

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082124\
 Data File : VN083414.D
 Acq On : 21 Aug 2024 17:30
 Operator : JC\MD
 Sample : PB162872TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB162872TB

Quant Time: Aug 22 01:48:51 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)

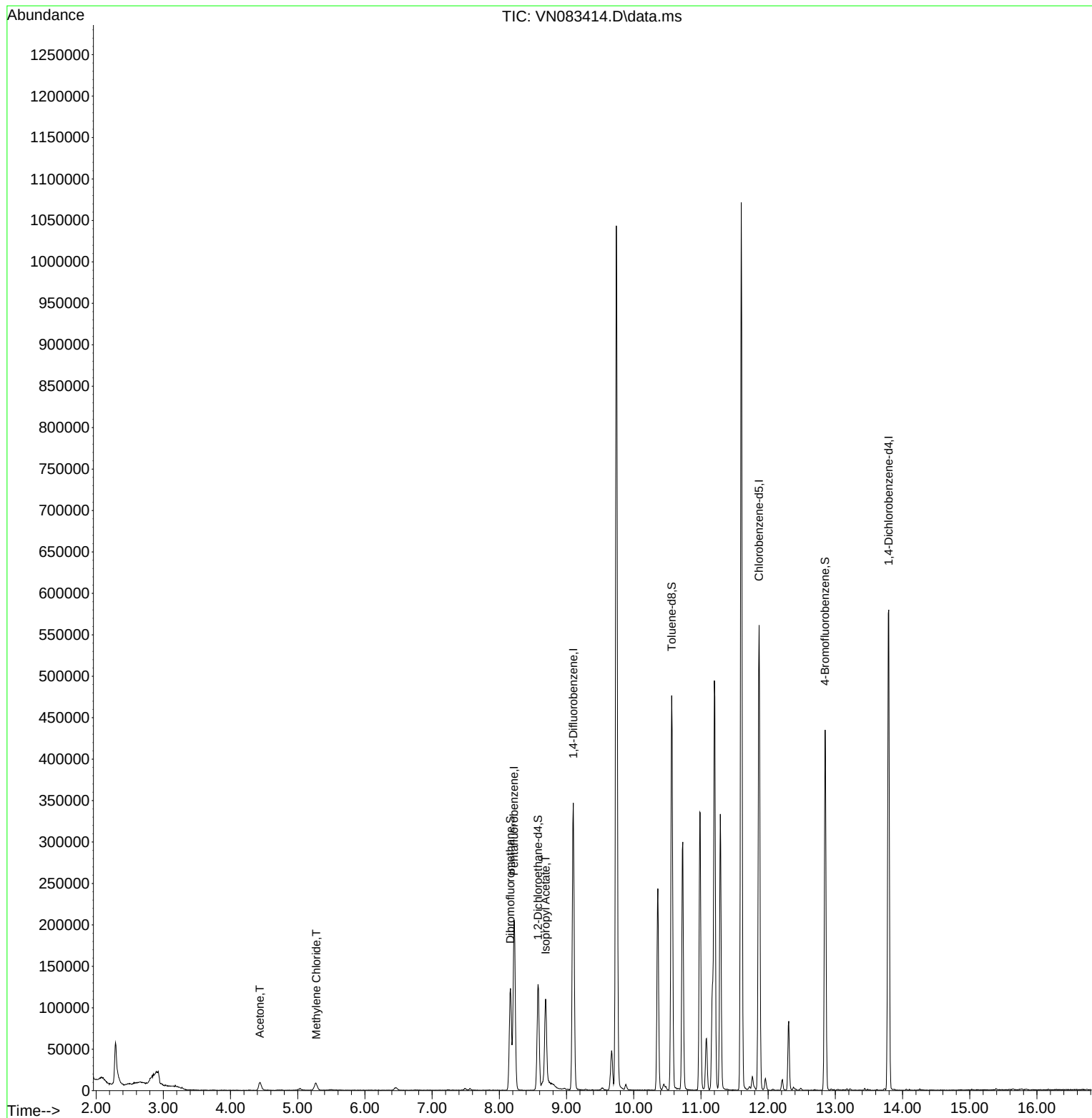
Internal Standards						
1) Pentafluorobenzene	8.218	168	143793	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	289434	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	311939	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	153654	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	109207	53.357	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.720%	
35) Dibromofluoromethane	8.165	113	87546	48.459	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 96.920%	
50) Toluene-d8	10.565	98	317599	47.129	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 94.260%	
62) 4-Bromofluorobenzene	12.847	95	151662	57.727	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 115.460%	
Target Compounds						
						Qvalue
16) Acetone	4.436	43	18249	22.786	ug/l	98
20) Methylene Chloride	5.277	84	6652	3.609	ug/l	87
43) Isopropyl Acetate	8.689	43	145475	26.211	ug/l #	91

