

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081224\
 Data File : VN083234.D
 Acq On : 12 Aug 2024 13:47
 Operator : JC\MD
 Sample : PB162664ZHE#01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB162664ZHE#01

Quant Time: Aug 13 04:17:55 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)

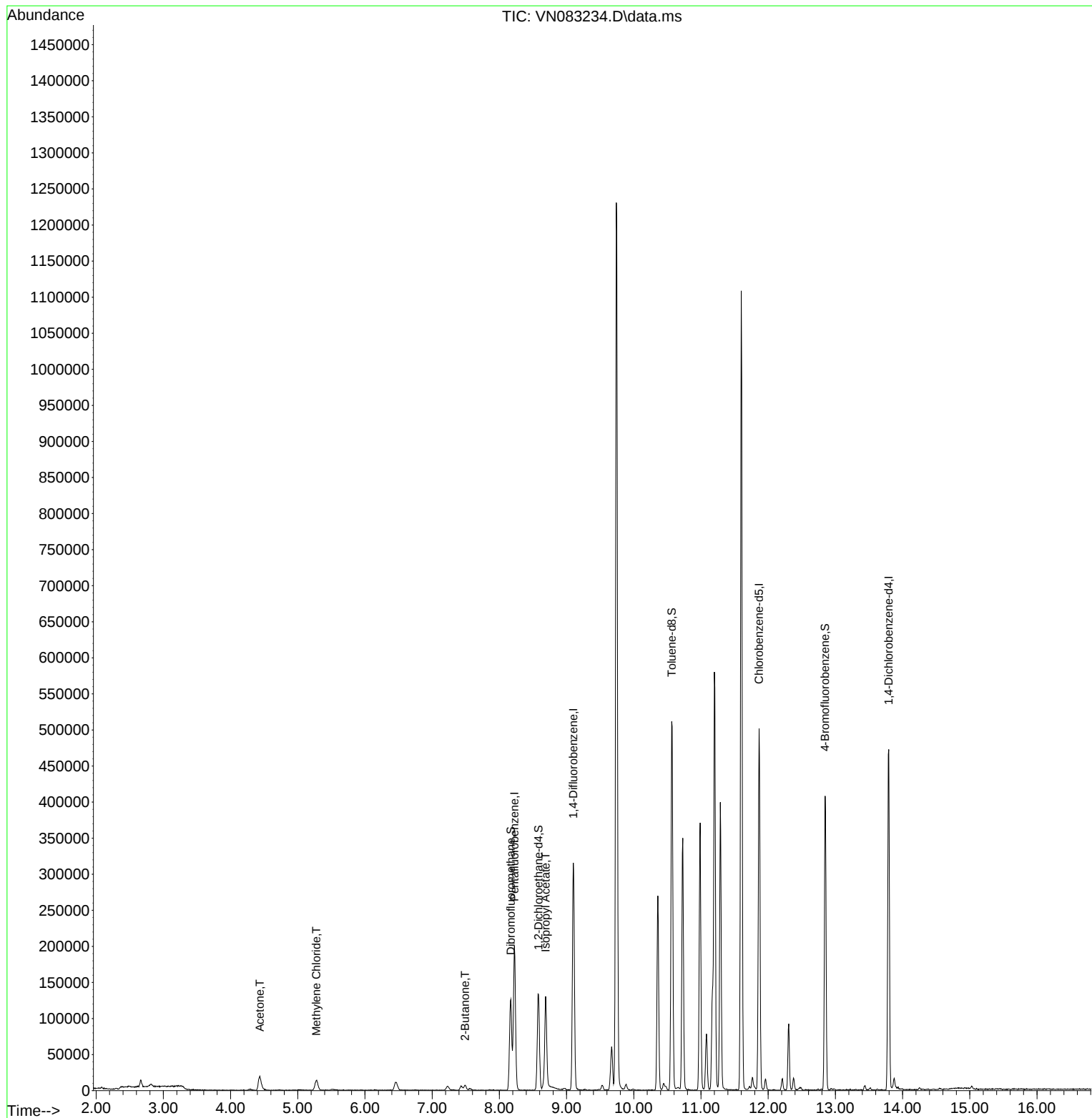
Internal Standards						
1) Pentafluorobenzene	8.224	168	135266	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	265142	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	276609	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	125087	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	115040	59.750	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	119.500%	
35) Dibromofluoromethane	8.171	113	90472	54.667	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	109.340%	
50) Toluene-d8	10.565	98	352080	57.032	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	114.060%#	
62) 4-Bromofluorobenzene	12.847	95	146036	60.678	ug/l	0.00
Spiked Amount	50.000	Range 64 - 133	Recovery	=	121.360%	
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	38455	51.043	ug/l	100
20) Methylene Chloride	5.277	84	10860	6.263	ug/l	80
25) 2-Butanone	7.488	43	11720	10.131	ug/l	95
43) Isopropyl Acetate	8.688	43	154659	30.780	ug/l #	91

