

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121924\
 Data File : VN085269.D
 Acq On : 19 Dec 2024 16:47
 Operator : JC\MD
 Sample : P5328-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Dec 19 17:13:28 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)

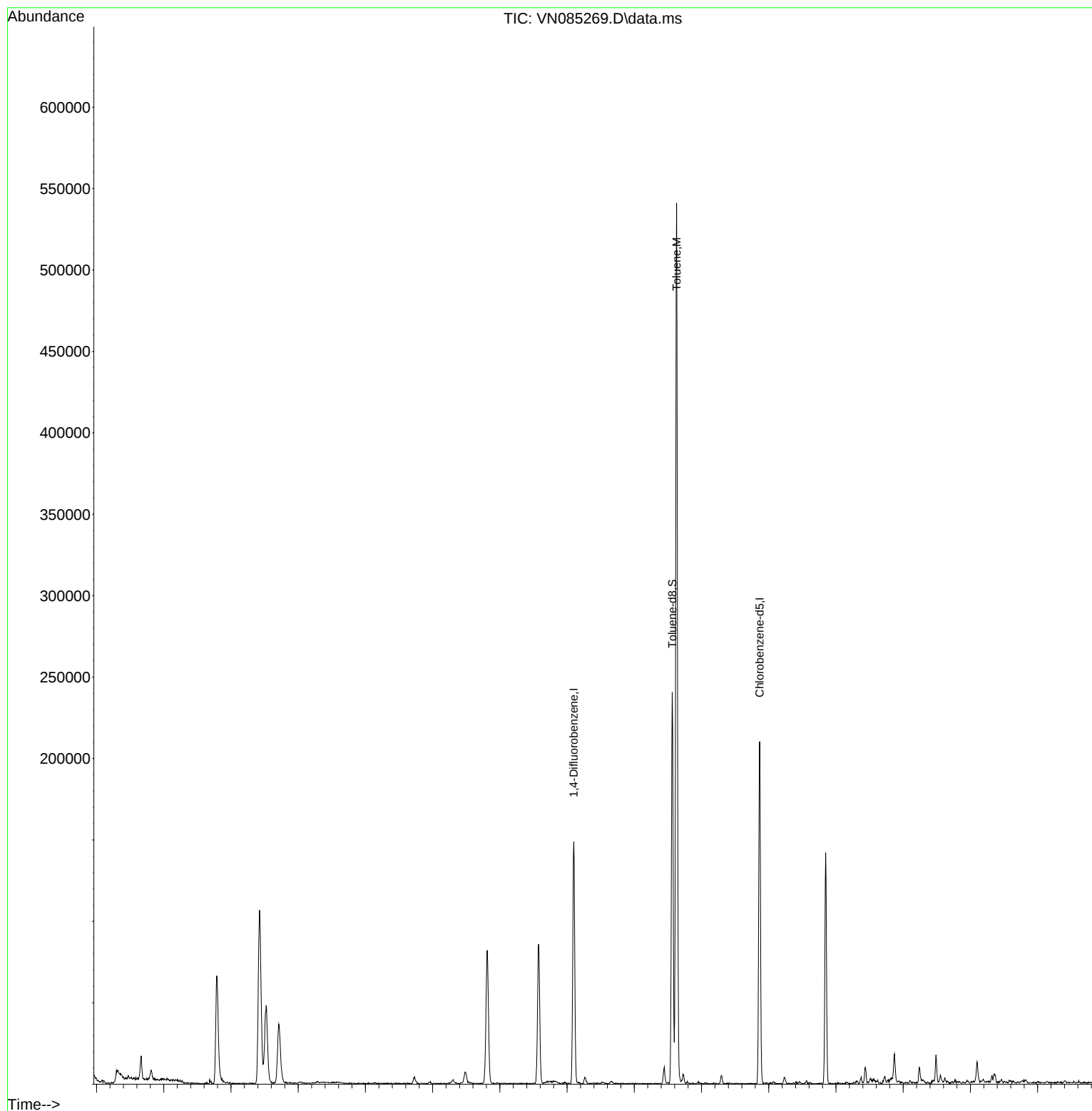
Internal Standards						
1) Bromochloromethane	7.812	128	26431	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	115562	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	111855	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	73245	34.925	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 116.400%#	
60) 4-Bromofluorobenzene	12.847	95	46576	25.166	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 83.900%	
63) Toluene-d8	10.565	98	157439	30.006	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 100.033%	
Target Compounds						
15) Acetone	4.430	58	57580	269.474	ug/l	81
30) 2-Butanone	7.483	43	11845	13.842	ug/l #	57
62) Toluene	10.629	91	394170	60.424	ug/l	99
82) p-Isopropyltoluene	13.729	119	2110	0.395	ug/l	85

