

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081320\
 Data File : VN062915.D
 Acq On : 13 Aug 2020 16:52
 Operator : JC/MD
 Sample : L3667-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S39-ER-2020-1

Manual Integrations
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Quant Time: Aug 14 08:51:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:26:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	146622	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	239439	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	240117	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	92704	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	114804	47.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.70%	
35) Dibromofluoromethane	7.55	113	85766	52.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.72%	
50) Toluene-d8	10.06	98	312127	48.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.62%	
62) 4-Bromofluorobenzene	12.38	95	114639	47.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.88%	
Target Compounds						
16) Acetone	3.78	43	6375m	7.276	ug/l	Qvalue
25) 2-Butanone	6.80	43	8356	6.734	ug/l	96
29) Tetrahydrofuran	7.17	42	133681	165.827	ug/l	98

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

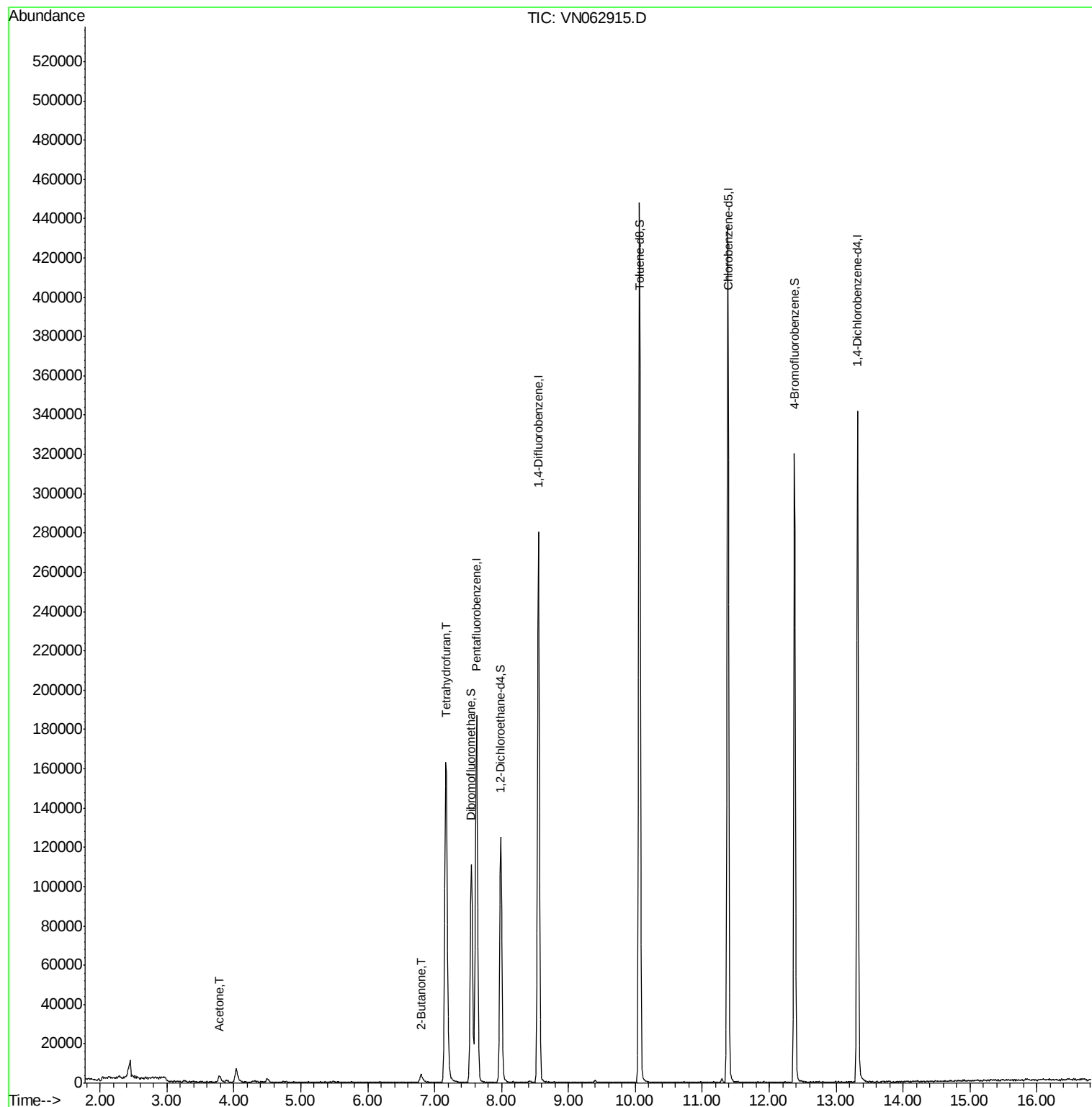
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN081320\
Data File : VN062915.D
Acq On : 13 Aug 2020 16:52
Operator : JC/MD
Sample : L3667-03
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ALS Vial : 16 Sample Multiplier: 1

