

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091124\
 Data File : VN083803.D
 Acq On : 11 Sep 2024 18:21
 Operator : JC\MD
 Sample : P3913-04 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 9424-A-C

Quant Time: Sep 12 04:50:15 2024
 Quant Title :
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

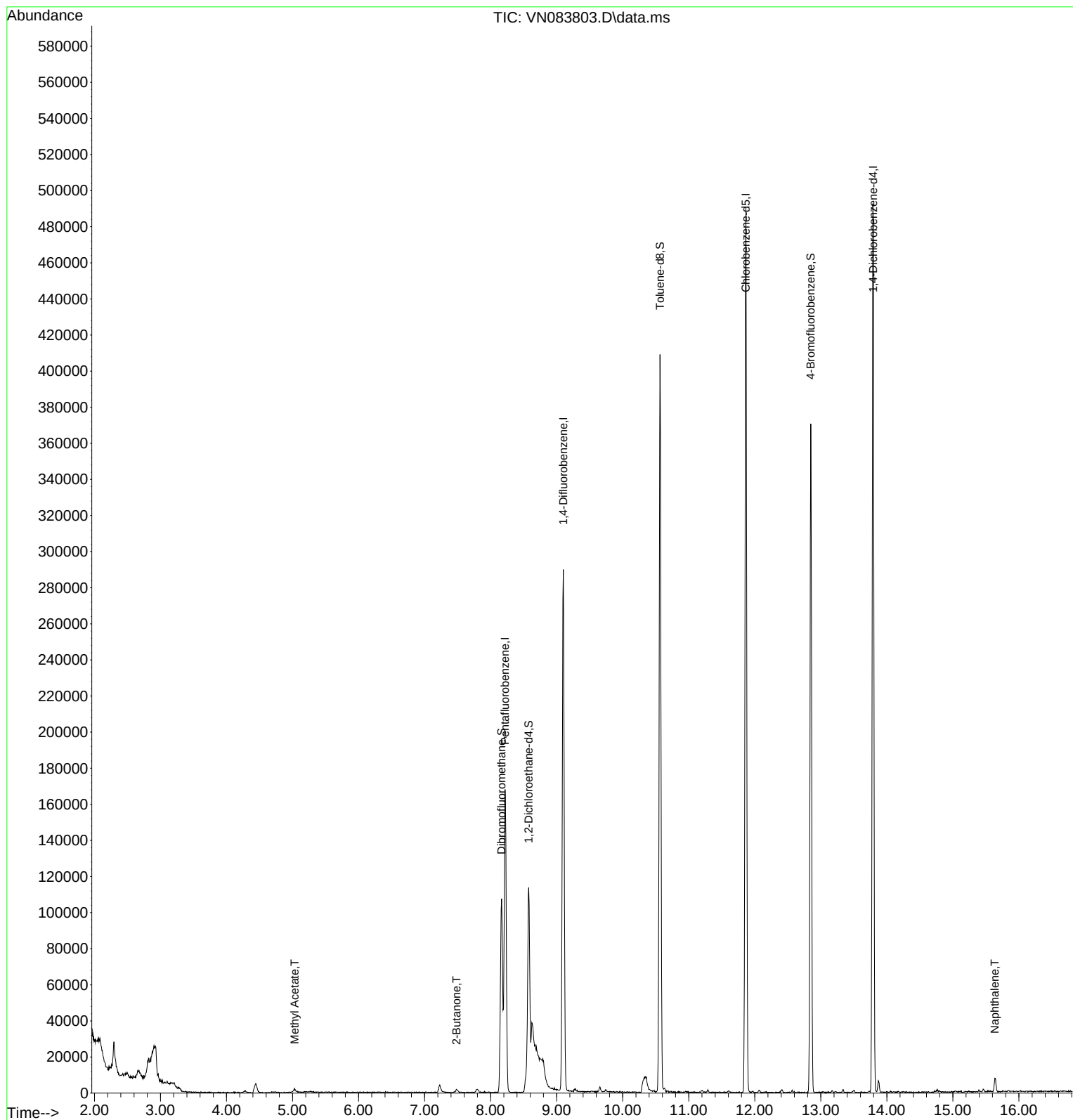
Internal Standards						
1) Pentafluorobenzene	8.218	168	112647	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	235049	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	259186	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	127520	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	96074	56.562	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	113.120%
35) Dibromofluoromethane	8.165	113	74210	49.317	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.640%
50) Toluene-d8	10.565	98	268140	51.545	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.100%
62) 4-Bromofluorobenzene	12.847	95	125059	58.269	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	116.540%
Target Compounds						
					Qvalue	
18) Methyl Acetate	5.030	43	3504	0.638	ug/l #	87
25) 2-Butanone	7.483	43	2912	3.254	ug/l	92
95) Naphthalene	15.635	128	7524	1.065	ug/l	98

