

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111524\
 Data File : VN084875.D
 Acq On : 15 Nov 2024 17:36
 Operator : JC\MD
 Sample : P4853-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Nov 15 22:27:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N103124W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 01 02:38:04 2024
 Response via : Initial Calibration

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

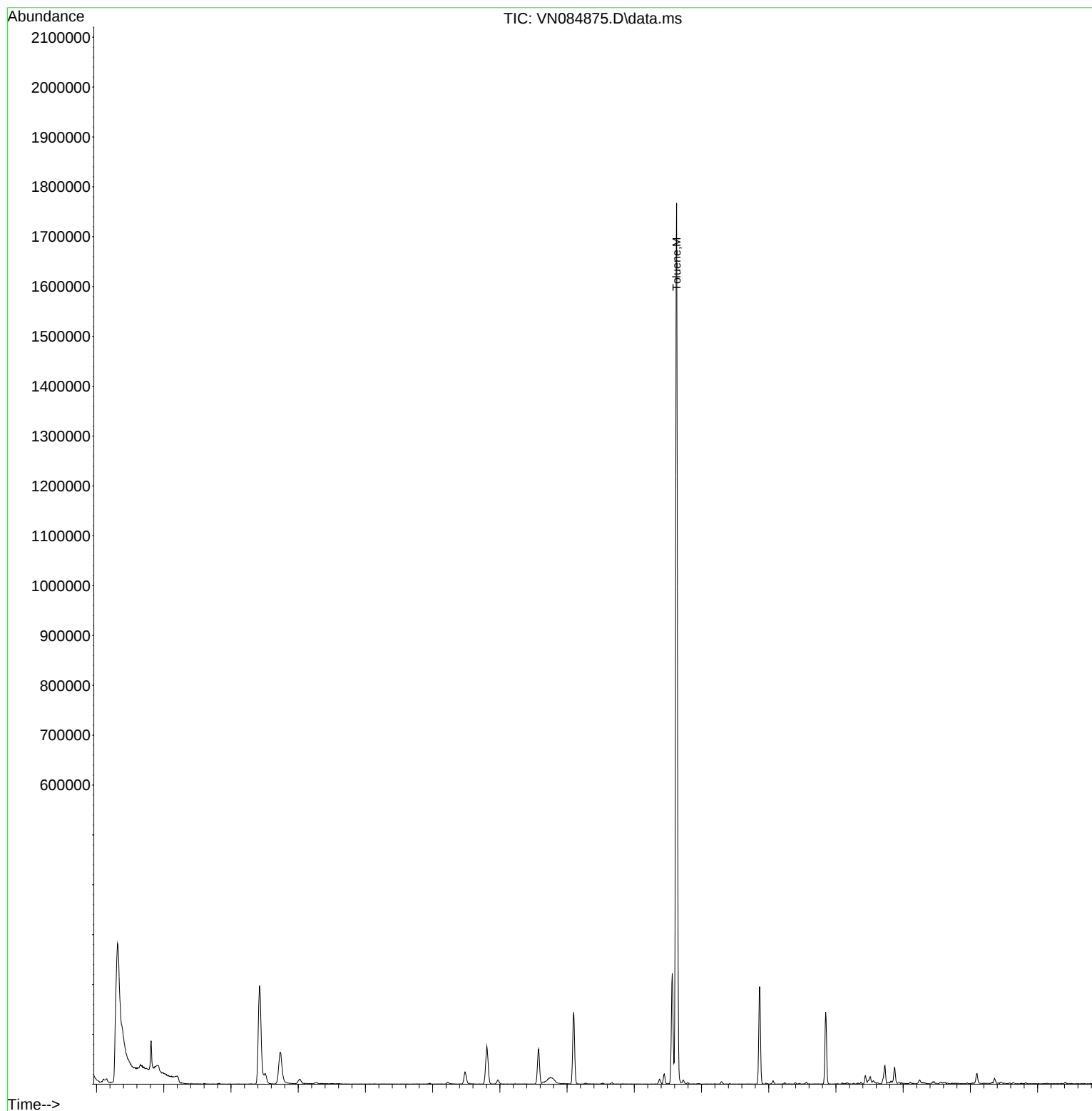
Internal Standards						
1) Bromochloromethane	7.806	128	23575	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	122982	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	114966	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	58387	30.806	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	102.700%
60) 4-Bromofluorobenzene	12.847	95	52268	26.404	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	88.000%
63) Toluene-d8	10.565	98	153284	28.164	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	93.867%
Target Compounds						
					Qvalue	
12) Methyl Acetate	5.030	43	18868	8.810	ug/l	96
15) Acetone	4.424	58	111564	619.747	ug/l	91
25) Chloroform	7.959	83	3990	1.382	ug/l	92
30) 2-Butanone	7.482	43	38351	44.883	ug/l	100
58) 4-Methyl-2-Pentanone	10.441	43	14219	7.840	ug/l	97
62) Toluene	10.629	91	1364653	208.406	ug/l	98
66) Ethyl Benzene	11.959	91	1924	0.280	ug/l	96
67) m/p-Xylenes	12.070	106	2075	0.788	ug/l	100
68) o-Xylene	12.400	106	759	0.299	ug/l	74
80) 1,2,4-Trimethylbenzene	13.482	105	4816	0.885	ug/l	79
82) p-Isopropyltoluene	13.729	119	19225	3.722	ug/l	93
91) Naphthalene	15.635	128	3007	0.652	ug/l #	89