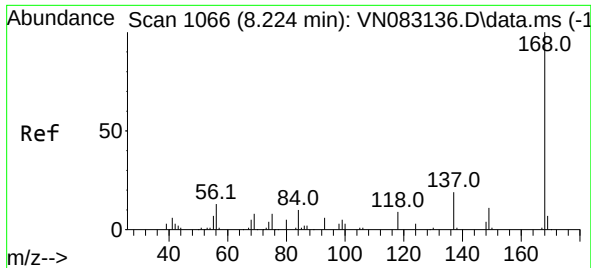
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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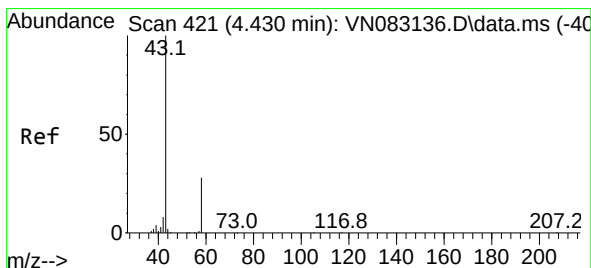
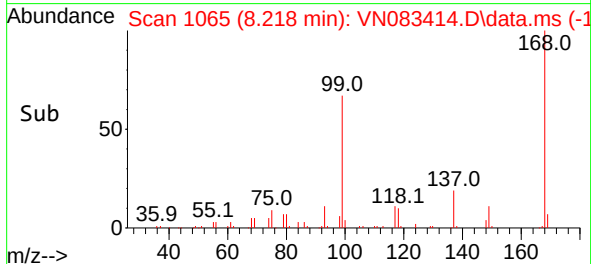
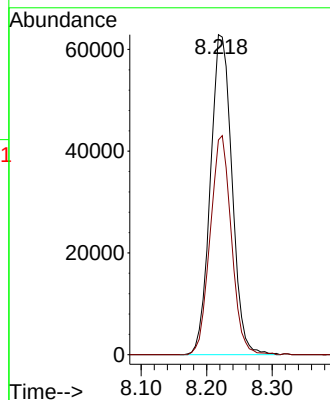
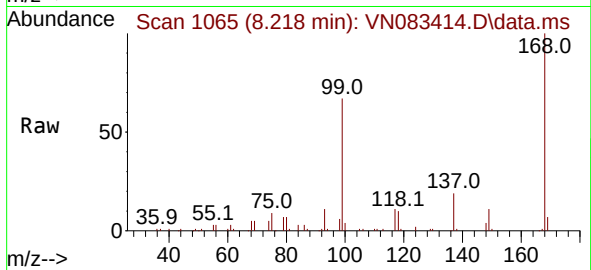




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN083414.D
Acq: 21 Aug 2024 17:30

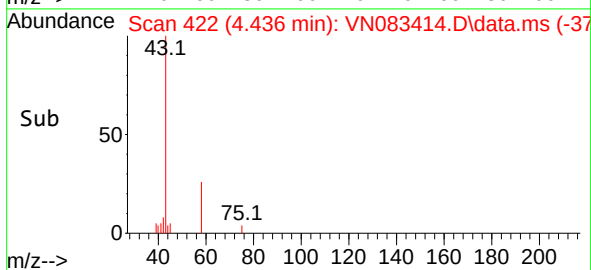
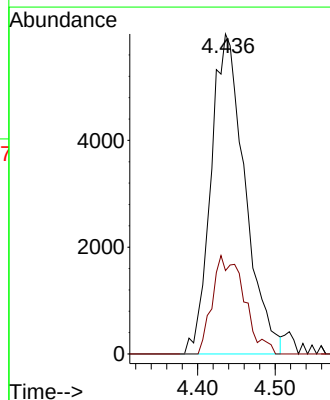
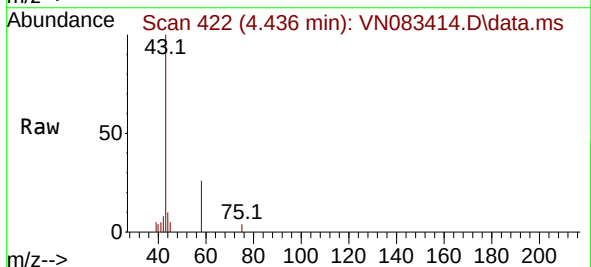
Instrument :
MSVOA_N
ClientSampleId :
PB162872TB

