

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082124\
 Data File : VN083416.D
 Acq On : 21 Aug 2024 18:19
 Operator : JC\MD
 Sample : PB162872ZHE02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB162872ZHE02

Quant Time: Aug 22 01:49:24 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)

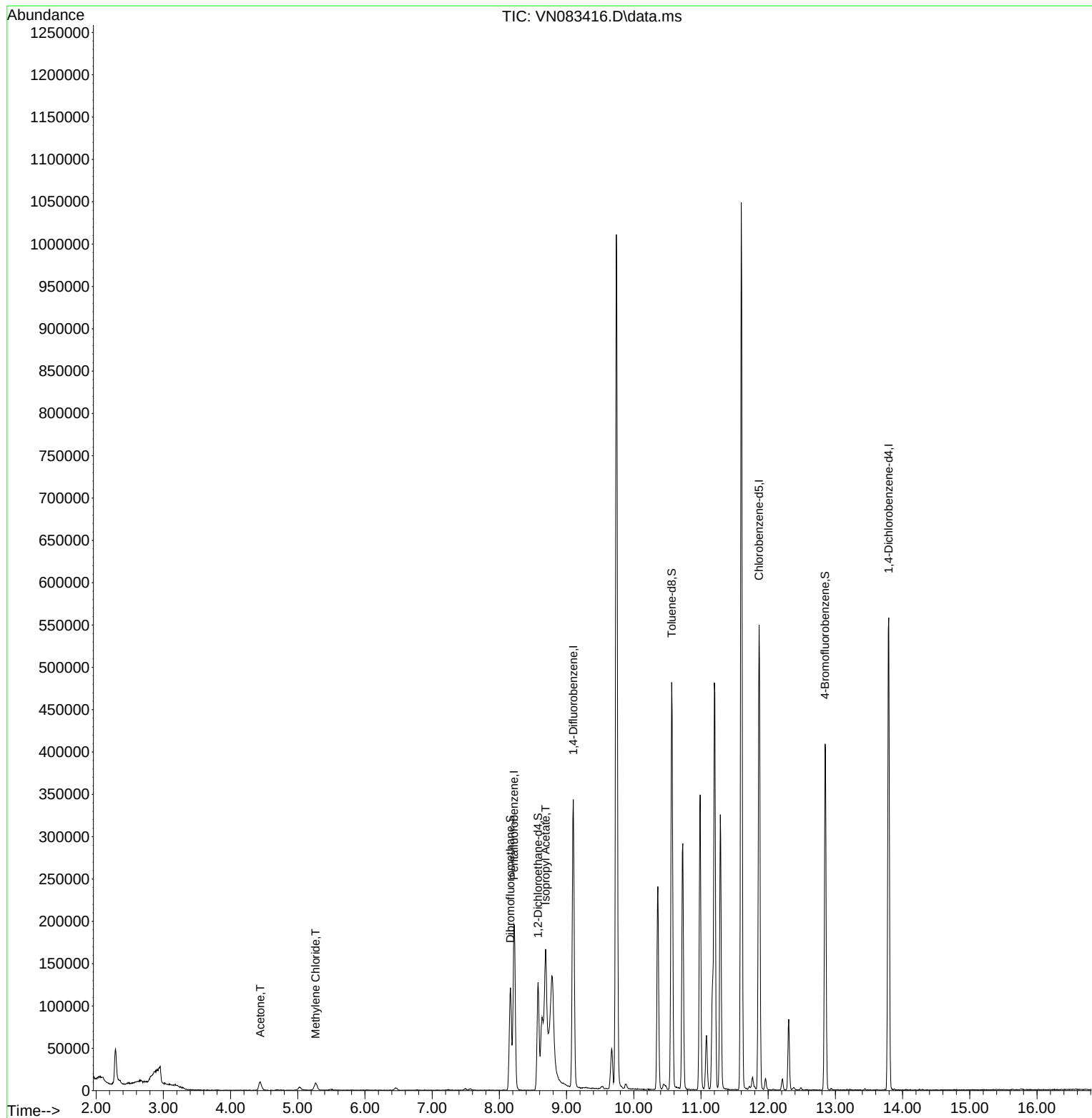
Internal Standards						
1) Pentafluorobenzene	8.218	168	135039	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	284310	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	305565	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	145169	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	108037	56.207	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.420%			
35) Dibromofluoromethane	8.165	113	87309	49.199	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.400%			
50) Toluene-d8	10.565	98	324044	48.952	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.900%			
62) 4-Bromofluorobenzene	12.847	95	144998	56.185	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 112.360%			
Target Compounds					Qvalue	
16) Acetone	4.441	43	18294	24.323	ug/l	99
20) Methylene Chloride	5.265	84	6367	3.678	ug/l #	74
43) Isopropyl Acetate	8.688	43	214806	40.637	ug/l #	83

