

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091124\
 Data File : VN083813.D
 Acq On : 11 Sep 2024 22:21
 Operator : JC\MD
 Sample : P3913-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 9424-A-C

Quant Time: Sep 12 07:19:44 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)

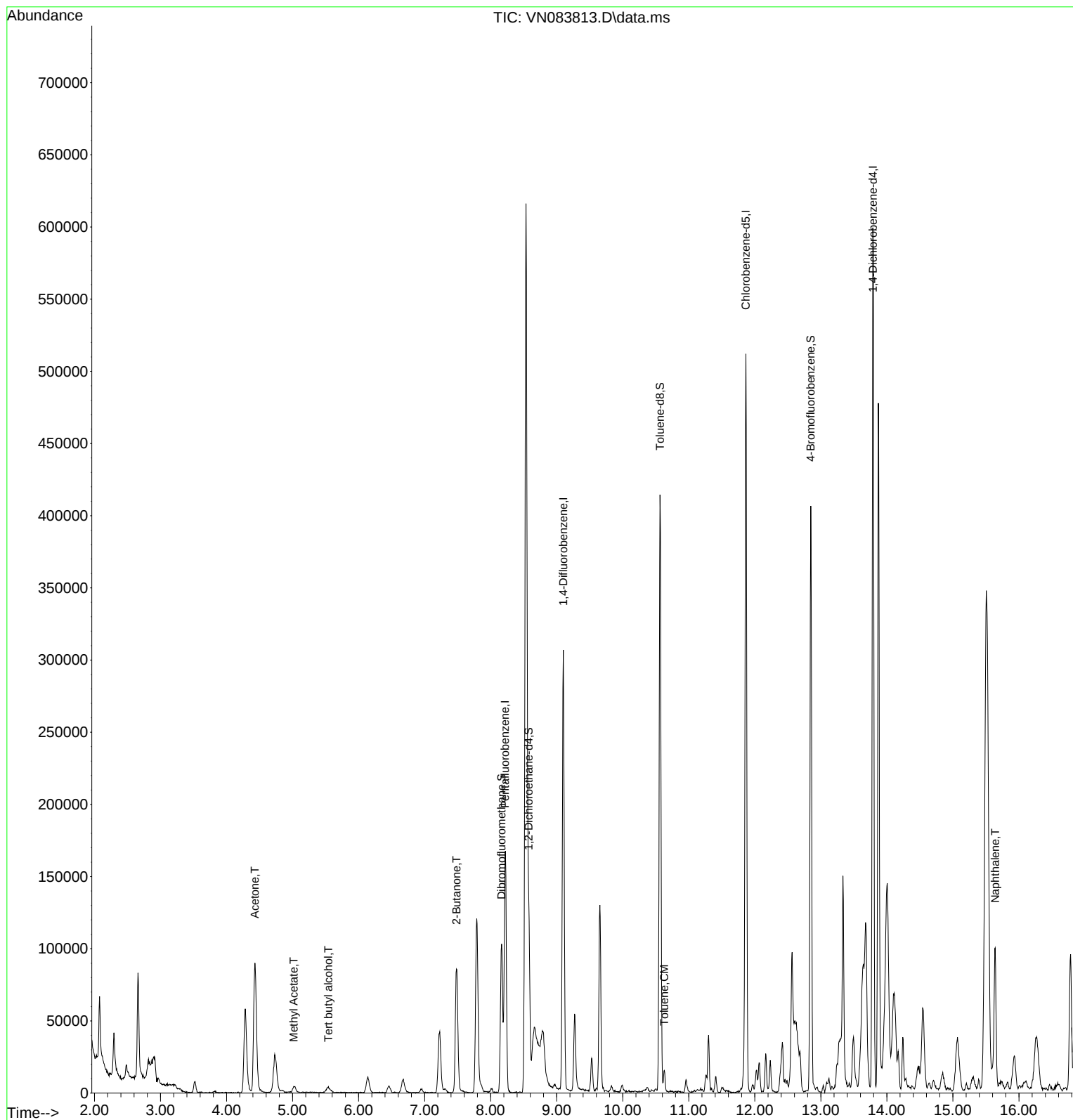
Internal Standards						
1) Pentafluorobenzene	8.218	168	115767	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	243389	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	278249	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	152130	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	93032	53.295	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 106.600%		
35) Dibromofluoromethane	8.165	113	75041	48.160	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 96.320%		
50) Toluene-d8	10.565	98	272163	50.526	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 101.060%		
62) 4-Bromofluorobenzene	12.847	95	138410	62.280	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 124.560%#		
Target Compounds						
						Qvalue
11) Tert butyl alcohol	5.541	59	6854m	29.322	ug/l	
16) Acetone	4.430	43	153575	219.465	ug/l	97
18) Methyl Acetate	5.018	43	9688	4.974	ug/l #	88
25) 2-Butanone	7.482	43	147026	159.857	ug/l	92
52) Toluene	10.629	92	6505	1.507	ug/l	98
95) Naphthalene	15.641	128	83357	9.895	ug/l	98

