

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081424\
 Data File : VN083313.D
 Acq On : 14 Aug 2024 20:07
 Operator : JC\MD
 Sample : PB162684TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB162684TB

Quant Time: Aug 14 23:26:39 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)

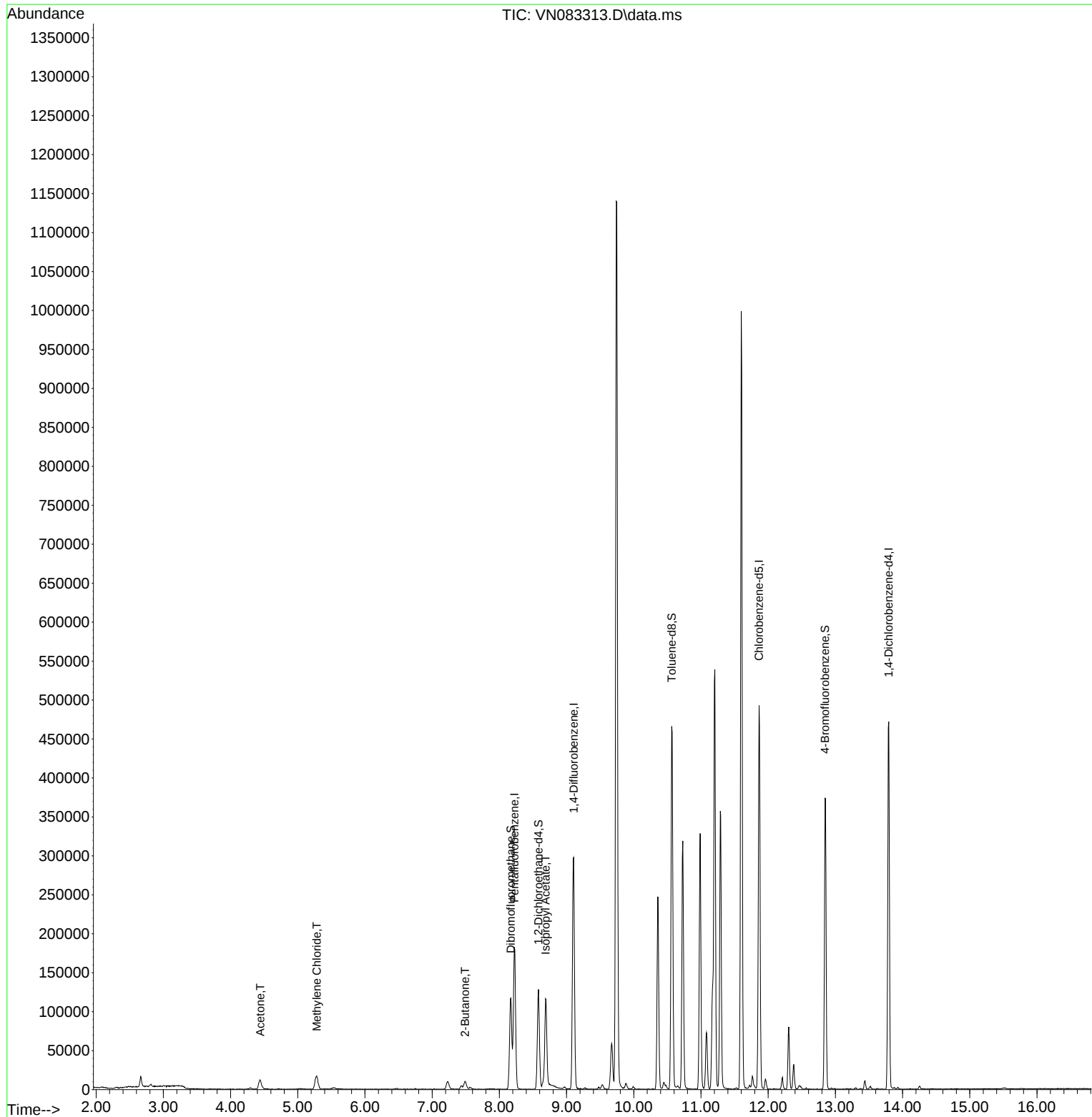
Internal Standards						
1) Pentafluorobenzene	8.224	168	128089	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	254196	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	274194	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	123345	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	105493	57.861	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 115.720%	
35) Dibromofluoromethane	8.171	113	84338	53.155	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.320%	
50) Toluene-d8	10.565	98	319511	53.985	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 107.960%	
62) 4-Bromofluorobenzene	12.847	95	133649	57.922	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 115.840%	
Target Compounds						
					Qvalue	
16) Acetone	4.441	43	23627	33.118	ug/l	99
20) Methylene Chloride	5.283	84	12752	7.767	ug/l	84
25) 2-Butanone	7.488	43	16928	15.453	ug/l	92
43) Isopropyl Acetate	8.688	43	153377	31.921	ug/l #	90