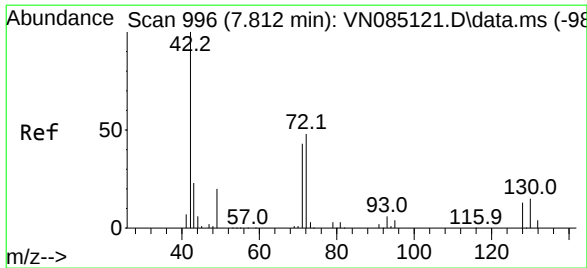
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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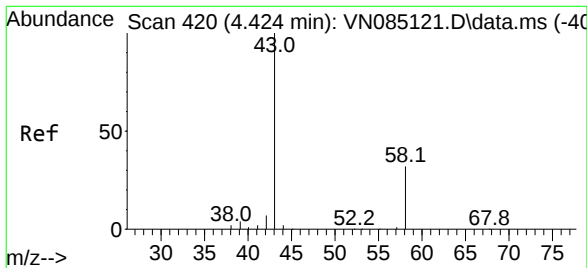
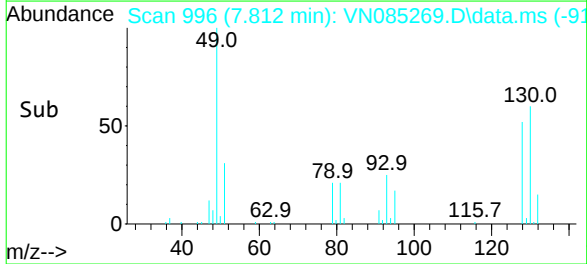
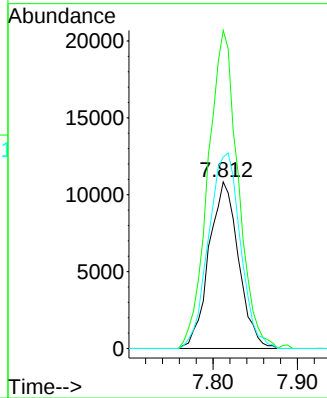
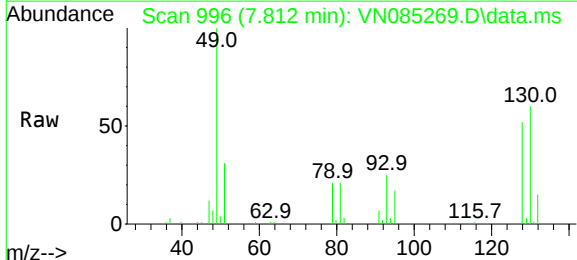




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN085269.D
Acq: 19 Dec 2024 16:47

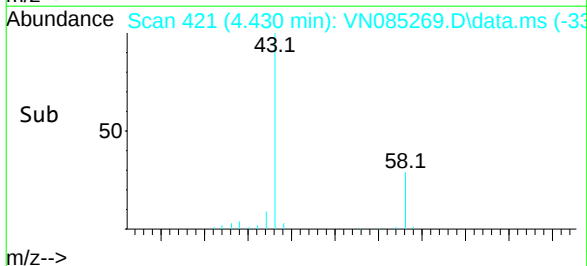
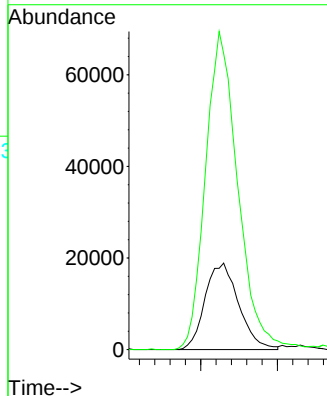
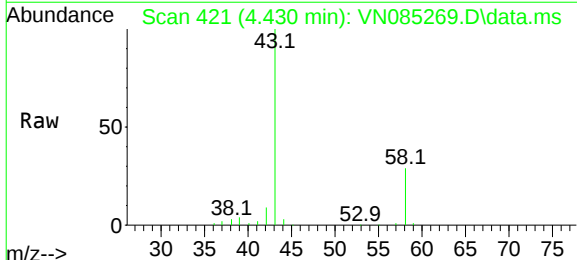
Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE(DEC)

