

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100720\
 Data File : VN063940.D
 Acq On : 7 Oct 2020 14:08
 Operator : JC/MD
 Sample : L4279-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S-1

Manual Integrations
 APPROVED

MMDadoda
 10/8/2020 10:08:43 AM

Quant Time: Oct 08 16:19:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	215770	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	387169	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	403069	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	156792	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	187181	52.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.02%	
35) Dibromofluoromethane	7.55	113	136396	50.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.54%	
50) Toluene-d8	10.06	98	498268	48.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.86%	
62) 4-Bromofluorobenzene	12.38	95	187207	48.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.80%	
Target Compounds						
16) Acetone	3.78	43	118928	108.380	ug/l	97
17) Carbon Disulfide	4.01	76	96730	16.941	ug/l	100
20) Methylene Chloride	4.51	84	5054	2.105	ug/l #	76
25) 2-Butanone	6.79	43	16122m	10.363	ug/l	
43) Isopropyl Acetate	8.13	43	9446	1.470	ug/l #	90

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

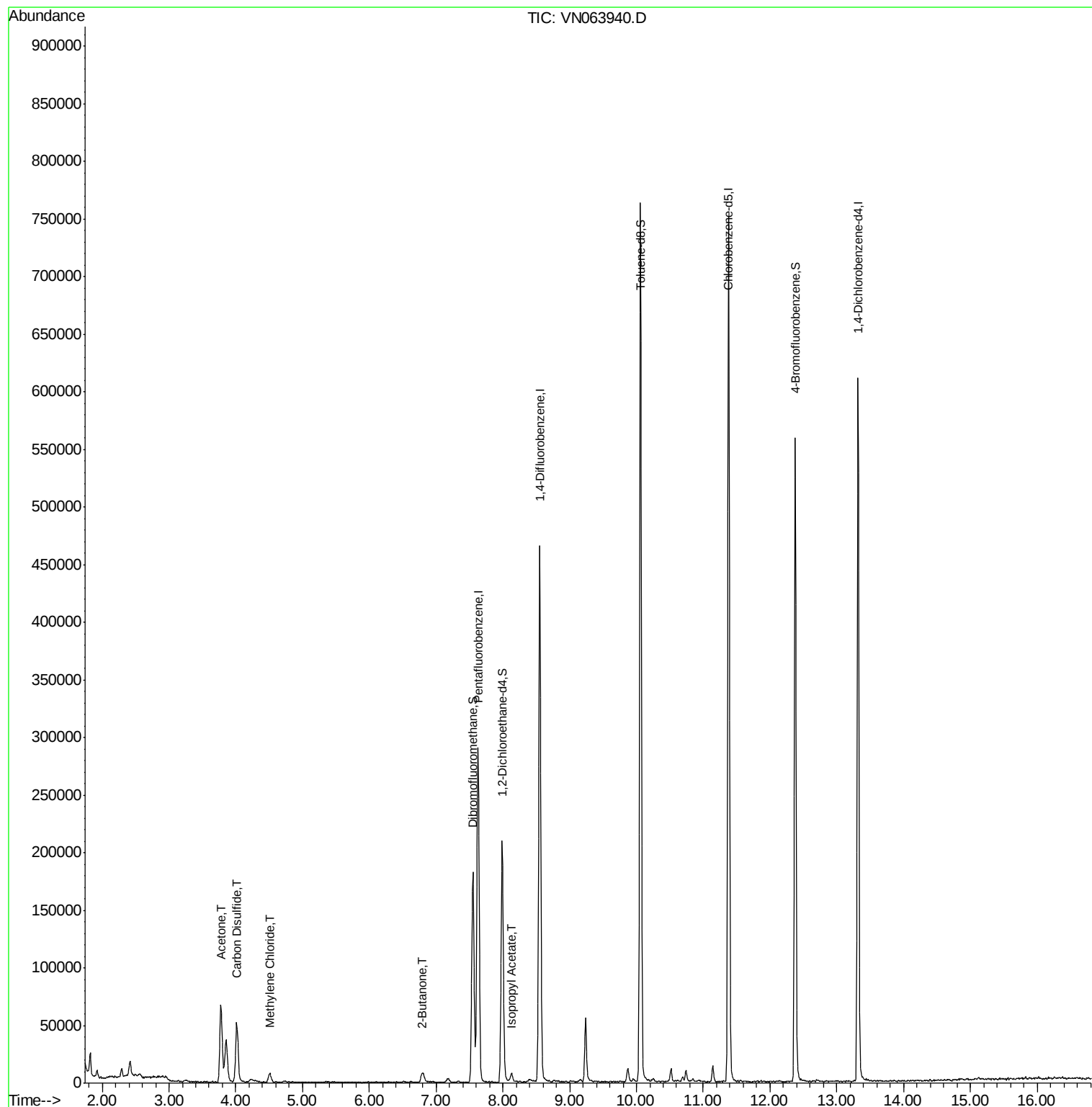
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN100720\
Data File : VN063940.D
Acq On : 7 Oct 2020 14:08
Operator : JC/MD
Sample : L4279-02
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ALS Vial : 11 Sample Multiplier: 1

