

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121718\
 Data File : VN052927.D
 Acq On : 17 Dec 2018 15:11
 Operator : MD\SY
 Sample : J6438-16
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 23701

Manual Integrations
 APPROVED

MMDadoda
 12/18/2018 1:33:21 PM

Quant Time: Dec 18 08:12:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 13 01:08:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	1010857m	50.00	ug/l	0.30
34) 1,4-Difluorobenzene	8.79	114	1666431	50.00	ug/l	0.20
63) Chlorobenzene-d5	11.45	117	1418330	50.00	ug/l	0.05
72) 1,4-Dichlorobenzene-d4	13.35	152	591127	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.29	65	568192m	52.86	ug/l	0.27
Spiked Amount 50.000			Recovery	=	105.72%	
35) Dibromofluoromethane	7.91	113	363487	39.08	ug/l	0.32
Spiked Amount 50.000			Recovery	=	78.16%	
50) Toluene-d8	10.19	98	1986012	49.24	ug/l	0.10
Spiked Amount 50.000			Recovery	=	98.48%	
62) 4-Bromofluorobenzene	12.43	95	632285	46.27	ug/l	0.02
Spiked Amount 50.000			Recovery	=	92.54%	
Target Compounds						
40) Benzene	8.31	78	287650	6.245	ug/l	98
52) Toluene	10.25	92	1222099	43.810	ug/l	99
67) Ethyl Benzene	11.55	91	44764	0.886	ug/l	94
68) m/p-Xylenes	11.66	106	90157	4.752	ug/l	99
69) o-Xylene	11.98	106	33176	1.791	ug/l	97
70) Styrene	11.99	104	34464	1.157	ug/l	93
80) 1,3,5-Trimethylbenzene	12.75	105	16128	0.453	ug/l	99
84) 1,2,4-Trimethylbenzene	13.06	105	60954	1.690	ug/l	76
95) Naphthalene	15.14	128	86523	4.005	ug/l	99

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

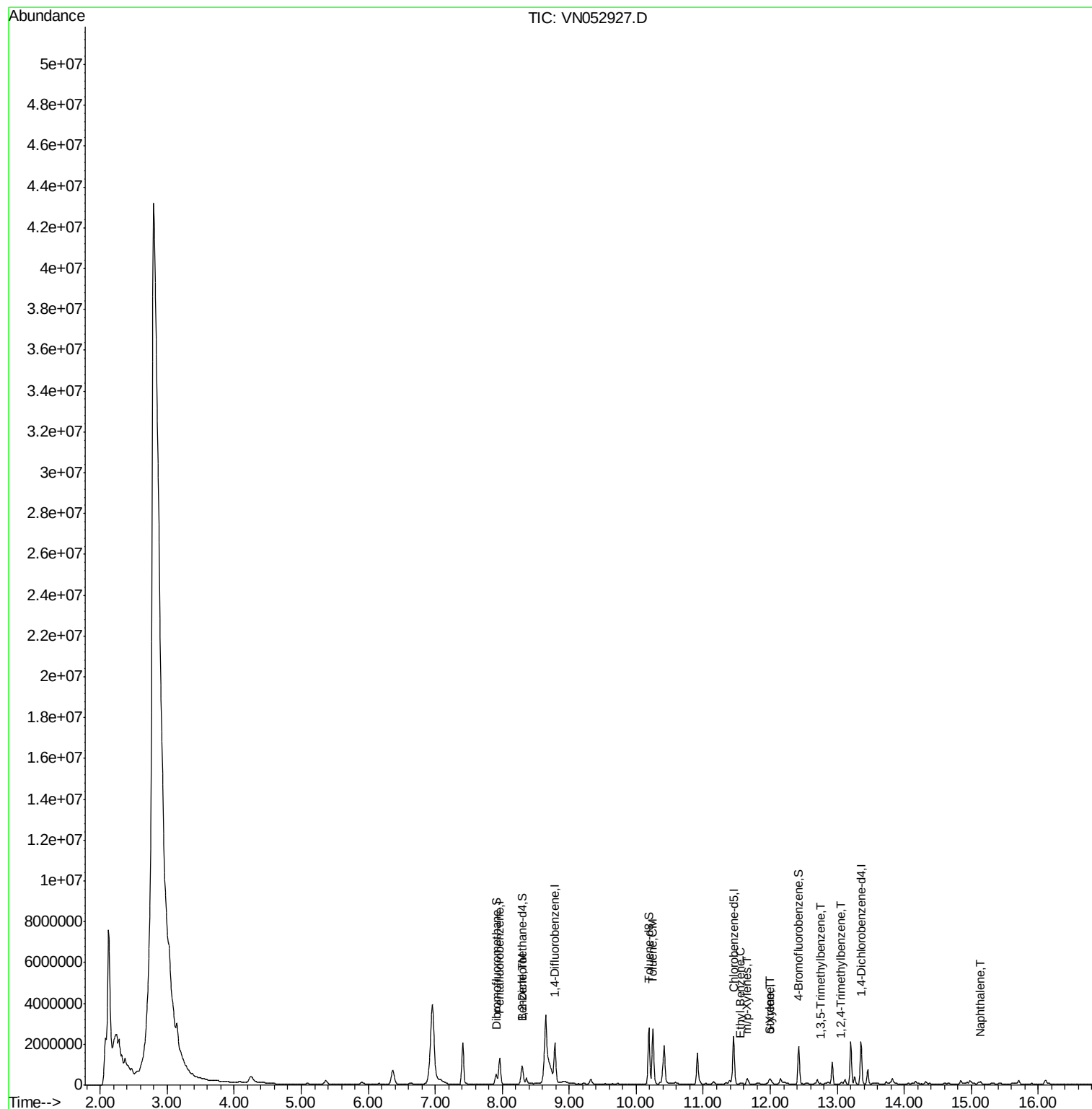
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121718\
Data File : VN052927.D
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ALS Vial : 14 Sample Multiplier: 28

