

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121624\
 Data File : VN085212.D
 Acq On : 16 Dec 2024 12:21
 Operator : JC\MD
 Sample : P5276-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Dec 16 12:40:19 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)

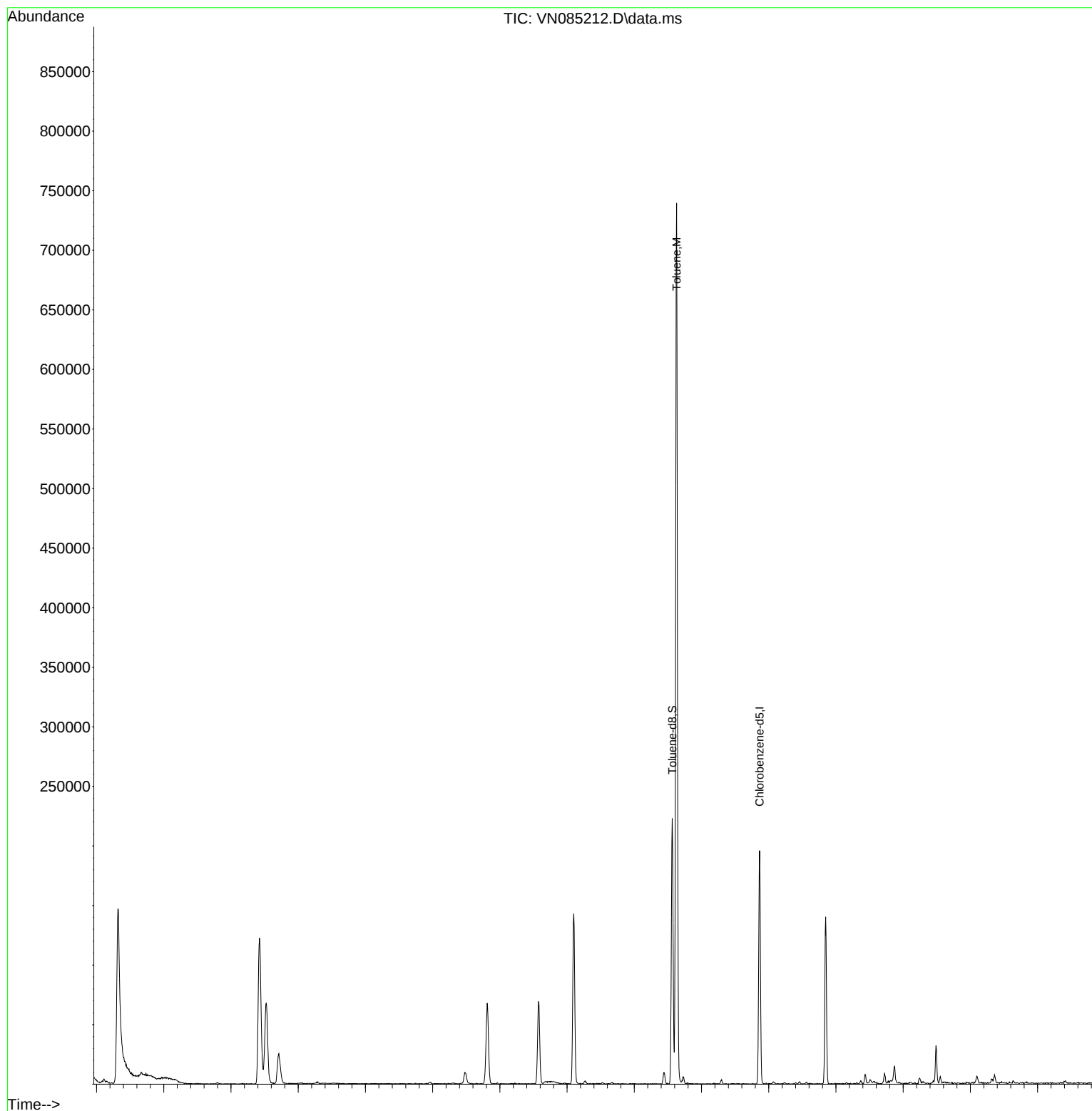
Internal Standards						
1) Bromochloromethane	7.812	128	23791	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	122910	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	115669	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	58262	30.863	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	102.867%
60) 4-Bromofluorobenzene	12.847	95	51520	26.919	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	89.733%
63) Toluene-d8	10.565	98	153509	28.292	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	94.300%
Target Compounds						
					Qvalue	
15) Acetone	4.424	58	74703	388.405	ug/l	95
30) 2-Butanone	7.488	43	17363	19.077	ug/l #	97
62) Toluene	10.629	91	565173	83.781	ug/l	99
82) p-Isopropyltoluene	13.723	119	5009	0.906	ug/l	91