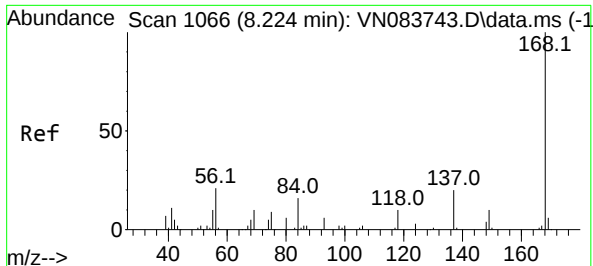
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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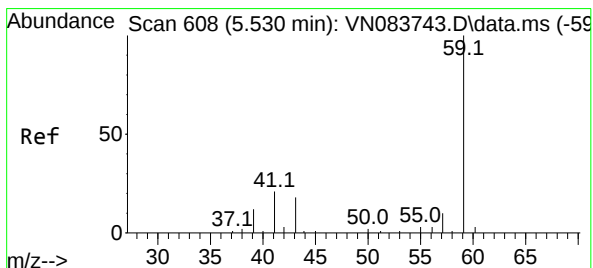
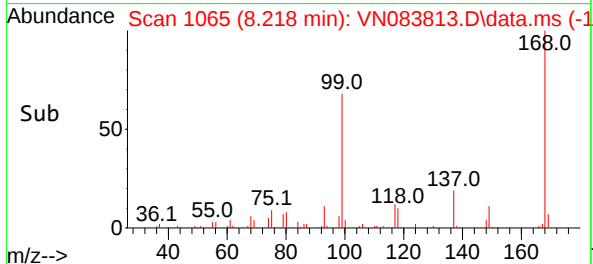
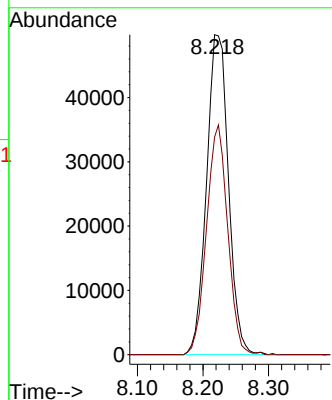
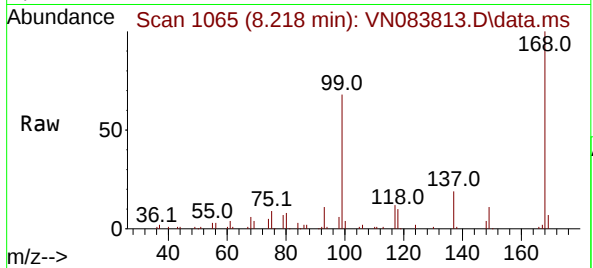




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN083813.D
Acq: 11 Sep 2024 22:21

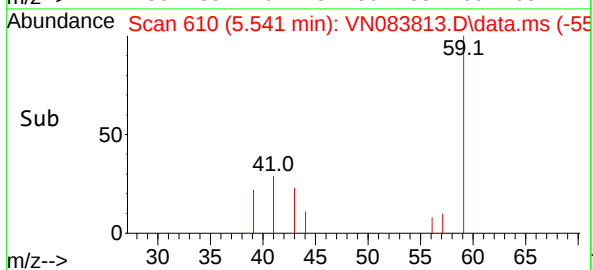
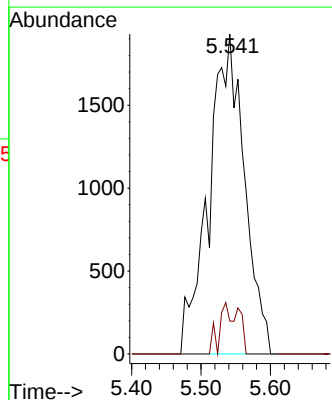
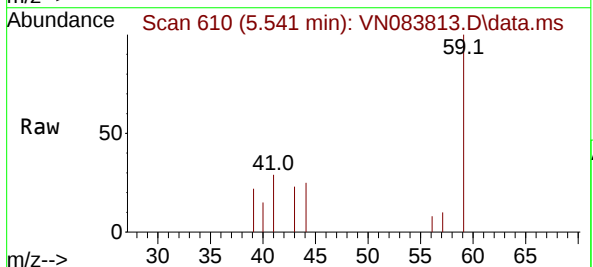
Instrument :
MSVOA_N
ClientSampleId :
9424-A-C