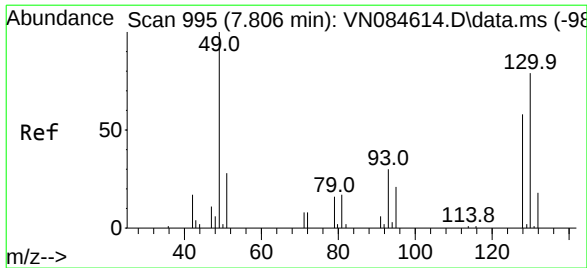
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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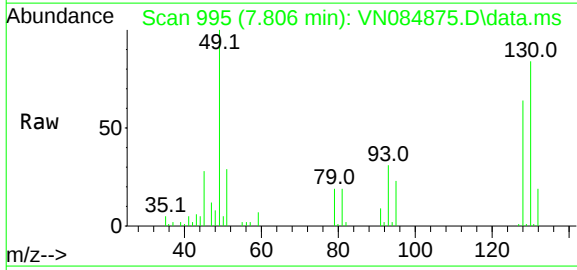
Quant Time: Nov 15 22:27:44 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N103124W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Nov 01 02:38:04 2024
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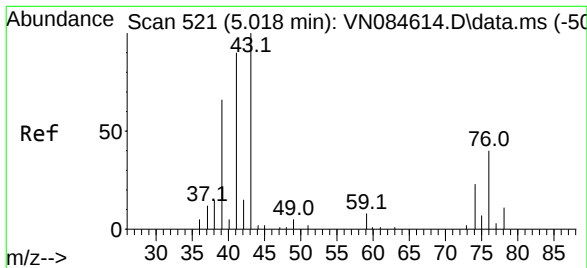
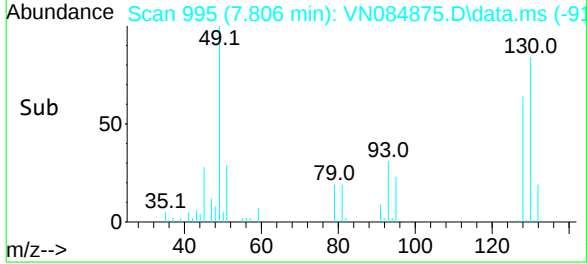
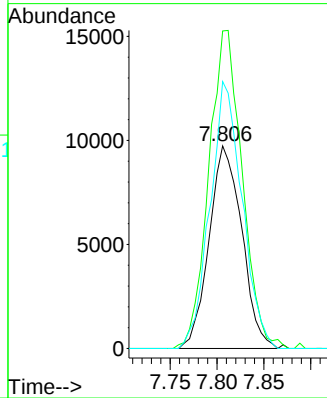


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.806 min Scan# 995
Delta R.T. 0.000 min
Lab File: VN084875.D
Acq: 15 Nov 2024 17:36

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

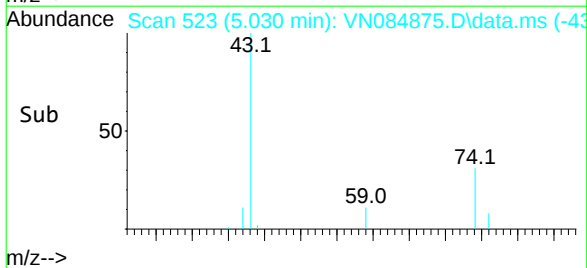
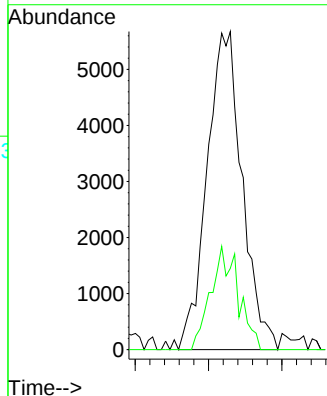
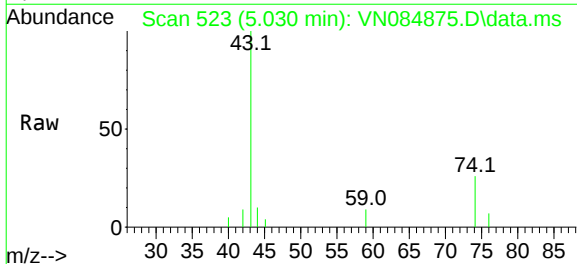


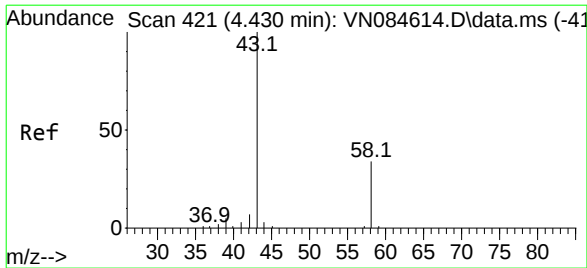
Tgt Ion:	128	Resp:	23575
Ion	Ratio	Lower	Upper
128	100		
49	159.4	0.0	427.0
130	129.7	0.0	322.2



#12
Methyl Acetate
Concen: 8.810 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN084875.D
Acq: 15 Nov 2024 17:36

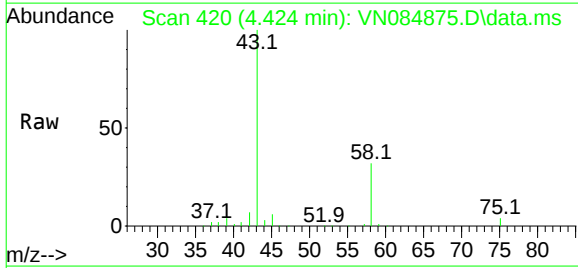
Tgt Ion:	43	Resp:	18868
Ion	Ratio	Lower	Upper
43	100		
74	25.6	19.0	28.4



