

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081224\
 Data File : VN083238.D
 Acq On : 12 Aug 2024 15:23
 Operator : JC\MD
 Sample : PB162664ZHE#05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB162664ZHE#05

Quant Time: Aug 13 04:20:26 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)

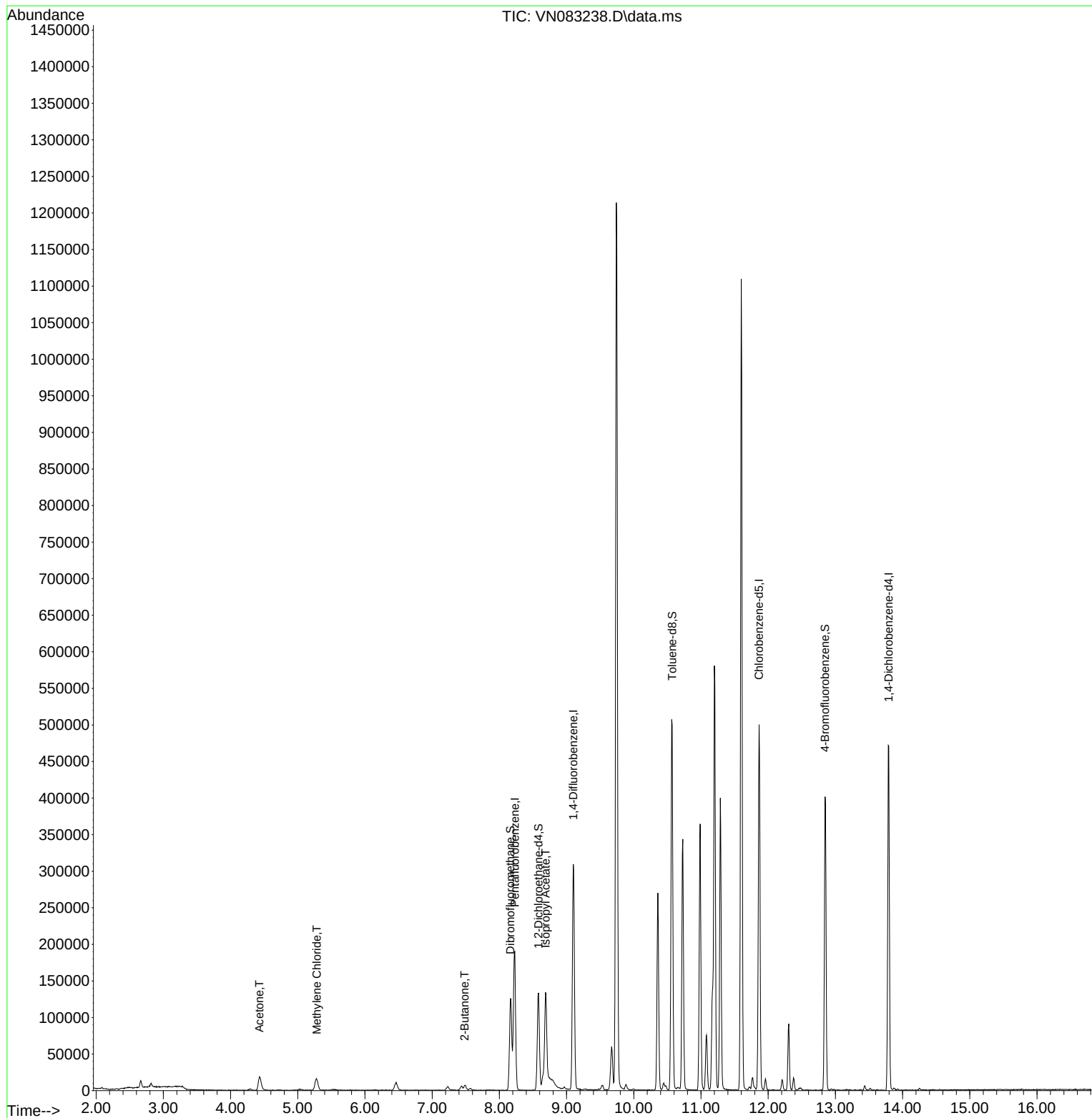
Internal Standards						
1) Pentafluorobenzene	8.230	168	134776	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	262871	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	272548	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	123280	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	114906	59.897	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 119.800%		
35) Dibromofluoromethane	8.165	113	90779	55.327	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 110.660%		
50) Toluene-d8	10.571	98	345456	56.442	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 112.880%		
62) 4-Bromofluorobenzene	12.847	95	146362	61.339	ug/l	0.00
Spiked Amount	50.000	Range 64 - 133	Recovery	= 122.680%		
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	37486	49.938	ug/l	98
20) Methylene Chloride	5.283	84	12750	7.380	ug/l #	73
25) 2-Butanone	7.482	43	12163	10.553	ug/l	92
43) Isopropyl Acetate	8.688	43	206183	42.301	ug/l #	86

