

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082520\
 Data File : VN063115.D
 Acq On : 25 Aug 2020 15:21
 Operator : JC/MD
 Sample : L3787-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1574

Manual Integrations
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MMDadoda
 8/26/2020 11:26:44 AM

Quant Time: Aug 26 06:36:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 06:09:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	136838	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	228665	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	234319	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	104098	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	89254	55.03	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	110.06%	
35) Dibromofluoromethane	7.55	113	75759	50.85	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.70%	
50) Toluene-d8	10.06	98	291488	50.93	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.86%	
62) 4-Bromofluorobenzene	12.38	95	110661	54.79	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	109.58%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.79	59	11591m	50.457	ug/l	
16) Acetone	3.78	43	1848514	3709.386	ug/l	98
17) Carbon Disulfide	3.98	76	12083	3.972	ug/l	97
18) Methyl Acetate	4.28	43	37122	23.033	ug/l	99
25) 2-Butanone	6.80	43	72107	83.747	ug/l	95
40) Benzene	8.00	78	3877	0.607	ug/l #	90
51) 4-Methyl-2-Pentanone	9.96	43	10589	5.355	ug/l	88
59) 2-Hexanone	10.73	43	6523	4.730	ug/l	90
67) Ethyl Benzene	11.49	91	10308	1.296	ug/l	100
95) Naphthalene	15.11	128	7011	7.140	ug/l	95

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

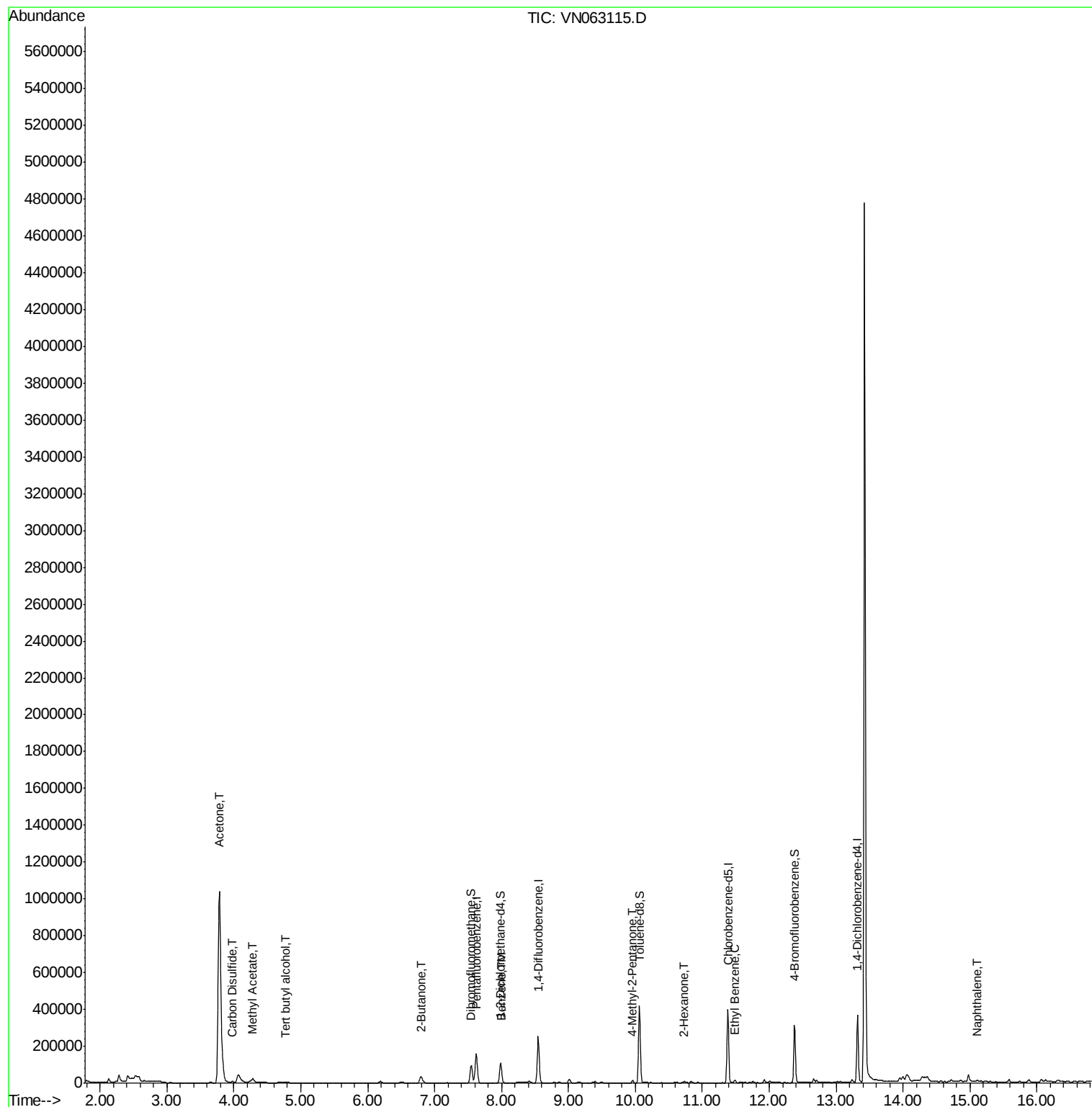
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082520\
Data File : VN063115.D
Acq On : 25 Aug 2020 15:21
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Instrument :
MSVOA_N
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1574

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Quant Time: Aug 26 06:36:11 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081820W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 19 06:09:27 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN063115.D

Acq: 25 Aug 2020 15:21

Instrument :

MSVOA_N

ClientSampled :

1574

Tot Ion:168 Resp: 136838

Ion Ratio Lower Upper

168 100

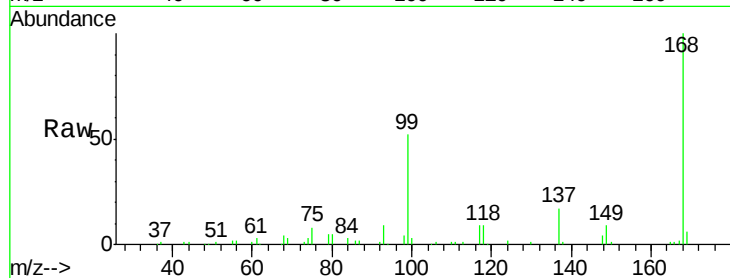
99 52.1 42.0 63.0

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

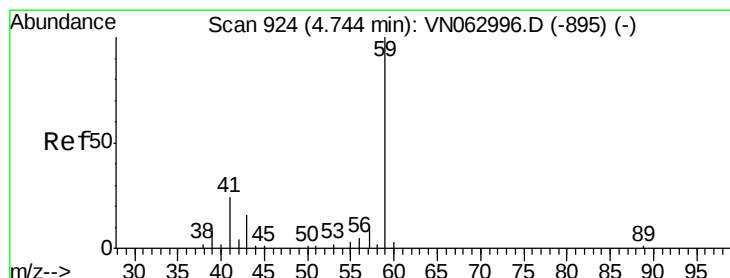
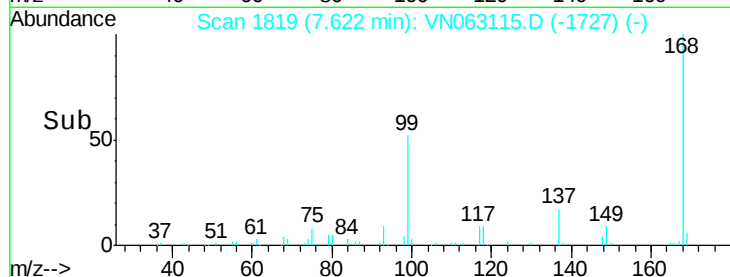
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#11

