

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091419\
 Data File : VN058012.D
 Acq On : 13 Sep 2019 12:46
 Operator : JC/SP
 Sample : K4859-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IDW-GW800-091119

Manual Integrations
 APPROVED

MMDadoda
 9/16/2019 2:49:47 PM

Quant Time: Sep 14 03:04:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 03:02:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	260906	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	449534	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	405589	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	221440	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	310066	58.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.36%	
35) Dibromofluoromethane	7.65	113	367	0.09	ug/l	0.07
Spiked Amount	50.000		Recovery	=	0.18%	
50) Toluene-d8	10.09	98	794482	49.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.64%	
62) 4-Bromofluorobenzene	12.41	95	276063	44.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.94%	
Target Compounds						
16) Acetone	3.80	43	91856	53.024	ug/l	97
18) Methyl Acetate	4.32	43	6469m	1.401	ug/l	
25) 2-Butanone	6.82	43	14488	5.778	ug/l #	82
30) Chloroform	7.36	83	68838	9.448	ug/l	99
40) Benzene	8.04	78	4196	0.267	ug/l	93
44) Trichloroethene	8.83	130	1286	0.334	ug/l	81
52) Toluene	10.15	92	6489	0.656	ug/l	92
64) Tetrachloroethene	10.63	164	9475	3.164	ug/l	96
67) Ethyl Benzene	11.52	91	6394	0.344	ug/l	99
68) m/p-Xylenes	11.62	106	3978	0.584	ug/l	85
69) o-Xylene	11.95	106	9078	1.340	ug/l	99
95) Naphthalene	15.13	128	37642	1.376	ug/l	97

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

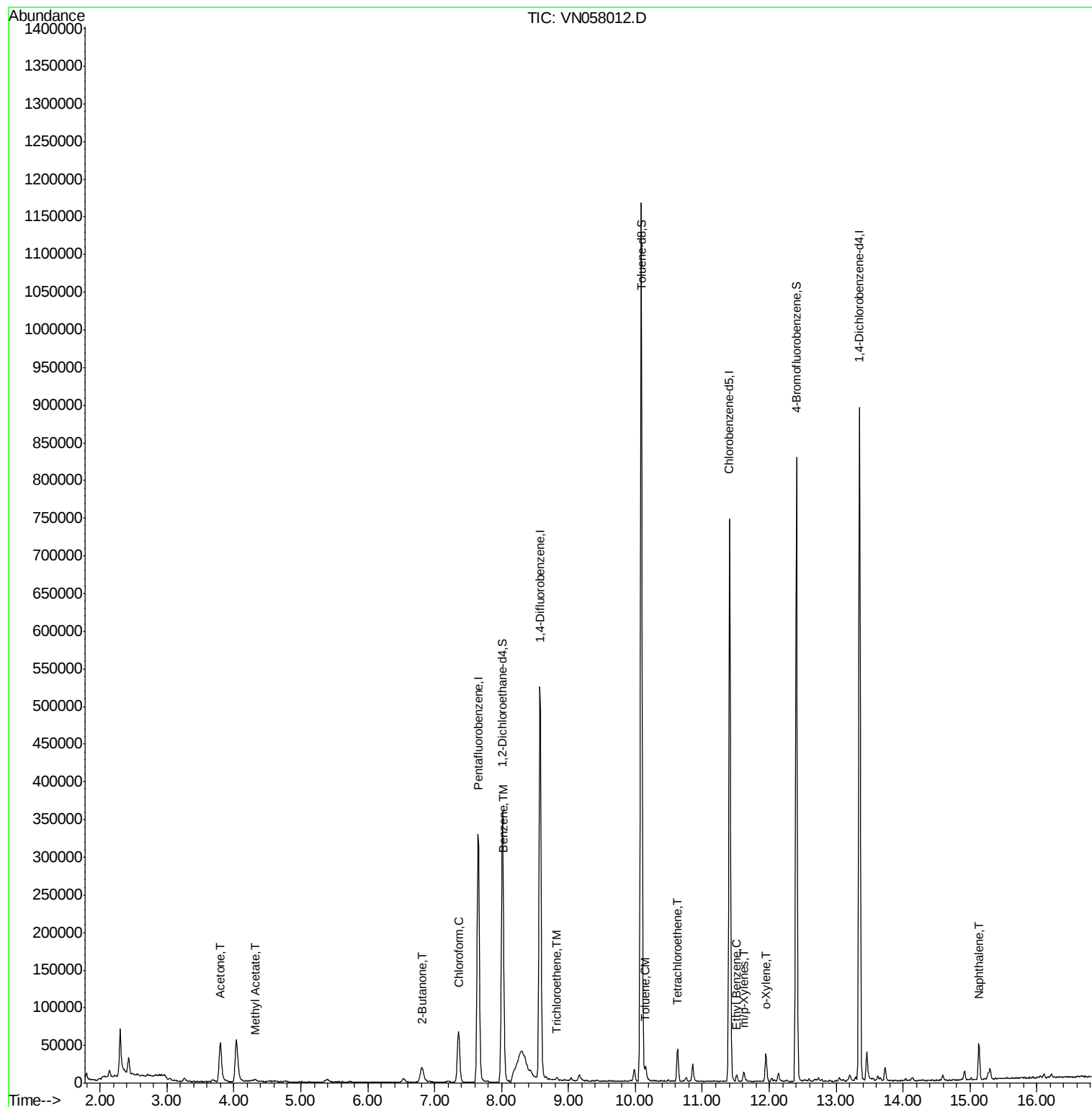
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN091419\
Data File : VN058012.D
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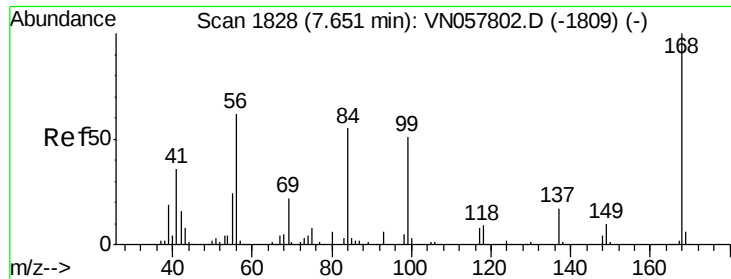
Instrument :
MSVOA_N
ClientSampleId :
IDW-GW800-091119

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9/16/2019 2:49:47 PM

Quant Time: Sep 14 03:04:50 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 10 03:02:13 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN058012.D

Acq: 13 Sep 2019 12:46

Instrument :

MSVOA_N

ClientSampleId :

