

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120624\
 Data File : VN085140.D
 Acq On : 06 Dec 2024 20:27
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 06 23:14:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N120624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Dec 06 22:50:42 2024
 Response via : Initial Calibration

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

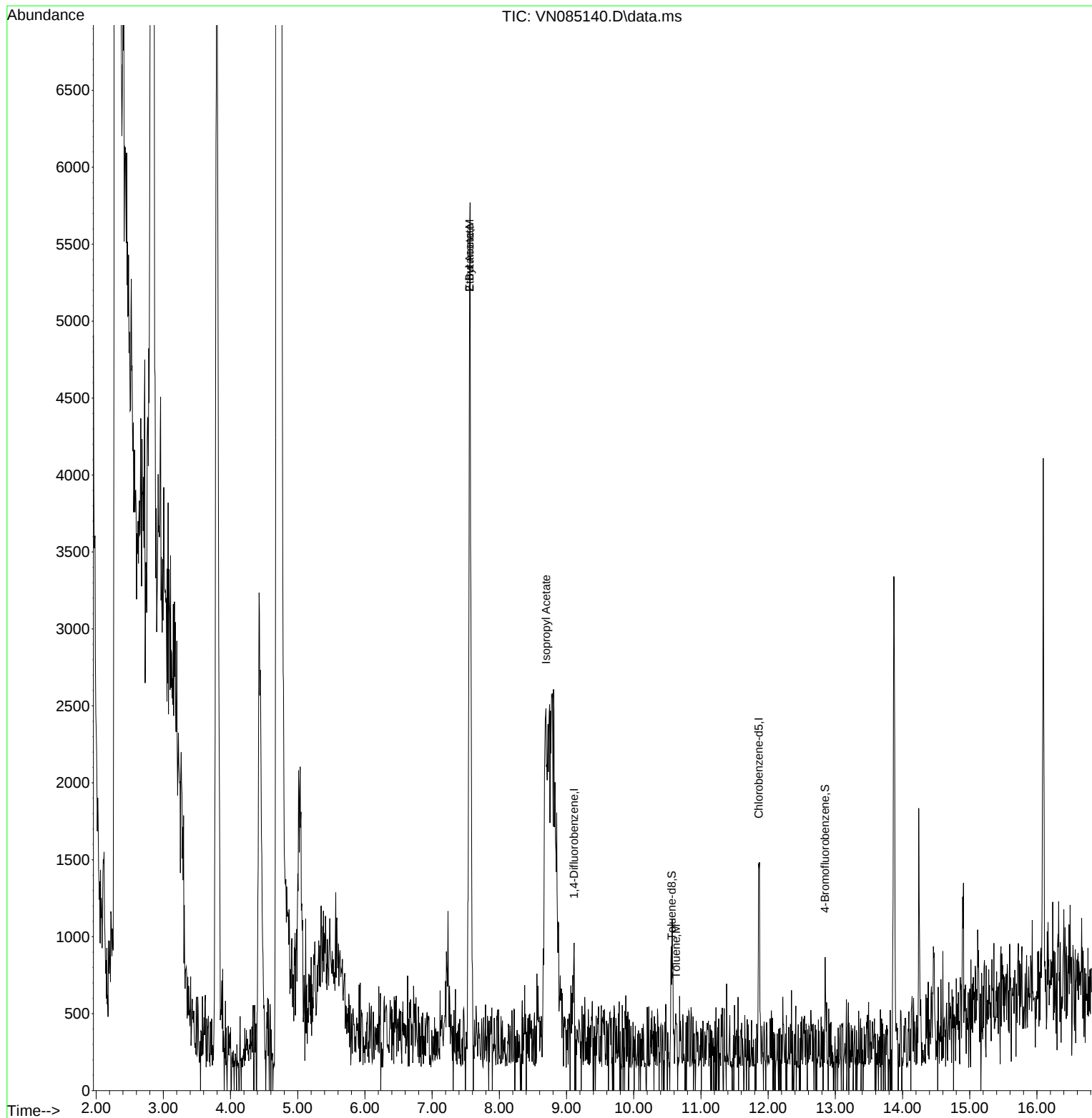
Internal Standards						
1) Bromochloromethane	0.000	128	0	0.000	ug/l	-7.81
28) 1,4-Difluorobenzene	9.112	114	812	30.000	ug/l	# 0.01
57) Chlorobenzene-d5	11.859	117	839	30.000	ug/l	# 0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	225	0.000	ug/l	-0.02
Spiked Amount	30.000	Range	91 - 110	Recovery	=	0.000%#
60) 4-Bromofluorobenzene	12.847	95	238	17.144	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	57.133%#
63) Toluene-d8	10.565	98	284	7.216	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	24.067%#
Target Compounds						
						Qvalue
30) 2-Butanone	7.559	43	7635	1269.778	ug/l #	54
43) Ethyl Acetate	7.559	43	7635	638.176	ug/l #	91
44) Isopropyl Acetate	8.694	43	369	17.748	ug/l #	48
62) Toluene	10.630	91	199	4.067	ug/l #	22