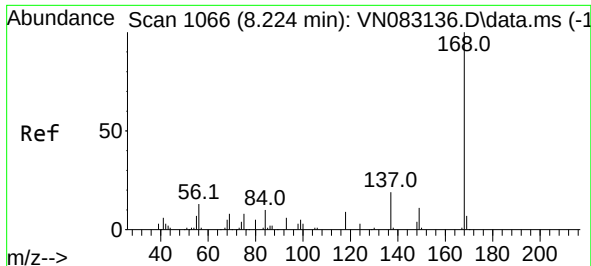
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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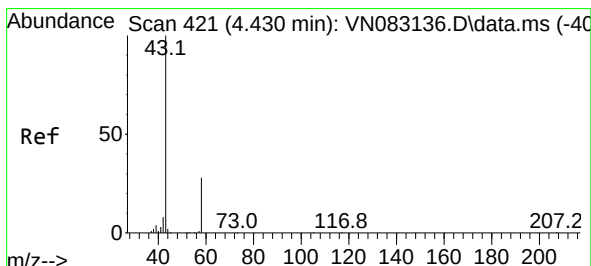
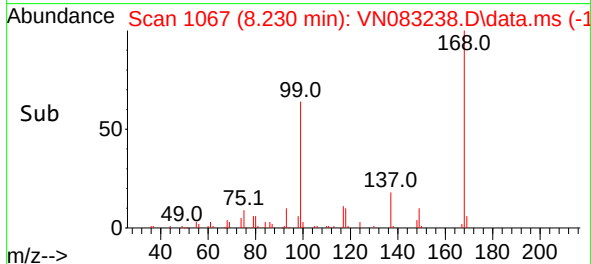
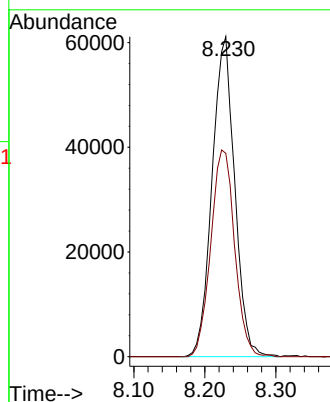
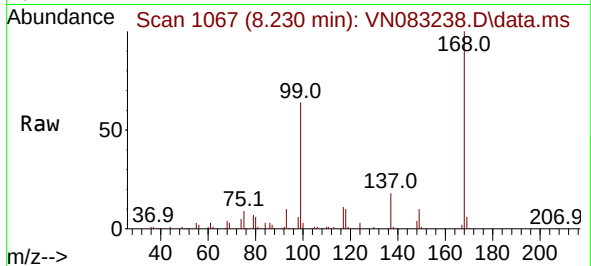




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN083238.D
Acq: 12 Aug 2024 15:23