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

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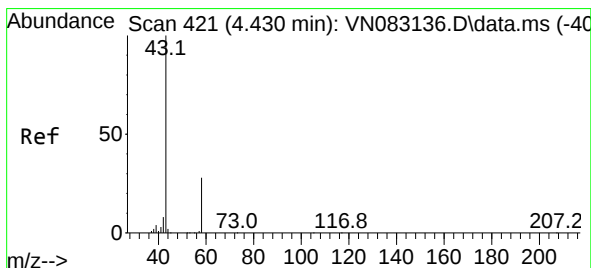
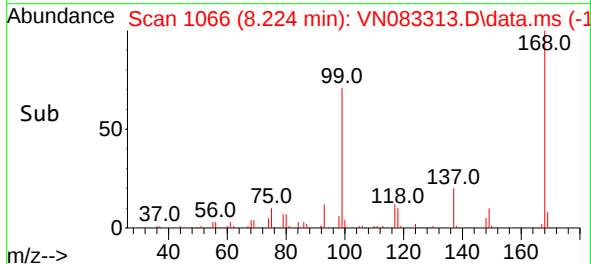
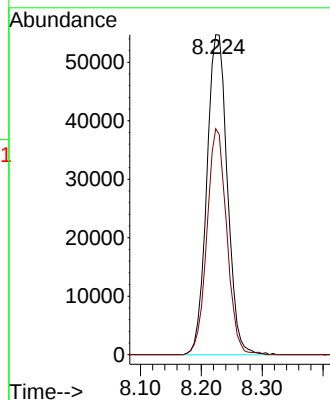
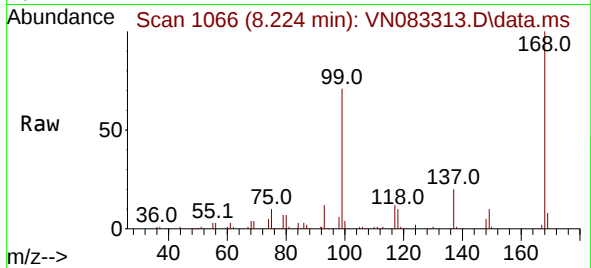




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083313.D
Acq: 14 Aug 2024 20:07

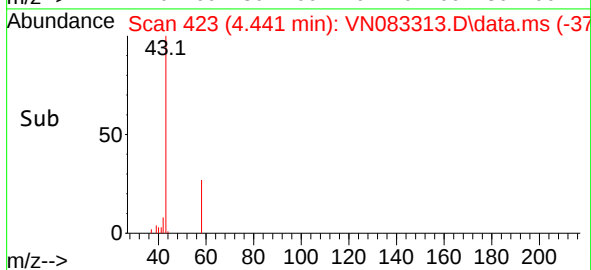
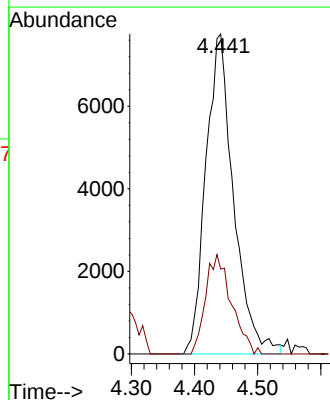
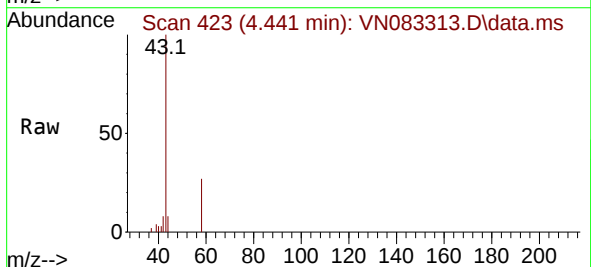
Instrument :
MSVOA_N
ClientSampleId :
PB162684TB