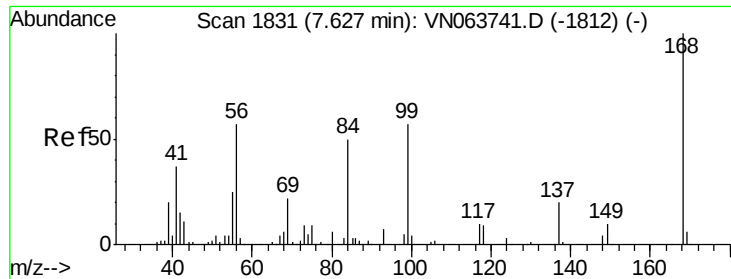
Instrument :
MSVOA_N
ClientSampleId :
S-1

Manual Integrations
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10/8/2020 10:08:43 AM

Quant Time: Oct 08 16:19:20 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 01 01:46:38 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: VN063940.D

Acq: 7 Oct 2020 14:08

Instrument :

MSVOA_N

ClientSampled :

S-1

Tot Ion:168 Resp: 215770

Ion Ratio Lower Upper

168 100

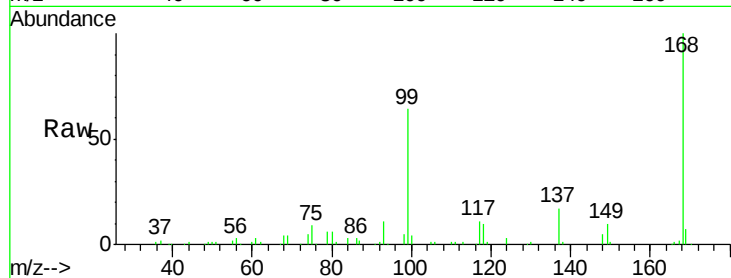
99 63.8 51.8 77.6

Manual Integrations

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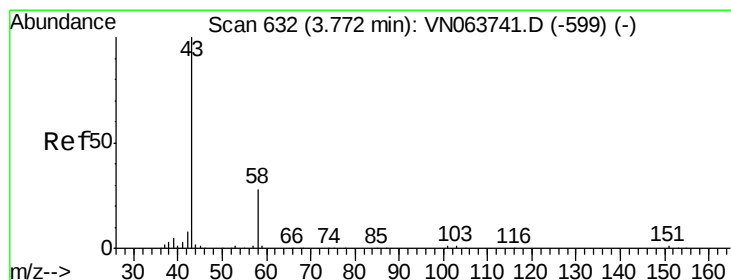
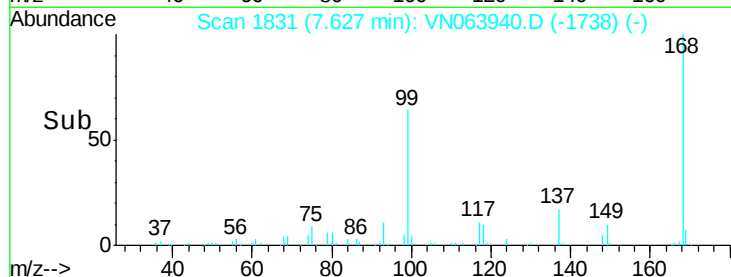
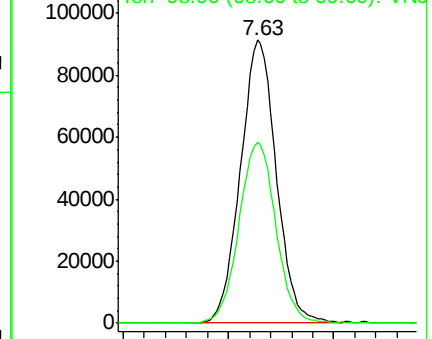
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 108.380 ug/l

RT: 3.78 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN063940.D

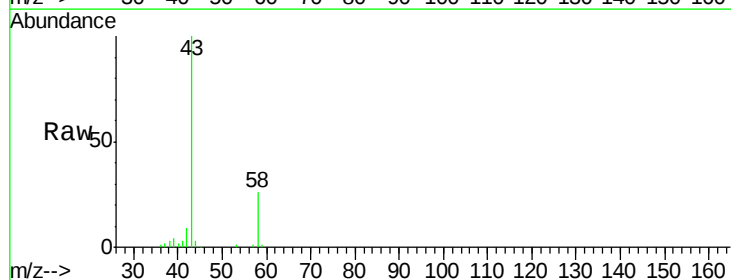
Acq: 7 Oct 2020 14:08

Tgt Ion: 43 Resp: 118928

Ion Ratio Lower Upper

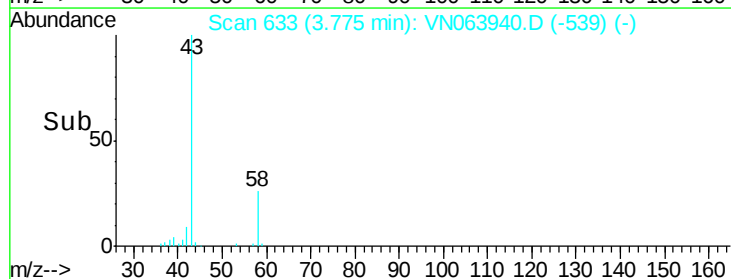
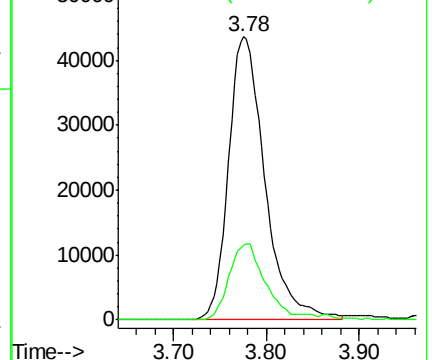
43 100