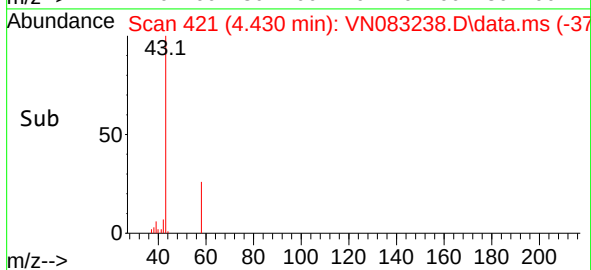
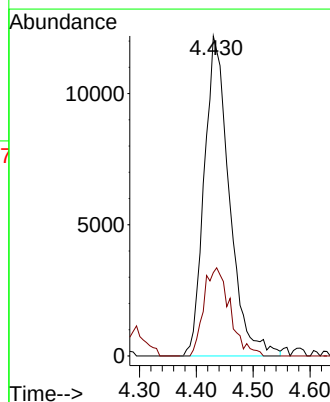
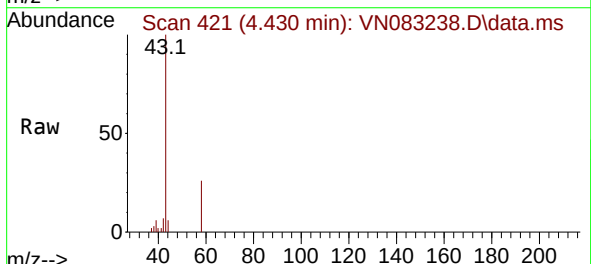
Instrument :
MSVOA_N
ClientSampleId :
PB162664ZHE#05

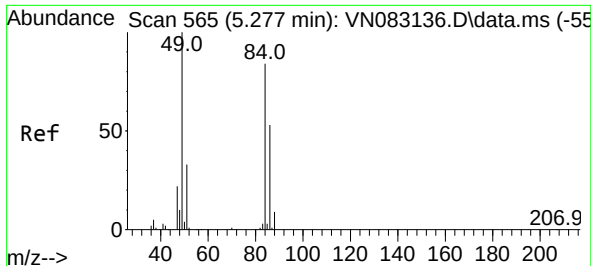
Tgt Ion:168 Resp: 134776
Ion Ratio Lower Upper
168 100
99 63.6 48.2 72.4



#16
Acetone
Concen: 49.938 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN083238.D
Acq: 12 Aug 2024 15:23

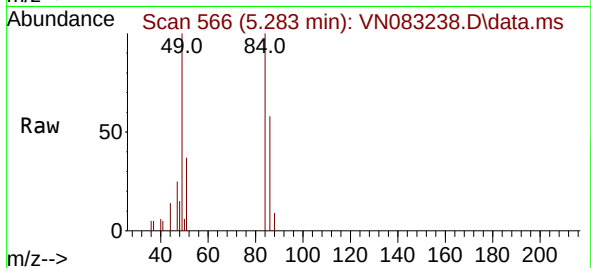
Tgt Ion: 43 Resp: 37486
Ion Ratio Lower Upper
43 100
58 26.1 21.8 32.6



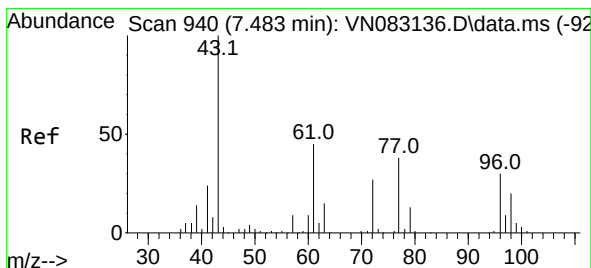
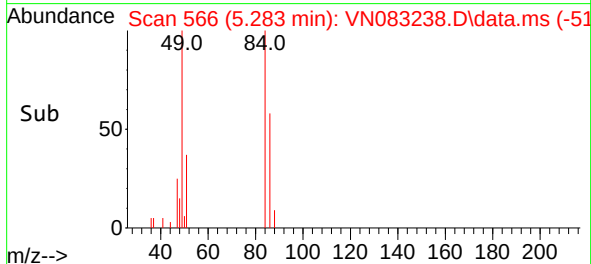
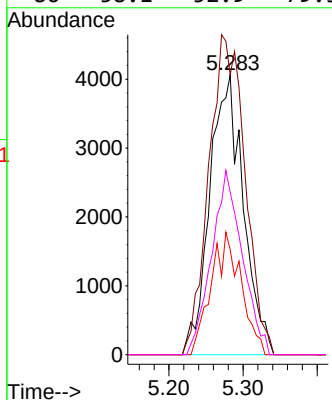