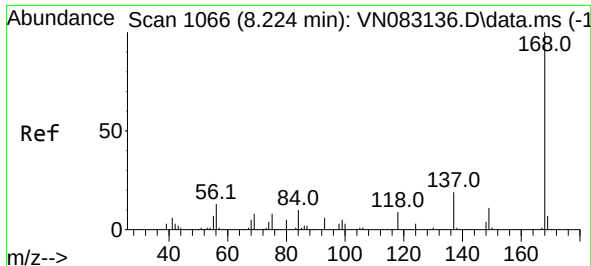
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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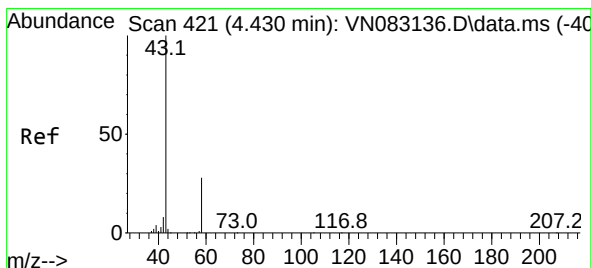
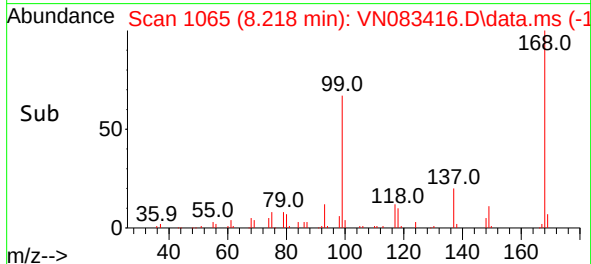
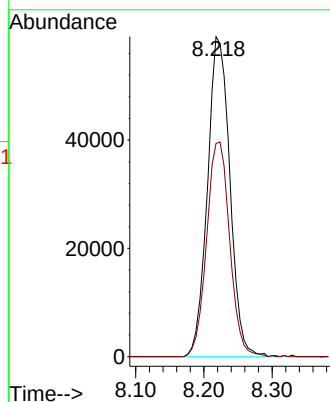
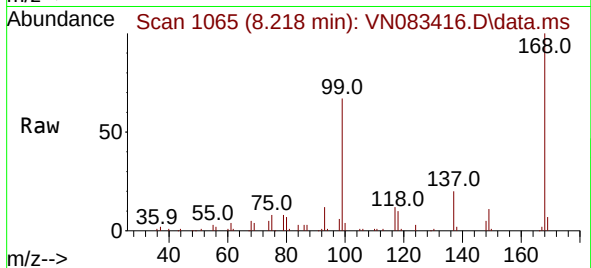




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN083416.D
Acq: 21 Aug 2024 18:19

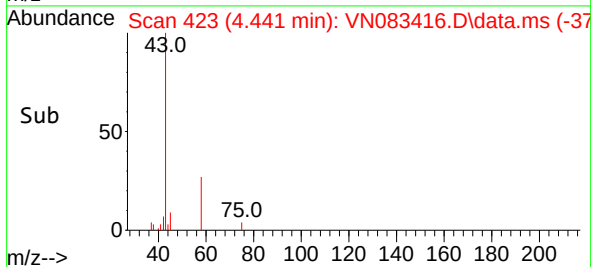
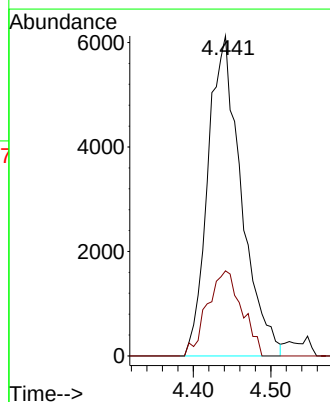
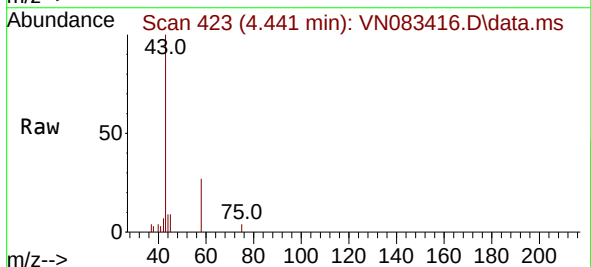
Instrument :
MSVOA_N
ClientSampleId :
PB162872ZHE02