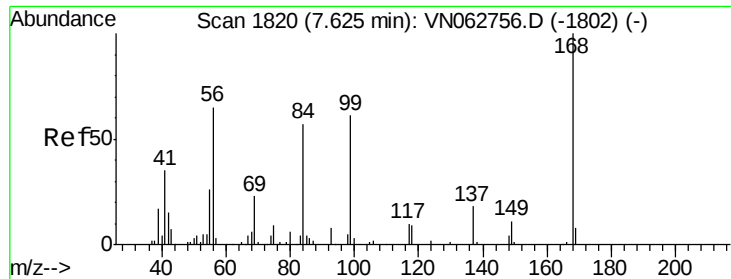
Instrument :
MSVOA_N
ClientSampleId :
S39-ER-2020-1

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Quant Time: Aug 14 08:51:11 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:26:42 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: VN062915.D

Acq: 13 Aug 2020 16:52

Instrument :

MSVOA_N

ClientSampleId :

S39-ER-2020-1

Tot Ion:168 Resp: 146622

Ion Ratio Lower Upper

168 100

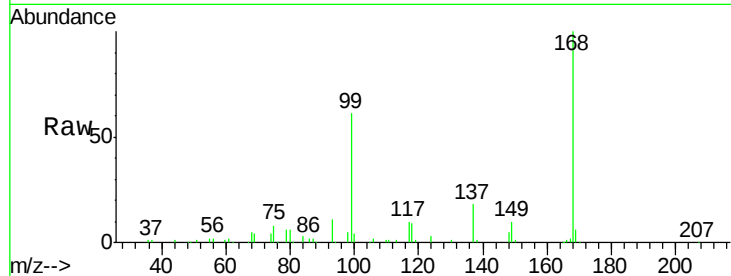
99 61.2 52.9 79.3

Manual Integrations

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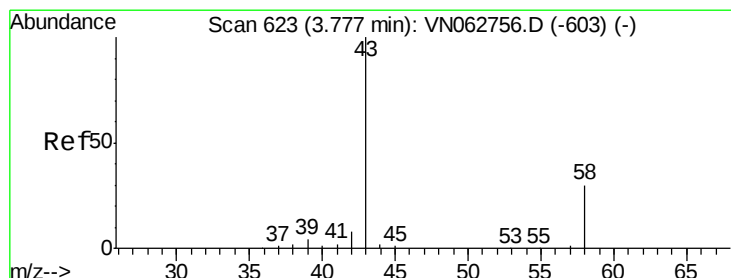
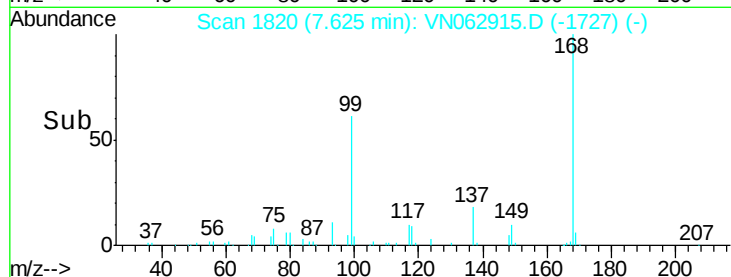
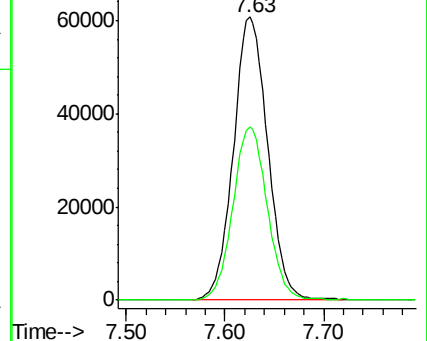
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 7.276 ug/l m