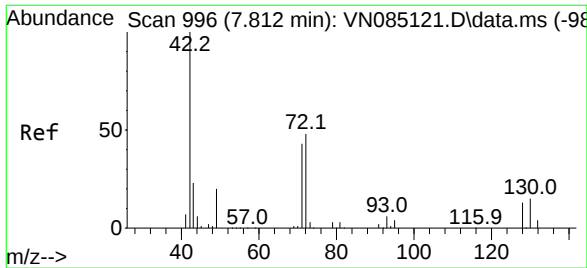
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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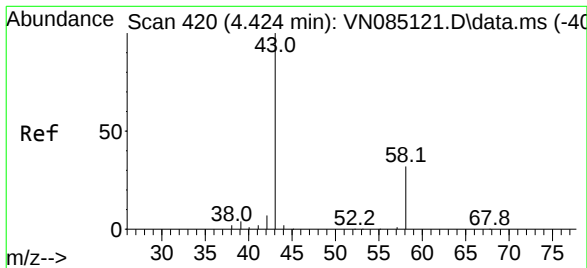
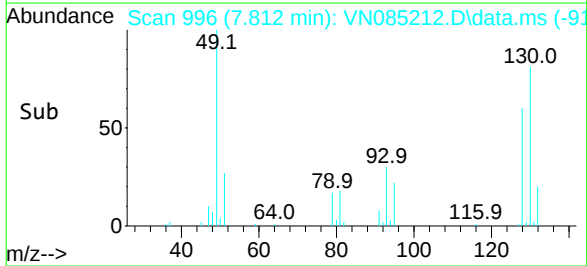
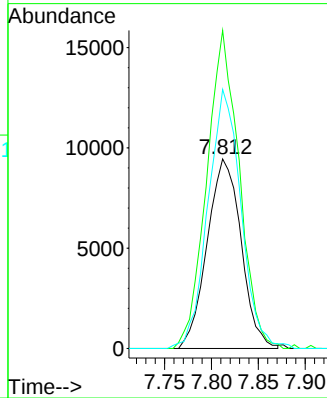
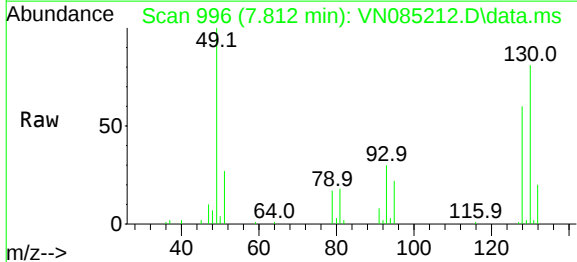




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN085212.D
Acq: 16 Dec 2024 12:21

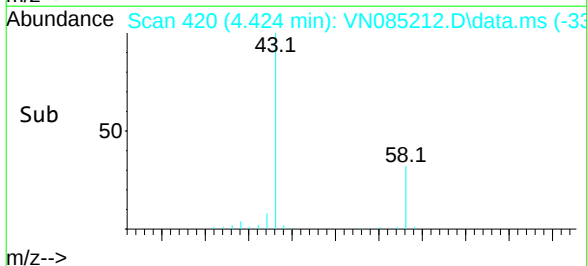
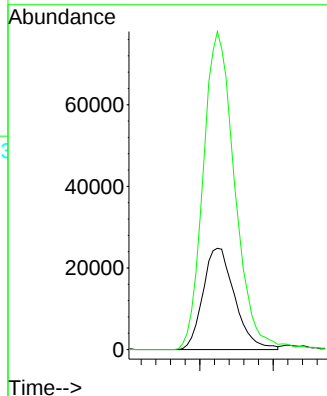
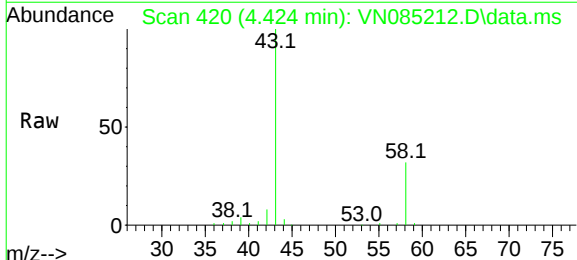
Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE(DEC)