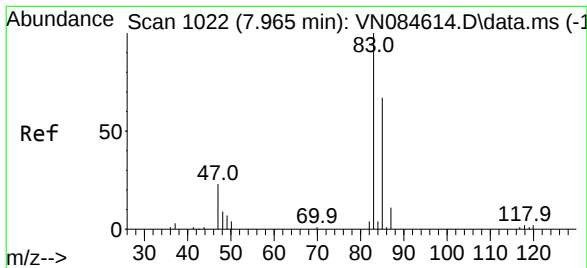
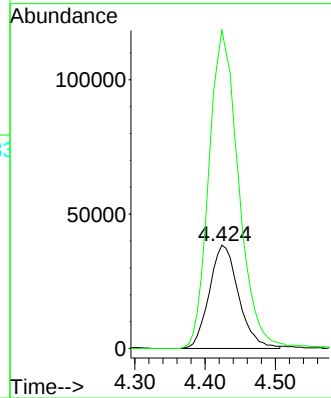
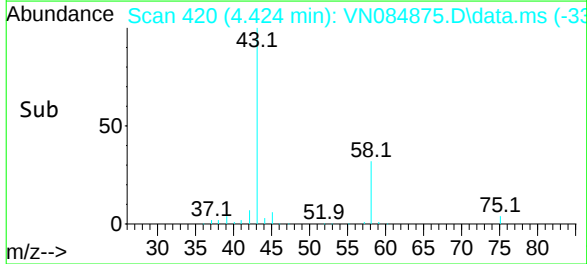


#15
Acetone
Concen: 619.747 ug/l
RT: 4.424 min Scan# 421
Delta R.T. -0.006 min
Lab File: VN084875.D
Acq: 15 Nov 2024 17:36

Instrument :
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002-35TH-AVE(NOV)

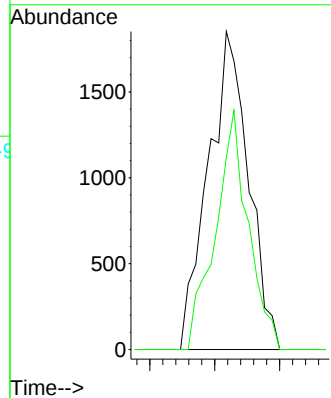
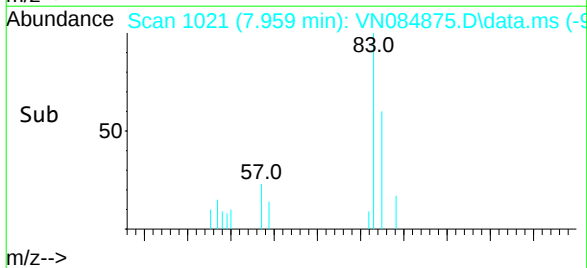
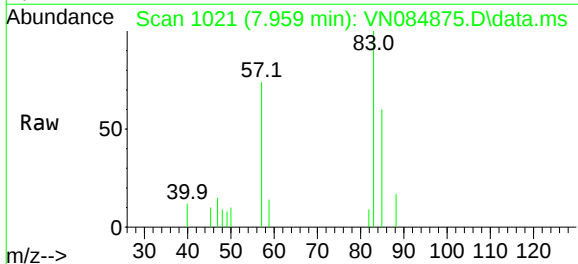


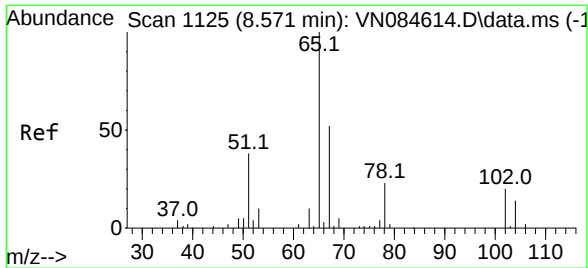
Tgt Ion: 58 Resp: 111564
Ion Ratio Lower Upper
58 100
43 307.7 233.0 349.6



#25
Chloroform
Concen: 1.382 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VN084875.D
Acq: 15 Nov 2024 17:36

Tgt Ion: 83 Resp: 3990
Ion Ratio Lower Upper
83 100
85 60.4 53.4 80.2

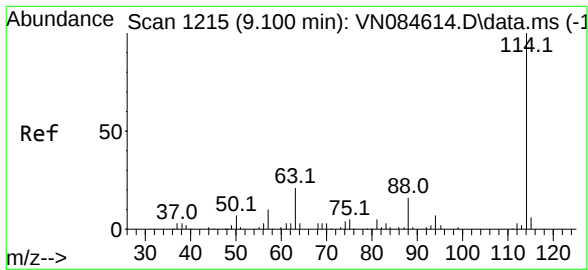
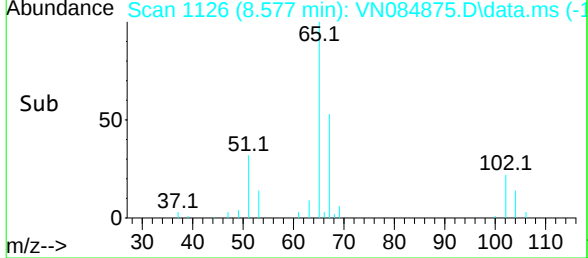
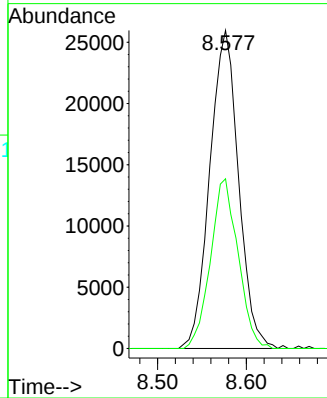
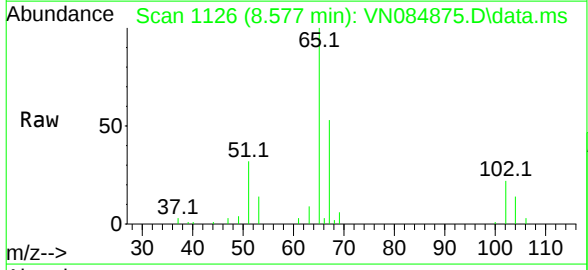




