

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092120\
 Data File : VN063487.D
 Acq On : 21 Sep 2020 15:45
 Operator : JC/MD
 Sample : L4056-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 229

Manual Integrations
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Quant Time: Sep 22 07:47:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	270580	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	505676	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	497611	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	228695	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	214235	46.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.02%	
35) Dibromofluoromethane	7.55	113	161656	46.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.36%	
50) Toluene-d8	10.06	98	643702	48.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.80%	
62) 4-Bromofluorobenzene	12.38	95	259961	53.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.74%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	4.72	59	18395m	28.828	ug/l	
16) Acetone	3.77	43	354854	239.720	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	26939	2.367	ug/l	95
22) Diisopropyl ether	5.91	45	7445m	0.604	ug/l	
25) 2-Butanone	6.79	43	15549	6.830	ug/l	95
40) Benzene	8.00	78	23671	1.539	ug/l	99
52) Toluene	10.13	92	33450	3.618	ug/l	95
68) m/p-Xylenes	11.60	106	8763	1.222	ug/l	97
69) o-Xylene	11.92	106	23046	3.373	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	26128	1.710	ug/l	95
84) 1,2,4-Trimethylbenzene	13.02	105	13657	0.885	ug/l	100
95) Naphthalene	15.10	128	36577	2.503	ug/l #	93

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

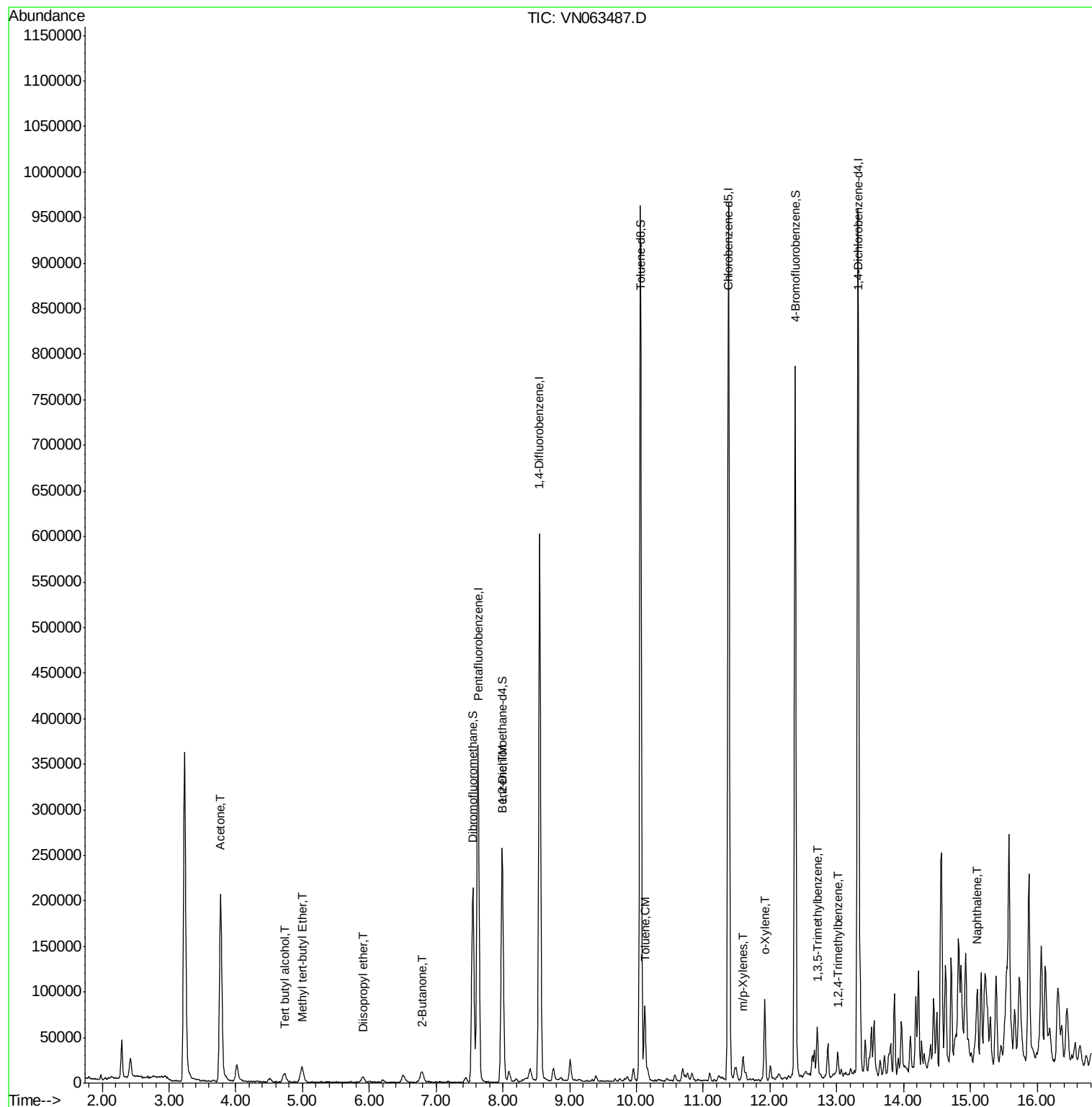
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092120\
Data File : VN063487.D
Acq On : 21 Sep 2020 15:45
Operator : JC/MD
Sample : L4056-03
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 14 Sample Multiplier: 1

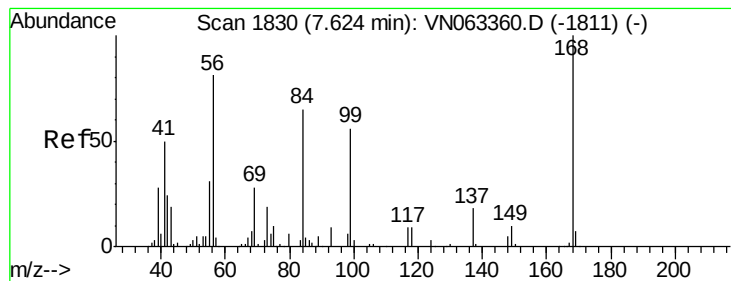
Instrument :
MSVOA_N
ClientSampled :
229

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Quant Time: Sep 22 07:47:56 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 16 13:05:20 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: VN063487.D

Acq: 21 Sep 2020 15:45

Instrument :

MSVOA_N

ClientSampled :