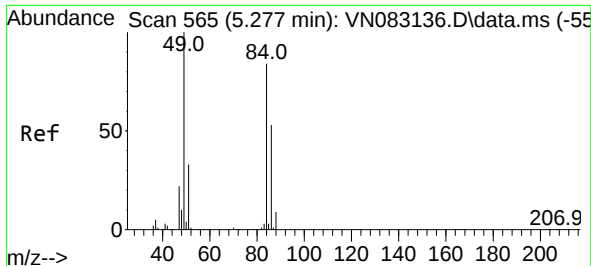
Tgt Ion:168 Resp: 128089
Ion Ratio Lower Upper
168 100
99 70.6 48.2 72.4



#16
Acetone
Concen: 33.118 ug/l
RT: 4.441 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN083313.D
Acq: 14 Aug 2024 20:07

Tgt Ion: 43 Resp: 23627
Ion Ratio Lower Upper
43 100
58 26.5 21.8 32.6

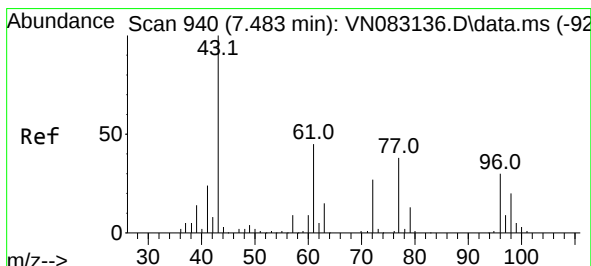
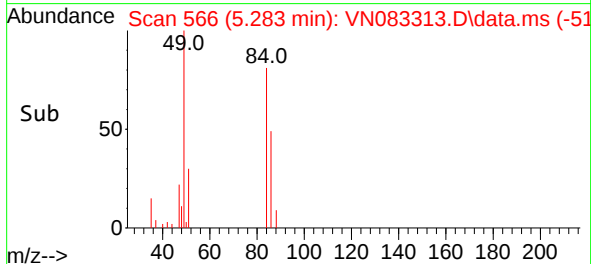
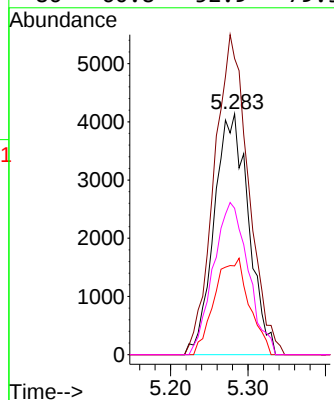
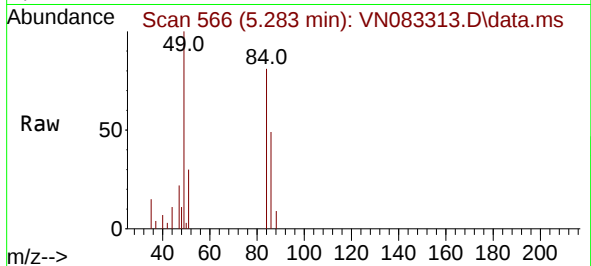




#20
Methylene Chloride
Concen: 7.767 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN083313.D
Acq: 14 Aug 2024 20:07

