

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101320\
 Data File : VN064103.D
 Acq On : 13 Oct 2020 15:58
 Operator : JC/MD
 Sample : L4300-02 10X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 223

Manual Integrations
 APPROVED

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 10/14/2020 2:09:14 PM

Quant Time: Oct 14 08:08:44 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	7.62	168	226007	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	404016	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	418228	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	188062	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	184831	49.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.00%	
35) Dibromofluoromethane	7.55	113	137801	49.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.32%	
50) Toluene-d8	10.06	98	519670	48.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.80%	
62) 4-Bromofluorobenzene	12.38	95	222473	55.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.38%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.73	59	2882m	6.991	ug/l	
16) Acetone	3.78	43	20370	17.723	ug/l	97
25) 2-Butanone	6.79	43	9764	5.992	ug/l #	87
86) p-Isopropyltoluene	13.26	119	4063	0.371	ug/l	98

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

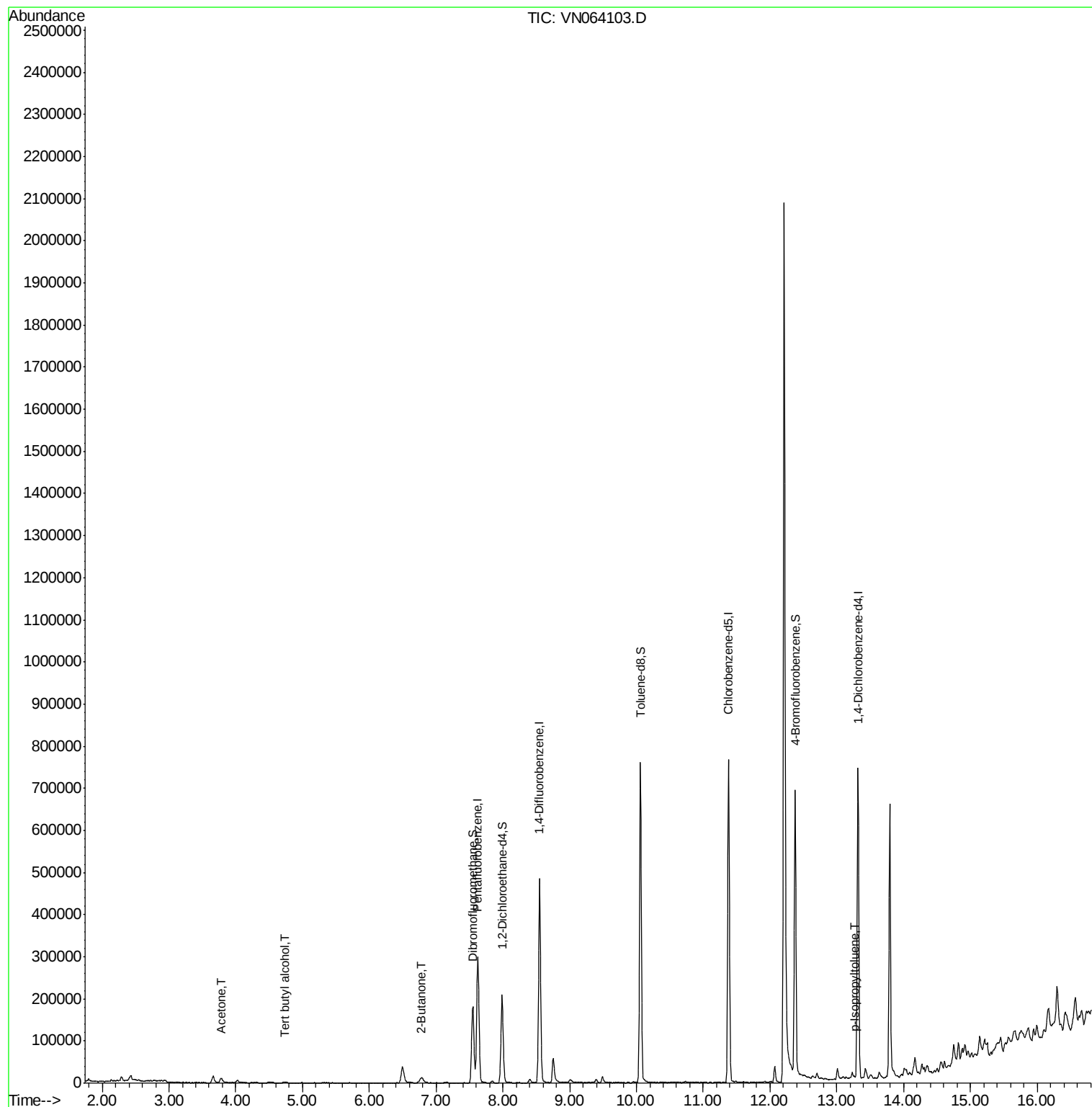
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101320\
Data File : VN064103.D
Acq On : 13 Oct 2020 15:58
Operator : JC/MD
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MSVOA_N
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223