IDW-GW800-091119

Tot Ion:168 Resp: 260906

Ion Ratio Lower Upper

168 100

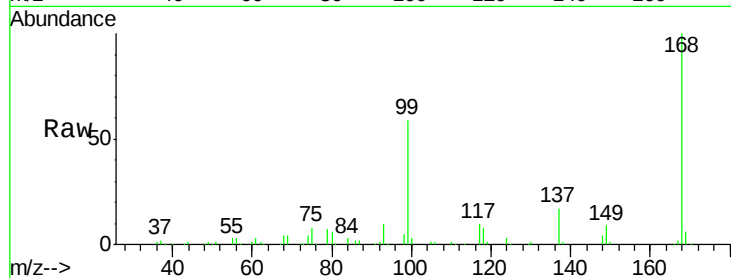
99 59.5 48.0 72.0

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

120000

100000

80000

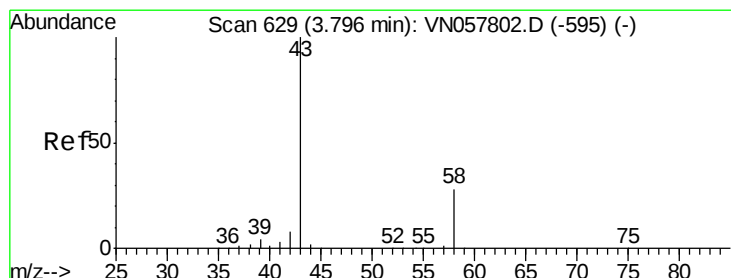
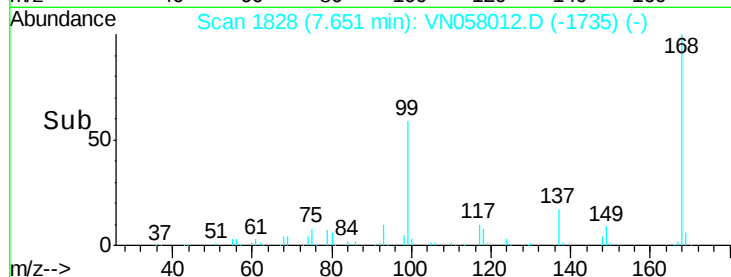
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 53.024 ug/l

RT: 3.80 min Scan# 629

Delta R.T. 0.00 min

Lab File: VN058012.D

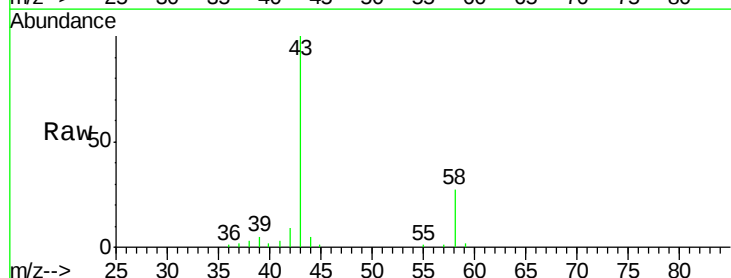
Acq: 13 Sep 2019 12:46

Tgt Ion: 43 Resp: 91856

Ion Ratio Lower Upper

43 100

58 26.3 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.80

40000

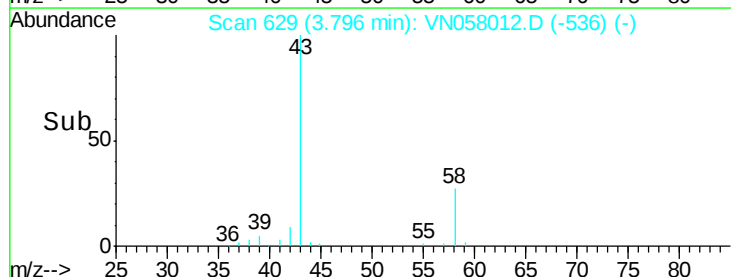
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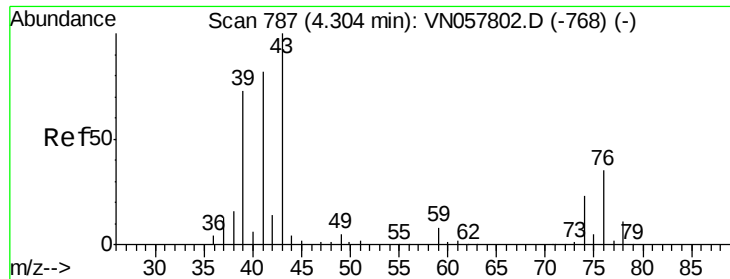
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Time-->





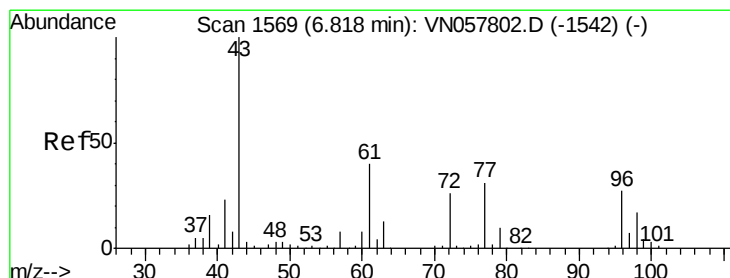
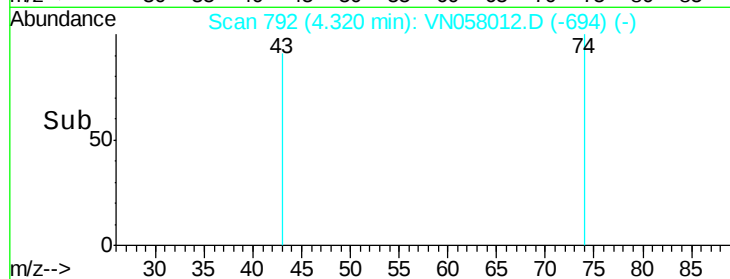
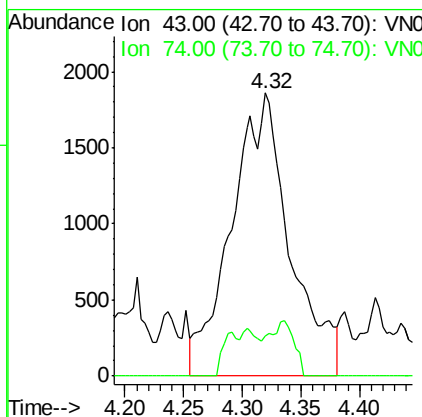
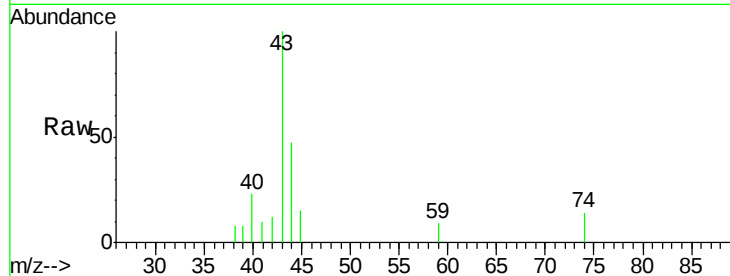
#18
Methyl Acetate
Concen: 1.401 ug/l m
RT: 4.32 min Scan# 792
Delta R.T. 0.02 min
Lab File: VN058012.D
Acq: 13 Sep 2019 12:46

