

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090624\
 Data File : VN083703.D
 Acq On : 06 Sep 2024 18:00
 Operator : JC\MD
 Sample : P3884-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 002-35TH-AVE(SEP)

Quant Time: Sep 06 23:50:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 06 23:42:47 2024
 Response via : Initial Calibration

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

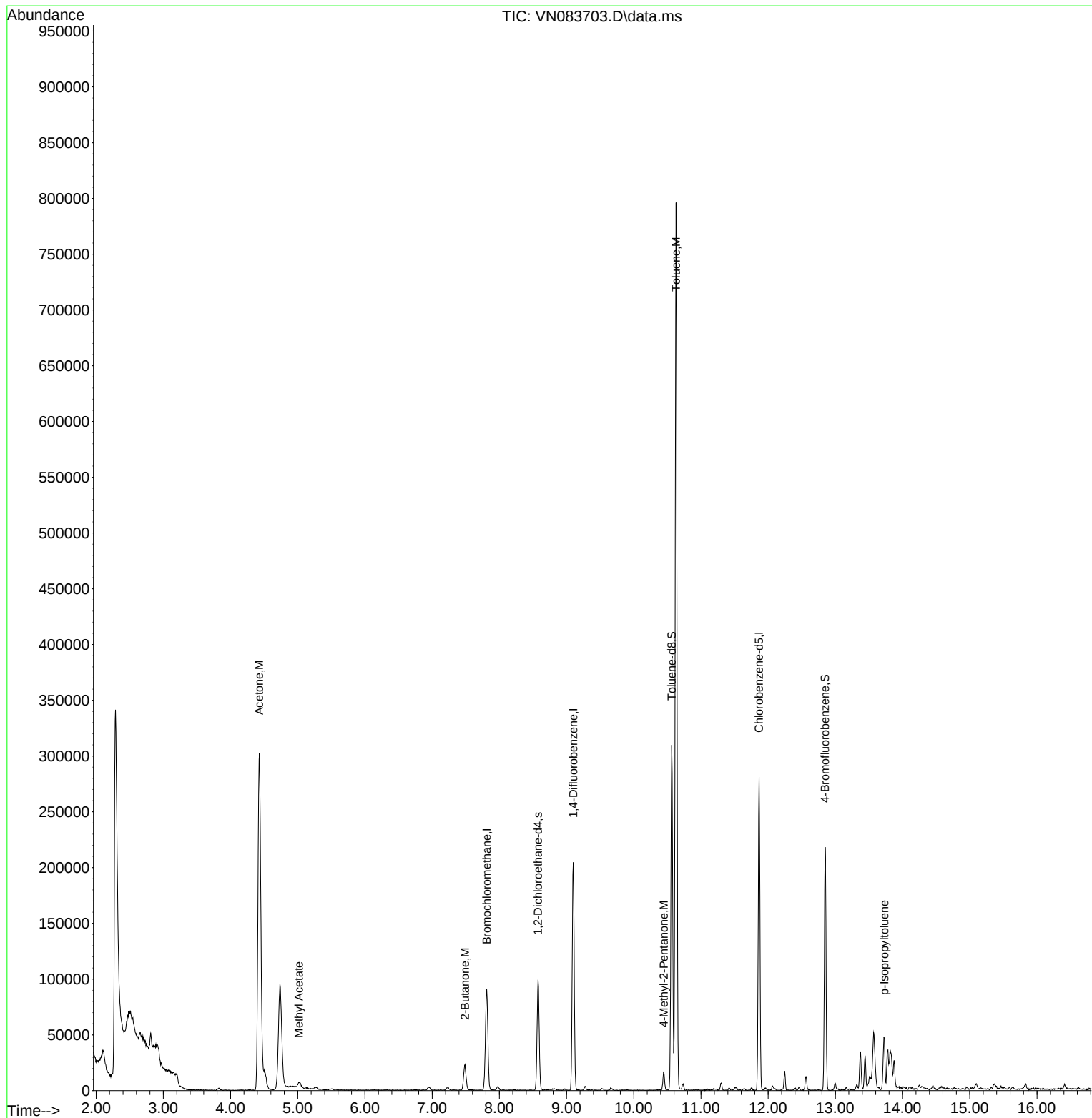
Internal Standards						
1) Bromochloromethane	7.812	128	28985	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	171553	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	153779	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	83628	31.564	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	105.200%	
60) 4-Bromofluorobenzene	12.847	95	75888	28.633	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	95.433%	
63) Toluene-d8	10.565	98	207029	29.075	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	96.900%	
Target Compounds						
					Qvalue	
12) Methyl Acetate	5.018	43	10515	4.840	ug/l #	83
15) Acetone	4.424	58	149711	513.322	ug/l #	62
30) 2-Butanone	7.488	43	37213	29.012	ug/l	94
58) 4-Methyl-2-Pentanone	10.447	43	11298	4.633	ug/l #	88
62) Toluene	10.629	91	583967	66.067	ug/l	99
82) p-Isopropyltoluene	13.729	119	18639	2.351	ug/l	98