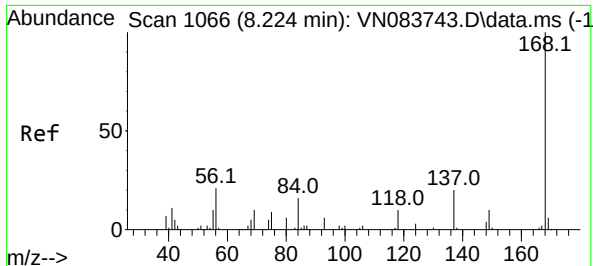
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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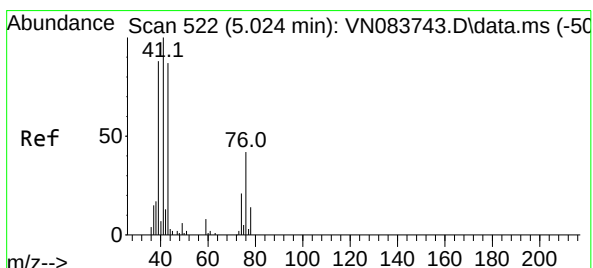
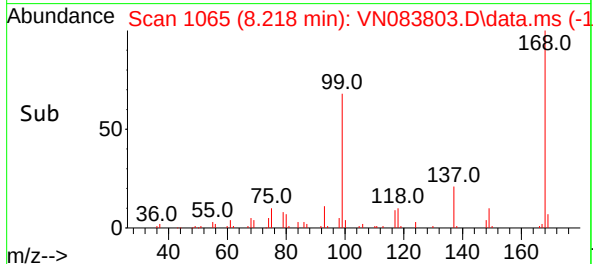
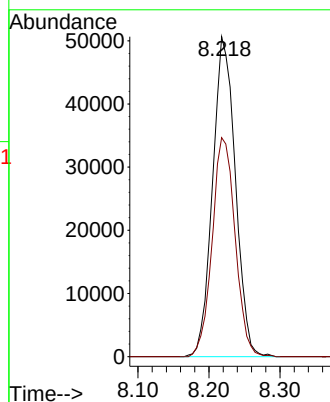
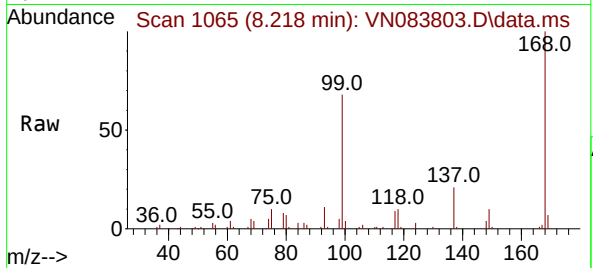




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN083803.D
Acq: 11 Sep 2024 18:21

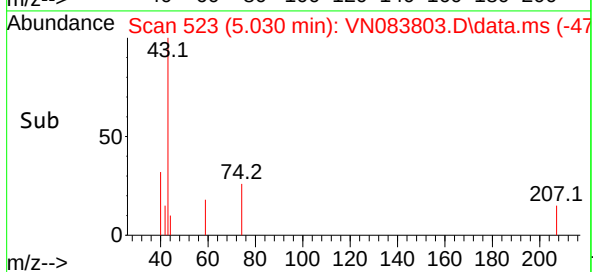
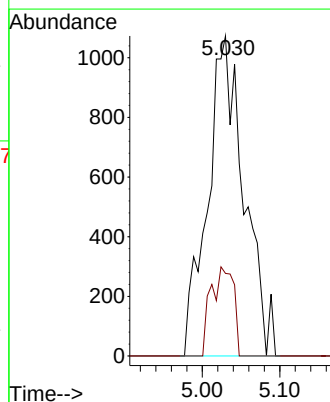
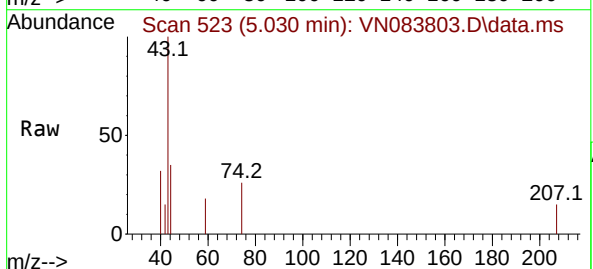
Instrument :
MSVOA_N
ClientSampleId :
9424-A-C

