

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070120\
 Data File : VN062333.D
 Acq On : 2 Jul 2020 9:34
 Operator : JC/MD
 Sample : L3171-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RECLAIM-SYSTEM

Quant Time: Jul 02 11:17:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	195797	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	408676	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	405236	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	152850	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	165797	60.34	ug/l	0.00
Spiked Amount			Recovery	=	120.68%	
35) Dibromofluoromethane	7.55	113	131896	50.31	ug/l	0.00
Spiked Amount			Recovery	=	100.62%	
50) Toluene-d8	10.06	98	534064	50.96	ug/l	0.00
Spiked Amount			Recovery	=	101.92%	
62) 4-Bromofluorobenzene	12.38	95	173859	49.10	ug/l	0.00
Spiked Amount			Recovery	=	98.20%	

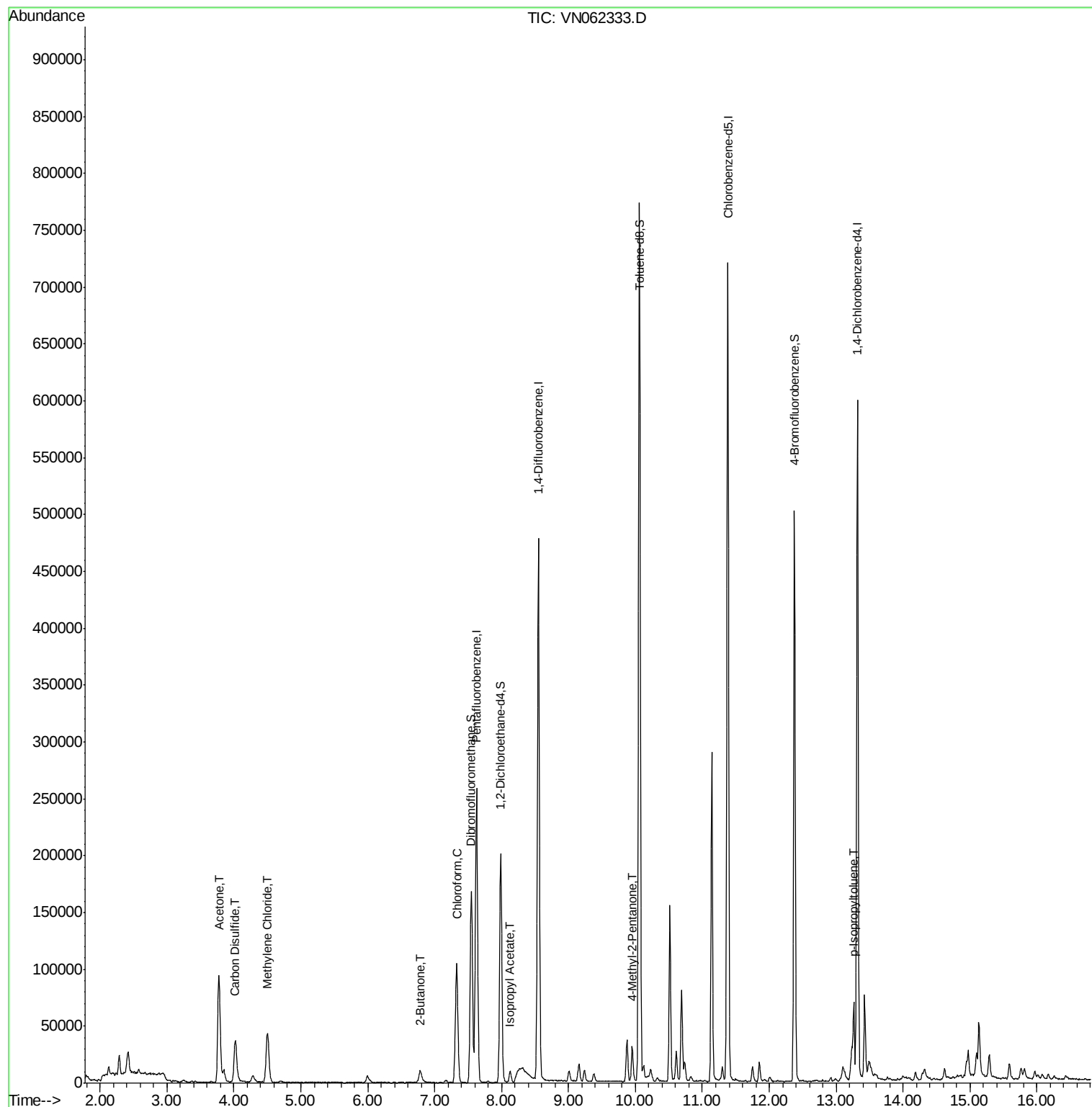
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.78	43	157473	181.475	ug/l	96
17) Carbon Disulfide	4.01	76	10457	1.673	ug/l	97
20) Methylene Chloride	4.50	84	33124	12.972	ug/l	99
25) 2-Butanone	6.80	43	13031	9.703	ug/l	98
30) Chloroform	7.33	83	109048	23.882	ug/l	99
43) Isopropyl Acetate	8.13	43	11098	2.001	ug/l #	92
51) 4-Methyl-2-Pentanone	9.95	43	19589	6.047	ug/l	99
86) p-Isopropyltoluene	13.26	119	36673	3.859	ug/l	91

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 24 15:33:00 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062333.D

Acq: 2 Jul 2020 9:34

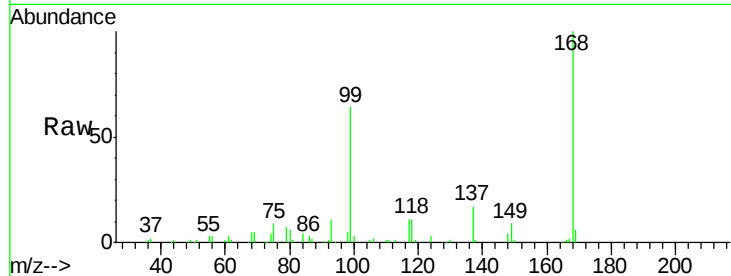
Instrument :
MSVOA_N
ClientSampleId :
RECLAIM-SYSTEM