Instrument :
MSVOA_N
ClientSampleId :
IDW-GW800-091119

Tot Ion: 43 Resp: 6469
Ion Ratio Lower Upper
43 100
74 4.9 17.9 26.9#

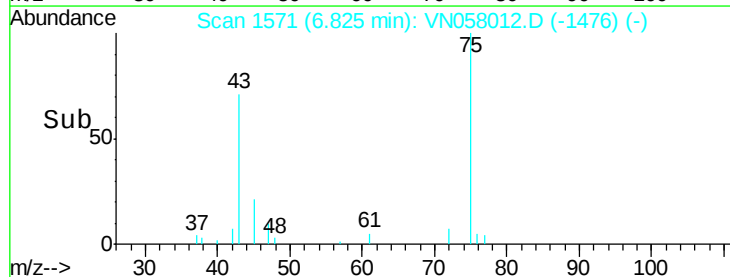
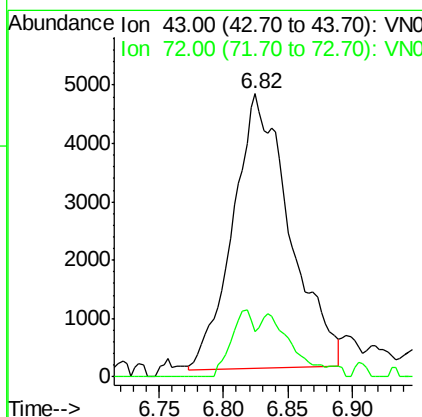
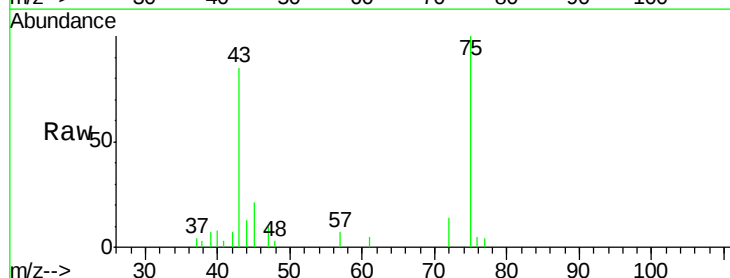
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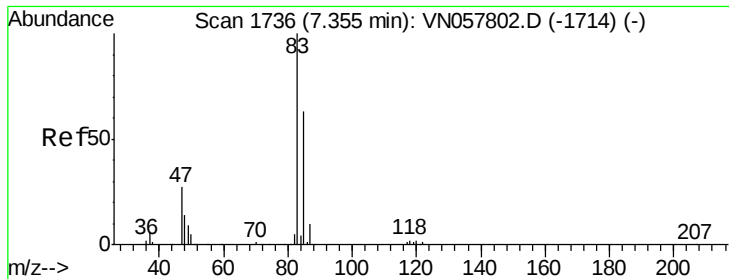
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#25
2-Butanone
Concen: 5.778 ug/l
RT: 6.82 min Scan# 1571
Delta R.T. 0.01 min
Lab File: VN058012.D
Acq: 13 Sep 2019 12:46

Tgt Ion: 43 Resp: 14488
Ion Ratio Lower Upper
43 100
72 16.7 20.6 30.8#





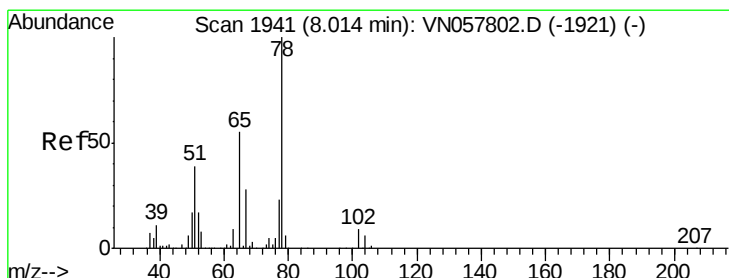
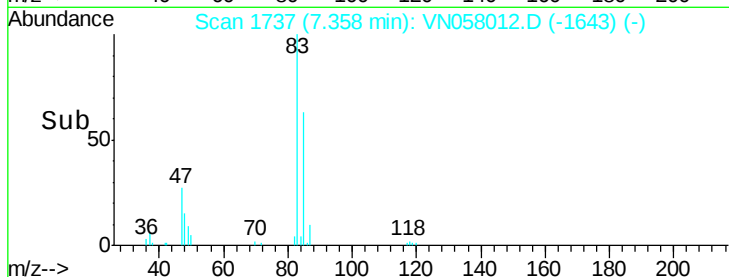
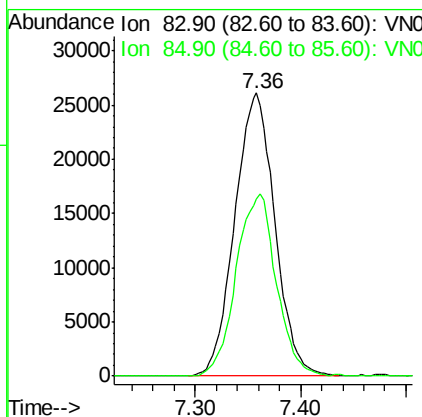
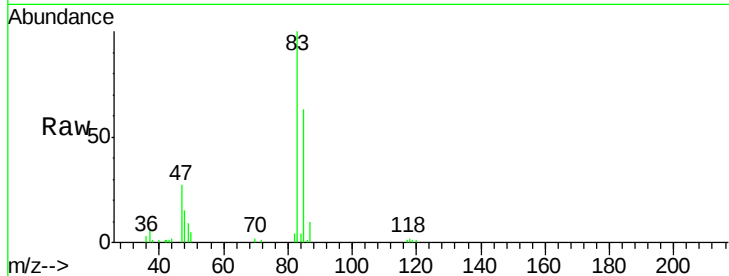
#30
Chloroform
Concen: 9.448 ug/l
RT: 7.36 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VN058012.D
Acq: 13 Sep 2019 12:46

Instrument :
MSVOA_N
ClientSampleId :
IDW-GW800-091119

Tot Ion	83	Resp	68838
Ion Ratio	100	Lower	Upper
85	62.6	50.6	75.8

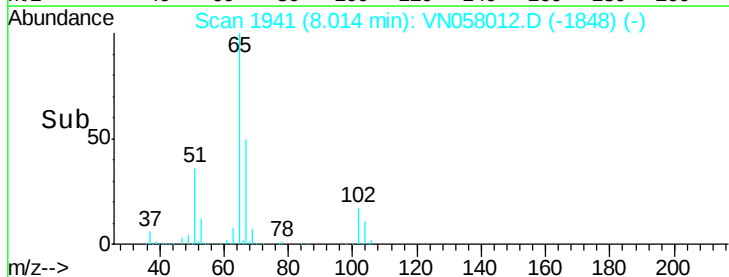
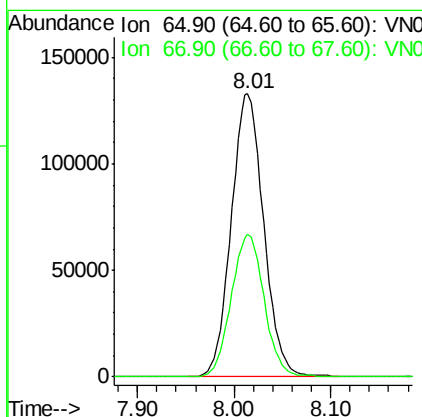
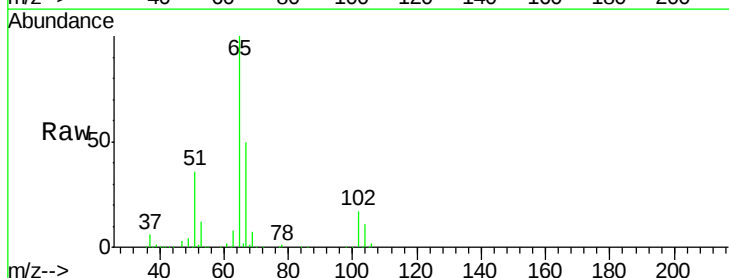
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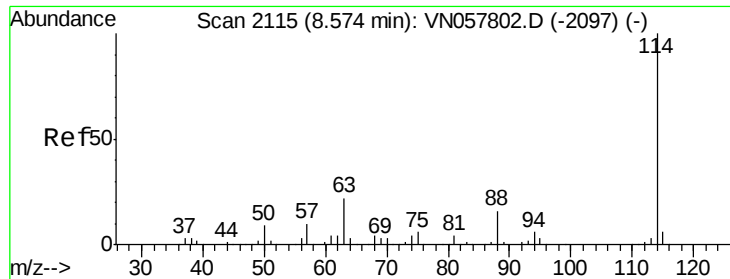
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#33
1,2-Dichloroethane-d4
Concen: 58.675 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. 0.00 min
Lab File: VN058012.D
Acq: 13 Sep 2019 12:46