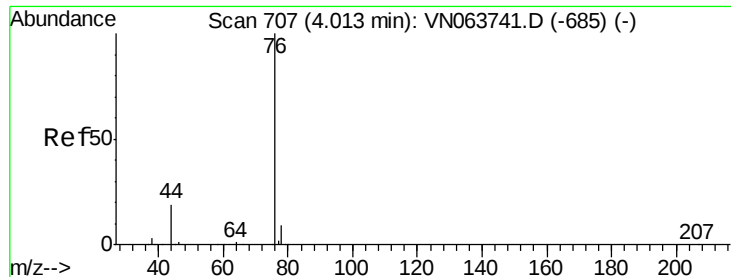
58 26.2 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





#17

Carbon Disulfide

Concen: 16.941 ug/l

RT: 4.01 min Scan# 707

Delta R.T. 0.00 min

Lab File: VN063940.D

Acq: 7 Oct 2020 14:08

Instrument :

MSVOA_N

ClientSampleId :

S-1

Tot Ion: 76 Resp: 96730

Ion Ratio Lower Upper

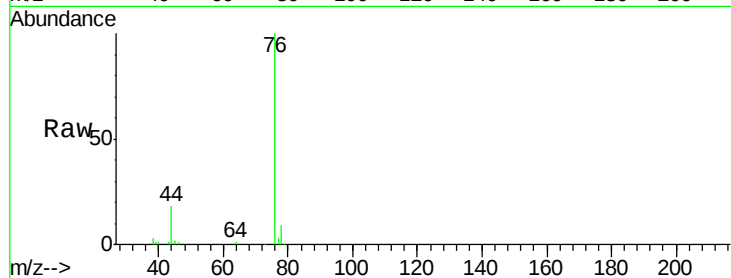
76 100

78 8.7 7.0 10.4

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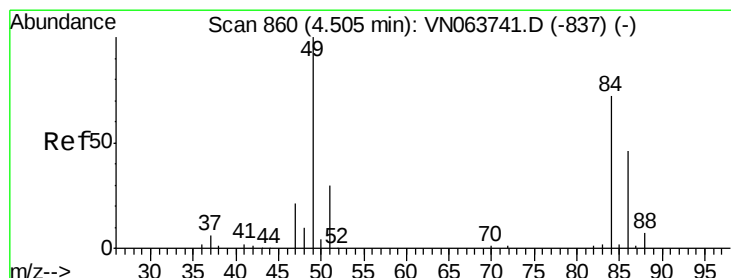
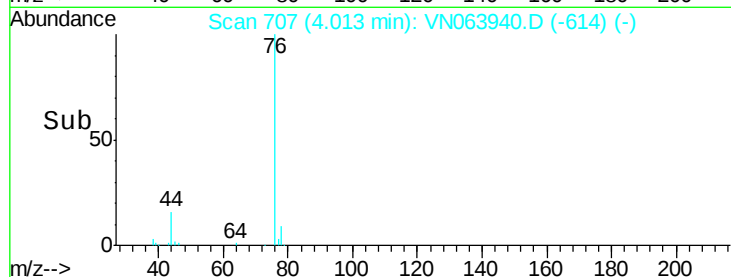
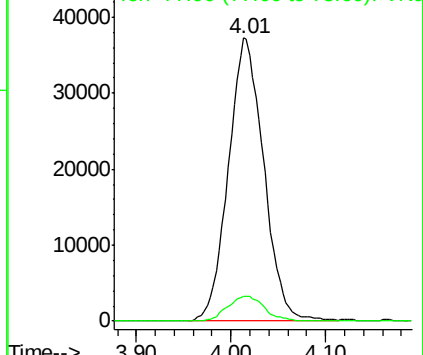
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Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#20

