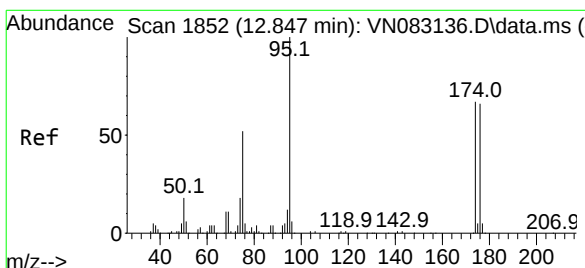
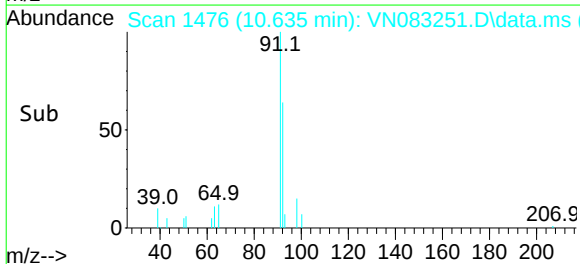
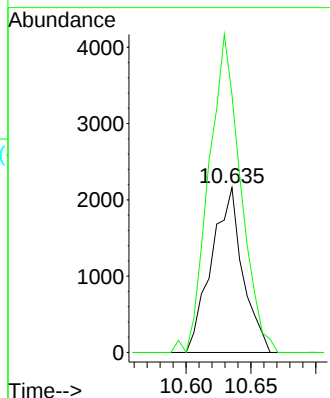
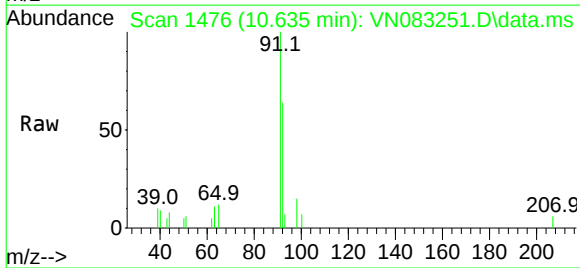
923-K1-WS-080124

Tgt Ion: 92 Resp: 3624

Ion Ratio Lower Upper

92 100

91 196.5 139.4 209.0



#62

4-Bromofluorobenzene

Concen: 56.236 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN083251.D

Acq: 13 Aug 2024 12:30

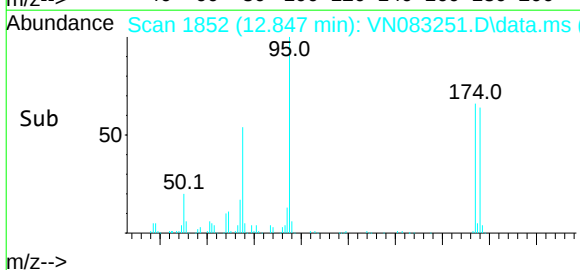
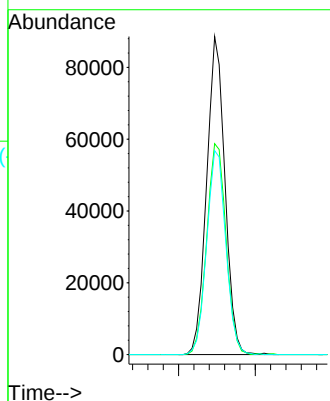
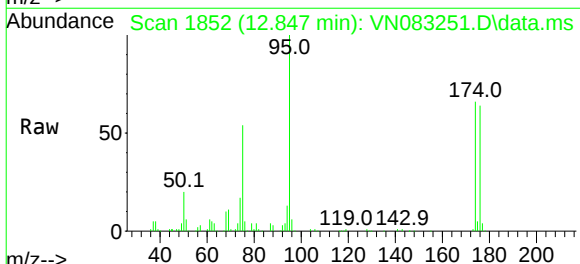
Tgt Ion: 95 Resp: 146778

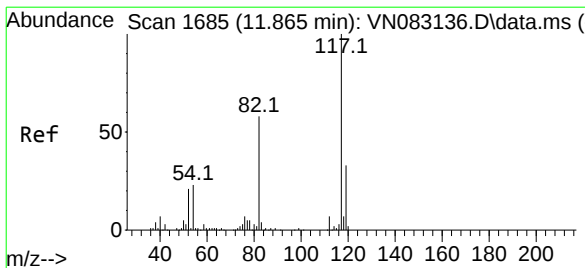
Ion Ratio Lower Upper

95 100

174 70.0 0.0 159.2

176 67.0 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: VN083251.D

Acq: 13 Aug 2024 12:30

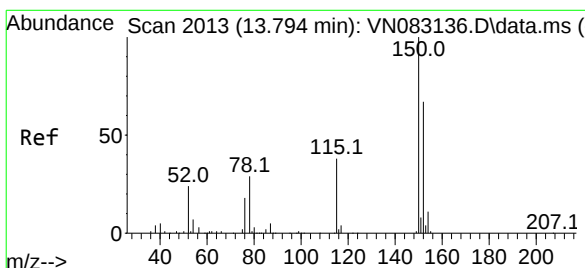
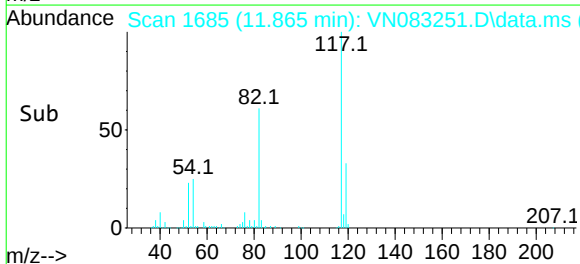
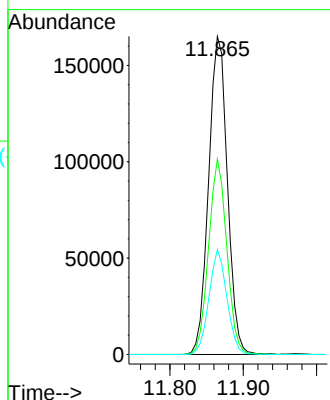
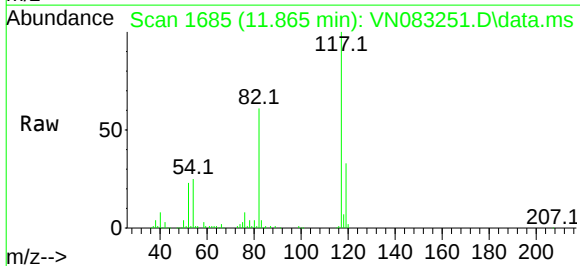
Instrument :

MSVOA_N

ClientSampleId :

923-K1-WS-080124

Tgt Ion:	117	Resp:	294026
Ion	Ratio	Lower	Upper
117	100		
82	61.4	47.5	71.3
119	33.0	25.6	38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN083251.D

Acq: 13 Aug 2024 12:30

Tgt Ion:	152	Resp:	131455
Ion	Ratio	Lower	Upper
152	100		
115	63.1	30.6	91.6
150	157.1	0.0	348.6