Manual Integrations
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Quant Time: Oct 14 08:08:44 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064103.D

Acq: 13 Oct 2020 15:58

Instrument :

MSVOA_N

ClientSampleId :

223

Tot Ion:168 Resp: 226007

Ion Ratio Lower Upper

168 100

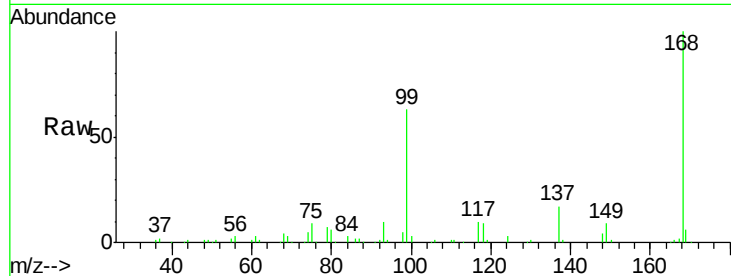
99 63.0 51.8 77.6

Manual Integrations

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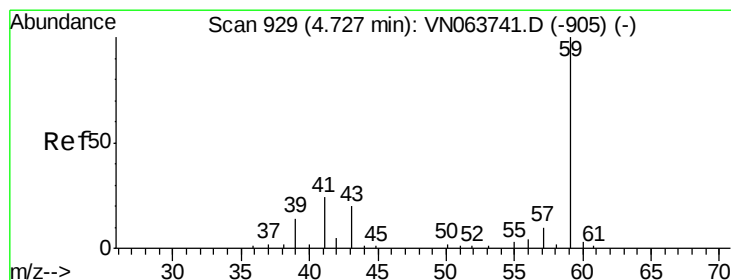
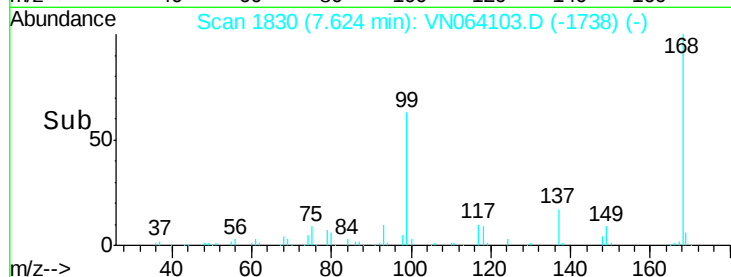
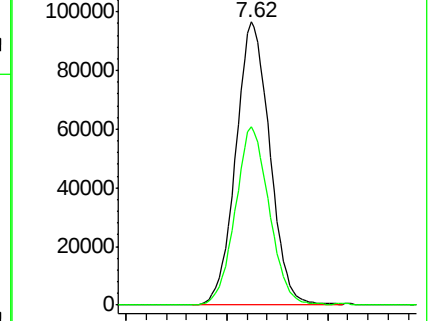
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#11

Tert butyl alcohol

Concen: 6.991 ug/l m

RT: 4.73 min Scan# 929

Delta R.T. 0.00 min

Lab File: VN064103.D

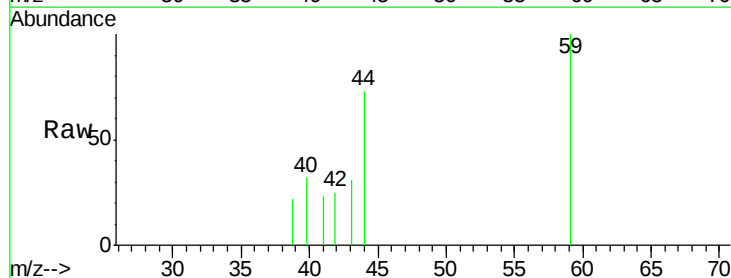
Acq: 13 Oct 2020 15:58

Tgt Ion: 59 Resp: 2882

Ion Ratio Lower Upper

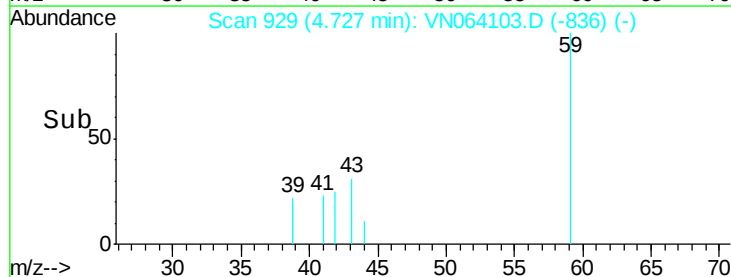
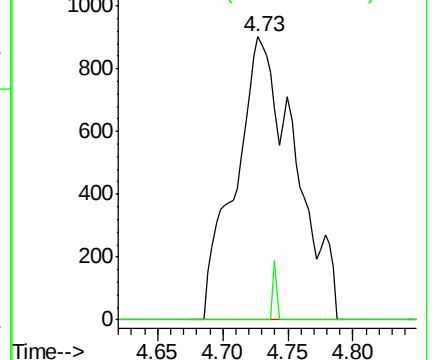
59 100