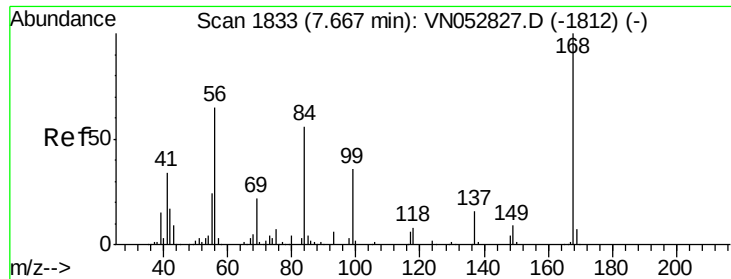
Instrument :
MSVOA_N
ClientSampleId :
23701

Manual Integrations
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Quant Time: Dec 18 08:12:59 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121218W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 13 01:08:35 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l m

RT: 7.96 min Scan# 1925

Delta R.T. 0.30 min

Lab File: VN052927.D

Acq: 17 Dec 2018 15:11

Instrument :

MSVOA_N

ClientSampled :

23701

Tgt Ion:168 Resp: 1010857

Ion Ratio Lower Upper

168 100

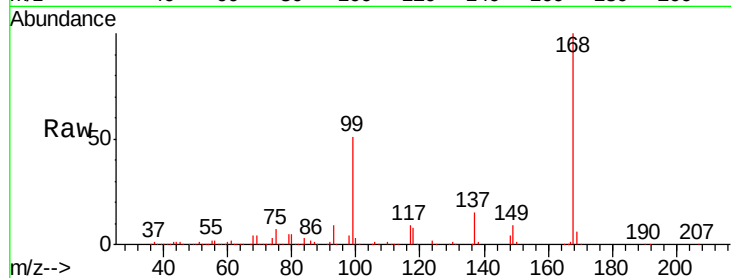
99 51.2 40.2 60.2

Manual Integrations

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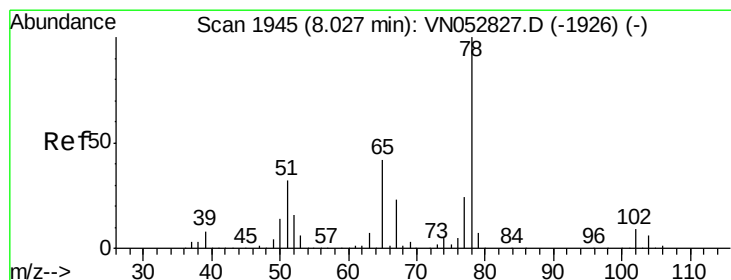
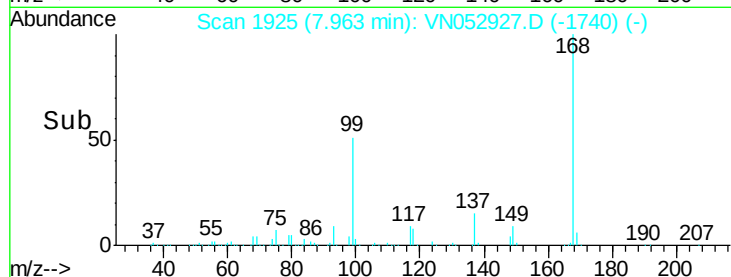
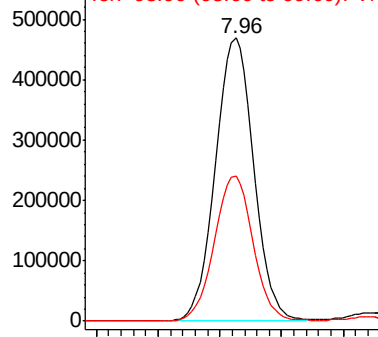
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l m

