

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032420\
 Data File : VN060679.D
 Acq On : 24 Mar 2020 17:53
 Operator : JC/MD
 Sample : L1994-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-4A

Manual Integrations
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MMDadoda
 3/25/2020 10:20:37 PM

Quant Time: Mar 25 10:08:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	198042	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	330210	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	313756	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	146286	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	128783	47.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.74%	
35) Dibromofluoromethane	7.56	113	97545	48.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.70%	
50) Toluene-d8	10.08	98	407859	50.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.02%	
62) 4-Bromofluorobenzene	12.40	95	155024	51.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.74%	
Target Compounds						
16) Acetone	3.79	43	7249	7.527	ug/l	98
20) Methylene Chloride	4.53	84	6334m	2.674	ug/l	
25) 2-Butanone	6.81	43	3207	2.058	ug/l #	90
43) Isopropyl Acetate	8.14	43	48405	8.495	ug/l #	91

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

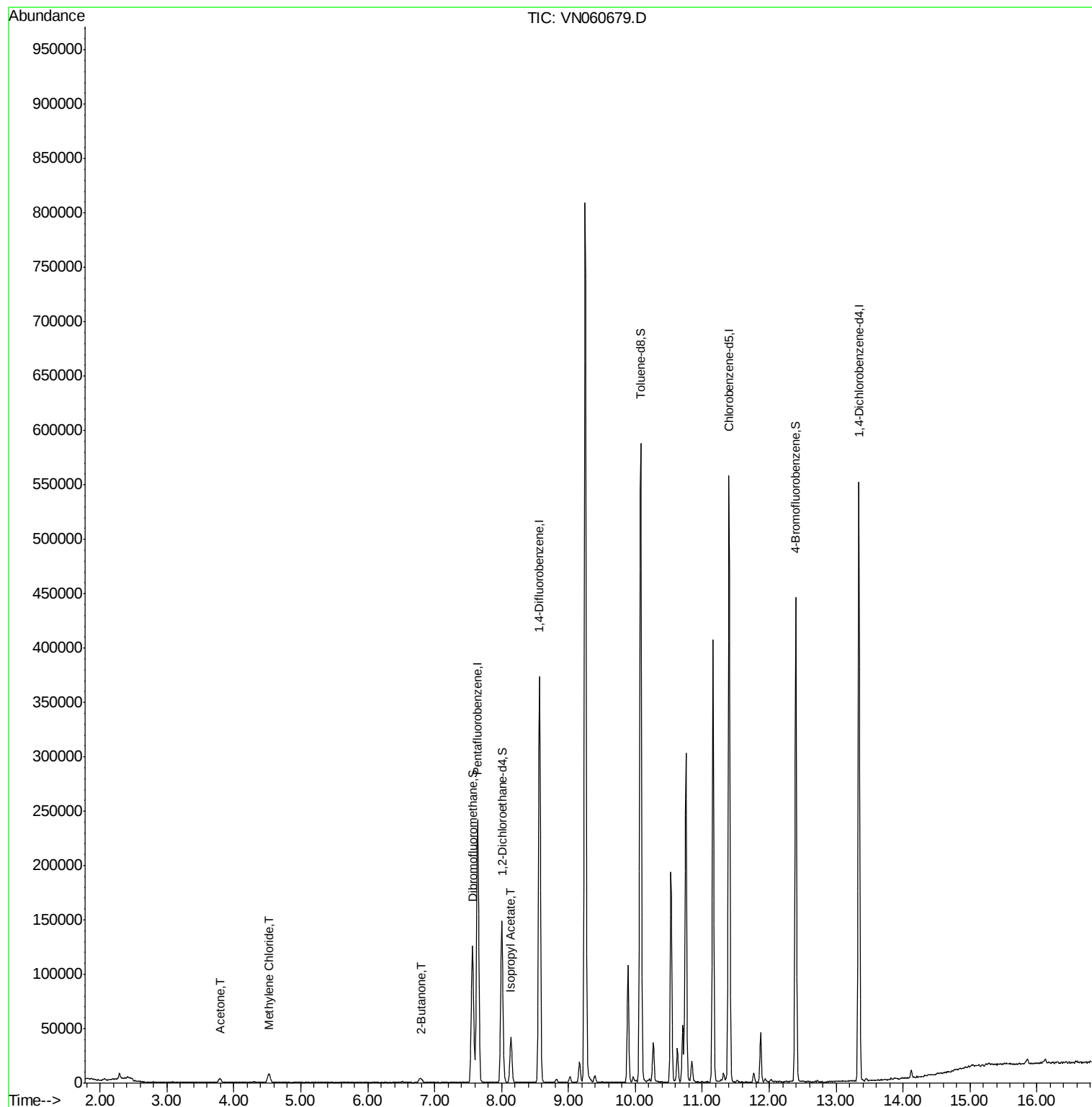
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN032420\
Data File : VN060679.D
Acq On : 24 Mar 2020 17:53
Operator : JC/MD
Sample : L1994-04
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 19 Sample Multiplier: 1