Tert butyl alcohol

Concen: 50.457 ug/l m

RT: 4.79 min Scan# 937

Delta R.T. 0.04 min

Lab File: VN063115.D

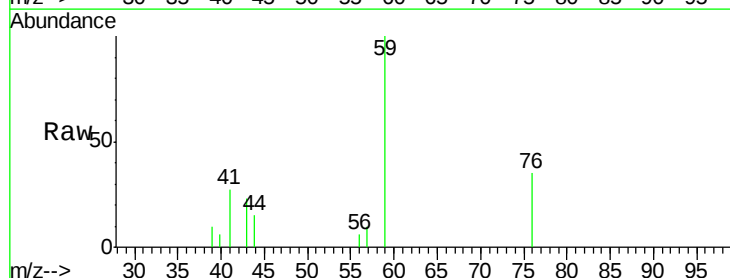
Acq: 25 Aug 2020 15:21

Tgt Ion: 59 Resp: 11591

Ion Ratio Lower Upper

59 100

57 2.3 7.8 11.6#



Abundance Ion 59.00 (58.70 to 59.70): VN

Ion 57.00 (56.70 to 57.70): VN

4.79

3000

2500

2000

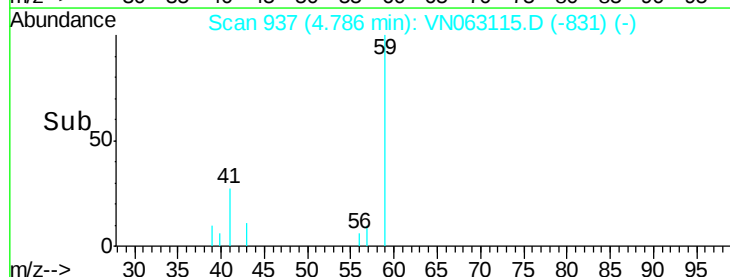
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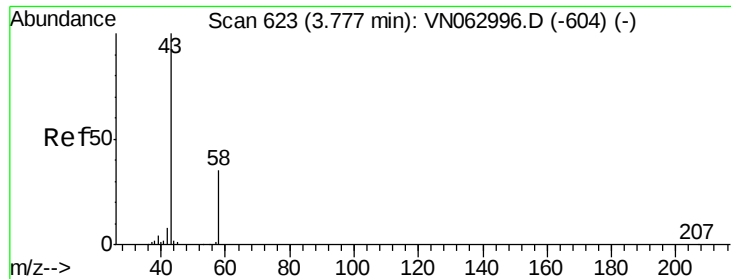
1000

500

0

Time--> 4.70 4.75 4.80 4.85 4.90





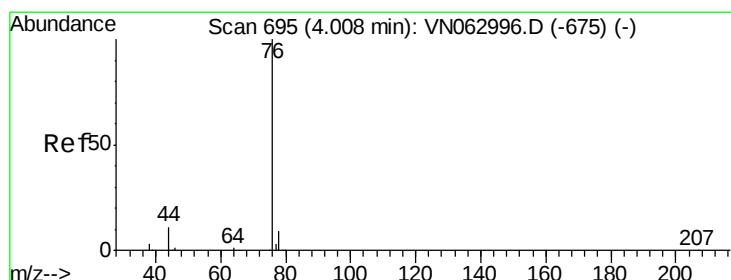
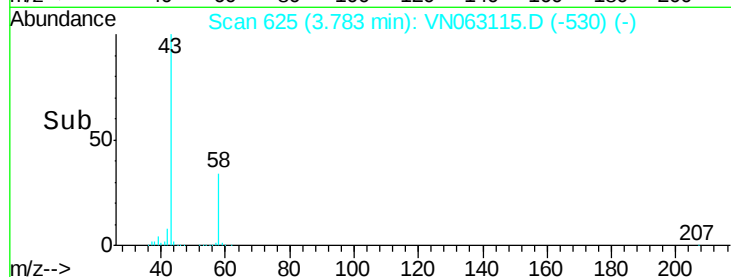
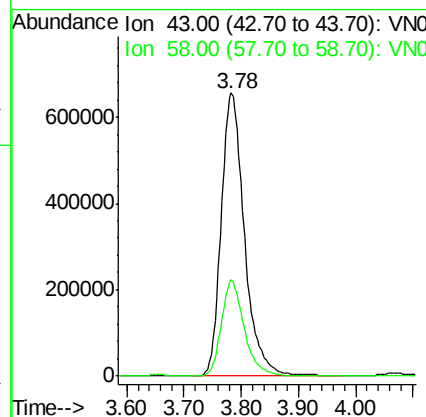
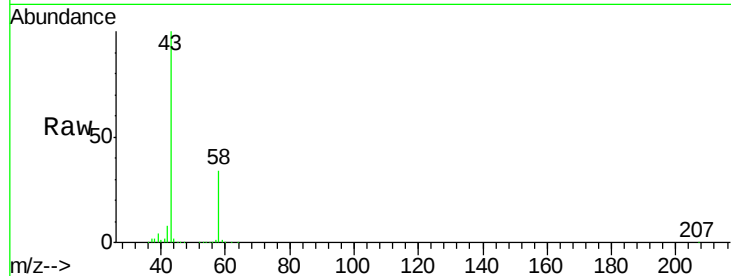
#16
Acetone
Concen: 3709.386 ug/l
RT: 3.78 min Scan# 625
Delta R.T. 0.01 min
Lab File: VN063115.D
Acq: 25 Aug 2020 15:21

