

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111720\
 Data File : VN064678.D
 Acq On : 17 Nov 2020 14:19
 Operator : JC/MD
 Sample : L4772-07DL 5X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1DL

Manual Integrations
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MMDadoda
 11/18/2020 5:15:18 PM

Quant Time: Nov 18 02:33:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 12:09:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	249969	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	501753	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	542130	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	243289	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	239862	55.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.18%	
35) Dibromofluoromethane	7.55	113	176978	51.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.60%	
50) Toluene-d8	10.06	98	648911	49.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.30%	
62) 4-Bromofluorobenzene	12.38	95	283462	56.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.54%	
Target Compounds						
					Qvalue	
16) Acetone	3.79	43	5220	3.147	ug/l #	89
67) Ethyl Benzene	11.48	91	14955	0.707	ug/l	98
68) m/p-Xylenes	11.60	106	5597	0.730	ug/l	76
73) Isopropylbenzene	12.22	105	360118	18.623	ug/l	100
78) n-propylbenzene	12.57	91	805247	36.526	ug/l	100
80) 1,3,5-Trimethylbenzene	12.66	105	47489	2.977	ug/l	72
83) tert-Butylbenzene	12.97	119	70610	5.667	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	1133301	70.668	ug/l	99
85) sec-Butylbenzene	13.14	105	315941	20.022	ug/l #	73
86) p-Isopropyltoluene	13.26	119	11832m	0.834	ug/l	
89) n-Butylbenzene	13.59	91	148125	12.138	ug/l #	80
95) Naphthalene	15.10	128	34439	6.017	ug/l	99

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

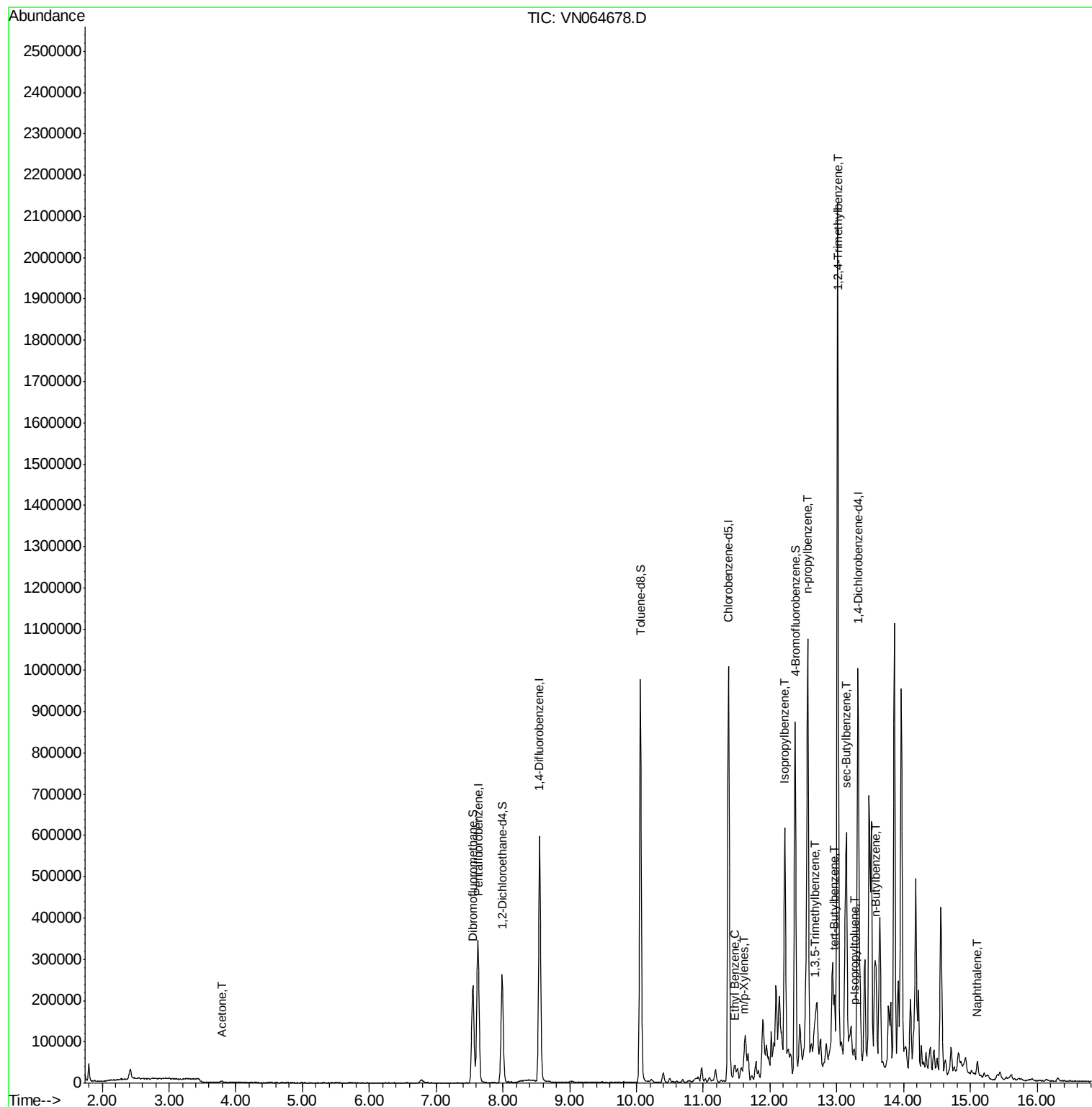
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN111720\
Data File : VN064678.D
Acq On : 17 Nov 2020 14:19
Operator : JC/MD
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MW-1DL

Manual Integrations
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Quant Time: Nov 18 02:33:34 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 04 12:09:03 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064678.D

Acq: 17 Nov 2020 14:19

Instrument :

MSVOA_N

ClientSampleId :

MW-1DL

Tot Ion:168 Resp: 249969

Ion Ratio Lower Upper

168 100

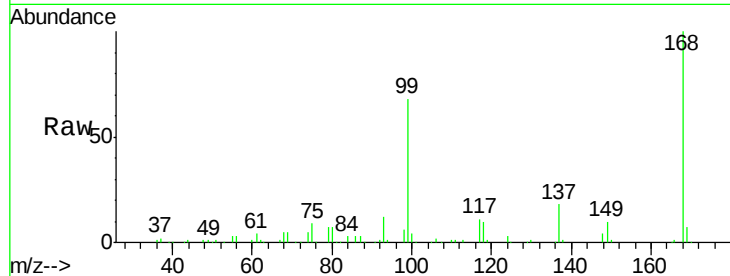
99 67.7 53.4 80.2

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

100000

80000

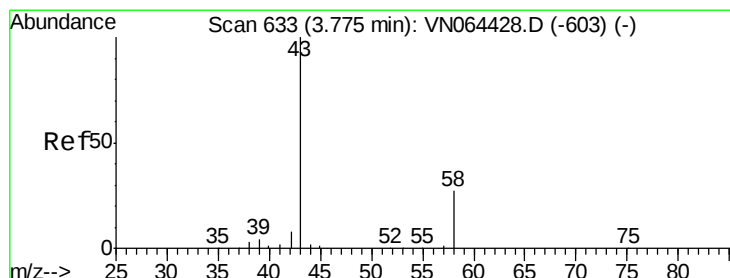
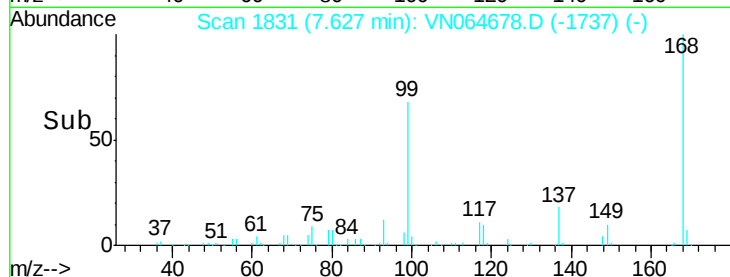
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 3.147 ug/l