Methylene Chloride

Concen: 2.105 ug/l

RT: 4.51 min Scan# 861

Delta R.T. 0.00 min

Lab File: VN063940.D

Acq: 7 Oct 2020 14:08

Tgt Ion: 84 Resp: 5054

Ion Ratio Lower Upper

84 100

49 183.0 110.4 165.6#

51 39.4 33.3 49.9

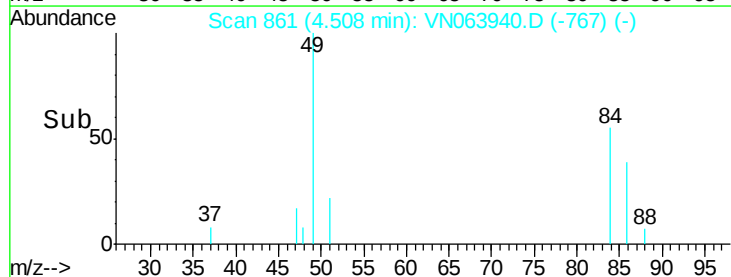
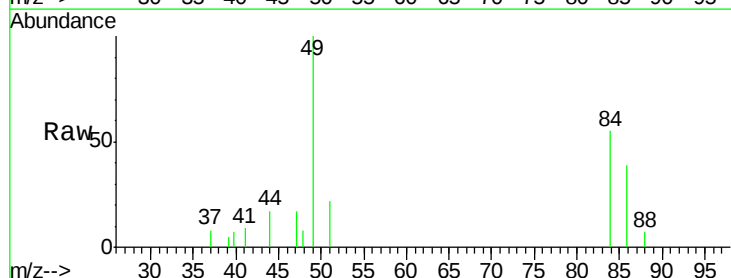
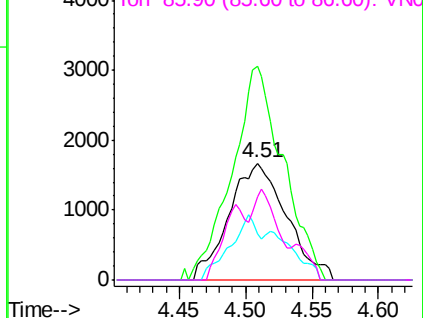
86 71.2 50.7 76.1

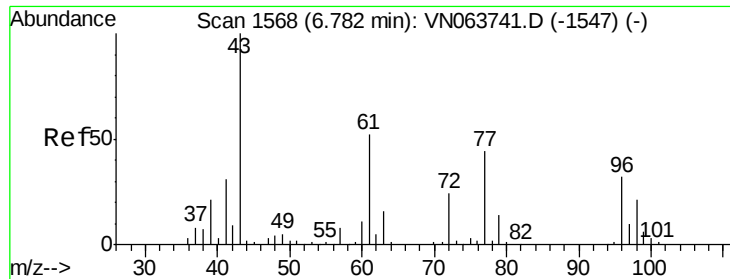
Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0





#25

2-Butanone

Concen: 10.363 ug/l m

RT: 6.79 min Scan# 1571

Delta R.T. 0.01 min

Lab File: VN063940.D

Acq: 7 Oct 2020 14:08

Instrument :

MSVOA_N

ClientSampled :

S-1

Tot Ion: 43 Resp: 16122

Ion Ratio Lower Upper

43 100

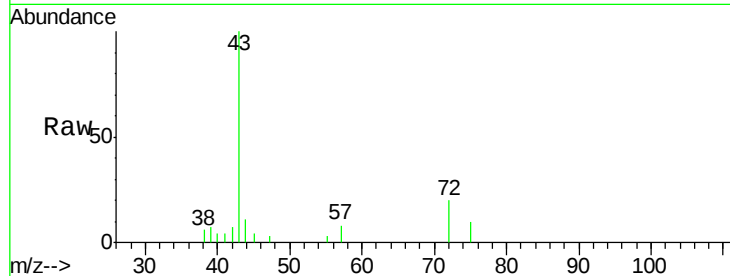
72 20.3 19.3 28.9

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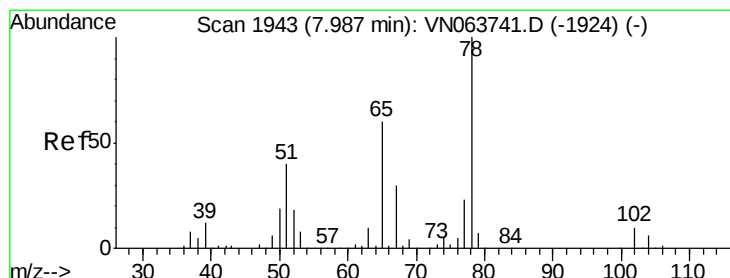
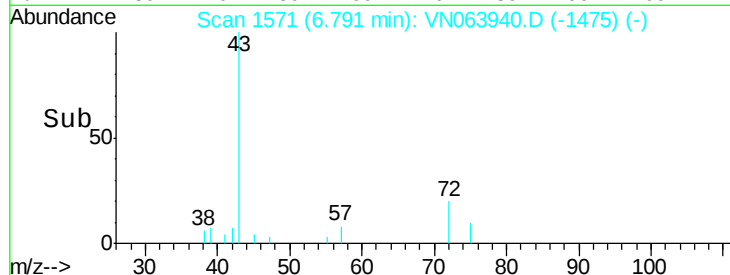
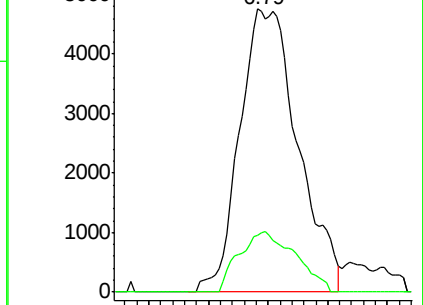
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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#33

