

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081324\
 Data File : VN083268.D
 Acq On : 13 Aug 2024 19:21
 Operator : JC\MD
 Sample : PB162644TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB162644TB

Quant Time: Aug 14 01:48:58 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)

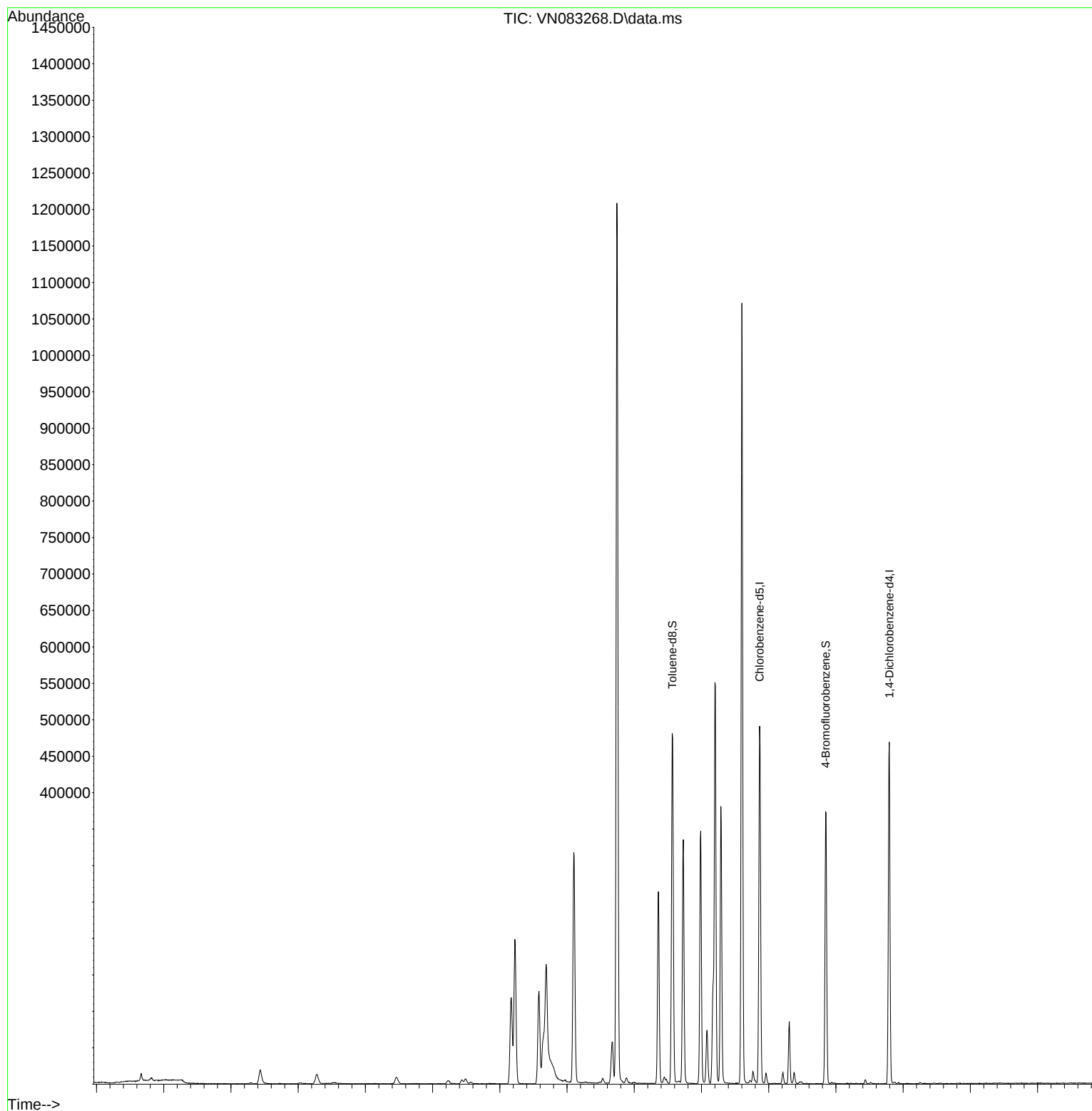
Internal Standards						
1) Pentafluorobenzene	8.224	168	133811	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	267379	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	279494	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	123397	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	108638	57.038	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	114.080%	
35) Dibromofluoromethane	8.165	113	86330	51.728	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	103.460%	
50) Toluene-d8	10.565	98	332584	53.423	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	106.840%	
62) 4-Bromofluorobenzene	12.847	95	139503	57.478	ug/l	0.00
Spiked Amount	50.000	Range 64 - 133	Recovery	=	114.960%	
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	36615	49.129	ug/l	93
20) Methylene Chloride	5.277	84	9950	5.801	ug/l	81
25) 2-Butanone	7.489	43	11712	10.235	ug/l #	87
43) Isopropyl Acetate	8.688	43	320021	66.590	ug/l #	77