RT: 3.79 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN064678.D

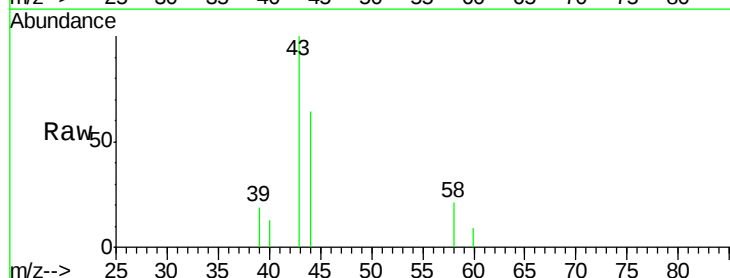
Acq: 17 Nov 2020 14:19

Tgt Ion: 43 Resp: 5220

Ion Ratio Lower Upper

43 100

58 21.0 21.4 32.0#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.79

2000

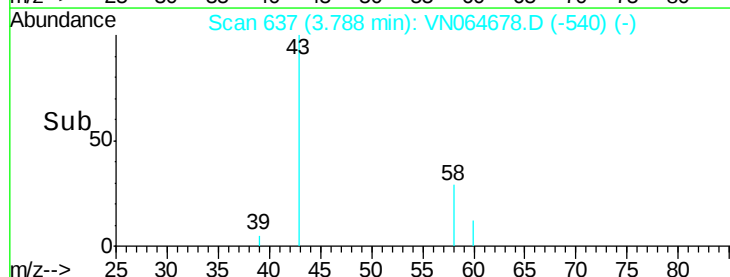
1500

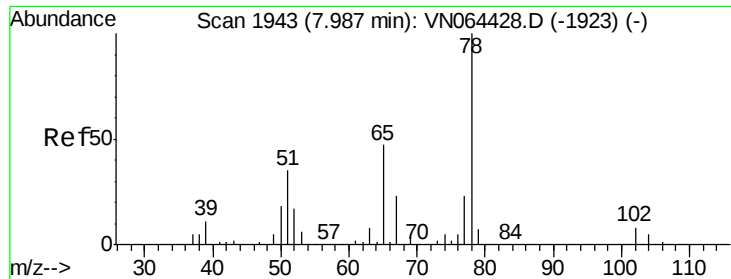
1000

500

0

Time--> 3.70 3.75 3.80 3.85





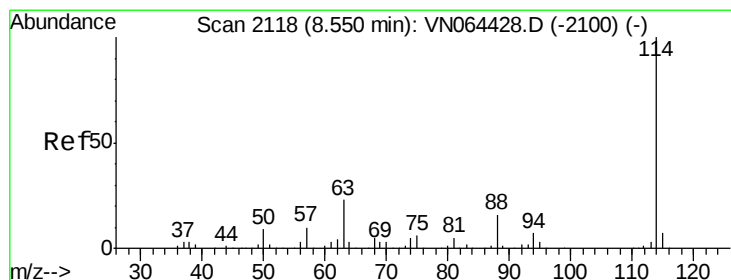
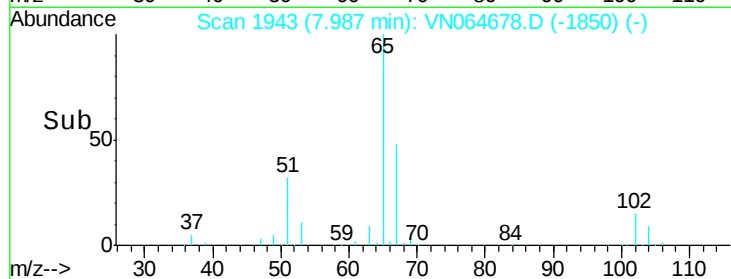
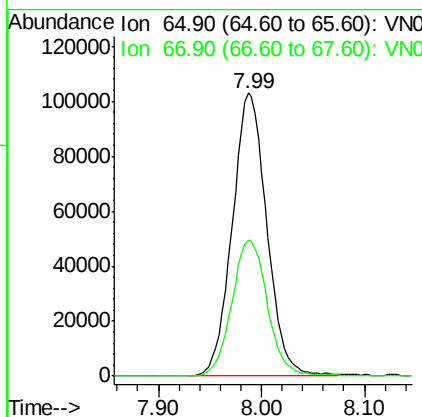
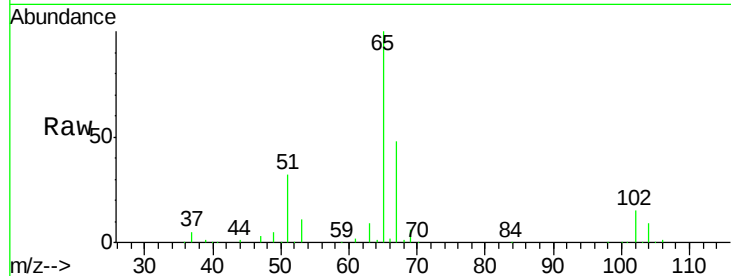
#33
 1,2-Dichloroethane-d4
 Concen: 55.089 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN064678.D
 Acq: 17 Nov 2020 14:19

Instrument :
 MSVOA_N
 ClientSampled :
 MW-1DL

Tot Ion	Ratio	Resp	Lower	Upper
65	100	239862		
67	49.4	0.0	101.6	

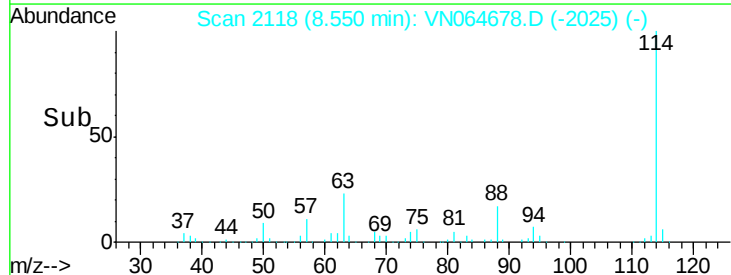
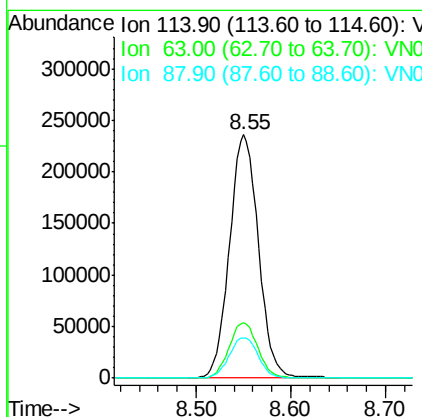
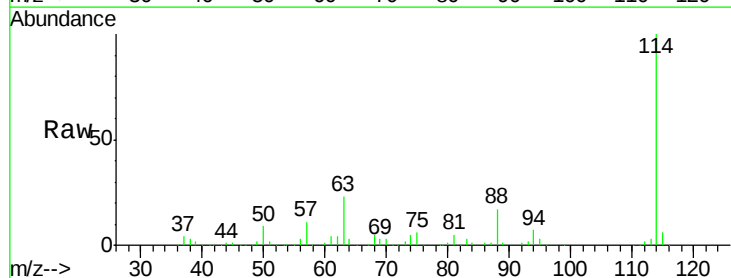
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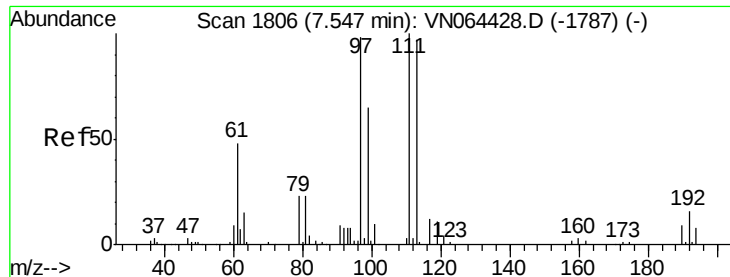
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN064678.D
 Acq: 17 Nov 2020 14:19