Instrument :
MSVOA_N
ClientSampled :
1574

Tot Ion: 43 Resp: 1848514
Ion Ratio Lower Upper
43 100
58 33.8 27.8 41.6

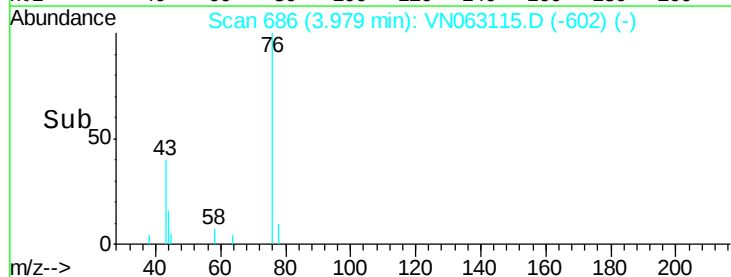
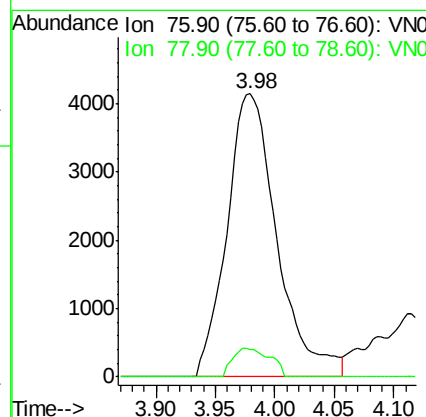
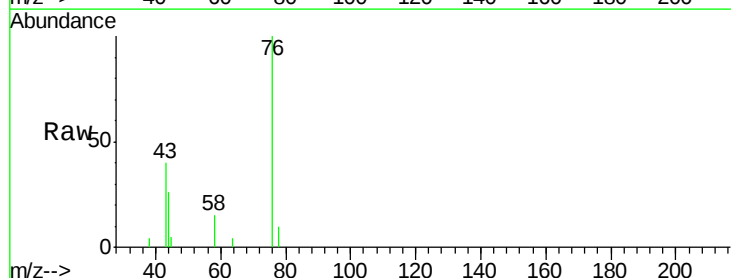
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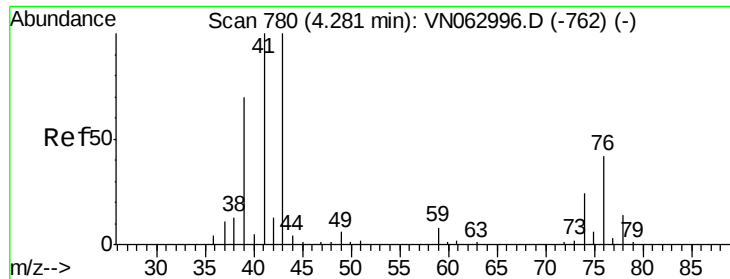
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#17
Carbon Disulfide
Concen: 3.972 ug/l
RT: 3.98 min Scan# 686
Delta R.T. -0.03 min
Lab File: VN063115.D
Acq: 25 Aug 2020 15:21

Tgt Ion: 76 Resp: 12083
Ion Ratio Lower Upper
76 100
78 9.8 6.9 10.3





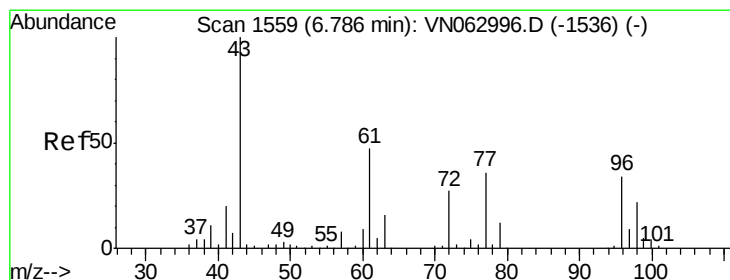
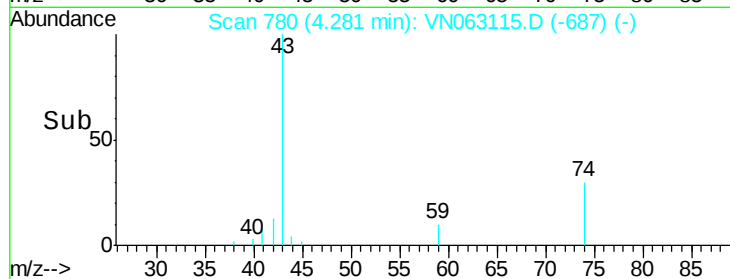
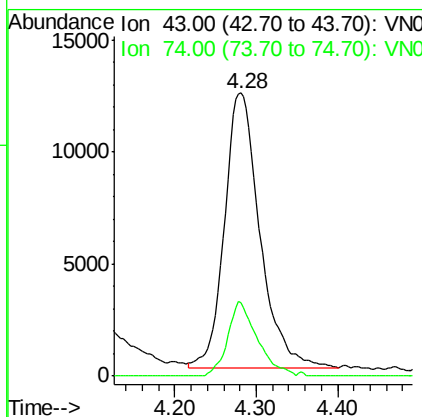
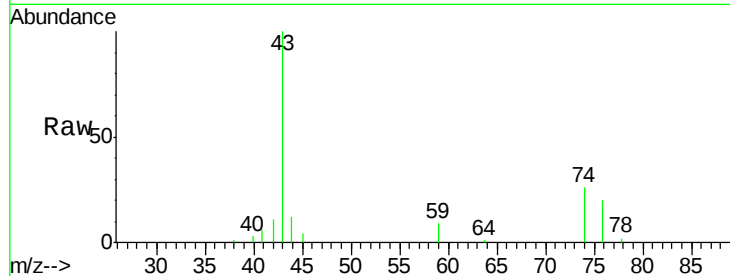
#18
Methvl Acetate
Concen: 23.033 ug/l
RT: 4.28 min Scan# 780
Delta R.T. 0.00 min
Lab File: VN063115.D
Acq: 25 Aug 2020 15:21