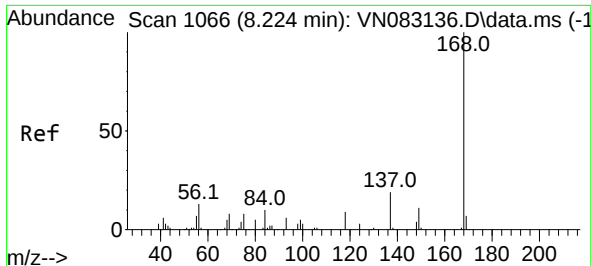
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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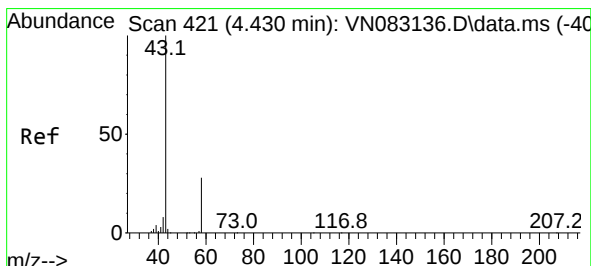
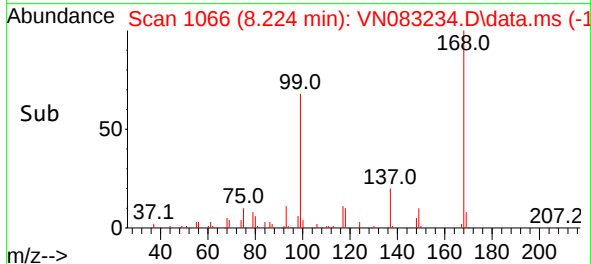
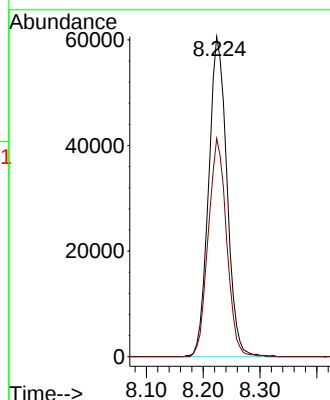
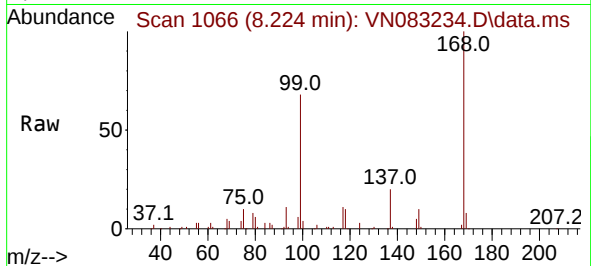




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083234.D
Acq: 12 Aug 2024 13:47