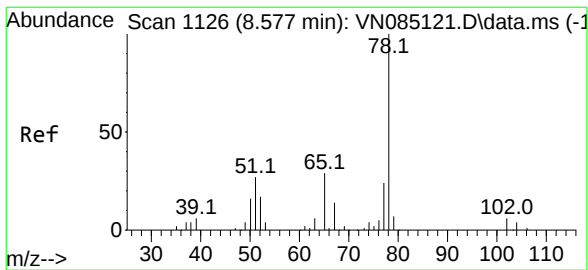
Tgt Ion	Ratio	Lower	Upper
128	100		
49	160.3	0.0	394.5
130	132.6	0.0	316.5



#15
Acetone
Concen: 388.405 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN085212.D
Acq: 16 Dec 2024 12:21

Tgt Ion	Ratio	Lower	Upper
58	100		
43	313.1	242.3	363.5

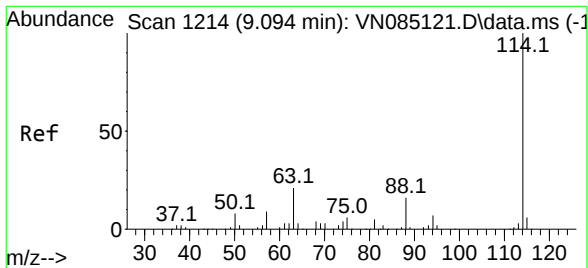
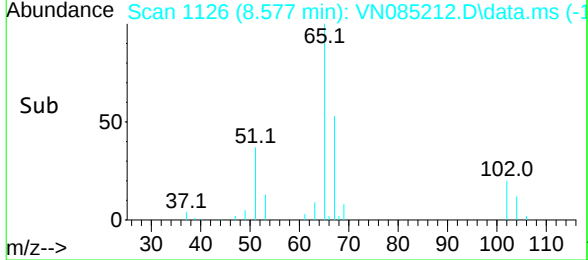
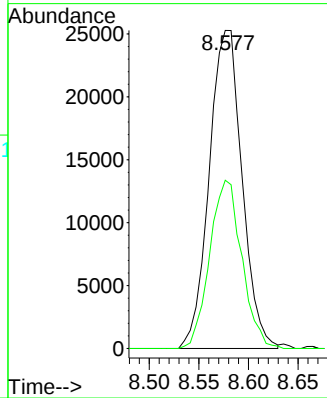
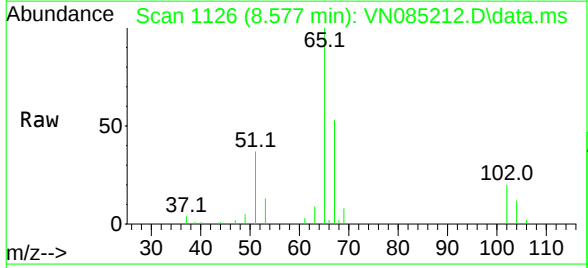




#27
1,2-Dichloroethane-d4
Concen: 30.863 ug/l
RT: 8.577 min Scan# 1115
Delta R.T. 0.000 min
Lab File: VN085212.D
Acq: 16 Dec 2024 12:21