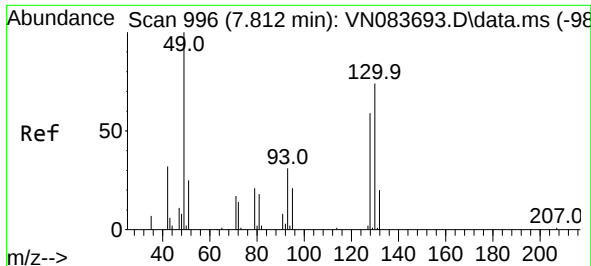
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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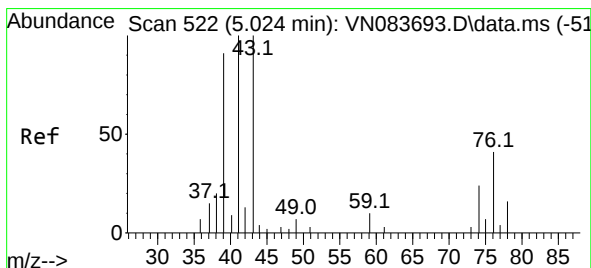
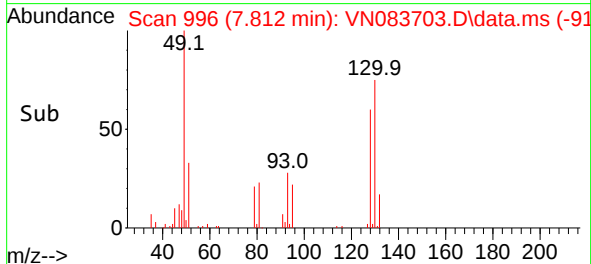
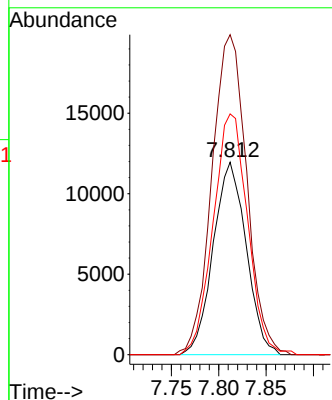
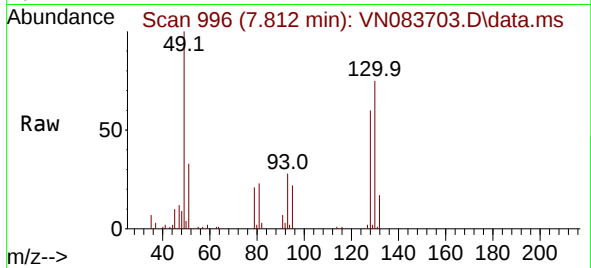




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN083703.D
Acq: 06 Sep 2024 18:00