Tot Ion:168 Resp: 195797

Ion Ratio Lower Upper

168 100

99 64.2 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

80000

60000

40000

20000

0

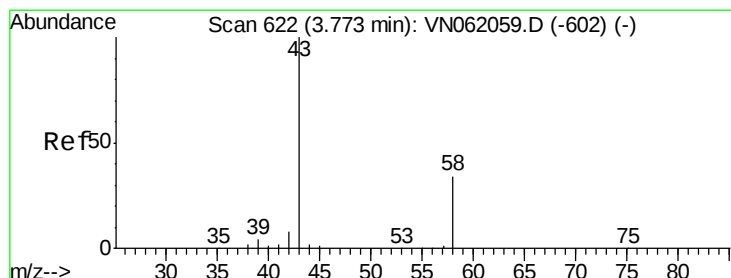
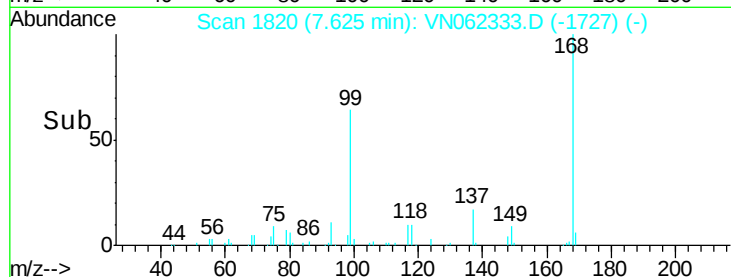
Time-->

7.50

7.60

7.70

7.80



#16

Acetone

Concen: 181.475 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN062333.D

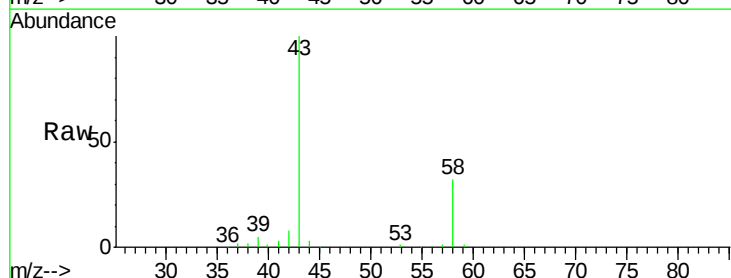
Acq: 2 Jul 2020 9:34

Tgt Ion: 43 Resp: 157473

Ion Ratio Lower Upper

43 100

58 32.2 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.78

60000

40000

20000

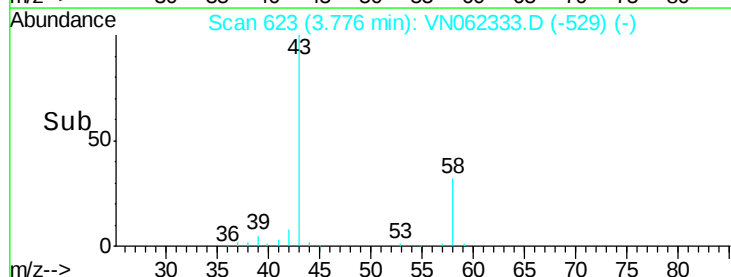
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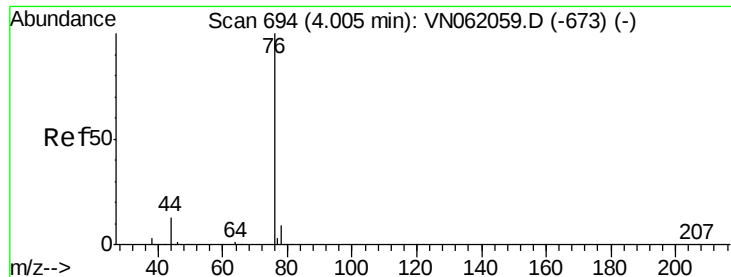
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3.70

3.80

3.90

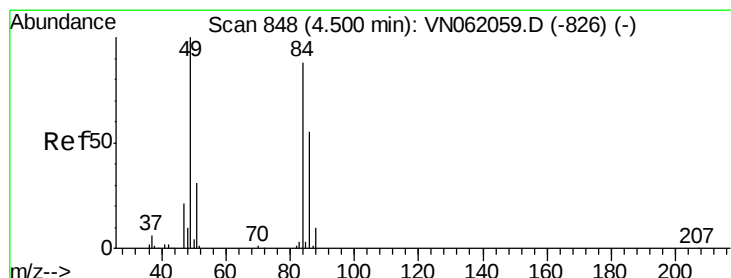
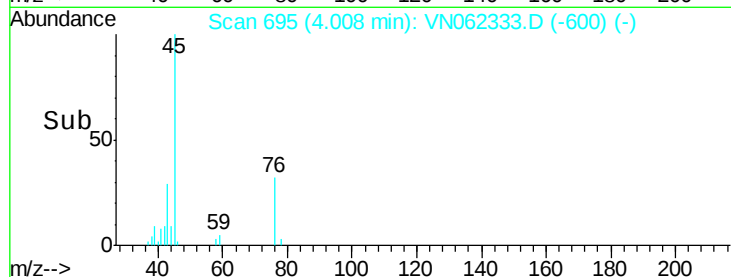
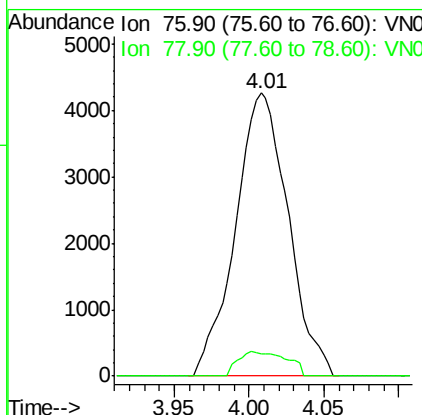
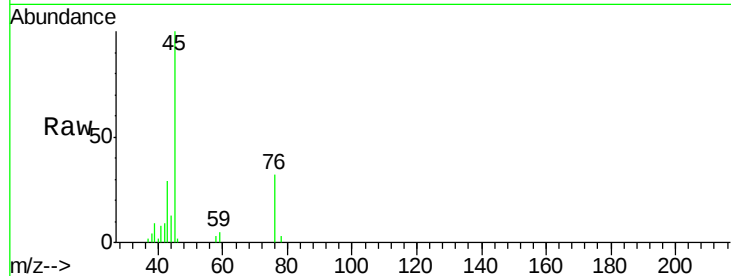