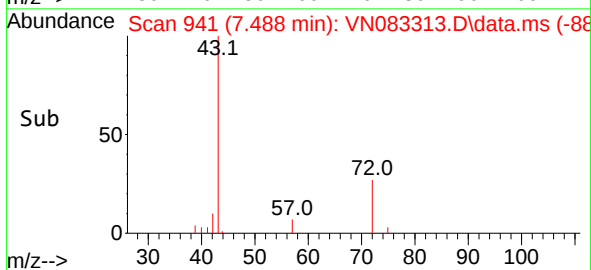
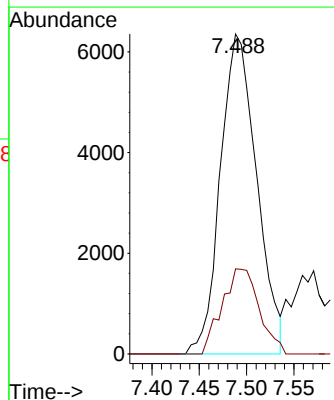
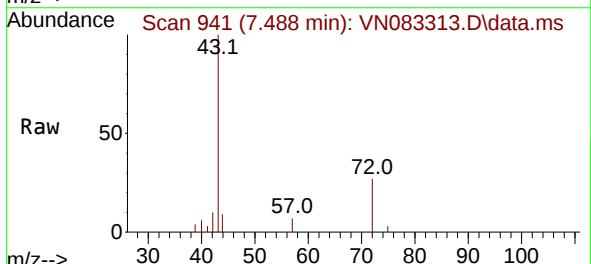
Instrument :
MSVOA_N
ClientSampleId :
PB162684TB

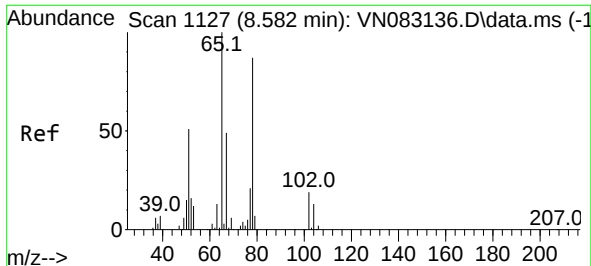
Tgt Ion:	84	Resp:	12752
Ion	Ratio	Lower	Upper
84	100		
49	123.0	119.6	179.4
51	36.9	34.8	52.2
86	60.8	52.9	79.3



#25
2-Butanone
Concen: 15.453 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN083313.D
Acq: 14 Aug 2024 20:07

Tgt Ion:	43	Resp:	16928
Ion	Ratio	Lower	Upper
43	100		
72	26.6	18.2	27.2

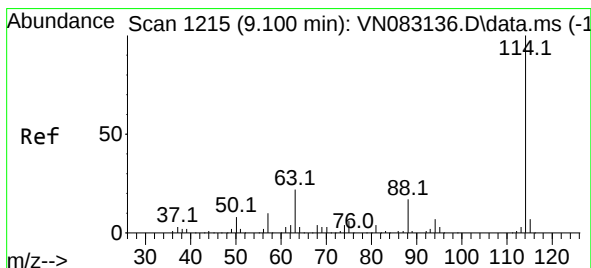
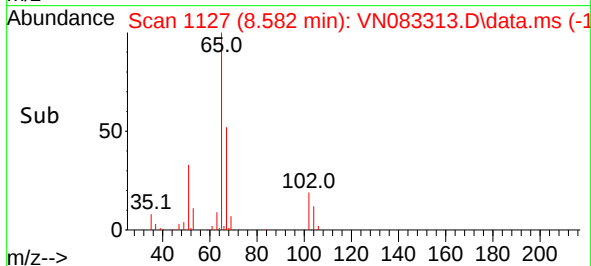
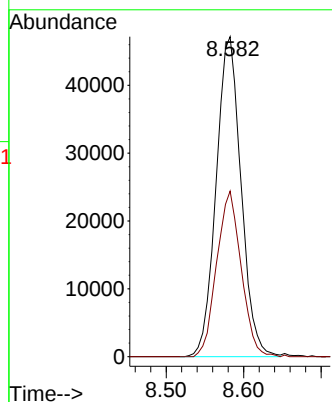
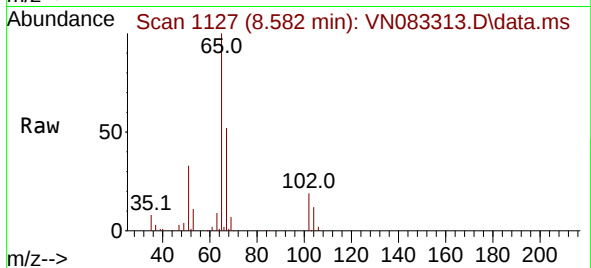