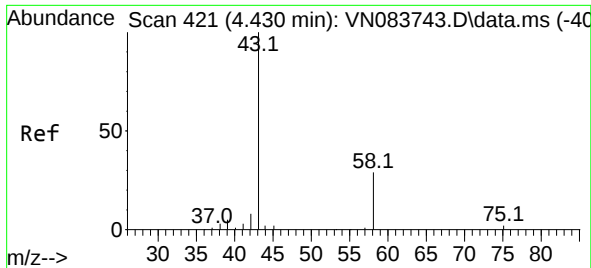
Tgt Ion:168 Resp: 115767
Ion Ratio Lower Upper
168 100
99 68.0 54.2 81.2



#11
Tert butyl alcohol
Concen: 29.322 ug/l m
RT: 5.541 min Scan# 610
Delta R.T. 0.012 min
Lab File: VN083813.D
Acq: 11 Sep 2024 22:21

Tgt Ion: 59 Resp: 6854
Ion Ratio Lower Upper
59 100
57 8.5 8.7 13.1#

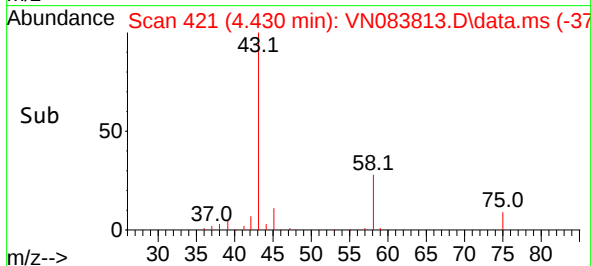
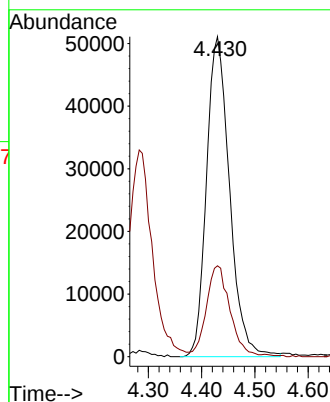
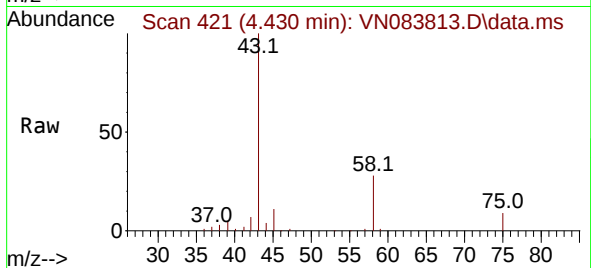




#16
Acetone
Concen: 219.465 ug/l
RT: 4.430 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN083813.D
Acq: 11 Sep 2024 22:21

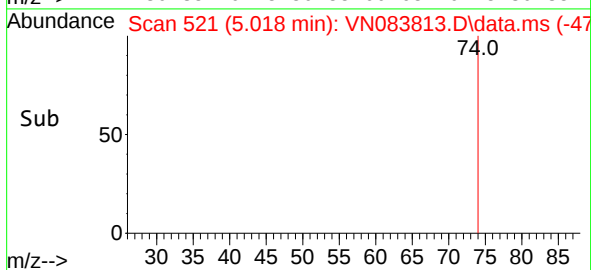
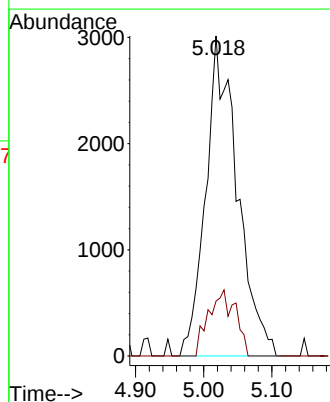
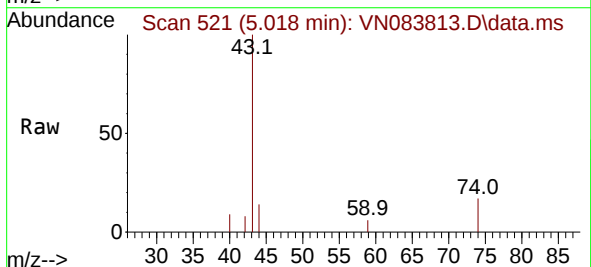
Instrument :
MSVOA_N
ClientSampleId :
9424-A-C