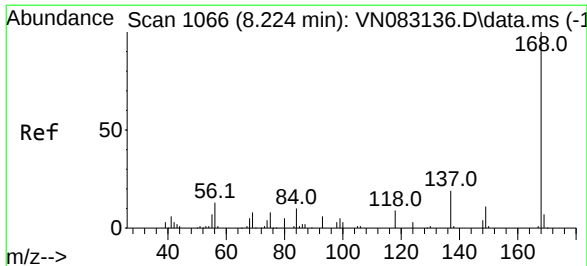
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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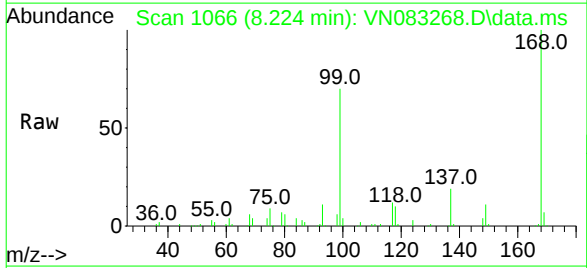
Quant Time: Aug 14 01:48:58 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
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QLast Update : Thu Aug 08 06:30:41 2024
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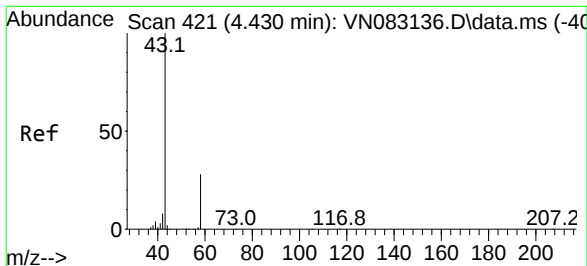
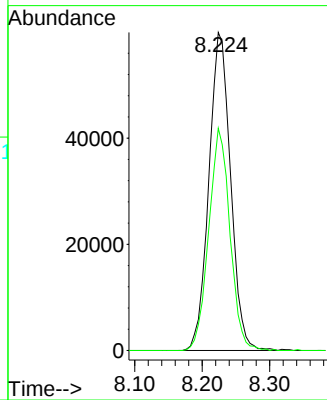
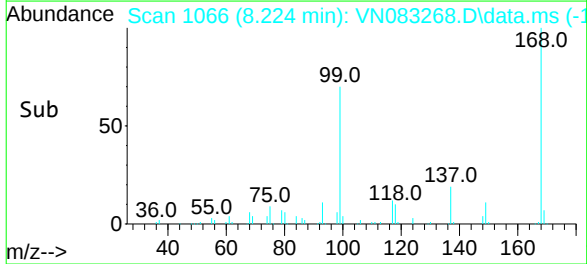


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083268.D
Acq: 13 Aug 2024 19:21