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	501753		
63	22.6	0.0	45.6	
88	16.6	0.0	32.8	





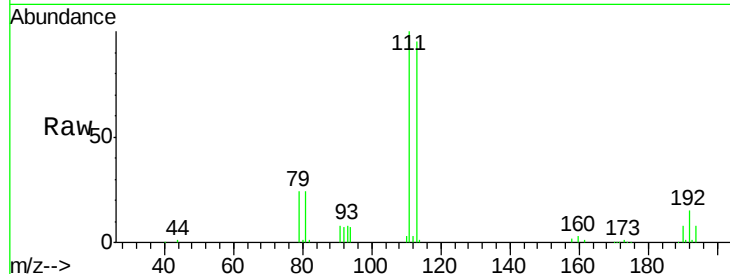
#35
Dibromofluoromethane
Concen: 51.805 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN064678.D
Acq: 17 Nov 2020 14:19

Instrument :
MSVOA_N
ClientSampleId :
MW-1DL

Tot Ion	Ratio	Lower	Upper
113	100		
111	105.0	81.1	121.7
192	16.7	12.8	19.2

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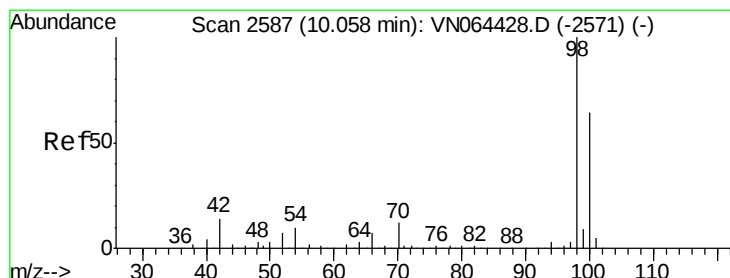
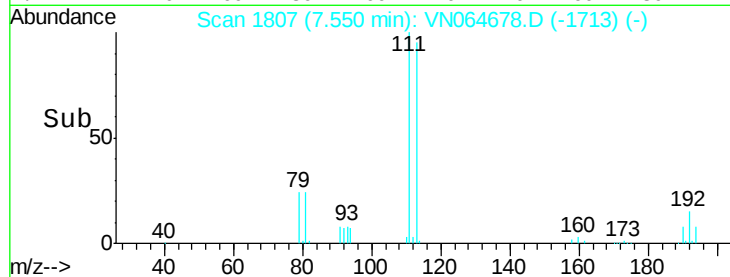
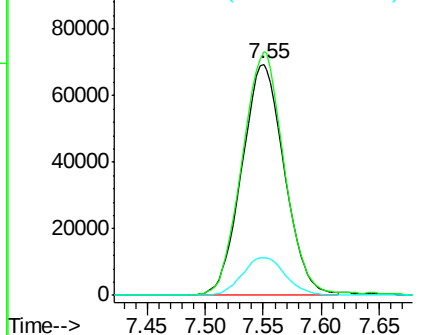


Abundance

Ion 112.80 (112.50 to 113.50): V

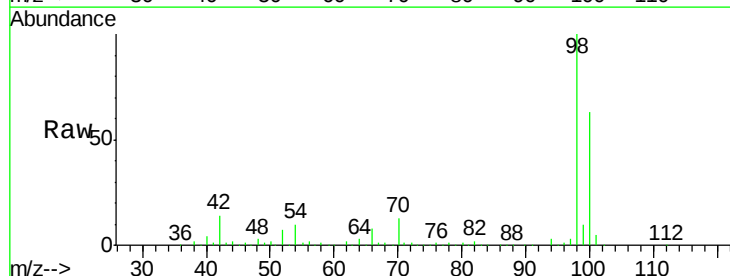
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#50
Toluene-d8
Concen: 49.146 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN064678.D
Acq: 17 Nov 2020 14:19

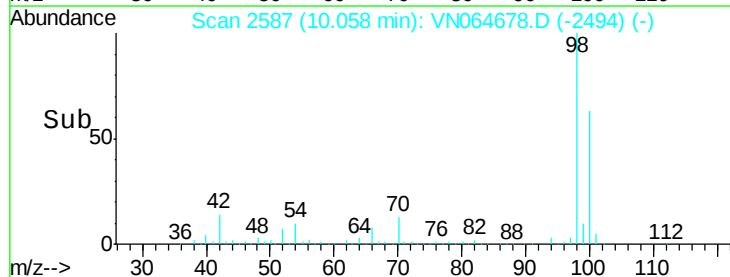
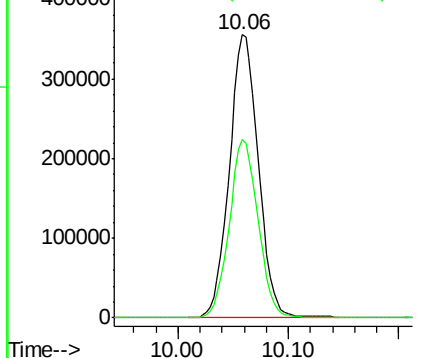
Tgt Ion	Ratio	Lower	Upper
98	100		
100	62.4	50.7	76.1