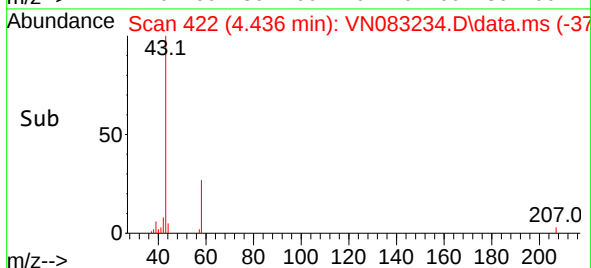
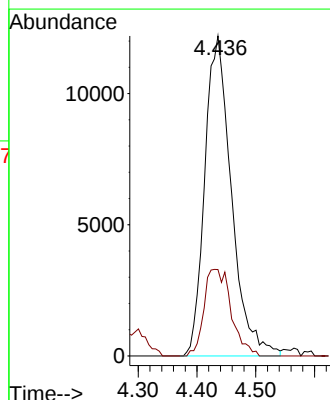
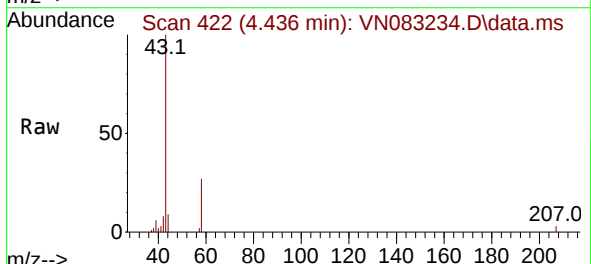
Instrument :
MSVOA_N
ClientSampleId :
PB162664ZHE#01

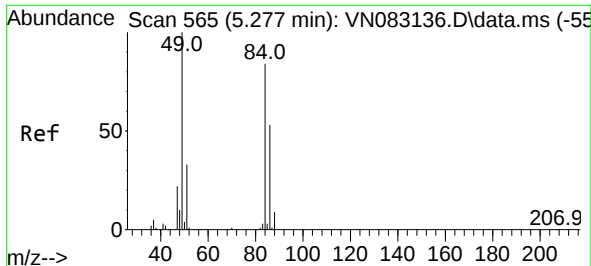
Tgt Ion:168 Resp: 135266
Ion Ratio Lower Upper
168 100
99 68.1 48.2 72.4



#16
Acetone
Concen: 51.043 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN083234.D
Acq: 12 Aug 2024 13:47

Tgt Ion: 43 Resp: 38455
Ion Ratio Lower Upper
43 100
58 27.0 21.8 32.6





#20

Methylene Chloride

Concen: 6.263 ug/l

RT: 5.277 min Scan# 5

Delta R.T. -0.000 min

Lab File: VN083234.D

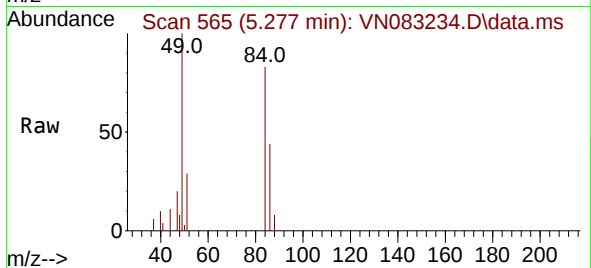
Acq: 12 Aug 2024 13:47

Instrument :

MSVOA_N

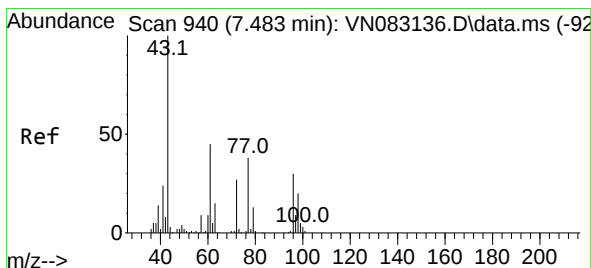
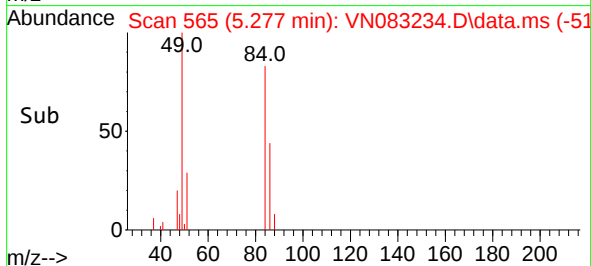
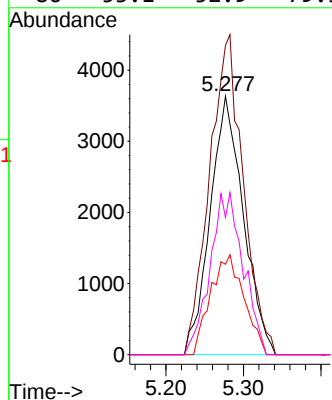
ClientSampleId :