229

Tot Ion:168 Resp: 270580

Ion Ratio Lower Upper

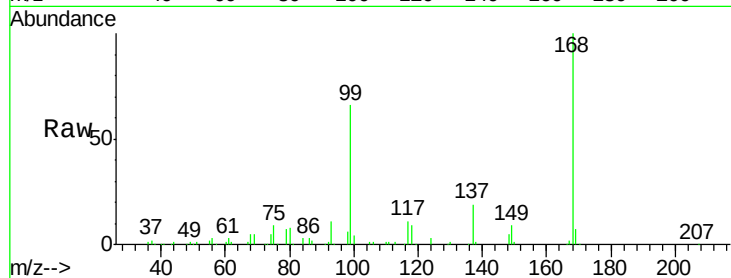
168 100

99 66.4 53.0 79.6

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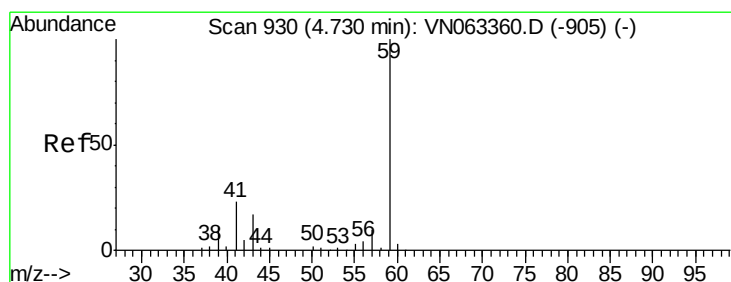
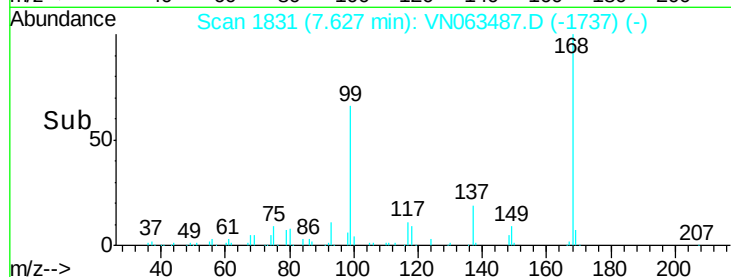
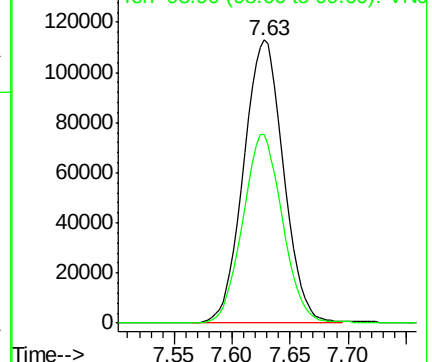
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#11

Tert butyl alcohol

Concen: 28.828 ug/l m

RT: 4.72 min Scan# 927

Delta R.T. -0.01 min

Lab File: VN063487.D

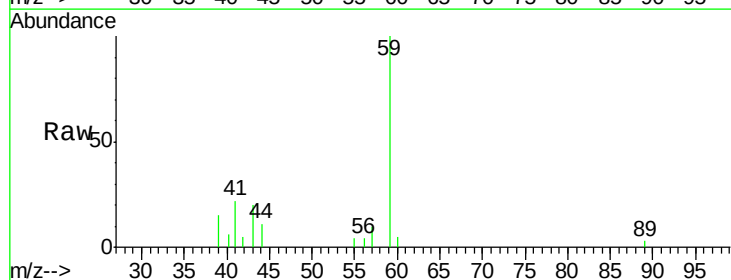
Acq: 21 Sep 2020 15:45

Tgt Ion: 59 Resp: 18395

Ion Ratio Lower Upper

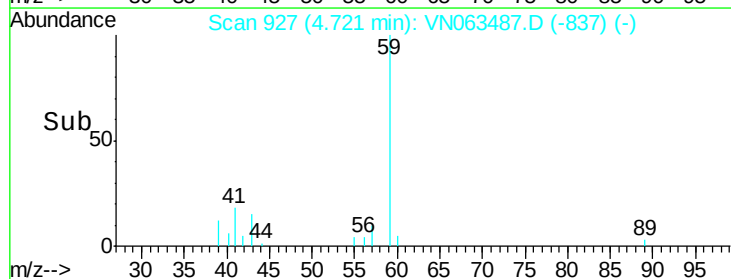
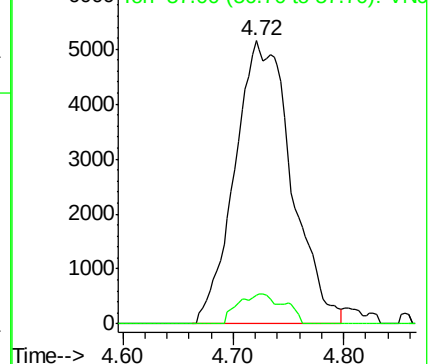
59 100

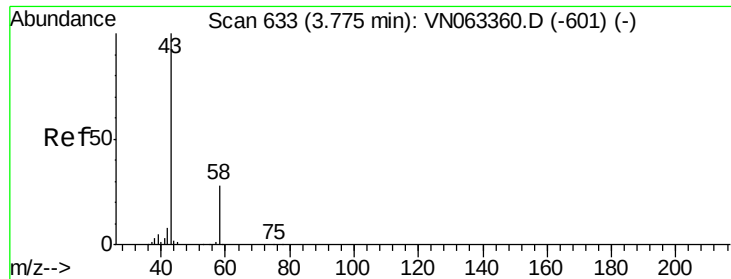
57 6.6 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0





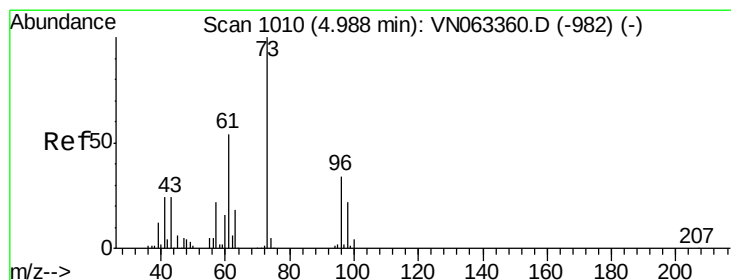
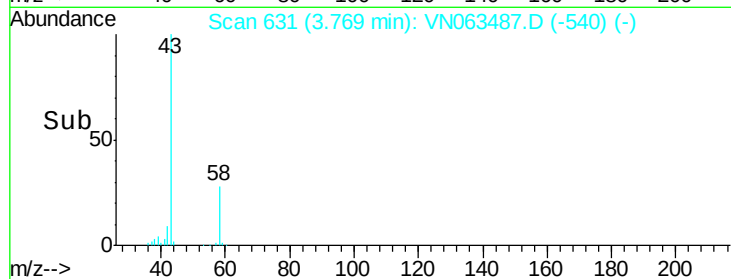
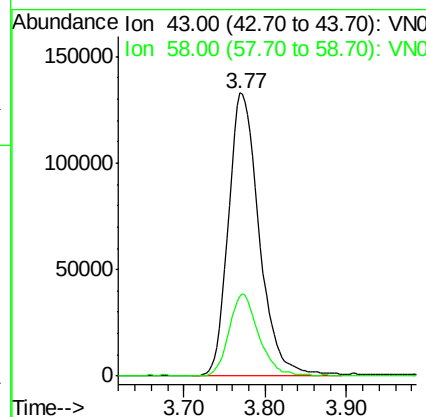
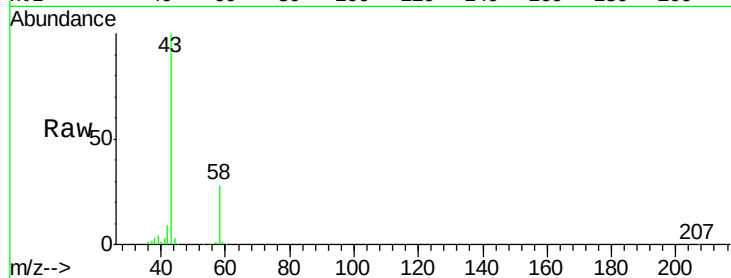
#16
Acetone
Concen: 239.720 ug/l
RT: 3.77 min Scan# 631
Delta R.T. -0.01 min
Lab File: VN063487.D
Acq: 21 Sep 2020 15:45