Instrument :
MSVOA_N
ClientSampled :
1574

Tot Ion: 43 Resp: 37122
Ion Ratio Lower Upper
43 100
74 22.9 18.6 28.0

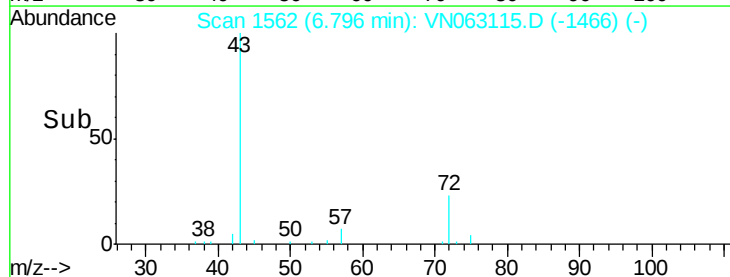
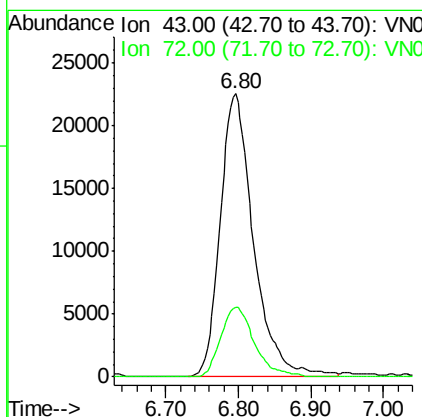
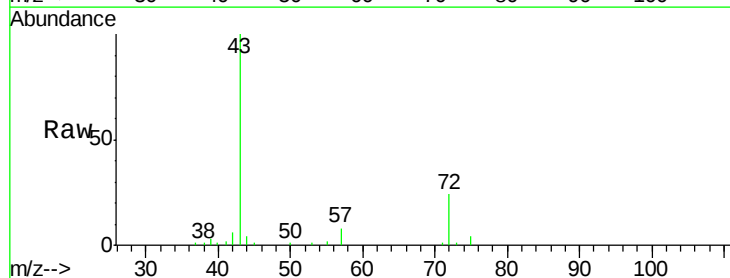
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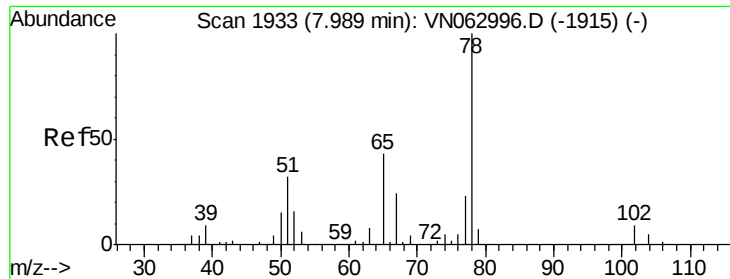
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#25
2-Butanone
Concen: 83.747 ug/l
RT: 6.80 min Scan# 1562
Delta R.T. 0.01 min
Lab File: VN063115.D
Acq: 25 Aug 2020 15:21

Tgt Ion: 43 Resp: 72107
Ion Ratio Lower Upper
43 100
72 24.4 21.8 32.6





#33

1,2-Dichloroethane-d4

Concen: 55.034 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN063115.D

Acq: 25 Aug 2020 15:21

Instrument :

MSVOA_N

ClientSampled :

1574

Tot Ion: 65 Resp: 89254

Ion Ratio Lower Upper

65 100

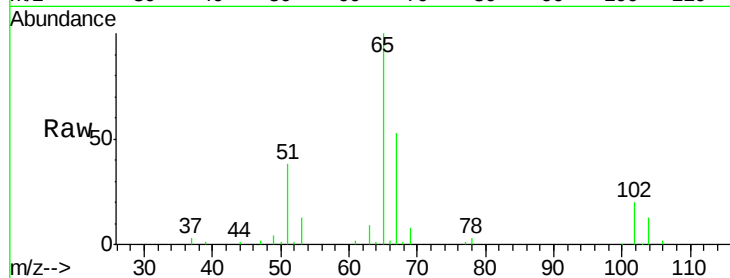
67 53.8 0.0 112.0

Manual Integrations

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Abundance Ion 64.90 (64.60 to 65.60): VN062996.D (-1915) (-)

Ion 66.90 (66.60 to 67.60): VN062996.D (-1915) (-)

7.99

40000

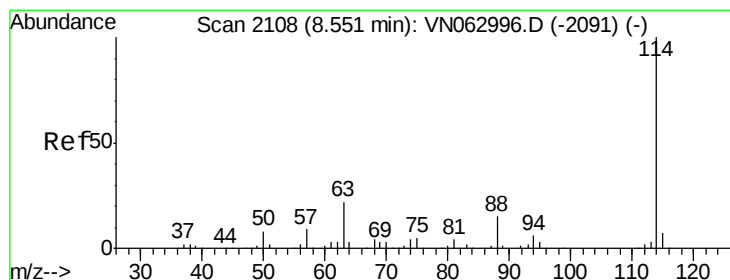
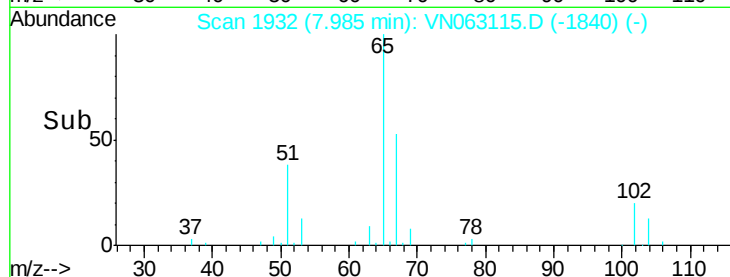
30000

20000

10000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2107

Delta R.T. -0.00 min

Lab File: VN063115.D

Acq: 25 Aug 2020 15:21

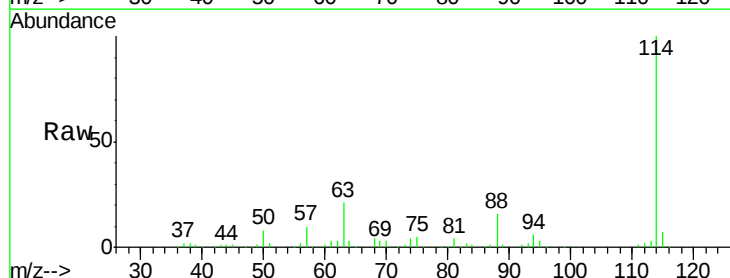
Tgt Ion: 114 Resp: 228665

Ion Ratio Lower Upper

114 100

63 21.0 0.0 43.2

88 16.1 0.0 30.6



Abundance Ion 113.90 (113.60 to 114.60): VN062996.D (-2091) (-)

Ion 63.00 (62.70 to 63.70): VN062996.D (-2091) (-)

Ion 87.90 (87.60 to 88.60): VN062996.D (-2091) (-)

8.55

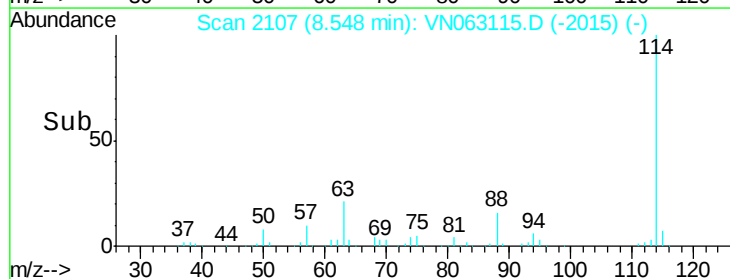
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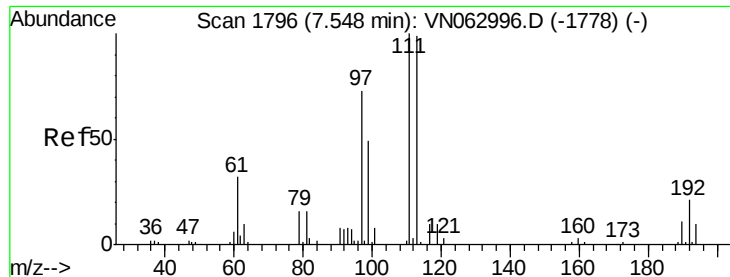
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50000