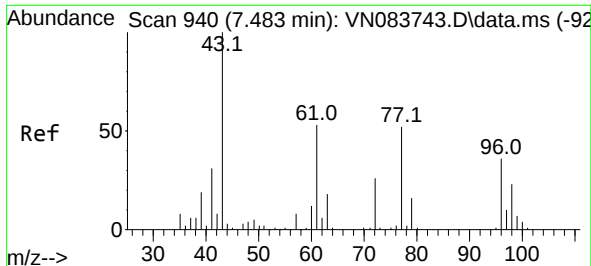
Tgt Ion: 43 Resp: 153575
Ion Ratio Lower Upper
43 100
58 28.0 23.7 35.5



#18
Methyl Acetate
Concen: 4.974 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN083813.D
Acq: 11 Sep 2024 22:21

Tgt Ion: 43 Resp: 9688
Ion Ratio Lower Upper
43 100
74 17.6 19.0 28.4#

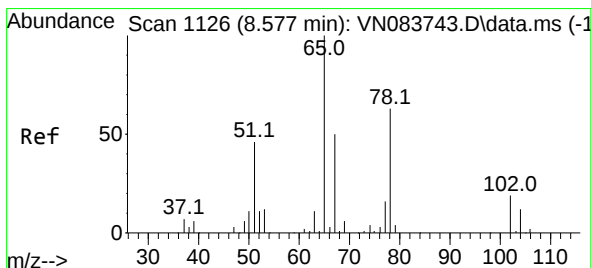
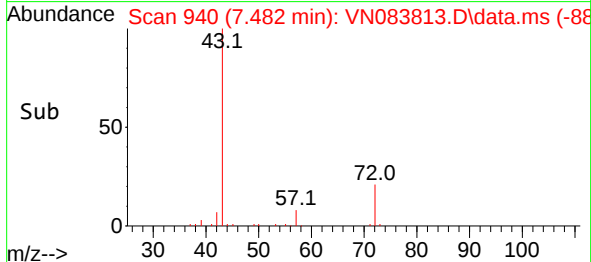
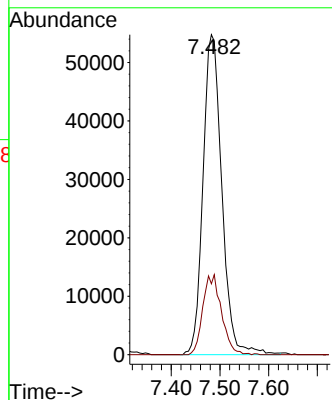
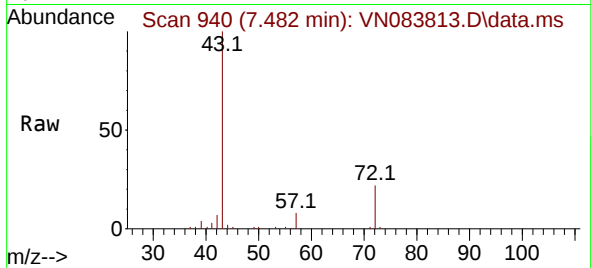




#25
2-Butanone
Concen: 159.857 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN083813.D
Acq: 11 Sep 2024 22:21

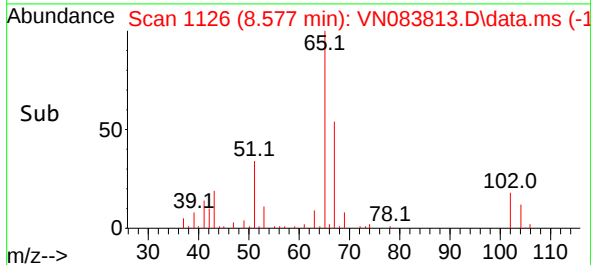
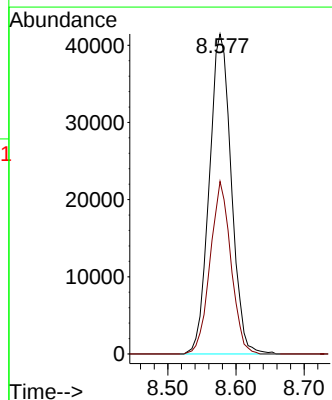
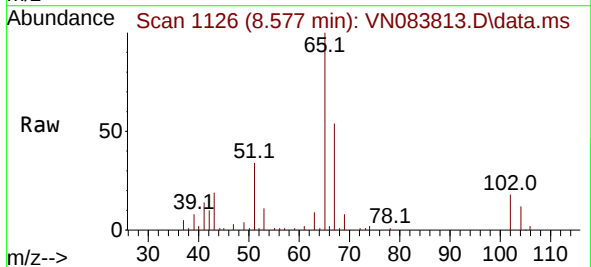
Instrument :
MSVOA_N
ClientSampleId :
9424-A-C

