

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120624\
 Data File : VN085136.D
 Acq On : 06 Dec 2024 18:51
 Operator : JC\MD
 Sample : P5139-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: Dec 06 23:12:43 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)

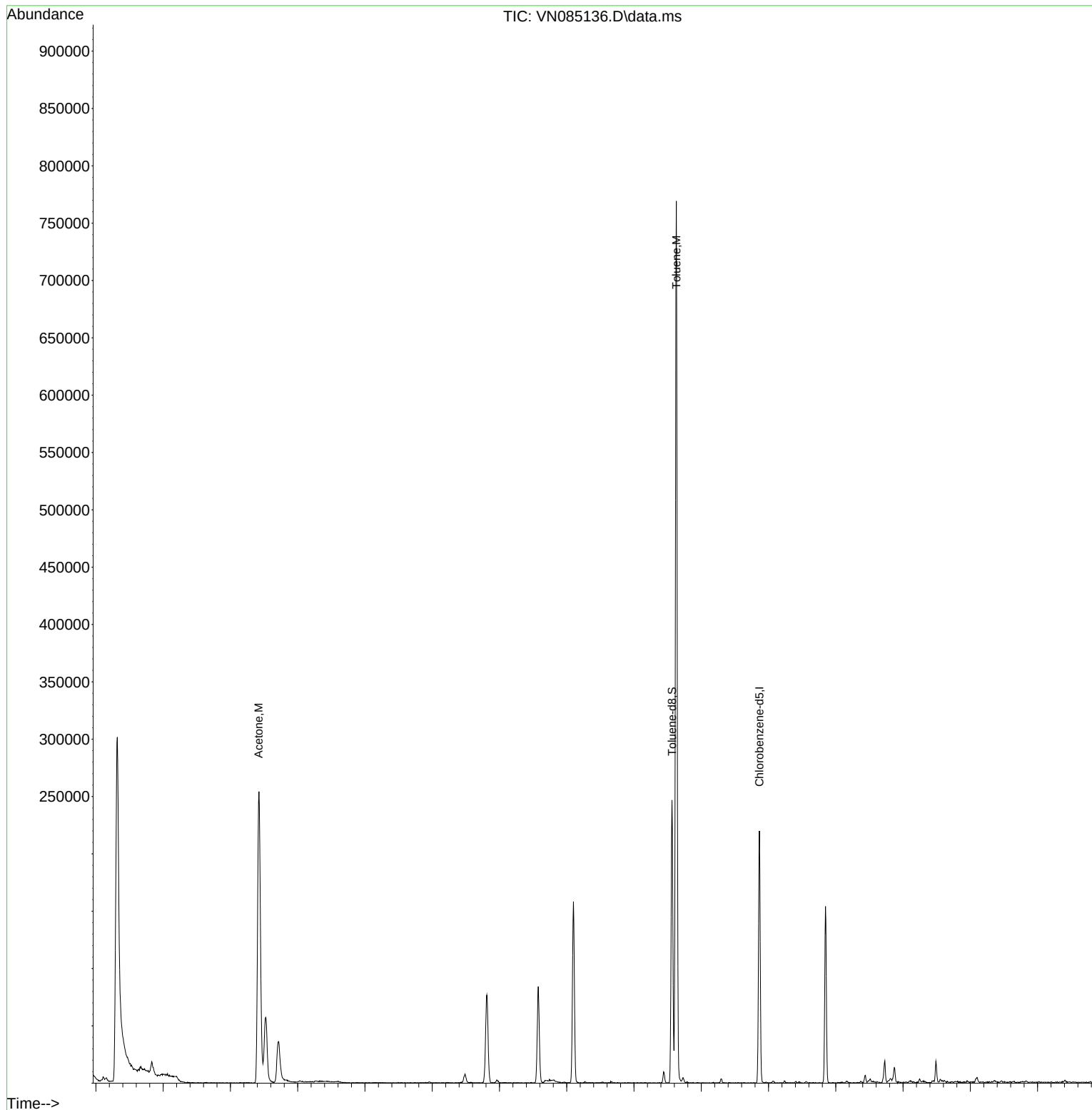
Internal Standards						
1) Bromochloromethane	7.812	128	27825	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	134160	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	130946	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	68066	30.830	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	102.767%
60) 4-Bromofluorobenzene	12.847	95	52545	24.252	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	80.833%
63) Toluene-d8	10.565	98	169452	27.587	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	91.967%
Target Compounds						
15) Acetone	4.418	58	152467	677.797	ug/l	97
30) 2-Butanone	7.488	43	12722	12.806	ug/l #	91
58) 4-Methyl-2-Pentanone	10.441	43	6266	2.932	ug/l #	81
62) Toluene	10.629	91	589161	77.148	ug/l	100
82) p-Isopropyltoluene	13.729	119	9787	1.564	ug/l	91