#27
1,2-Dichloroethane-d4
Concen: 30.806 ug/l
RT: 8.577 min Scan# 1125
Delta R.T. 0.006 min
Lab File: VN084875.D
Acq: 15 Nov 2024 17:36

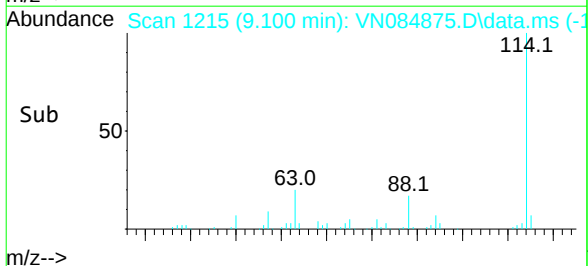
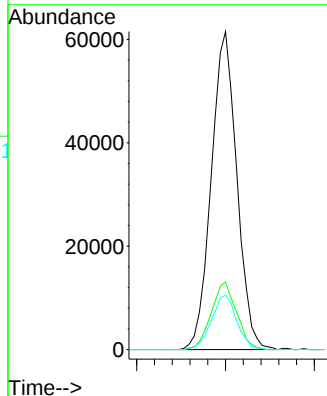
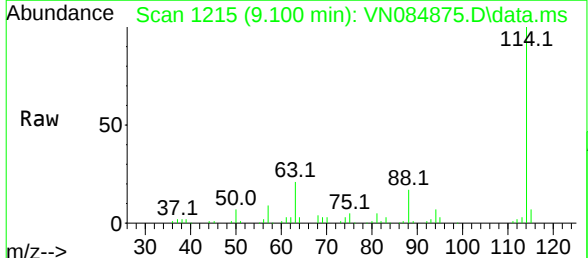
Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE(NOV)

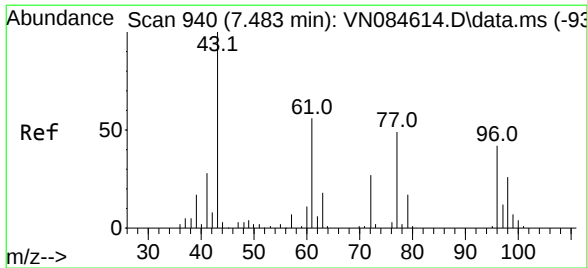
Tgt Ion: 65 Resp: 58387
Ion Ratio Lower Upper
65 100
67 51.3 40.7 61.1



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN084875.D
Acq: 15 Nov 2024 17:36

Tgt Ion: 114 Resp: 122982
Ion Ratio Lower Upper
114 100
63 21.0 16.8 25.2
88 17.0 12.9 19.3

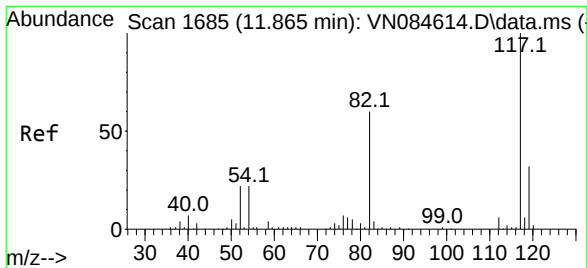
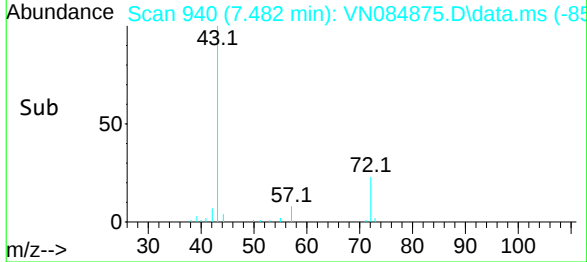
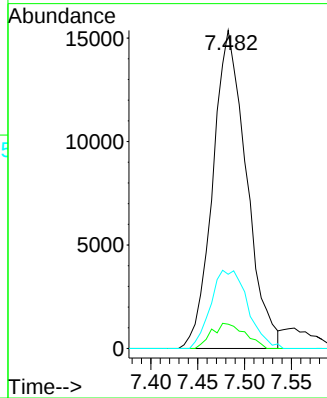
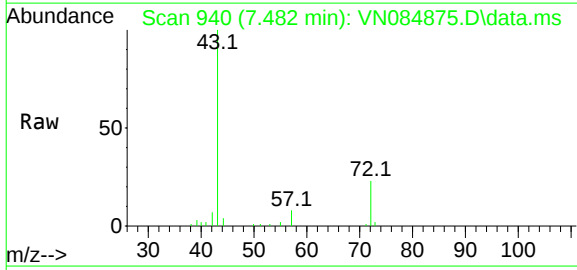




#30
2-Butanone
Concen: 44.883 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN084875.D
Acq: 15 Nov 2024 17:36

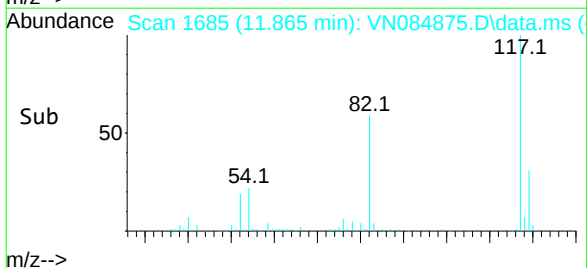
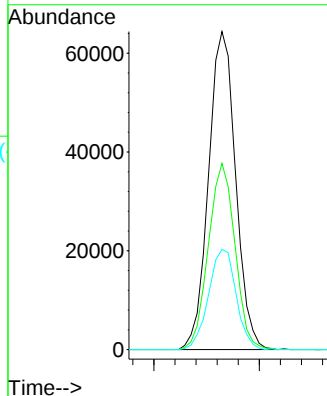
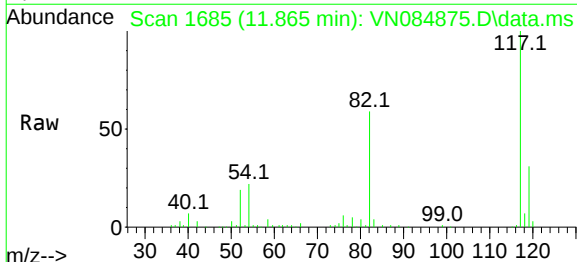
Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE(NOV)