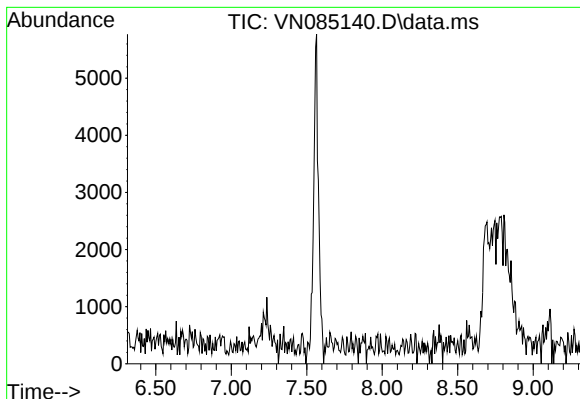
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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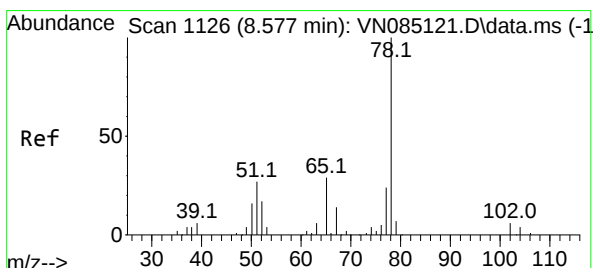
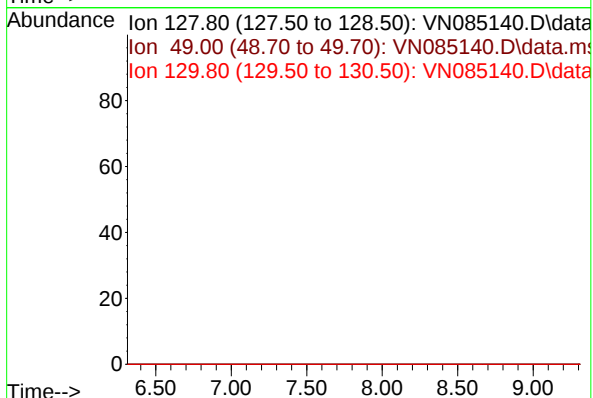




#1
 Bromochloromethane
 Concen: 0.000 ug/l
 Expected RT: 7.81 min
 Lab File: VN085140.D
 Acq: 06 Dec 2024 20:27