#33
 1,2-Dichloroethane-d4
 Concen: 57.861 ug/l
 RT: 8.582 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VN083313.D
 Acq: 14 Aug 2024 20:07

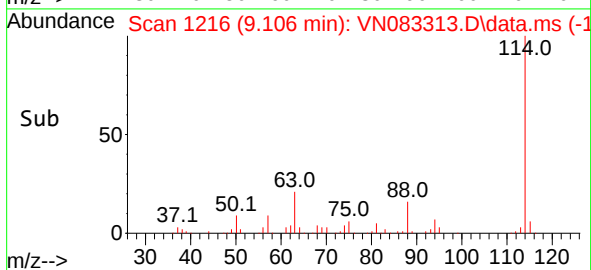
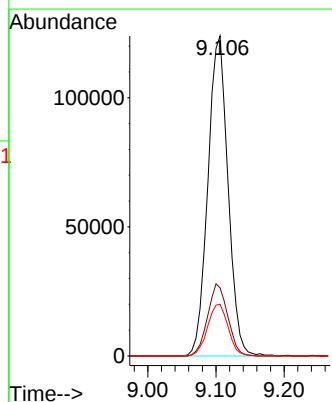
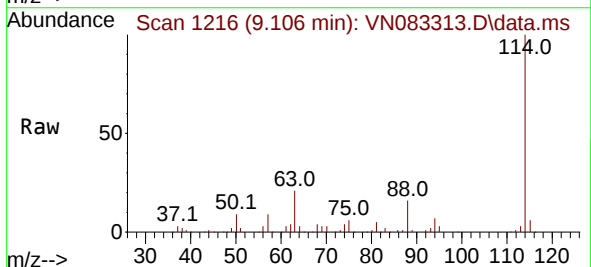
Instrument :
 MSVOA_N
 ClientSampleId :
 PB162684TB

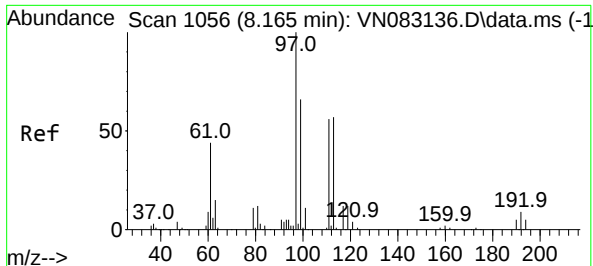
Tgt Ion: 65 Resp: 105493
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. 0.006 min
 Lab File: VN083313.D
 Acq: 14 Aug 2024 20:07

Tgt Ion: 114 Resp: 254196
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 44.6
 88 16.2 0.0 31.4





#35

Dibromofluoromethane

Concen: 53.155 ug/l

RT: 8.171 min Scan# 1107

Delta R.T. 0.006 min

Lab File: VN083313.D

Acq: 14 Aug 2024 20:07

Instrument :

MSVOA_N

ClientSampleId :