#20
Methylene Chloride
Concen: 7.380 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN083238.D
Acq: 12 Aug 2024 15:23

Instrument :
MSVOA_N
ClientSampleId :
PB162664ZHE#05

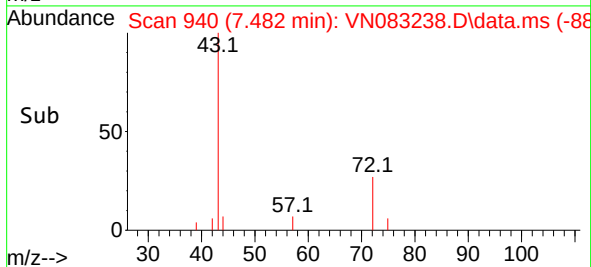
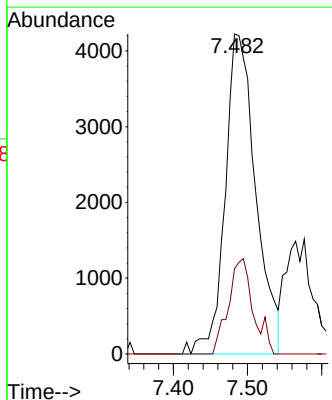
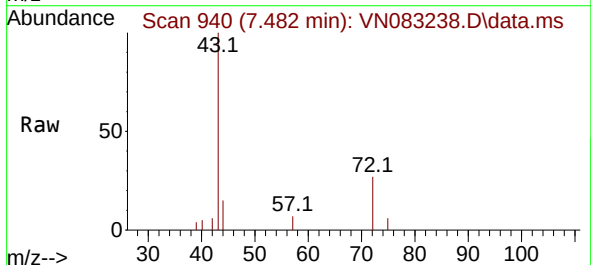


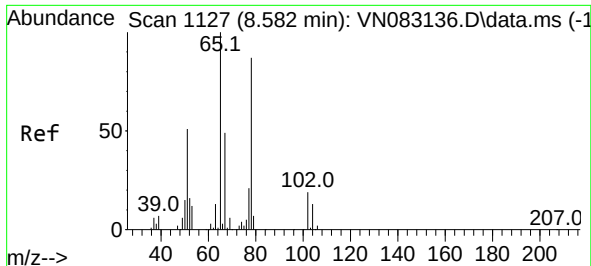
Tgt Ion: 84 Resp: 12750
Ion Ratio Lower Upper
84 100
49 100.0 119.6 179.4#
51 37.5 34.8 52.2
86 58.1 52.9 79.3



#25
2-Butanone
Concen: 10.553 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN083238.D
Acq: 12 Aug 2024 15:23

Tgt Ion: 43 Resp: 12163
Ion Ratio Lower Upper
43 100
72 26.6 18.2 27.2





#33

1,2-Dichloroethane-d4

Concen: 59.897 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN083238.D

Acq: 12 Aug 2024 15:23

Instrument :

MSVOA_N

ClientSampleId :