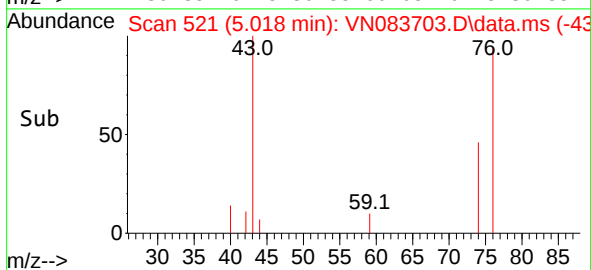
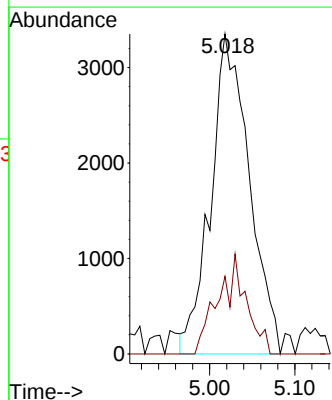
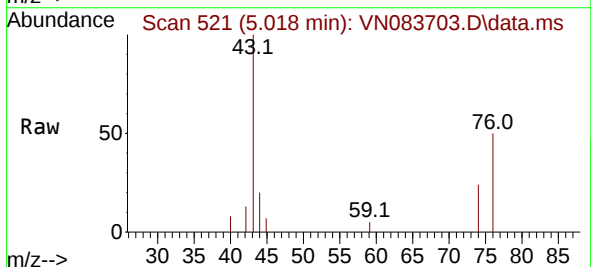
Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE(SEP)

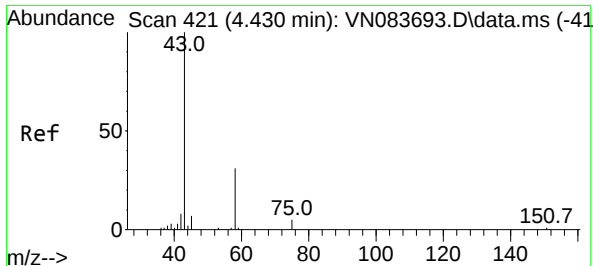
Tgt Ion:128 Resp: 28985
Ion Ratio Lower Upper
128 100
49 175.3 0.0 403.7
130 130.2 0.0 323.3



#12
Methyl Acetate
Concen: 4.840 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN083703.D
Acq: 06 Sep 2024 18:00

Tgt Ion: 43 Resp: 10515
Ion Ratio Lower Upper
43 100
74 25.0 27.7 41.5#

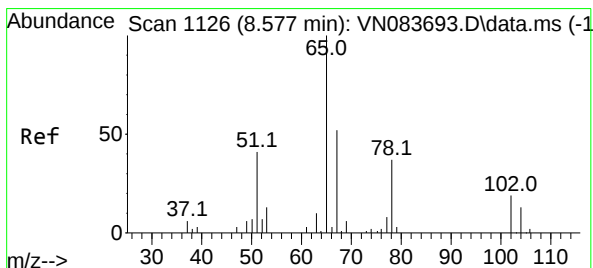
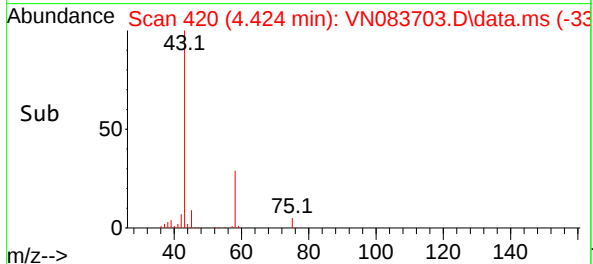
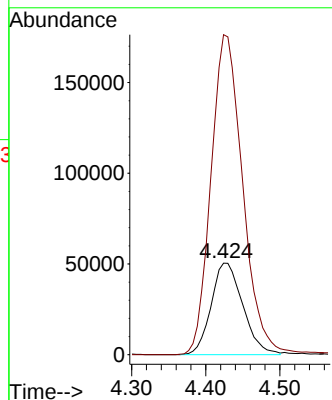
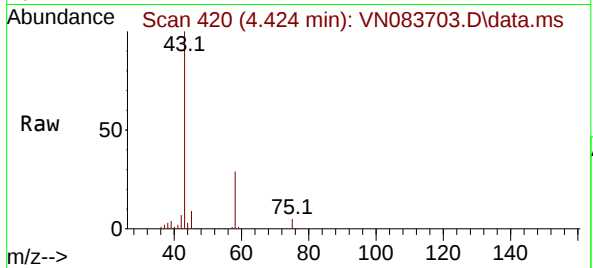