RT: 3.78 min Scan# 623

Delta R.T. -0.00 min

Lab File: VN062915.D

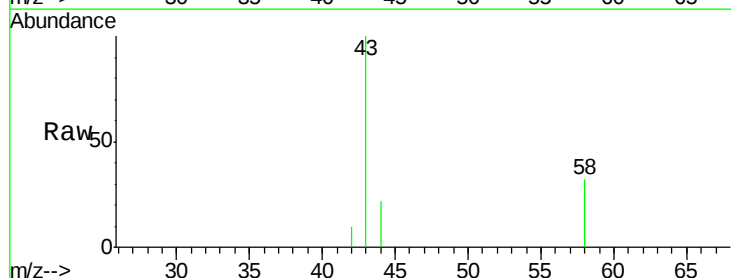
Acq: 13 Aug 2020 16:52

Tgt Ion: 43 Resp: 6375

Ion Ratio Lower Upper

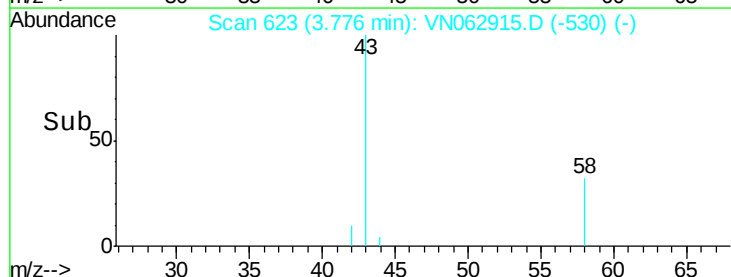
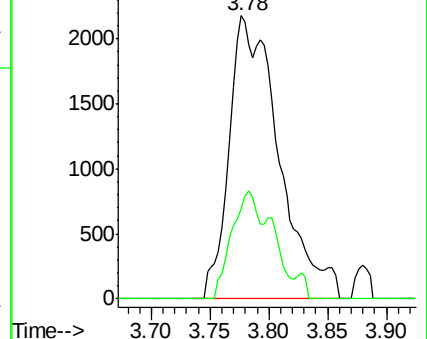
43 100

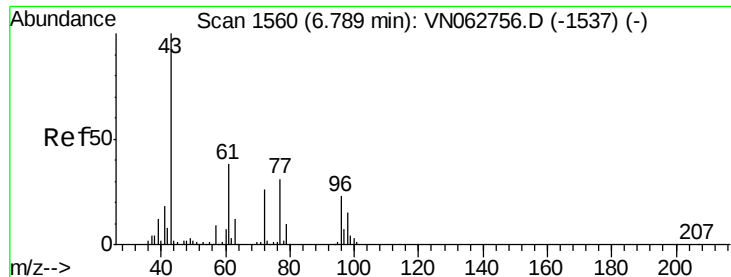
58 32.1 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





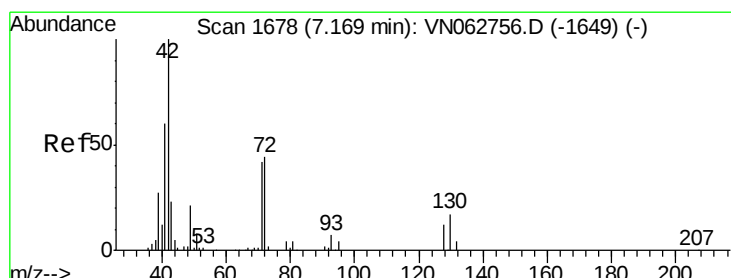
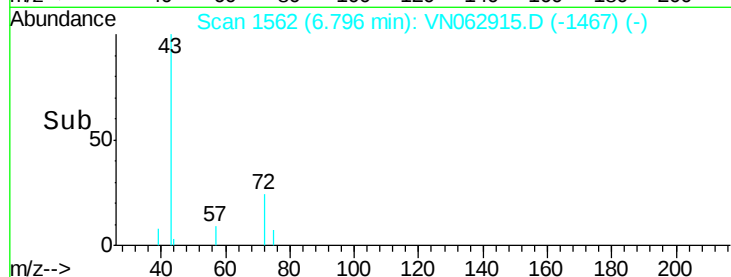
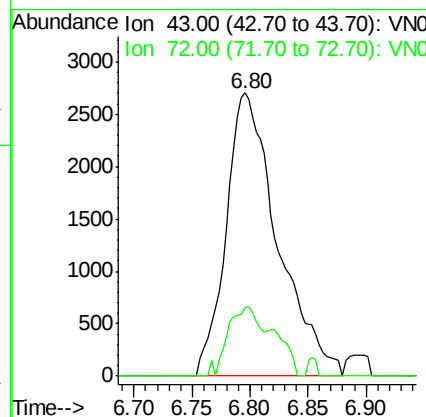
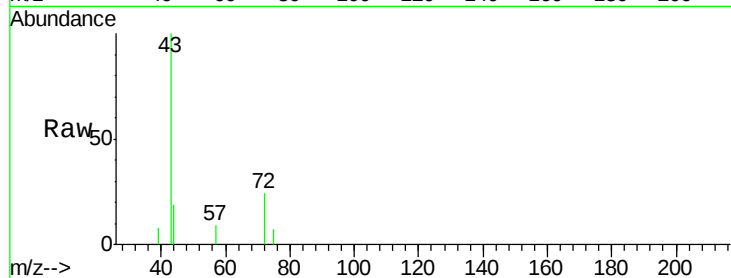
#25
2-Butanone
Concen: 6.734 ug/l
RT: 6.80 min Scan# 1562
Delta R.T. 0.01 min
Lab File: VN062915.D
Acq: 13 Aug 2020 16:52