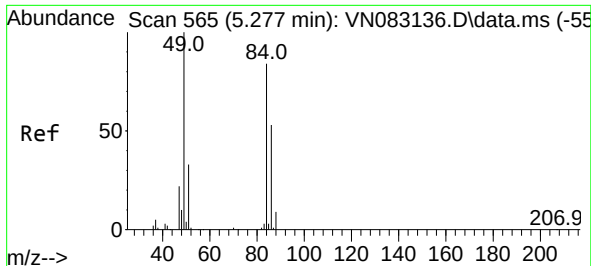
Tgt Ion:168 Resp: 135039
Ion Ratio Lower Upper
168 100
99 66.6 48.2 72.4



#16
Acetone
Concen: 24.323 ug/l
RT: 4.441 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN083416.D
Acq: 21 Aug 2024 18:19

Tgt Ion: 43 Resp: 18294
Ion Ratio Lower Upper
43 100
58 26.6 21.8 32.6





#20

Methylene Chloride

Concen: 3.678 ug/l

RT: 5.265 min Scan# 5

Delta R.T. -0.012 min

Lab File: VN083416.D

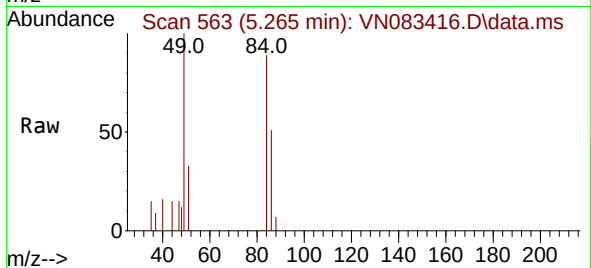
Acq: 21 Aug 2024 18:19

Instrument :

MSVOA_N

ClientSampleId :

PB162872ZHE02



Tgt Ion: 84 Resp: 6367

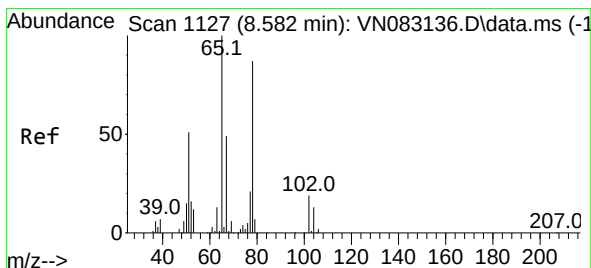
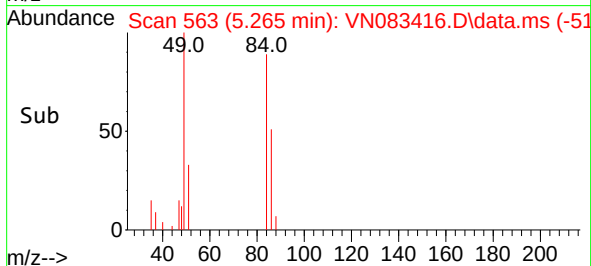
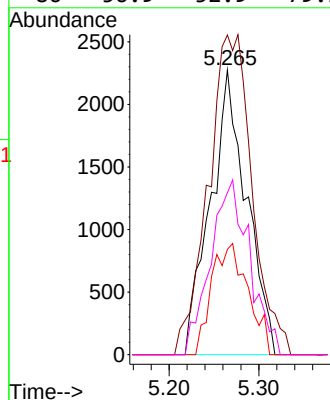
Ion Ratio Lower Upper