#17
Carbon Disulfide
Concen: 1.673 ug/l
RT: 4.01 min Scan# 695
Delta R.T. 0.00 min
Lab File: VN062333.D
Acq: 2 Jul 2020 9:34

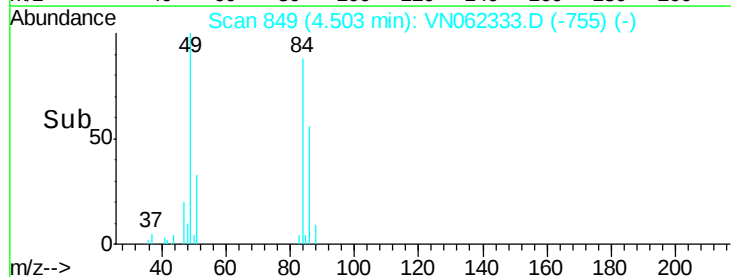
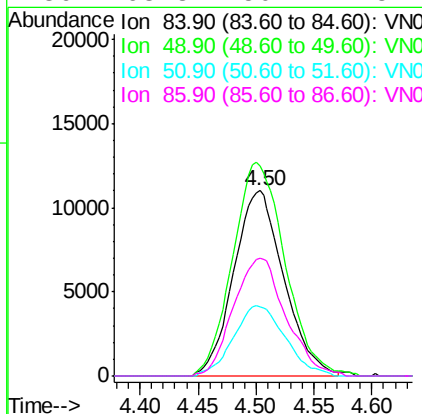
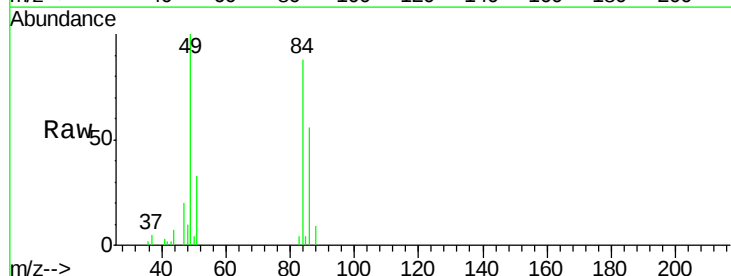
Instrument :
MSVOA_N
ClientSampleId :
RECLAIM-SYSTEM

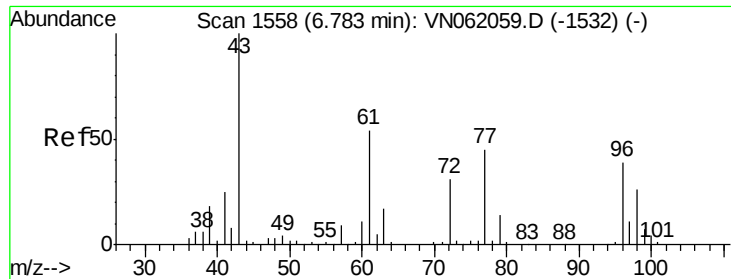
Tot Ion: 76 Resp: 10457
Ion Ratio Lower Upper
76 100
78 8.0 7.2 10.8



#20
Methylene Chloride
Concen: 12.972 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.00 min
Lab File: VN062333.D
Acq: 2 Jul 2020 9:34

Tgt Ion: 84 Resp: 33124
Ion Ratio Lower Upper
84 100
49 113.4 90.6 136.0
51 37.1 27.8 41.8
86 63.3 50.1 75.1

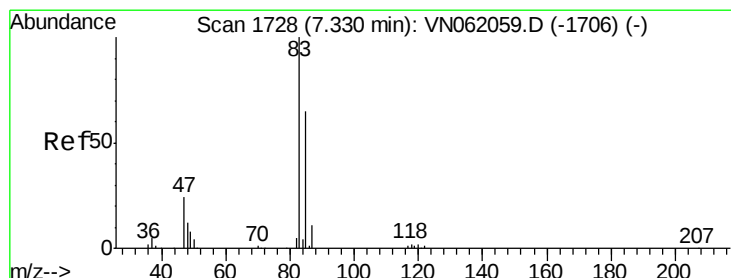
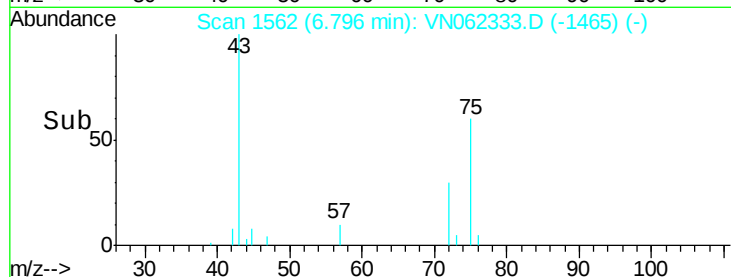
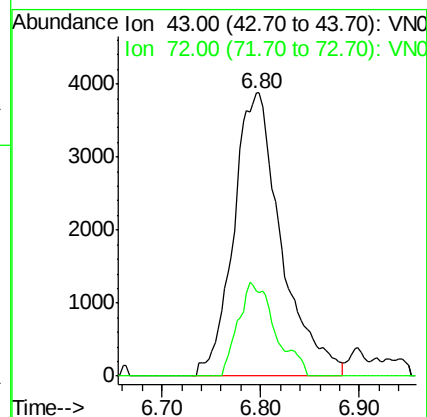
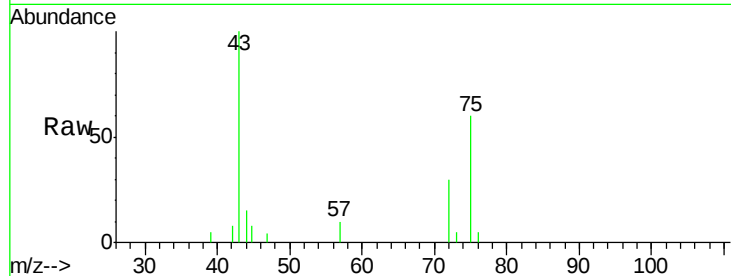