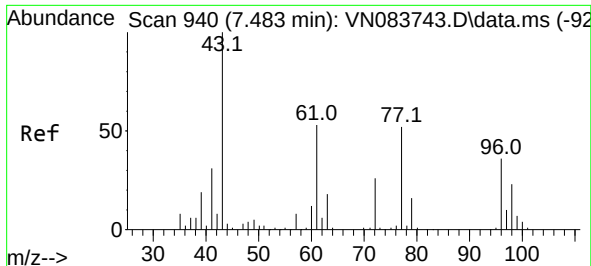
Tgt Ion:168 Resp: 112647
Ion Ratio Lower Upper
168 100
99 68.5 54.2 81.2



#18
Methyl Acetate
Concen: 0.638 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN083803.D
Acq: 11 Sep 2024 18:21

Tgt Ion: 43 Resp: 3504
Ion Ratio Lower Upper
43 100
74 17.3 19.0 28.4#

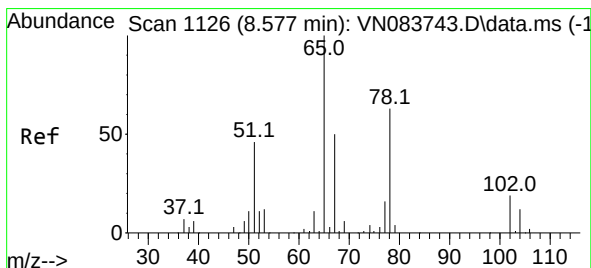
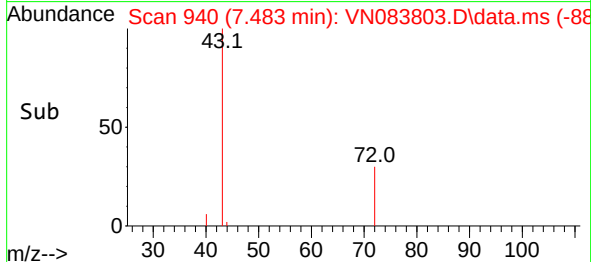
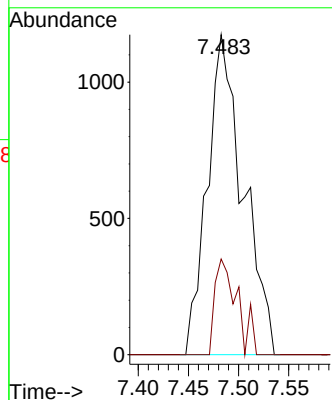
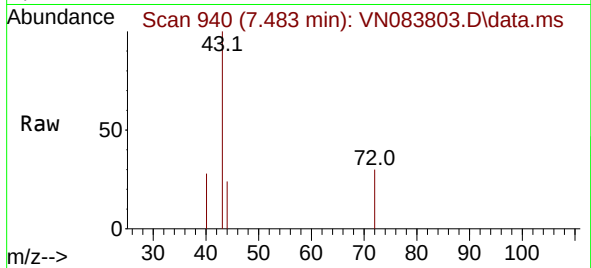




#25
2-Butanone
Concen: 3.254 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN083803.D
Acq: 11 Sep 2024 18:21