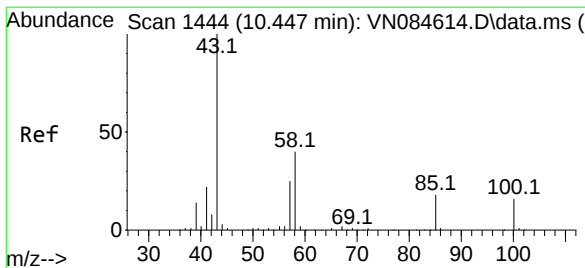
Tgt Ion:	43	Resp:	38351
Ion	Ratio	Lower	Upper
43	100		
57	7.9	6.2	9.4
72	27.0	21.5	32.3



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084875.D
Acq: 15 Nov 2024 17:36

Tgt Ion:	117	Resp:	114966
Ion	Ratio	Lower	Upper
117	100		
82	57.5	45.5	68.3
119	32.1	25.3	37.9





#58

4-Methyl-2-Pentanone

Concen: 7.840 ug/l

RT: 10.441 min Scan# 1443

Delta R.T. -0.006 min

Lab File: VN084875.D

Acq: 15 Nov 2024 17:36

Instrument :

MSVOA_N

ClientSampleId :

002-35TH-AVE(NOV)

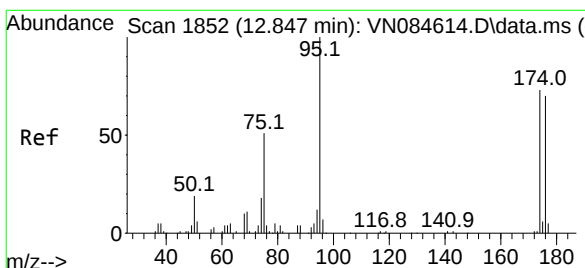
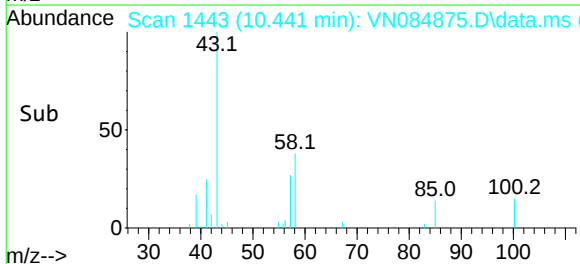
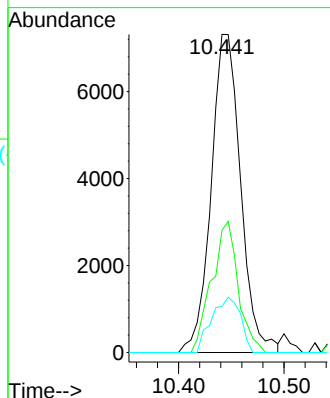
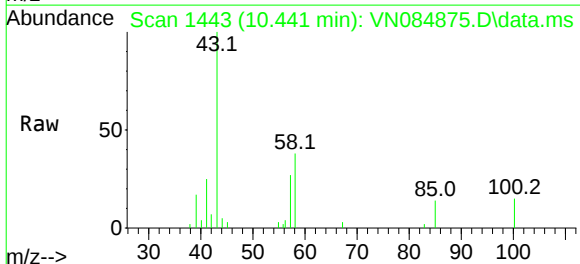
Tgt Ion: 43 Resp: 14219

Ion Ratio Lower Upper

43 100

58 36.9 31.2 46.8

85 16.9 14.9 22.3



#60

4-Bromofluorobenzene

Concen: 26.404 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN084875.D

Acq: 15 Nov 2024 17:36

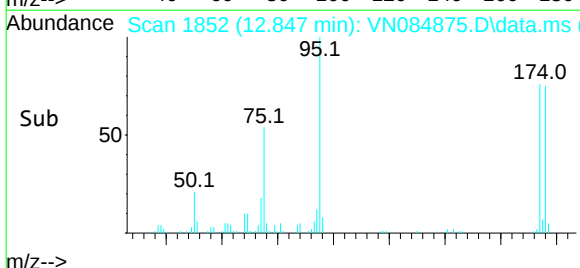
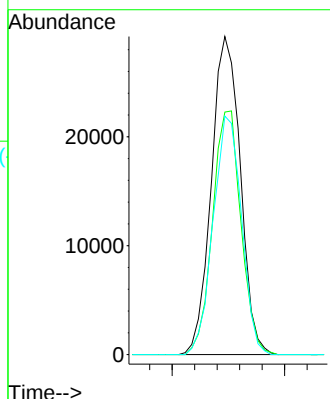
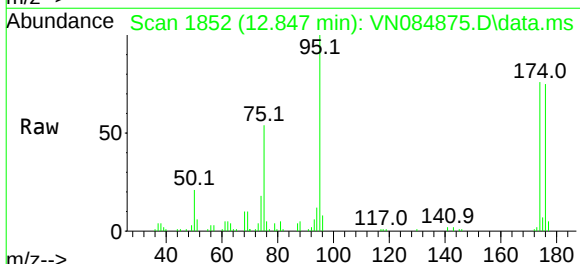
Tgt Ion: 95 Resp: 52268