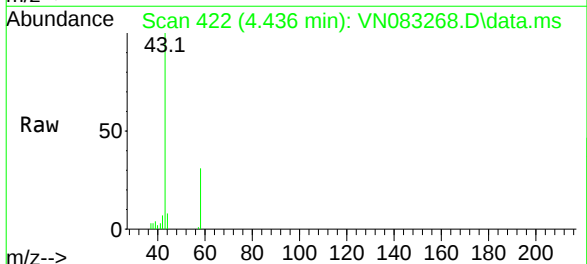
Instrument :
MSVOA_N
ClientSampleId :
PB162644TB



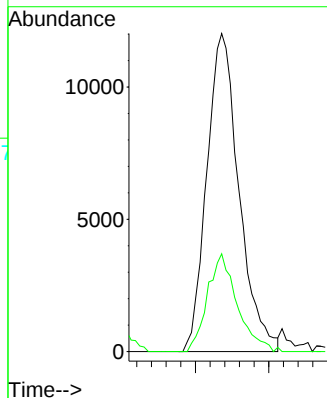
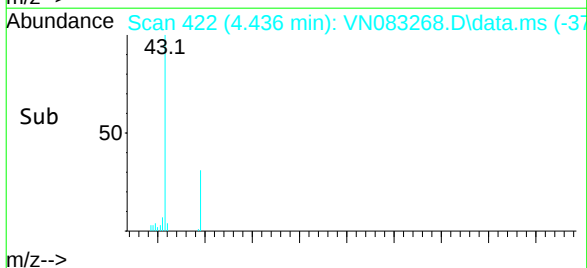
Tgt Ion:168 Resp: 133811
Ion Ratio Lower Upper
168 100
99 69.9 48.2 72.4

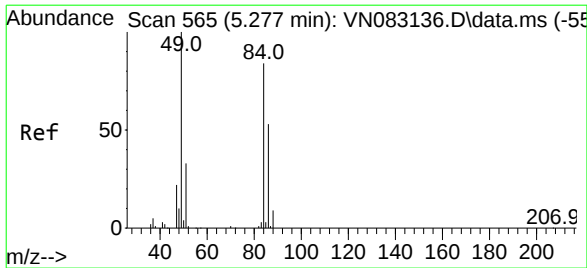


#16
Acetone
Concen: 49.129 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN083268.D
Acq: 13 Aug 2024 19:21



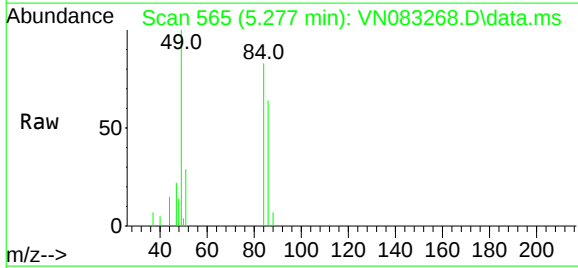
Tgt Ion: 43 Resp: 36615
Ion Ratio Lower Upper
43 100
58 30.7 21.8 32.6



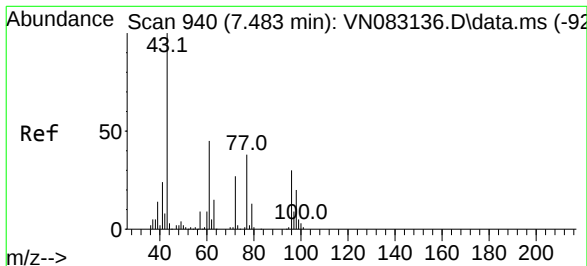
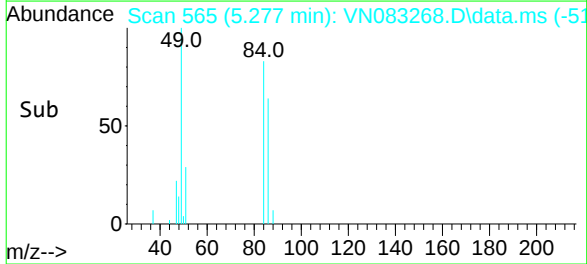
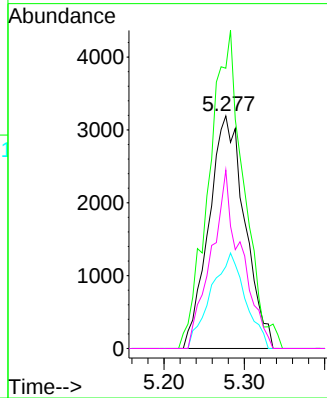