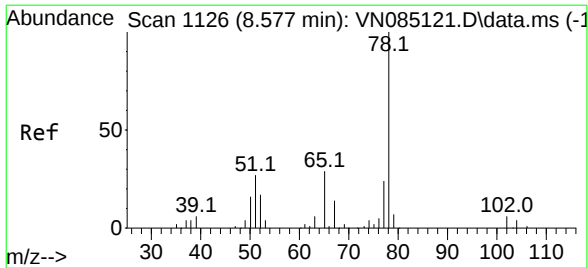
Tgt Ion	Ratio	Lower	Upper
128	100		
49	194.0	0.0	394.5
130	126.4	0.0	316.5



#15
Acetone
Concen: 269.474 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN085269.D
Acq: 19 Dec 2024 16:47

Tgt Ion	Ratio	Lower	Upper
58	100		
43	340.4	242.3	363.5

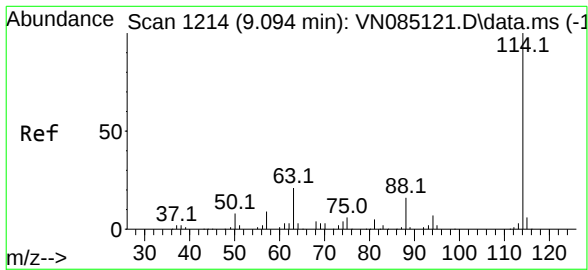
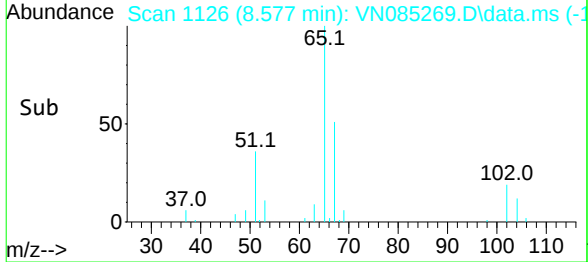
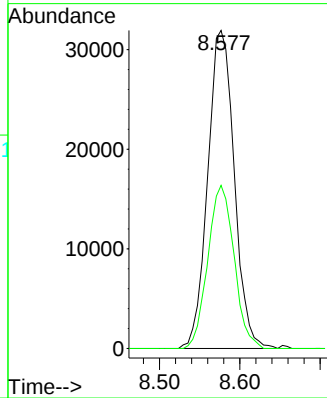
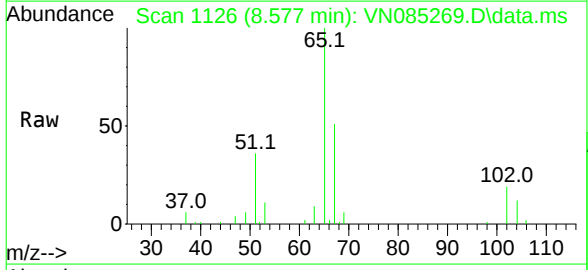




#27
1,2-Dichloroethane-d4
Concen: 34.925 ug/l
RT: 8.577 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN085269.D
Acq: 19 Dec 2024 16:47

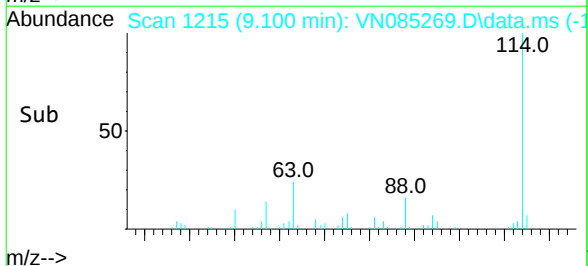
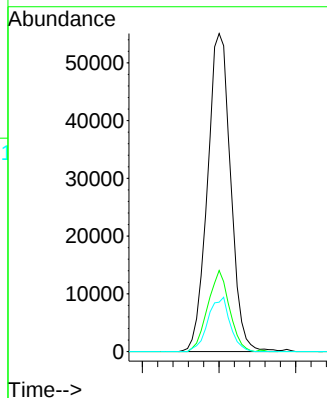
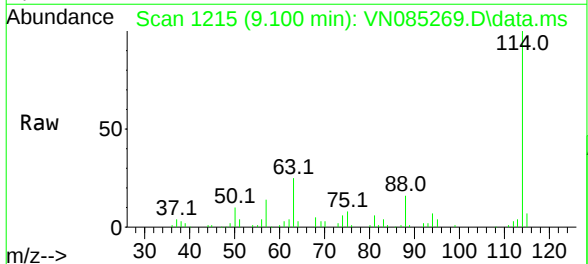
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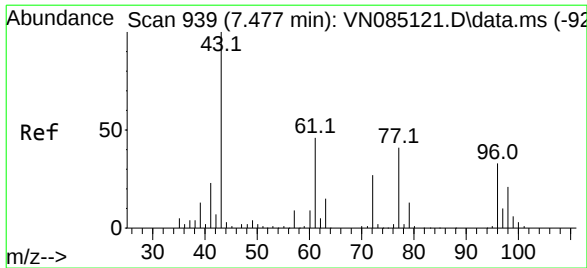
Tgt Ion	Ratio	Lower	Upper
65	100		
67	50.8	39.9	59.9