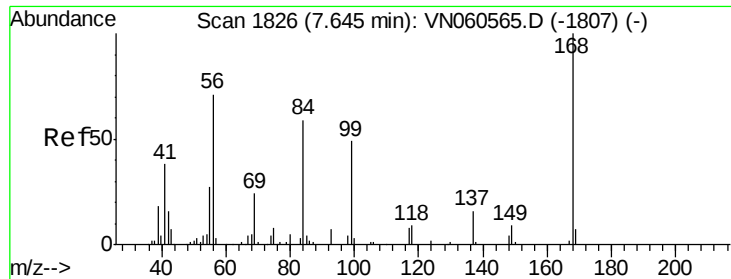
Instrument :
MSVOA_N
ClientSampleId :
TP-4A

Manual Integrations
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3/25/2020 10:20:37 PM

Quant Time: Mar 25 10:08:58 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 18 08:49:09 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060679.D

Acq: 24 Mar 2020 17:53

Instrument :

MSVOA_N

ClientSampled :

TP-4A

Tot Ion:168 Resp: 198042

Ion Ratio Lower Upper

168 100

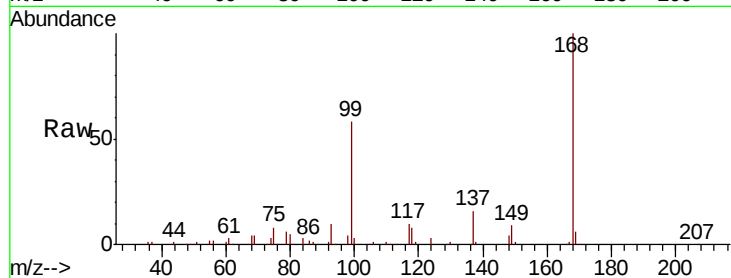
99 58.3 44.0 66.0

Manual Integrations

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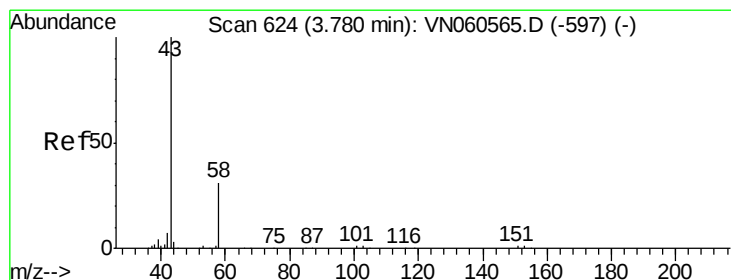
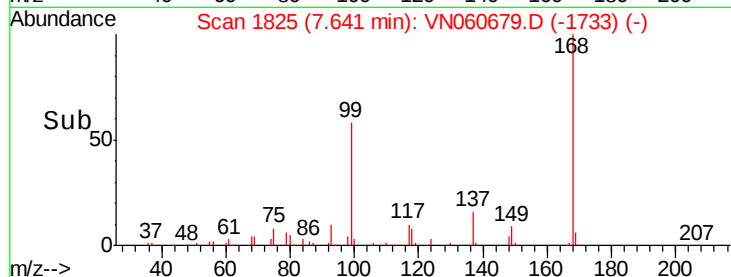
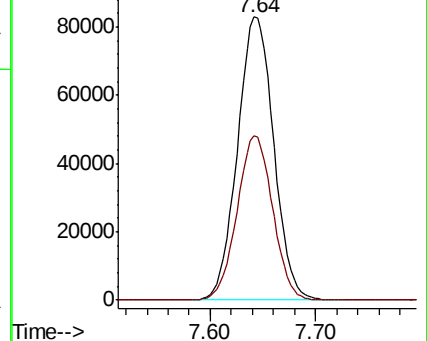
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 7.527 ug/l