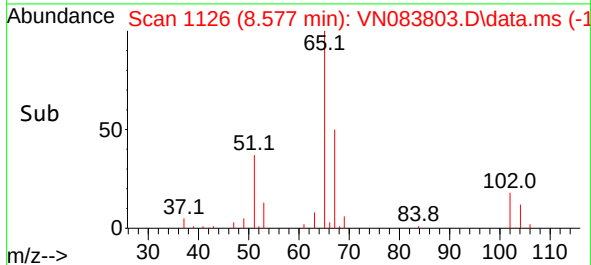
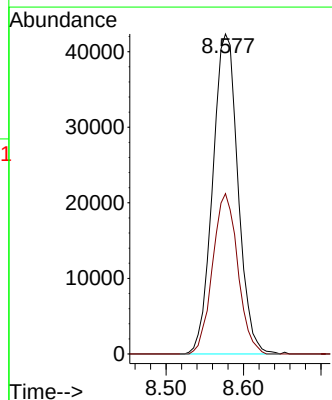
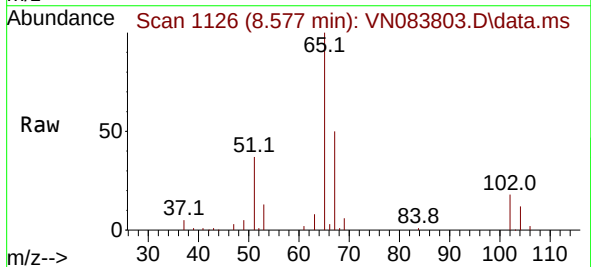
Instrument :
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ClientSampleId :
9424-A-C

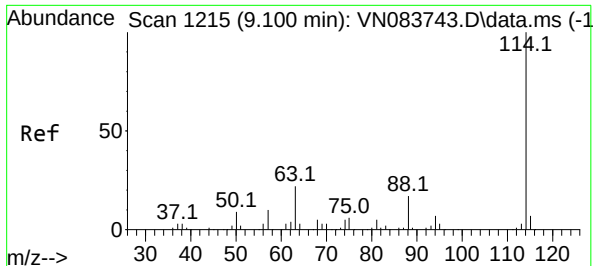
Tgt Ion: 43 Resp: 2912
Ion Ratio Lower Upper
43 100
72 29.9 20.8 31.2



#33
1,2-Dichloroethane-d4
Concen: 56.562 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN083803.D
Acq: 11 Sep 2024 18:21

Tgt Ion: 65 Resp: 96074
Ion Ratio Lower Upper
65 100
67 49.9 0.0 100.8

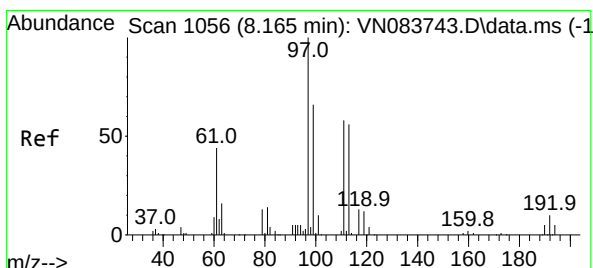
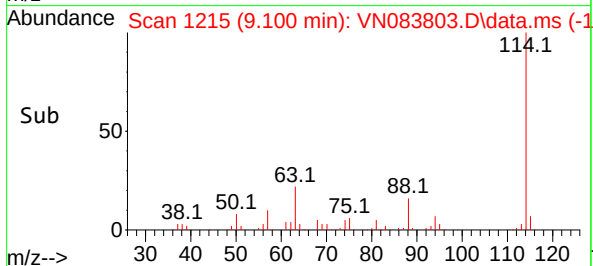
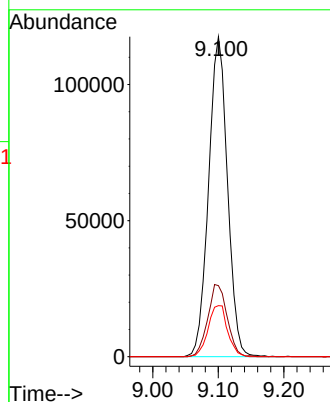
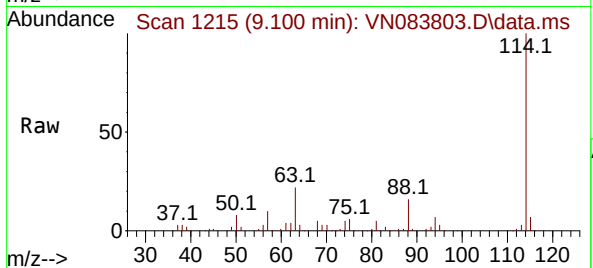