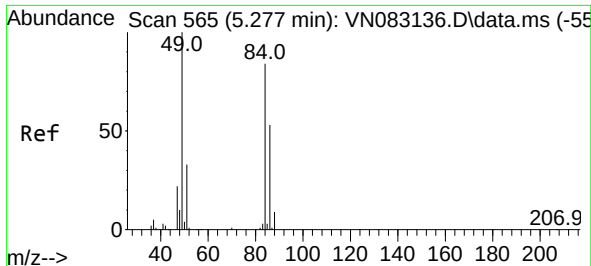
Tgt Ion:168 Resp: 143793
Ion Ratio Lower Upper
168 100
99 67.1 48.2 72.4



#16
Acetone
Concen: 22.786 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN083414.D
Acq: 21 Aug 2024 17:30

Tgt Ion: 43 Resp: 18249
Ion Ratio Lower Upper
43 100
58 26.1 21.8 32.6

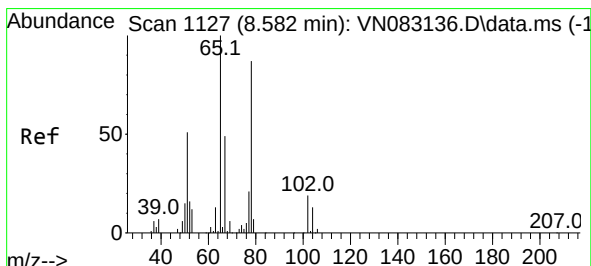
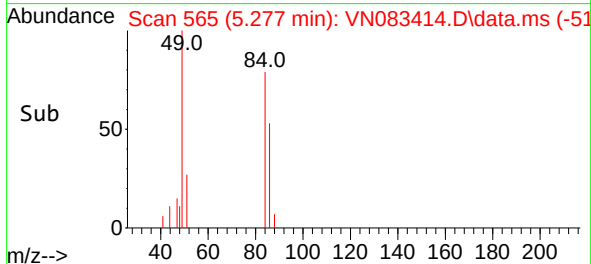
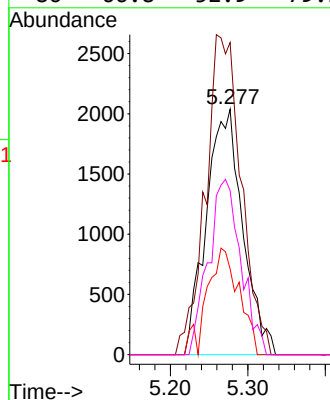
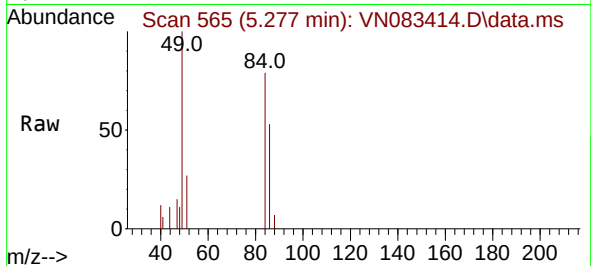




#20
Methylene Chloride
Concen: 3.609 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN083414.D
Acq: 21 Aug 2024 17:30