#25
2-Butanone
Concen: 9.703 ug/l
RT: 6.80 min Scan# 1562
Delta R.T. 0.01 min
Lab File: VN062333.D
Acq: 2 Jul 2020 9:34

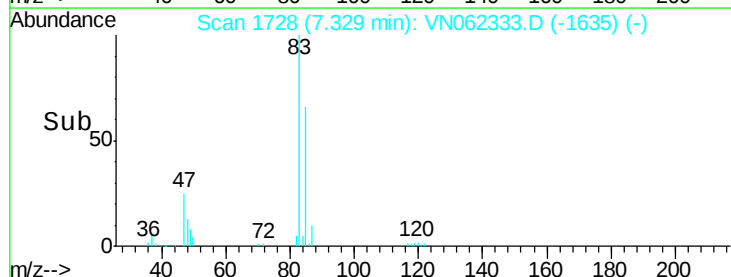
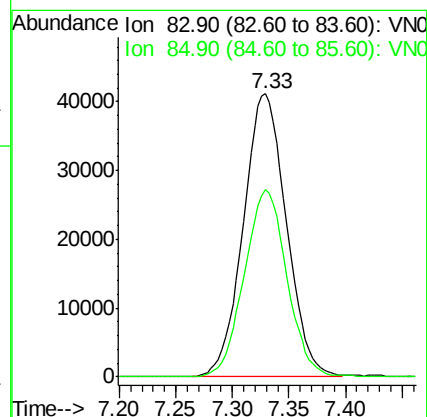
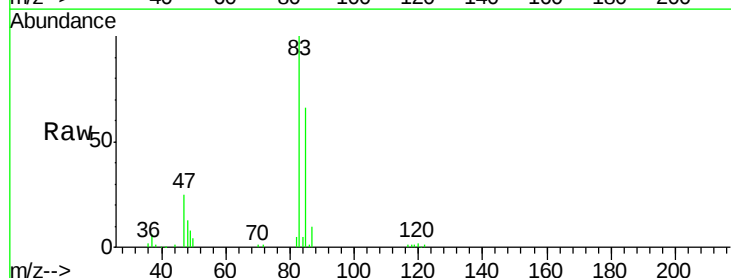
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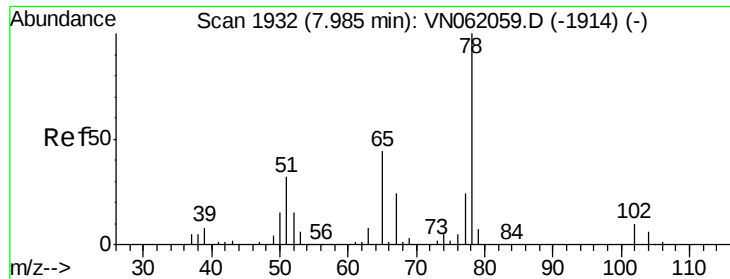
Tot Ion: 43 Resp: 13031
Ion Ratio Lower Upper
43 100
72 30.0 24.8 37.2



#30
Chloroform
Concen: 23.882 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. -0.00 min
Lab File: VN062333.D
Acq: 2 Jul 2020 9:34

Tgt Ion: 83 Resp: 109048
Ion Ratio Lower Upper
83 100
85 66.0 52.3 78.5

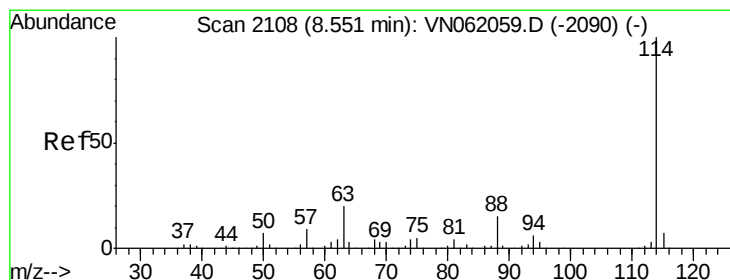
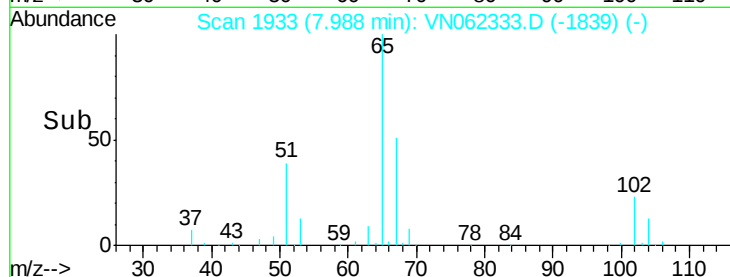
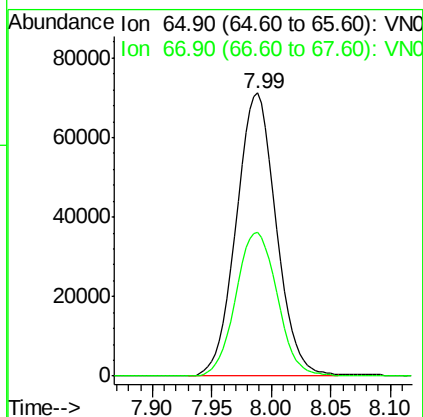
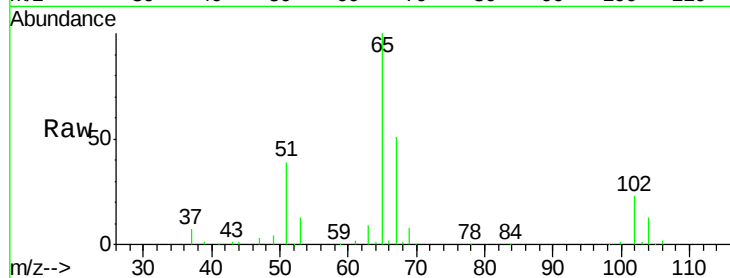