1,2-Dichloroethane-d4

Concen: 52.510 ug/l

RT: 7.99 min Scan# 1944

Delta R.T. 0.00 min

Lab File: VN063940.D

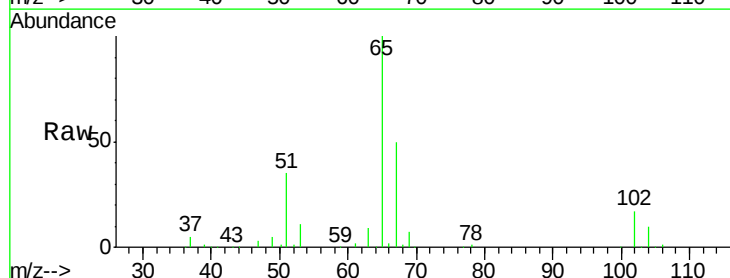
Acq: 7 Oct 2020 14:08

Tgt Ion: 65 Resp: 187181

Ion Ratio Lower Upper

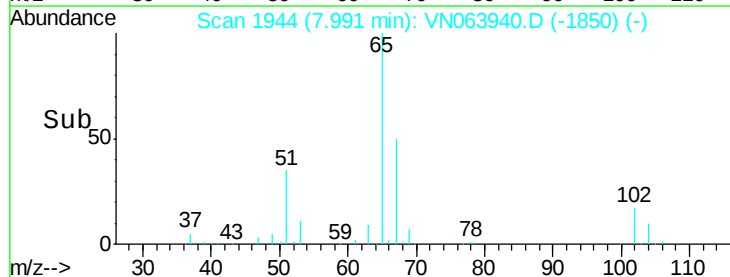
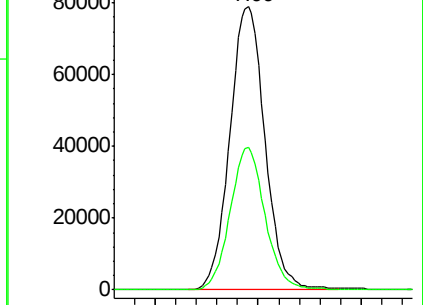
65 100

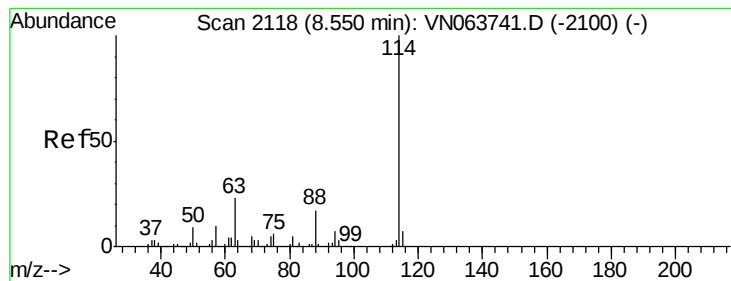
67 50.0 0.0 99.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN063940.D

Acq: 7 Oct 2020 14:08

Instrument :

MSVOA_N

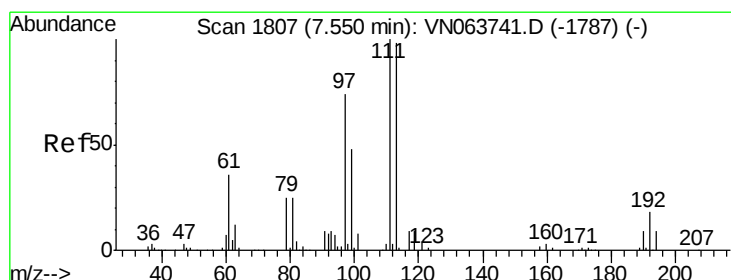
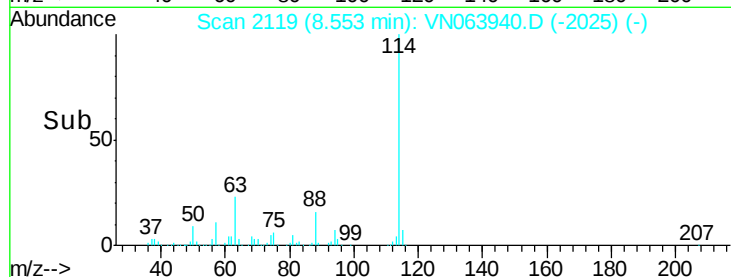
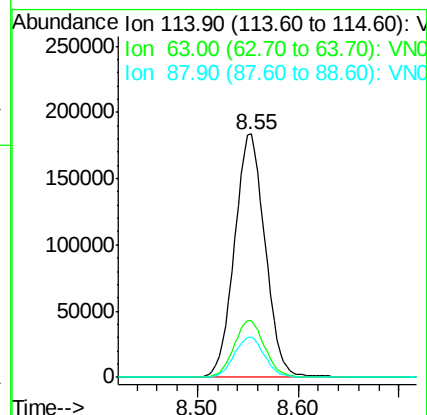
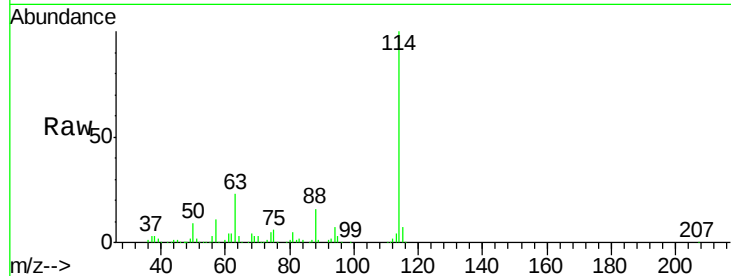
ClientSampled :