Instrument :
MSVOA_N
ClientSampled :
229

Tot Ion: 43 Resp: 354854
Ion Ratio Lower Upper
43 100
58 28.2 22.3 33.5

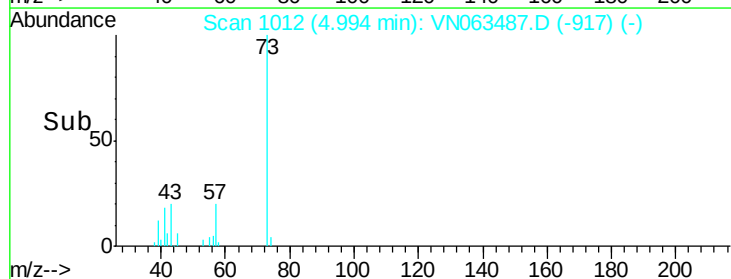
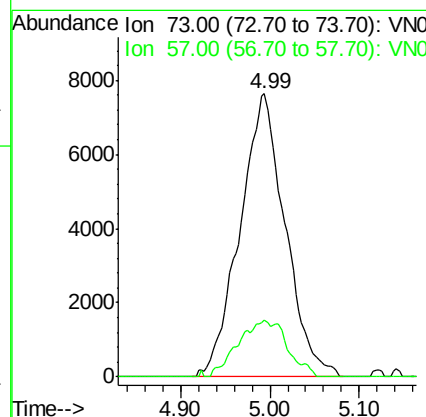
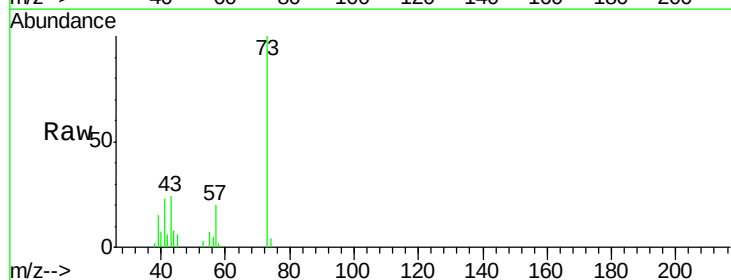
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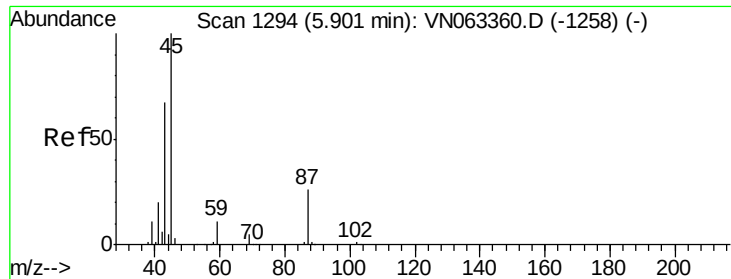
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#19
Methyl tert-butyl Ether
Concen: 2.367 ug/l
RT: 4.99 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VN063487.D
Acq: 21 Sep 2020 15:45

Tgt Ion: 73 Resp: 26939
Ion Ratio Lower Upper
73 100
57 20.0 17.9 26.9





#22

Diisopropyl ether

Concen: 0.604 ug/l m

RT: 5.91 min Scan# 1296

Delta R.T. 0.01 min

Lab File: VN063487.D

Acq: 21 Sep 2020 15:45

Instrument :

MSVOA_N

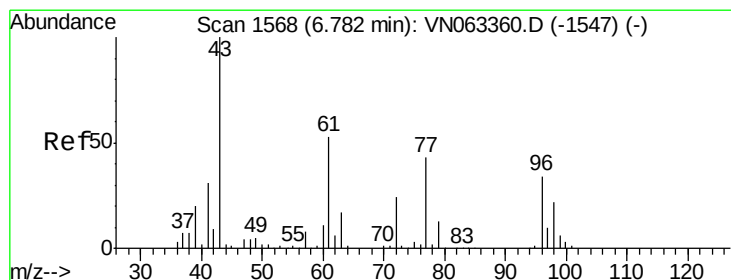
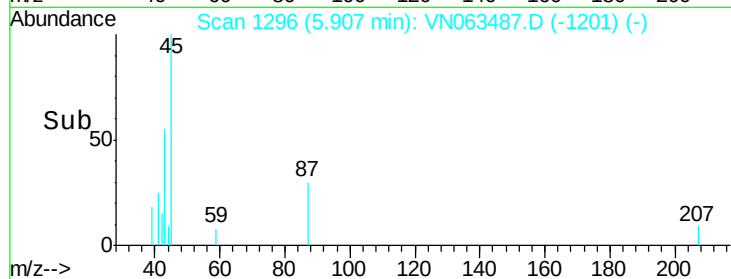
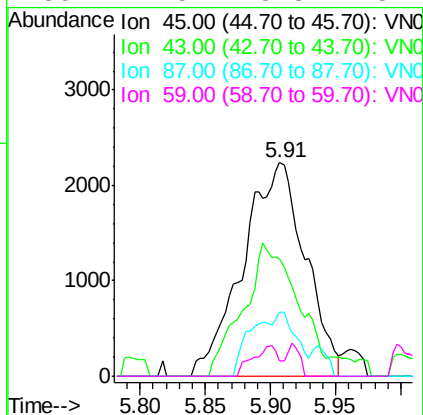
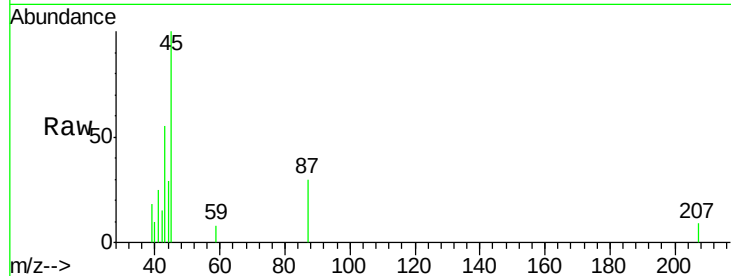
ClientSampled :

229

Tot Ion	45	Resp	7445
Ion	Ratio	Lower	Upper
45	100		
43	55.2	53.5	80.3
87	30.0	21.2	31.8
59	7.5	8.8	13.2#

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#25

2-Butanone

Concen: 6.830 ug/l

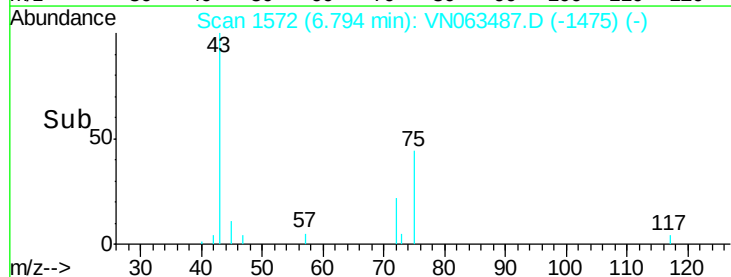
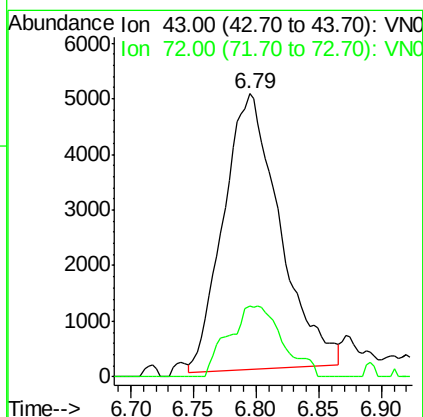
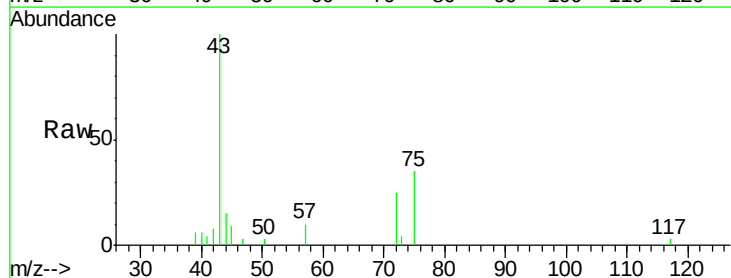
RT: 6.79 min Scan# 1572