RT: 3.79 min Scan# 627

Delta R.T. 0.01 min

Lab File: VN060679.D

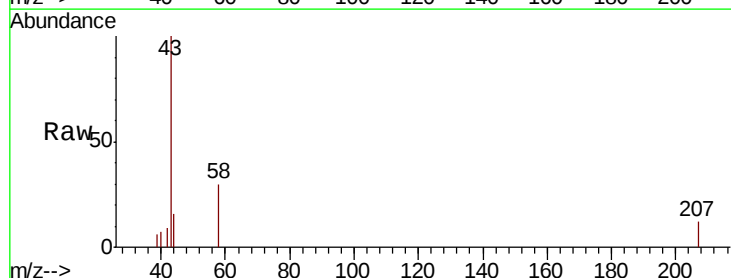
Acq: 24 Mar 2020 17:53

Tgt Ion: 43 Resp: 7249

Ion Ratio Lower Upper

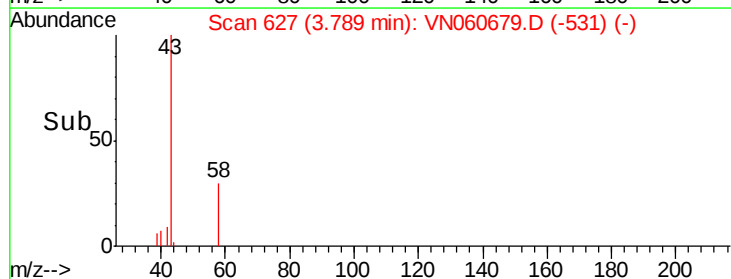
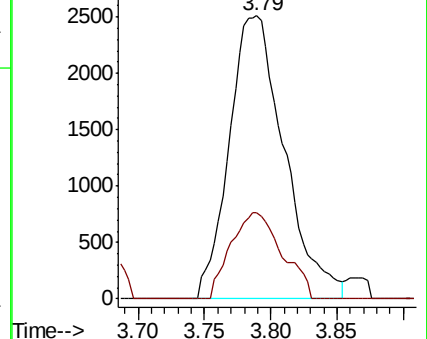
43 100

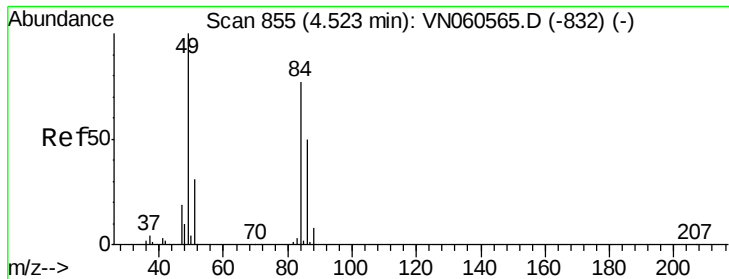
58 30.5 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





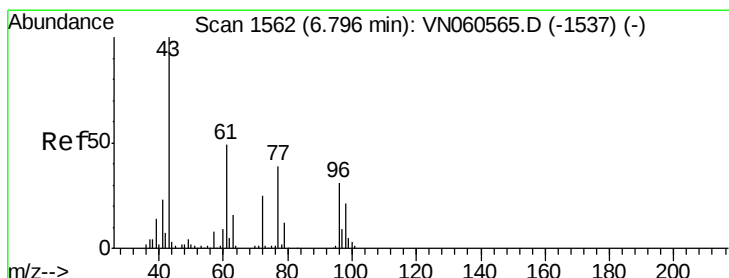
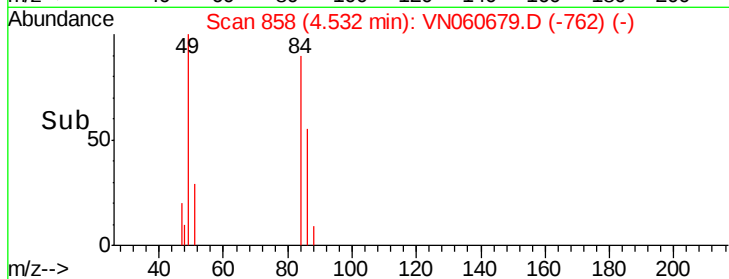
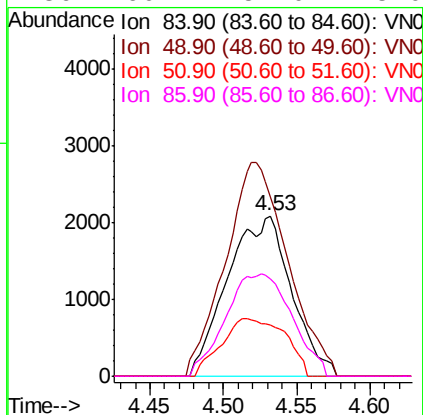
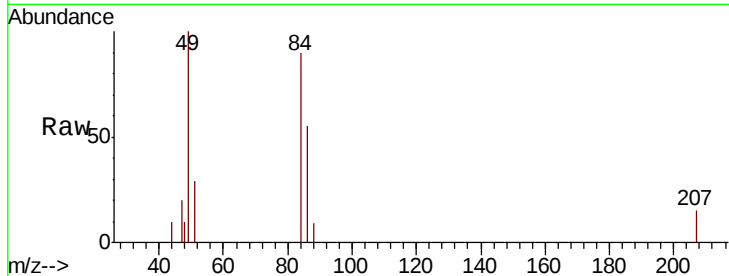
#20
Methylene Chloride
Concen: 2.674 ug/l
RT: 4.53 min Scan# 858
Delta R.T. 0.01 min
Lab File: VN060679.D
Acq: 24 Mar 2020 17:53

Instrument :
MSVOA_N
ClientSampled :
TP-4A

Tot Ion:	84	Resp:	6334
Ion	Ratio	Lower	Upper
84	100		
49	111.3	103.3	154.9
51	31.9	31.6	47.4
86	60.7	52.0	78.0