84 100

49 103.3 119.6 179.4#

51 37.0 34.8 52.2

86 56.9 52.9 79.3



#33

1,2-Dichloroethane-d4

Concen: 56.207 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VN083416.D

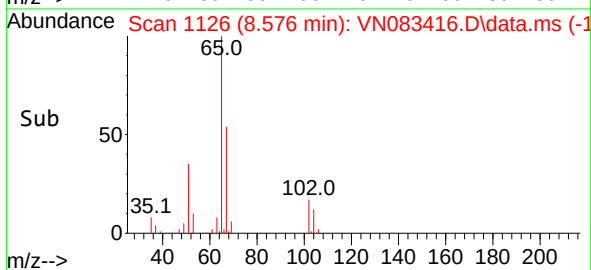
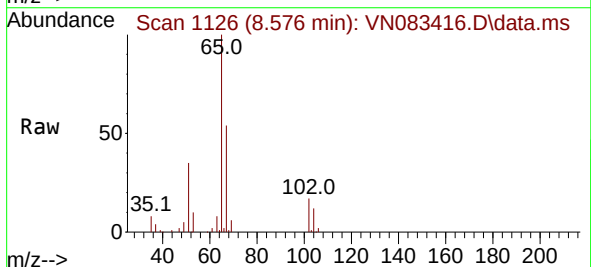
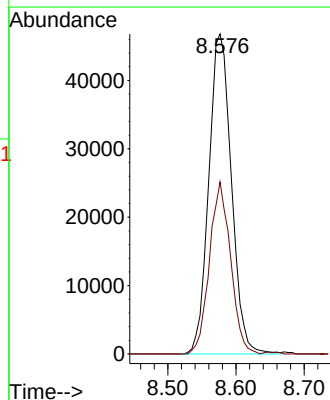
Acq: 21 Aug 2024 18:19

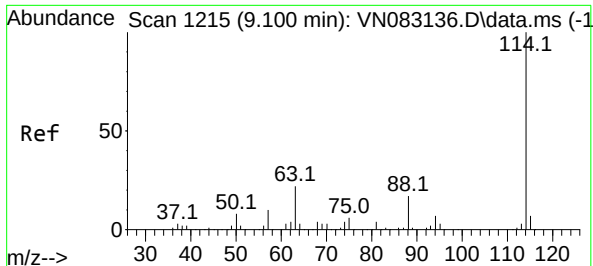
Tgt Ion: 65 Resp: 108037

Ion Ratio Lower Upper

65 100

67 50.2 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN083416.D

Acq: 21 Aug 2024 18:19

Instrument :

MSVOA_N

ClientSampleId :

PB162872ZHE02

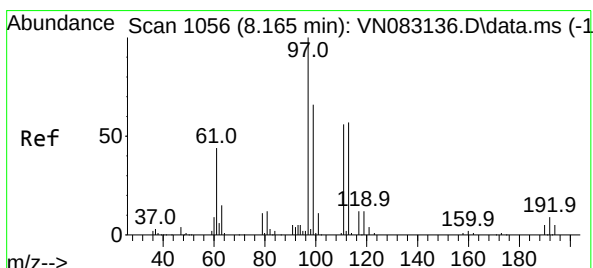
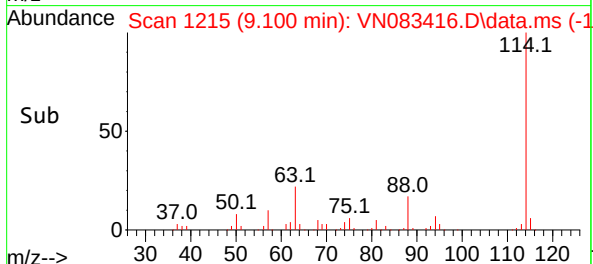
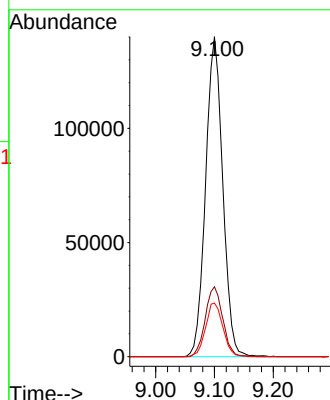
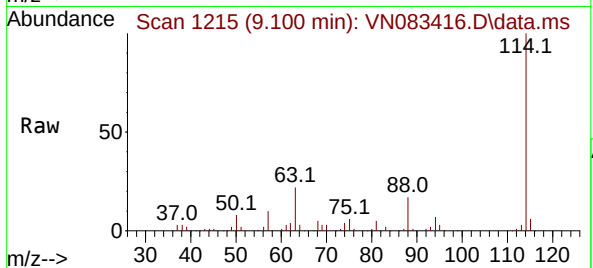
Tgt Ion:114 Resp: 284310