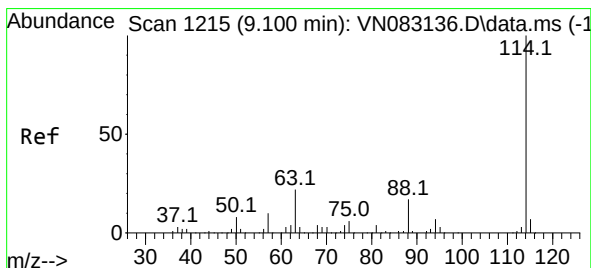
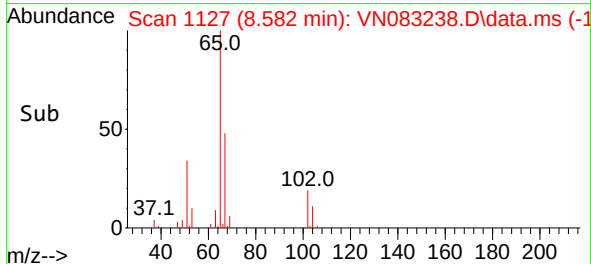
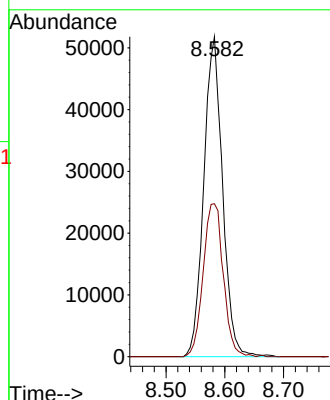
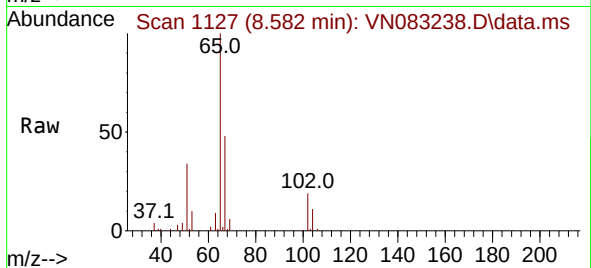
PB162664ZHE#05

Tgt Ion: 65 Resp: 114906

Ion Ratio Lower Upper

65 100

67 51.1 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: VN083238.D

Acq: 12 Aug 2024 15:23

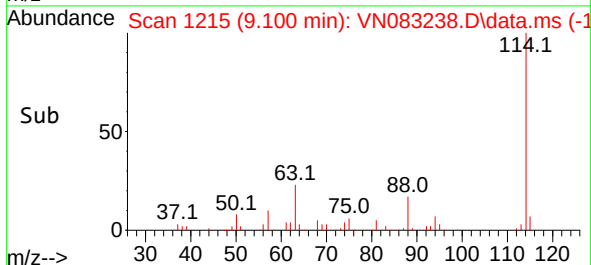
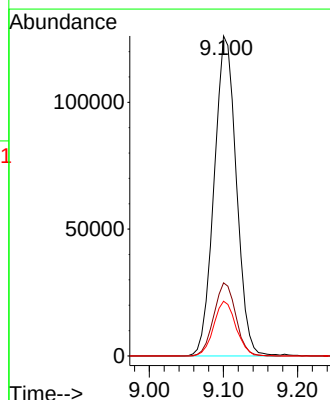
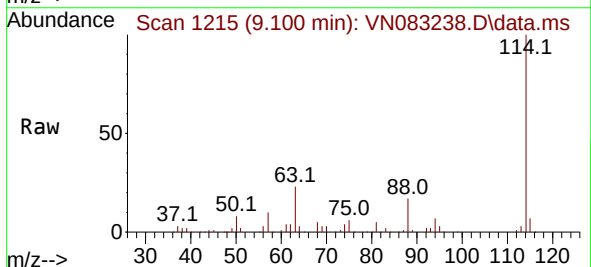
Tgt Ion: 114 Resp: 262871

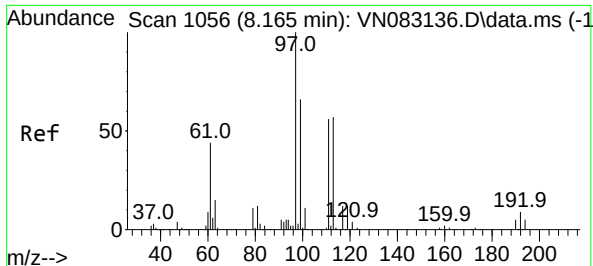
Ion Ratio Lower Upper

114 100

63 22.9 0.0 44.6

88 17.1 0.0 31.4





#35

Dibromofluoromethane

Concen: 55.327 ug/l

RT: 8.165 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VN083238.D

Acq: 12 Aug 2024 15:23

Instrument :

MSVOA_N

ClientSampleId :