#33
 1,2-Dichloroethane-d4
 Concen: 60.341 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN062333.D
 Acq: 2 Jul 2020 9:34

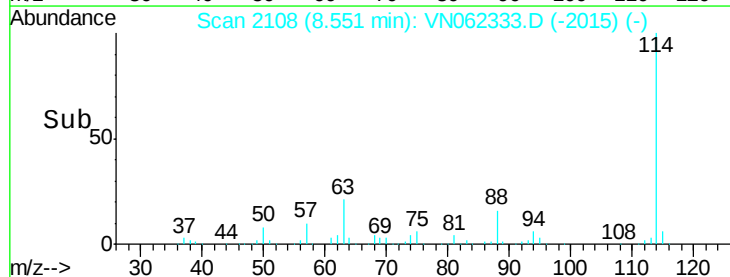
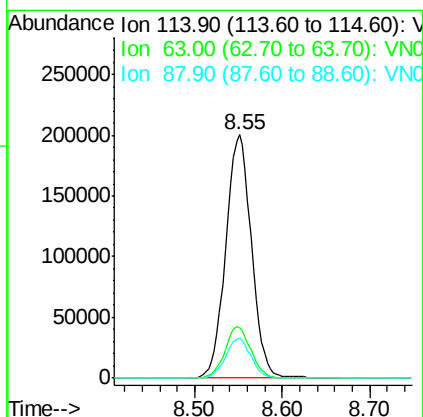
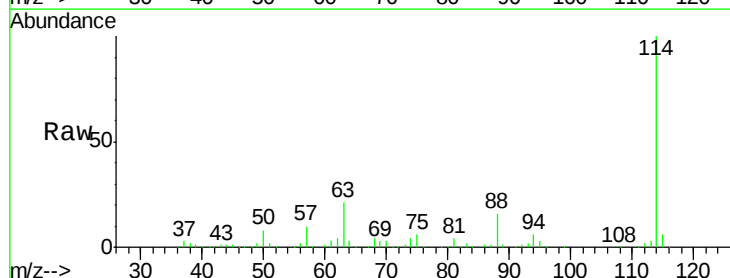
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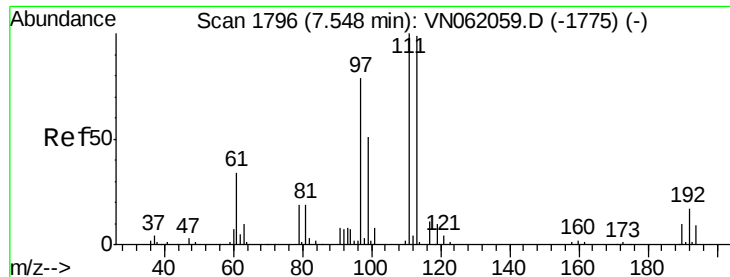
Tot Ion: 65 Resp: 165797
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062333.D
 Acq: 2 Jul 2020 9:34

Tgt Ion: 114 Resp: 408676
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 39.2
 88 16.4 0.0 30.8

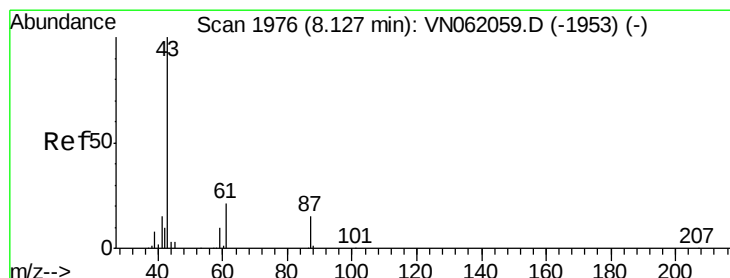
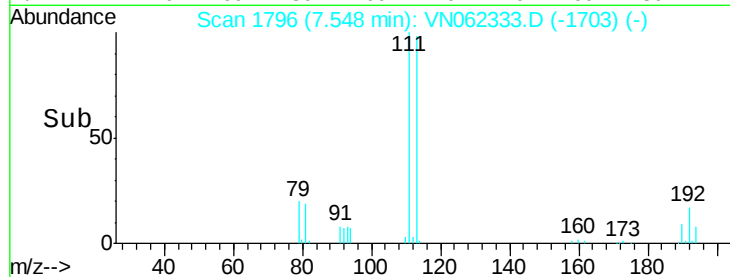
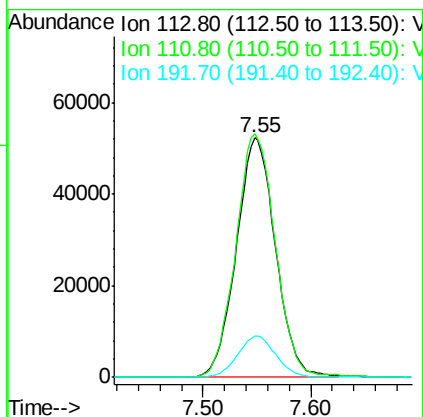
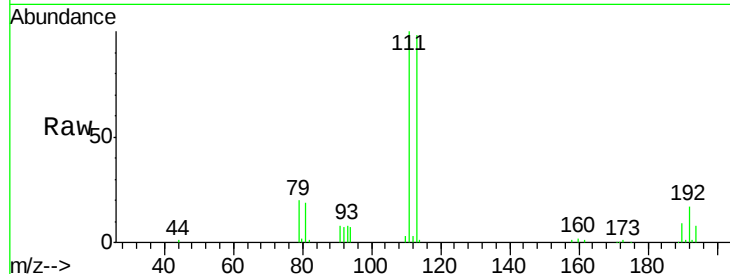




#35
 Dibromofluoromethane
 Concen: 50.306 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062333.D
 Acq: 2 Jul 2020 9:34