#15
Acetone
Concen: 513.322 ug/l
RT: 4.424 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN083703.D
Acq: 06 Sep 2024 18:00

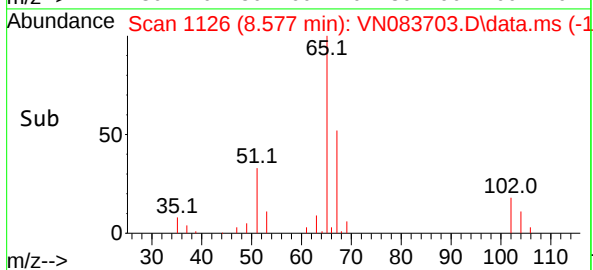
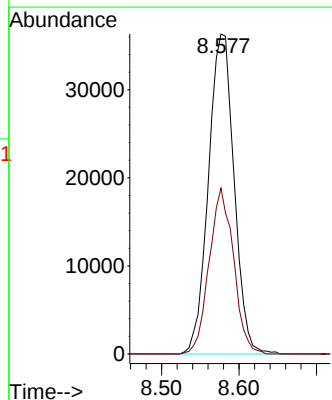
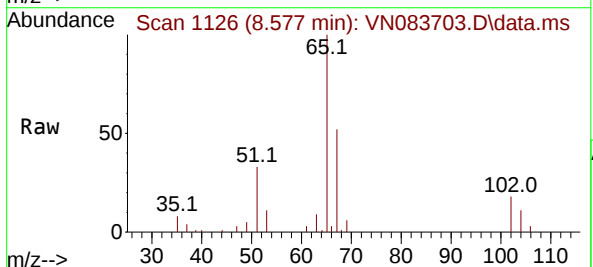
Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE(SEP)

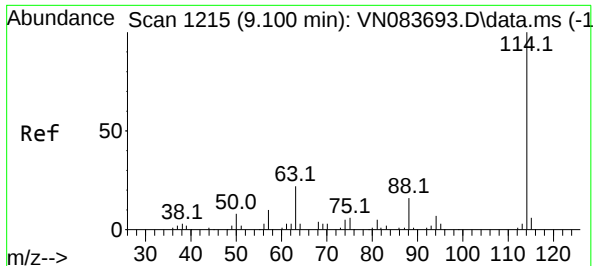
Tgt Ion: 58 Resp: 149711
Ion Ratio Lower Upper
58 100
43 349.1 223.1 334.7#



#27
1,2-Dichloroethane-d4
Concen: 31.564 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN083703.D
Acq: 06 Sep 2024 18:00