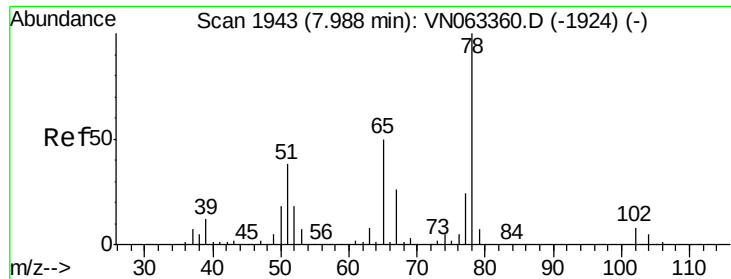
Delta R.T. 0.01 min

Lab File: VN063487.D

Acq: 21 Sep 2020 15:45

Tgt Ion	43	Resp	15549
Ion	Ratio	Lower	Upper
43	100		
72	26.3	19.2	28.8





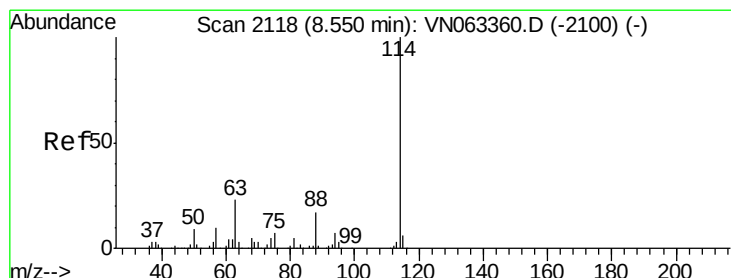
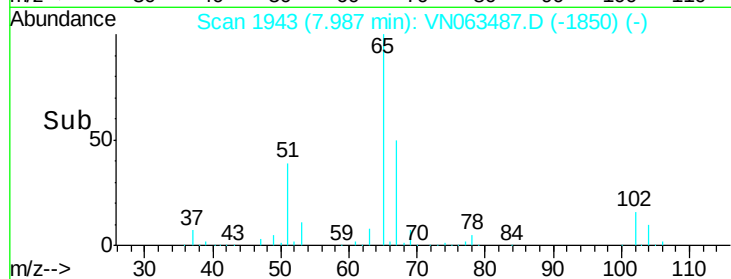
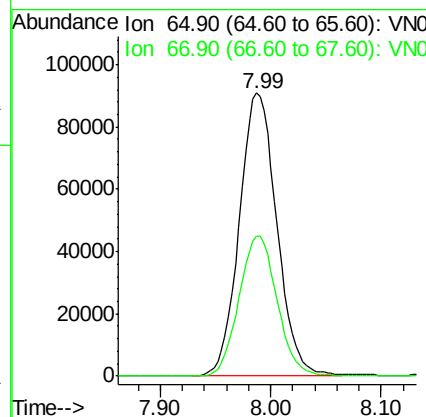
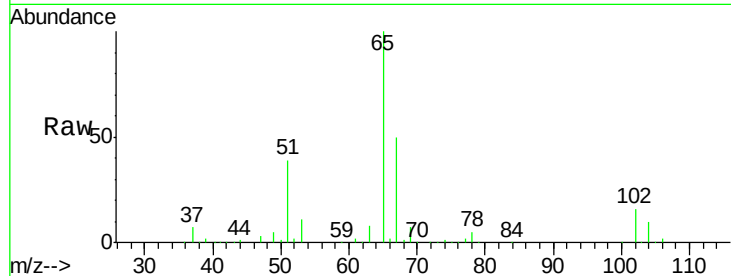
#33
 1,2-Dichloroethane-d4
 Concen: 46.512 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN063487.D
 Acq: 21 Sep 2020 15:45

Instrument :
 MSVOA_N
 ClientSampled :
 229

Tot Ion	Ratio	Resp	Lower	Upper
65	100	214235		
67	50.1	0.0	104.2	

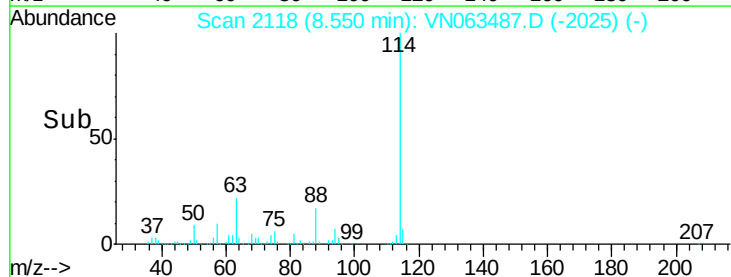
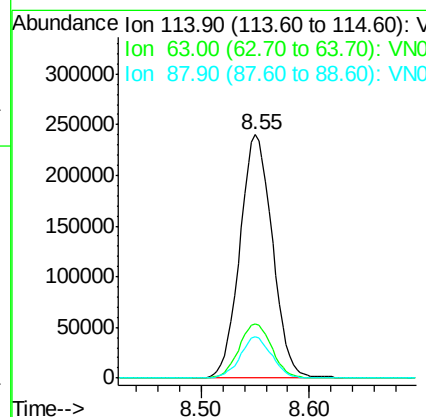
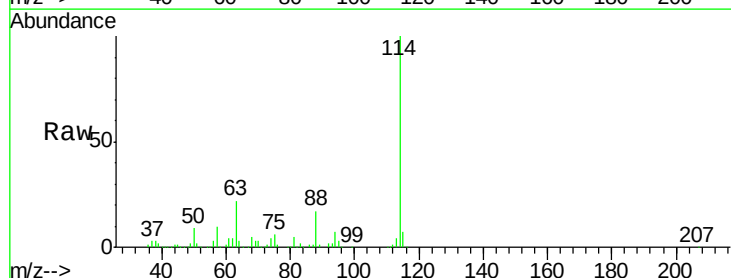
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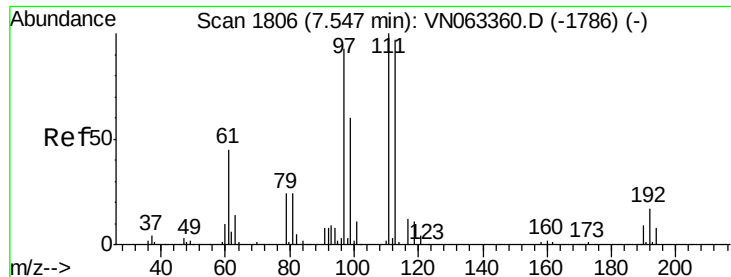
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063487.D
 Acq: 21 Sep 2020 15:45

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	505676		
63	22.4	0.0	46.4	
88	16.9	0.0	33.2	





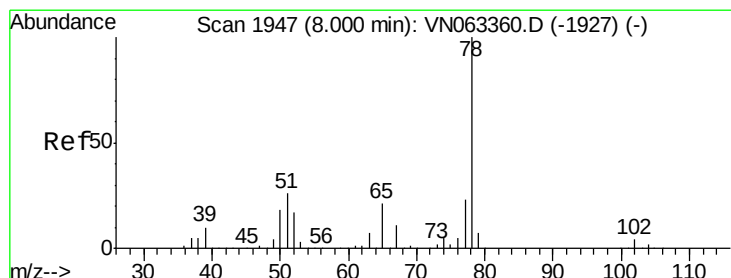
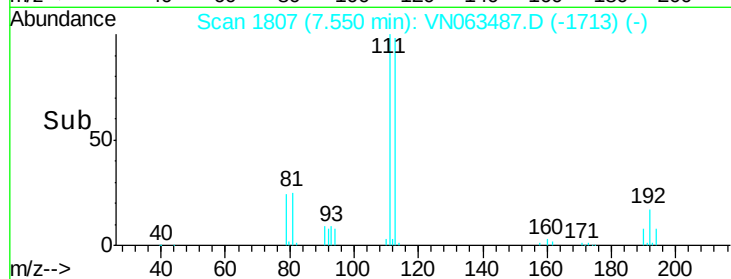
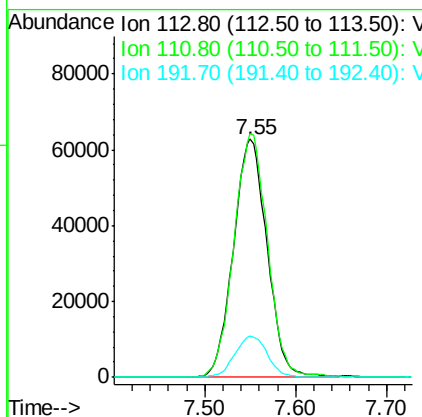
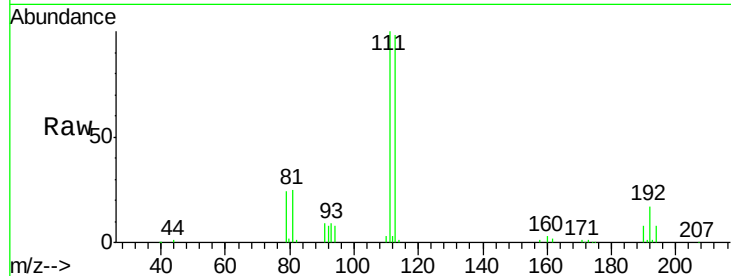
#35
Dibromofluoromethane
Concen: 46.178 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN063487.D
Acq: 21 Sep 2020 15:45