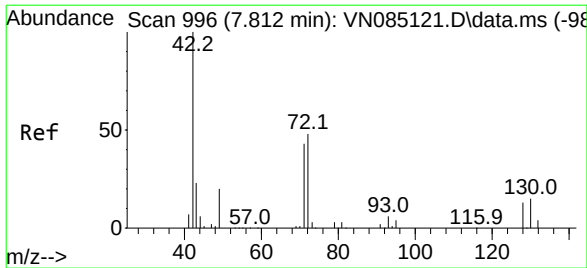
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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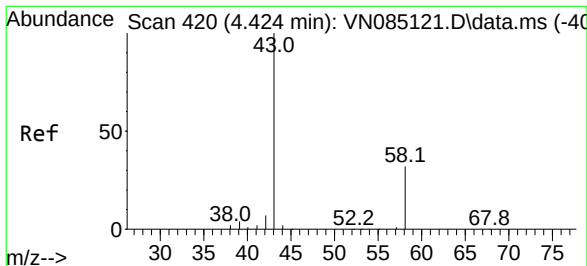
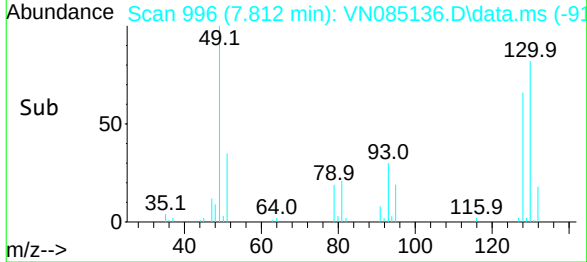
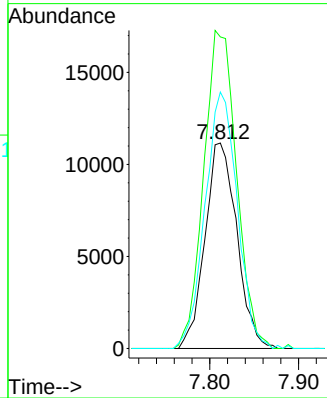
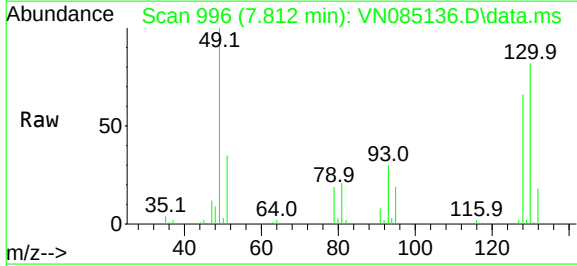




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN085136.D
Acq: 06 Dec 2024 18:51

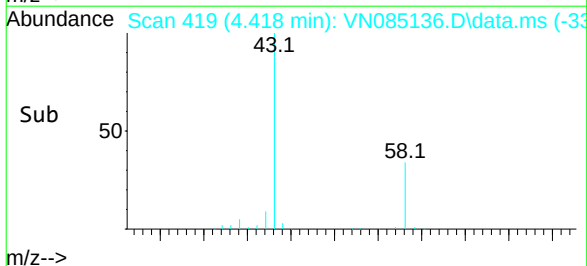
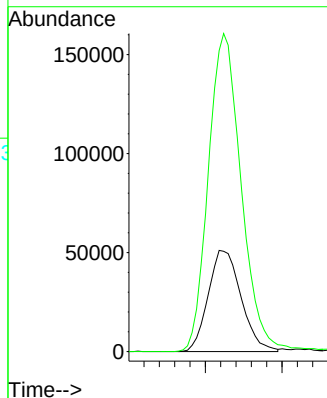
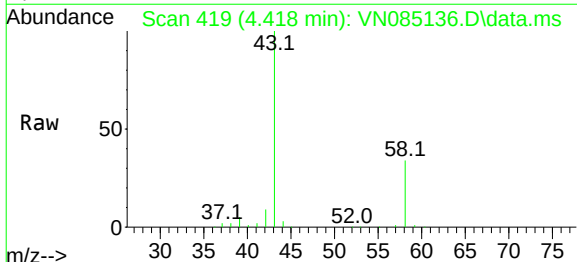
Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE(DEC)