Tgt Ion: 65 Resp: 83628
Ion Ratio Lower Upper
65 100
67 49.2 43.2 64.8

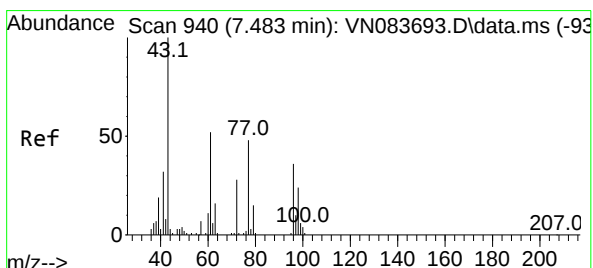
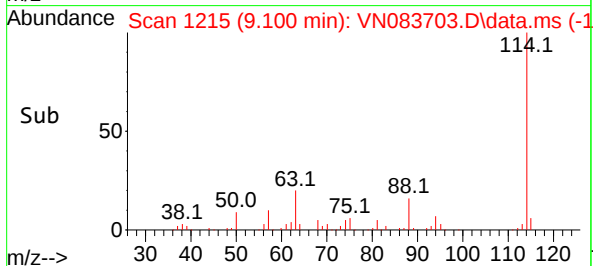
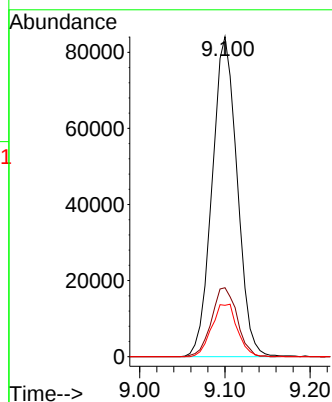
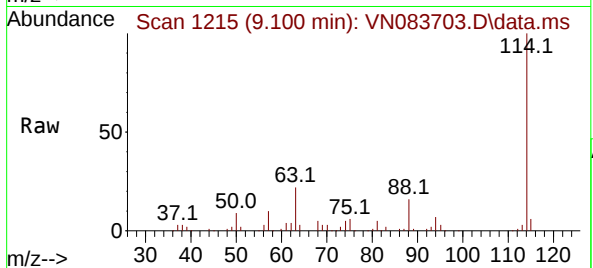




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083703.D
Acq: 06 Sep 2024 18:00

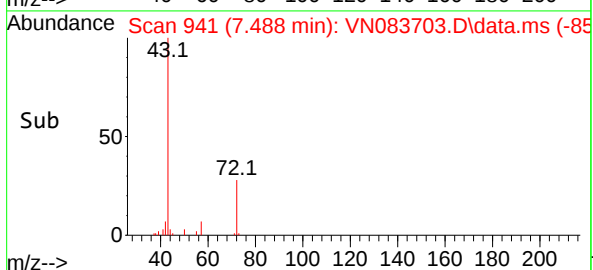
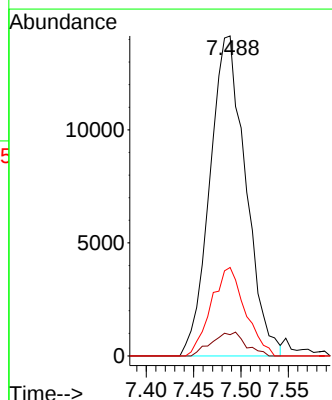
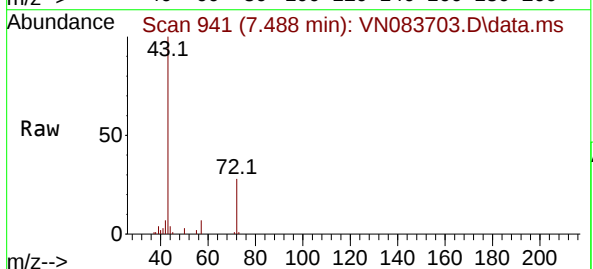
Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE(SEP)

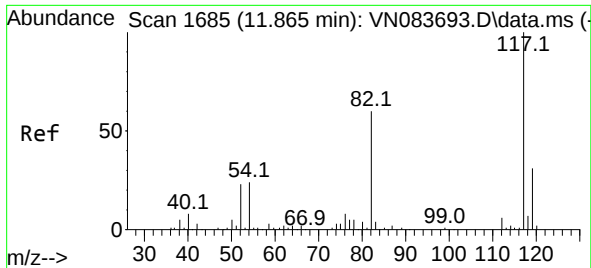
Tgt Ion:114 Resp: 171553
Ion Ratio Lower Upper
114 100
63 22.0 15.9 23.9
88 16.8 12.7 19.1



#30
2-Butanone
Concen: 29.012 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN083703.D
Acq: 06 Sep 2024 18:00

Tgt Ion: 43 Resp: 37213
Ion Ratio Lower Upper
43 100
57 7.0 6.7 10.1
72 26.3 24.0 36.0