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN085269.D
Acq: 19 Dec 2024 16:47

Tgt Ion	Ratio	Lower	Upper
114	100		
63	23.9	16.2	24.2
88	16.3	12.5	18.7

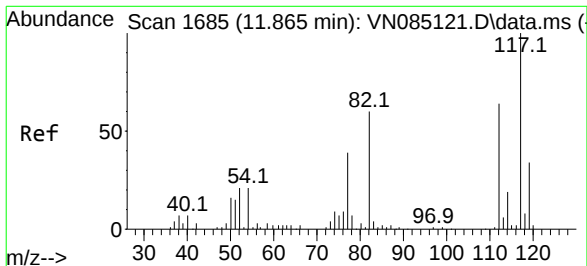
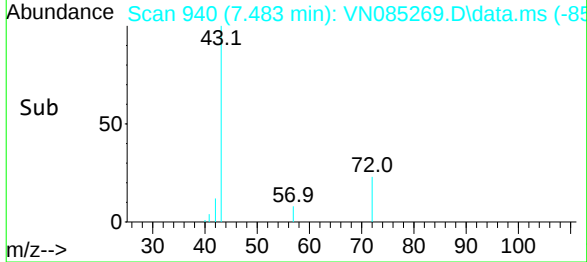
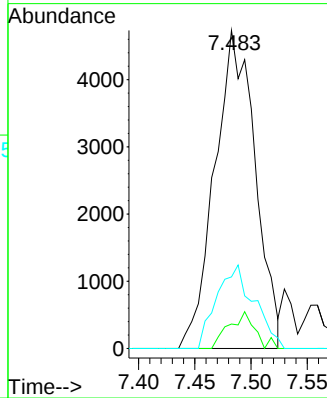
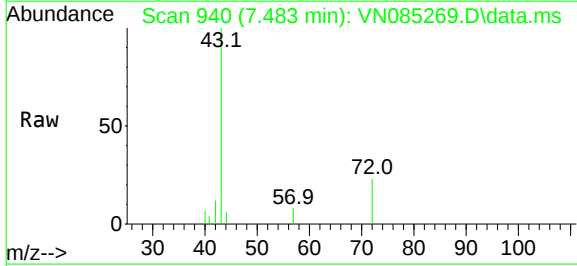




#30
2-Butanone
Concen: 13.842 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN085269.D
Acq: 19 Dec 2024 16:47

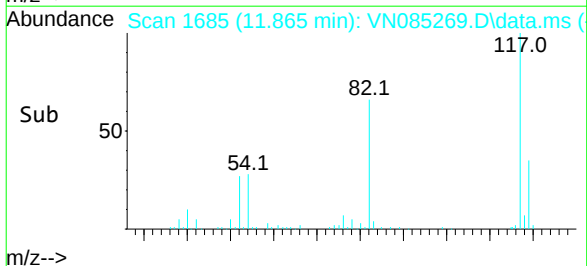
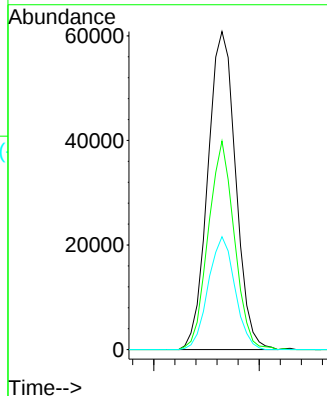
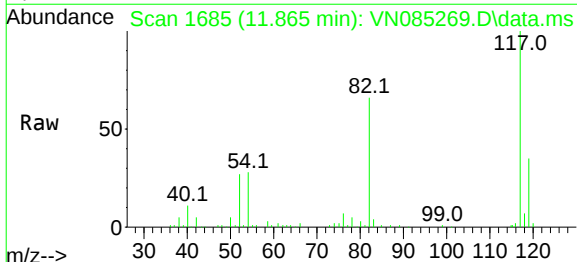
Instrument :
MSVOA_N
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002-35TH-AVE(DEC)