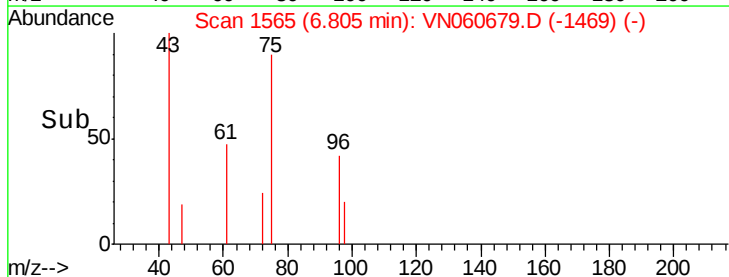
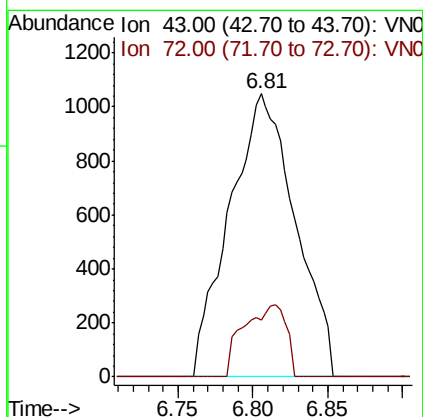
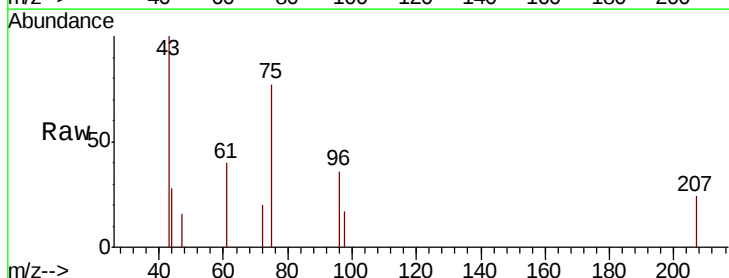
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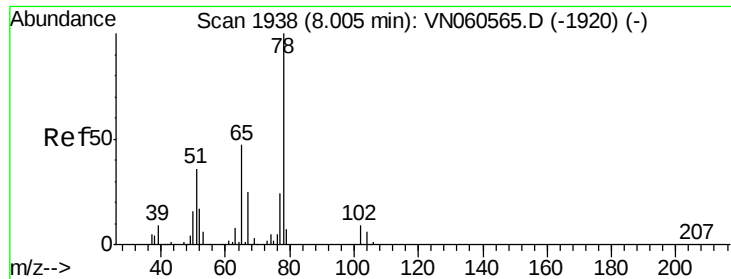
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#25
2-Butanone
Concen: 2.058 ug/l
RT: 6.81 min Scan# 1565
Delta R.T. 0.01 min
Lab File: VN060679.D
Acq: 24 Mar 2020 17:53

Tgt Ion:	43	Resp:	3207
Ion	Ratio	Lower	Upper
43	100		
72	20.3	20.4	30.6#





#33

1,2-Dichloroethane-d4

Concen: 47.370 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. -0.00 min

Lab File: VN060679.D

Acq: 24 Mar 2020 17:53

Instrument :

MSVOA_N

ClientSampled :

TP-4A

Tot Ion: 65 Resp: 128783

Ion Ratio Lower Upper

65 100

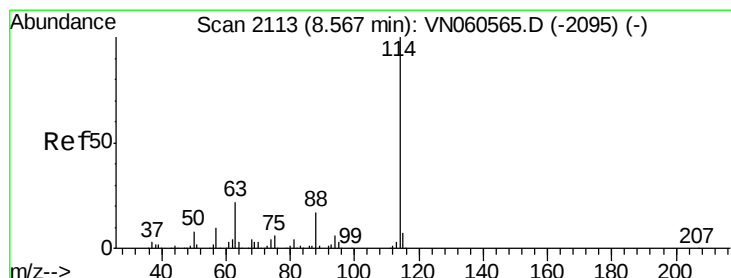
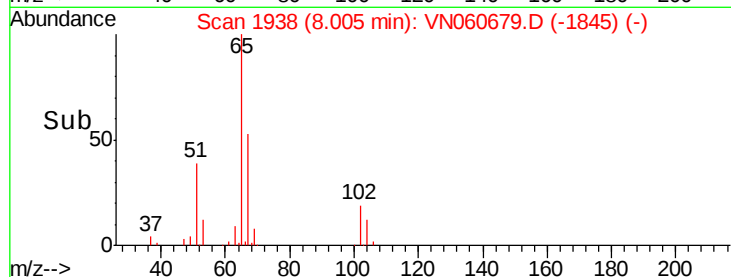
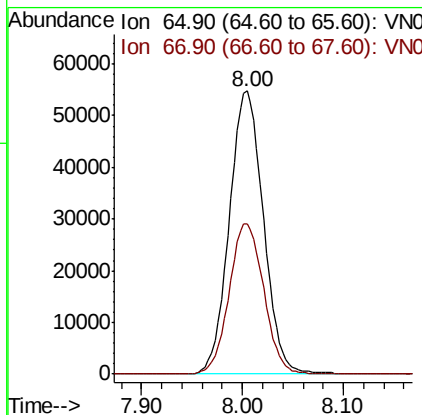
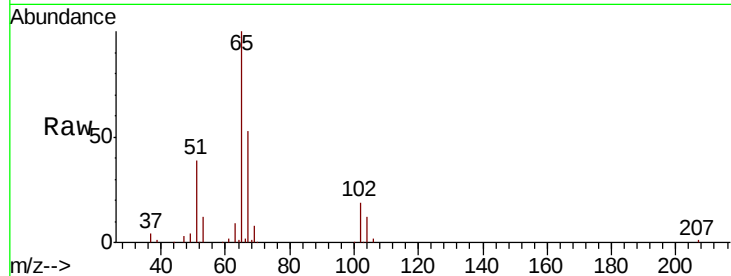
67 53.6 0.0 107.6