0

Time-->





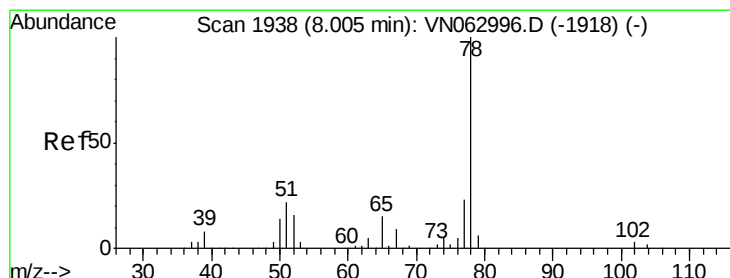
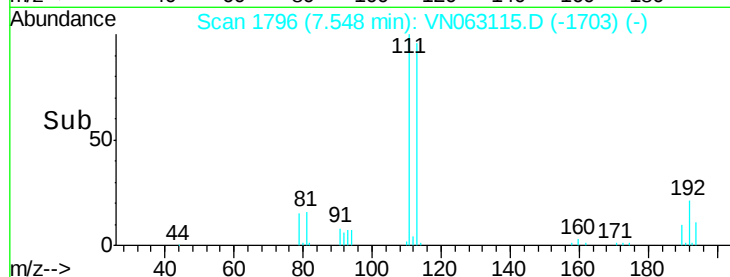
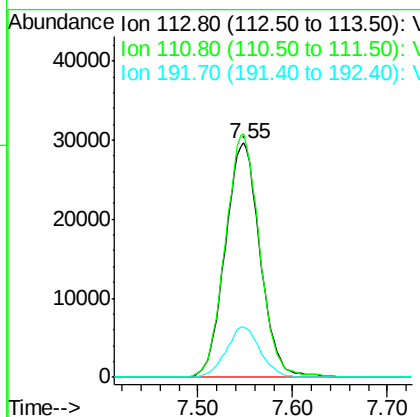
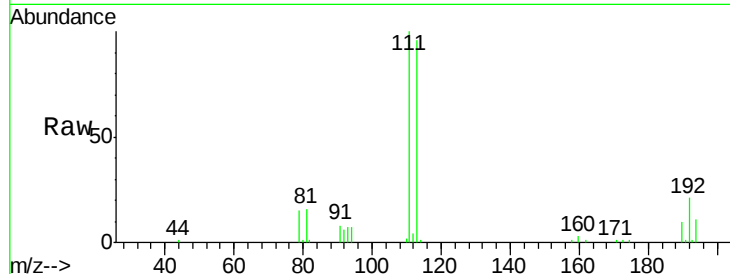
#35
 Dibromofluoromethane
 Concen: 50.846 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN063115.D
 Acq: 25 Aug 2020 15:21

Instrument :
 MSVOA_N
 ClientSampled :
 1574

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.7	122.5
192	21.1	17.5	26.3

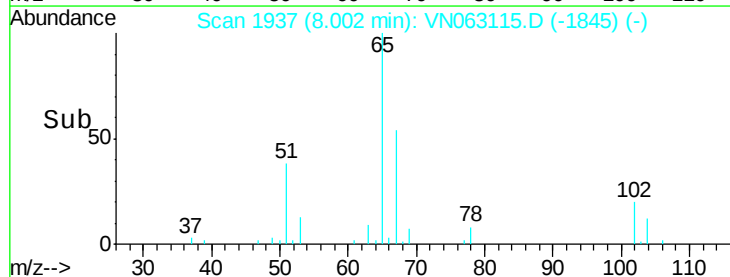
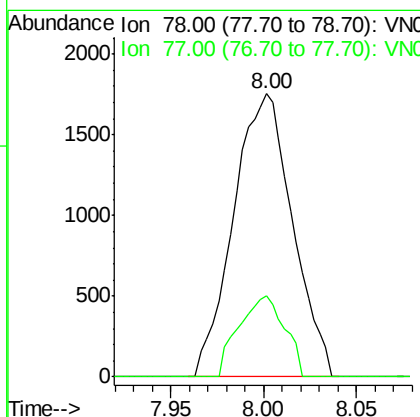
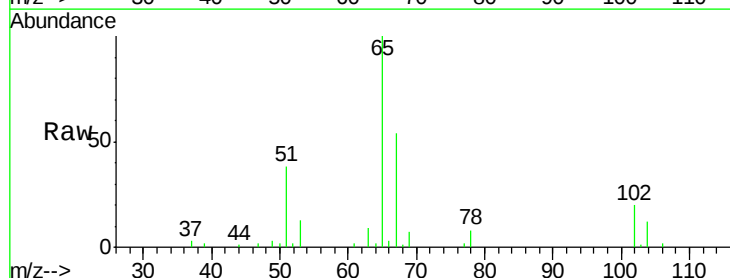
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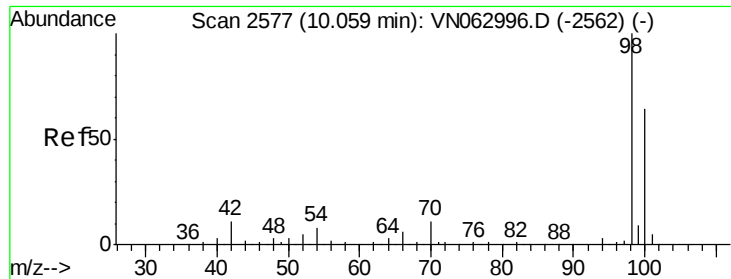
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#40
 Benzene
 Concen: 0.607 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN063115.D
 Acq: 25 Aug 2020 15:21