Instrument :
MSVOA_N
ClientSampleId :
S39-ER-2020-1

Tot Ion	Ratio	Lower	Upper
43	100		
72	24.1	21.1	31.7

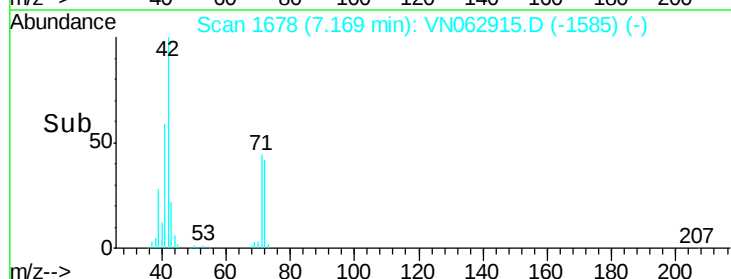
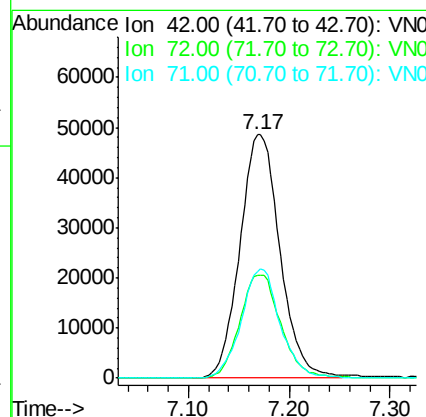
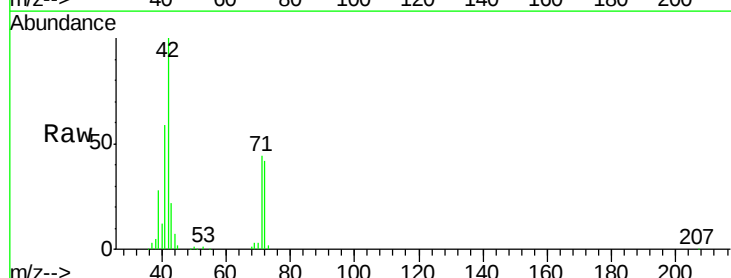
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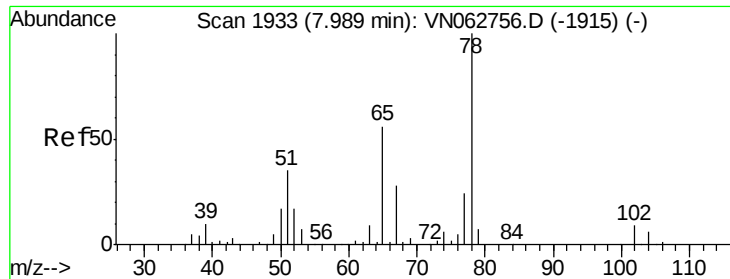
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#29
Tetrahydrofuran
Concen: 165.827 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. -0.00 min
Lab File: VN062915.D
Acq: 13 Aug 2020 16:52