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. -0.00 min

Lab File: VN060679.D

Acq: 24 Mar 2020 17:53

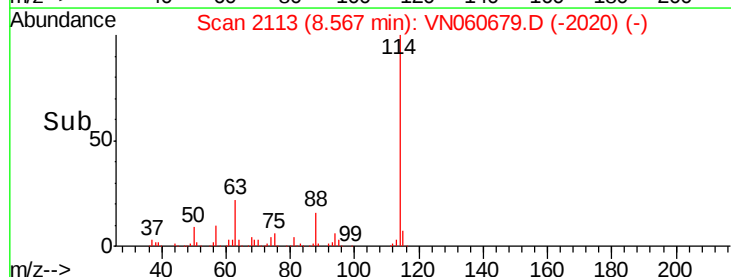
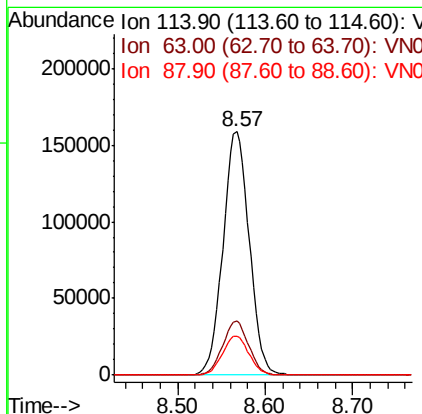
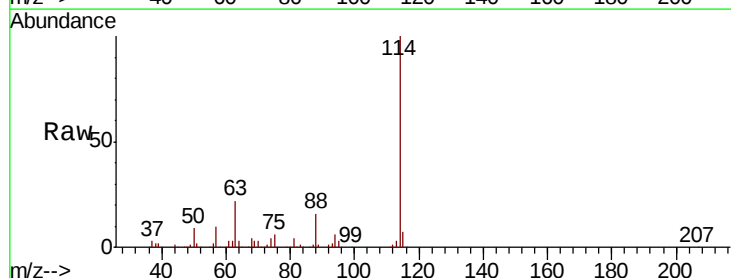
Tgt Ion: 114 Resp: 330210