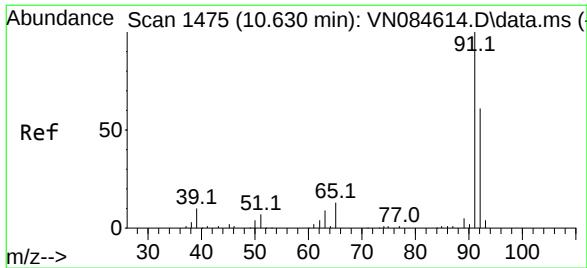
Ion Ratio Lower Upper

95 100

174 75.2 59.6 89.4

176 73.4 58.6 88.0





#62

Toluene

Concen: 208.406 ug/l

RT: 10.629 min Scan# 14

Delta R.T. -0.000 min

Lab File: VN084875.D

Acq: 15 Nov 2024 17:36

Instrument :

MSVOA_N

ClientSampleId :

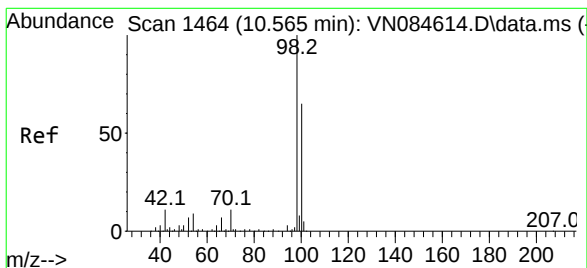
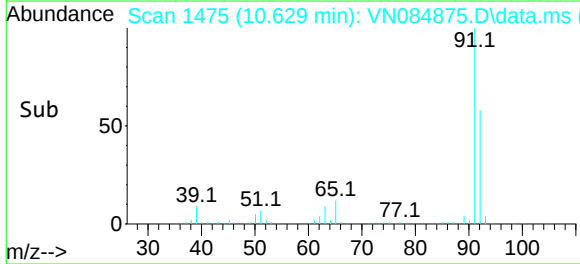
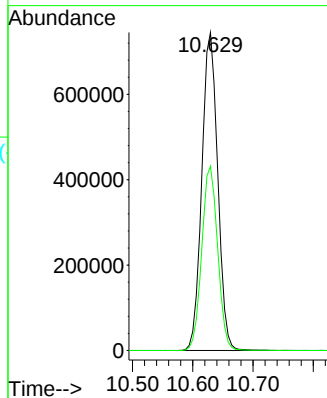
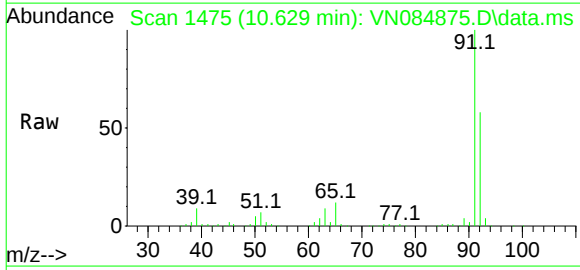
002-35TH-AVE(NOV)

Tgt Ion: 91 Resp: 1364653

Ion Ratio Lower Upper

91 100

92 58.0 47.5 71.3



#63

Toluene-d8

Concen: 28.164 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN084875.D

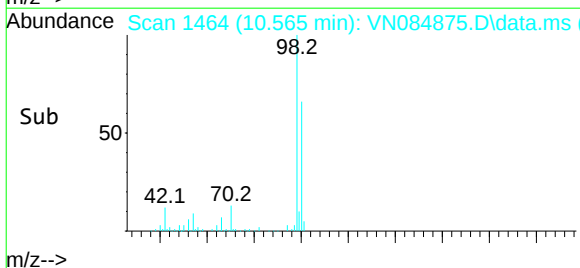
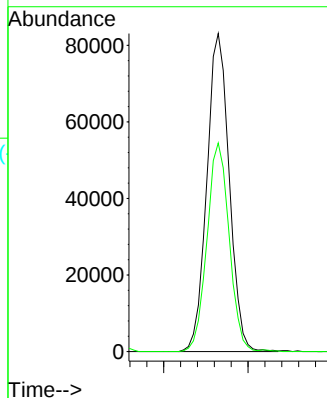
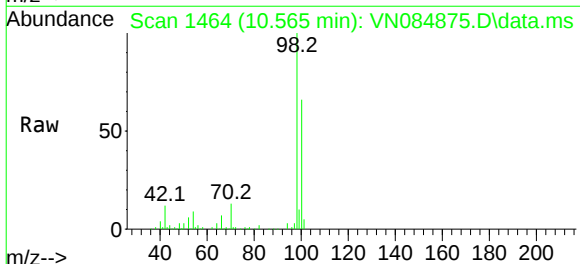
Acq: 15 Nov 2024 17:36

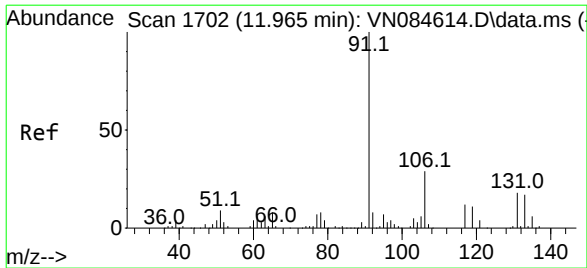
Tgt Ion: 98 Resp: 153284

Ion Ratio Lower Upper

98 100

100 64.8 52.2 78.2





#66

Ethyl Benzene

Concen: 0.280 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. -0.006 min

Lab File: VN084875.D

Acq: 15 Nov 2024 17:36

Instrument :

MSVOA_N

ClientSampleId :