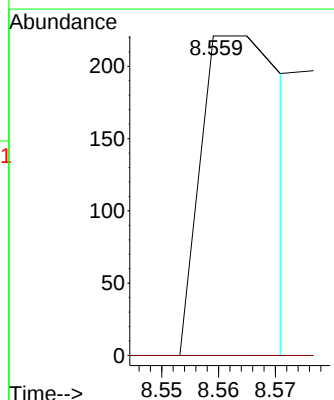
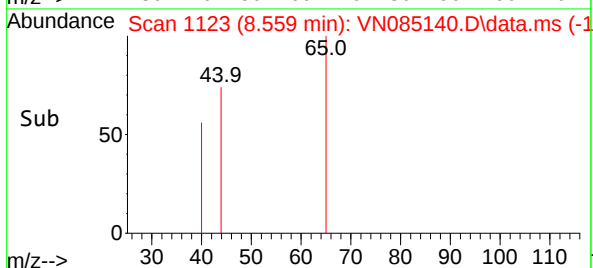
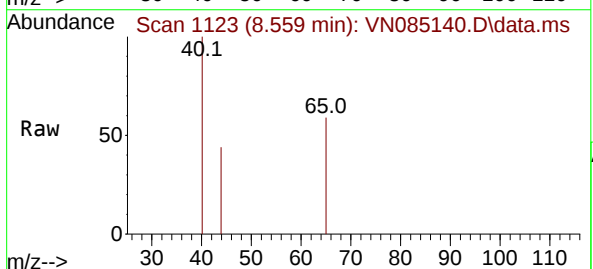
Instrument :
 MSVOA_N
 ClientSampleId :

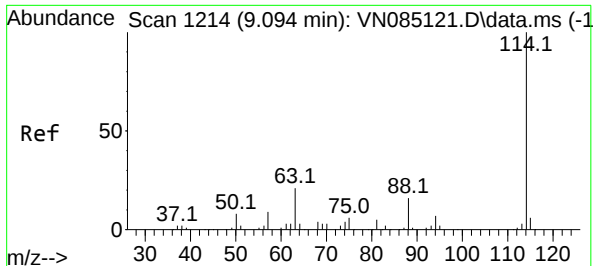
Tgt Ion: 128
 Sig Exp Ratio
 128 100
 49 157.8
 130 126.6



#27
 1,2-Dichloroethane-d4
 Concen: 0.000 ug/l
 RT: 8.559 min Scan# 1123
 Delta R.T. -0.018 min
 Lab File: VN085140.D
 Acq: 06 Dec 2024 20:27

Tgt Ion: 65 Resp: 225
 Ion Ratio Lower Upper
 65 100
 67 0.0 39.9 59.9#

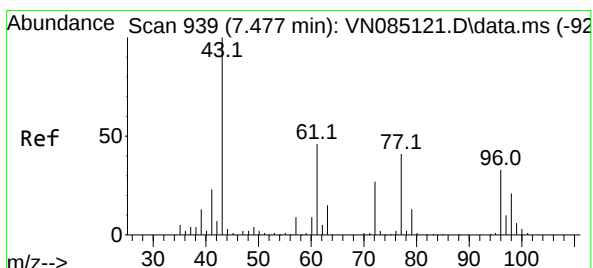
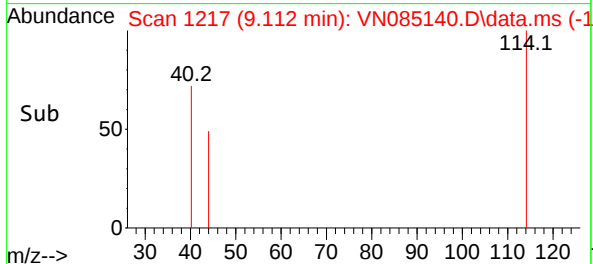
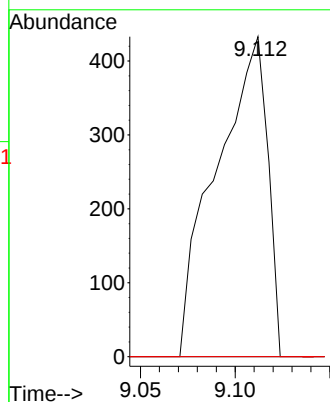
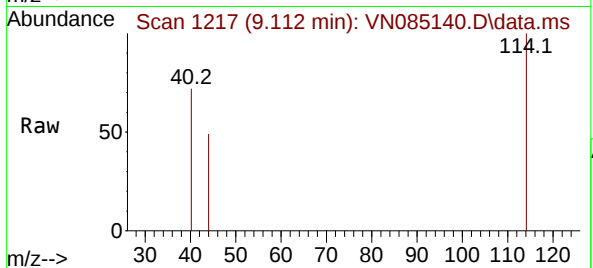