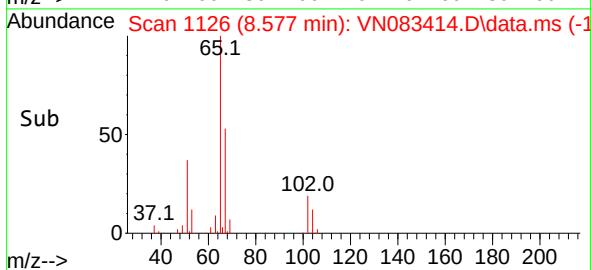
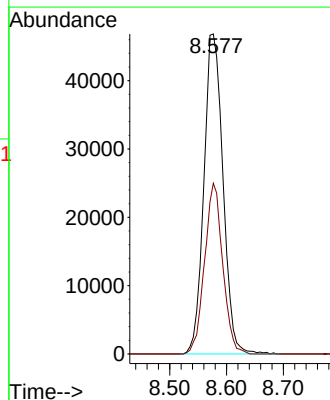
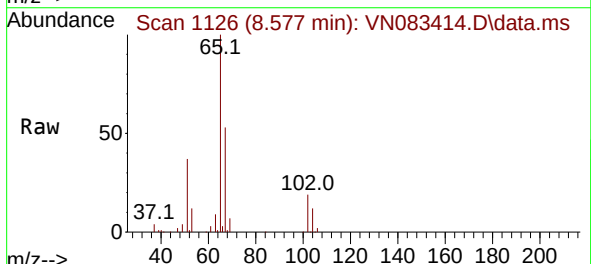
Instrument :
MSVOA_N
ClientSampleId :
PB162872TB

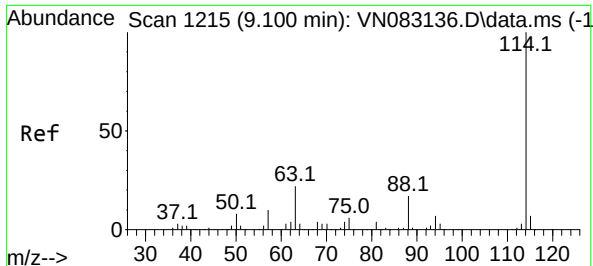
Tgt Ion:	84	Resp:	6652
Ion	Ratio	Lower	Upper
84	100		
49	127.2	119.6	179.4
51	34.9	34.8	52.2
86	66.8	52.9	79.3



#33
1,2-Dichloroethane-d4
Concen: 53.357 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.005 min
Lab File: VN083414.D
Acq: 21 Aug 2024 17:30

Tgt Ion:	65	Resp:	109207
Ion	Ratio	Lower	Upper
65	100		
67	50.6	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: VN083414.D

Acq: 21 Aug 2024 17:30

Instrument :

MSVOA_N

ClientSampleId :

PB162872TB

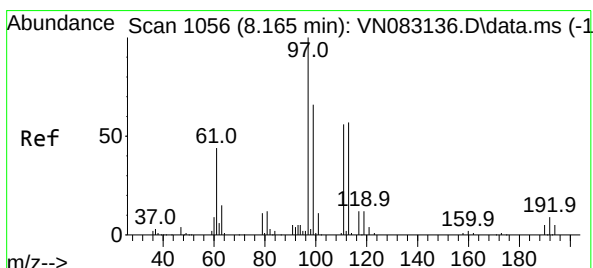
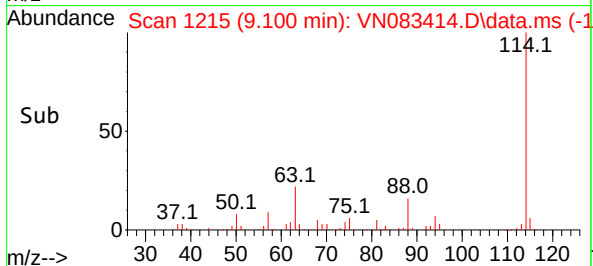
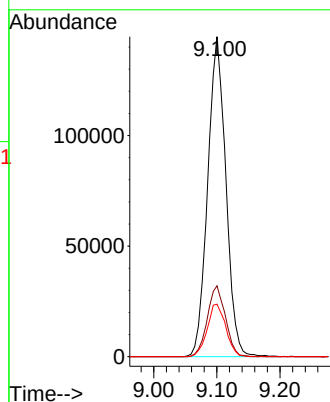
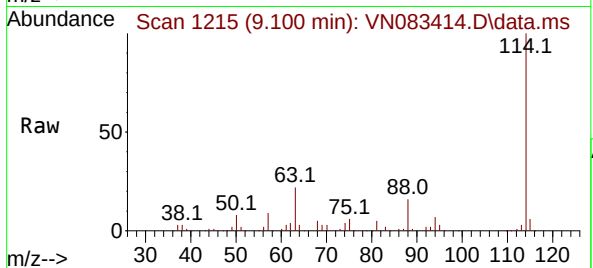
Tgt Ion:114 Resp: 289434