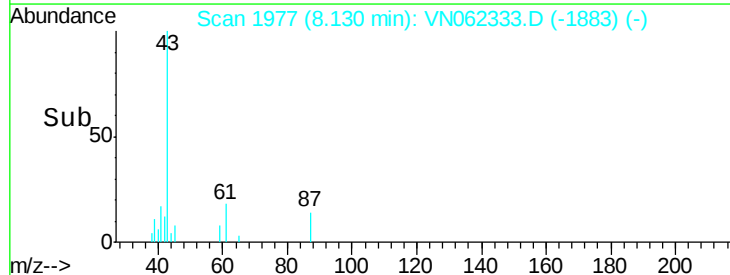
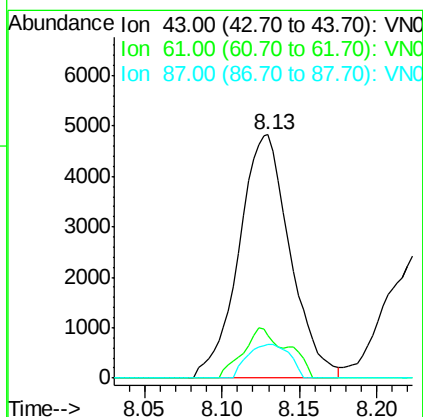
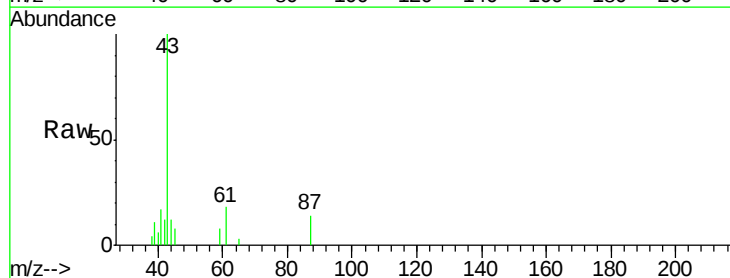
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 ClientSampleId :
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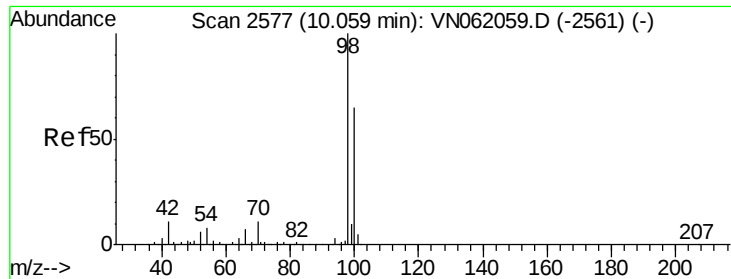
Tot Ion:113 Resp: 131896
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.2 123.4
 192 16.9 14.0 21.0



#43
 Isopropyl Acetate
 Concen: 2.001 ug/l
 RT: 8.13 min Scan# 1977
 Delta R.T. 0.00 min
 Lab File: VN062333.D
 Acq: 2 Jul 2020 9:34

Tgt Ion: 43 Resp: 11098
 Ion Ratio Lower Upper
 43 100
 61 17.9 17.2 25.8
 87 11.5 12.1 18.1#

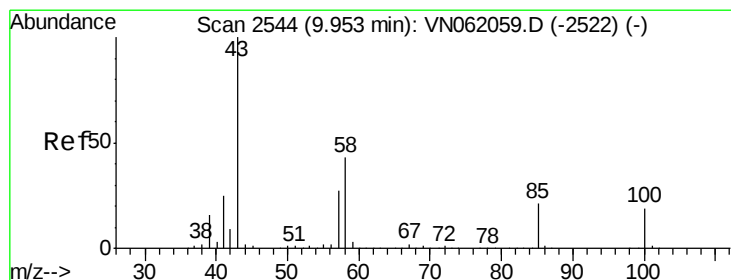
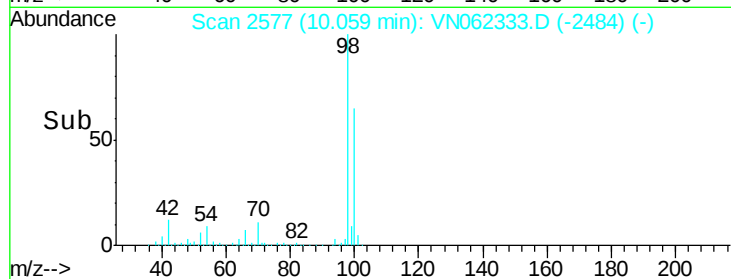
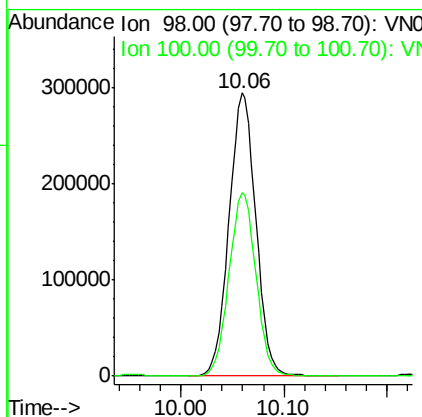
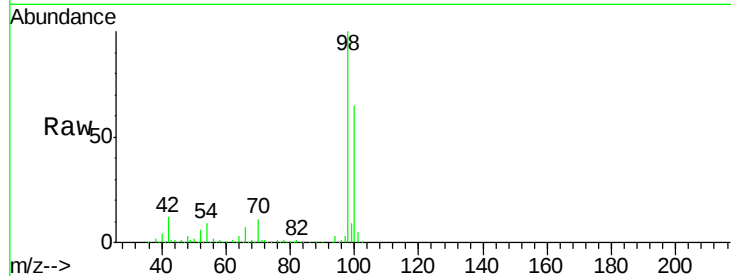




#50
Toluene-d8
Concen: 50.958 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062333.D
Acq: 2 Jul 2020 9:34