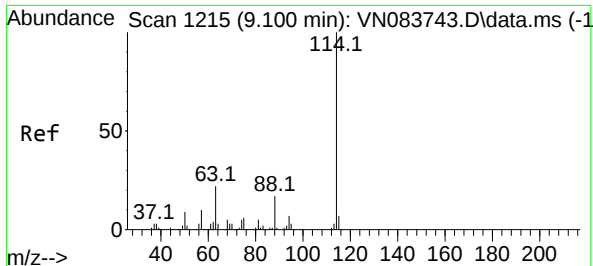
Tgt Ion: 43 Resp: 147026
Ion Ratio Lower Upper
43 100
72 22.1 20.8 31.2



#33
1,2-Dichloroethane-d4
Concen: 53.295 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN083813.D
Acq: 11 Sep 2024 22:21

Tgt Ion: 65 Resp: 93032
Ion Ratio Lower Upper
65 100
67 50.9 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN083813.D

Acq: 11 Sep 2024 22:21

Instrument :

MSVOA_N

ClientSampleId :

9424-A-C

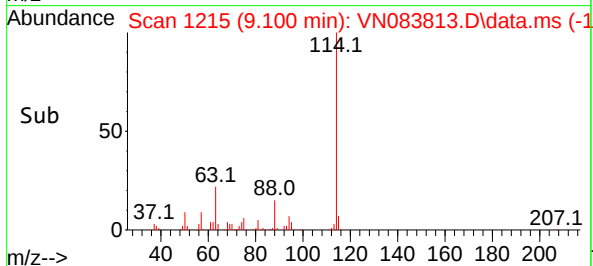
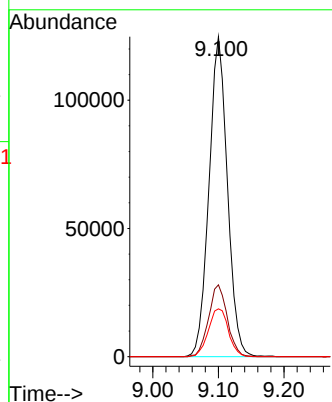
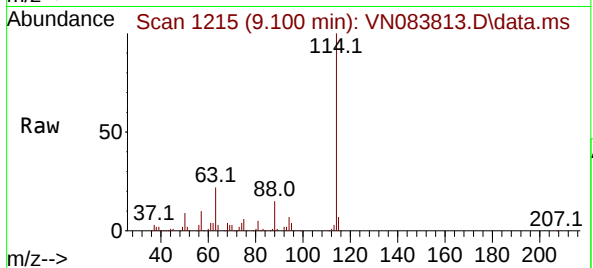
Tgt Ion:114 Resp: 243389

Ion Ratio Lower Upper

114 100

63 22.5 0.0 43.4

88 14.9 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.160 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083813.D

Acq: 11 Sep 2024 22:21

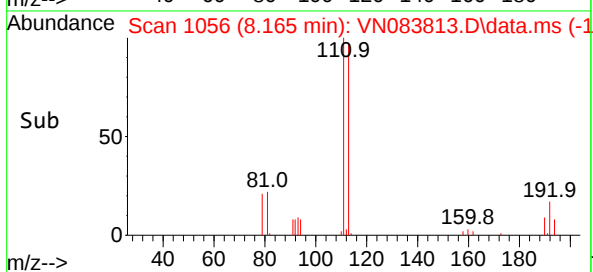
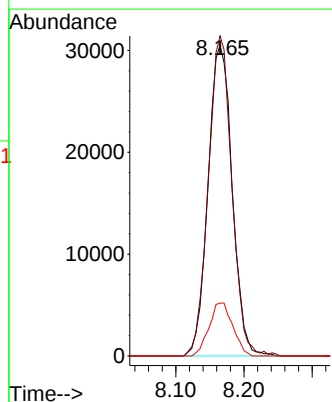
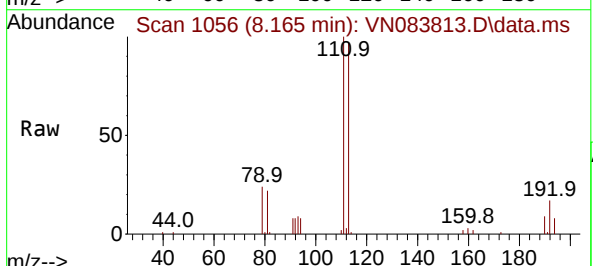
Tgt Ion:113 Resp: 75041