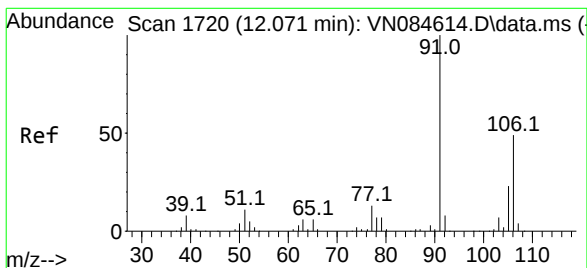
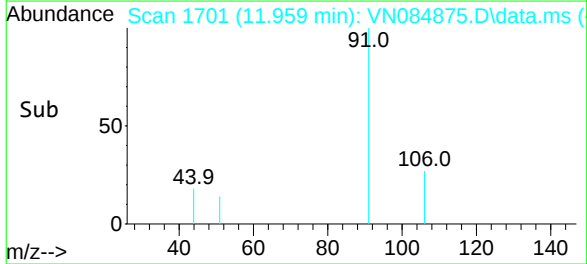
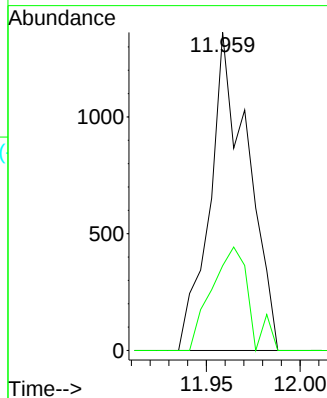
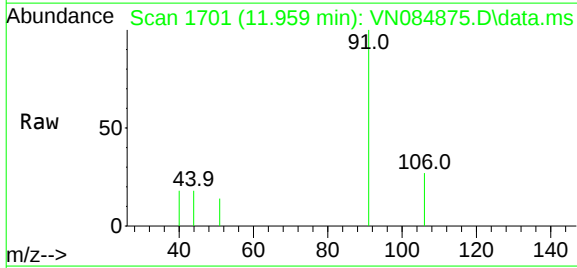
002-35TH-AVE(NOV)

Tgt Ion: 91 Resp: 1924

Ion Ratio Lower Upper

91 100

106 26.7 22.9 34.3



#67

m/p-Xylenes

Concen: 0.788 ug/l

RT: 12.070 min Scan# 1720

Delta R.T. -0.000 min

Lab File: VN084875.D

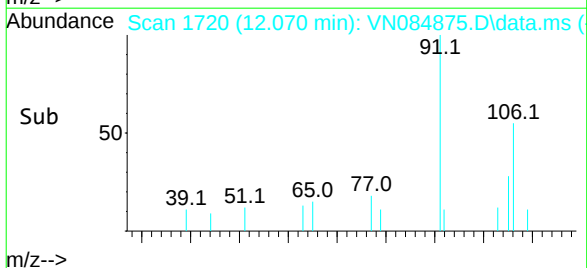
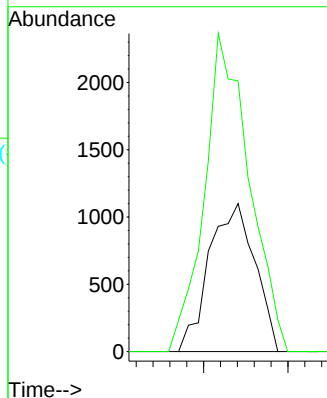
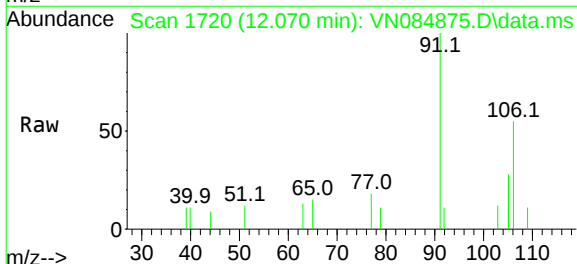
Acq: 15 Nov 2024 17:36

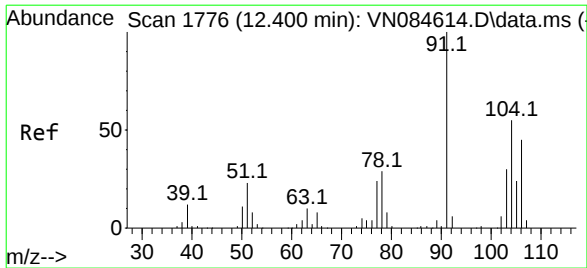
Tgt Ion: 106 Resp: 2075

Ion Ratio Lower Upper

106 100

91 210.4 168.1 252.1





#68

o-Xylene

Concen: 0.299 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. -0.000 min

Lab File: VN084875.D

Acq: 15 Nov 2024 17:36

Instrument :

MSVOA_N

ClientSampleId :

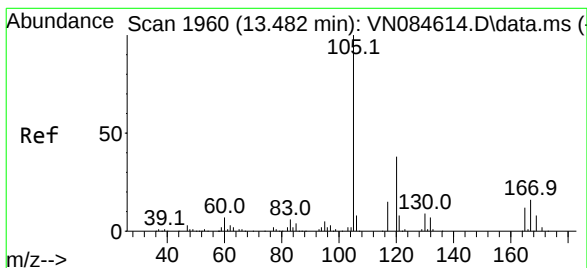
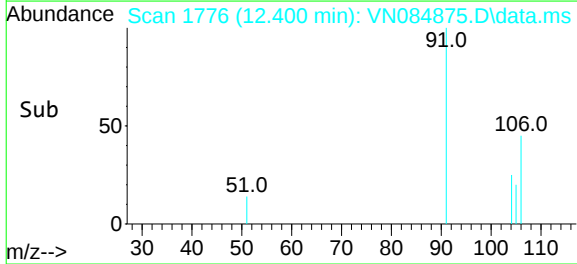
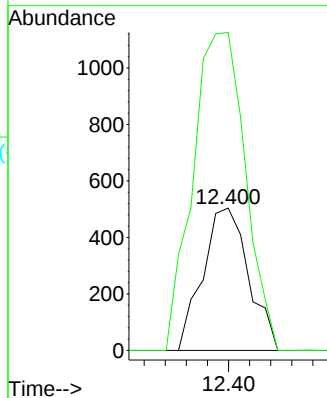
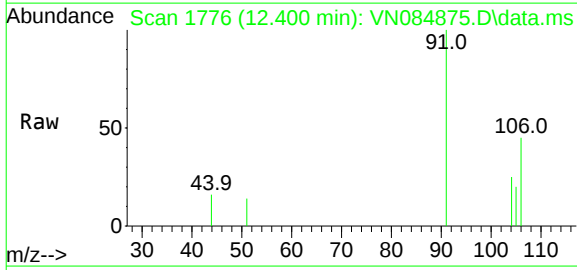
002-35TH-AVE(NOV)