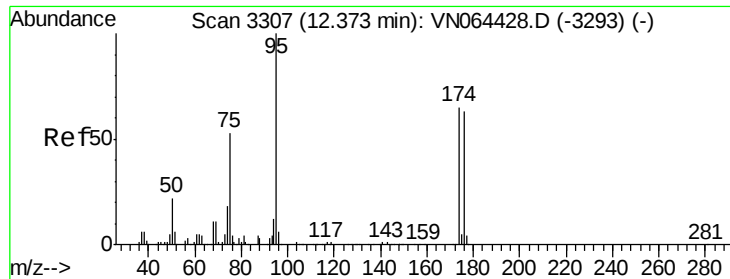


Abundance

Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V





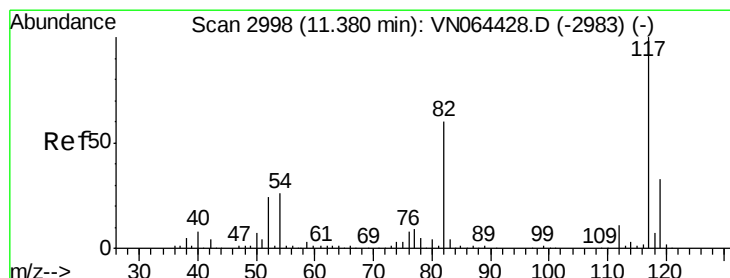
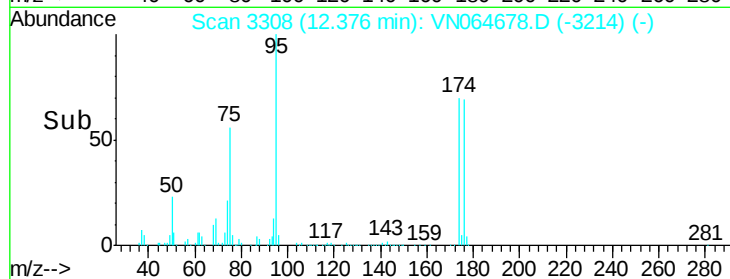
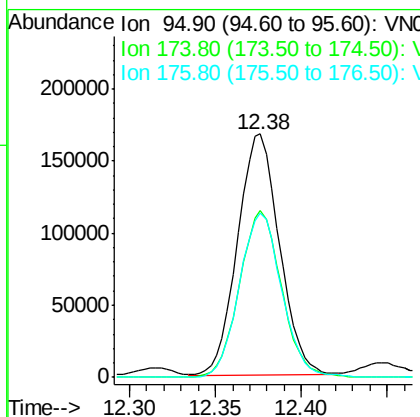
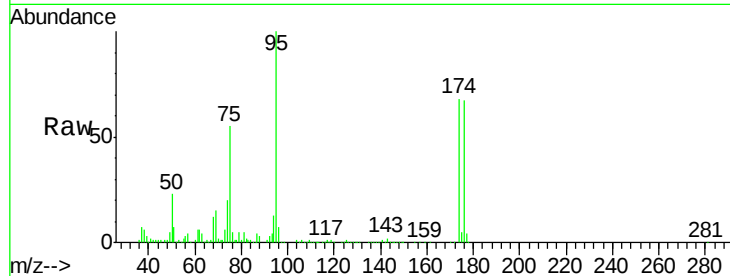
#62
4-Bromofluorobenzene
Concen: 56.766 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064678.D
Acq: 17 Nov 2020 14:19

Instrument :
MSVOA_N
ClientSampleId :
MW-1DL

Tot Ion	Ratio	Resp	Lower	Upper
95	100	283462		
174	69.5	0.0	132.6	
176	68.9	0.0	129.2	

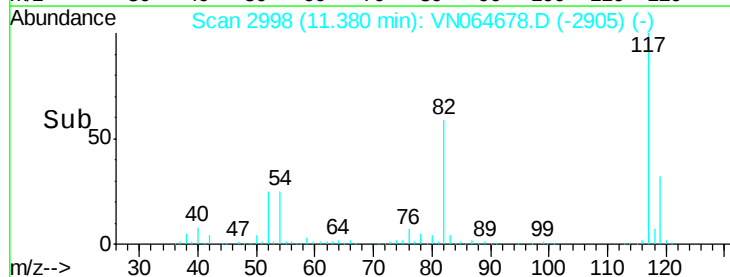
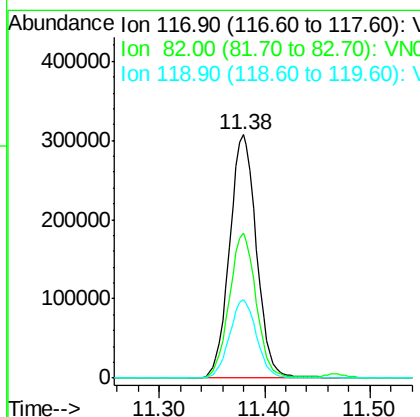
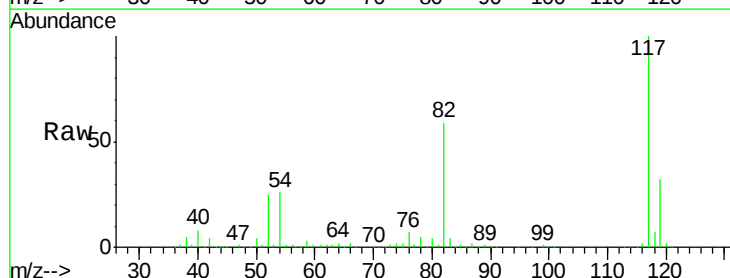
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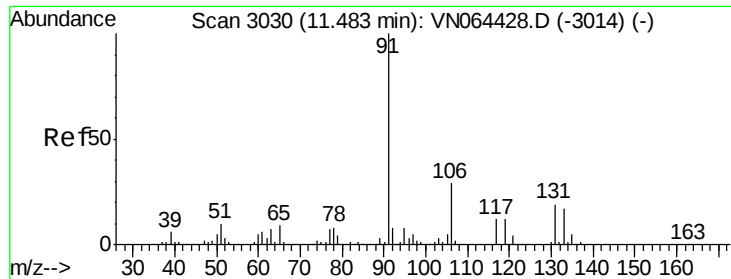
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064678.D
Acq: 17 Nov 2020 14:19

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	542130		
82	59.3	48.1	72.1	
119	32.3	26.2	39.4	





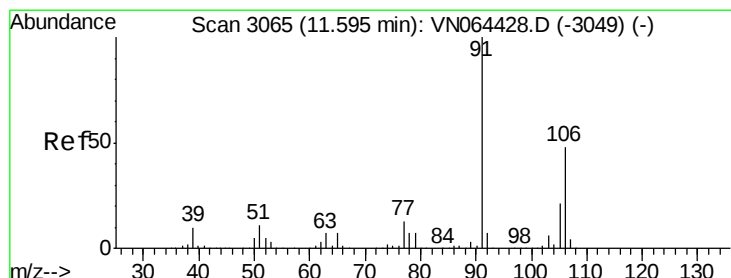
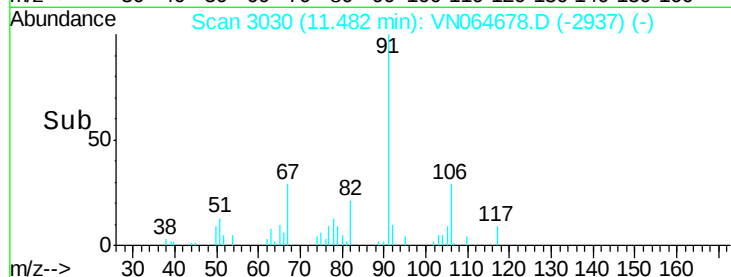
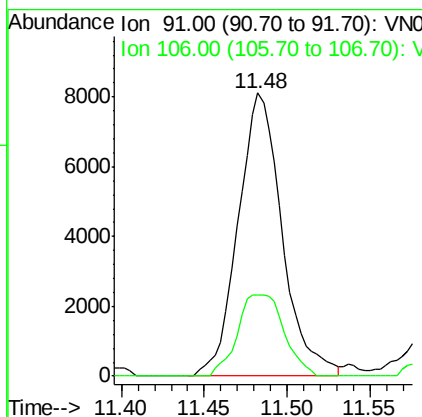
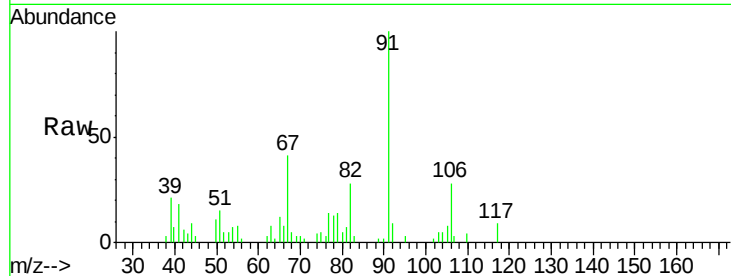
#67
Ethyl Benzene
Concen: 0.707 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN064678.D
Acq: 17 Nov 2020 14:19