S-1

Tot Ion	Ratio	Resp	Lower	Upper
114	100	387169		
63	23.1	0.0	45.0	
88	16.4	0.0	34.0	

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#35

Dibromofluoromethane

Concen: 50.771 ug/l

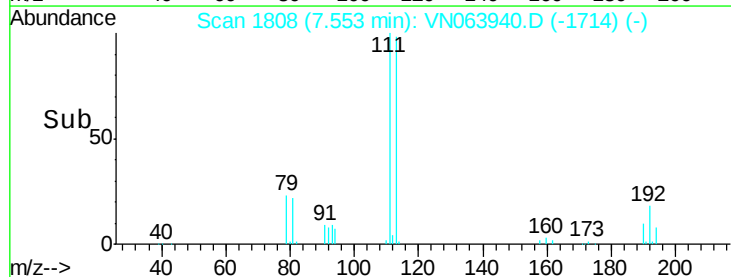
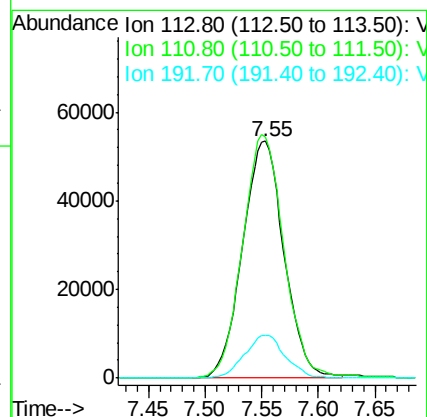
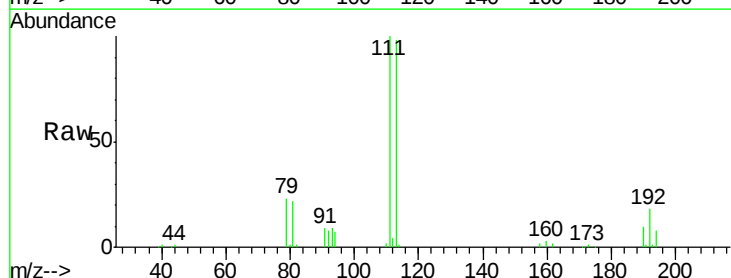
RT: 7.55 min Scan# 1808

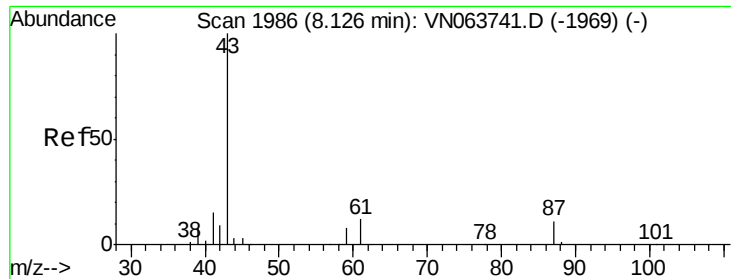
Delta R.T. 0.00 min

Lab File: VN063940.D

Acq: 7 Oct 2020 14:08

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	136396		
111	102.5	81.8	122.8	
192	17.7	14.2	21.2	





#43

Isopropyl Acetate

Concen: 1.470 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN063940.D

Acq: 7 Oct 2020 14:08

Instrument :

MSVOA_N

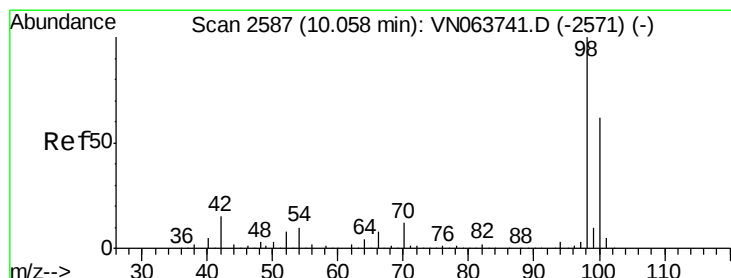
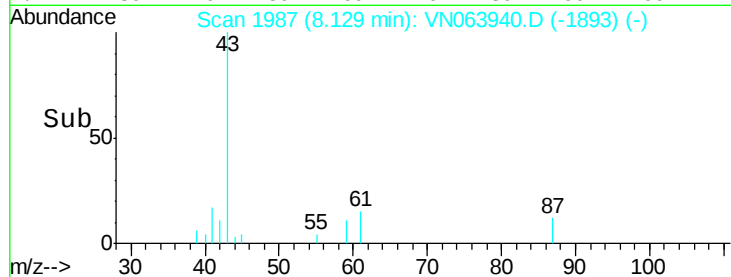
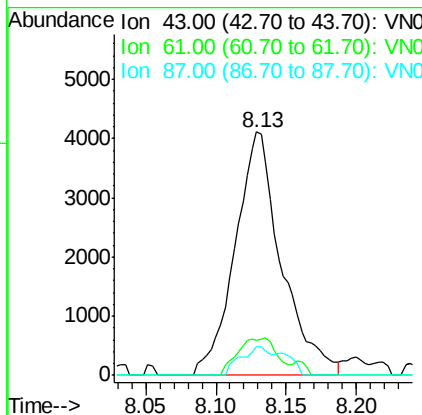
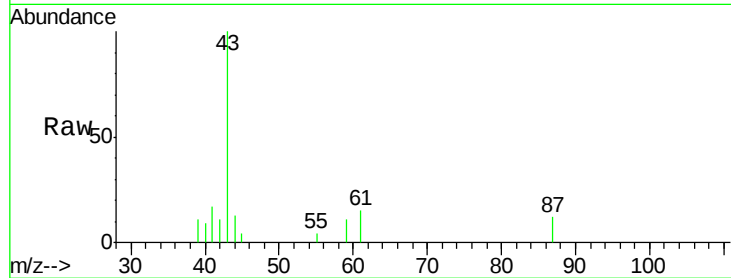
ClientSampled :