Tgt Ion	65	Resp	310066
Ion Ratio	100	Lower	Upper
67	50.9	0.0	104.0





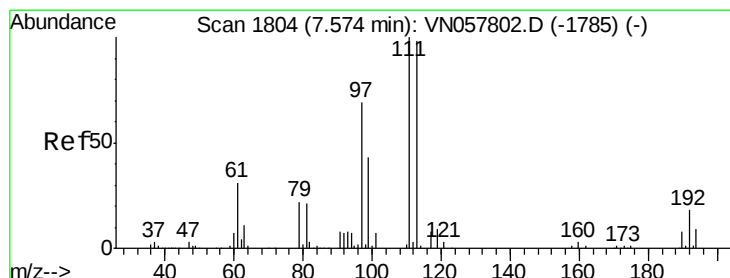
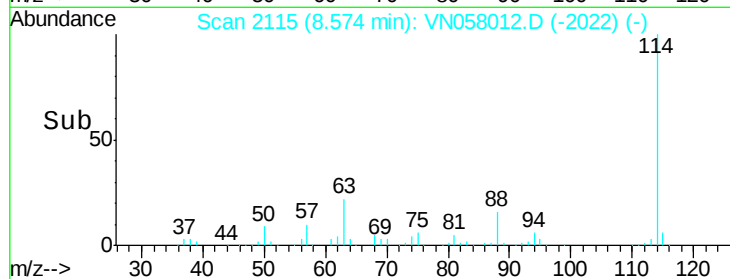
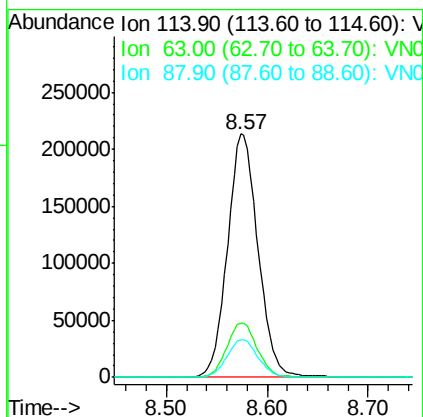
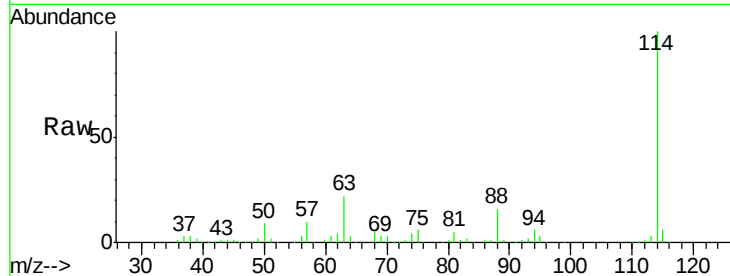
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058012.D
 Acq: 13 Sep 2019 12:46

Instrument :
 MSVOA_N
 ClientSampleId :
 IDW-GW800-091119

Tot Ion	Ratio	Resp	Lower	Upper
114	100	449534		
63	22.3	0.0	44.0	
88	15.7	0.0	31.4	

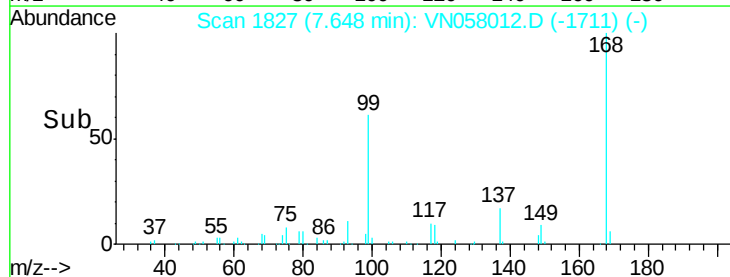
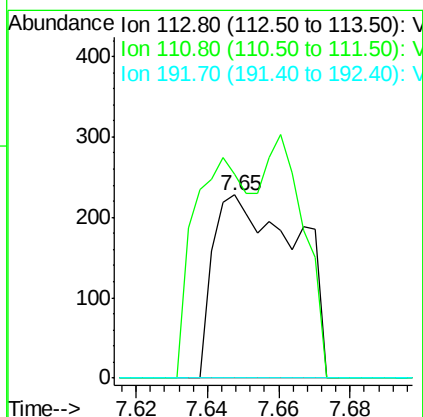
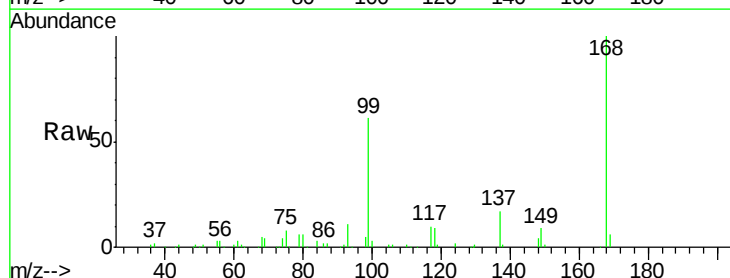
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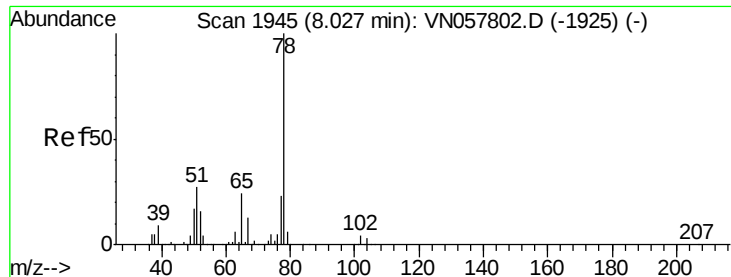
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#35
 Dibromofluoromethane
 Concen: 0.088 ug/l
 RT: 7.65 min Scan# 1827
 Delta R.T. 0.07 min
 Lab File: VN058012.D
 Acq: 13 Sep 2019 12:46

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	367		
111	75.2	81.3	121.9#	
192	0.0	14.6	22.0#	





#40

Benzene

Concen: 0.267 ug/l

RT: 8.04 min Scan# 1948

Delta R.T. 0.01 min

Lab File: VN058012.D

Acq: 13 Sep 2019 12:46

Instrument :

MSVOA_N

ClientSampleId :