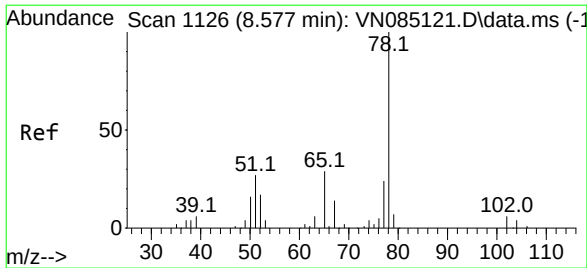
Tgt Ion	Ratio	Lower	Upper
128	100		
49	159.5	0.0	394.5
130	126.6	0.0	316.5



#15
Acetone
Concen: 677.797 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN085136.D
Acq: 06 Dec 2024 18:51

Tgt Ion	Ratio	Lower	Upper
58	100		
43	296.9	242.3	363.5

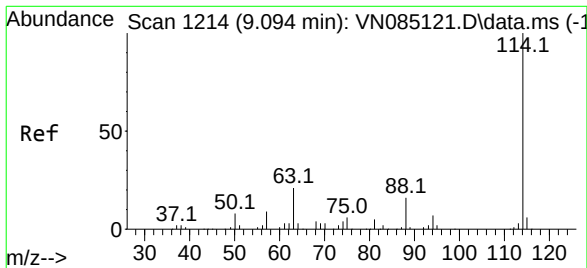
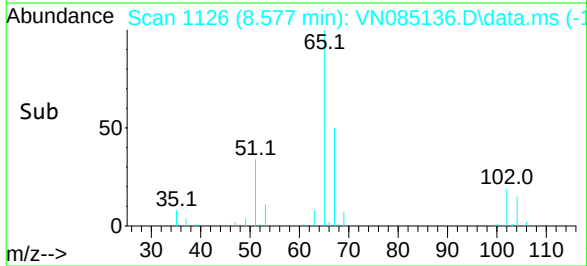
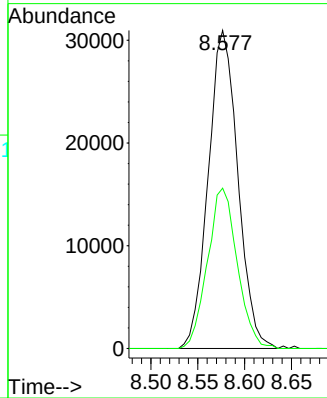
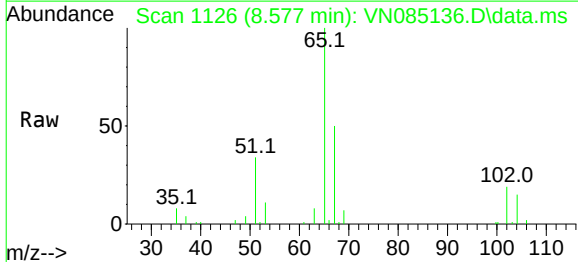




#27
1,2-Dichloroethane-d4
Concen: 30.830 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN085136.D
Acq: 06 Dec 2024 18:51