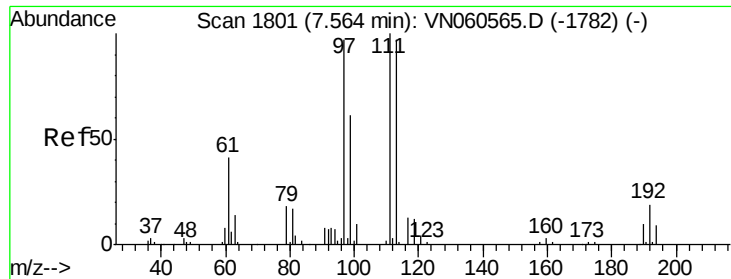
Ion Ratio Lower Upper

114 100

63 22.1 0.0 43.8

88 15.9 0.0 33.0





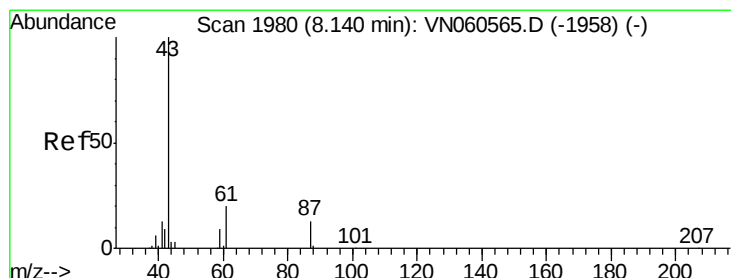
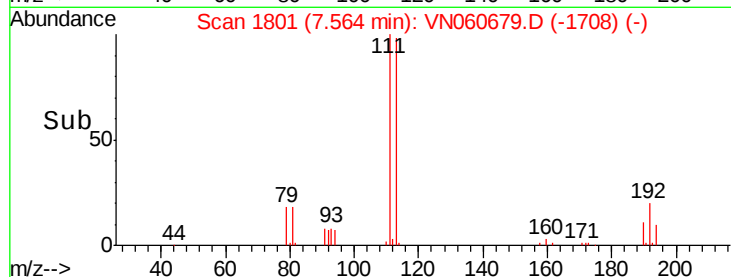
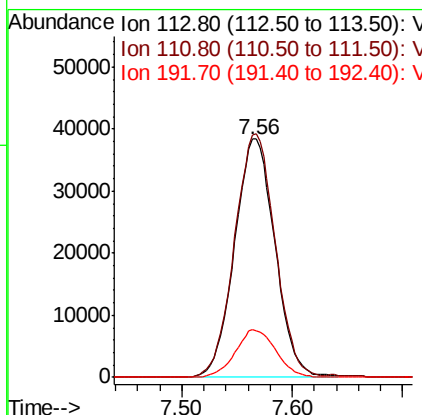
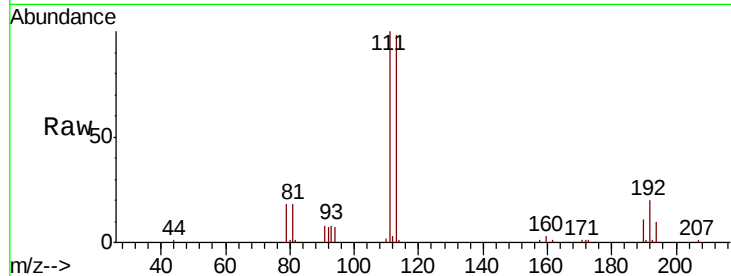
#35
 Dibromofluoromethane
 Concen: 48.854 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN060679.D
 Acq: 24 Mar 2020 17:53

Instrument :
 MSVOA_N
 ClientSampled :
 TP-4A

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.9	124.3
192	19.8	15.8	23.8

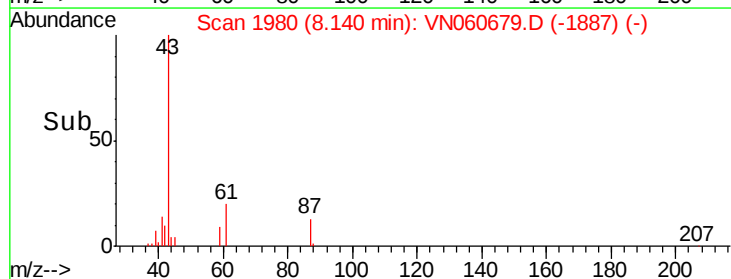
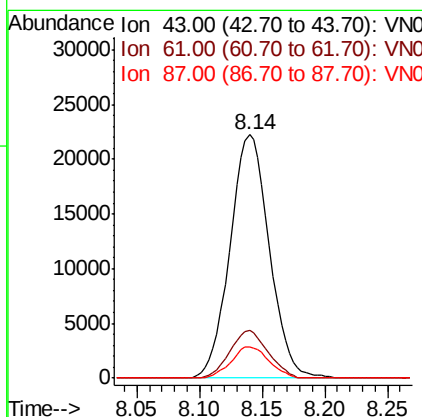
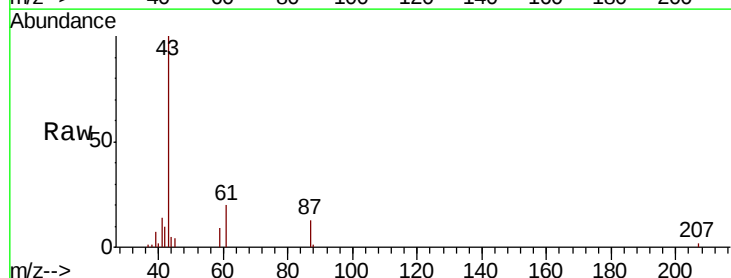
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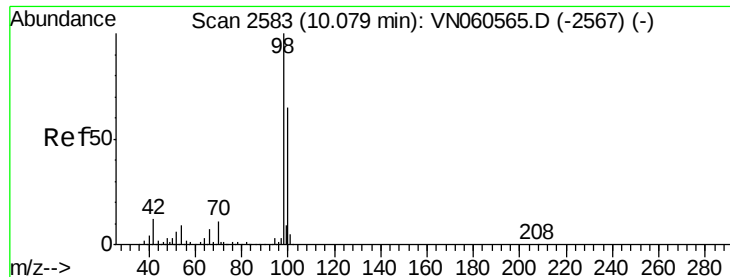
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#43
 Isopropyl Acetate
 Concen: 8.495 ug/l
 RT: 8.14 min Scan# 1980
 Delta R.T. -0.00 min
 Lab File: VN060679.D
 Acq: 24 Mar 2020 17:53