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.112 min Scan# 114
Delta R.T. 0.012 min
Lab File: VN085140.D
Acq: 06 Dec 2024 20:27

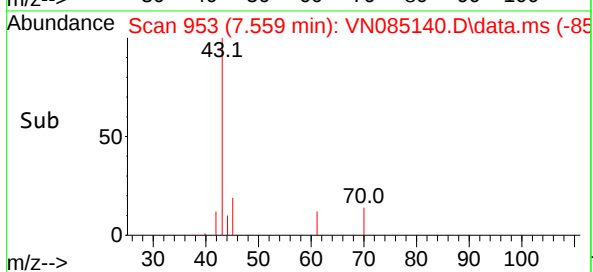
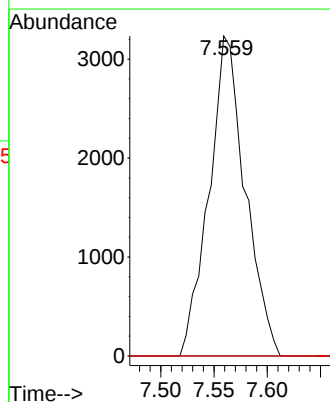
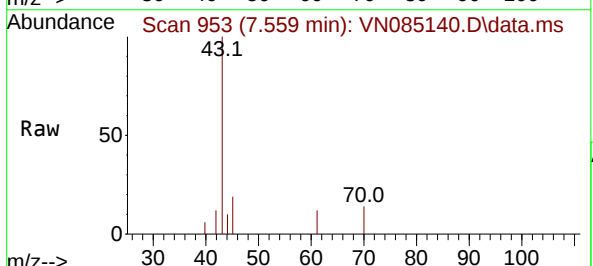
Instrument :
MSVOA_N
ClientSampleId :

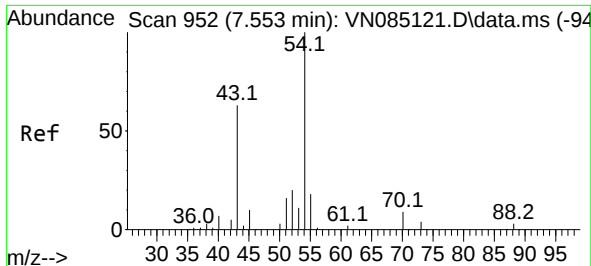
Tgt Ion:114 Resp: 812
Ion Ratio Lower Upper
114 100
63 0.0 16.2 24.2#
88 0.0 12.5 18.7#



#30
2-Butanone
Concen: 1269.778 ug/l
RT: 7.559 min Scan# 953
Delta R.T. 0.077 min
Lab File: VN085140.D
Acq: 06 Dec 2024 20:27

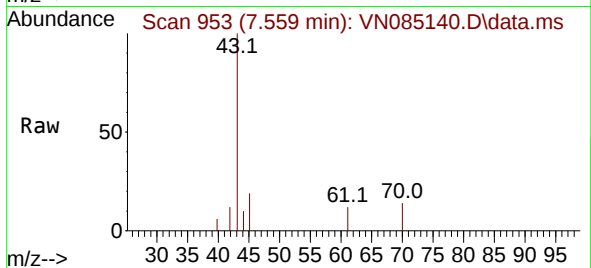
Tgt Ion: 43 Resp: 7635
Ion Ratio Lower Upper
43 100
57 0.0 6.9 10.3#
72 0.0 21.8 32.8#