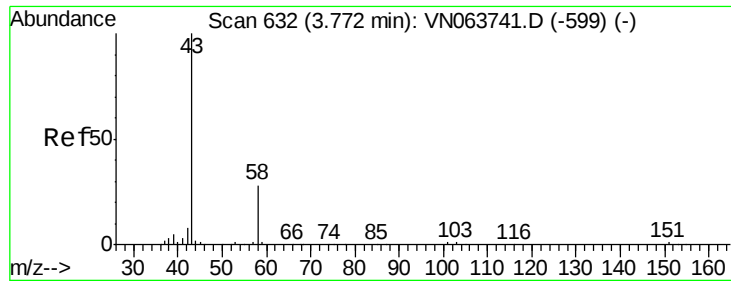
57 1.2 8.7 13.1#



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO





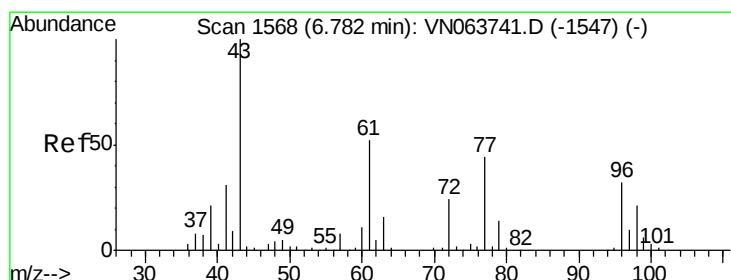
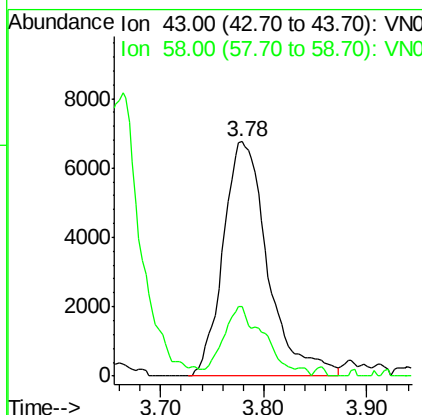
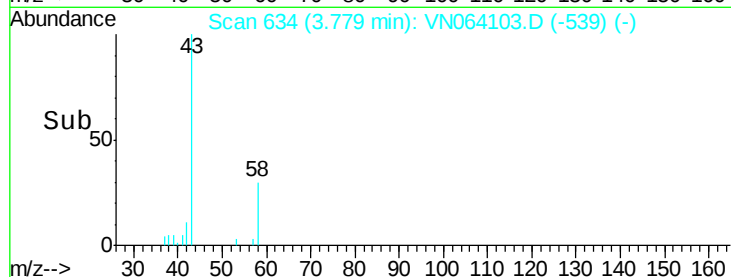
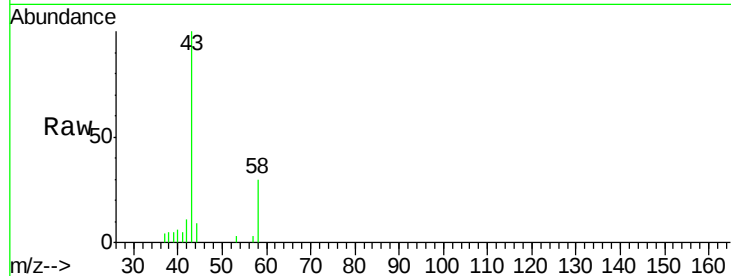
#16
Acetone
Concen: 17.723 ug/l
RT: 3.78 min Scan# 634
Delta R.T. 0.01 min
Lab File: VN064103.D
Acq: 13 Oct 2020 15:58