Ion Ratio Lower Upper

114 100

63 21.9 0.0 44.6

88 16.8 0.0 31.4



#35

Dibromofluoromethane

Concen: 49.199 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083416.D

Acq: 21 Aug 2024 18:19

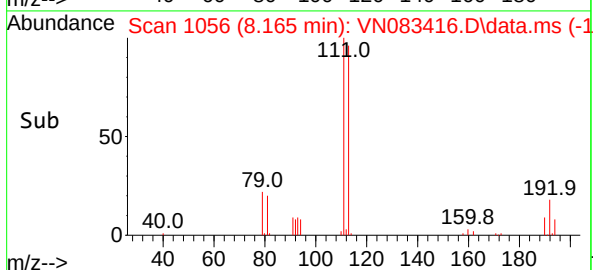
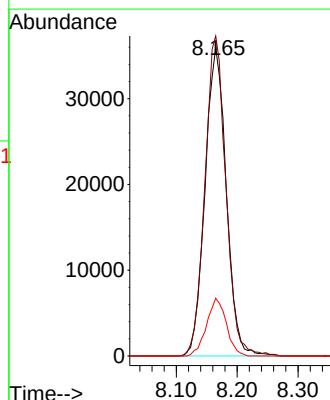
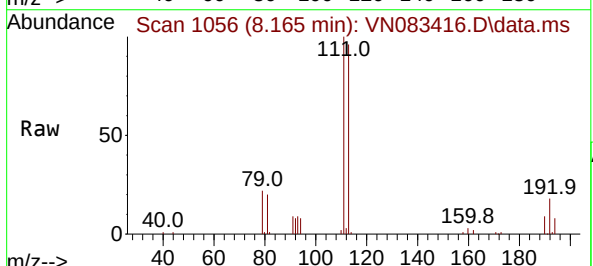
Tgt Ion:113 Resp: 87309

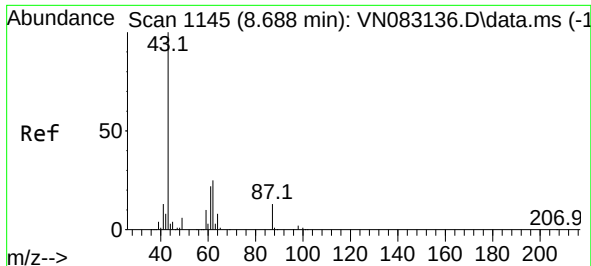
Ion Ratio Lower Upper

113 100

111 102.2 82.4 123.6

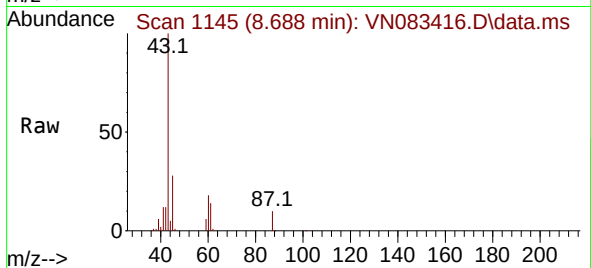
192 17.4 14.9 22.3



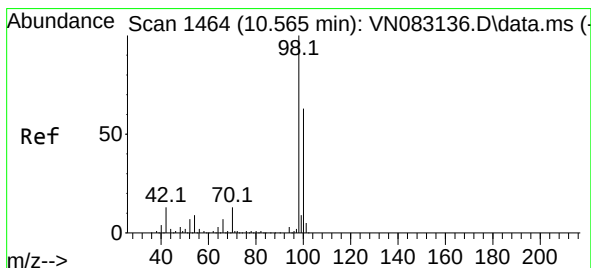
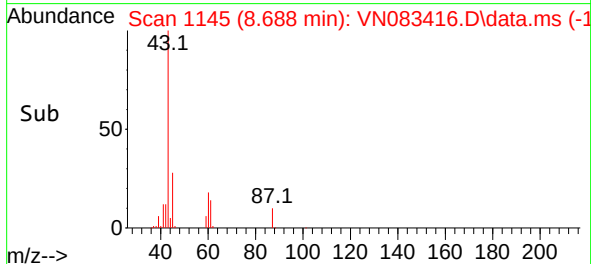
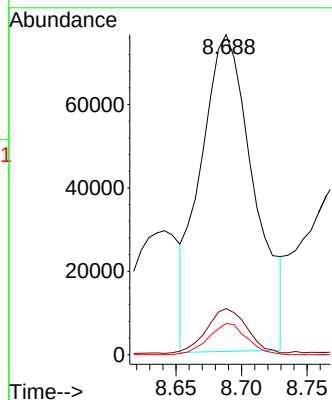