IDW-GW800-091119

Tot Ion: 78 Resp: 4196

Ion Ratio Lower Upper

78 100

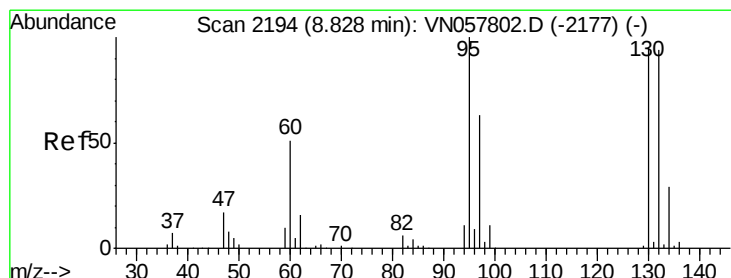
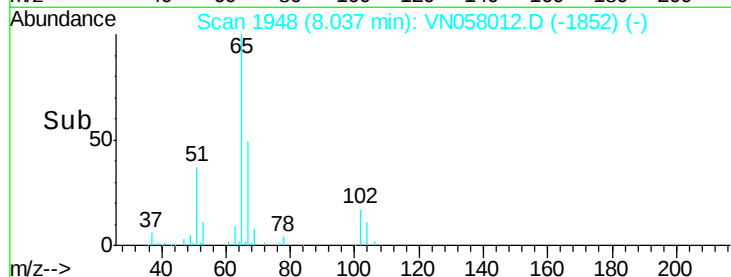
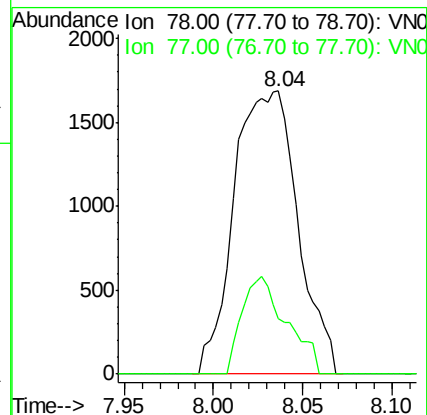
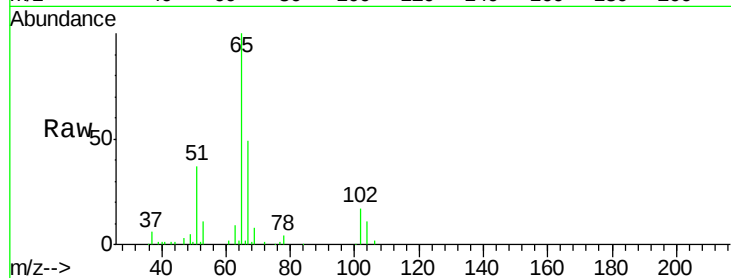
77 19.5 18.3 27.5

Manual Integrations

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#44

Trichloroethene

Concen: 0.334 ug/l

RT: 8.83 min Scan# 2194

Delta R.T. 0.00 min

Lab File: VN058012.D

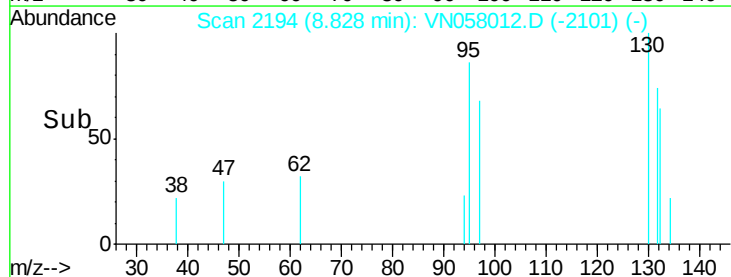
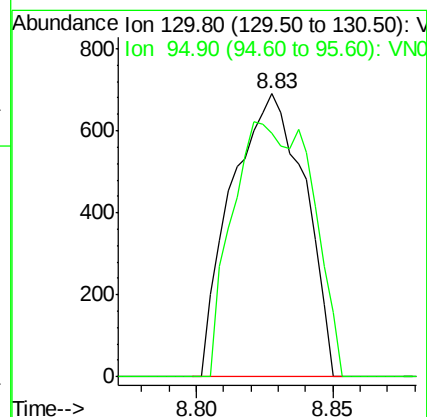
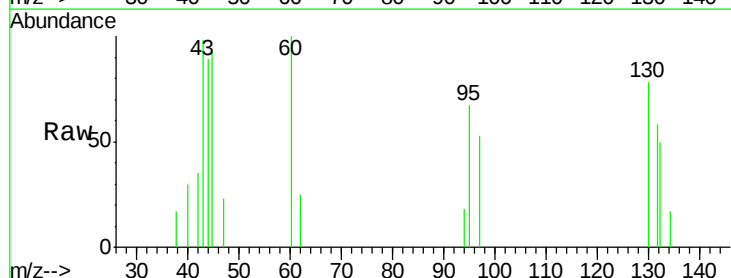
Acq: 13 Sep 2019 12:46

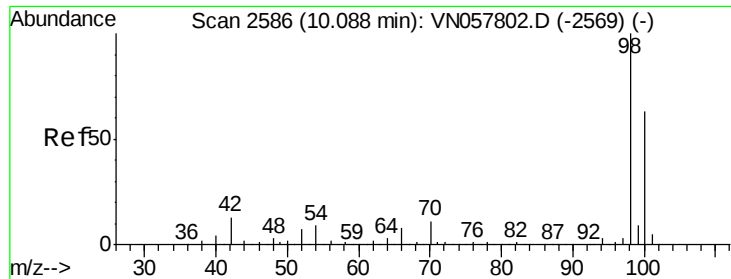
Tgt Ion: 130 Resp: 1286

Ion Ratio Lower Upper

130 100

95 86.1 0.0 211.4





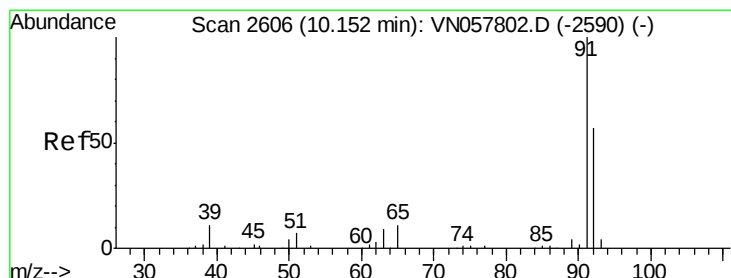
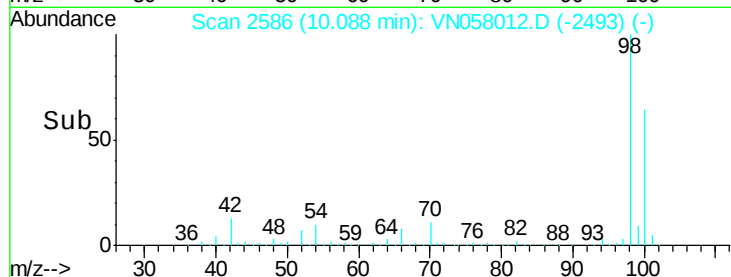
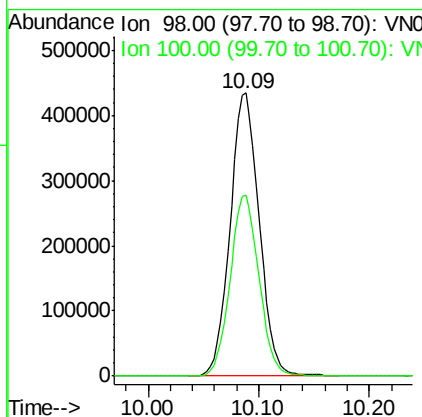
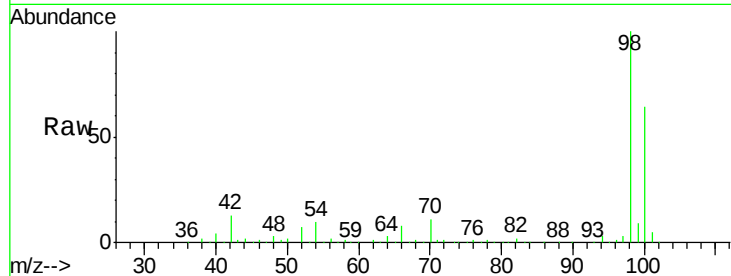
#50
Toluene-d8
Concen: 49.320 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. 0.00 min
Lab File: VN058012.D
Acq: 13 Sep 2019 12:46