S-1

Tot Ion:	43	Resp:	9446
Ion	Ratio	Lower	Upper
43	100		
61	13.0	14.2	21.4#
87	7.9	9.0	13.6#

Manual Integrations
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#50

Toluene-d8

Concen: 48.926 ug/l

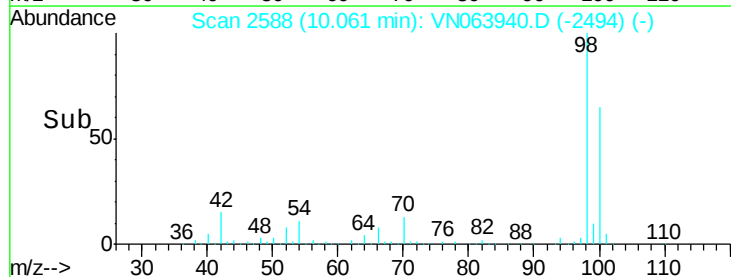
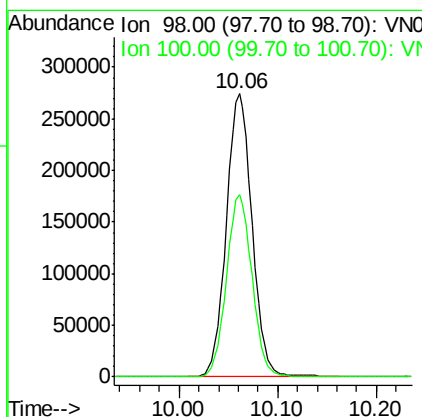
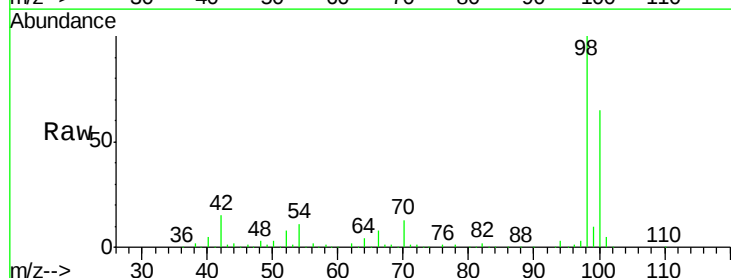
RT: 10.06 min Scan# 2588