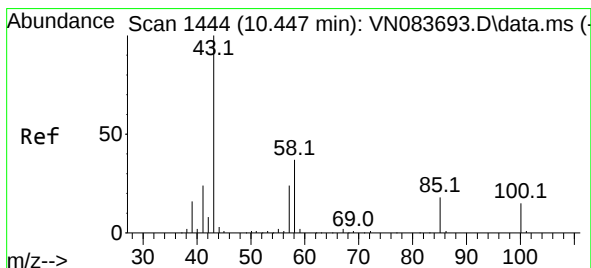
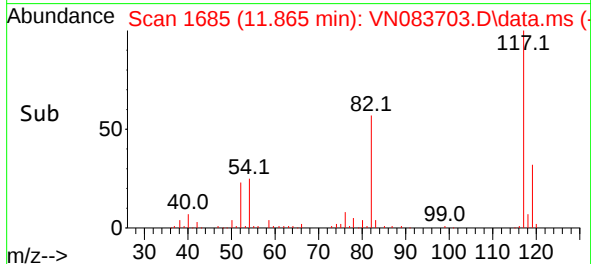
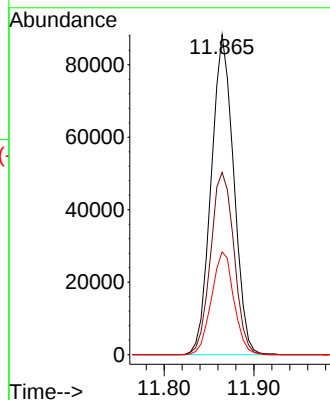
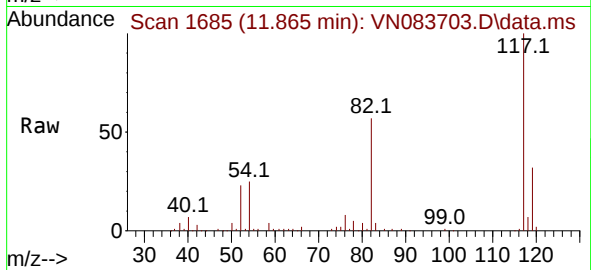




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN083703.D
Acq: 06 Sep 2024 18:00

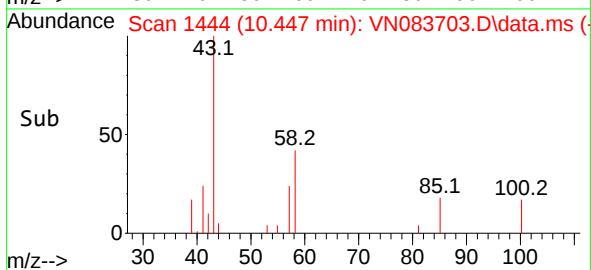
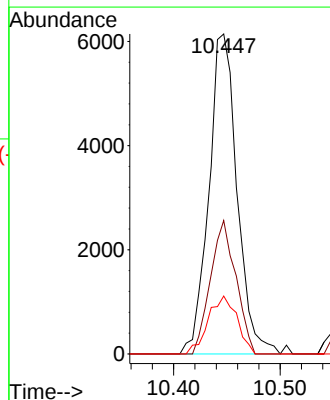
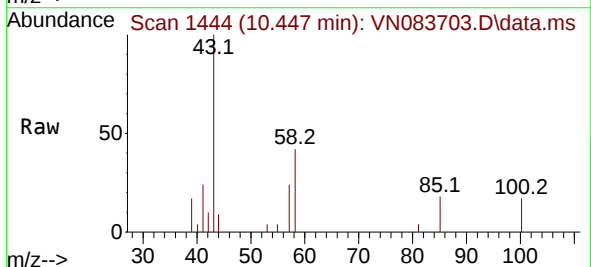
Instrument :
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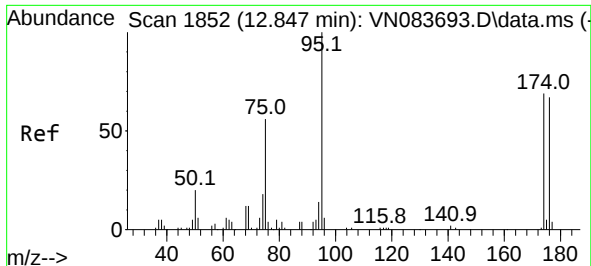
Tgt Ion:117 Resp: 153779
Ion Ratio Lower Upper
117 100
82 59.3 46.6 69.8
119 32.0 25.4 38.2