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083803.D
Acq: 11 Sep 2024 18:21

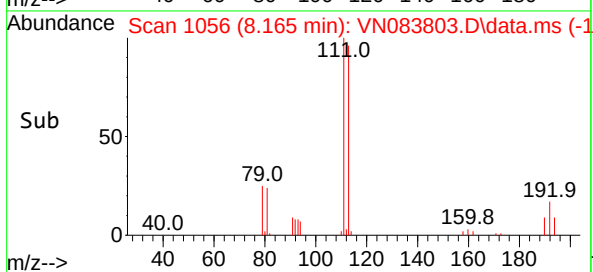
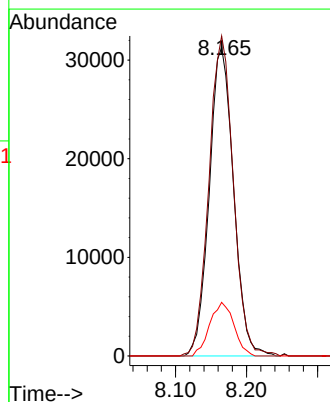
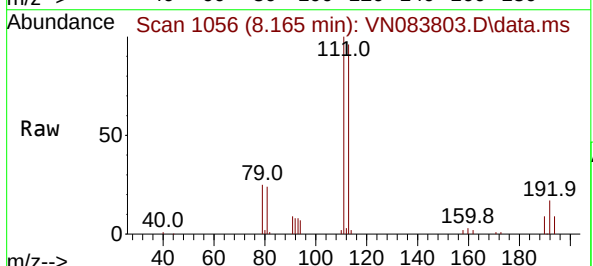
Instrument :
MSVOA_N
ClientSampleId :
9424-A-C

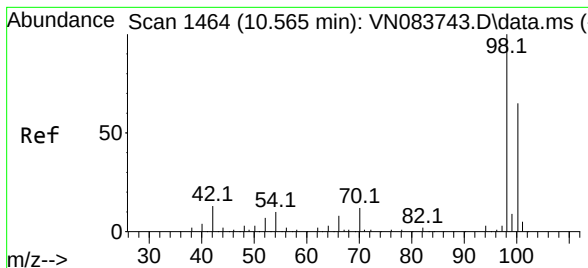
Tgt Ion:114 Resp: 235049
Ion Ratio Lower Upper
114 100
63 22.2 0.0 43.4
88 15.9 0.0 32.6



#35
Dibromofluoromethane
Concen: 49.317 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN083803.D
Acq: 11 Sep 2024 18:21

Tgt Ion:113 Resp: 74210
Ion Ratio Lower Upper
113 100
111 104.5 82.6 124.0
192 17.3 14.3 21.5

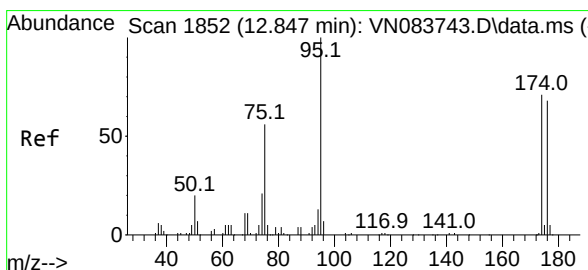
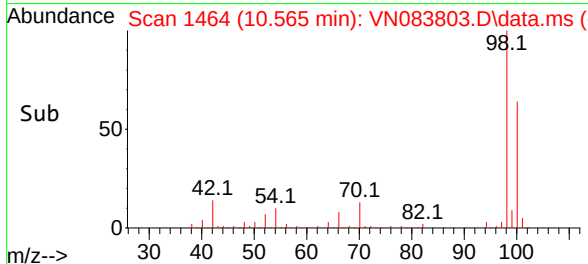
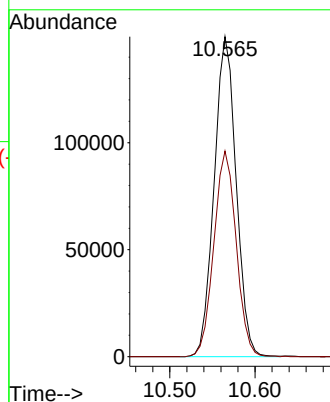
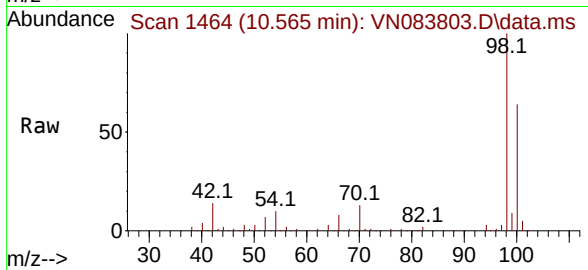