Tgt Ion	Ratio	Lower	Upper
42	100		
72	43.3	35.0	52.4
71	43.7	33.2	49.8





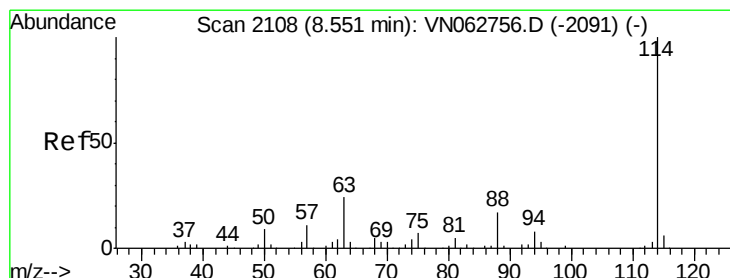
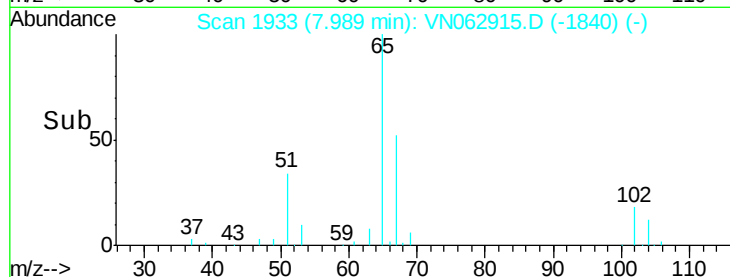
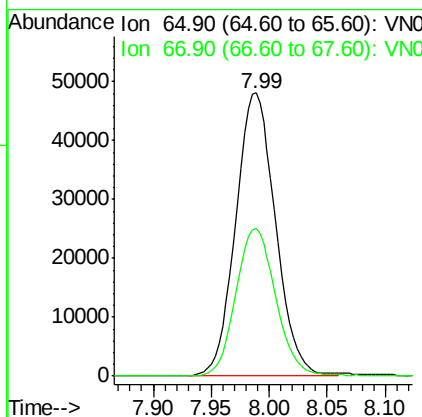
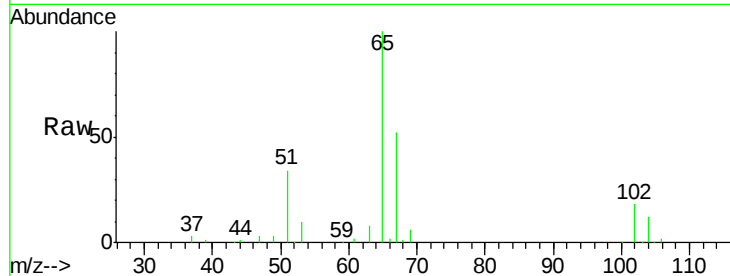
#33
 1,2-Dichloroethane-d4
 Concen: 47.348 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: VN062915.D
 Acq: 13 Aug 2020 16:52

Instrument :
 MSVOA_N
 ClientSampleId :
 S39-ER-2020-1

Tot Ion	Ratio	Resp	Lower	Upper
65	100	114804		
67	52.1	0.0	101.4	

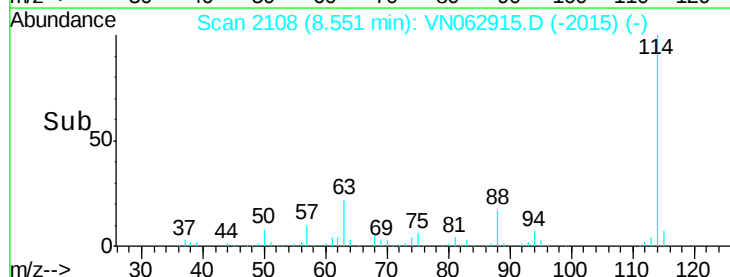
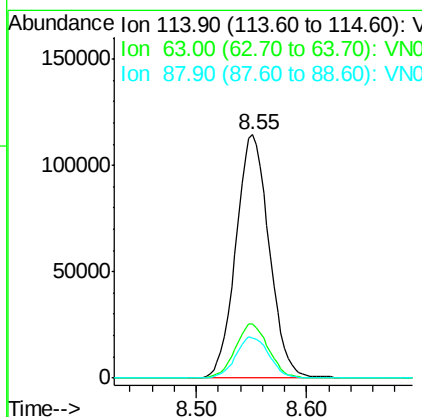
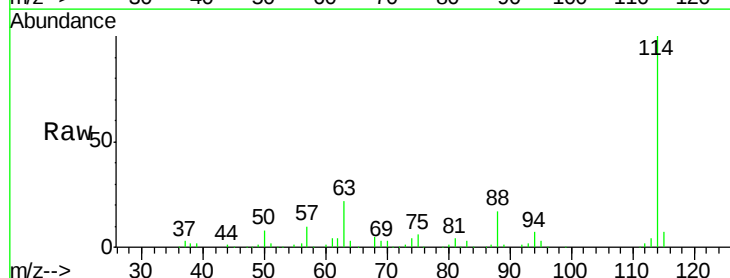
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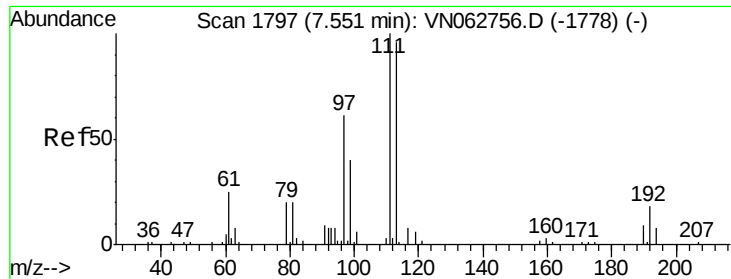
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062915.D
 Acq: 13 Aug 2020 16:52