#58
4-Methyl-2-Pentanone
Concen: 4.633 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN083703.D
Acq: 06 Sep 2024 18:00

Tgt Ion: 43 Resp: 11298
Ion Ratio Lower Upper
43 100
58 37.6 36.5 54.7
85 18.5 19.5 29.3#

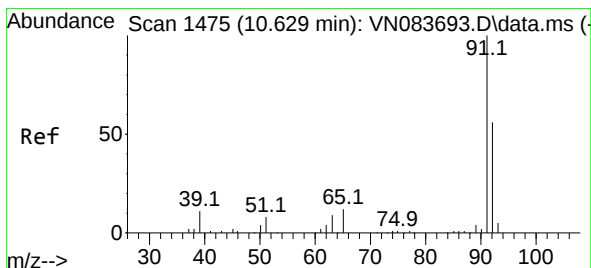
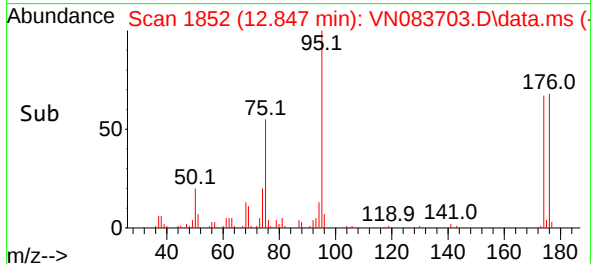
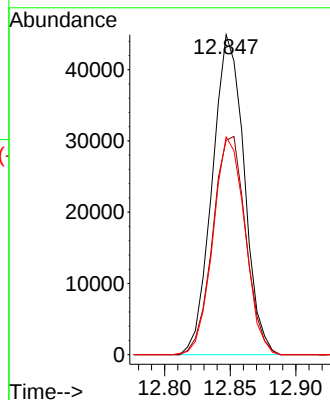
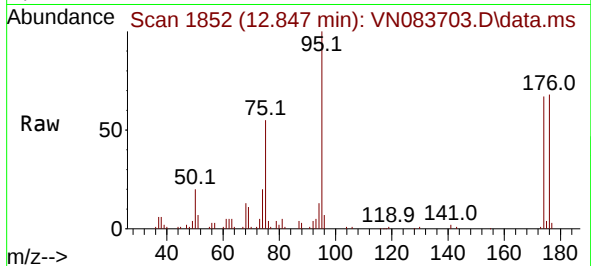




#60
4-Bromofluorobenzene
Concen: 28.633 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083703.D
Acq: 06 Sep 2024 18:00