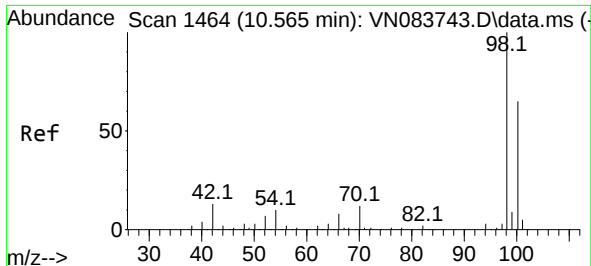
Ion Ratio Lower Upper

113 100

111 100.6 82.6 124.0

192 16.8 14.3 21.5

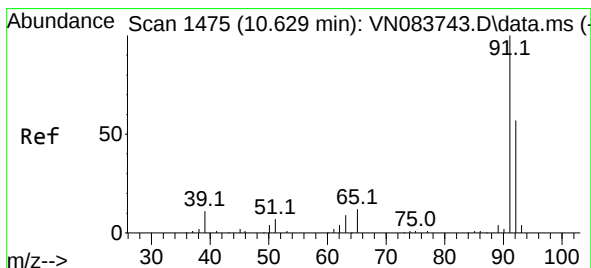
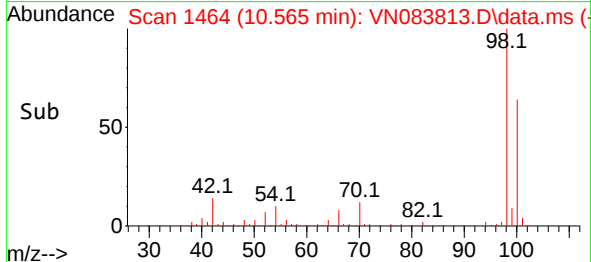
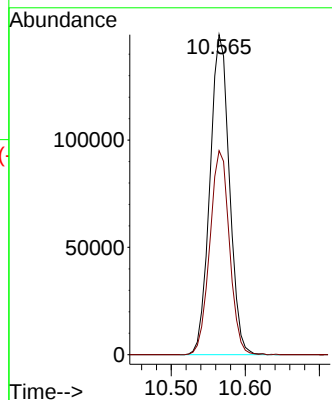
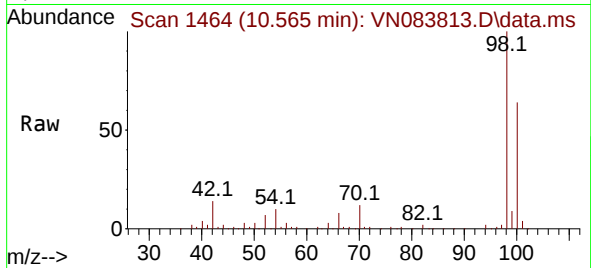




#50
Toluene-d8
Concen: 50.526 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083813.D
Acq: 11 Sep 2024 22:21