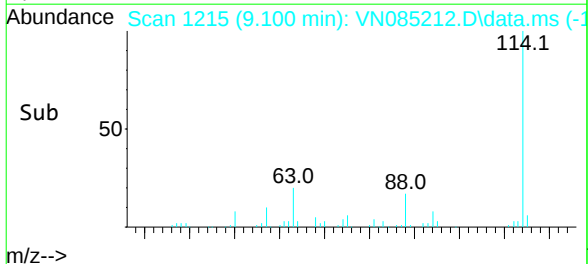
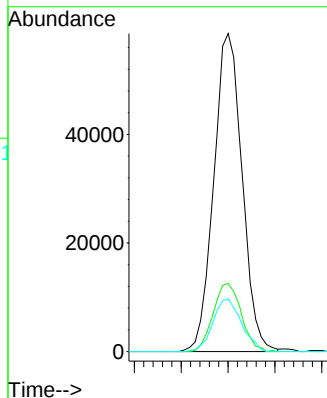
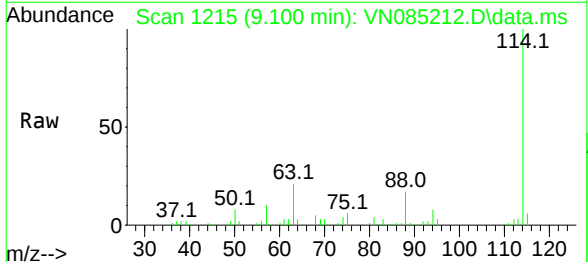
Instrument :
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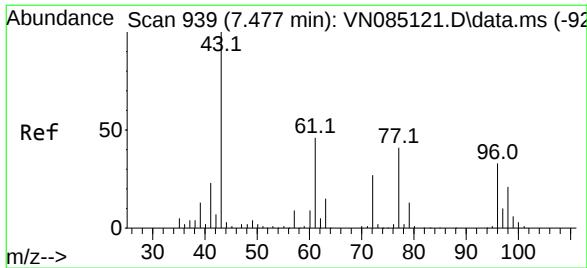
Tgt Ion: 65 Resp: 58262
Ion Ratio Lower Upper
65 100
67 51.6 39.9 59.9



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN085212.D
Acq: 16 Dec 2024 12:21

Tgt Ion: 114 Resp: 122910
Ion Ratio Lower Upper
114 100
63 21.1 16.2 24.2
88 16.7 12.5 18.7

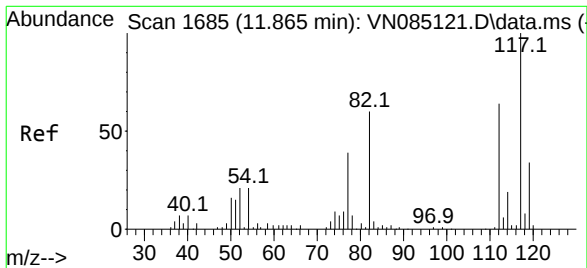
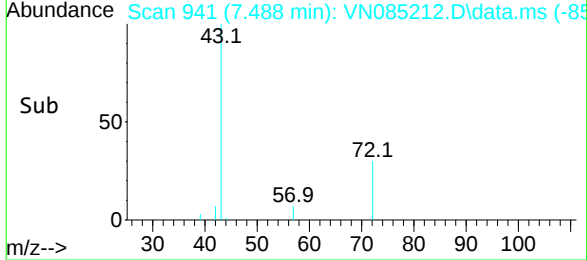
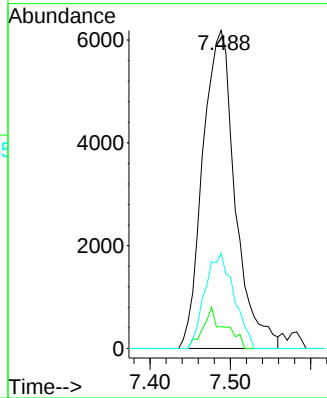
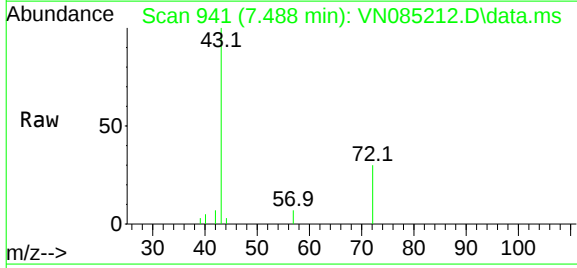




#30
2-Butanone
Concen: 19.077 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085212.D
Acq: 16 Dec 2024 12:21

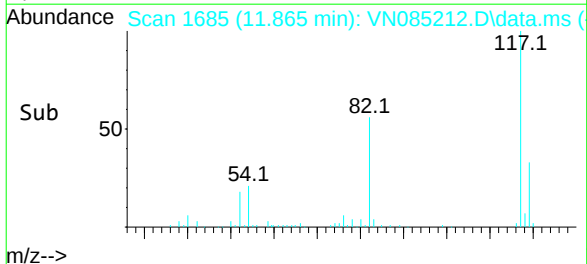
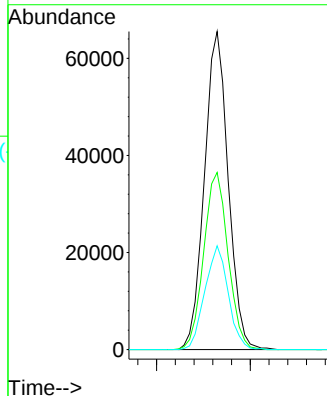
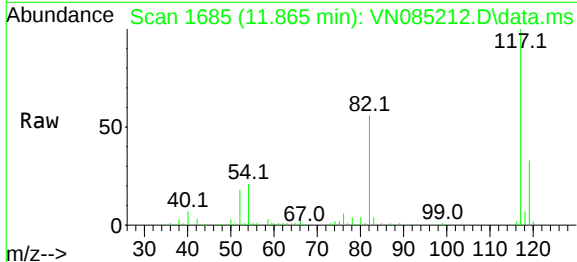
Instrument :
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002-35TH-AVE(DEC)