Ion Ratio Lower Upper

114 100

63 22.1 0.0 44.6

88 16.4 0.0 31.4



#35

Dibromofluoromethane

Concen: 48.459 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN083414.D

Acq: 21 Aug 2024 17:30

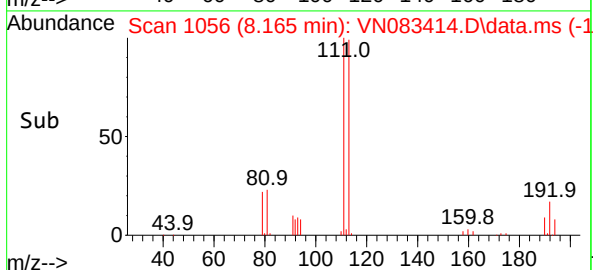
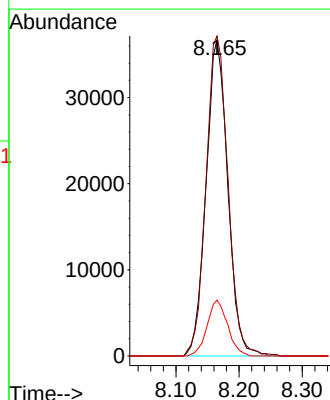
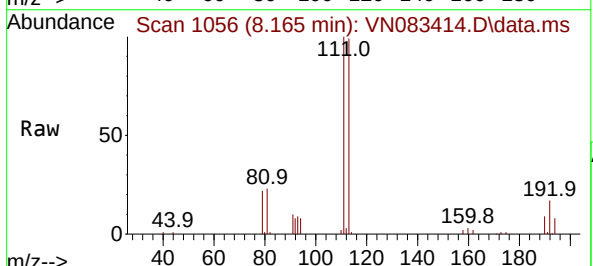
Tgt Ion:113 Resp: 87546

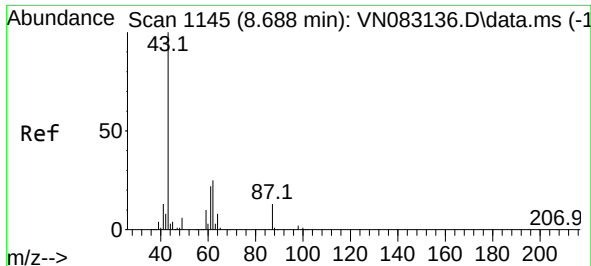
Ion Ratio Lower Upper

113 100

111 102.7 82.4 123.6

192 16.7 14.9 22.3

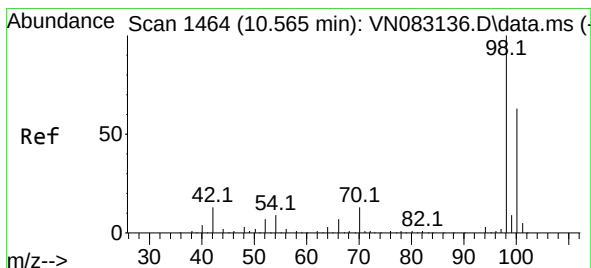
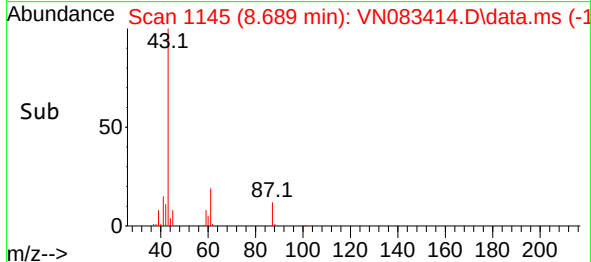
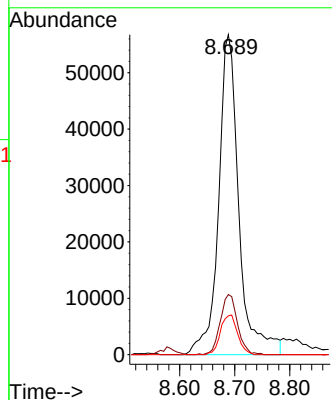
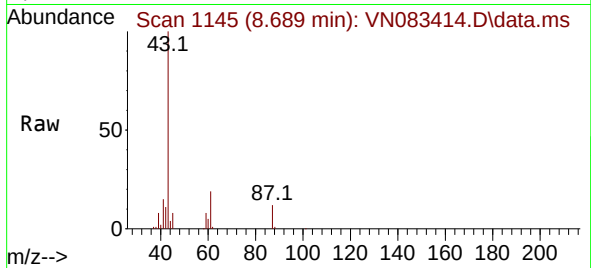