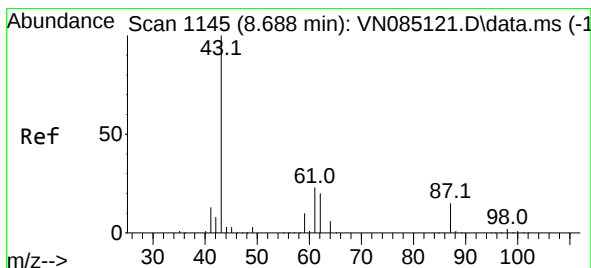
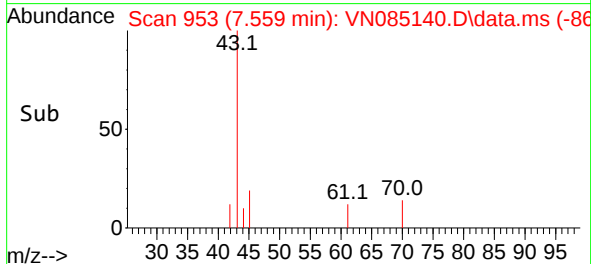
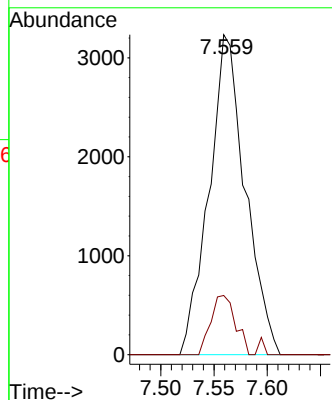


#43
Ethyl Acetate
Concen: 638.176 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN085140.D
Acq: 06 Dec 2024 20:27

Instrument :
MSVOA_N
ClientSampleId :

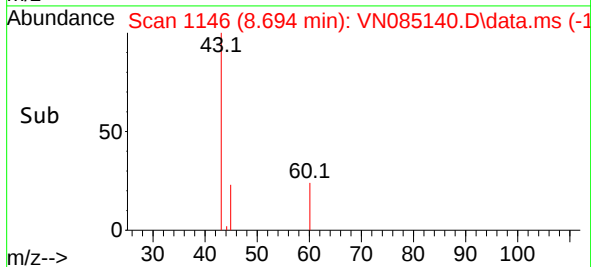
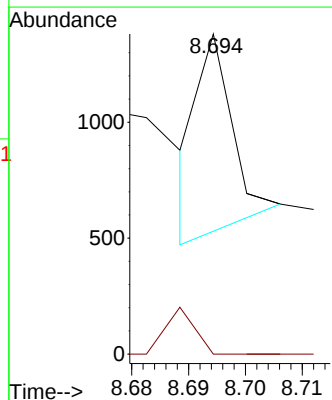
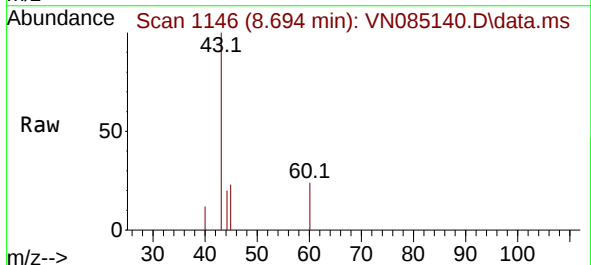


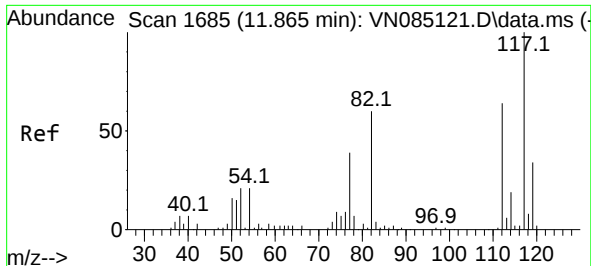
Tgt Ion: 43 Resp: 7635
Ion Ratio Lower Upper
43 100
45 12.6 13.3 19.9#