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.0	20.7	31.1#
87	12.4	9.8	14.8





#50

Toluene-d8

Concen: 50.009 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN060679.D

Acq: 24 Mar 2020 17:53

Instrument :

MSVOA_N

ClientSampleId :

TP-4A

Tot Ion: 98 Resp: 407859

Ion Ratio Lower Upper

98 100

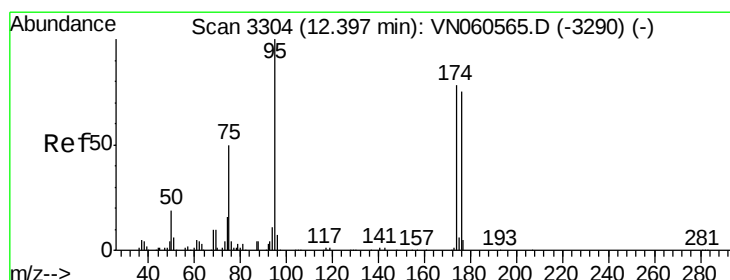
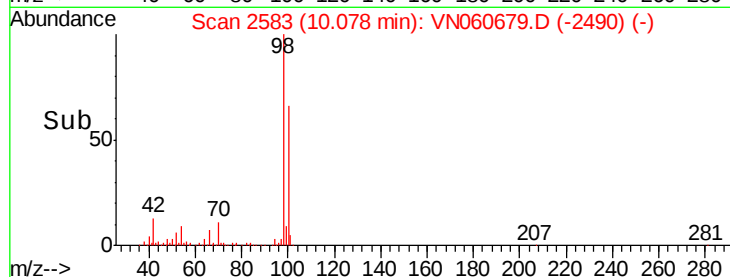
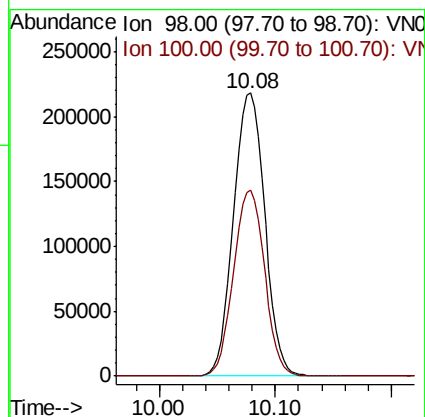
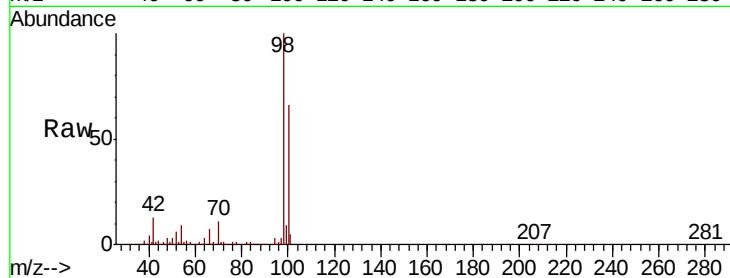
100 65.2 51.8 77.8

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 51.866 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060679.D

Acq: 24 Mar 2020 17:53

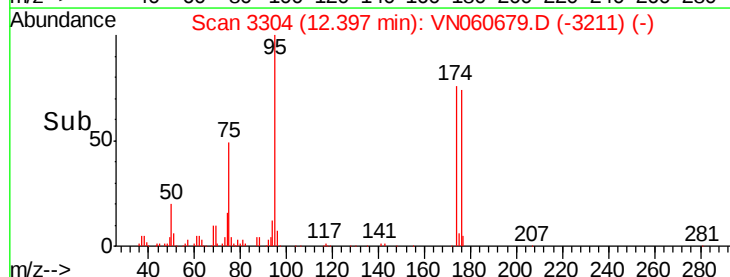
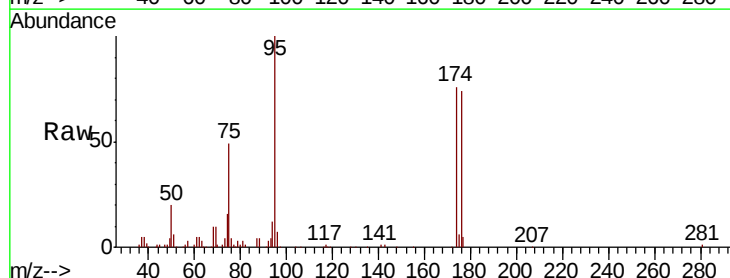
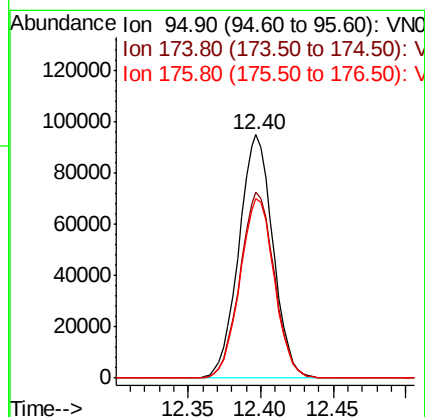
Tgt Ion: 95 Resp: 155024