Tgt Ion:106 Resp: 759

Ion Ratio Lower Upper

106 100

91 256.3 107.7 322.9



#80

1,2,4-Trimethylbenzene

Concen: 0.885 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN084875.D

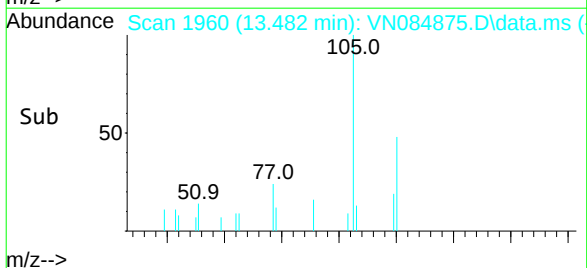
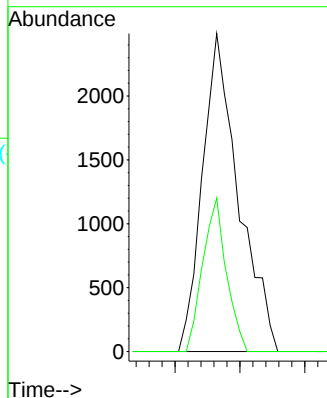
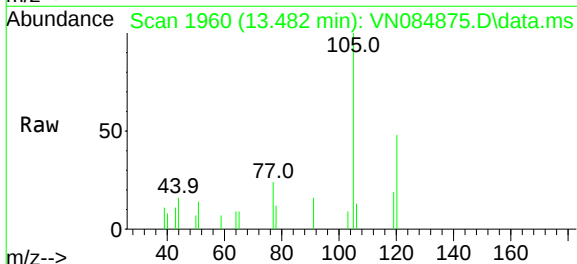
Acq: 15 Nov 2024 17:36

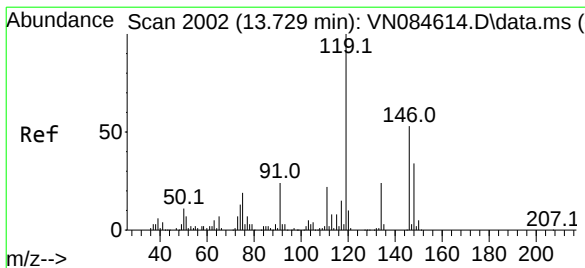
Tgt Ion:105 Resp: 4816

Ion Ratio Lower Upper

105 100

120 31.5 0.0 90.4

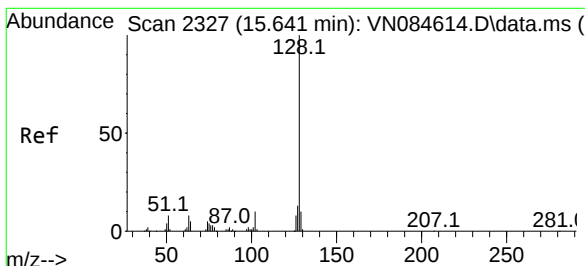
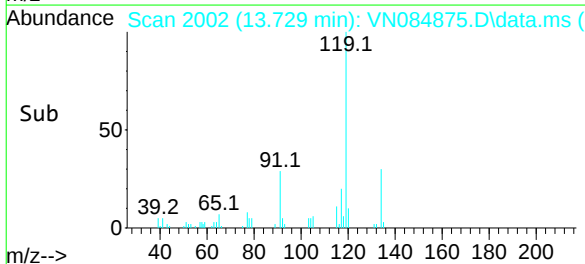
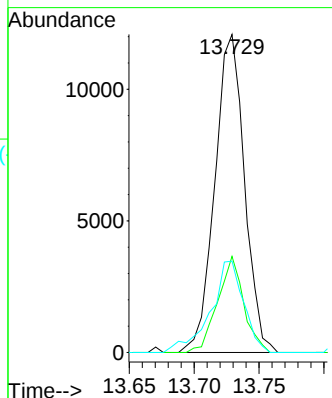
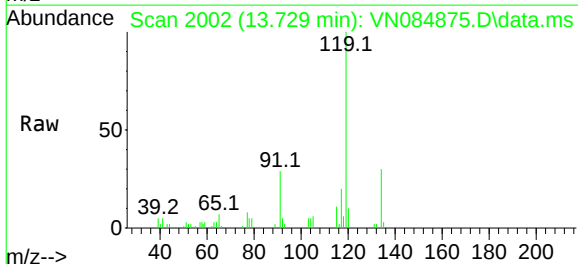




#82
p-Isopropyltoluene
Concen: 3.722 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN084875.D
Acq: 15 Nov 2024 17:36

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

Tgt Ion:	119	Resp:	19225
Ion	Ratio	Lower	Upper
119	100		
134	26.5	0.0	51.4
91	32.0	0.0	50.4



#91
Naphthalene
Concen: 0.652 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.006 min
Lab File: VN084875.D
Acq: 15 Nov 2024 17:36

Tgt Ion:	128	Resp:	3007
Ion	Ratio	Lower	Upper
128	100		
127	7.9	10.3	15.5#
129	7.7	8.6	12.8#