Instrument :
MSVOA_N
ClientSampleId :
223

Tot Ion: 43 Resp: 20370
Ion Ratio Lower Upper
43 100
58 29.7 22.3 33.5

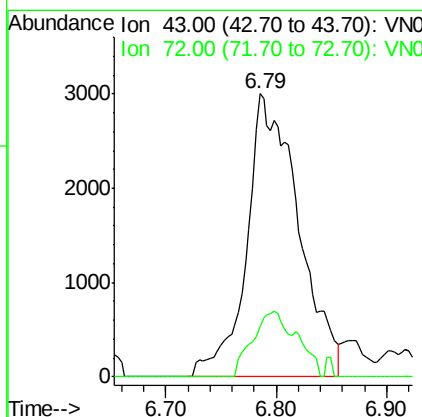
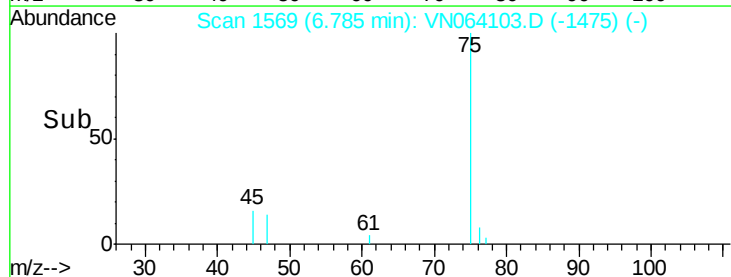
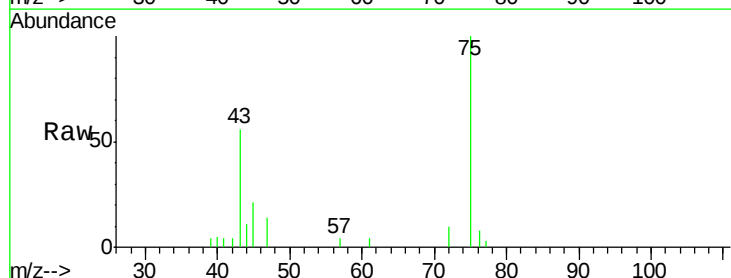
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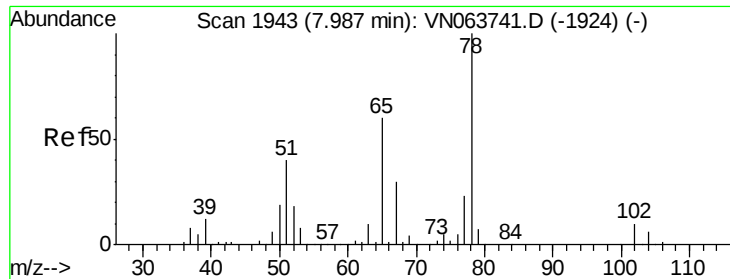
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#25
2-Butanone
Concen: 5.992 ug/l
RT: 6.79 min Scan# 1569
Delta R.T. 0.00 min
Lab File: VN064103.D
Acq: 13 Oct 2020 15:58

Tgt Ion: 43 Resp: 9764
Ion Ratio Lower Upper
43 100
72 17.8 19.3 28.9#





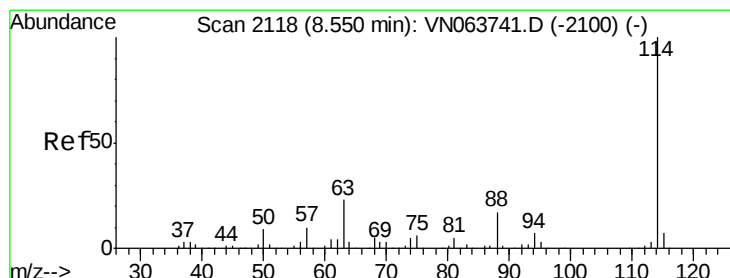
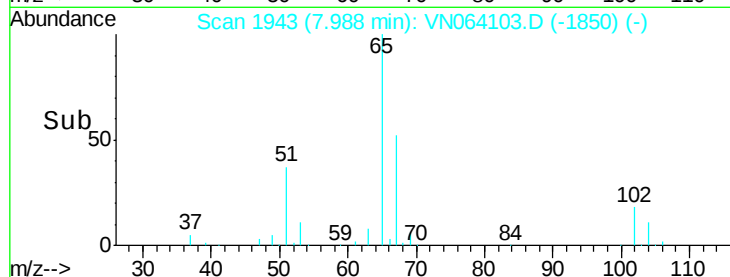
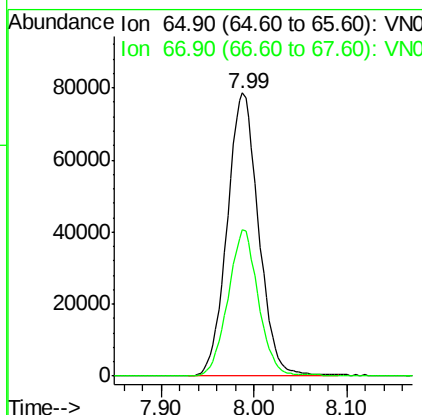
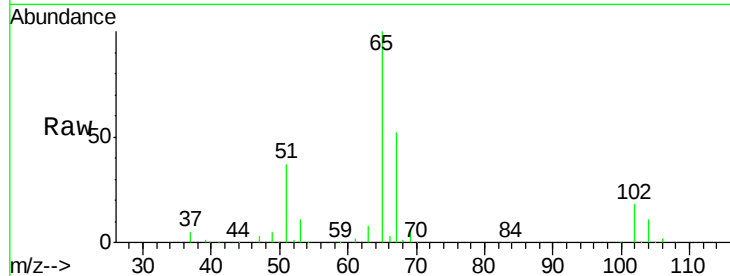
#33
 1,2-Dichloroethane-d4
 Concen: 49.502 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064103.D
 Acq: 13 Oct 2020 15:58