PB162664ZHE#01



Tgt Ion: 84 Resp: 10860

Ion	Ratio	Lower	Upper
84	100		
49	119.8	119.6	179.4
51	35.0	34.8	52.2
86	53.1	52.9	79.3



#25

2-Butanone

Concen: 10.131 ug/l

RT: 7.488 min Scan# 941

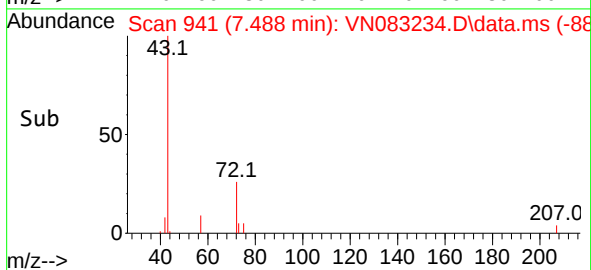
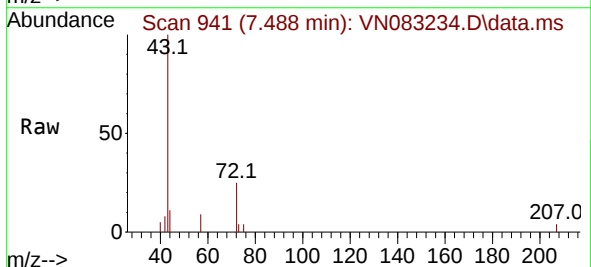
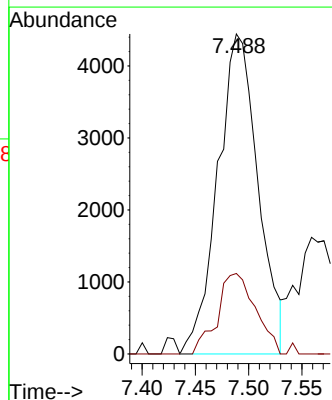
Delta R.T. 0.006 min