PB162664ZHE#05

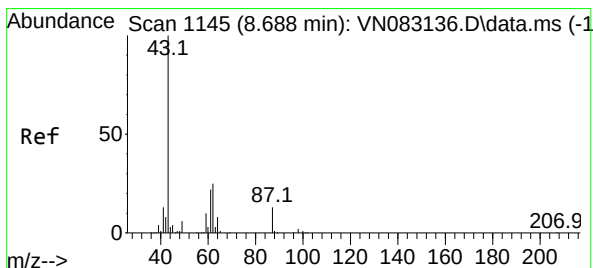
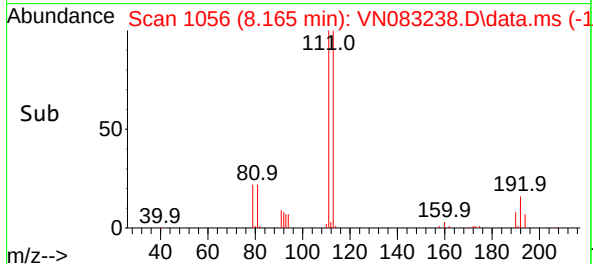
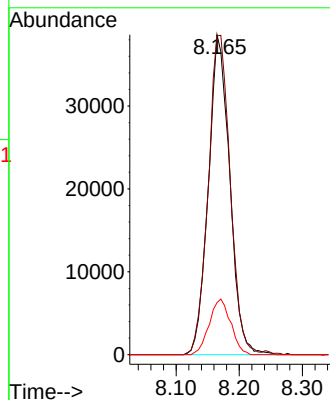
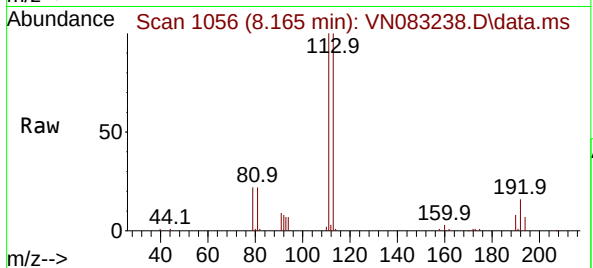
Tgt Ion:113 Resp: 90779

Ion Ratio Lower Upper

113 100

111 102.6 82.4 123.6

192 17.5 14.9 22.3



#43

Isopropyl Acetate

Concen: 42.301 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN083238.D

Acq: 12 Aug 2024 15:23

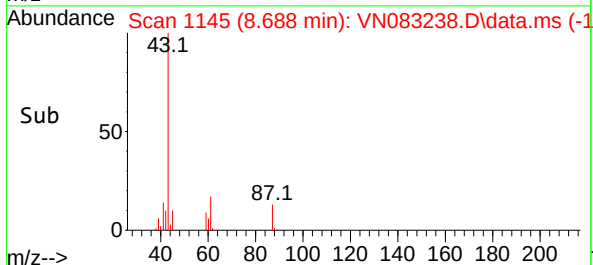
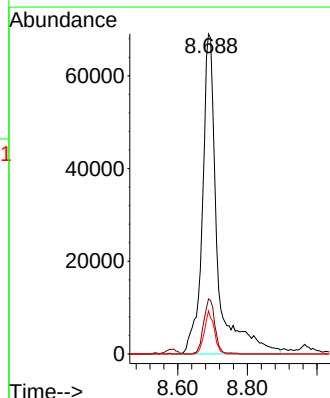
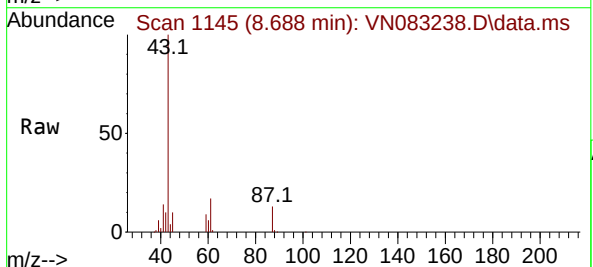
Tgt Ion: 43 Resp: 206183