Tgt Ion	Ratio	Lower	Upper
78	100		
77	28.4	18.8	28.2





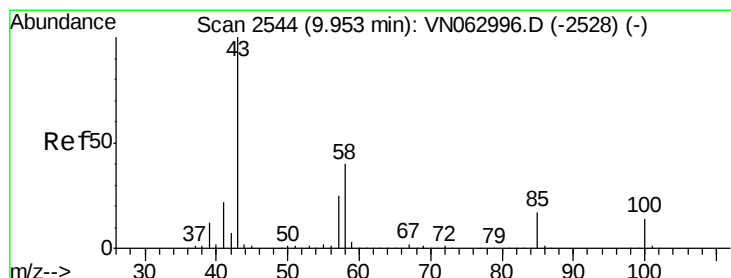
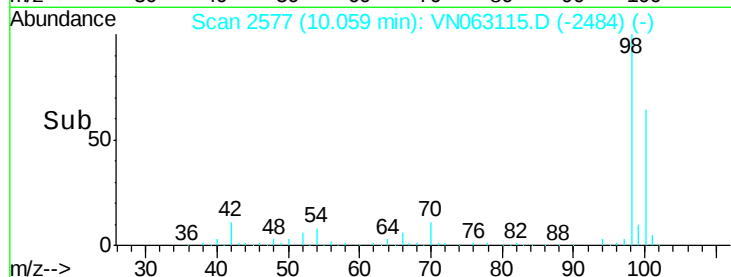
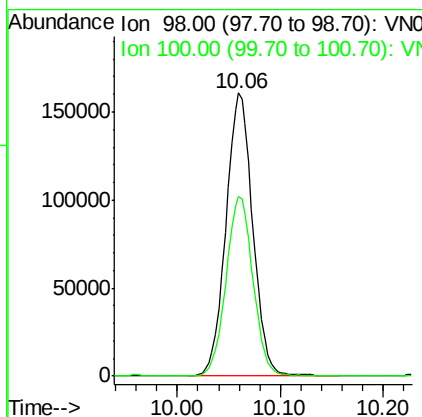
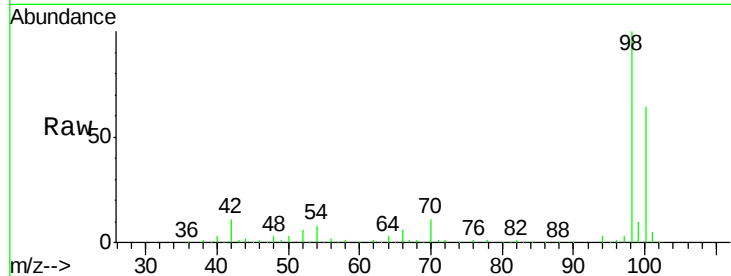
#50
Toluene-d8
Concen: 50.932 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN063115.D
Acq: 25 Aug 2020 15:21

Instrument :
MSVOA_N
ClientSampled :
1574

Tot Ion: 98 Resp: 291488
Ion Ratio Lower Upper
98 100
100 63.9 51.2 76.8

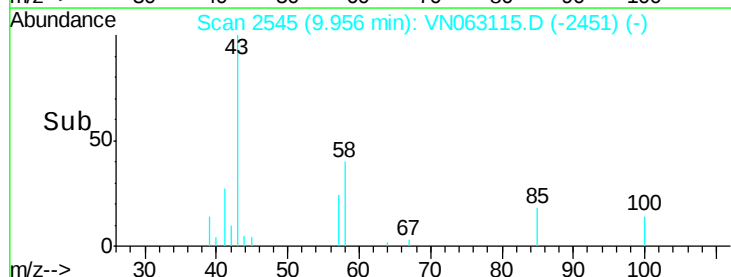
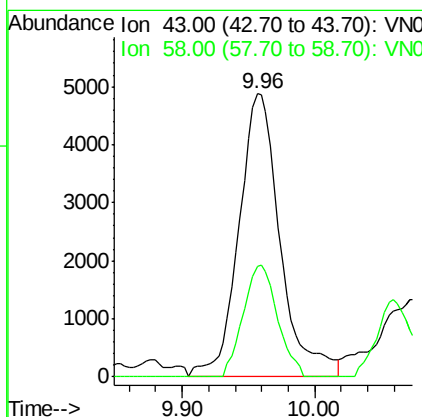
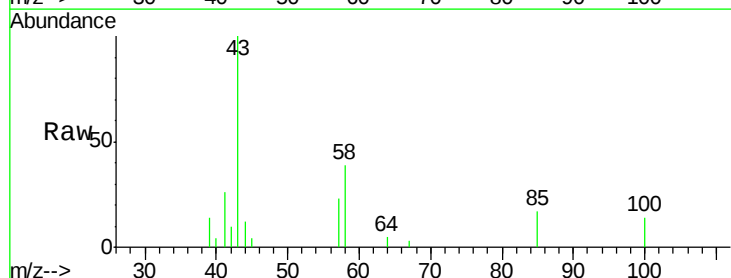
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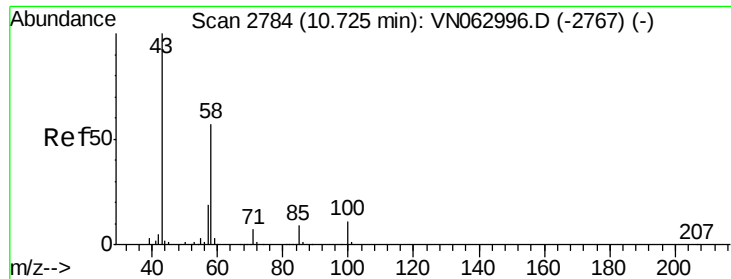
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#51
4-Methyl-2-Pentanone
Concen: 5.355 ug/l
RT: 9.96 min Scan# 2545
Delta R.T. 0.00 min
Lab File: VN063115.D
Acq: 25 Aug 2020 15:21

Tgt Ion: 43 Resp: 10589
Ion Ratio Lower Upper
43 100
58 32.5 32.2 48.2





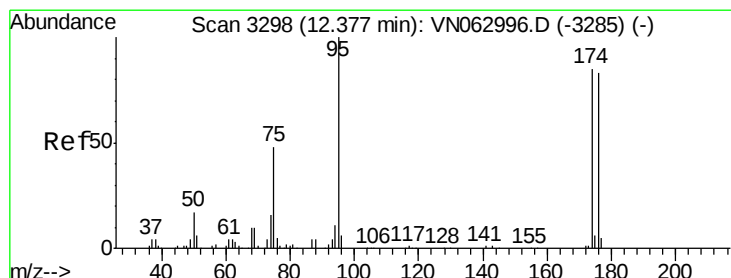
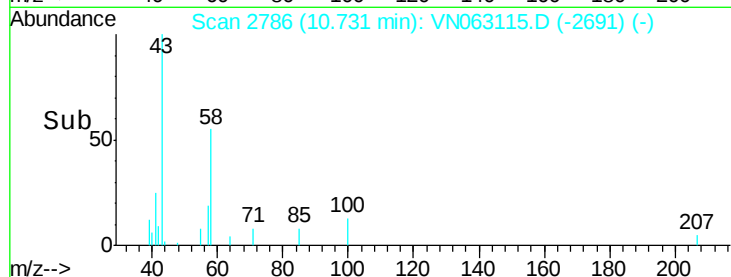
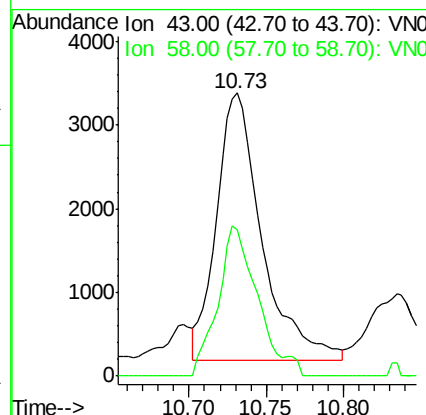
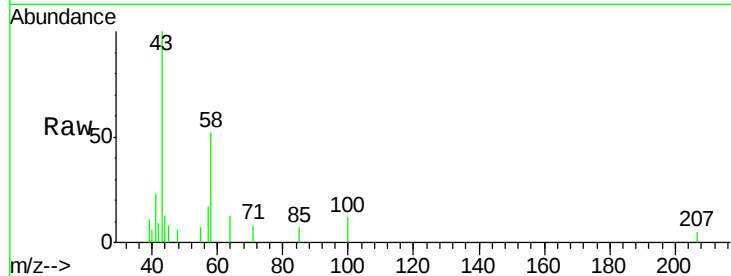
#59
2-Hexanone
Concen: 4.730 ug/l
RT: 10.73 min Scan# 2786
Delta R.T. 0.01 min
Lab File: VN063115.D
Acq: 25 Aug 2020 15:21