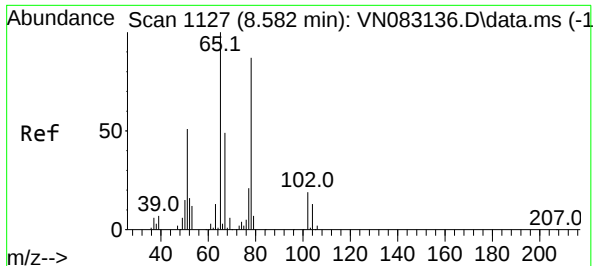
Lab File: VN083234.D

Acq: 12 Aug 2024 13:47

Tgt Ion: 43 Resp: 11720

Ion	Ratio	Lower	Upper
43	100		
72	25.2	18.2	27.2

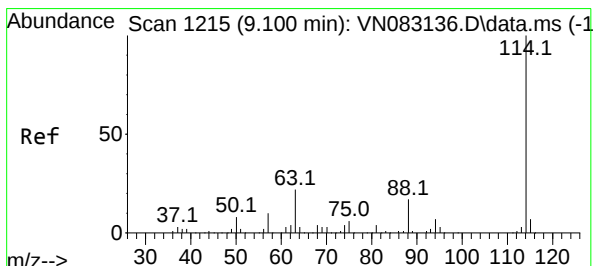
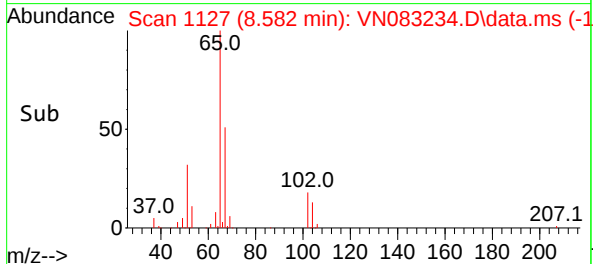
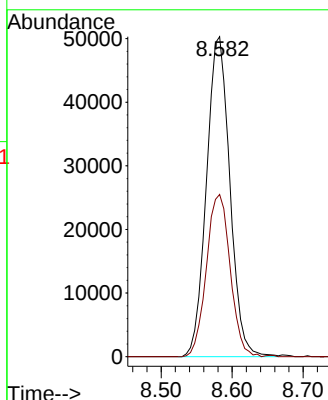
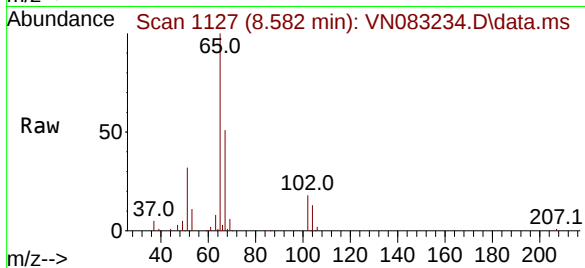




#33
 1,2-Dichloroethane-d4
 Concen: 59.750 ug/l
 RT: 8.582 min Scan# 1127
 Delta R.T. -0.000 min
 Lab File: VN083234.D
 Acq: 12 Aug 2024 13:47

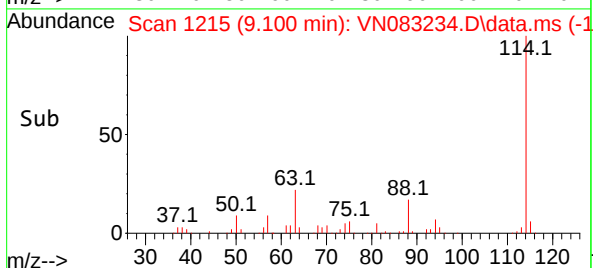
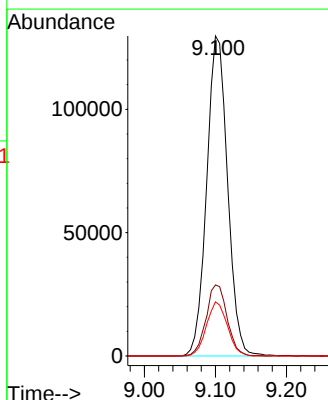
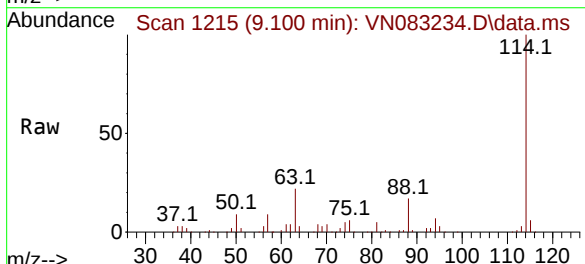
Instrument :
 MSVOA_N
 ClientSampleId :
 PB162664ZHE#01

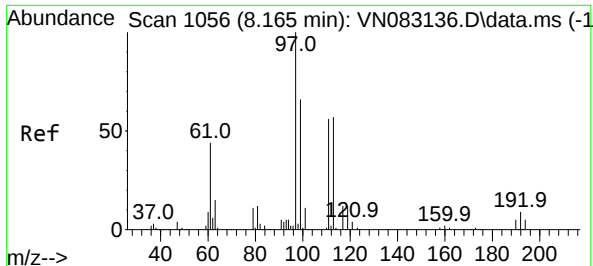
Tgt Ion: 65 Resp: 115040
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.000 min
 Lab File: VN083234.D
 Acq: 12 Aug 2024 13:47

Tgt Ion: 114 Resp: 265142
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 44.6
 88 16.9 0.0 31.4