Instrument :
MSVOA_N
ClientSampled :
229

Tot Ion	Ratio	Resp	Lower	Upper
113	100	161656		
111	101.7	82.9	124.3	
192	16.9	13.9	20.9	

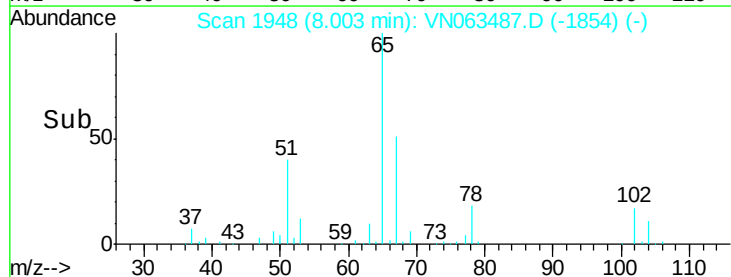
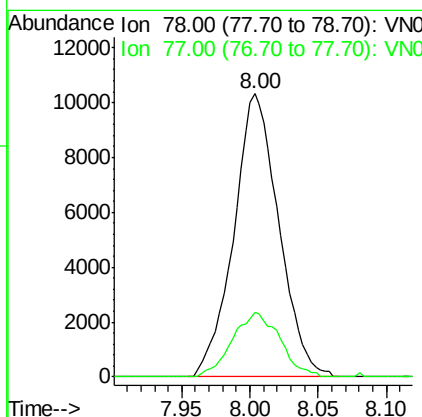
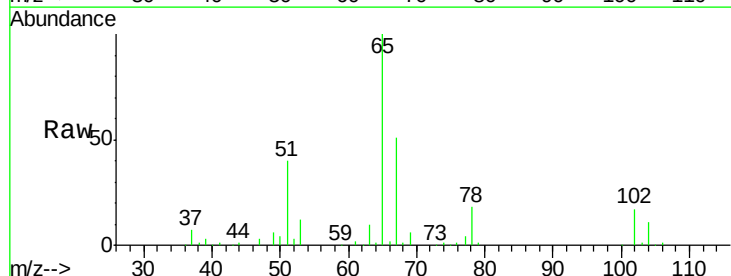
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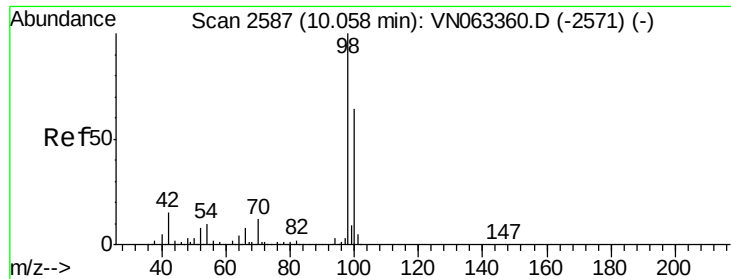
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#40
Benzene
Concen: 1.539 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063487.D
Acq: 21 Sep 2020 15:45

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	23671		
77	22.6	18.3	27.5	





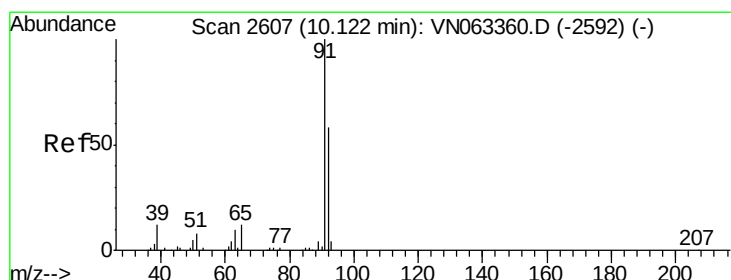
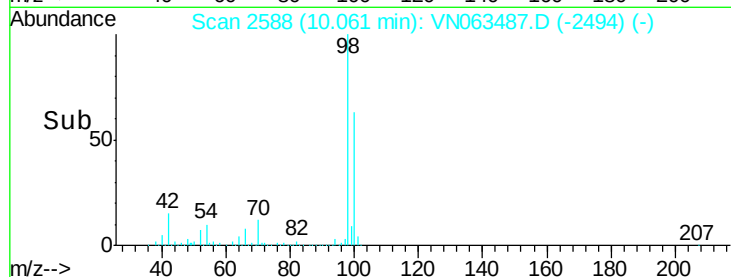
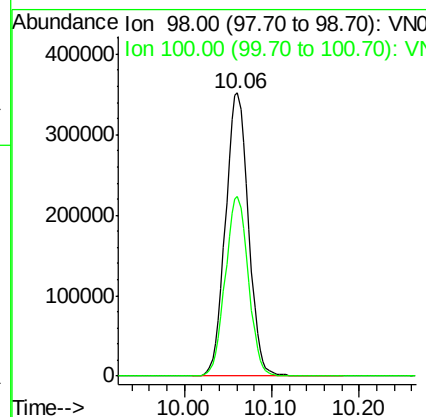
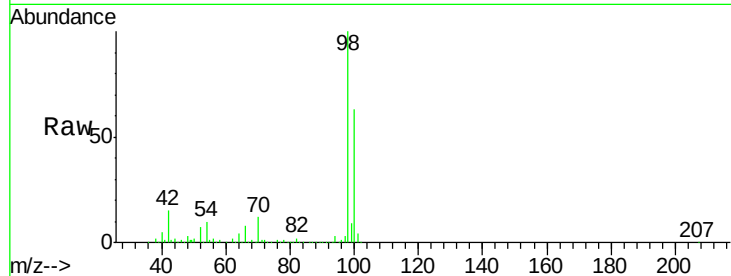
#50
Toluene-d8
Concen: 48.902 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN063487.D
Acq: 21 Sep 2020 15:45