Instrument :
MSVOA_N
ClientSampled :
1574

Tot Ion	Ratio	Lower	Upper
43	100		
58	49.1	28.1	84.3

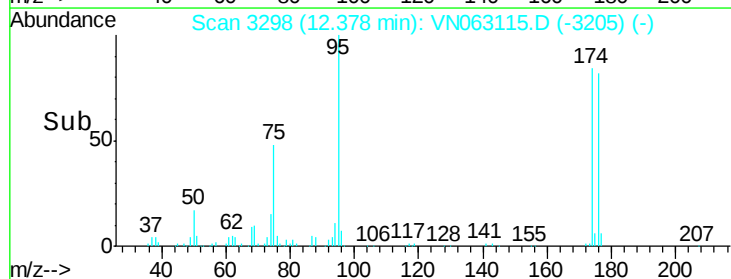
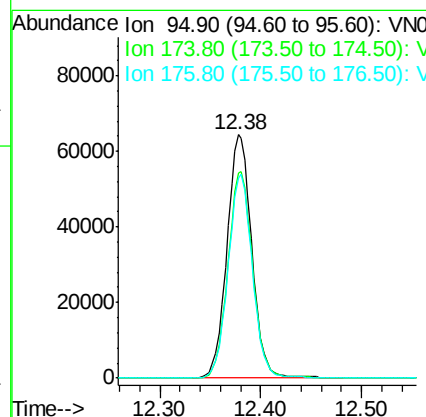
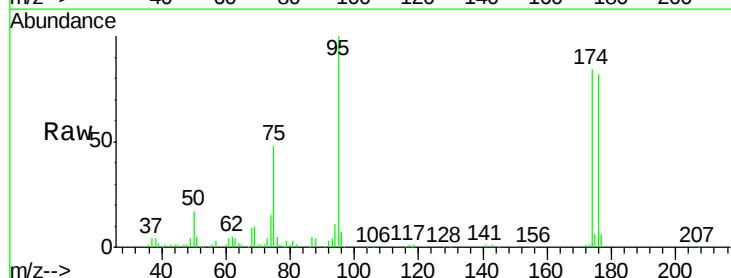
Manual Integrations
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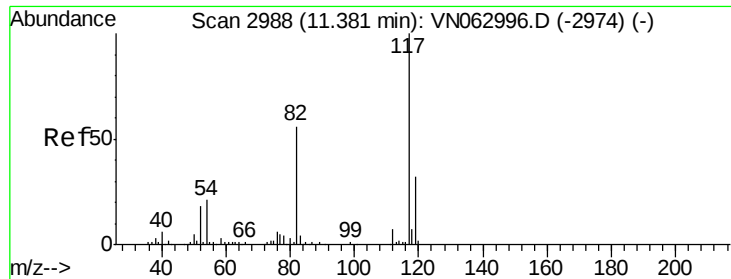
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#62
4-Bromofluorobenzene
Concen: 54.794 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.00 min
Lab File: VN063115.D
Acq: 25 Aug 2020 15:21

Tgt Ion	Ratio	Lower	Upper
95	100		
174	84.8	0.0	170.8
176	81.9	0.0	164.8





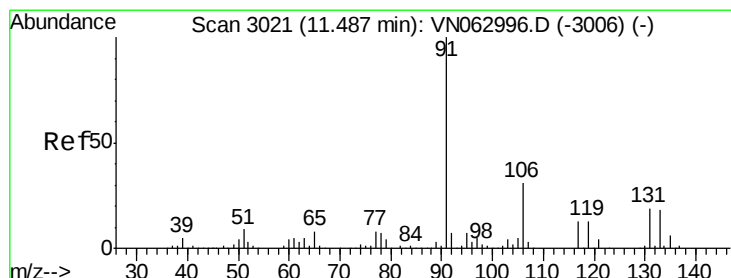
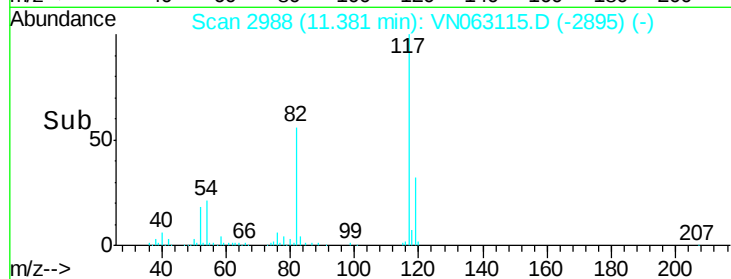
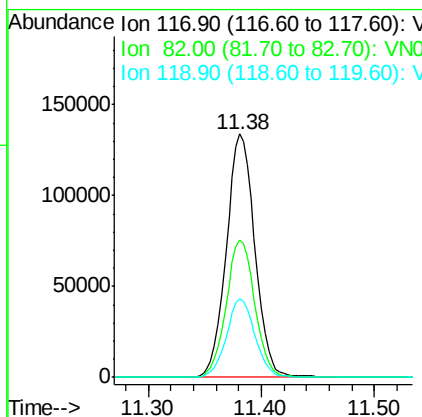
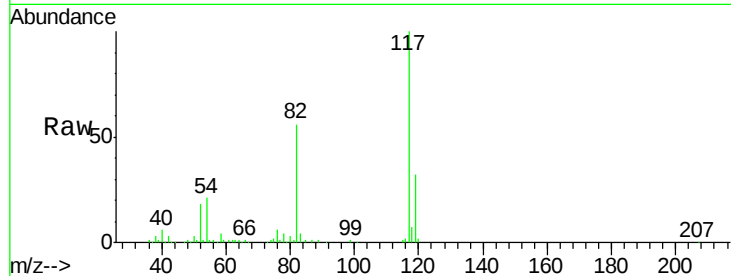
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN063115.D
Acq: 25 Aug 2020 15:21