RT: 8.29 min Scan# 2028

Delta R.T. 0.27 min

Lab File: VN052927.D

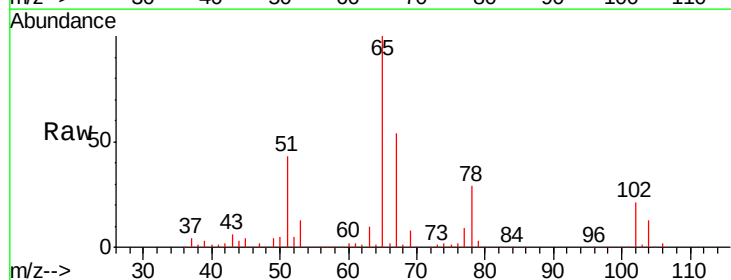
Acq: 17 Dec 2018 15:11

Tgt Ion: 65 Resp: 568192

Ion Ratio Lower Upper

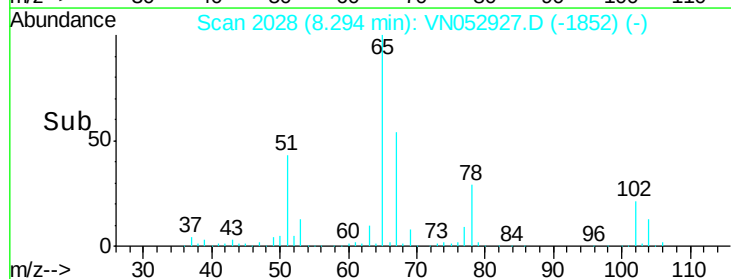
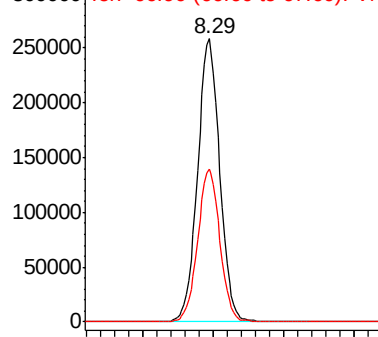
65 100

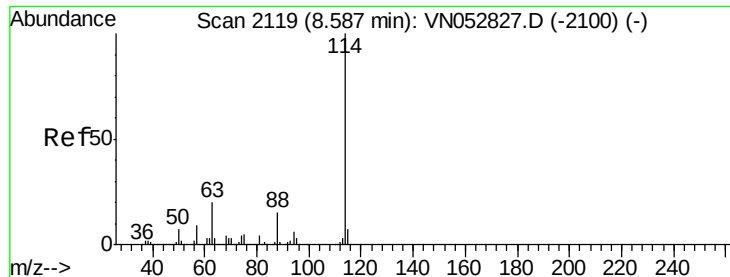
67 49.6 0.0 110.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0