Instrument :
MSVOA_N
ClientSampleId :
MW-1DL

Tot Ion: 91 Resp: 14955
Ion Ratio Lower Upper
91 100
106 28.5 23.6 35.4

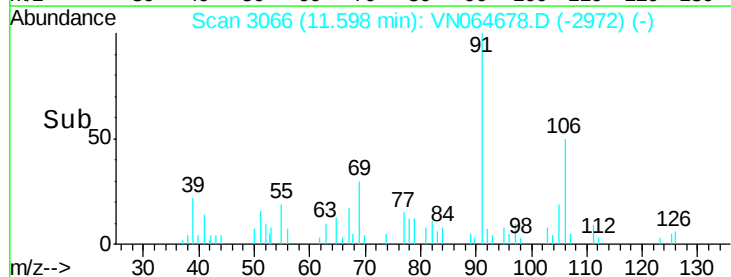
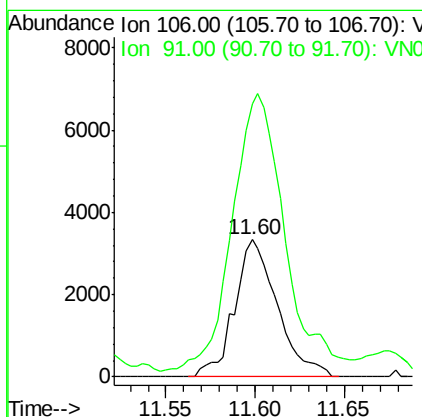
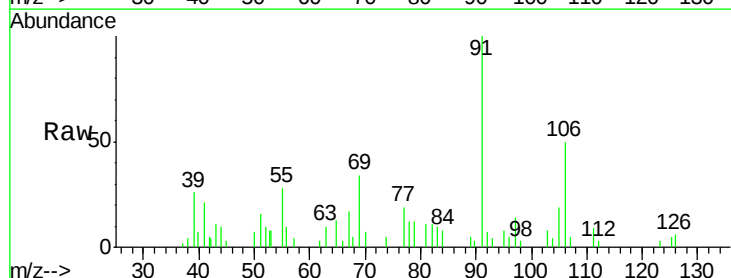
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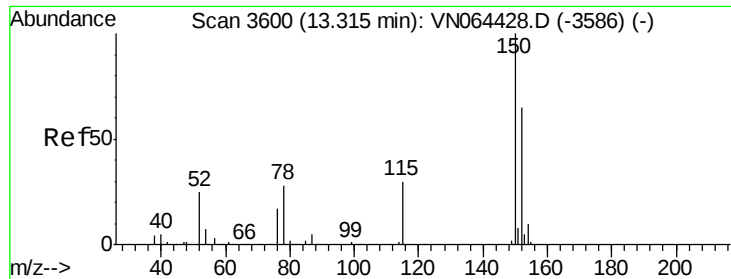
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#68
m/p-Xylenes
Concen: 0.730 ug/l
RT: 11.60 min Scan# 3066
Delta R.T. 0.00 min
Lab File: VN064678.D
Acq: 17 Nov 2020 14:19

Tgt Ion: 106 Resp: 5597
Ion Ratio Lower Upper
106 100
91 250.0 169.4 254.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064678.D

Acq: 17 Nov 2020 14:19

Instrument :

MSVOA_N

ClientSampled :

MW-1DL

Tot Ion:152 Resp: 243289

Ion Ratio Lower Upper

152 100

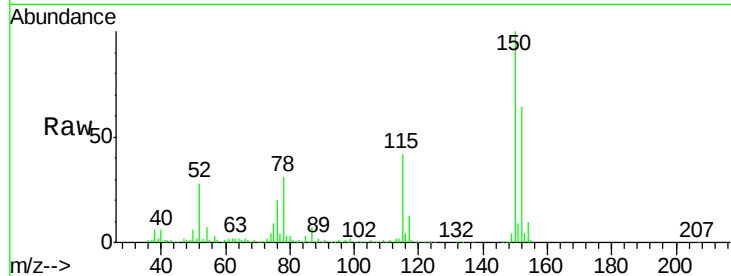
115 66.4 32.0 96.0

150 157.4 0.0 353.8

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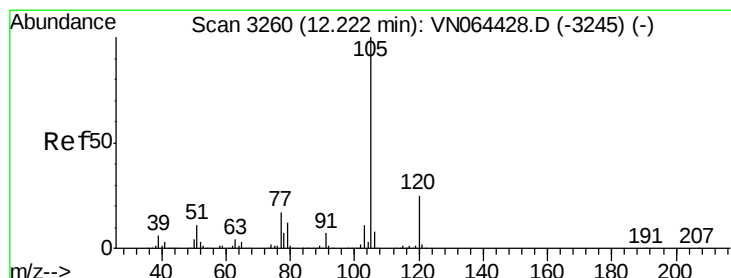
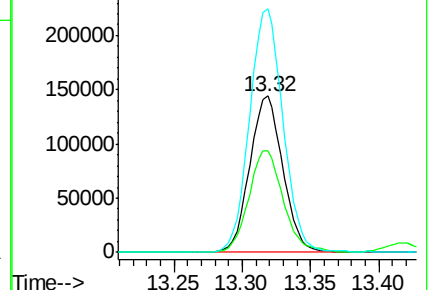
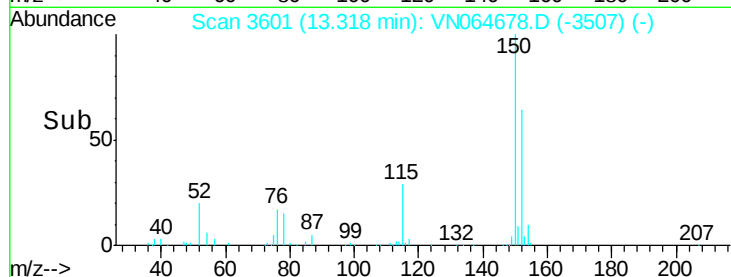
11/18/2020 5:15:18 PM



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 18.623 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN064678.D

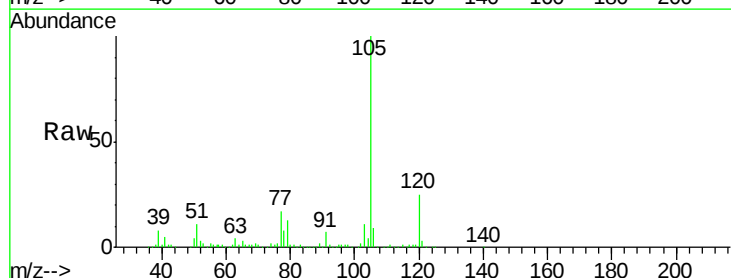
Acq: 17 Nov 2020 14:19

Tgt Ion:105 Resp: 360118

Ion Ratio Lower Upper

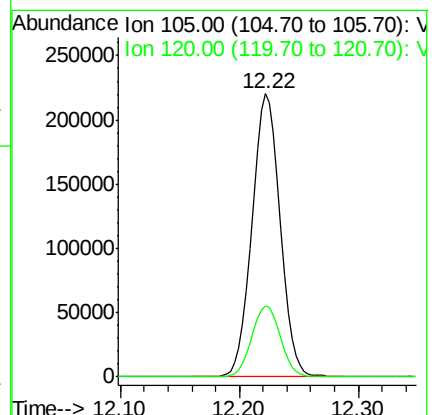
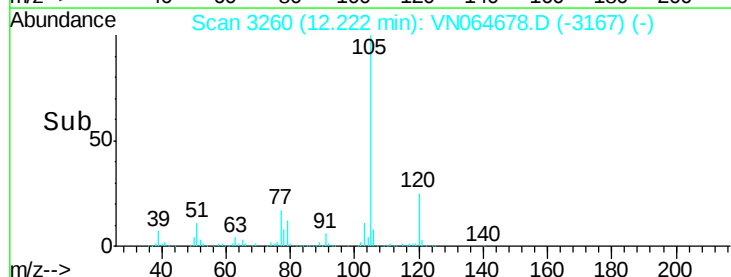
105 100