Instrument :
 MSVOA_N
 ClientSampled :
 223

Tot Ion	Ratio	Resp	Lower	Upper
65	100	184831		
67	49.7	0.0	99.6	

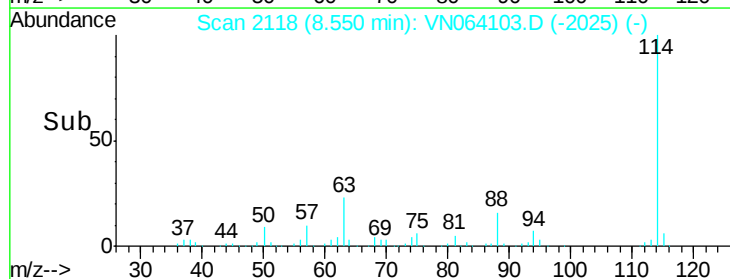
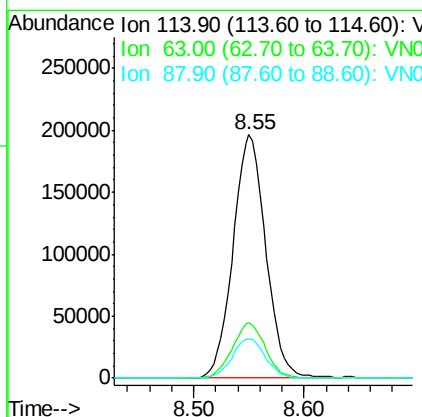
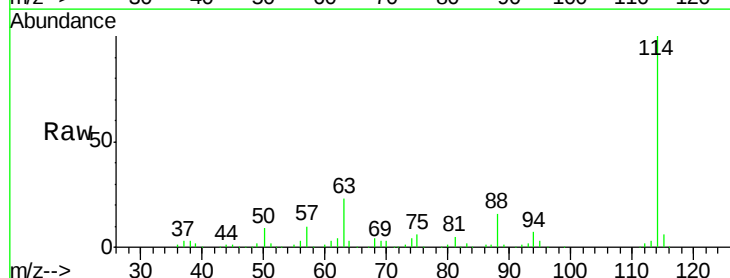
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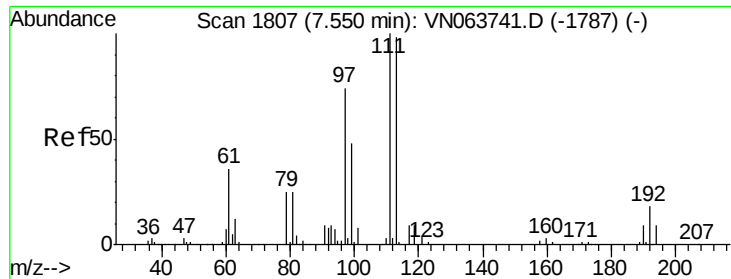
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064103.D
 Acq: 13 Oct 2020 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	404016		
63	22.6	0.0	45.0	
88	16.2	0.0	34.0	