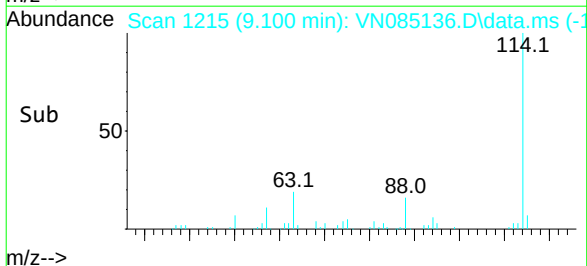
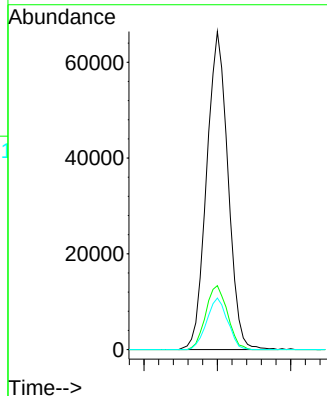
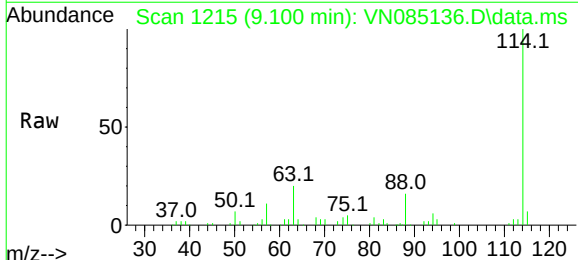
Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE(DEC)

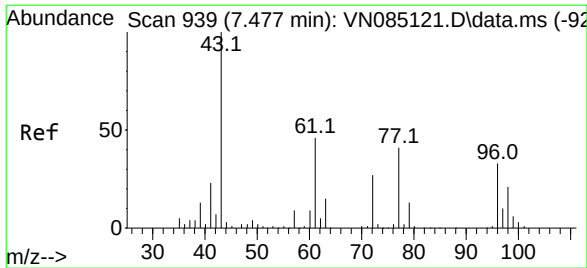
Tgt Ion: 65 Resp: 68066
Ion Ratio Lower Upper
65 100
67 50.5 39.9 59.9



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN085136.D
Acq: 06 Dec 2024 18:51

Tgt Ion: 114 Resp: 134160
Ion Ratio Lower Upper
114 100
63 20.5 16.2 24.2
88 15.8 12.5 18.7

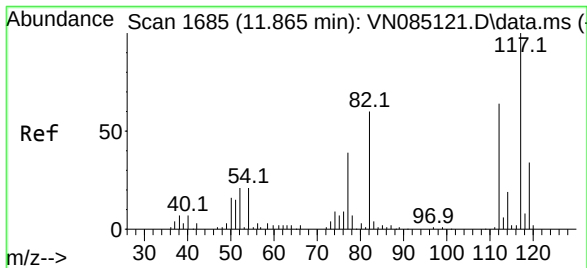
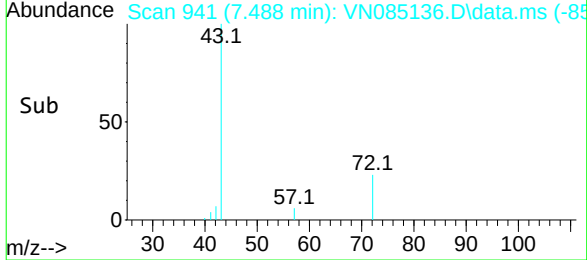
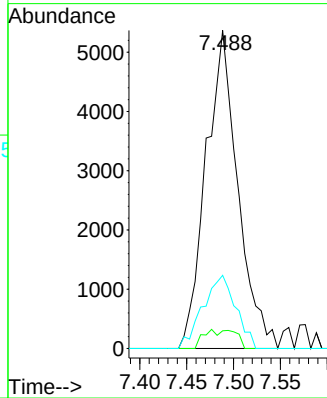
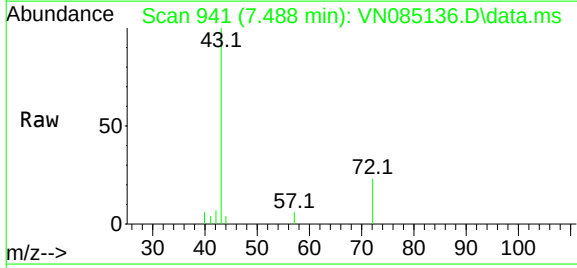




#30
2-Butanone
Concen: 12.806 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085136.D
Acq: 06 Dec 2024 18:51