#35

Dibromofluoromethane

Concen: 54.667 ug/l

RT: 8.171 min Scan# 1107

Delta R.T. 0.006 min

Lab File: VN083234.D

Acq: 12 Aug 2024 13:47

Instrument :

MSVOA_N

ClientSampleId :

PB162664ZHE#01

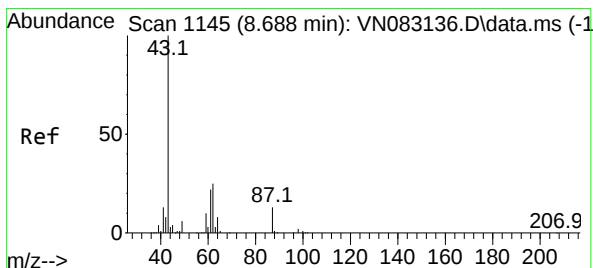
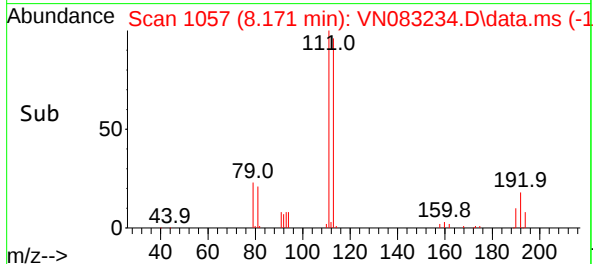
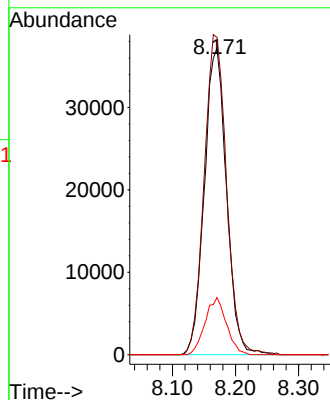
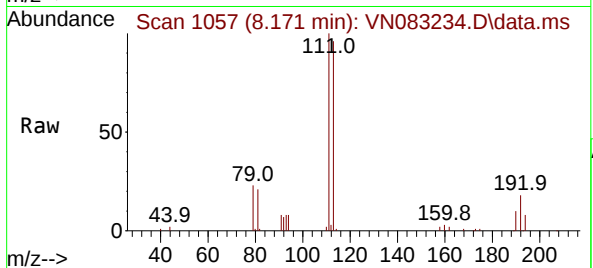
Tgt Ion:113 Resp: 90472

Ion Ratio Lower Upper

113 100

111 105.4 82.4 123.6

192 18.0 14.9 22.3



#43

Isopropyl Acetate

Concen: 30.780 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN083234.D

Acq: 12 Aug 2024 13:47

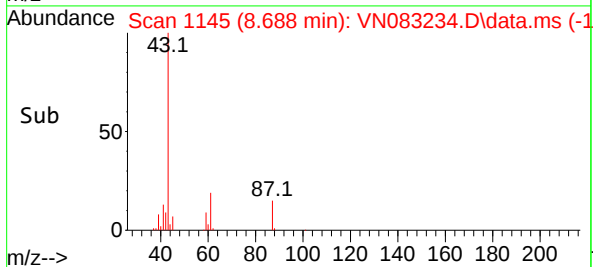
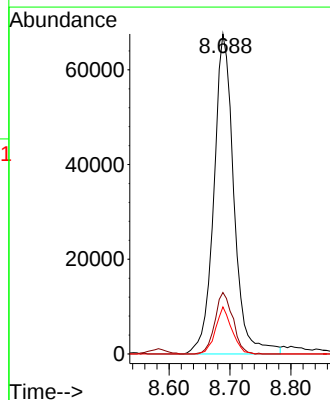
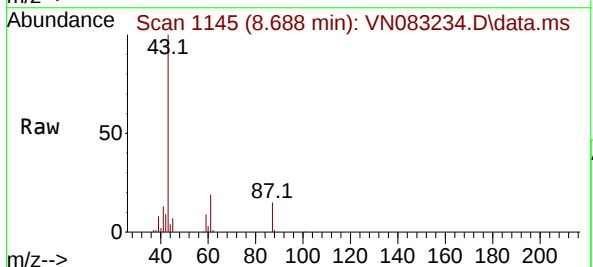
Tgt Ion: 43 Resp: 154659