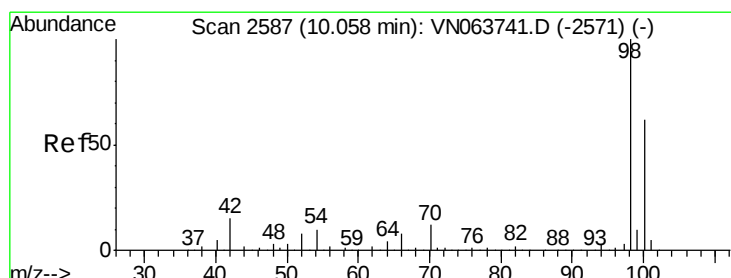
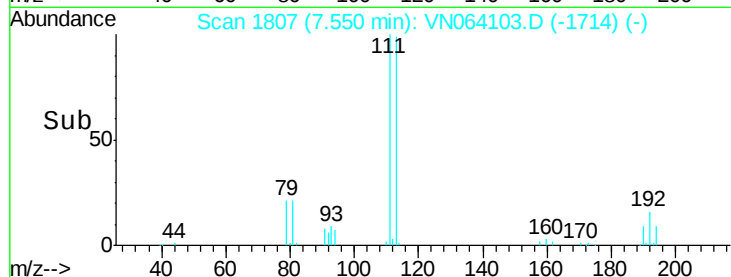
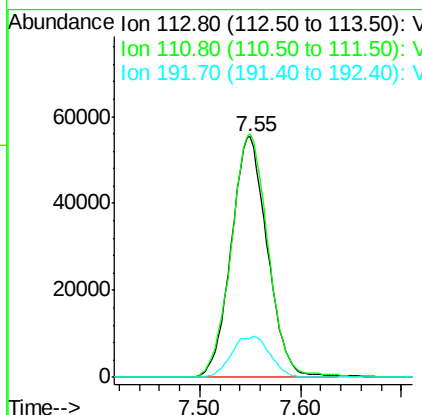
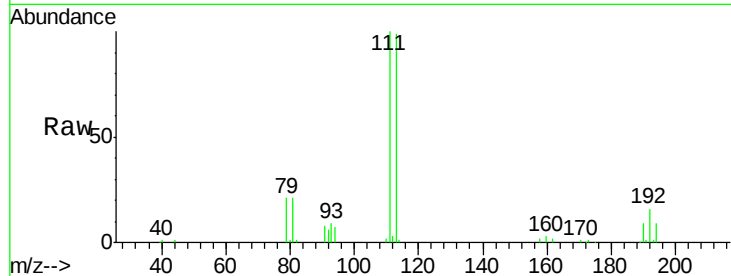
#35
Dibromofluoromethane
Concen: 49.155 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN064103.D
Acq: 13 Oct 2020 15:58

Instrument :
MSVOA_N
ClientSampleId :
223

Tot Ion	Ratio	Resp	Lower	Upper
113	100	137801		
111	102.4	81.8	122.8	
192	18.1	14.2	21.2	

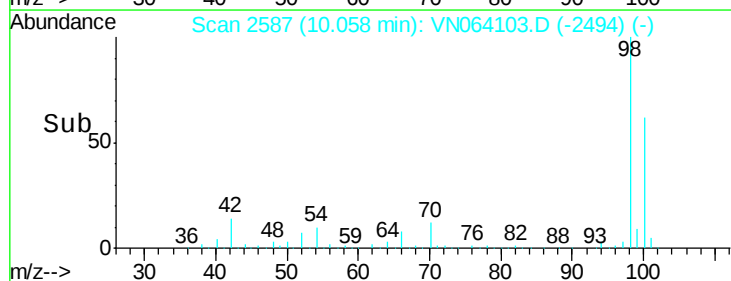
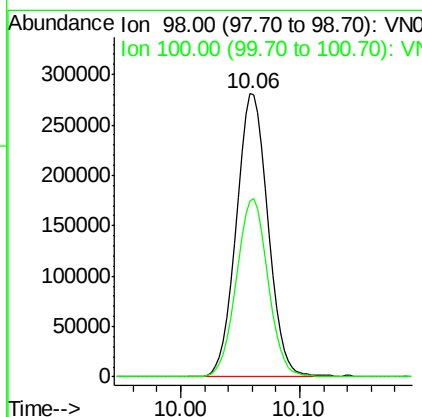
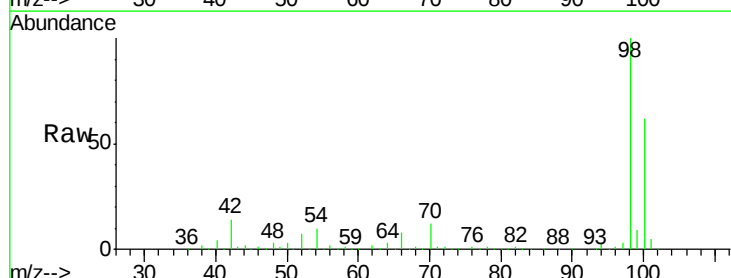
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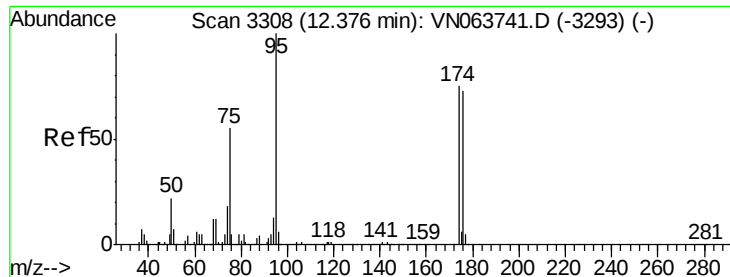
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#50
Toluene-d8
Concen: 48.900 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN064103.D
Acq: 13 Oct 2020 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	519670		
100	62.6	49.8	74.6	