#44
Isopropyl Acetate
Concen: 17.748 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN085140.D
Acq: 06 Dec 2024 20:27

Tgt Ion: 43 Resp: 369
Ion Ratio Lower Upper
43 100
61 0.0 21.5 32.3#





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.859 min Scan# 117

Delta R.T. -0.006 min

Lab File: VN085140.D

Acq: 06 Dec 2024 20:27

Instrument :

MSVOA_N

ClientSampleId :

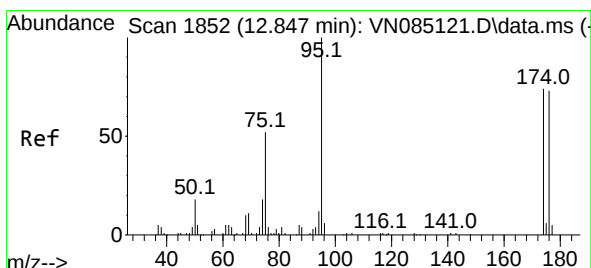
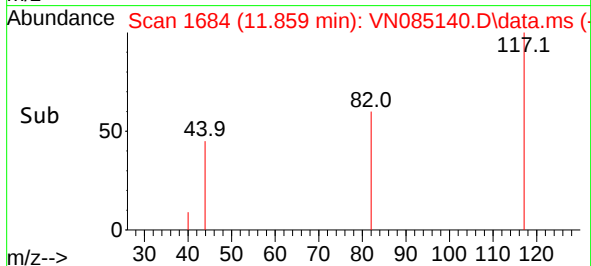
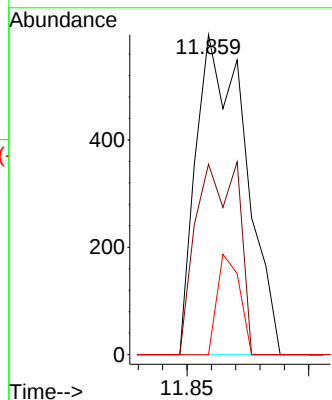
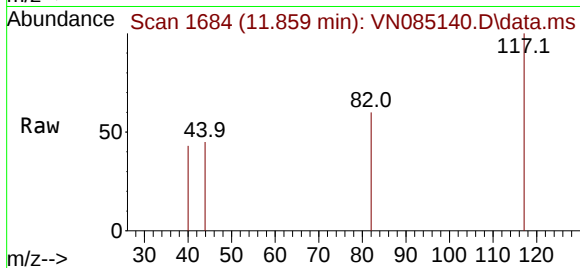
Tgt Ion:117 Resp: 839

Ion Ratio Lower Upper

117 100

82 36.6 44.2 66.4#

119 14.2 25.4 38.2#



#60

4-Bromofluorobenzene

Concen: 17.144 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN085140.D

Acq: 06 Dec 2024 20:27

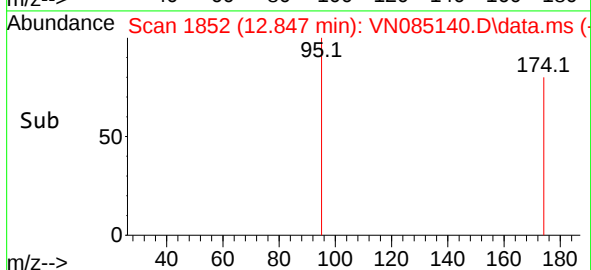
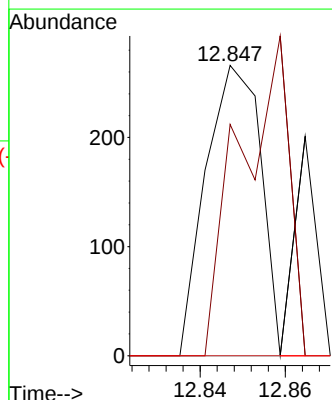
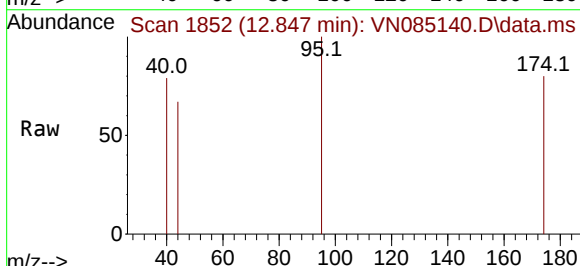
Tgt Ion: 95 Resp: 238