Instrument :
MSVOA_N
ClientSampled :
1574

Tot Ion	Ratio	Resp	Lower	Upper
117	100	234319		
82	56.4		44.5	66.7
119	32.3		25.5	38.3

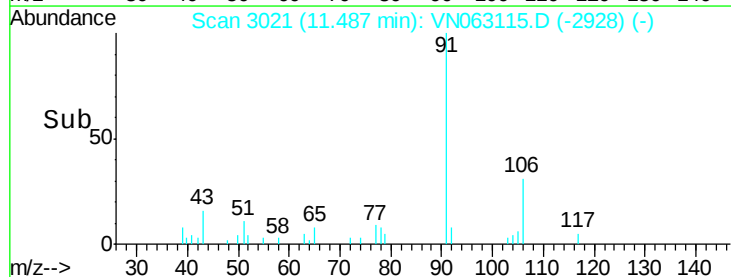
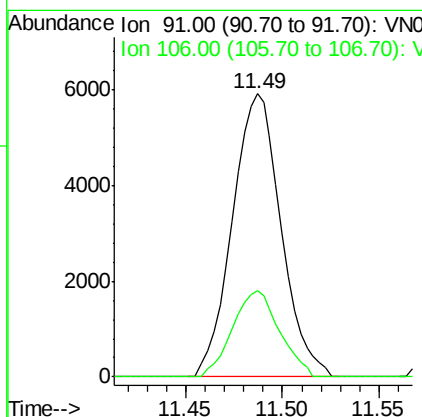
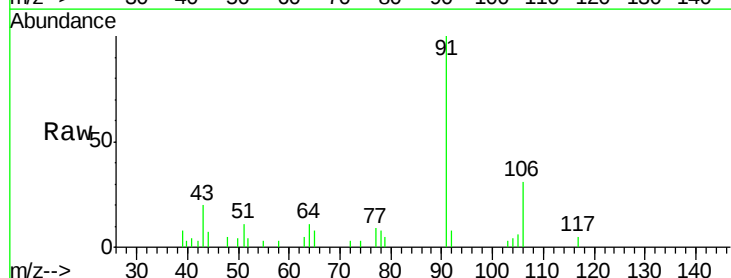
Manual Integrations
APPROVED

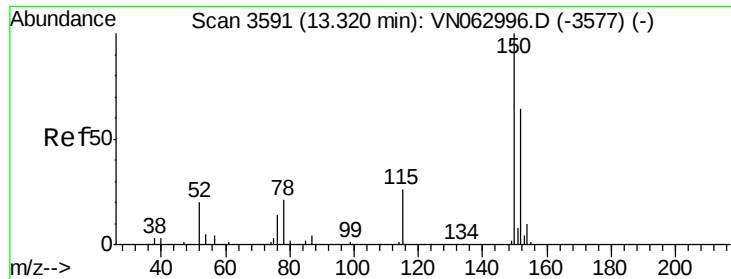
MMDadoda
8/26/2020 11:26:44 AM



#67
Ethyl Benzene
Concen: 1.296 ug/l
RT: 11.49 min Scan# 3021
Delta R.T. 0.00 min
Lab File: VN063115.D
Acq: 25 Aug 2020 15:21

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	10308		
106	30.6		24.6	37.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN063115.D

Acq: 25 Aug 2020 15:21

Instrument :

MSVOA_N

ClientSampleId :

1574

Tot Ion:152 Resp: 104098

Ion Ratio Lower Upper

152 100

115 57.5 28.7 86.3

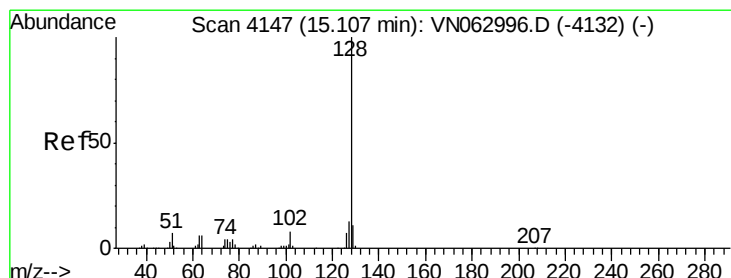
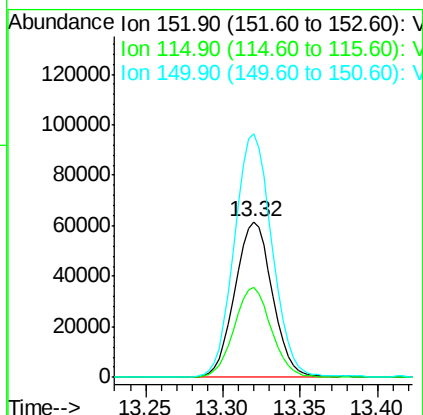
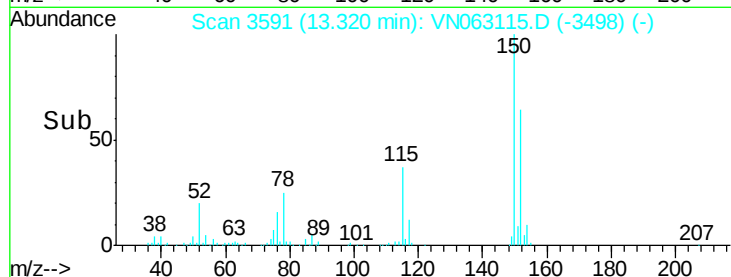
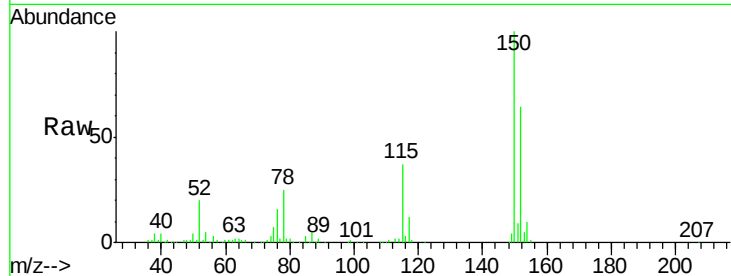
150 157.7 0.0 348.8

Manual Integrations

APPROVED

MMDadoda

8/26/2020 11:26:44 AM



#95

Naphthalene

Concen: 7.140 ug/l

RT: 15.11 min Scan# 4147

Delta R.T. 0.00 min

Lab File: VN063115.D

Acq: 25 Aug 2020 15:21

Tgt Ion:128 Resp: 7011

Ion Ratio Lower Upper

128 100

127 10.9 10.6 16.0

129 10.0 8.9 13.3