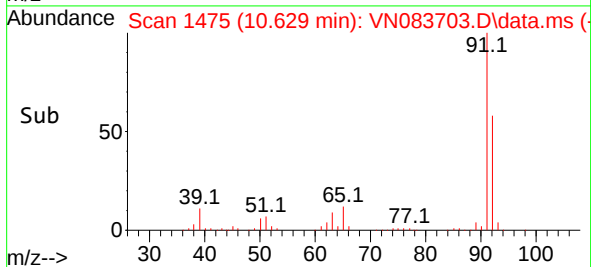
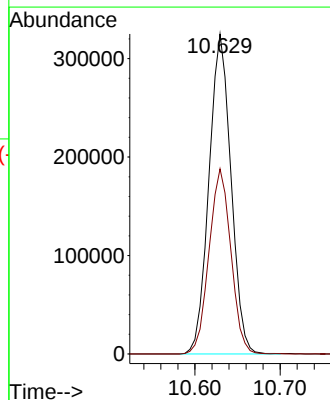
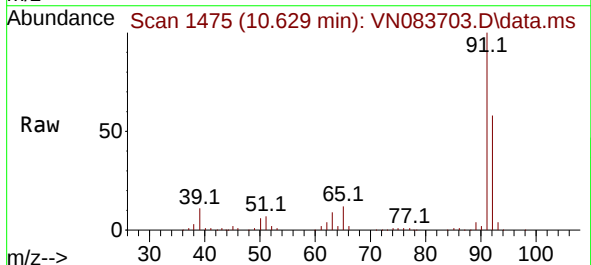
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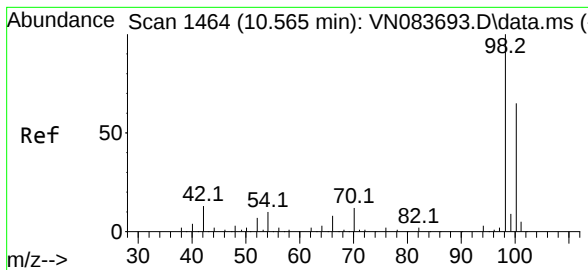
Tgt Ion: 95 Resp: 75888
Ion Ratio Lower Upper
95 100
174 70.7 60.5 90.7
176 68.1 57.8 86.6



#62
Toluene
Concen: 66.067 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN083703.D
Acq: 06 Sep 2024 18:00

Tgt Ion: 91 Resp: 583967
Ion Ratio Lower Upper
91 100
92 57.4 46.5 69.7

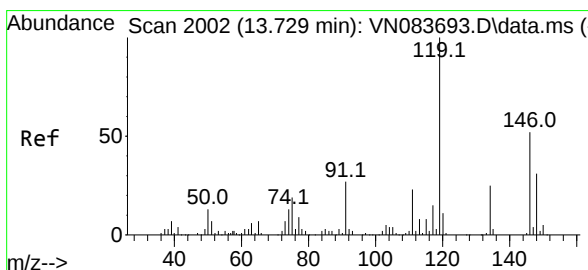
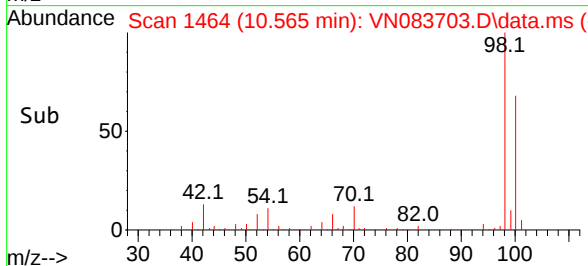
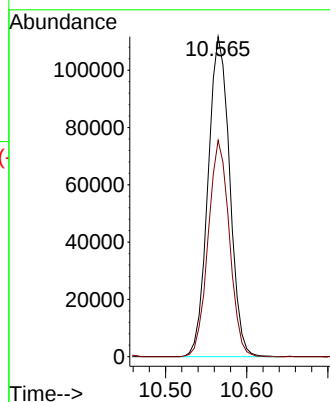
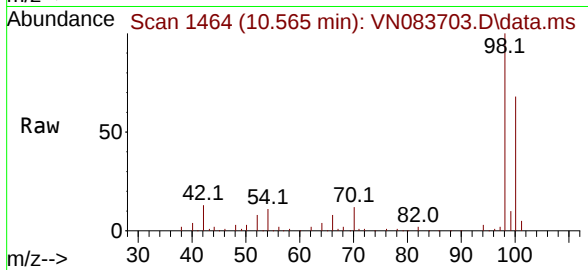




#63
Toluene-d8
Concen: 29.075 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083703.D
Acq: 06 Sep 2024 18:00

Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE(SEP)

Tgt Ion: 98 Resp: 207029
Ion Ratio Lower Upper
98 100
100 66.2 52.7 79.1



#82
p-Isopropyltoluene
Concen: 2.351 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN083703.D
Acq: 06 Sep 2024 18:00

Tgt Ion: 119 Resp: 18639
Ion Ratio Lower Upper
119 100
134 26.2 0.0 49.2
91 24.0 0.0 48.8