Instrument :
MSVOA_N
ClientSampled :
229

Tot Ion: 98 Resp: 643702
Ion Ratio Lower Upper
98 100
100 63.8 50.7 76.1

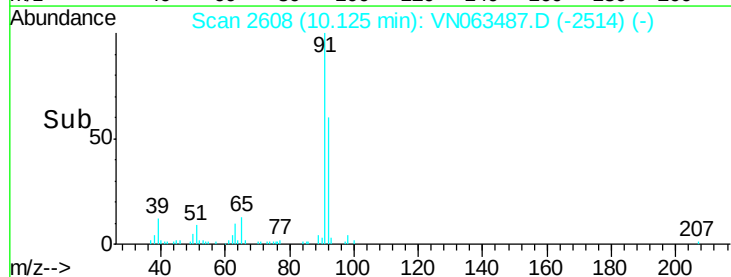
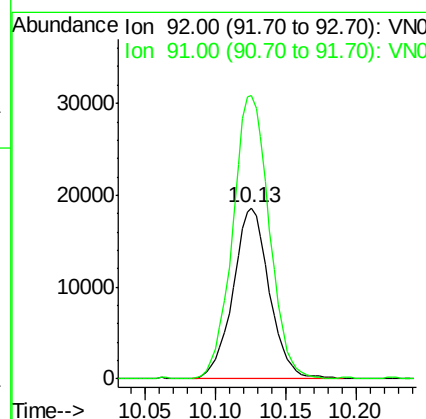
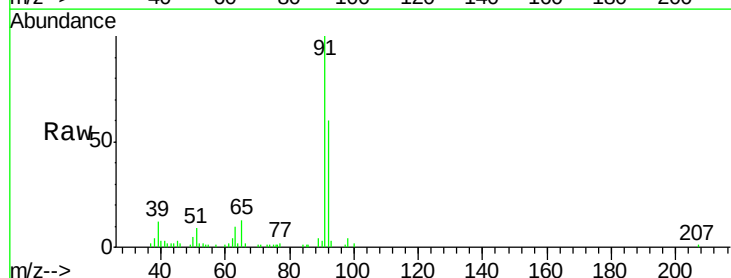
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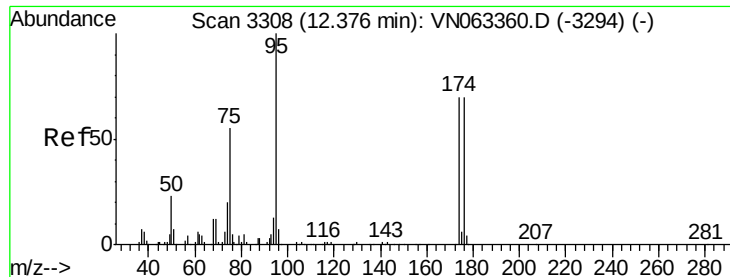
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#52
Toluene
Concen: 3.618 ug/l
RT: 10.13 min Scan# 2608
Delta R.T. 0.00 min
Lab File: VN063487.D
Acq: 21 Sep 2020 15:45

Tgt Ion: 92 Resp: 33450
Ion Ratio Lower Upper
92 100
91 167.4 139.7 209.5





#62

4-Bromofluorobenzene

Concen: 53.873 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063487.D

Acq: 21 Sep 2020 15:45

Instrument :

MSVOA_N

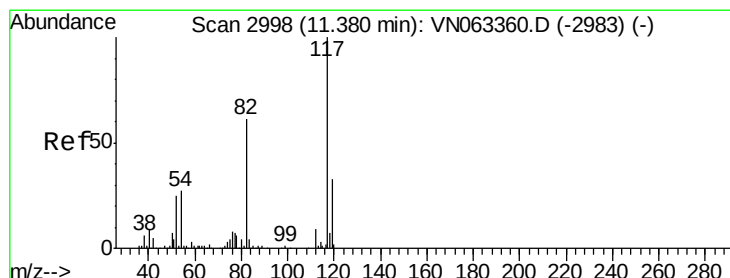
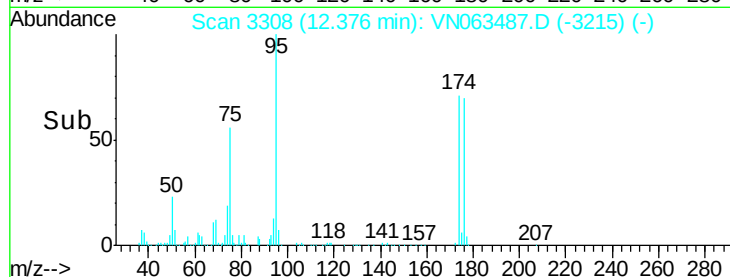
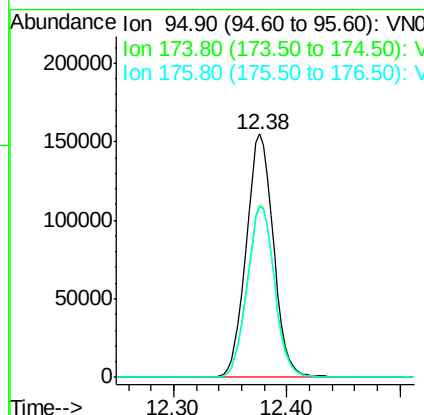
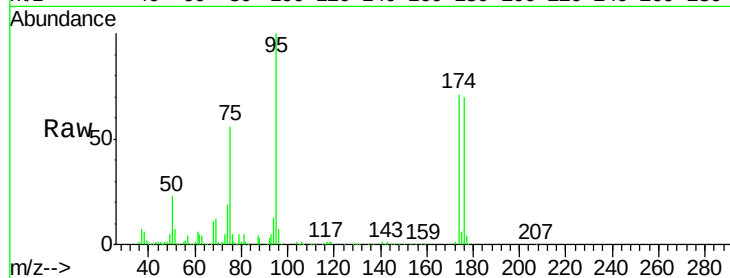
ClientSampled :

229

Tot Ion:	95	Resp:	259961
Ion Ratio	Lower	Upper	
95	100		
174	71.5	0.0	140.8
176	70.1	0.0	137.6

Manual Integrations
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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

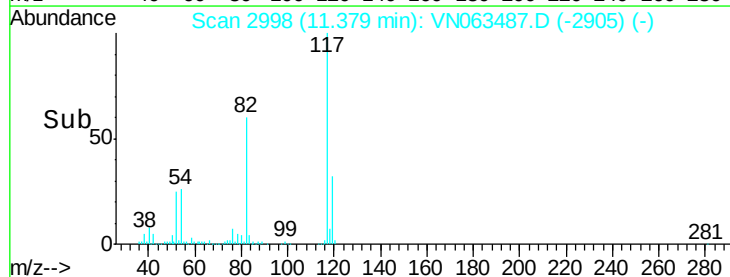
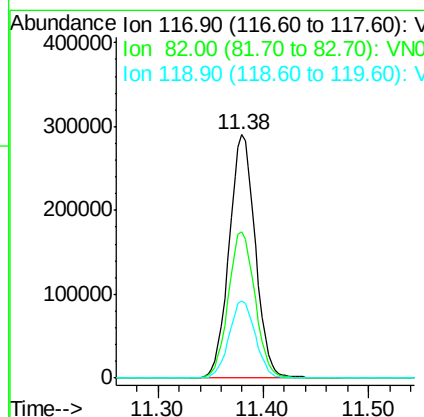
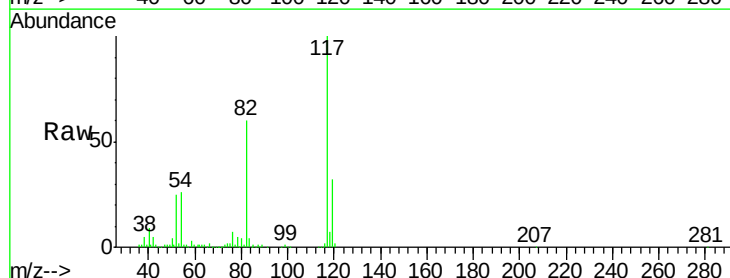
RT: 11.38 min Scan# 2998

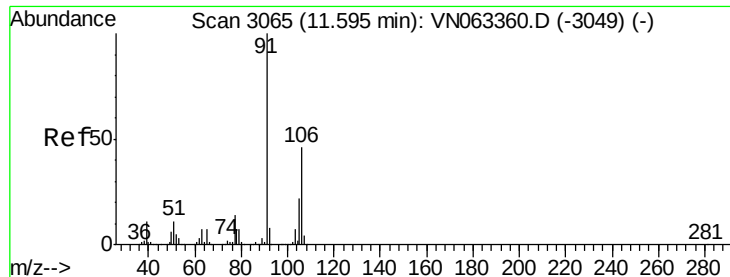
Delta R.T. -0.00 min

Lab File: VN063487.D

Acq: 21 Sep 2020 15:45

Tgt Ion:	117	Resp:	497611
Ion Ratio	Lower	Upper	
117	100		
82	60.0	49.2	73.8
119	31.8	26.2	39.4