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	239439		
63	22.0	0.0	47.6	
88	16.7	0.0	34.4	





#35

Dibromofluoromethane

Concen: 52.363 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VN062915.D

Acq: 13 Aug 2020 16:52

Instrument :

MSVOA_N

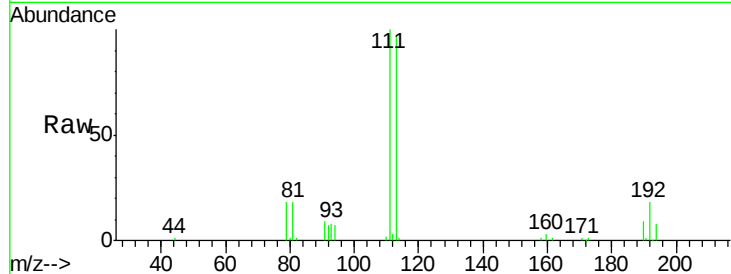
ClientSampleId :

S39-ER-2020-1

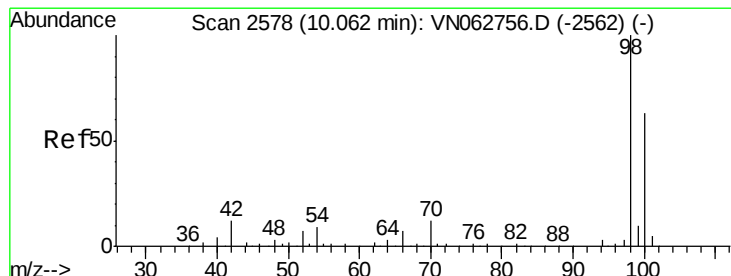
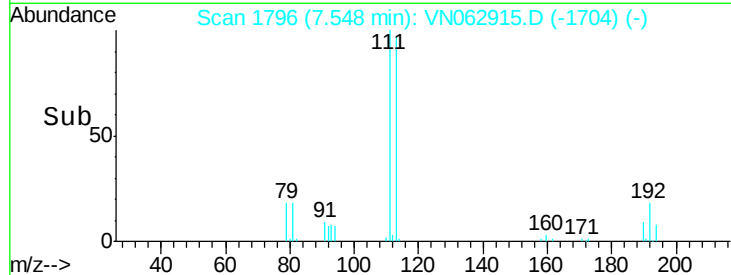
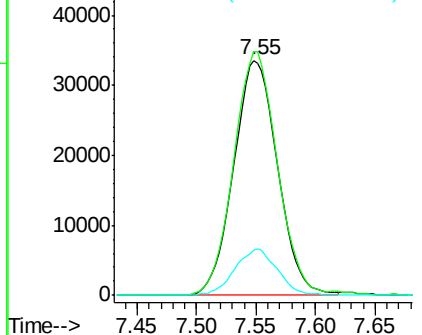
Tot Ion:	113	Resp:	85766
Ion Ratio	Lower	Upper	
113	100		
111	102.7	81.8	122.6
192	19.0	15.0	22.4

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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: 48.812 ug/l