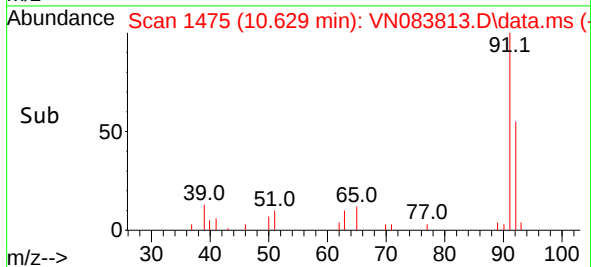
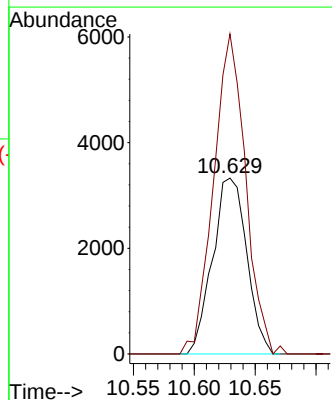
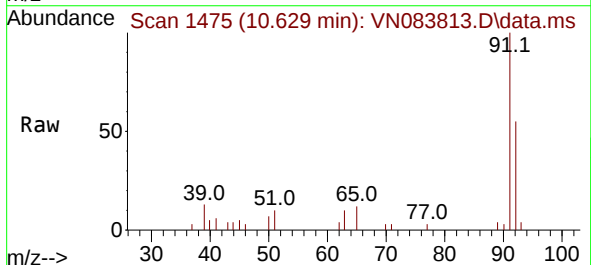
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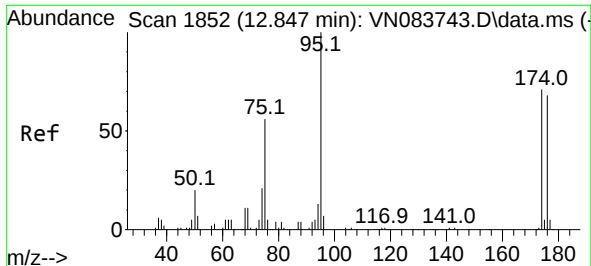
Tgt Ion: 98 Resp: 272163
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0



#52
Toluene
Concen: 1.507 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN083813.D
Acq: 11 Sep 2024 22:21

Tgt Ion: 92 Resp: 6505
Ion Ratio Lower Upper
92 100
91 170.7 134.7 202.1

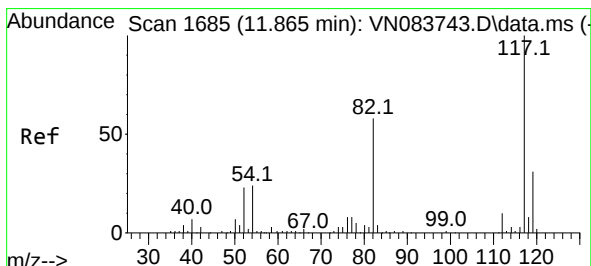
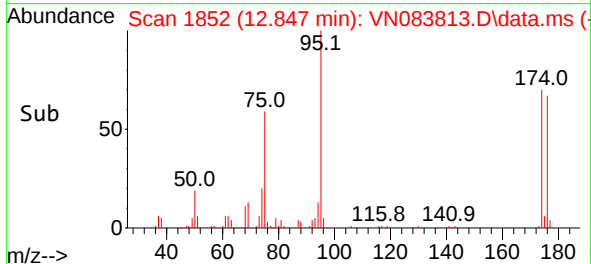
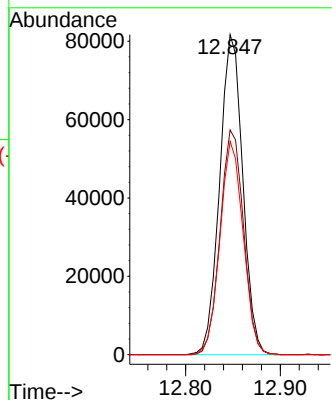
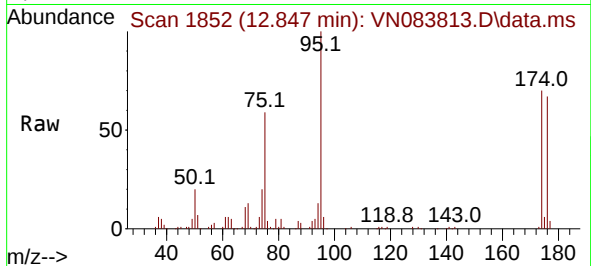




#62
4-Bromofluorobenzene
Concen: 62.280 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083813.D
Acq: 11 Sep 2024 22:21