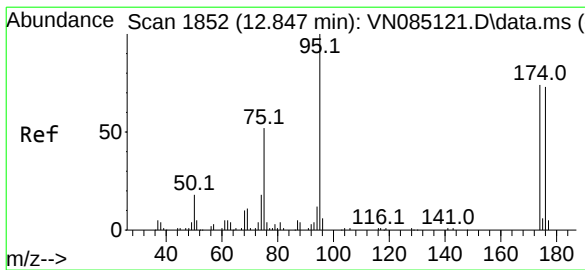
Tgt Ion: 43	Resp: 11845
Ion Ratio	Lower Upper
43 100	
57 3.6	6.9 10.3#
72 0.0	21.8 32.8#



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN085269.D
Acq: 19 Dec 2024 16:47

Tgt Ion: 117	Resp: 111855
Ion Ratio	Lower Upper
117 100	
82 61.3	44.2 66.4
119 34.0	25.4 38.2





#60

4-Bromofluorobenzene

Concen: 25.166 ug/l

RT: 12.847 min Scan# 18

Delta R.T. 0.000 min

Lab File: VN085269.D

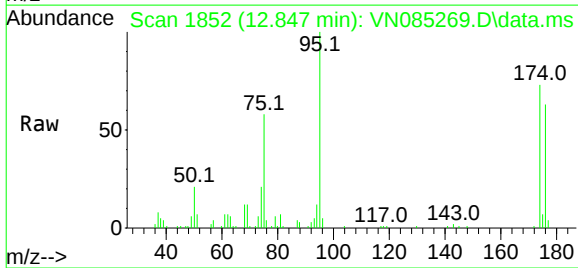
Acq: 19 Dec 2024 16:47

Instrument :

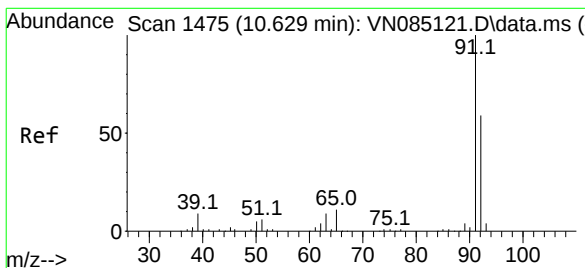
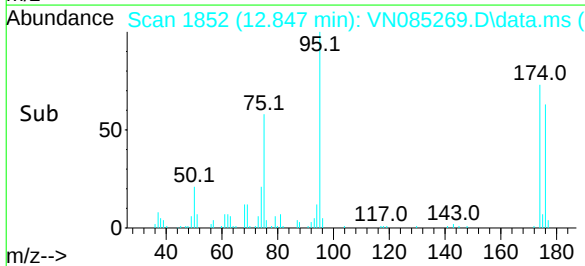
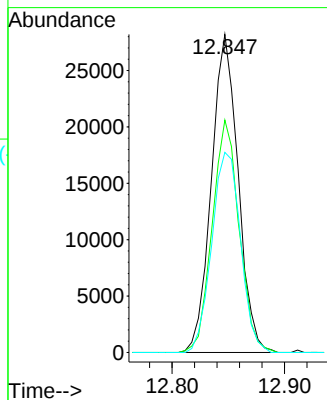
MSVOA_N

ClientSampleId :

002-35TH-AVE(DEC)



Tgt Ion:	95	Resp:	46576
Ion	Ratio	Lower	Upper
95	100		
174	73.5	60.3	90.5
176	67.7	57.4	86.0