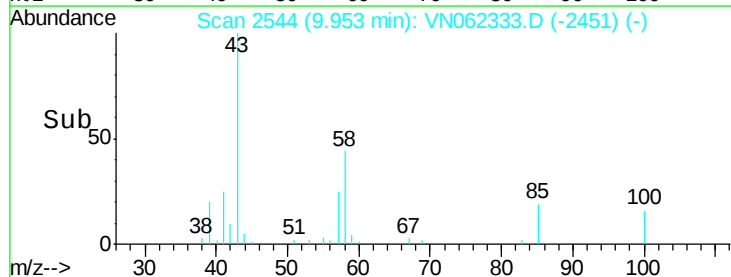
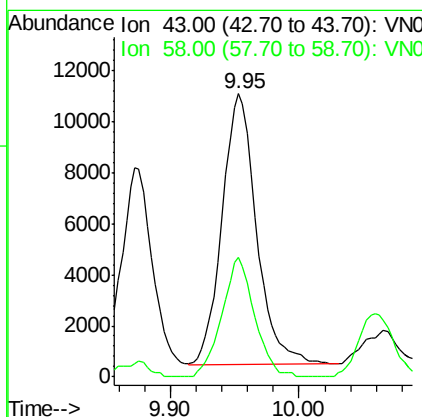
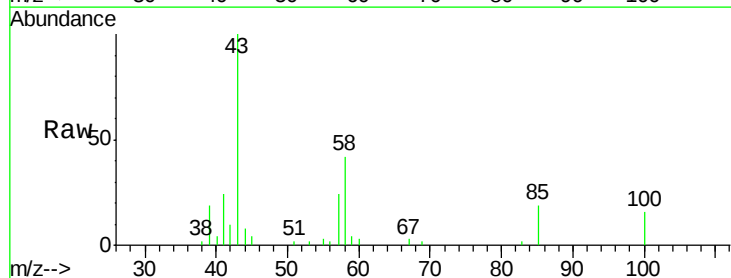
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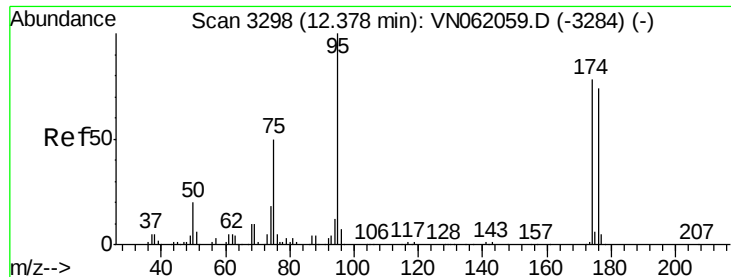
Tot Ion: 98 Resp: 534064
Ion Ratio Lower Upper
98 100
100 65.2 51.2 76.8



#51
4-Methyl-2-Pentanone
Concen: 6.047 ug/l
RT: 9.95 min Scan# 2544
Delta R.T. -0.00 min
Lab File: VN062333.D
Acq: 2 Jul 2020 9:34

Tgt Ion: 43 Resp: 19589
Ion Ratio Lower Upper
43 100
58 41.8 34.2 51.2

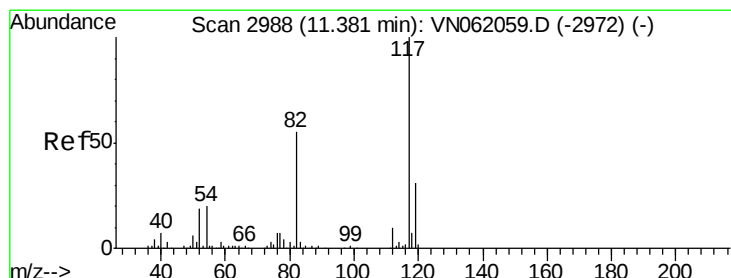
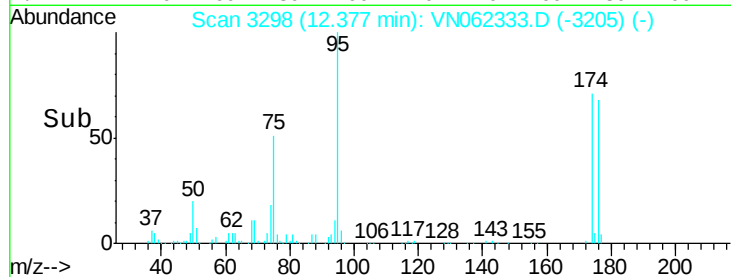
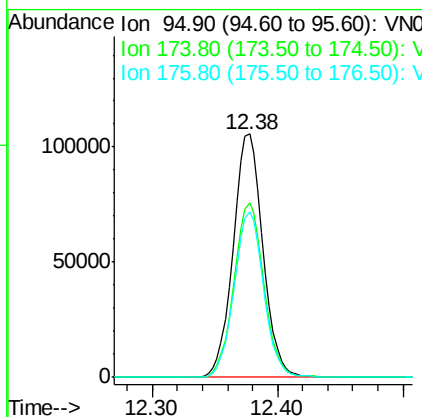
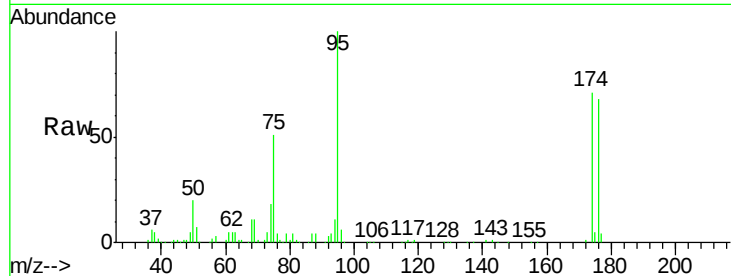




#62
4-Bromofluorobenzene
Concen: 49.100 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VN062333.D
Acq: 2 Jul 2020 9:34