#43
Isopropyl Acetate
Concen: 26.211 ug/l
RT: 8.689 min Scan# 1145
Delta R.T. 0.001 min
Lab File: VN083414.D
Acq: 21 Aug 2024 17:30

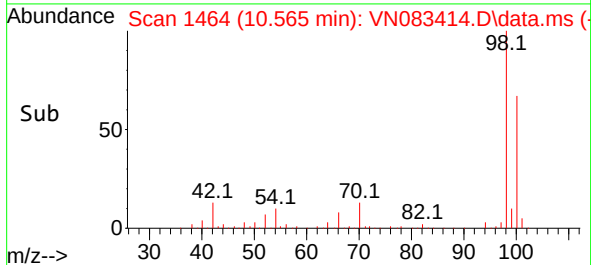
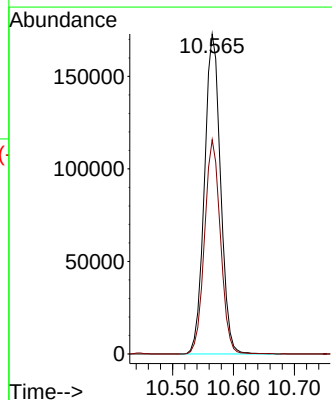
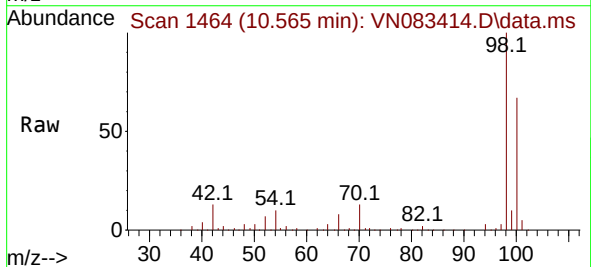
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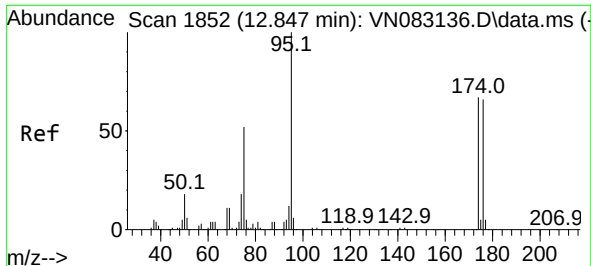
Tgt Ion: 43 Resp: 145475
Ion Ratio Lower Upper
43 100
61 16.0 17.8 26.6#
87 10.5 8.2 12.2



#50
Toluene-d8
Concen: 47.129 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083414.D
Acq: 21 Aug 2024 17:30

Tgt Ion: 98 Resp: 317599
Ion Ratio Lower Upper
98 100
100 66.4 51.5 77.3

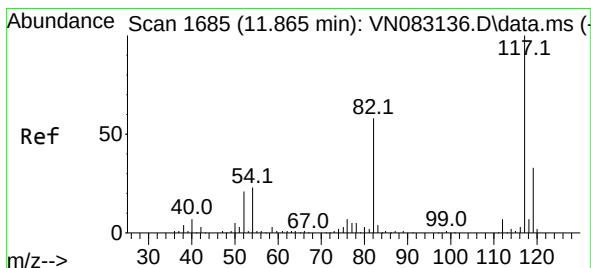
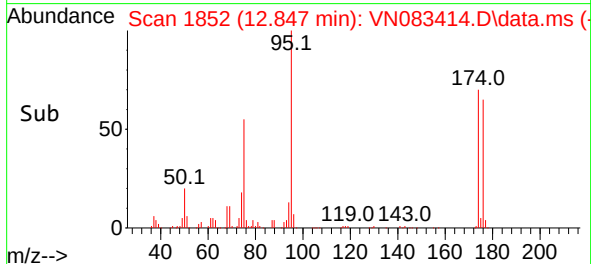
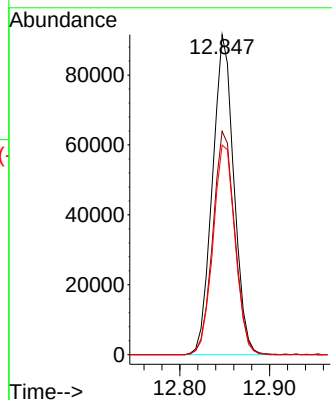
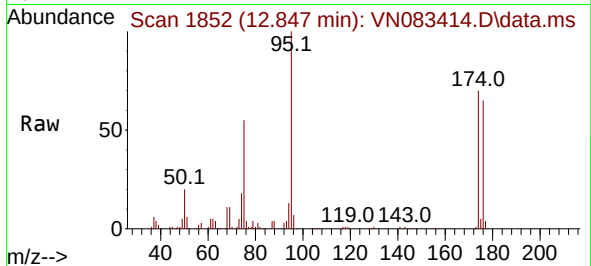