#20
Methylene Chloride
Concen: 5.801 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN083268.D
Acq: 13 Aug 2024 19:21

Instrument :
MSVOA_N
ClientSampleId :
PB162644TB

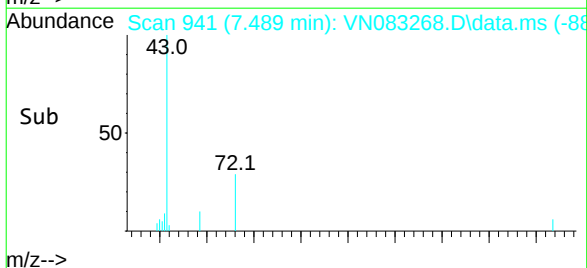
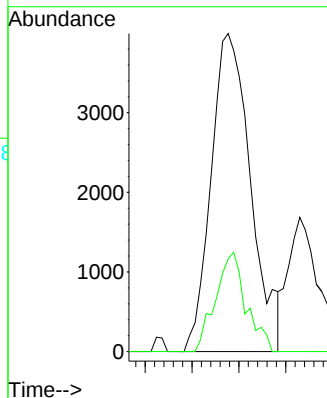
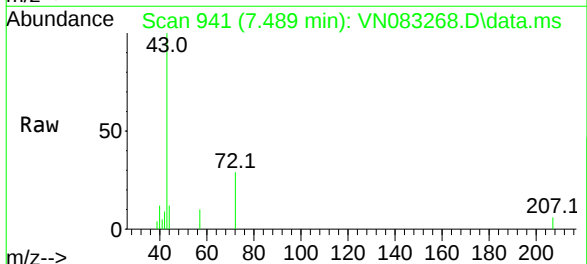


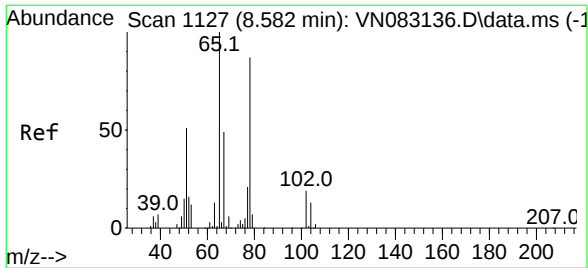
Tgt Ion: 84 Resp: 9950
Ion Ratio Lower Upper
84 100
49 120.5 119.6 179.4
51 35.2 34.8 52.2
86 76.7 52.9 79.3



#25
2-Butanone
Concen: 10.235 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN083268.D
Acq: 13 Aug 2024 19:21