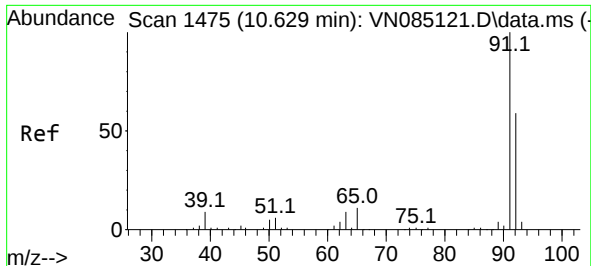
Ion Ratio Lower Upper

95 100

174 98.7 60.3 90.5#

176 0.0 57.4 86.0#

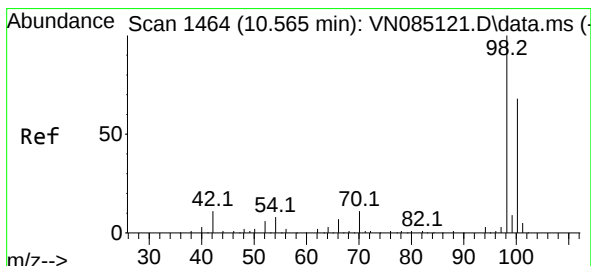
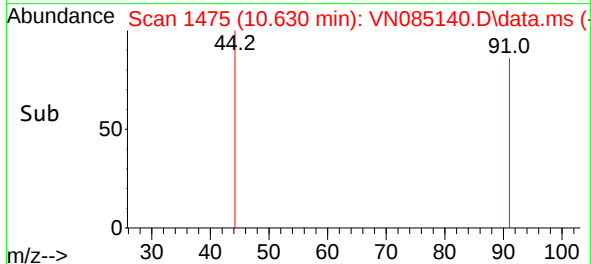
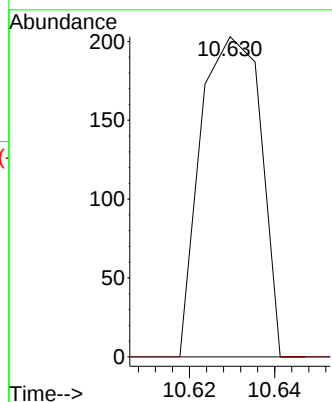
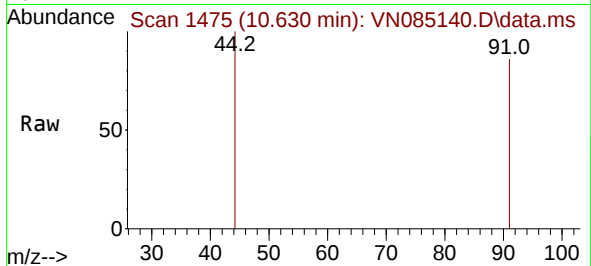




#62
Toluene
Concen: 4.067 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN085140.D
Acq: 06 Dec 2024 20:27

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 91 Resp: 199
Ion Ratio Lower Upper
91 100
92 0.0 46.5 69.7#



#63
Toluene-d8
Concen: 7.216 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN085140.D
Acq: 06 Dec 2024 20:27

Tgt Ion: 98 Resp: 284
Ion Ratio Lower Upper
98 100
100 197.5 52.0 78.0#