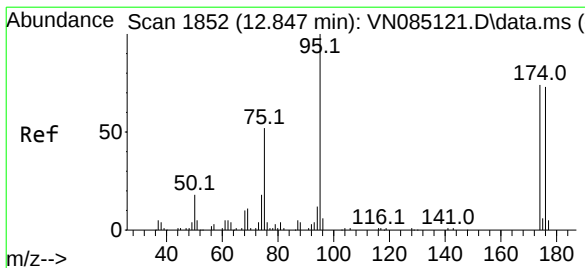
Tgt Ion: 43 Resp: 17363
Ion Ratio Lower Upper
43 100
57 6.0 6.9 10.3#
72 26.8 21.8 32.8



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN085212.D
Acq: 16 Dec 2024 12:21

Tgt Ion: 117 Resp: 115669
Ion Ratio Lower Upper
117 100
82 57.0 44.2 66.4
119 31.9 25.4 38.2





#60

4-Bromofluorobenzene

Concen: 26.919 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN085121.D

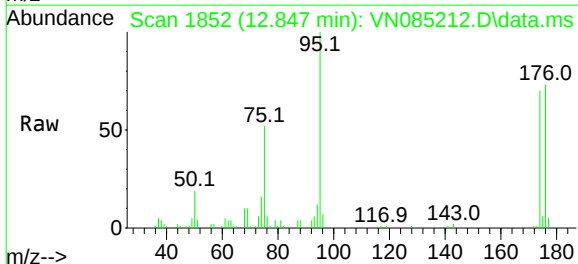
Acq: 16 Dec 2024 12:21

Instrument :

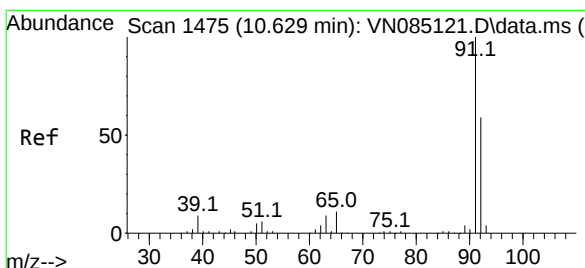
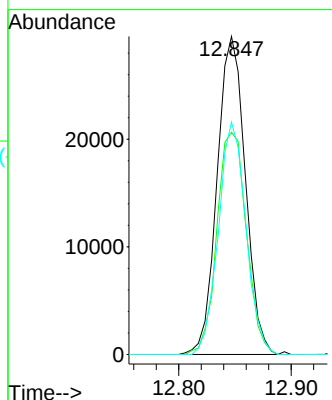
MSVOA_N

ClientSampleId :

002-35TH-AVE(DEC)



Tgt Ion:	95	Resp:	51520
Ion	Ratio	Lower	Upper
95	100		
174	73.1	60.3	90.5
176	71.3	57.4	86.0



#62

Toluene

Concen: 83.781 ug/l

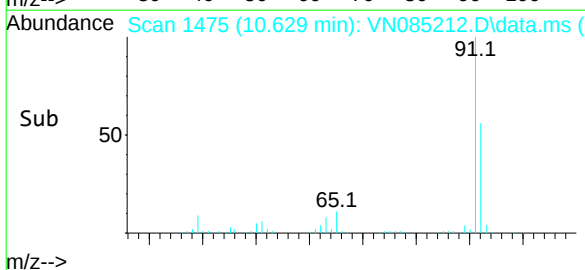
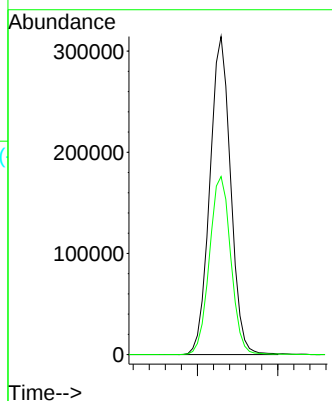
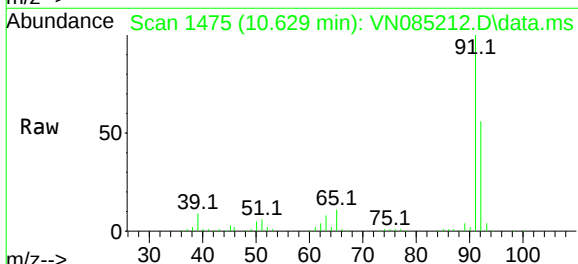
RT: 10.629 min Scan# 1475