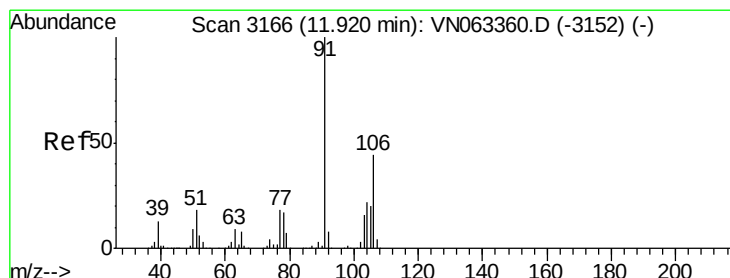
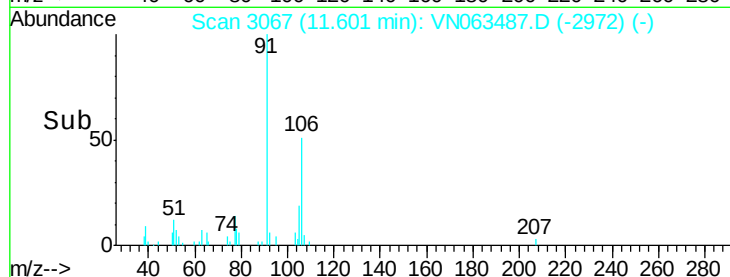
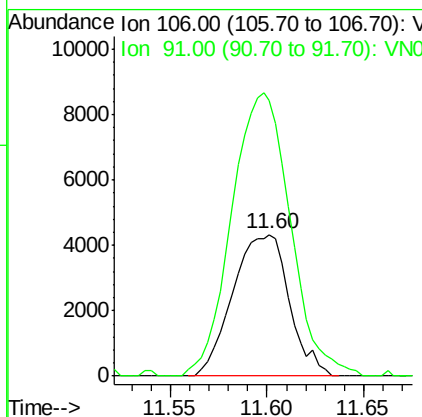
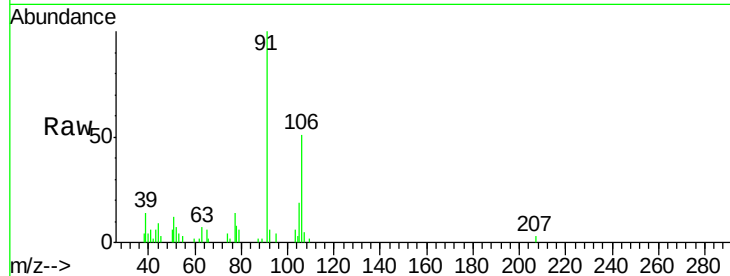
#68
m/p-Xylenes
Concen: 1.222 ug/l
RT: 11.60 min Scan# 3067
Delta R.T. 0.01 min
Lab File: VN063487.D
Acq: 21 Sep 2020 15:45

Instrument :
MSVOA_N
ClientSampled :
229

Tot Ion:106 Resp: 8763
Ion Ratio Lower Upper
106 100
91 208.6 171.2 256.8

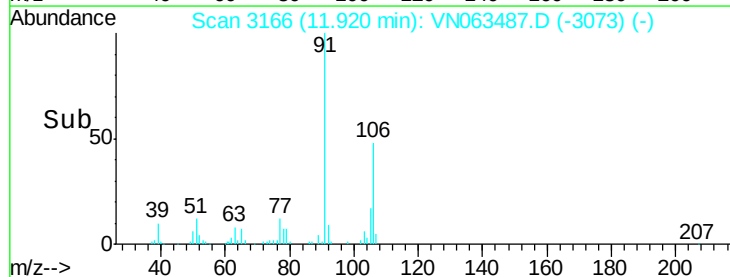
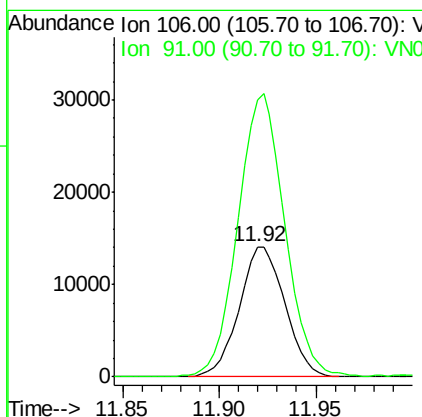
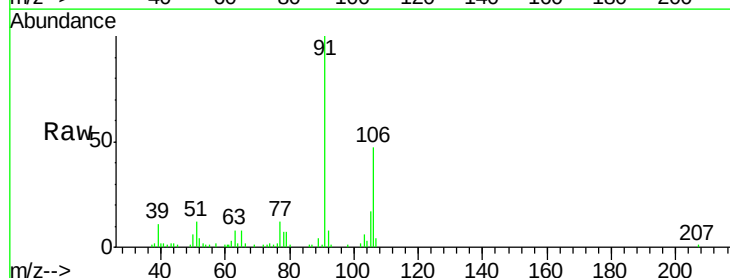
Manual Integrations
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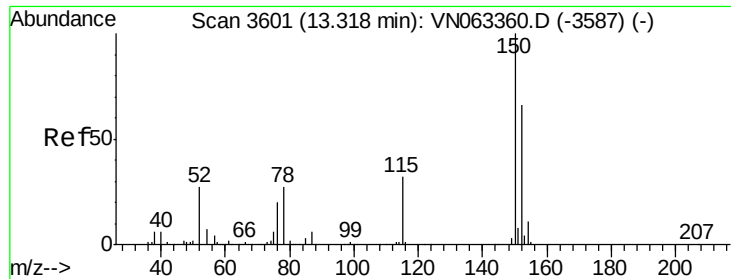
MMDadoda
9/22/2020 2:07:07 PM



#69
o-Xylene
Concen: 3.373 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN063487.D
Acq: 21 Sep 2020 15:45

Tgt Ion:106 Resp: 23046
Ion Ratio Lower Upper
106 100
91 224.1 113.6 340.8





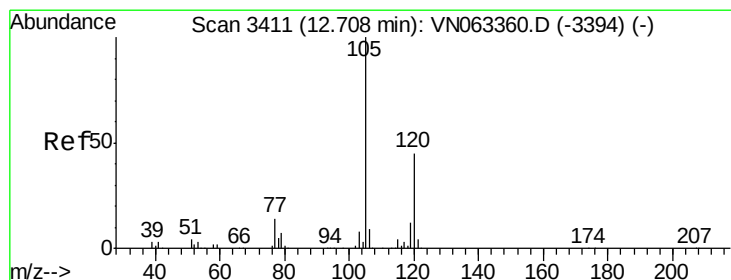
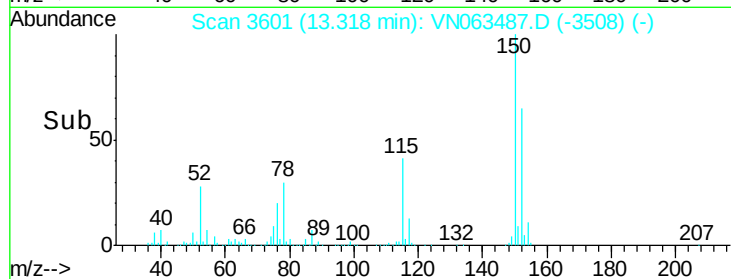
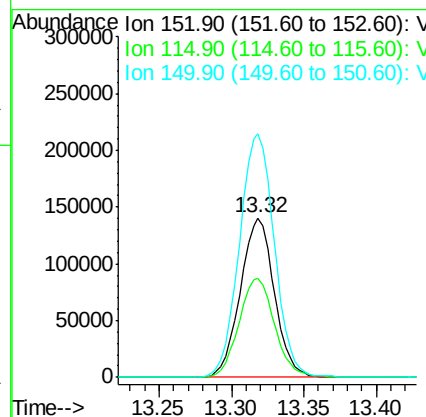
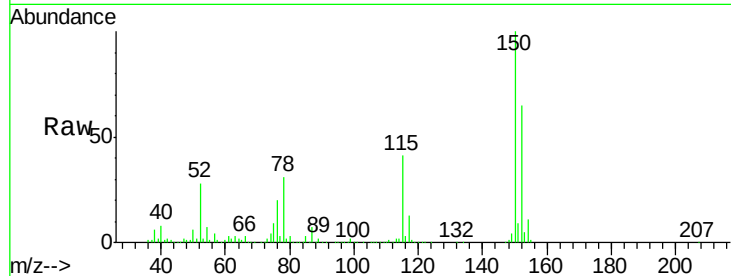
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.32 min Scan# 3601
 Delta R.T. -0.00 min
 Lab File: VN063487.D
 Acq: 21 Sep 2020 15:45