Instrument :
MSVOA_N
ClientSampleId :
IDW-GW800-091119

Tot Ion: 98 Resp: 794482
Ion Ratio Lower Upper
98 100
100 63.5 50.3 75.5

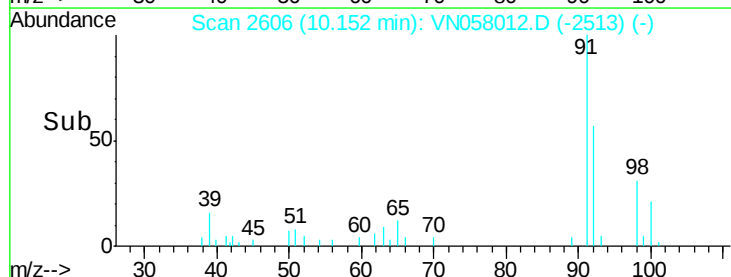
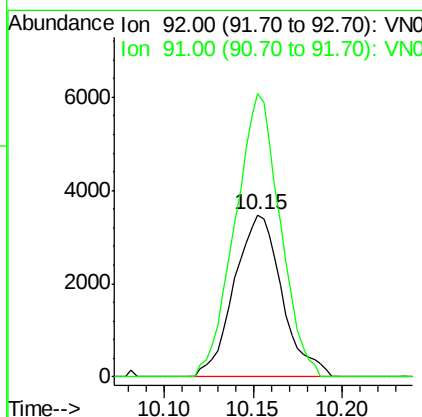
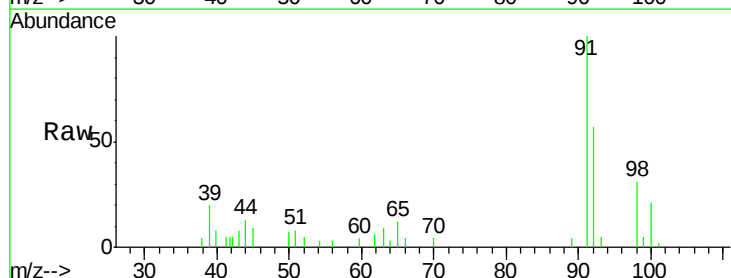
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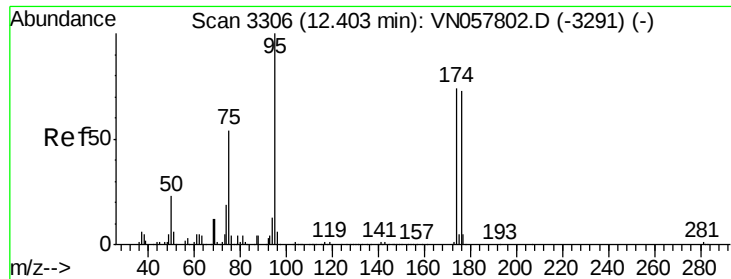
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#52
Toluene
Concen: 0.656 ug/l
RT: 10.15 min Scan# 2606
Delta R.T. 0.00 min
Lab File: VN058012.D
Acq: 13 Sep 2019 12:46

Tgt Ion: 92 Resp: 6489
Ion Ratio Lower Upper
92 100
91 164.9 141.0 211.6





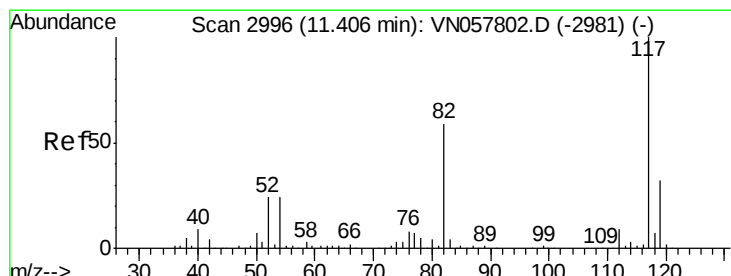
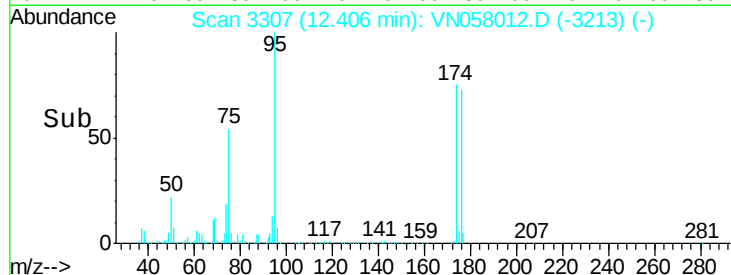
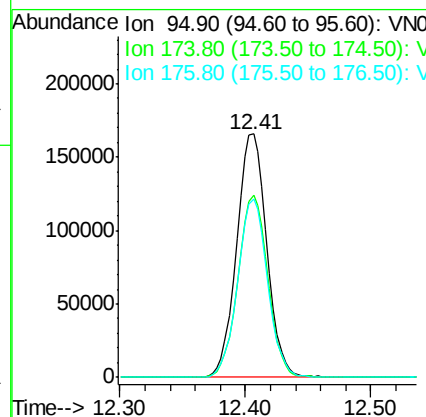
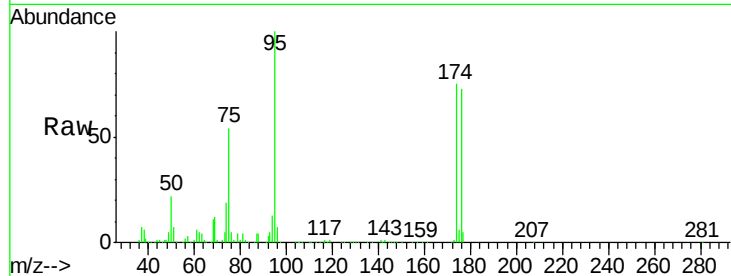
#62
4-Bromofluorobenzene
Concen: 44.970 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN058012.D
Acq: 13 Sep 2019 12:46

Instrument :
MSVOA_N
ClientSampleId :
IDW-GW800-091119

Tot Ion	Ratio	Resp	Lower	Upper
95	100	276063		
174	74.4	0.0	150.2	
176	72.9	0.0	146.0	

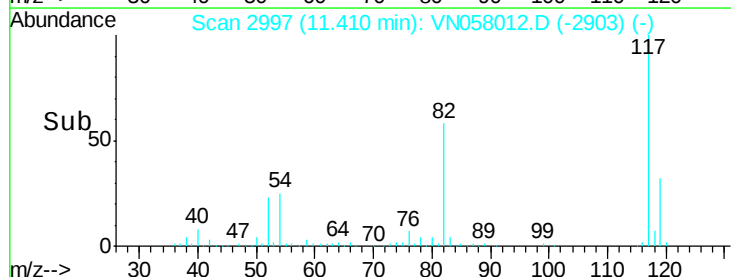
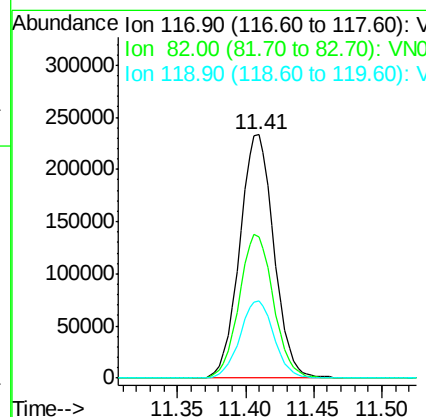
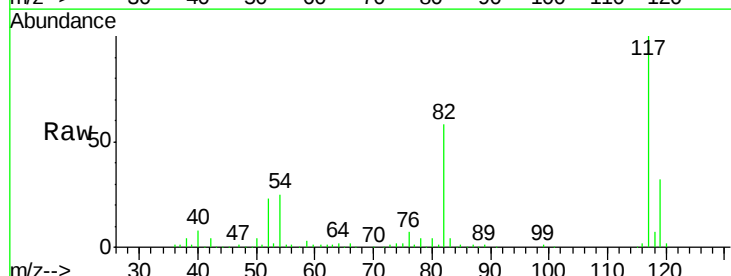
Manual Integrations
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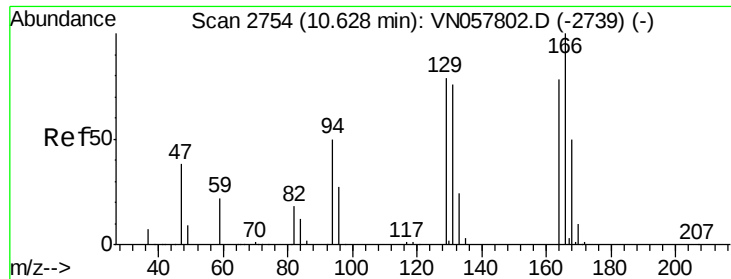
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN058012.D
Acq: 13 Sep 2019 12:46