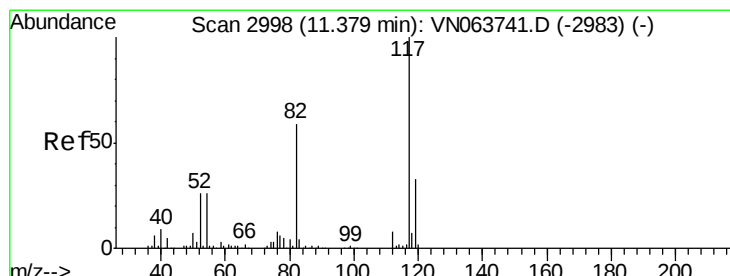
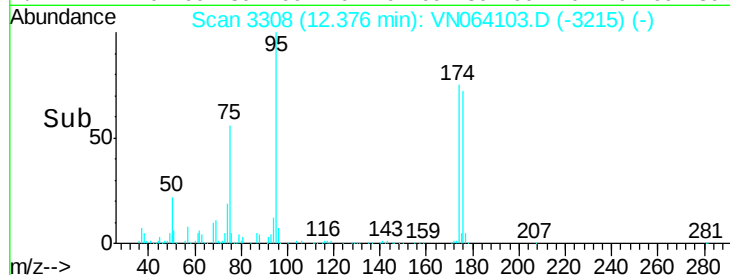
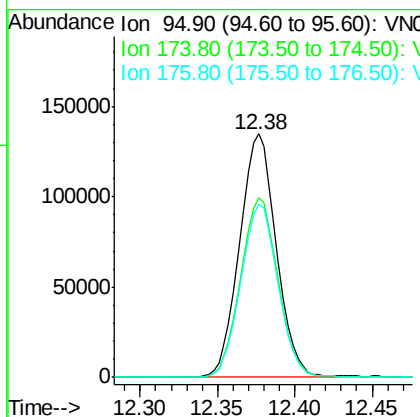
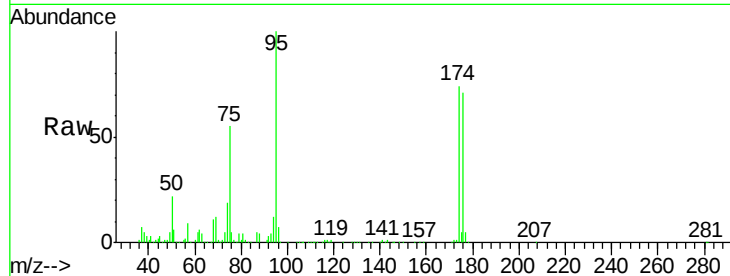
#62
4-Bromofluorobenzene
Concen: 55.689 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064103.D
Acq: 13 Oct 2020 15:58

Instrument :
MSVOA_N
ClientSampled :
223

Tot Ion	Ratio	Resp	Lower	Upper
95	100	222473		
174	75.2	0.0	150.6	
176	72.4	0.0	145.4	