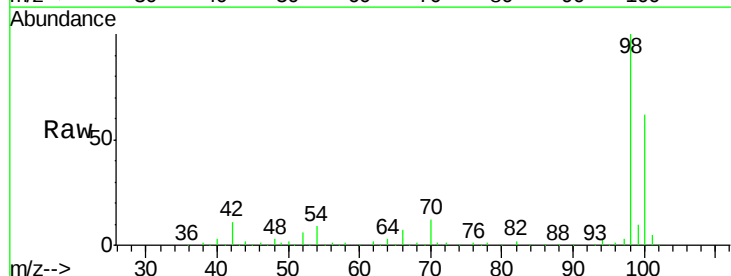
RT: 10.06 min Scan# 2578

Delta R.T. -0.00 min

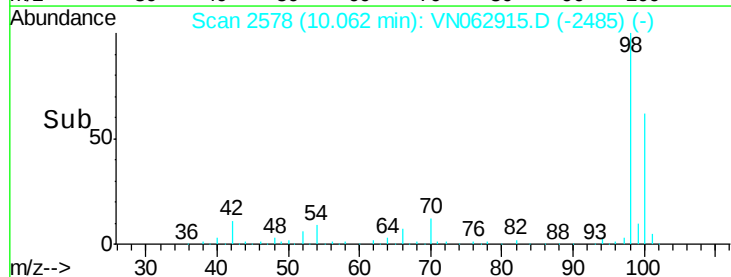
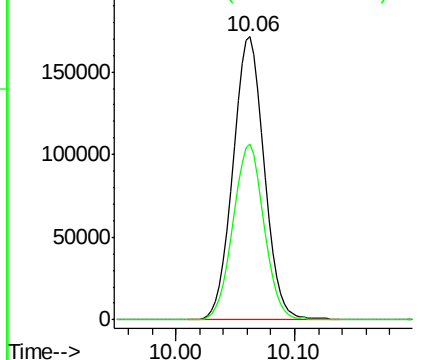
Lab File: VN062915.D

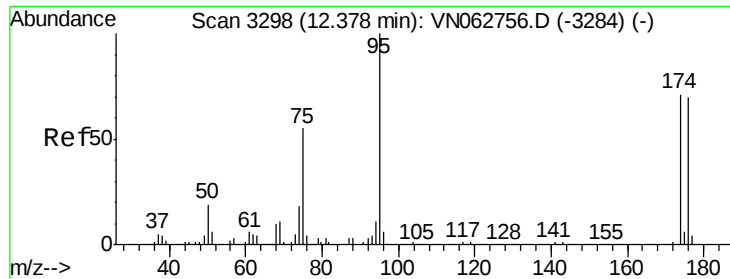
Acq: 13 Aug 2020 16:52

Tgt Ion:	98	Resp:	312127
Ion Ratio	Lower	Upper	
98	100		
100	61.7	50.9	76.3



Abundance Ion 98.00 (97.70 to 98.70): VN
Ion 100.00 (99.70 to 100.70): VN





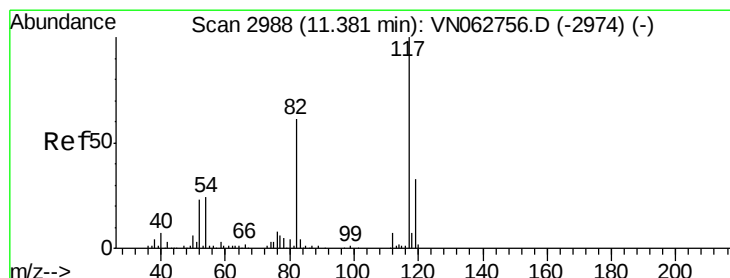
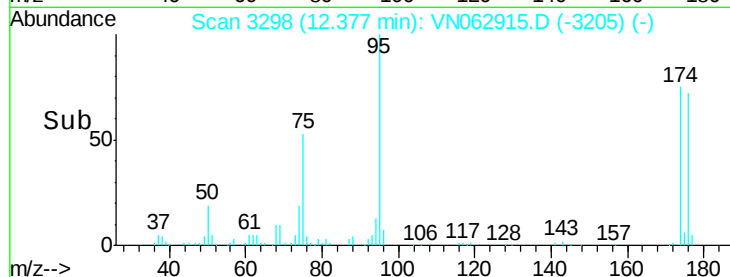
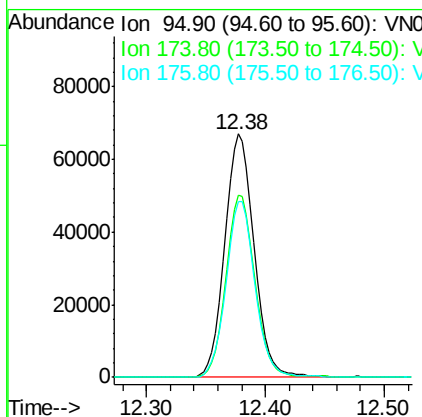
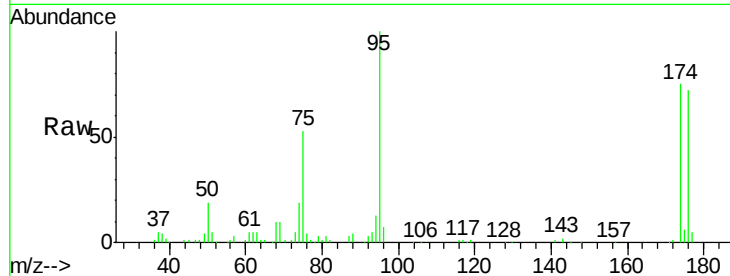
#62
4-Bromofluorobenzene
Concen: 47.441 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VN062915.D
Acq: 13 Aug 2020 16:52