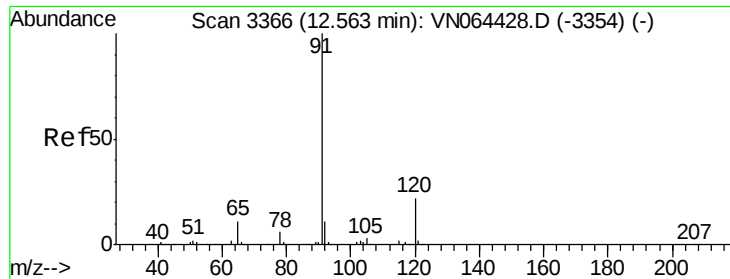
120 25.6 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 36.526 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064678.D

Acq: 17 Nov 2020 14:19

Instrument :

MSVOA_N

ClientSampled :

MW-1DL

Tot Ion: 91 Resp: 805247

Ion Ratio Lower Upper

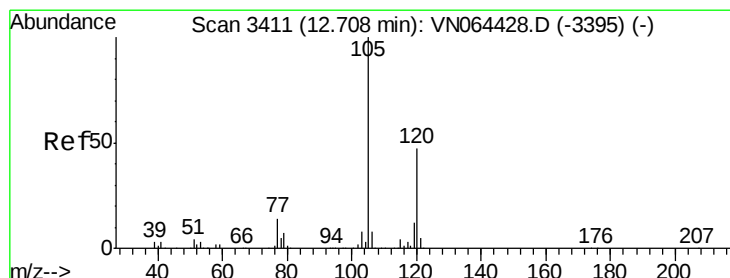
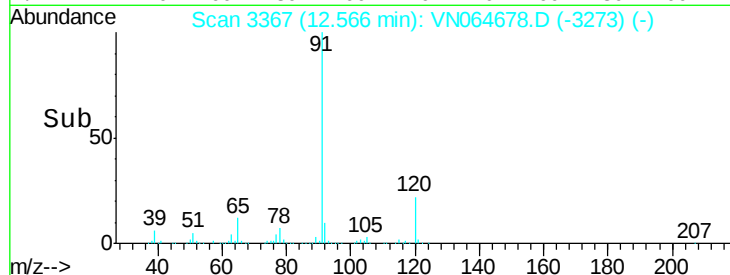
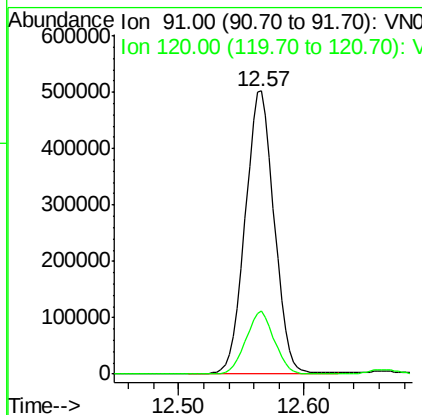
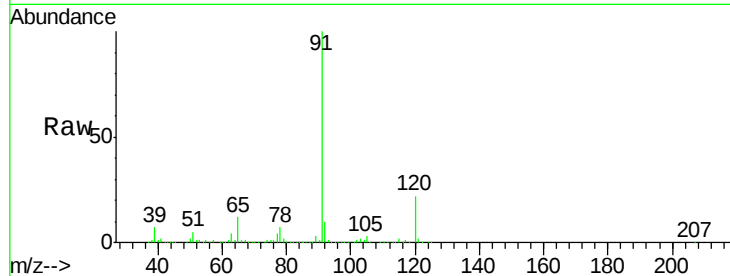
91 100

120 21.9 11.0 33.0

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#80

1,3,5-Trimethylbenzene

Concen: 2.977 ug/l

RT: 12.66 min Scan# 3397

Delta R.T. -0.05 min

Lab File: VN064678.D

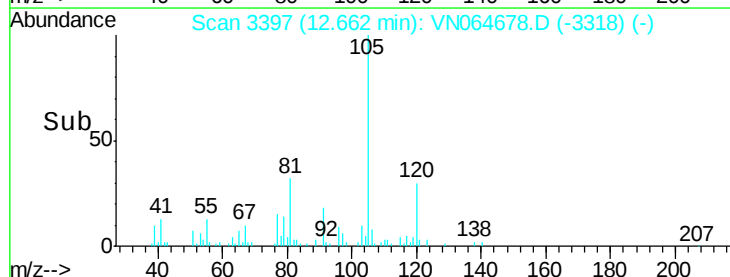
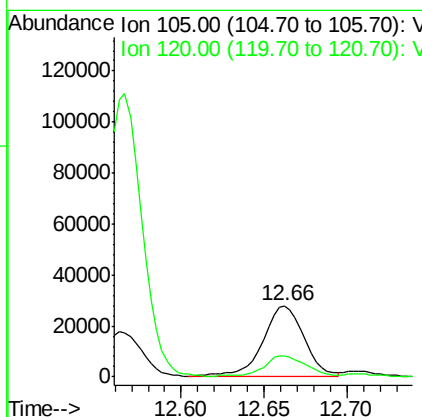
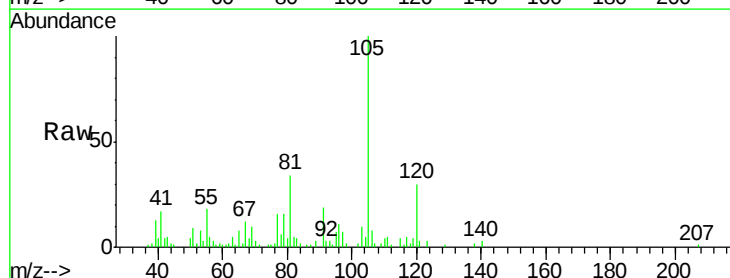
Acq: 17 Nov 2020 14:19

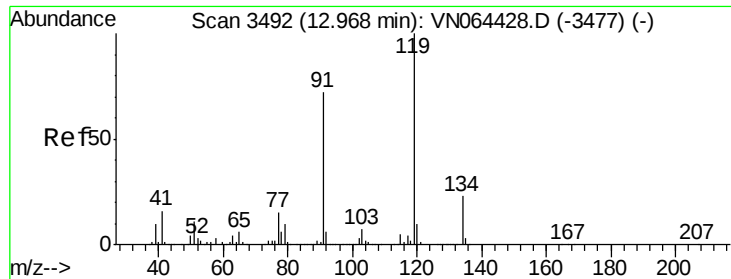
Tgt Ion: 105 Resp: 47489

Ion Ratio Lower Upper

105 100

120 28.4 23.4 70.2





#83

tert-Butylbenzene

Concen: 5.667 ug/l

RT: 12.97 min Scan# 3492

Delta R.T. -0.00 min

Lab File: VN064678.D

Acq: 17 Nov 2020 14:19

Instrument :