Instrument :
 MSVOA_N
 ClientSampled :
 229

Tot Ion	Ratio	Resp	Lower	Upper
152	100	228695		
115	65.4	32.2	96.6	
150	157.2	0.0	343.4	

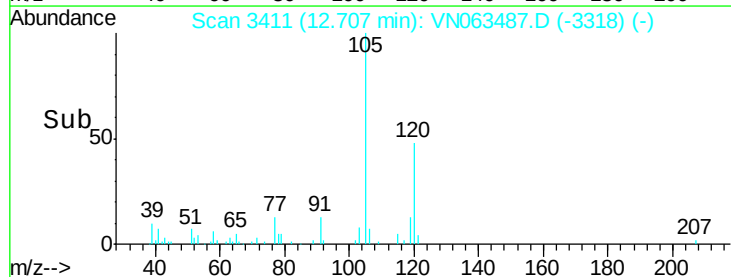
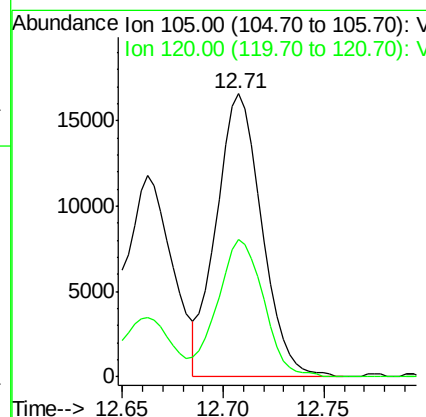
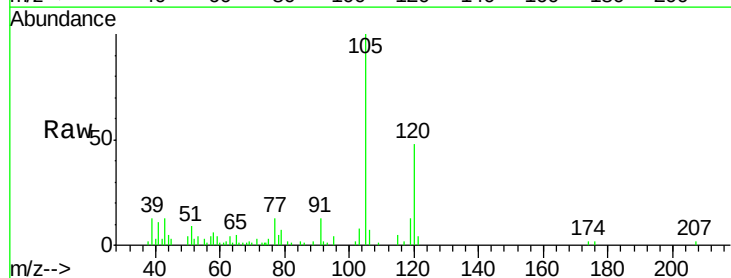
Manual Integrations
 APPROVED

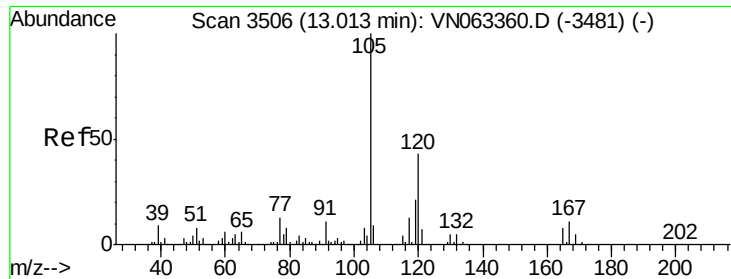
MMDadoda
 9/22/2020 2:07:07 PM



#80
 1,3,5-Trimethylbenzene
 Concen: 1.710 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. -0.00 min
 Lab File: VN063487.D
 Acq: 21 Sep 2020 15:45

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	26128		
120	49.4	22.9	68.8	





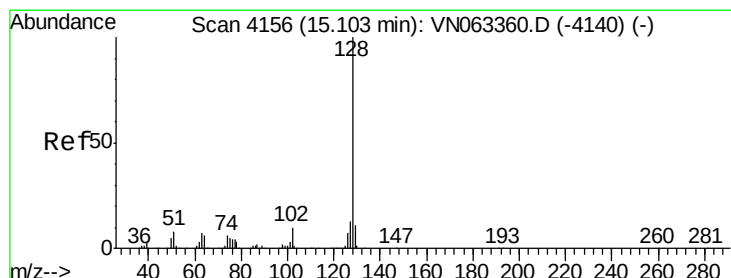
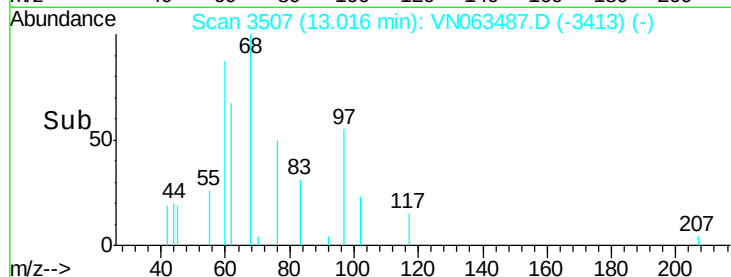
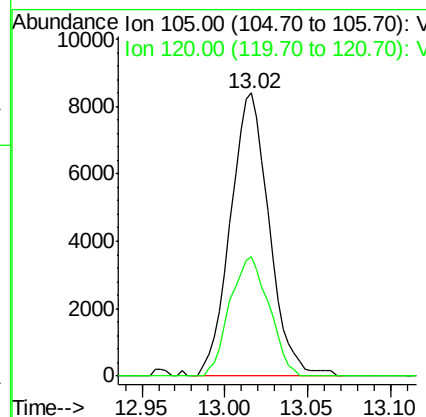
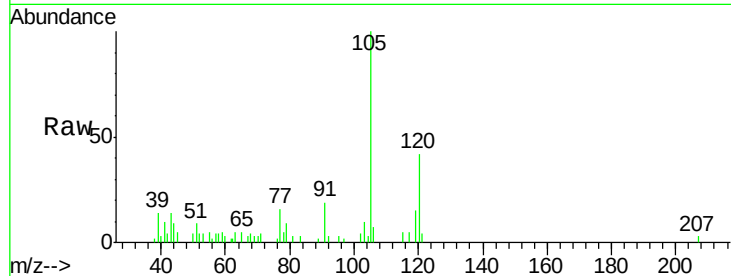
#84
 1,2,4-Trimethylbenzene
 Concen: 0.885 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. 0.00 min
 Lab File: VN063487.D
 Acq: 21 Sep 2020 15:45

Instrument :
 MSVOA_N
 ClientSampleId :
 229

Tot Ion	Ratio	Lower	Upper
105	100		
120	42.5	21.3	63.9

Manual Integrations
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MMDadoda
 9/22/2020 2:07:07 PM



#95
 Naphthalene
 Concen: 2.503 ug/l
 RT: 15.10 min Scan# 4156
 Delta R.T. -0.00 min
 Lab File: VN063487.D
 Acq: 21 Sep 2020 15:45

Tgt Ion	Ratio	Lower	Upper
128	100		
127	15.5	10.6	15.8
129	13.9	8.8	13.2#