Tgt Ion: 43 Resp: 11712
Ion Ratio Lower Upper
43 100
72 29.2 18.2 27.2#

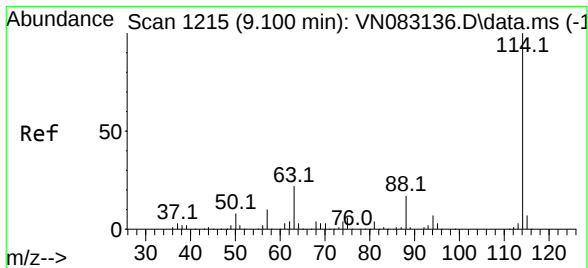
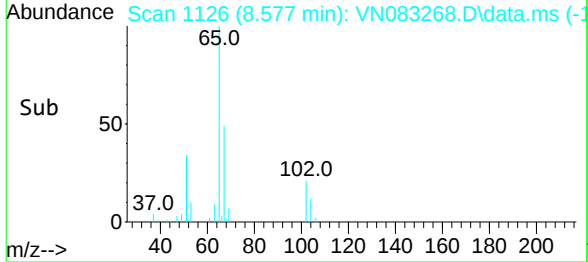
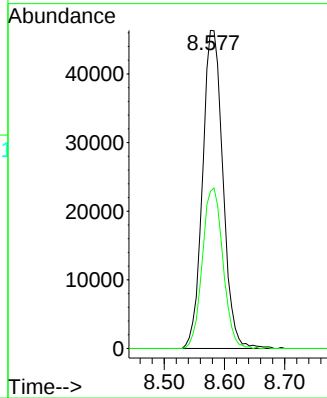
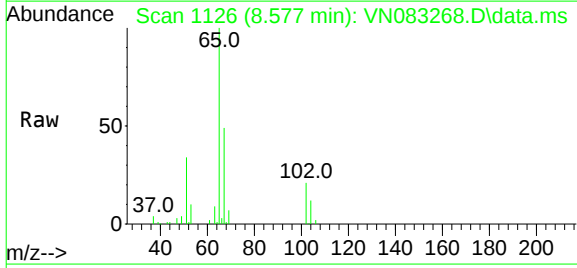




#33
1,2-Dichloroethane-d4
Concen: 57.038 ug/l
RT: 8.577 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VN083268.D
Acq: 13 Aug 2024 19:21

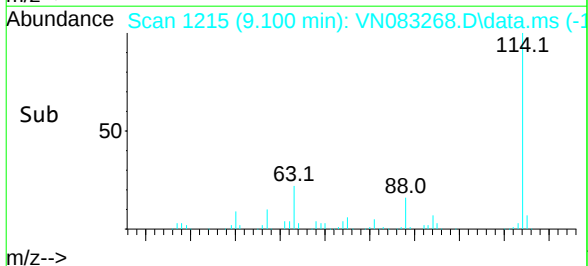
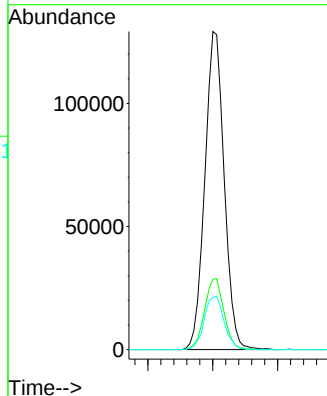
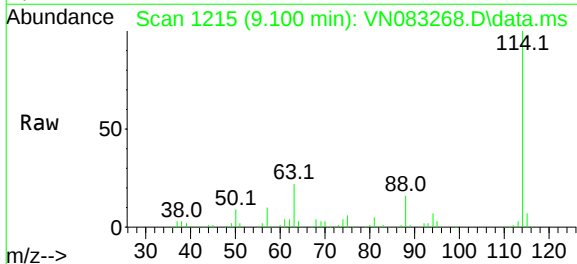
Instrument :
MSVOA_N
ClientSampleId :
PB162644TB

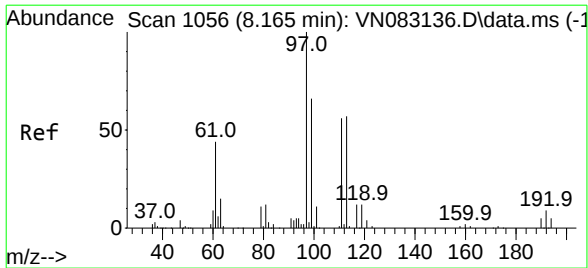
Tgt Ion: 65 Resp: 108638
Ion Ratio Lower Upper
65 100
67 51.0 0.0 104.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN083268.D
Acq: 13 Aug 2024 19:21

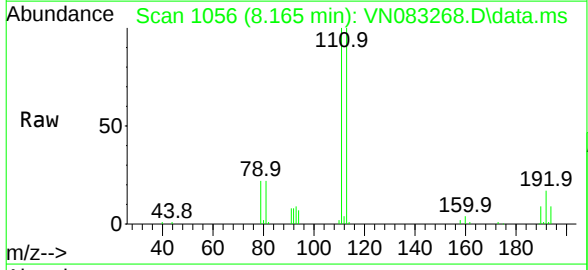
Tgt Ion: 114 Resp: 267379
Ion Ratio Lower Upper
114 100
63 22.1 0.0 44.6
88 16.4 0.0 31.4