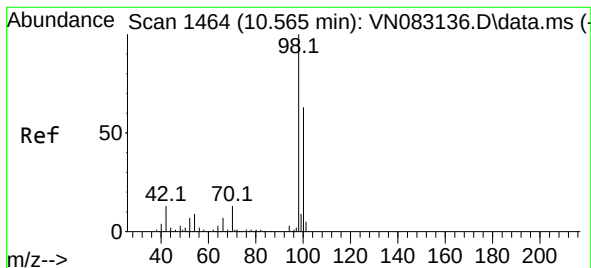
Ion Ratio Lower Upper

43 100

61 13.0 17.8 26.6#

87 8.8 8.2 12.2

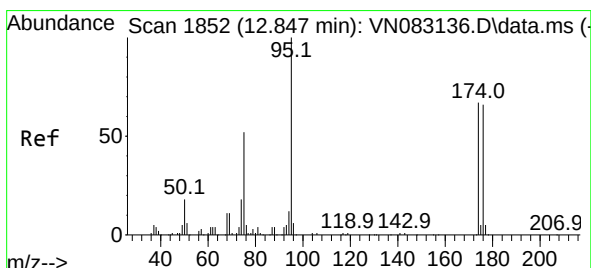
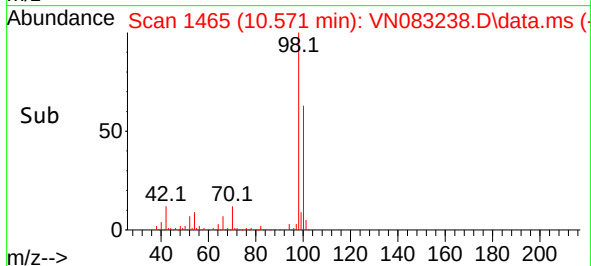
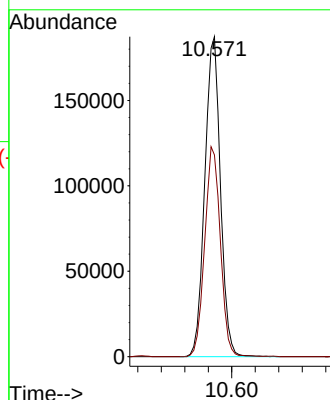
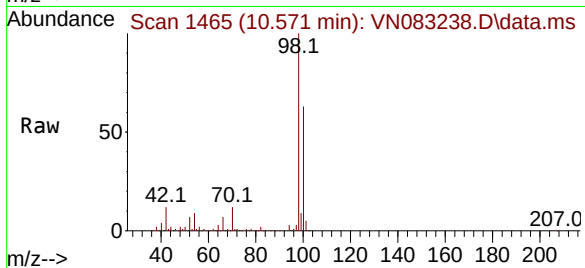




#50
Toluene-d8
Concen: 56.442 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN083238.D
Acq: 12 Aug 2024 15:23

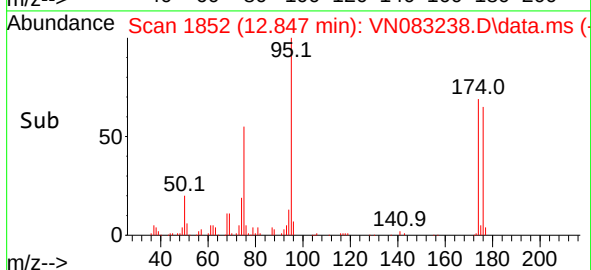
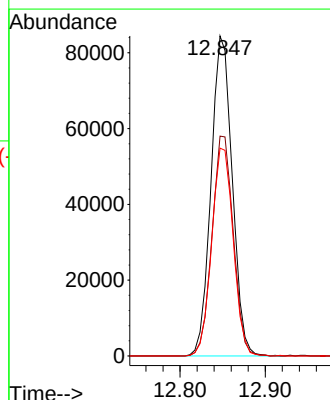
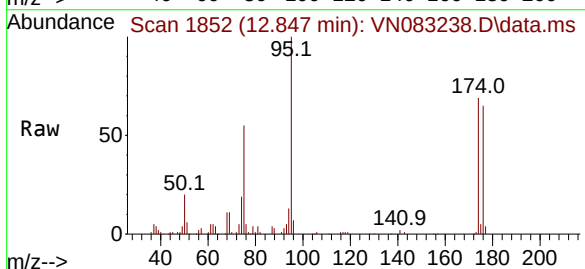
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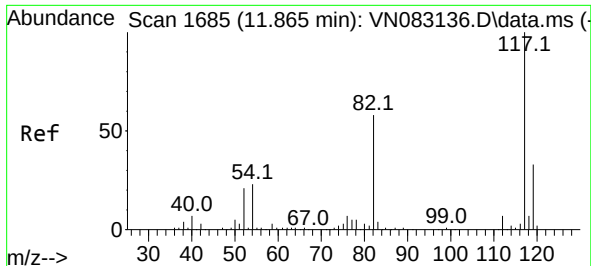
Tgt Ion: 98 Resp: 345456
Ion Ratio Lower Upper
98 100
100 65.8 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 61.339 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083238.D
Acq: 12 Aug 2024 15:23