MSVOA_N

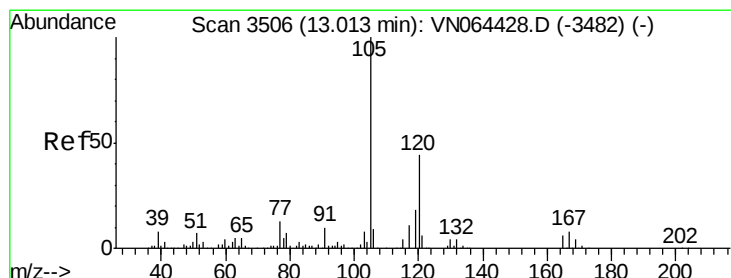
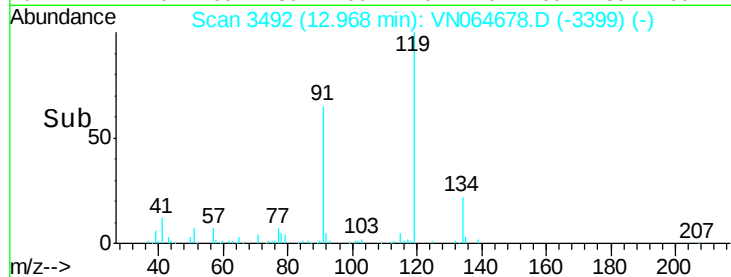
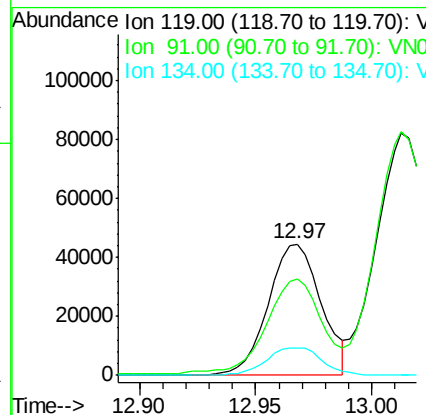
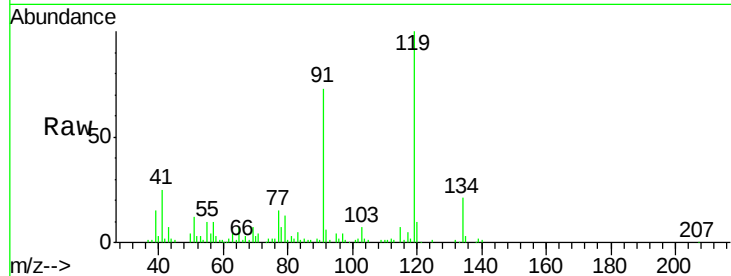
ClientSampled :

MW-1DL

Tot Ion	Ratio	Lower	Upper
119	100		
91	75.5	36.1	108.3
134	22.6	11.7	35.1

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#84

1,2,4-Trimethylbenzene

Concen: 70.668 ug/l

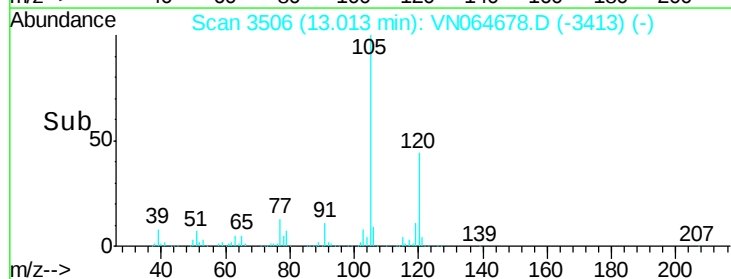
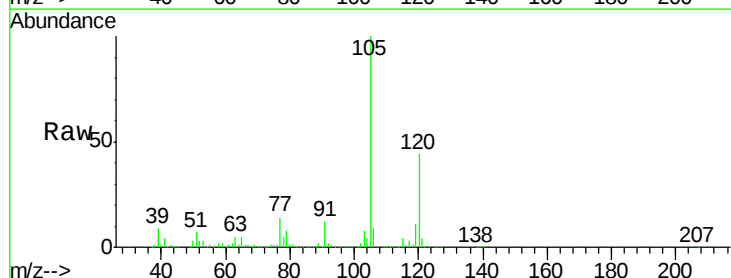
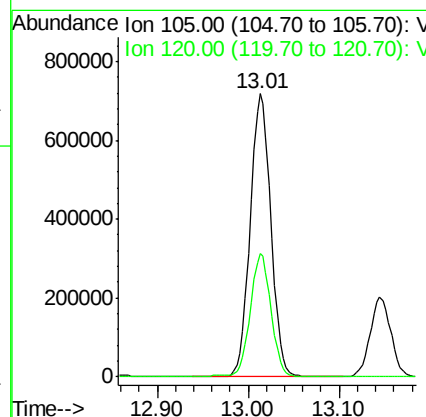
RT: 13.01 min Scan# 3506

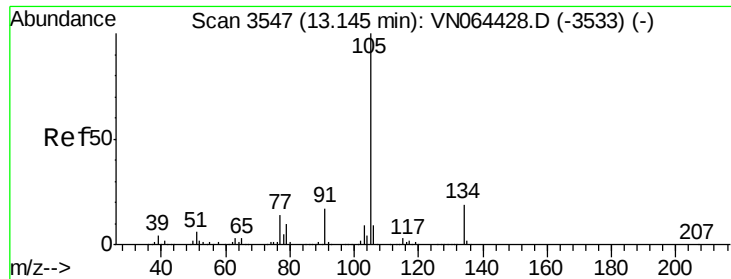
Delta R.T. -0.00 min

Lab File: VN064678.D

Acq: 17 Nov 2020 14:19

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.3	21.9	65.7





#85

sec-Butylbenzene

Concen: 20.022 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN064678.D

Acq: 17 Nov 2020 14:19

Instrument :

MSVOA_N

ClientSampled :