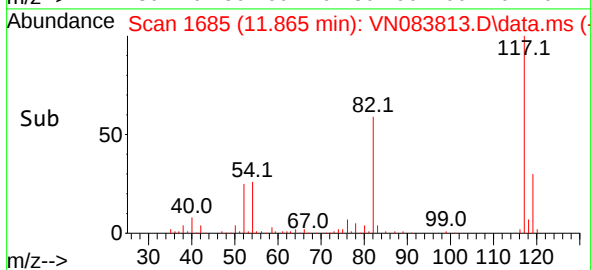
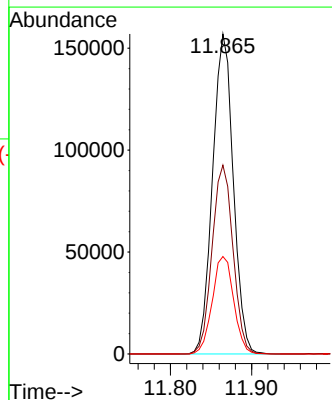
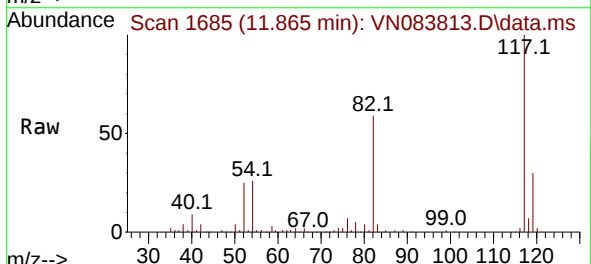
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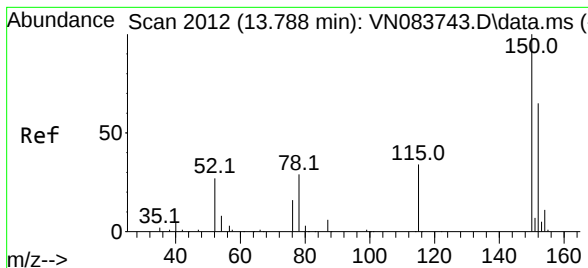
Tgt Ion: 95 Resp: 138410
Ion Ratio Lower Upper
95 100
174 71.3 0.0 139.8
176 67.2 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083813.D
Acq: 11 Sep 2024 22:21

Tgt Ion: 117 Resp: 278249
Ion Ratio Lower Upper
117 100
82 59.0 47.4 71.0
119 30.5 26.3 39.5

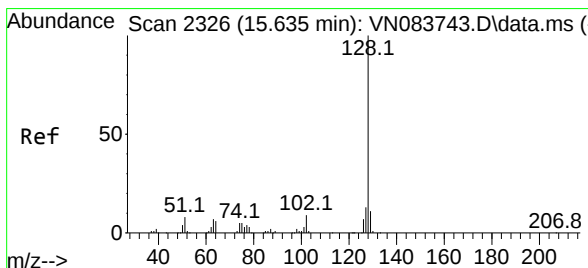
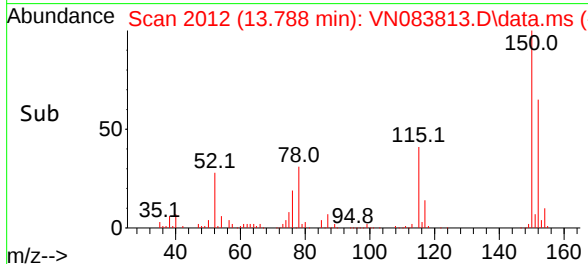
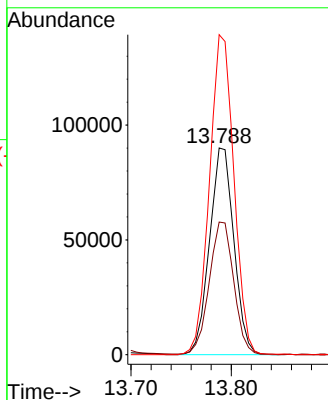
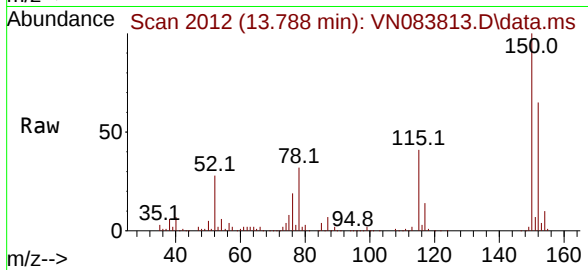




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN083813.D
Acq: 11 Sep 2024 22:21

Instrument :
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Tgt Ion:152 Resp: 152130
Ion Ratio Lower Upper
152 100
115 64.8 32.2 96.6
150 155.2 0.0 348.6



#95
Naphthalene
Concen: 9.895 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN083813.D
Acq: 11 Sep 2024 22:21

Tgt Ion:128 Resp: 83357
Ion Ratio Lower Upper
128 100
127 13.8 10.2 15.2
129 11.5 8.7 13.1