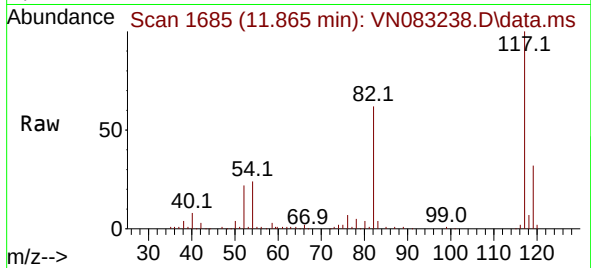
Tgt Ion: 95 Resp: 146362
Ion Ratio Lower Upper
95 100
174 69.0 0.0 159.2
176 66.0 0.0 147.6



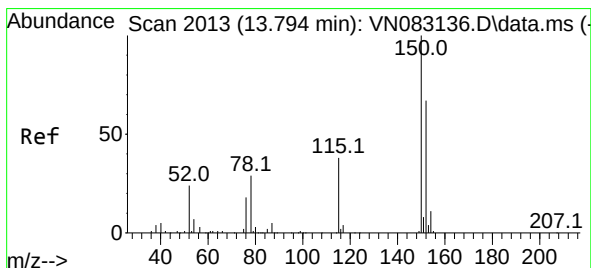
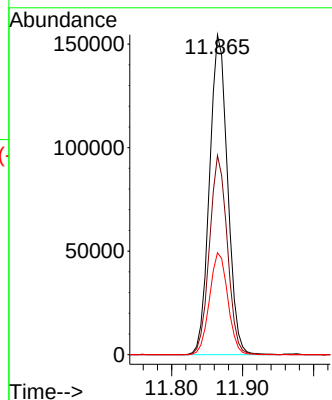
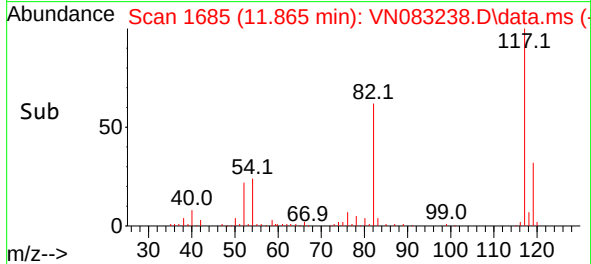


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083238.D
Acq: 12 Aug 2024 15:23

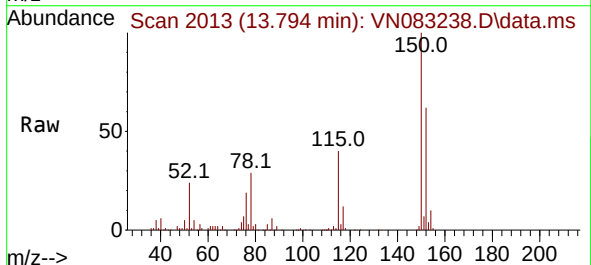
Instrument :
MSVOA_N
ClientSampleId :
PB162664ZHE#05



Tgt Ion:117 Resp: 272548
Ion Ratio Lower Upper
117 100
82 62.3 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: VN083238.D
Acq: 12 Aug 2024 15:23



Tgt Ion:152 Resp: 123280
Ion Ratio Lower Upper
152 100
115 64.5 30.6 91.6
150 158.5 0.0 348.6