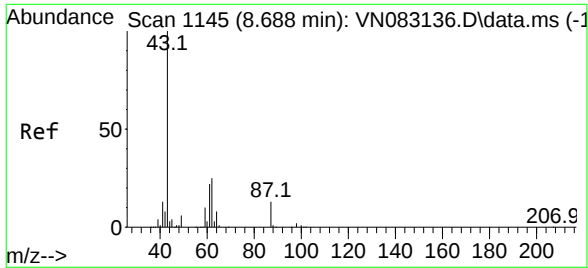
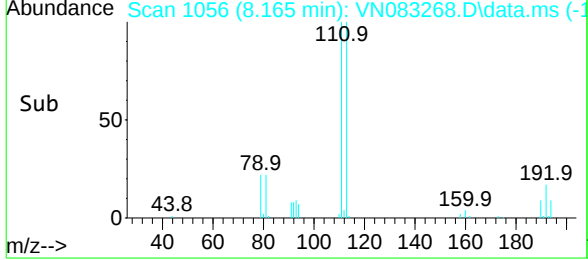
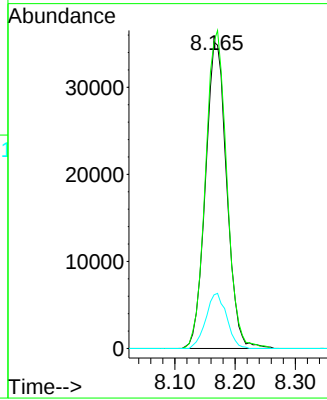


#35
 Dibromofluoromethane
 Concen: 51.728 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.000 min
 Lab File: VN083268.D
 Acq: 13 Aug 2024 19:21

Instrument :
 MSVOA_N
 ClientSampleId :
 PB162644TB

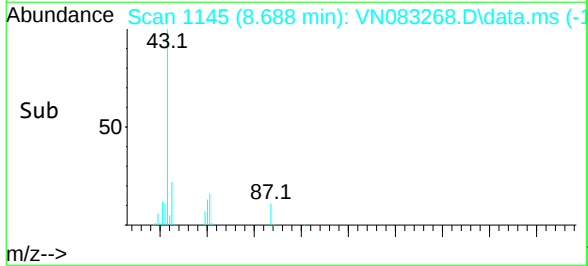
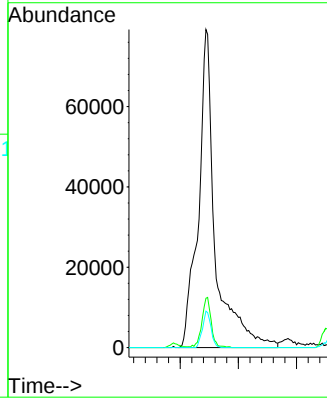
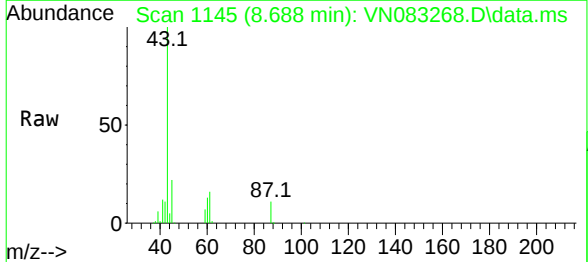


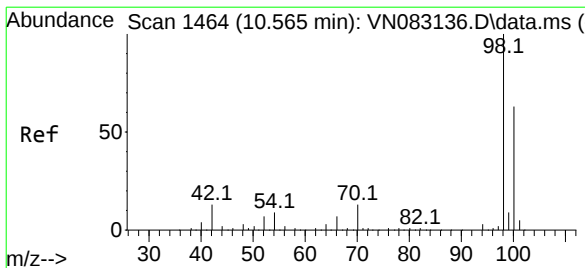
Tgt Ion:	113	Resp:	86330
Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.4	123.6
192	17.5	14.9	22.3