PB162684TB

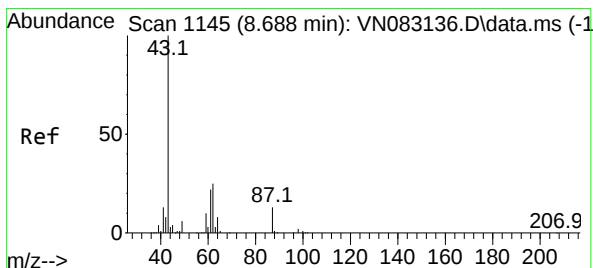
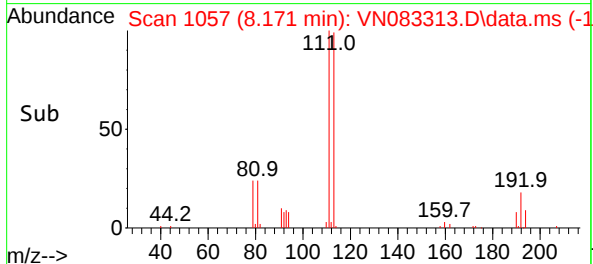
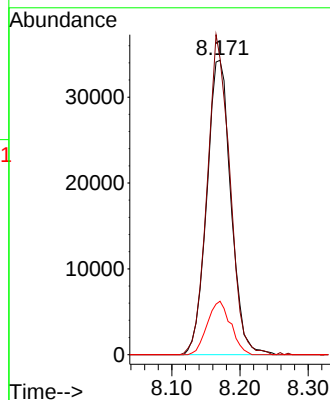
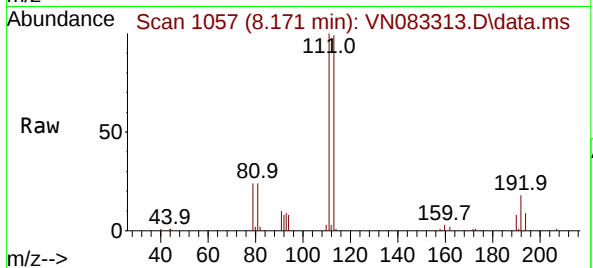
Tgt Ion:113 Resp: 84338

Ion Ratio Lower Upper

113 100

111 102.0 82.4 123.6

192 17.7 14.9 22.3



#43

Isopropyl Acetate

Concen: 31.921 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN083313.D

Acq: 14 Aug 2024 20:07

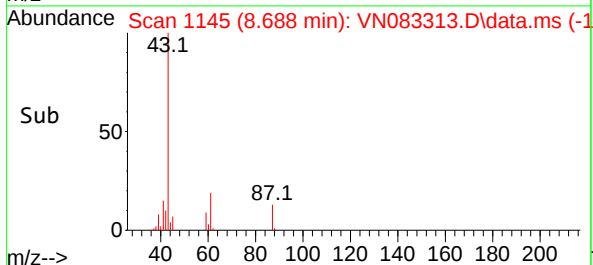
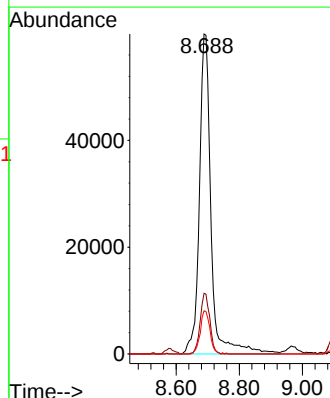
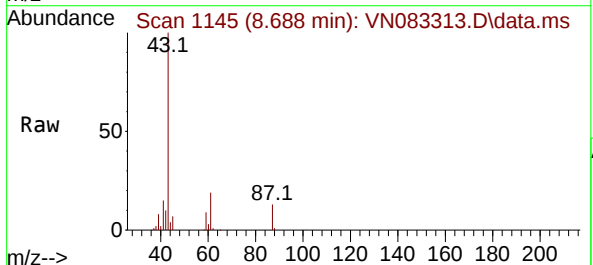
Tgt Ion: 43 Resp: 153377