#43
Isopropyl Acetate
Concen: 40.637 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN083416.D
Acq: 21 Aug 2024 18:19

Instrument :
MSVOA_N
ClientSampleId :
PB162872ZHE02

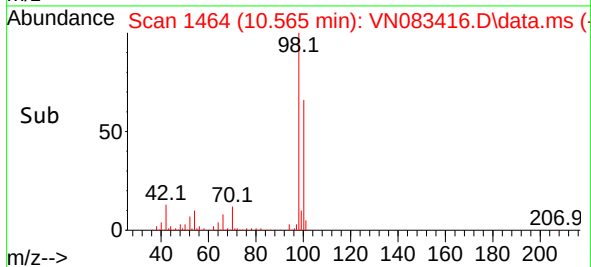
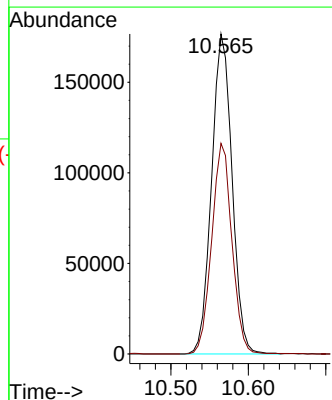
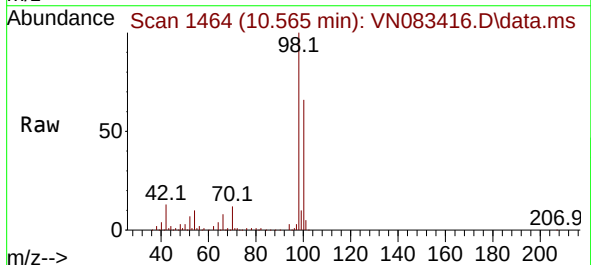


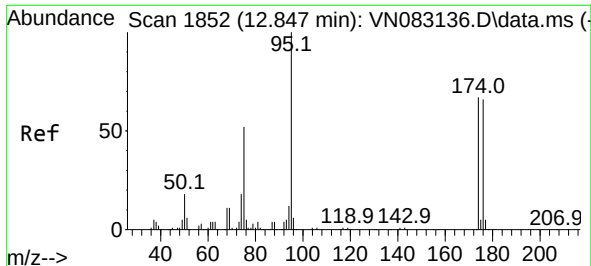
Tgt Ion: 43 Resp: 214806
Ion Ratio Lower Upper
43 100
61 11.9 17.8 26.6#
87 7.1 8.2 12.2#



#50
Toluene-d8
Concen: 48.952 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083416.D
Acq: 21 Aug 2024 18:19

Tgt Ion: 98 Resp: 324044
Ion Ratio Lower Upper
98 100
100 65.1 51.5 77.3

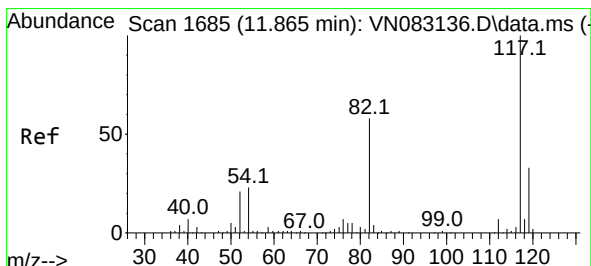
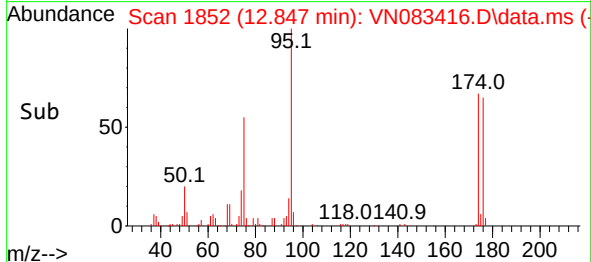
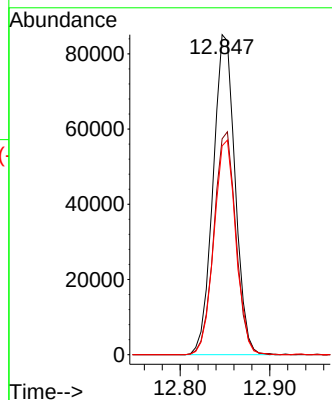
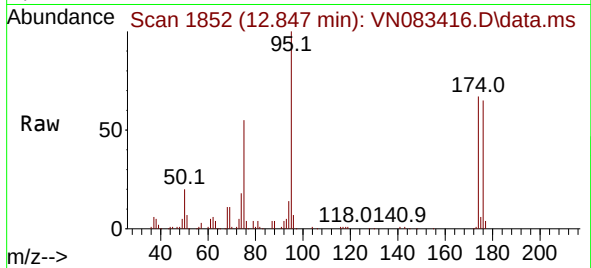