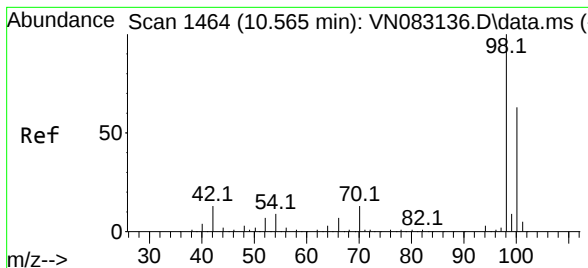
Ion Ratio Lower Upper

43 100

61 17.2 17.8 26.6#

87 11.9 8.2 12.2

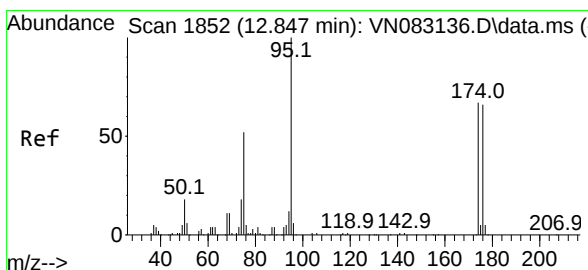
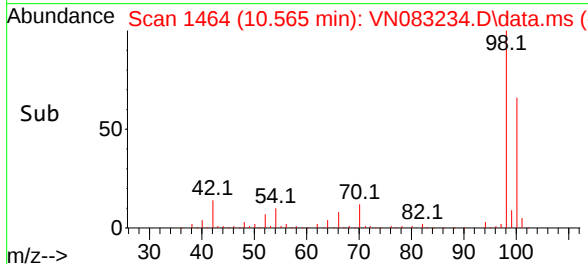
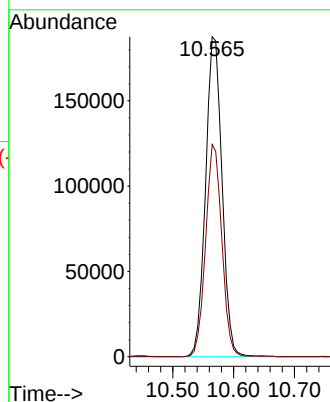
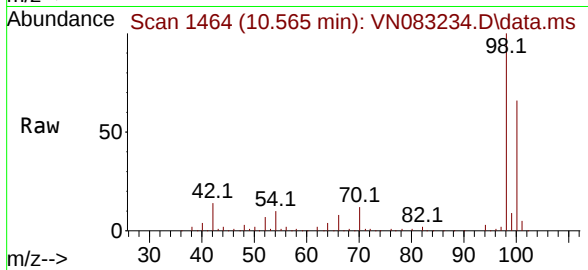




#50
Toluene-d8
Concen: 57.032 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083234.D
Acq: 12 Aug 2024 13:47