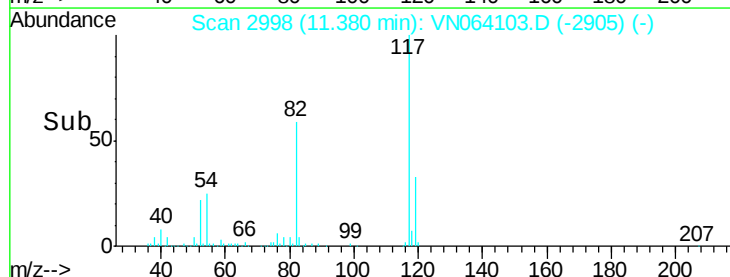
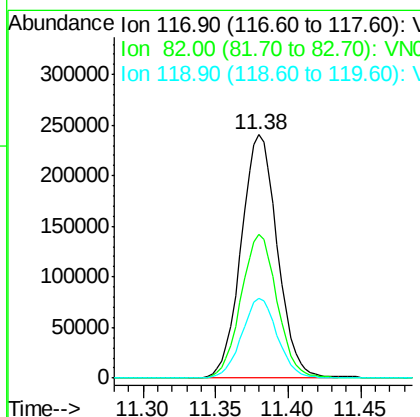
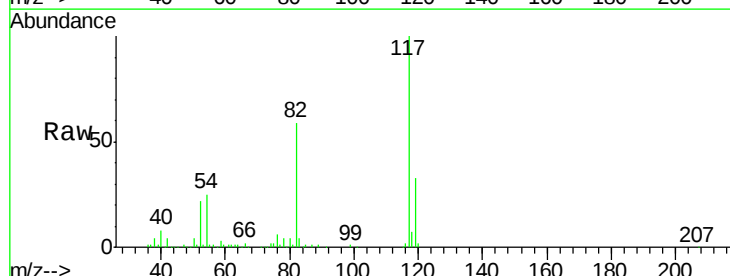
Manual Integrations
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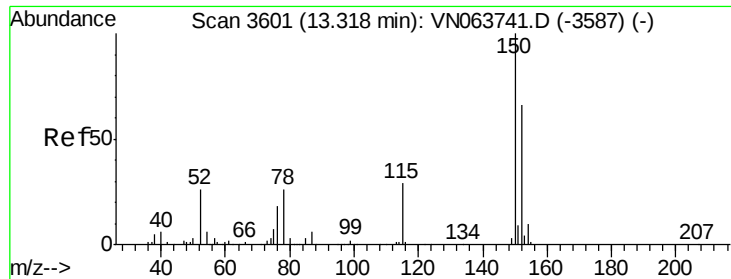
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064103.D
Acq: 13 Oct 2020 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	418228		
82	58.8	47.4	71.2	
119	32.7	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: VN064103.D

Acq: 13 Oct 2020 15:58

Instrument :

MSVOA_N

ClientSampled :

223

Tot Ion:152 Resp: 188062

Ion Ratio Lower Upper

152 100

115 63.5 31.3 93.8

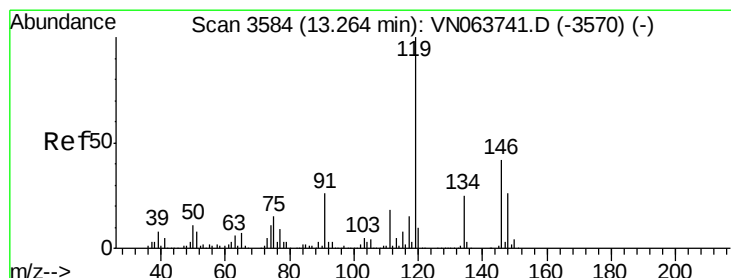
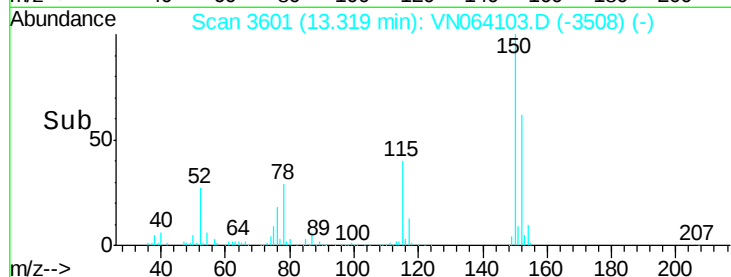
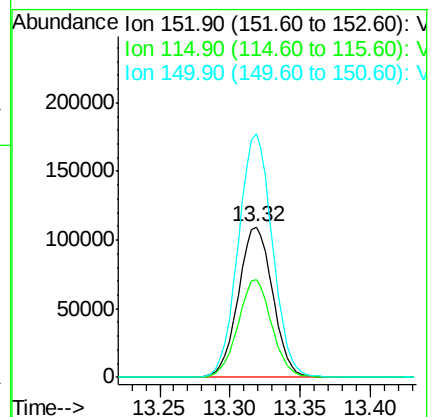
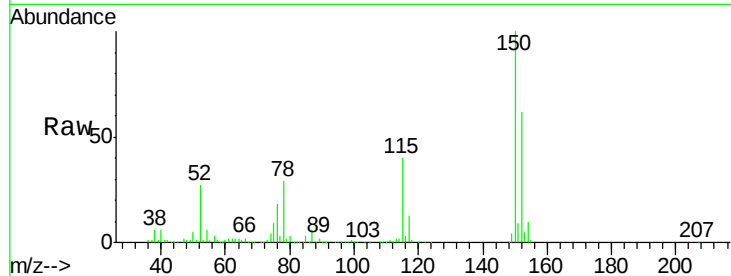
150 160.2 0.0 341.8

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 0.371 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN064103.D

Acq: 13 Oct 2020 15:58

Tgt Ion:119 Resp: 4063

Ion Ratio Lower Upper

119 100

134 24.9 12.6 37.8

91 25.2 13.4 40.2