#62
4-Bromofluorobenzene
Concen: 56.185 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083416.D
Acq: 21 Aug 2024 18:19

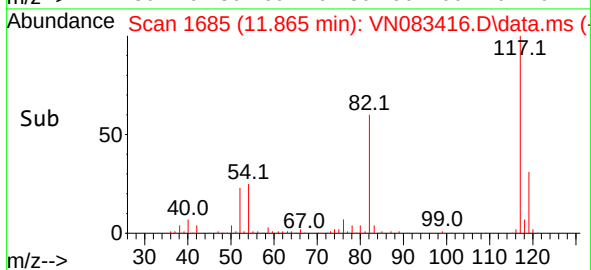
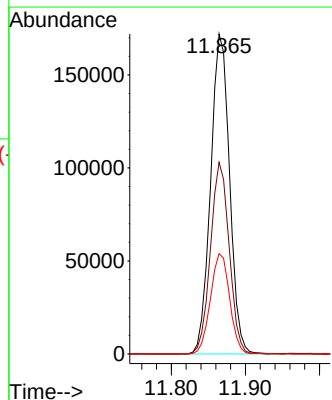
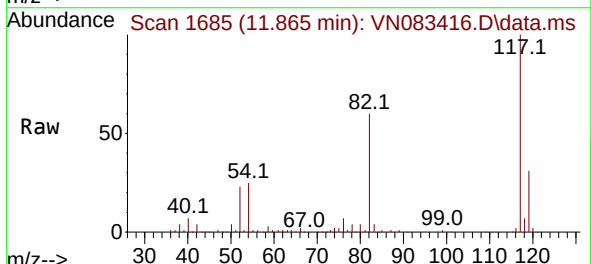
Instrument :
MSVOA_N
ClientSampleId :
PB162872ZHE02

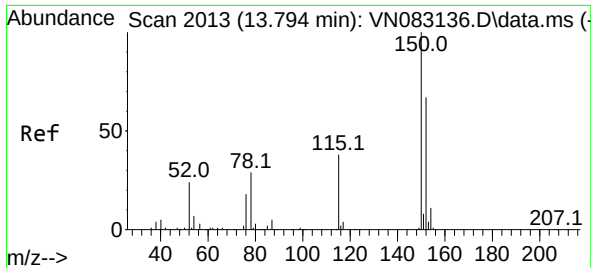
Tgt Ion: 95 Resp: 144998
Ion Ratio Lower Upper
95 100
174 69.7 0.0 159.2
176 67.0 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083416.D
Acq: 21 Aug 2024 18:19

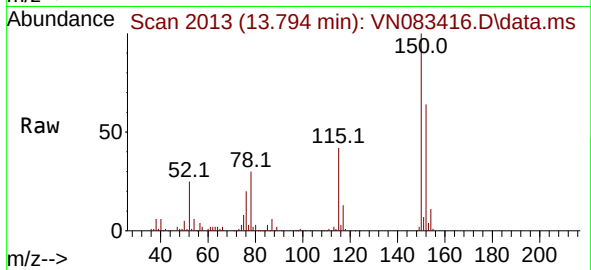
Tgt Ion: 117 Resp: 305565
Ion Ratio Lower Upper
117 100
82 59.9 47.5 71.3
119 31.4 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN083416.D
 Acq: 21 Aug 2024 18:19

Instrument :
 MSVOA_N
 ClientSampleId :
 PB162872ZHE02



Tgt Ion:152 Resp: 145169
 Ion Ratio Lower Upper
 152 100
 115 64.9 30.6 91.6
 150 158.1 0.0 348.6