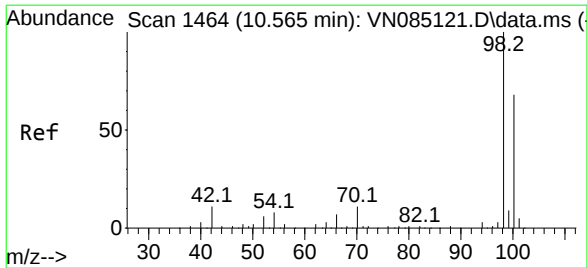
Delta R.T. 0.000 min

Lab File: VN085121.D

Acq: 16 Dec 2024 12:21

Tgt Ion:	91	Resp:	565173
Ion	Ratio	Lower	Upper
91	100		
92	57.5	46.5	69.7





#63

Toluene-d8

Concen: 28.292 ug/l

RT: 10.565 min Scan# 14

Delta R.T. 0.000 min

Lab File: VN085121.D

Acq: 16 Dec 2024 12:21

Instrument :

MSVOA_N

ClientSampleId :

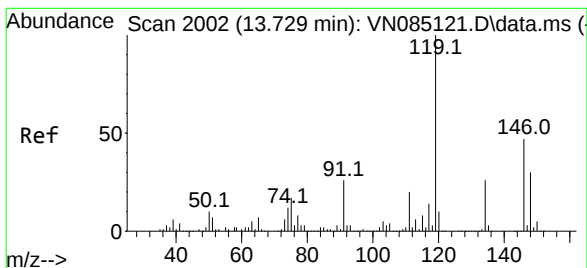
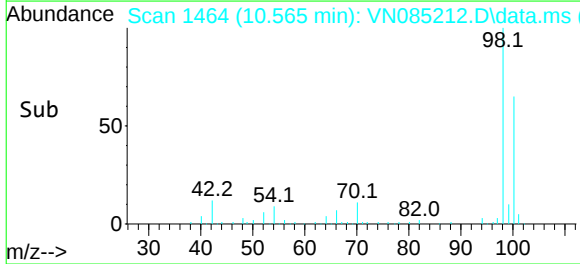
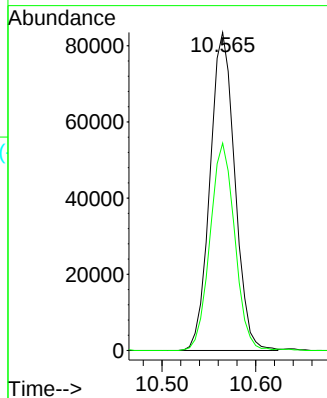
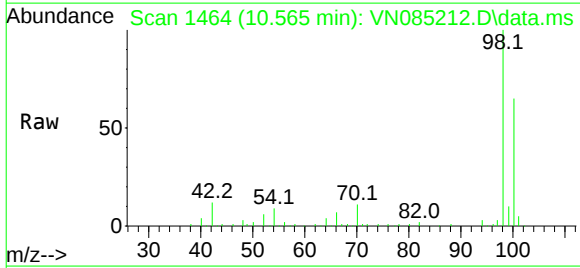
002-35TH-AVE(DEC)

Tgt Ion: 98 Resp: 153509

Ion Ratio Lower Upper

98 100

100 64.7 52.0 78.0



#82

p-Isopropyltoluene

Concen: 0.906 ug/l

RT: 13.723 min Scan# 2001

Delta R.T. -0.006 min

Lab File: VN085121.D

Acq: 16 Dec 2024 12:21

Tgt Ion: 119 Resp: 5009

Ion Ratio Lower Upper

119 100

134 24.8 0.0 51.6

91 16.8 0.0 50.4