#43
 Isopropyl Acetate
 Concen: 66.590 ug/l
 RT: 8.688 min Scan# 1145
 Delta R.T. 0.000 min
 Lab File: VN083268.D
 Acq: 13 Aug 2024 19:21

Tgt Ion:	43	Resp:	320021
Ion	Ratio	Lower	Upper
43	100		
61	8.7	17.8	26.6#
87	5.7	8.2	12.2#





#50

Toluene-d8

Concen: 53.423 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN083268.D

Acq: 13 Aug 2024 19:21

Instrument :

MSVOA_N

ClientSampleId :

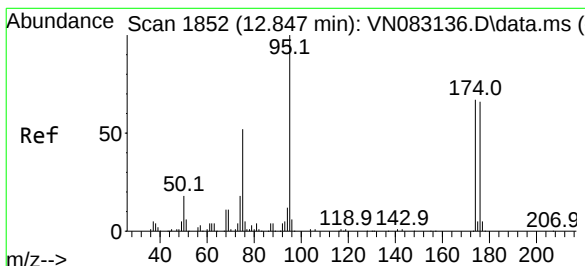
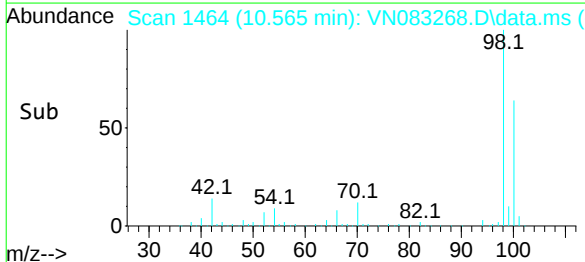
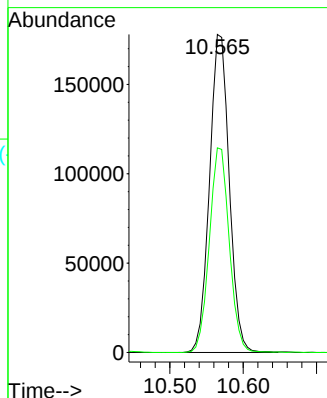
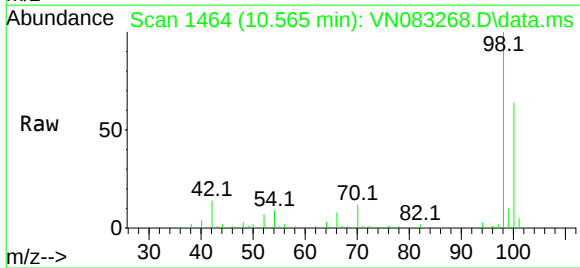
PB162644TB

Tgt Ion: 98 Resp: 332584

Ion Ratio Lower Upper

98 100

100 64.9 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 57.478 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN083268.D

Acq: 13 Aug 2024 19:21

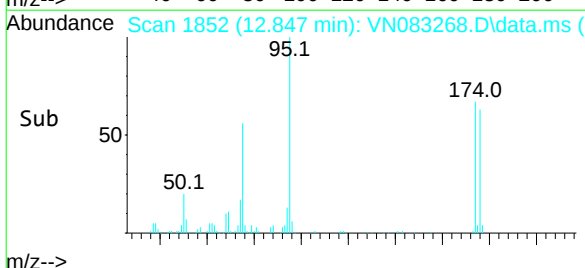
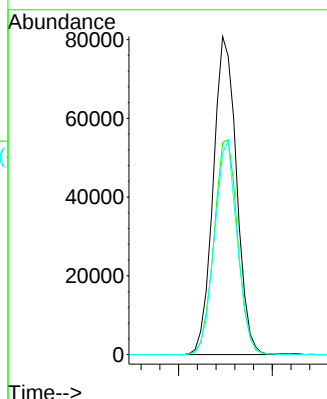
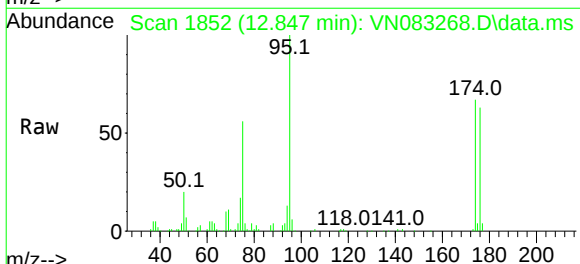
Tgt Ion: 95 Resp: 139503