#62
4-Bromofluorobenzene
Concen: 57.727 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083414.D
Acq: 21 Aug 2024 17:30

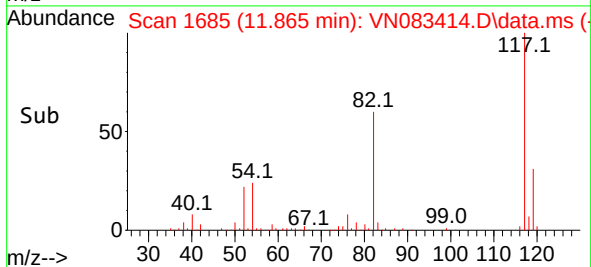
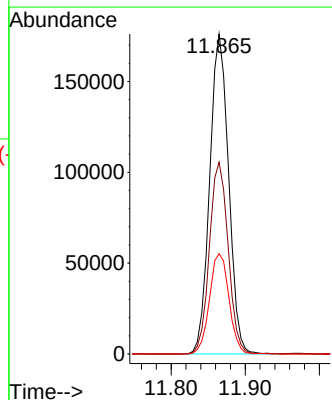
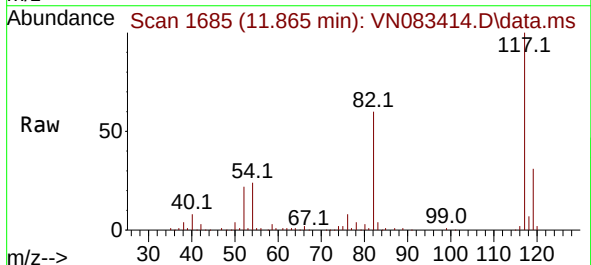
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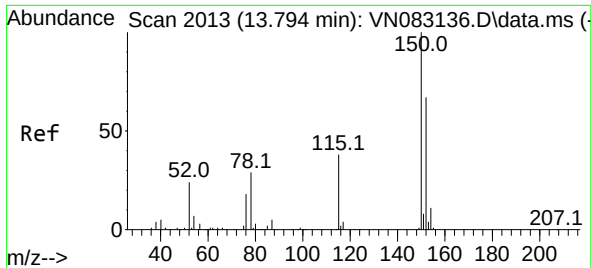
Tgt Ion: 95 Resp: 151662
Ion Ratio Lower Upper
95 100
174 71.4 0.0 159.2
176 67.6 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN083414.D
Acq: 21 Aug 2024 17:30

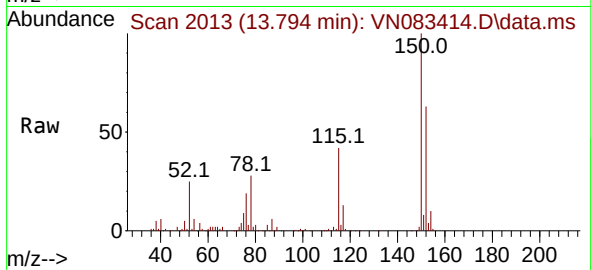
Tgt Ion: 117 Resp: 311939
Ion Ratio Lower Upper
117 100
82 59.9 47.5 71.3
119 31.4 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN083414.D
 Acq: 21 Aug 2024 17:30

Instrument :
 MSVOA_N
 ClientSampleId :
 PB162872TB



Tgt Ion:152 Resp: 153654

Ion	Ratio	Lower	Upper
152	100		
115	64.3	30.6	91.6
150	156.6	0.0	348.6