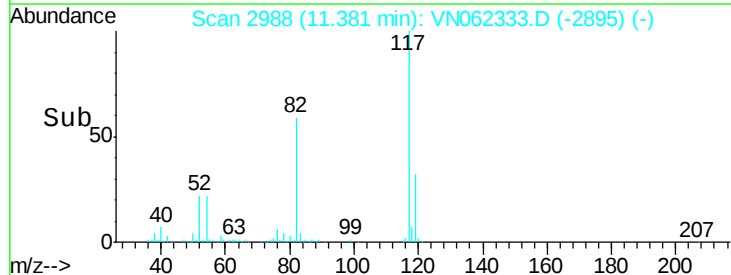
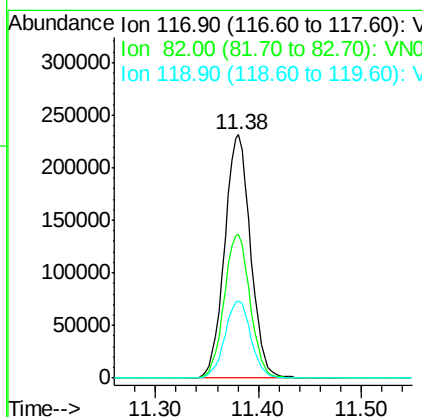
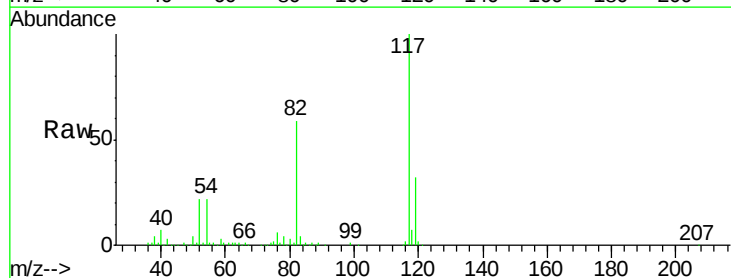
Instrument :
MSVOA_N
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RECLAIM-SYSTEM

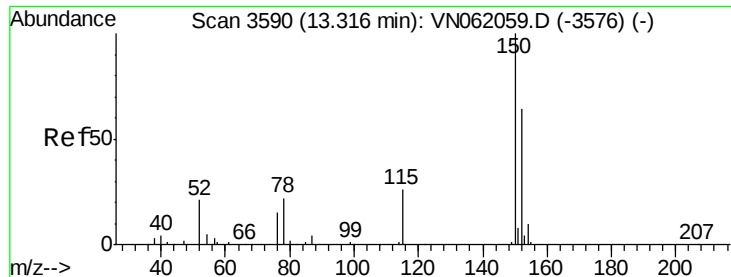
Tot Ion	95	Resp	173859
Ion Ratio	Lower	Upper	
95	100		
174	72.2	0.0	154.8
176	67.7	0.0	147.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062333.D
Acq: 2 Jul 2020 9:34

Tgt Ion	117	Resp	405236
Ion Ratio	Lower	Upper	
117	100		
82	59.0	43.8	65.8
119	31.9	25.2	37.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062333.D

Acq: 2 Jul 2020 9:34

Instrument :

MSVOA_N

ClientSampleId :

RECLAIM-SYSTEM

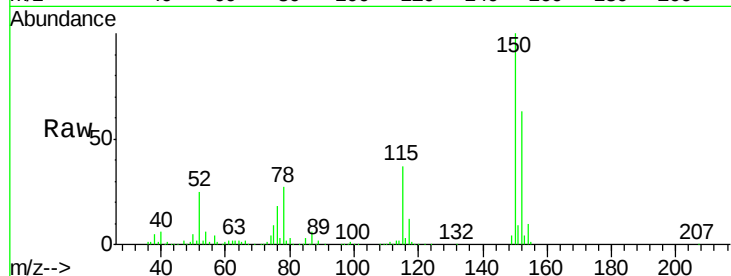
Tot Ion:152 Resp: 152850

Ion Ratio Lower Upper

152 100

115 60.5 29.5 88.5

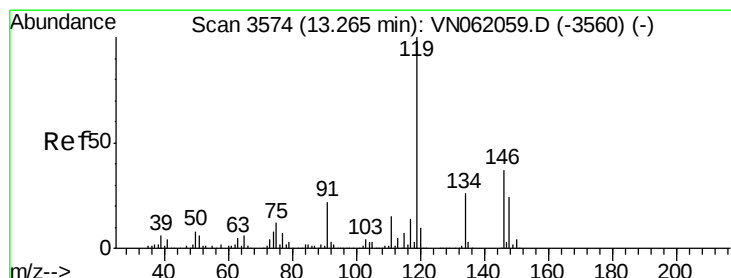
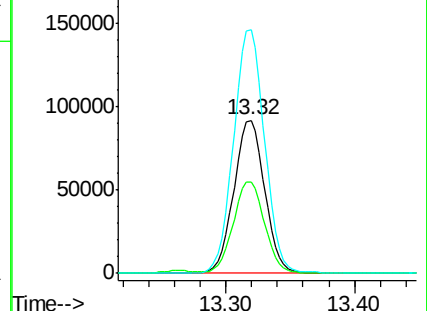
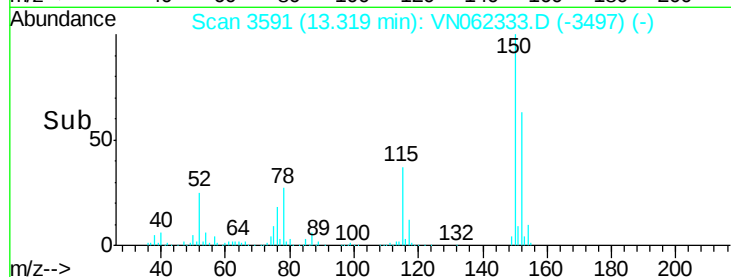
150 160.2 0.0 351.4



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



#86

p-Isopropyltoluene

Concen: 3.859 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062333.D

Acq: 2 Jul 2020 9:34

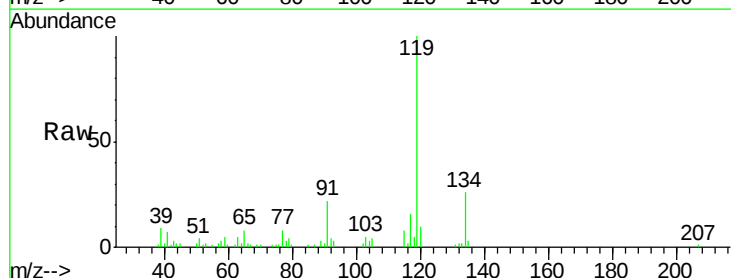
Tgt Ion:119 Resp: 36673

Ion Ratio Lower Upper

119 100

134 25.8 13.0 39.0

91 31.3 11.3 33.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