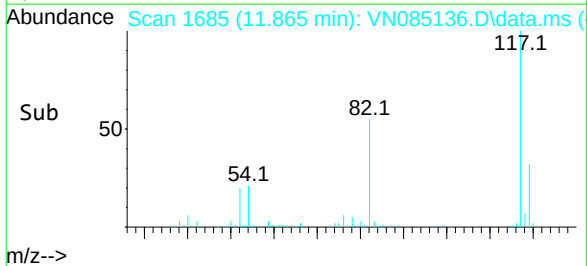
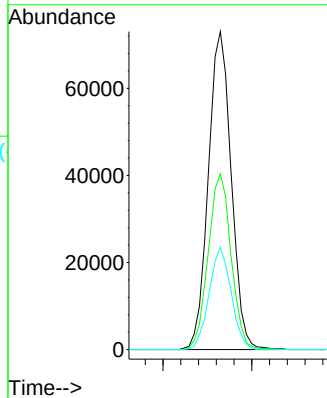
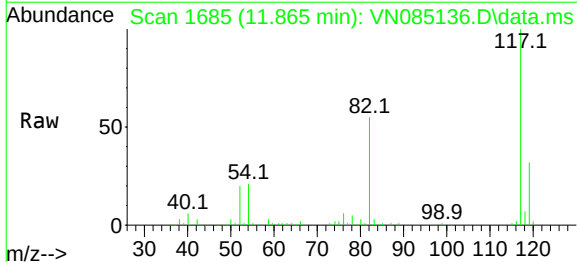
Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE(DEC)

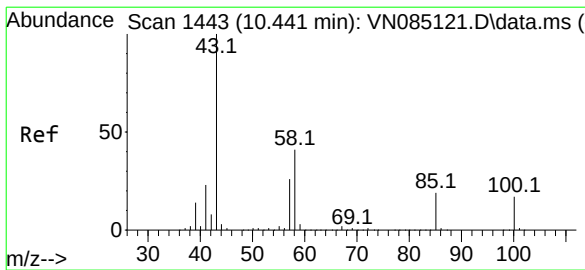
Tgt Ion: 43 Resp: 12722
Ion Ratio Lower Upper
43 100
57 3.1 6.9 10.3#
72 23.7 21.8 32.8



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN085136.D
Acq: 06 Dec 2024 18:51

Tgt Ion: 117 Resp: 130946
Ion Ratio Lower Upper
117 100
82 55.2 44.2 66.4
119 31.0 25.4 38.2





#58

4-Methyl-2-Pentanone

Concen: 2.932 ug/l

RT: 10.441 min Scan# 1443

Delta R.T. -0.000 min

Lab File: VN085136.D

Acq: 06 Dec 2024 18:51

Instrument :

MSVOA_N

ClientSampleId :

002-35TH-AVE(DEC)

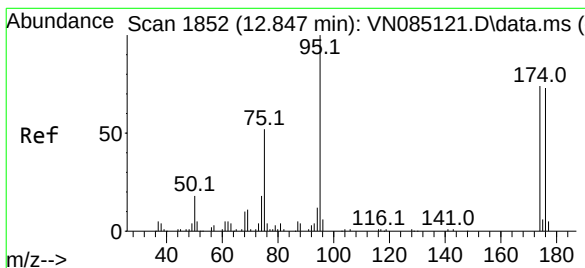
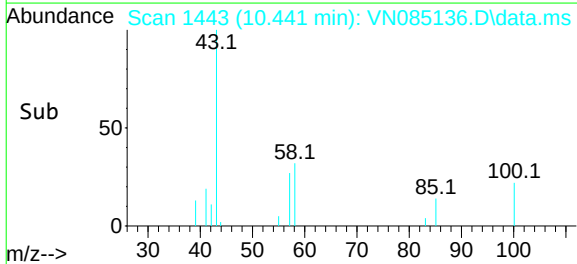
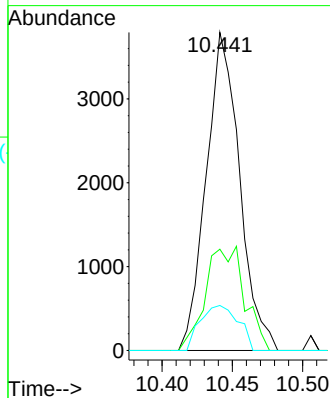
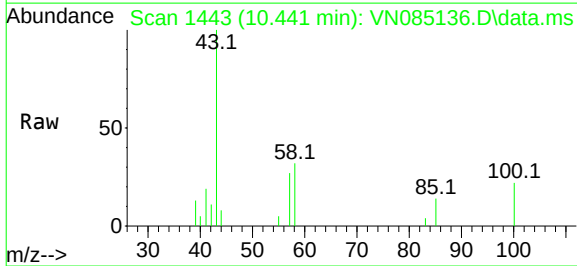
Tgt Ion: 43 Resp: 6266