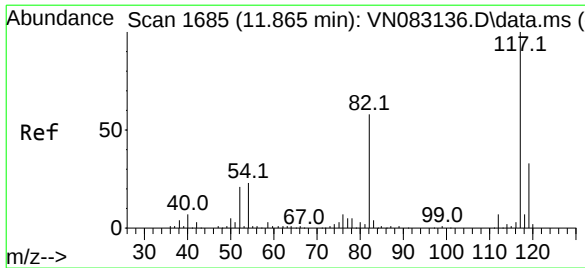
Ion Ratio Lower Upper

95 100

174 68.6 0.0 159.2

176 65.8 0.0 147.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 16

Delta R.T. 0.000 min

Lab File: VN083268.D

Acq: 13 Aug 2024 19:21

Instrument :

MSVOA_N

ClientSampleId :

PB162644TB

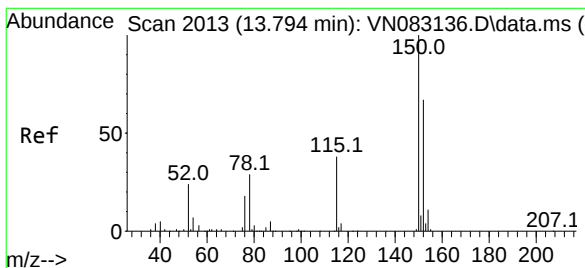
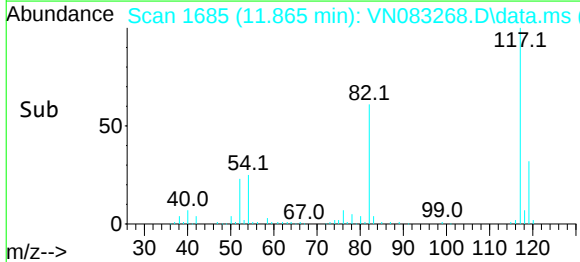
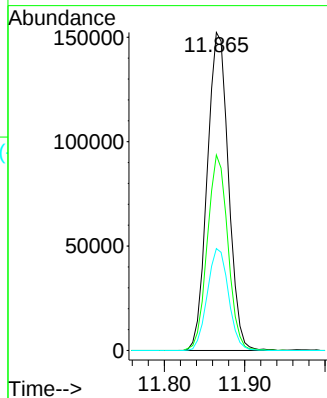
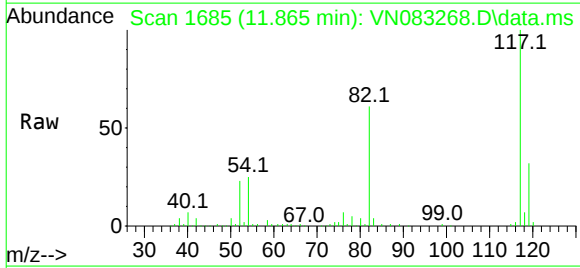
Tgt Ion:117 Resp: 279494

Ion Ratio Lower Upper

117 100

82 61.5 47.5 71.3

119 32.0 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: VN083268.D

Acq: 13 Aug 2024 19:21

Tgt Ion:152 Resp: 123397

Ion Ratio Lower Upper

152 100

115 63.6 30.6 91.6

150 156.6 0.0 348.6