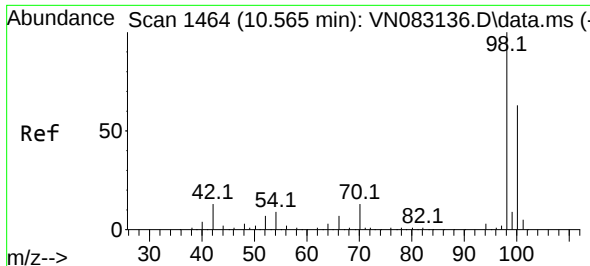
Ion Ratio Lower Upper

43 100

61 15.6 17.8 26.6#

87 11.1 8.2 12.2

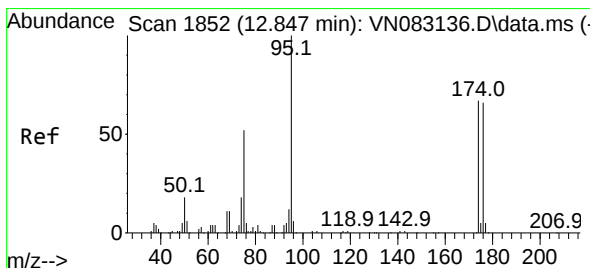
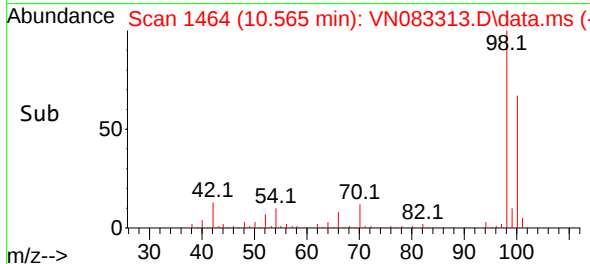
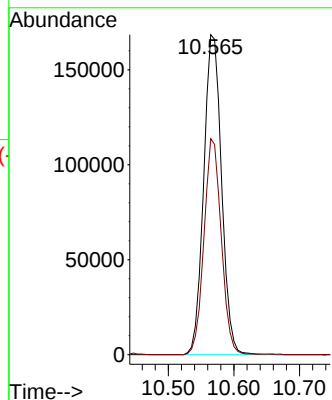
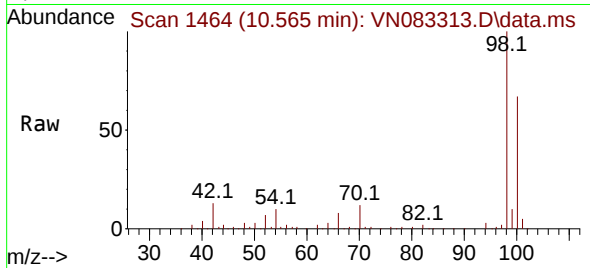




#50
Toluene-d8
Concen: 53.985 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083313.D
Acq: 14 Aug 2024 20:07