Ion Ratio Lower Upper

43 100

58 24.4 31.6 47.4#

85 16.2 15.0 22.6



#60

4-Bromofluorobenzene

Concen: 24.252 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN085136.D

Acq: 06 Dec 2024 18:51

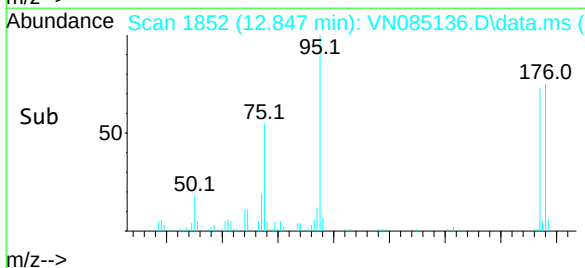
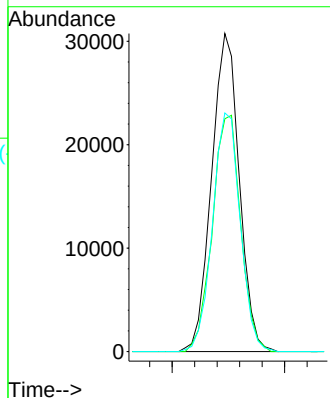
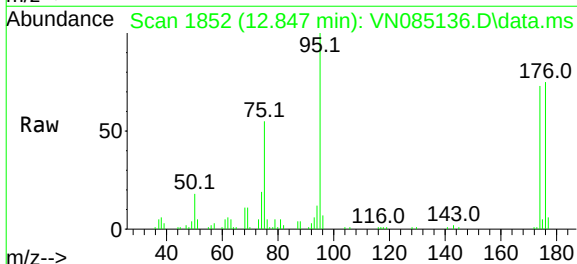
Tgt Ion: 95 Resp: 52545

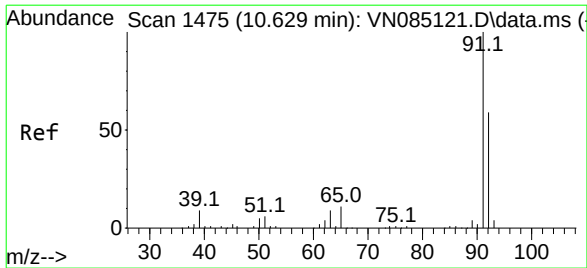
Ion Ratio Lower Upper

95 100

174 75.8 60.3 90.5

176 74.9 57.4 86.0





#62

Toluene

Concen: 77.148 ug/l

RT: 10.629 min Scan# 14

Delta R.T. -0.000 min

Lab File: VN085136.D

Acq: 06 Dec 2024 18:51

Instrument :

MSVOA_N

ClientSampleId :

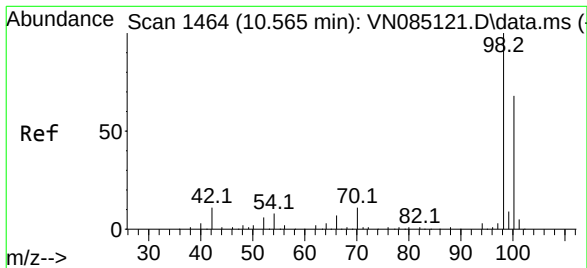
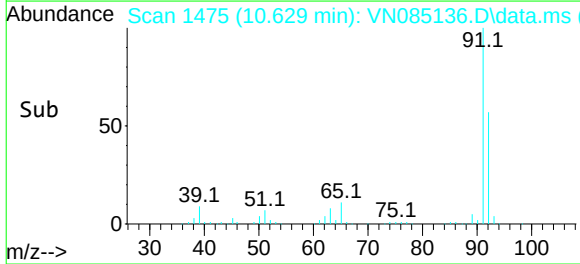
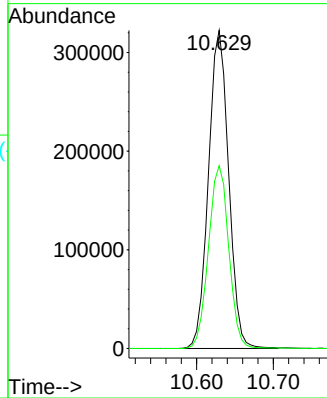
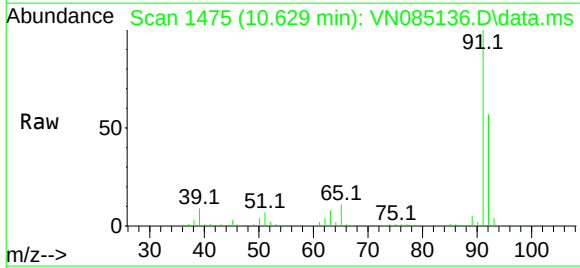
002-35TH-AVE(DEC)