#50
Toluene-d8
Concen: 51.545 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN083803.D
Acq: 11 Sep 2024 18:21

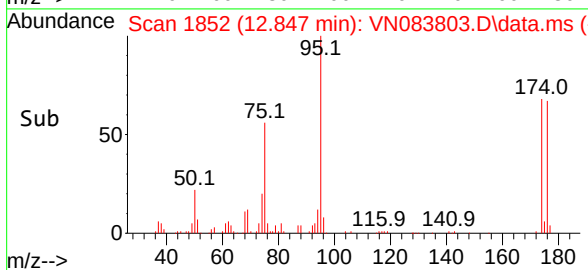
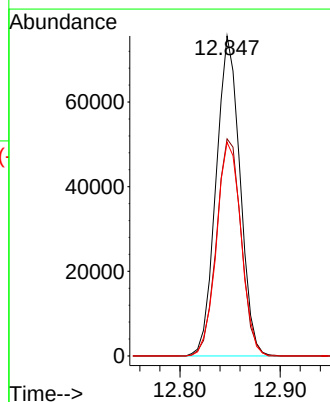
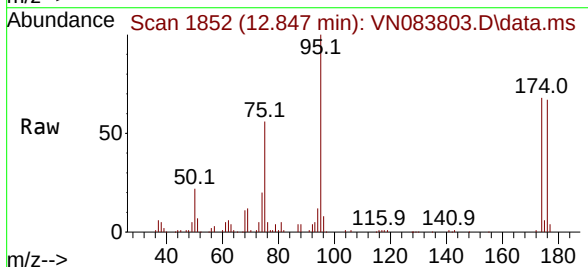
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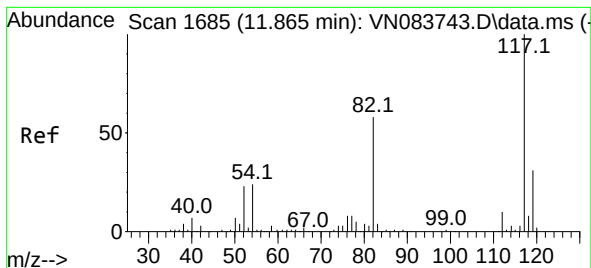
Tgt Ion: 98 Resp: 268140
Ion Ratio Lower Upper
98 100
100 65.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 58.269 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083803.D
Acq: 11 Sep 2024 18:21

Tgt Ion: 95 Resp: 125059
Ion Ratio Lower Upper
95 100
174 69.9 0.0 139.8
176 68.7 0.0 131.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN083803.D

Acq: 11 Sep 2024 18:21

Instrument :

MSVOA_N

ClientSampleId :

9424-A-C

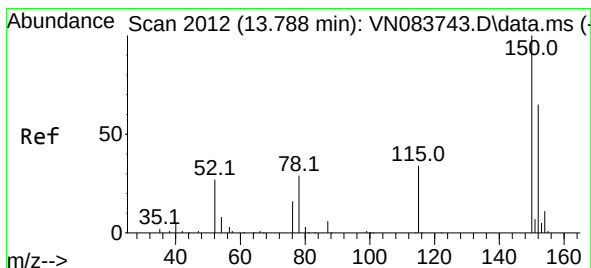
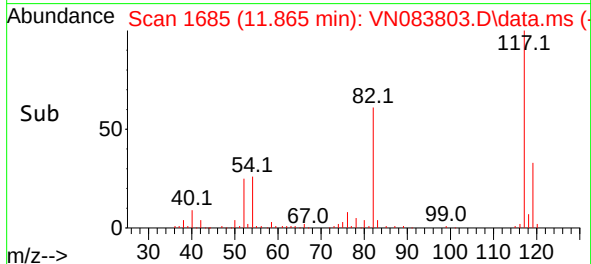
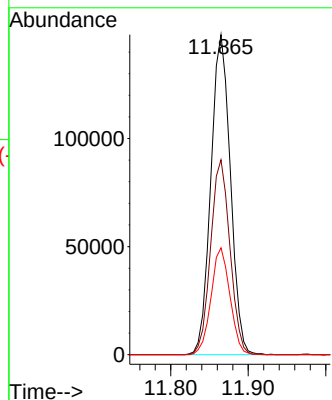
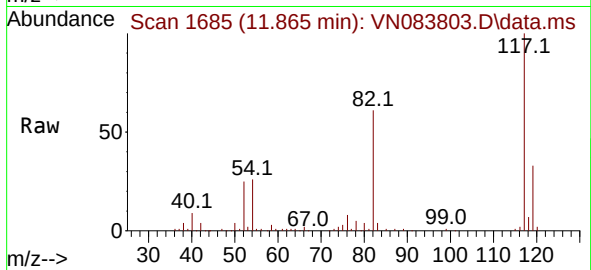
Tgt Ion:117 Resp: 259186