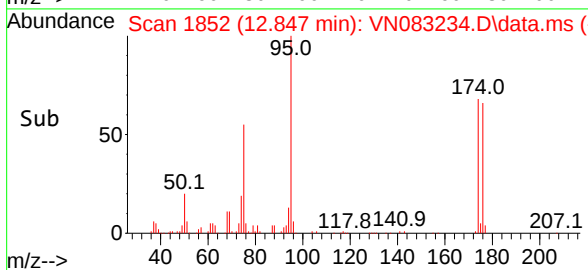
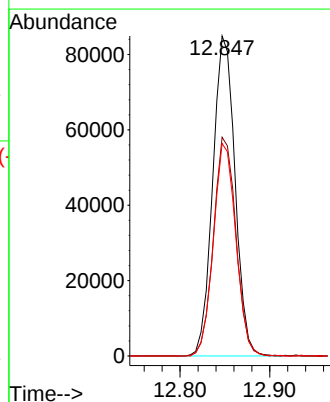
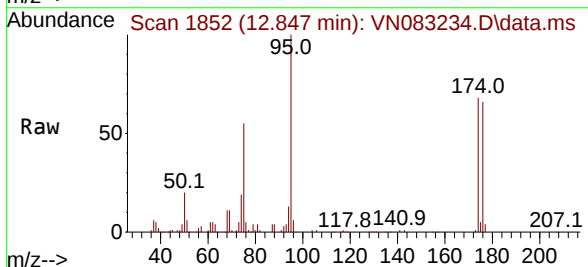
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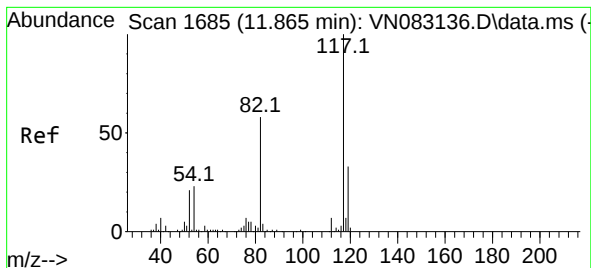
Tgt Ion: 98 Resp: 352080
Ion Ratio Lower Upper
98 100
100 65.3 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 60.678 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083234.D
Acq: 12 Aug 2024 13:47

Tgt Ion: 95 Resp: 146036
Ion Ratio Lower Upper
95 100
174 69.2 0.0 159.2
176 67.2 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: VN083234.D

Acq: 12 Aug 2024 13:47

Instrument :

MSVOA_N

ClientSampleId :

PB162664ZHE#01

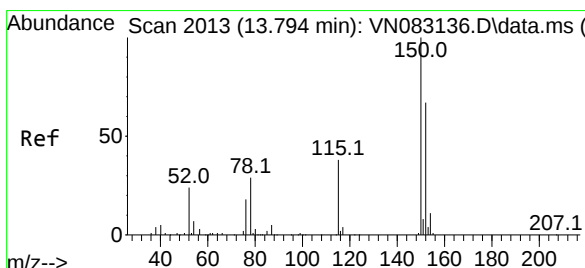
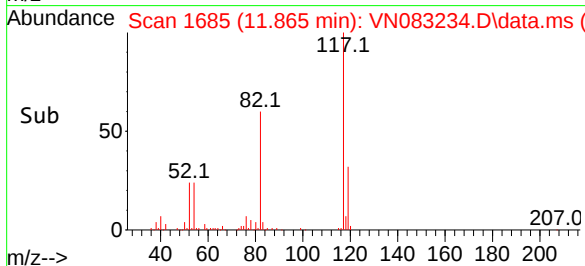
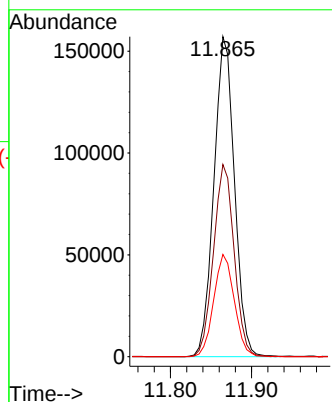
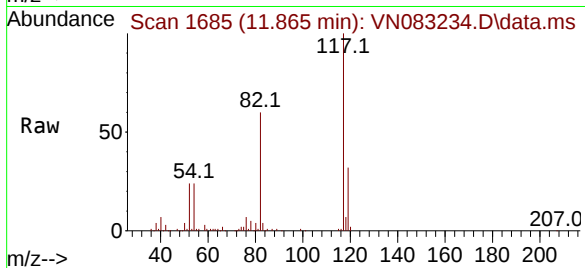
Tgt Ion:117 Resp: 276609

Ion Ratio Lower Upper

117 100

82 60.1 47.5 71.3

119 31.9 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: VN083234.D

Acq: 12 Aug 2024 13:47

Tgt Ion:152 Resp: 125087

Ion Ratio Lower Upper

152 100

115 64.6 30.6 91.6

150 157.8 0.0 348.6