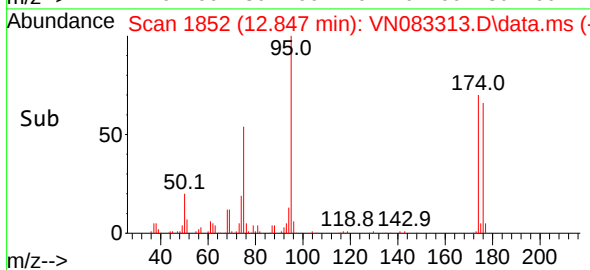
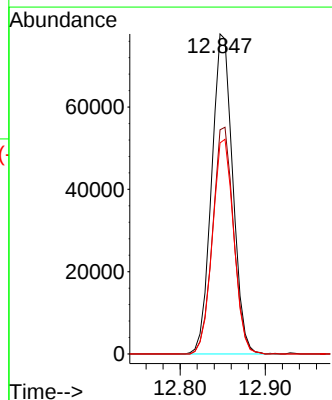
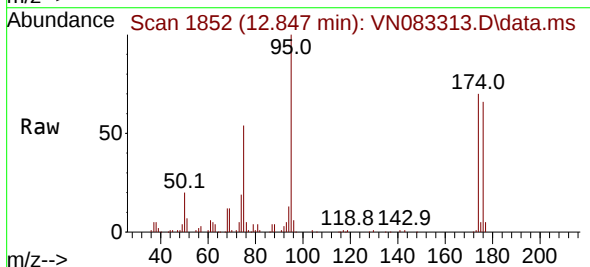
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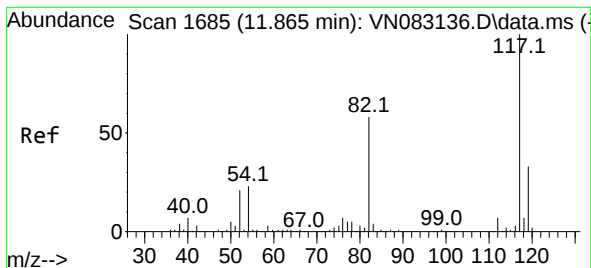
Tgt Ion: 98 Resp: 319511
Ion Ratio Lower Upper
98 100
100 65.3 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 57.922 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083313.D
Acq: 14 Aug 2024 20:07

Tgt Ion: 95 Resp: 133649
Ion Ratio Lower Upper
95 100
174 70.5 0.0 159.2
176 67.6 0.0 147.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN083313.D

Acq: 14 Aug 2024 20:07

Instrument :

MSVOA_N

ClientSampleId :

PB162684TB

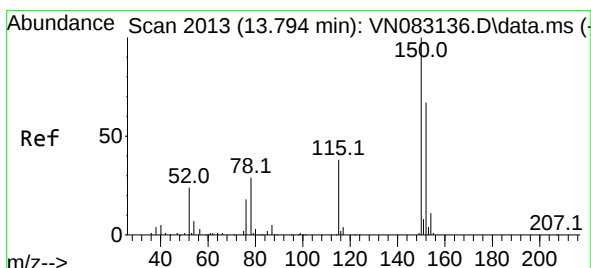
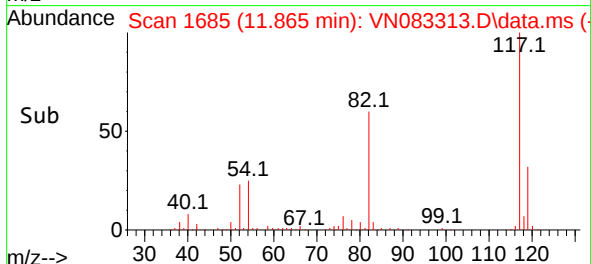
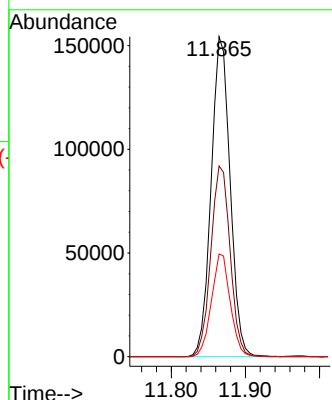
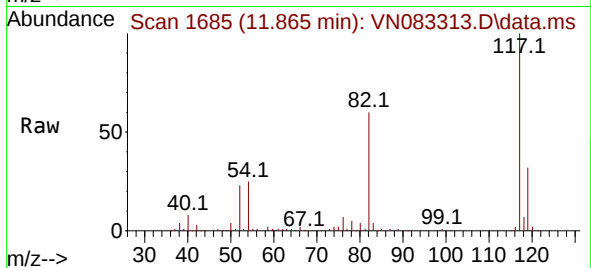
Tgt Ion:117 Resp: 274194

Ion Ratio Lower Upper

117 100

82 59.6 47.5 71.3

119 32.1 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: VN083313.D

Acq: 14 Aug 2024 20:07

Tgt Ion:152 Resp: 123345

Ion Ratio Lower Upper

152 100

115 65.3 30.6 91.6

150 159.3 0.0 348.6