Ion Ratio Lower Upper

117 100

82 60.9 47.4 71.0

119 33.4 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.006 min

Lab File: VN083803.D

Acq: 11 Sep 2024 18:21

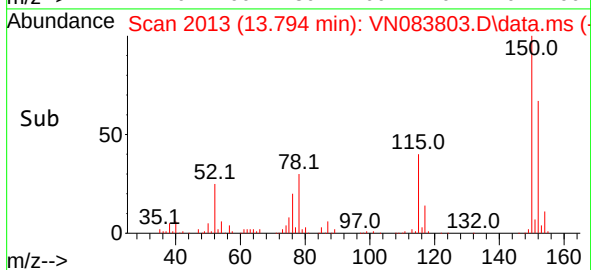
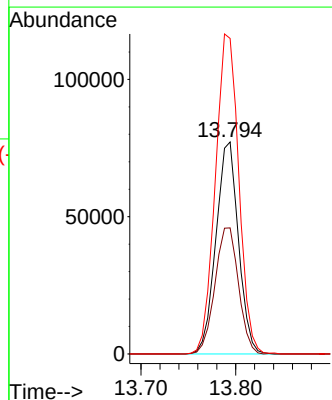
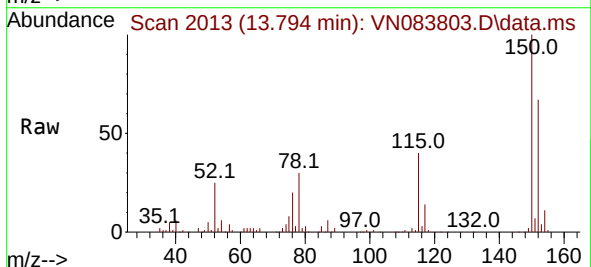
Tgt Ion:152 Resp: 127520

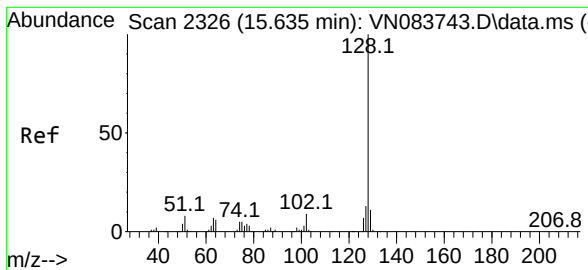
Ion Ratio Lower Upper

152 100

115 62.3 32.2 96.6

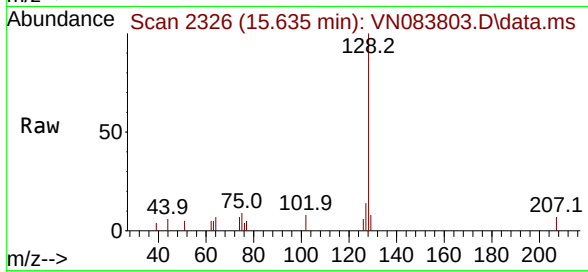
150 156.9 0.0 348.6





#95
 Naphthalene
 Concen: 1.065 ug/l
 RT: 15.635 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN083803.D
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Instrument :
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Tgt Ion:	128	Resp:	7524
Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.2	15.2
129	11.7	8.7	13.1