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	405589		
82	58.2	47.2	70.8	
119	31.5	25.3	37.9	





#64

Tetrachloroethene

Concen: 3.164 ug/l

RT: 10.63 min Scan# 2754

Delta R.T. 0.00 min

Lab File: VN058012.D

Acq: 13 Sep 2019 12:46

Instrument :

MSVOA_N

ClientSampleId :

IDW-GW800-091119

Tot Ion:164 Resp: 9475

Ion Ratio Lower Upper

164 100

166 120.6 102.2 153.2

129 102.0 80.8 121.2

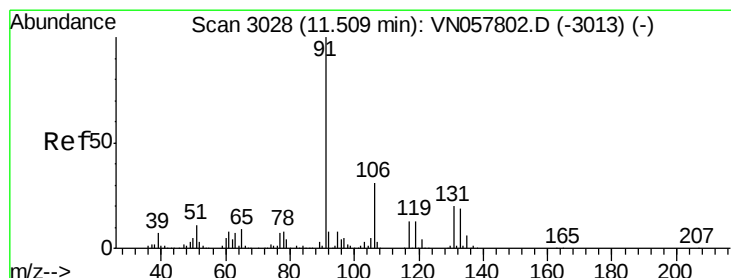
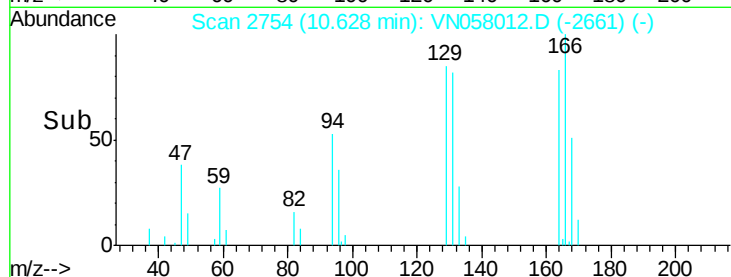
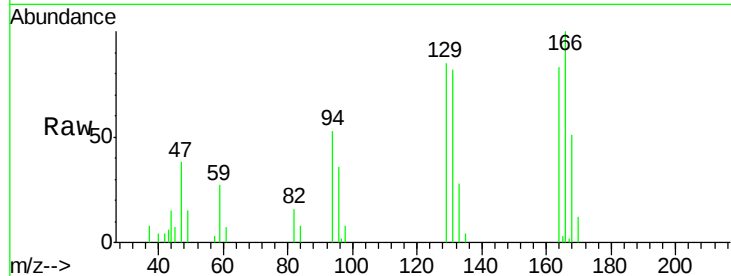
131 99.4 77.4 116.2

Manual Integrations

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#67

Ethyl Benzene

Concen: 0.344 ug/l

RT: 11.52 min Scan# 3030

Delta R.T. 0.01 min

Lab File: VN058012.D

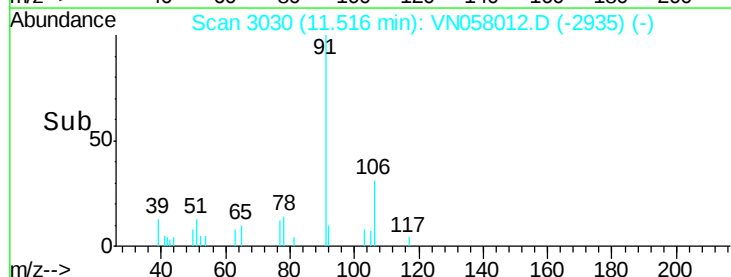
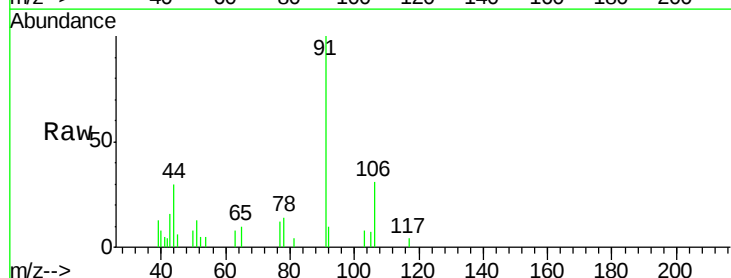
Acq: 13 Sep 2019 12:46

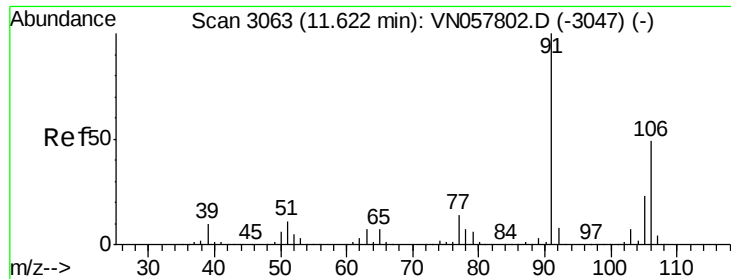
Tgt Ion: 91 Resp: 6394

Ion Ratio Lower Upper

91 100

106 31.2 24.4 36.6





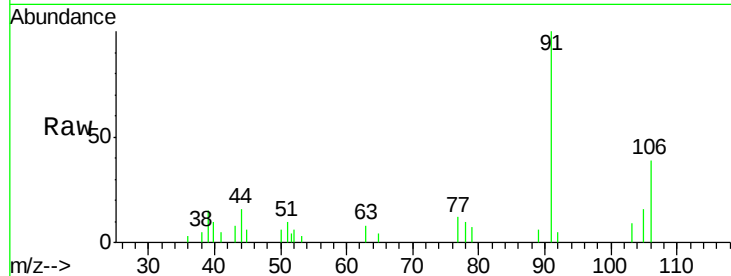
#68
m/p-Xylenes
Concen: 0.584 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN058012.D
Acq: 13 Sep 2019 12:46