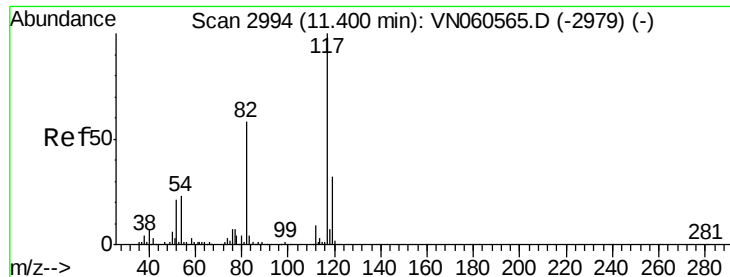
Ion Ratio Lower Upper

95 100

174 77.2 0.0 157.6

176 74.7 0.0 150.6





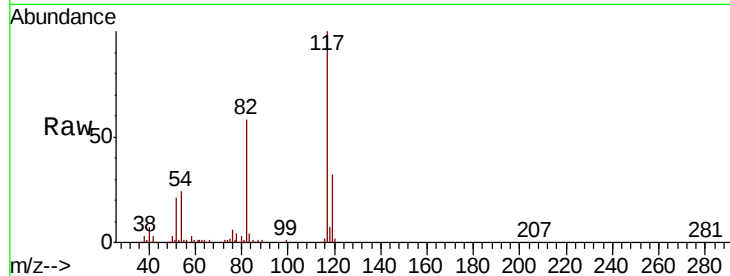
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060679.D
Acq: 24 Mar 2020 17:53

Instrument :
MSVOA_N
ClientSampled :
TP-4A

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.6	46.7	70.1
119	32.2	25.5	38.3

Manual Integrations
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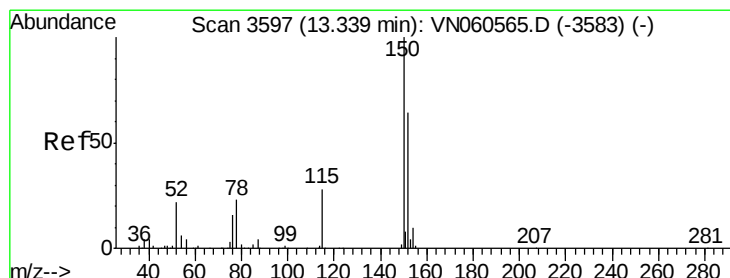
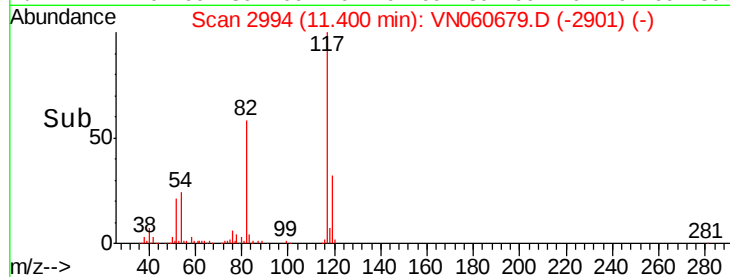
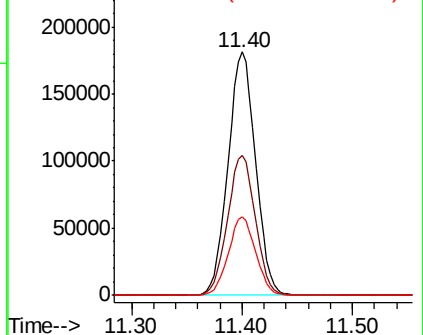


Abundance

Ion 116.90 (116.60 to 117.60): V

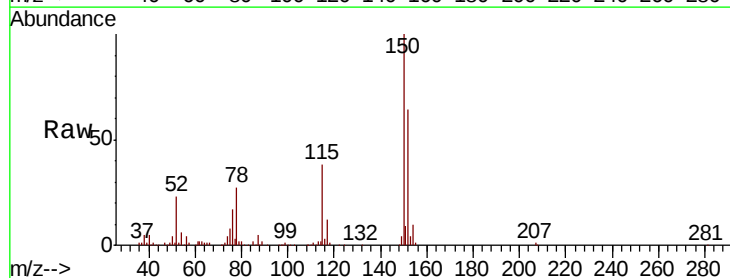
Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. -0.00 min
Lab File: VN060679.D
Acq: 24 Mar 2020 17:53

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.9	30.2	90.6
150	156.9	0.0	350.2



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