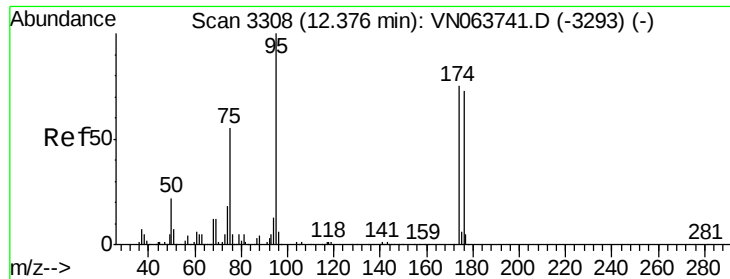
Delta R.T. 0.00 min

Lab File: VN063940.D

Acq: 7 Oct 2020 14:08

Tgt Ion:	98	Resp:	498268
Ion	Ratio	Lower	Upper
98	100		
100	63.9	49.8	74.6





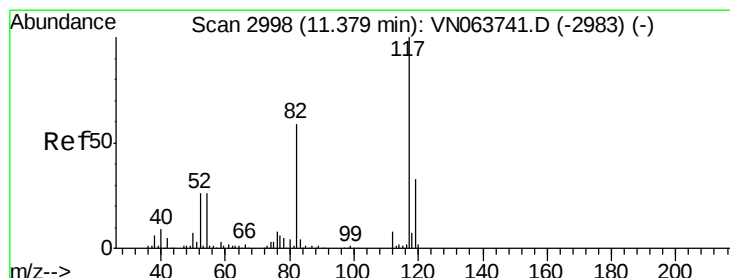
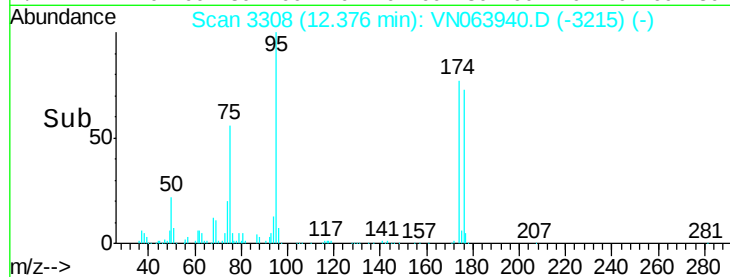
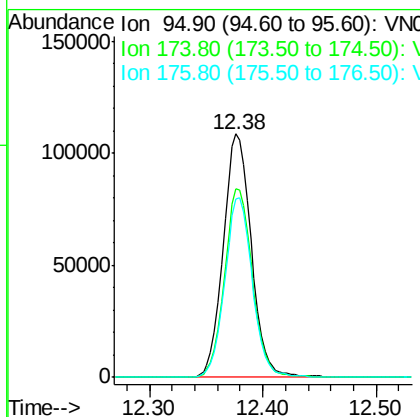
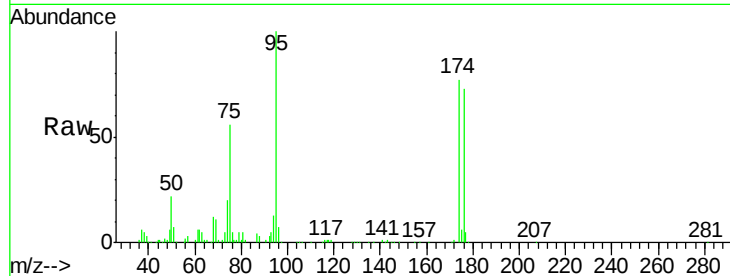
#62
4-Bromofluorobenzene
Concen: 48.901 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN063940.D
Acq: 7 Oct 2020 14:08

Instrument :
MSVOA_N
ClientSampleId :
S-1

Tot Ion	Ratio	Resp	Lower	Upper
95	100	187207		
174	76.7	0.0	150.6	
176	72.6	0.0	145.4	

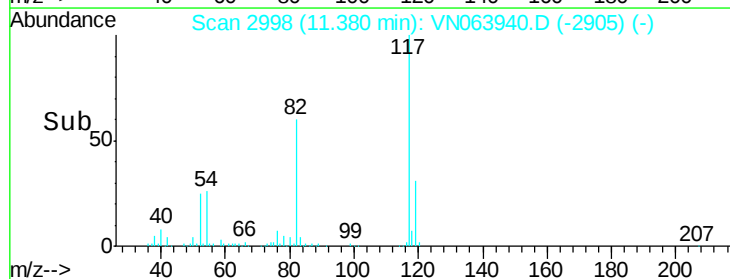
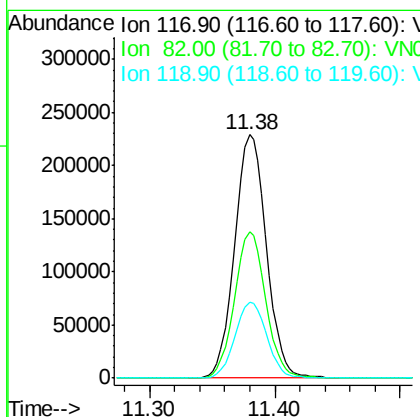
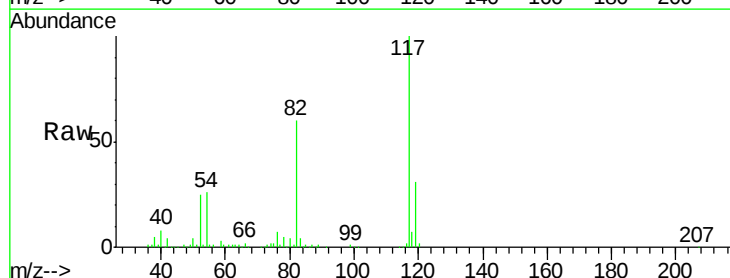
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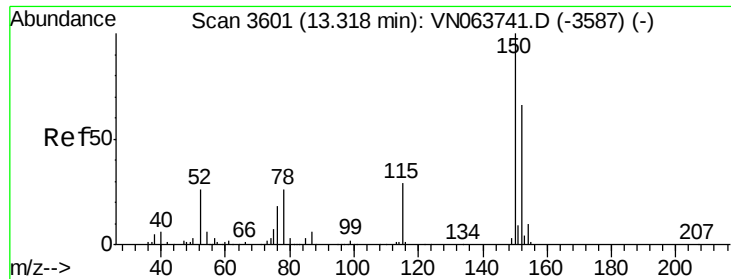
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063940.D
Acq: 7 Oct 2020 14:08

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	403069		
82	60.0	47.4	71.2	
119	31.0	26.4	39.6	





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN063940.D

Acq: 7 Oct 2020 14:08

Instrument :

MSVOA_N

ClientSampleId :

S-1

Tot Ion:152 Resp: 156792
Ion Ratio Lower Upper

152 100

115 62.7 31.3 93.8

150 158.1 0.0 341.8

Manual Integrations
APPROVED

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10/8/2020 10:08:43 AM