Instrument :
MSVOA_N
ClientSampleId :
IDW-GW800-091119

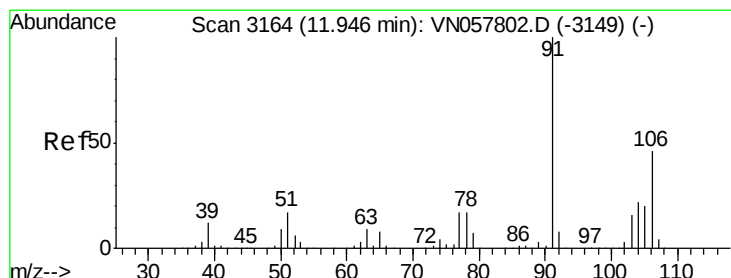
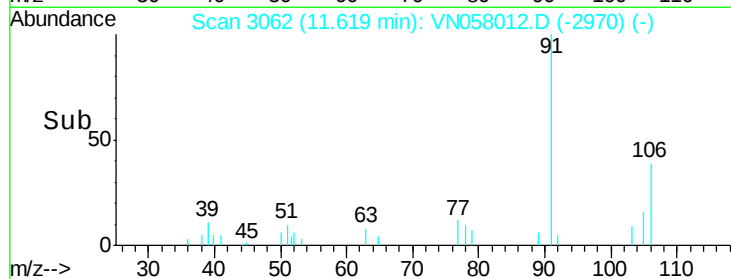
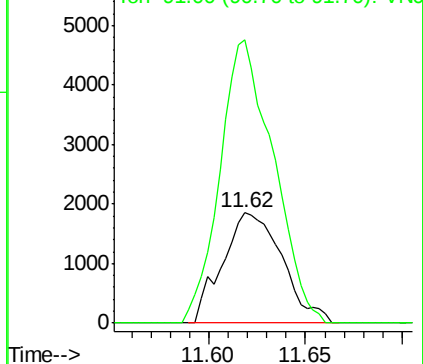
Tot Ion:106 Resp: 3978
Ion Ratio Lower Upper
106 100
91 230.0 165.8 248.6

Manual Integrations
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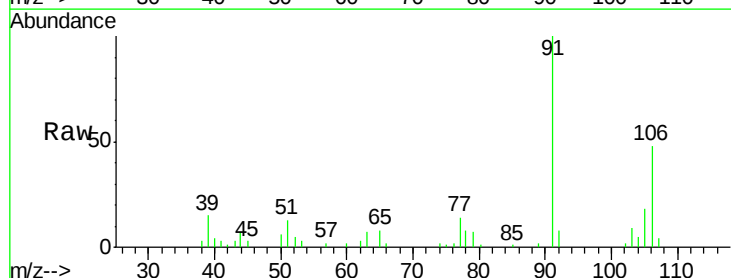


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

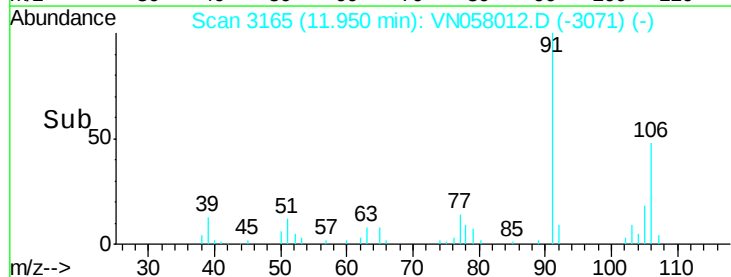
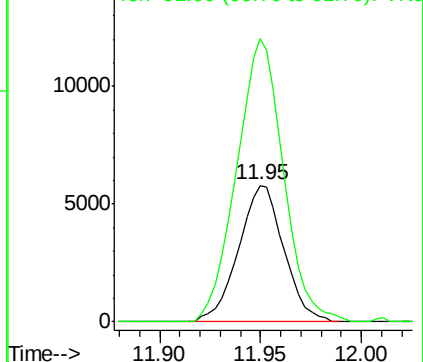


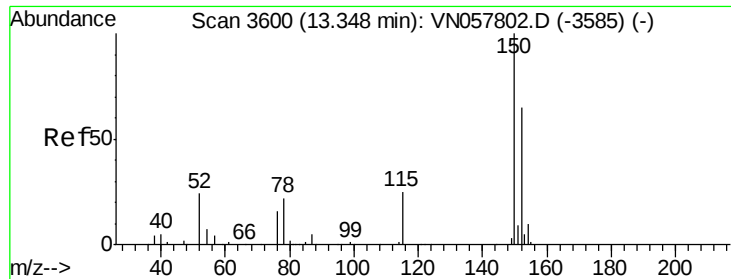
#69
o-Xylene
Concen: 1.340 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN058012.D
Acq: 13 Sep 2019 12:46

Tgt Ion:106 Resp: 9078
Ion Ratio Lower Upper
106 100
91 215.1 108.7 326.1



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN058012.D

Acq: 13 Sep 2019 12:46

Instrument :

MSVOA_N

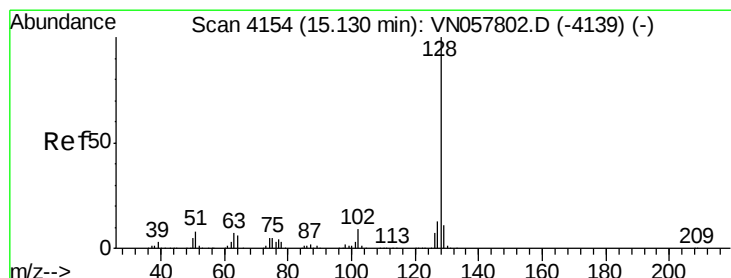
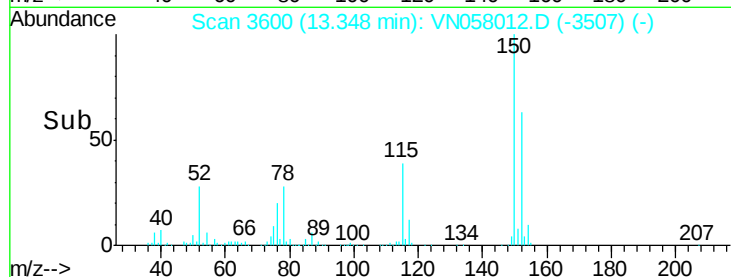
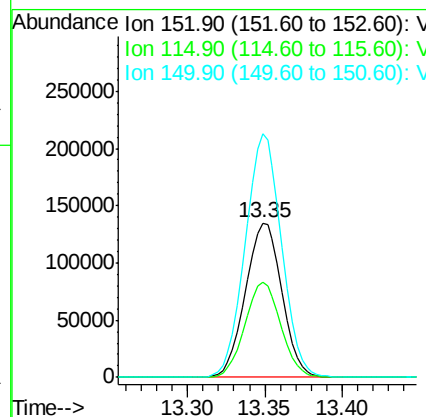
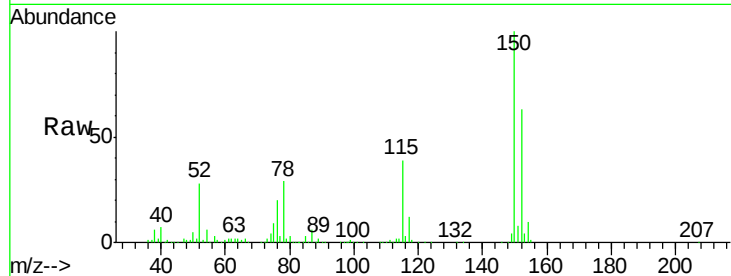
ClientSampleId :

IDW-GW800-091119

Tot Ion:	152	Resp:	221440
Ion	Ratio	Lower	Upper
152	100		
115	60.8	30.3	91.0
150	157.2	0.0	352.4

Manual Integrations
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#95

Naphthalene

Concen: 1.376 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN058012.D

Acq: 13 Sep 2019 12:46

Tgt Ion:	128	Resp:	37642
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	12.8	8.6	12.8