Instrument :
MSVOA_N
ClientSampleId :
S39-ER-2020-1

Tot Ion	Ratio	Resp	Lower	Upper
95	100	114639		
174	74.0	0.0	144.8	
176	71.3	0.0	142.2	

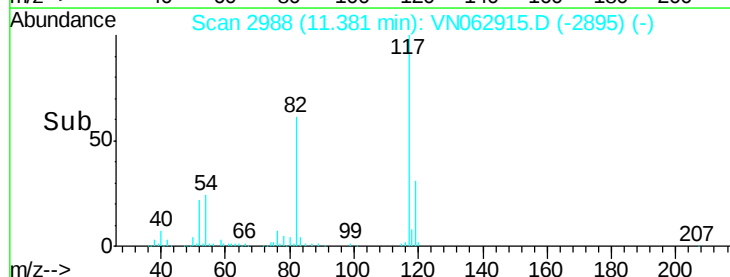
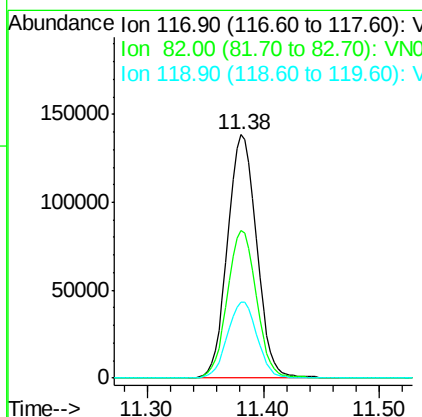
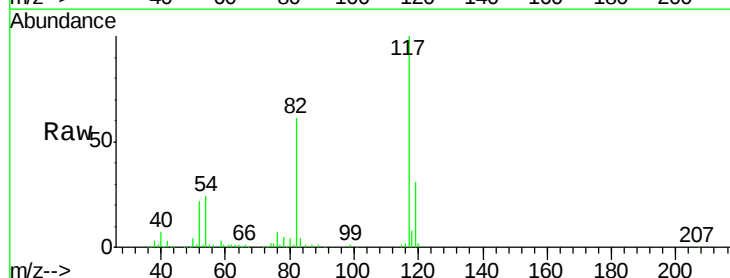
Manual Integrations
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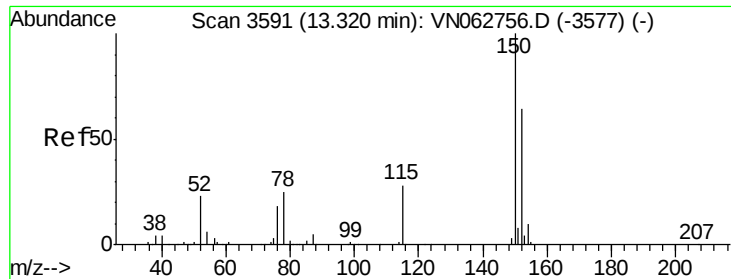
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062915.D
Acq: 13 Aug 2020 16:52

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	240117		
82	60.7	49.0	73.4	
119	31.4	26.2	39.2	





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. -0.00 min

Lab File: VN062915.D

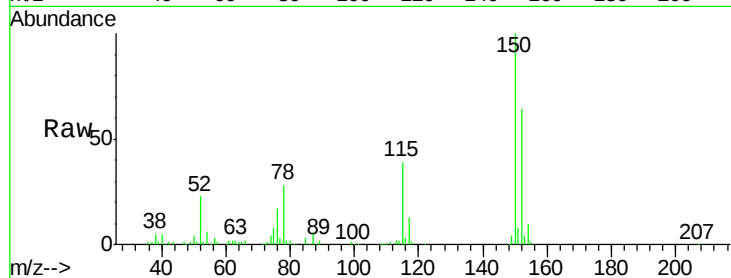
Acq: 13 Aug 2020 16:52

Instrument :

MSVOA_N

ClientSampleId :

S39-ER-2020-1



Tot Ion:152 Resp: 92704

Ion Ratio Lower Upper

152 100

115 61.1 31.6 94.8

150 155.5 0.0 349.2

Manual Integrations

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