#62

Toluene

Concen: 60.424 ug/l

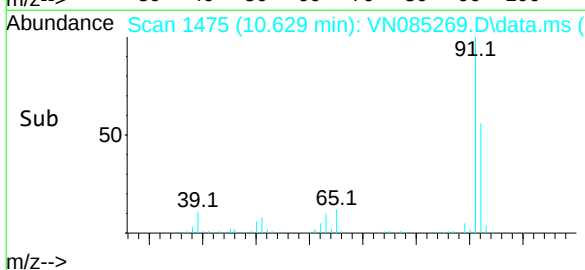
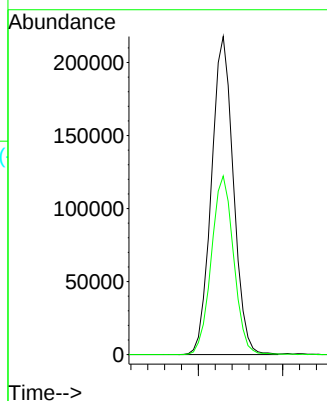
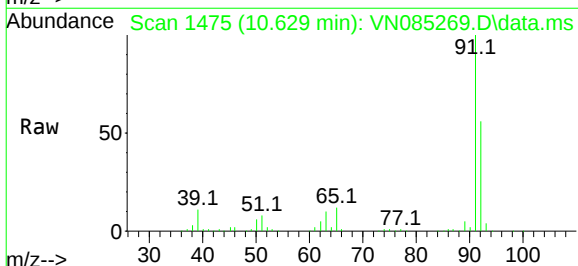
RT: 10.629 min Scan# 1475

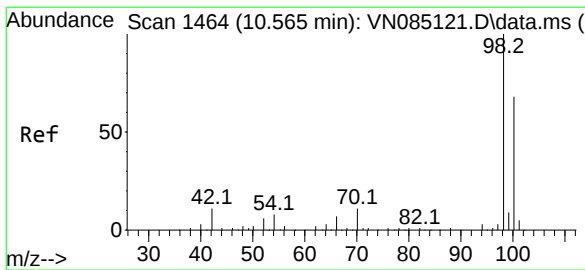
Delta R.T. 0.000 min

Lab File: VN085269.D

Acq: 19 Dec 2024 16:47

Tgt Ion:	91	Resp:	394170
Ion	Ratio	Lower	Upper
91	100		
92	57.0	46.5	69.7





#63

Toluene-d8

Concen: 30.006 ug/l

RT: 10.565 min Scan# 14

Delta R.T. 0.000 min

Lab File: VN085269.D

Acq: 19 Dec 2024 16:47

Instrument :

MSVOA_N

ClientSampleId :

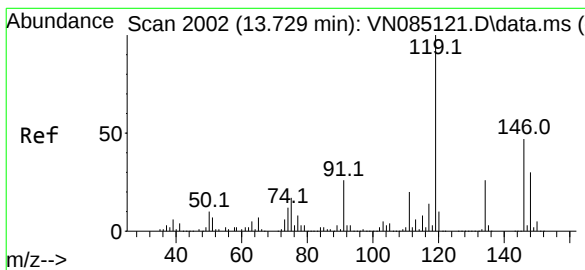
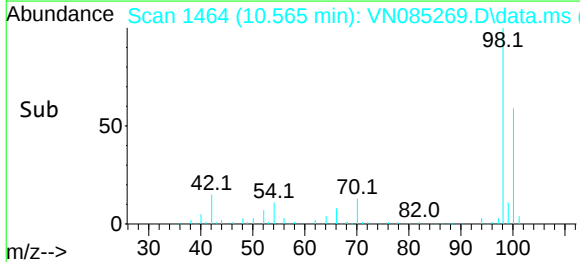
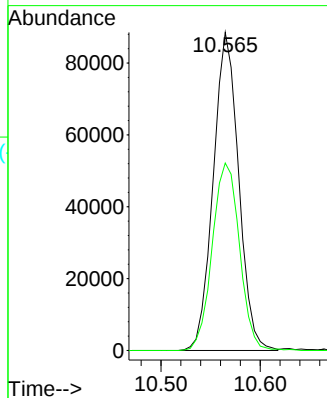
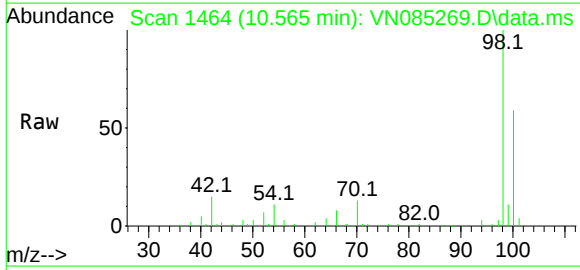
002-35TH-AVE(DEC)

Tgt Ion: 98 Resp: 157439

Ion Ratio Lower Upper

98 100

100 63.2 52.0 78.0



#82

p-Isopropyltoluene

Concen: 0.395 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN085269.D

Acq: 19 Dec 2024 16:47

Tgt Ion:119 Resp: 2110

Ion Ratio Lower Upper

119 100

134 21.6 0.0 51.6

91 14.6 0.0 50.4