MW-1DL

Tot Ion:105 Resp: 315941

Ion Ratio Lower Upper

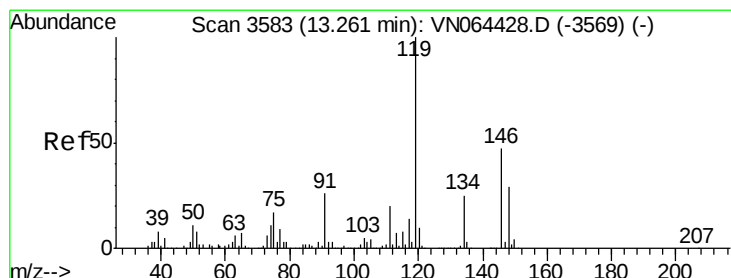
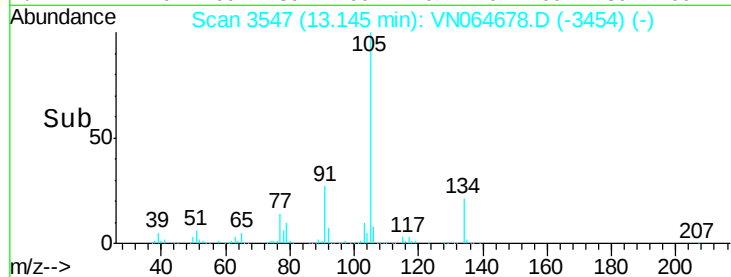
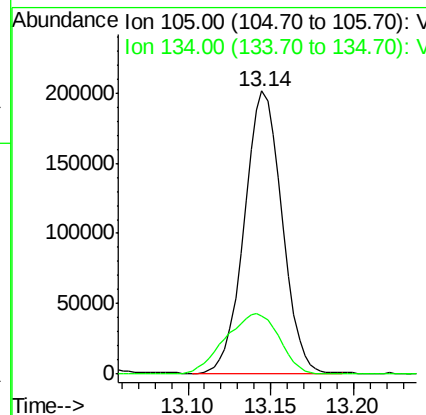
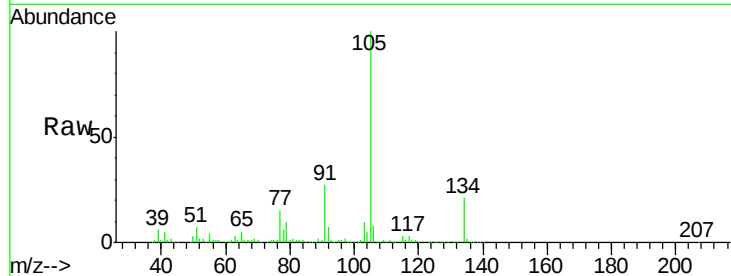
105 100

134 31.0 9.4 28.2#

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#86

p-Isopropyltoluene

Concen: 0.834 ug/l m

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN064678.D

Acq: 17 Nov 2020 14:19

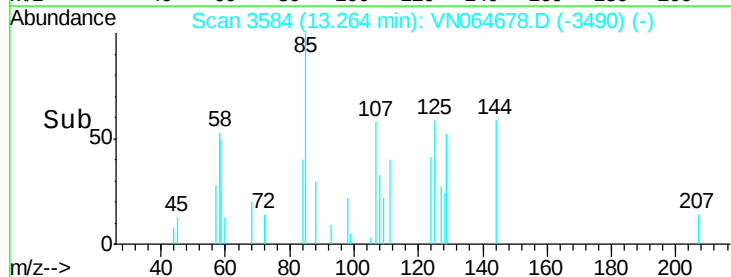
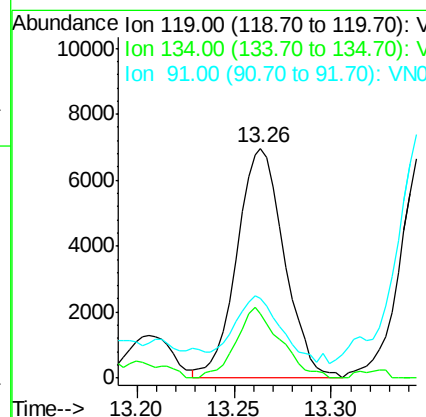
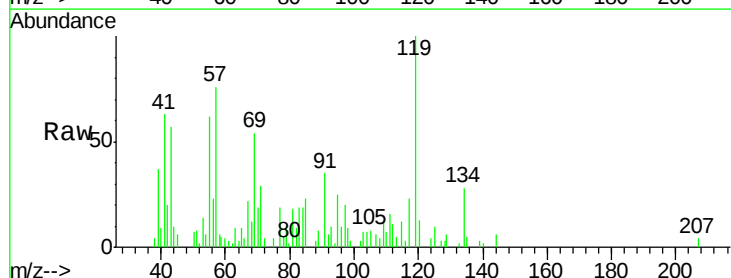
Tgt Ion:119 Resp: 11832

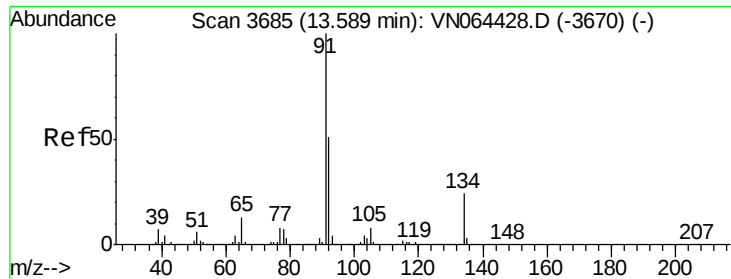
Ion Ratio Lower Upper

119 100

134 322.1 12.6 37.6#

91 314.1 12.8 38.3#





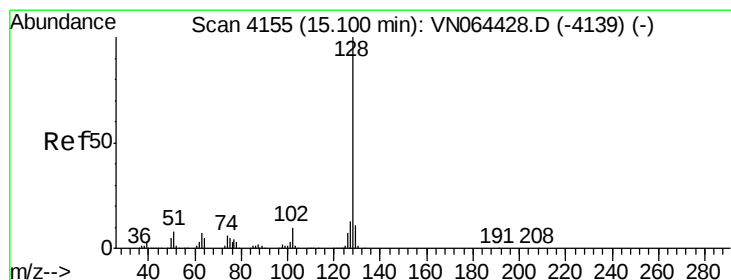
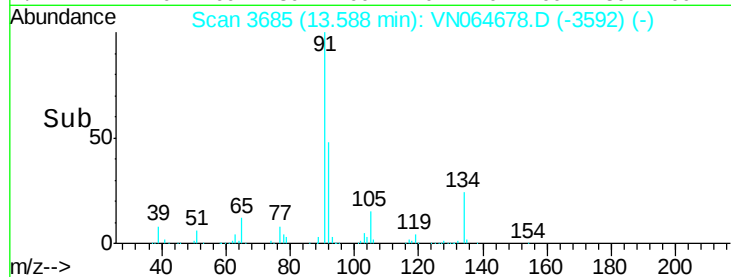
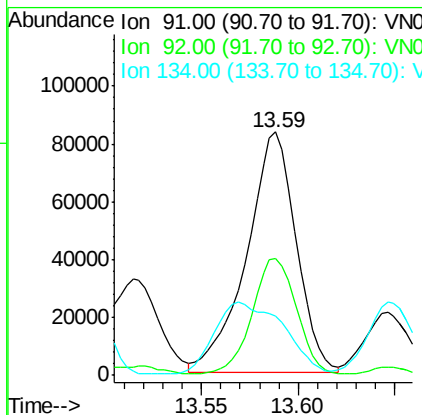
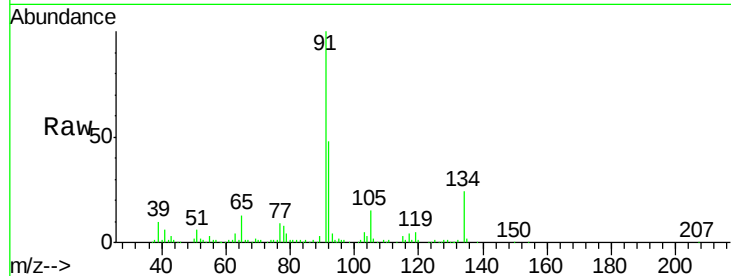
#89
n-Butylbenzene
Concen: 12.138 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN064678.D
Acq: 17 Nov 2020 14:19

Instrument :
MSVOA_N
ClientSampleId :
MW-1DL

Tot Ion	Ratio	Lower	Upper
91	100		
92	43.2	25.3	75.9
134	42.8	11.8	35.4

Manual Integrations
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#95
Naphthalene
Concen: 6.017 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN064678.D
Acq: 17 Nov 2020 14:19

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.5	15.7
129	10.0	8.8	13.2