Tgt Ion: 91 Resp: 589161

Ion Ratio Lower Upper

91 100

92 57.9 46.5 69.7



#63

Toluene-d8

Concen: 27.587 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN085136.D

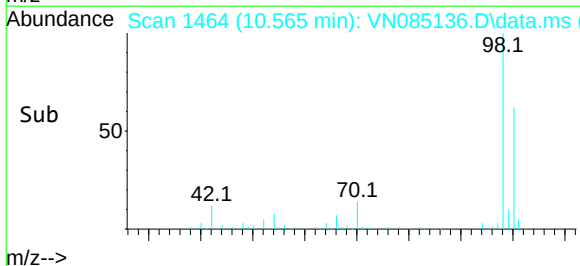
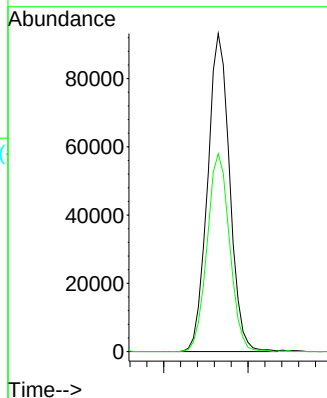
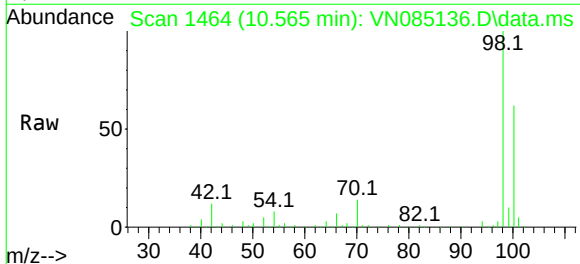
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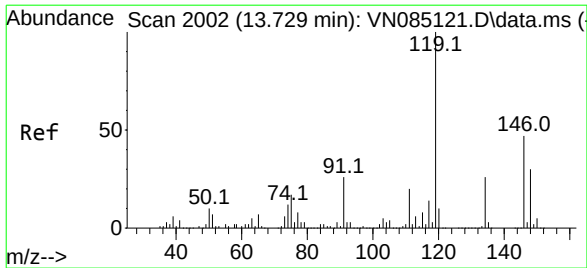
Tgt Ion: 98 Resp: 169452

Ion Ratio Lower Upper

98 100

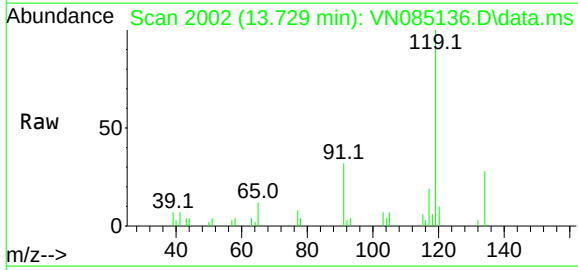
100 63.4 52.0 78.0





#82
 p-Isopropyltoluene
 Concen: 1.564 ug/l
 RT: 13.729 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN085136.D
 Acq: 06 Dec 2024 18:51

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



Tgt Ion:	119	Resp:	9787
Ion	Ratio	Lower	Upper
119	100		
134	28.9	0.0	51.6
91	31.6	0.0	50.4