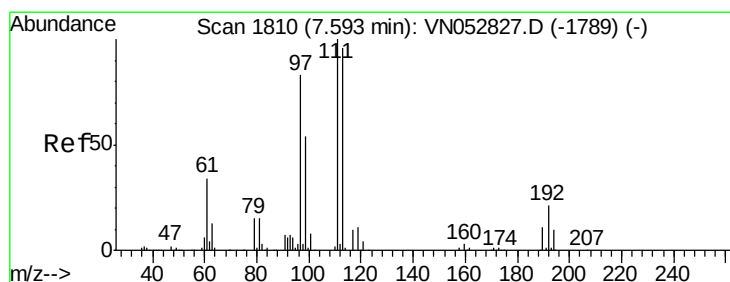
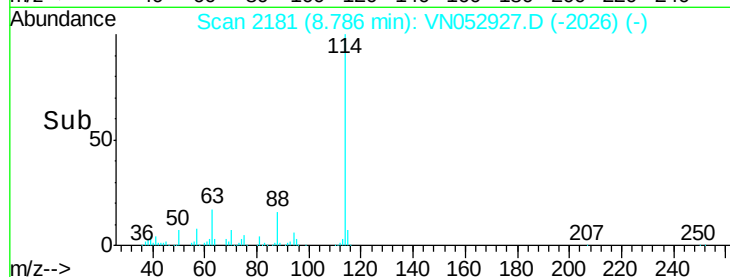
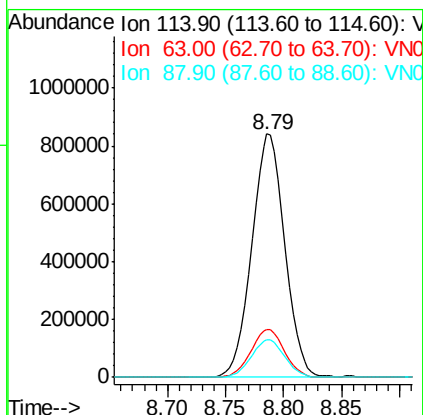
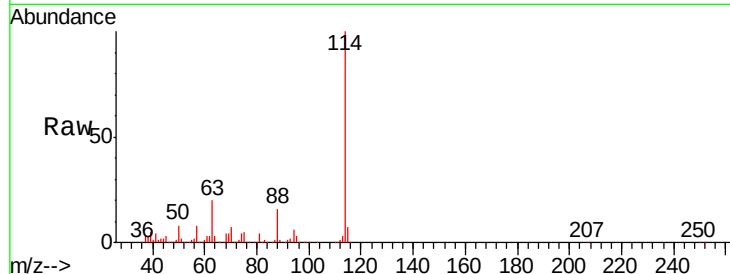
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.79 min Scan# 2181
 Delta R.T. 0.20 min
 Lab File: VN052927.D
 Acq: 17 Dec 2018 15:11

Instrument :
 MSVOA_N
 ClientSampleId :
 23701

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	39.8
88	15.5	0.0	31.0

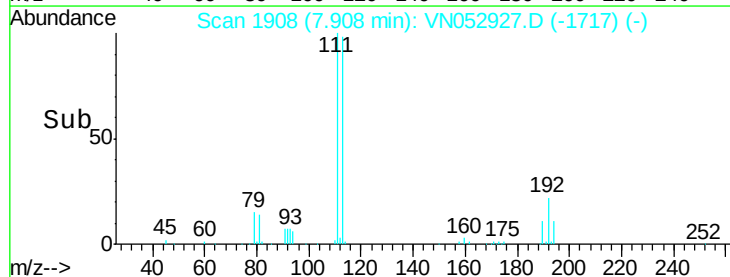
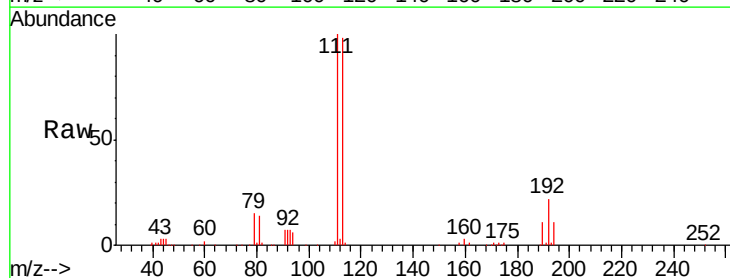
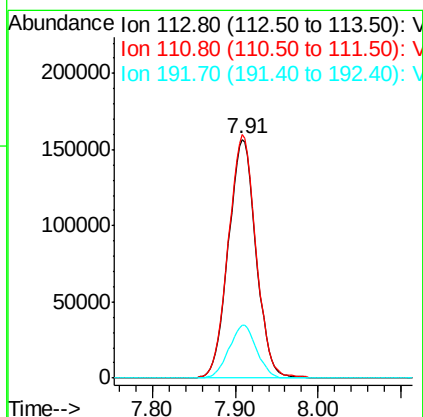
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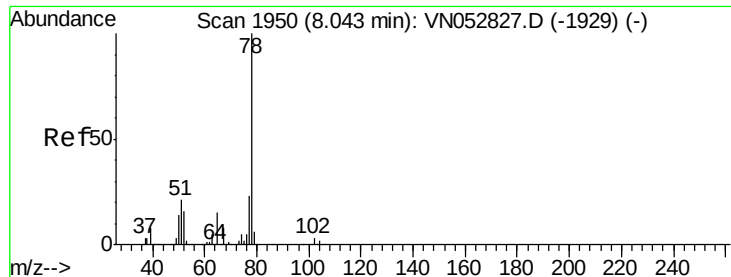
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#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.91 min Scan# 1908
 Delta R.T. 0.32 min
 Lab File: VN052927.D
 Acq: 17 Dec 2018 15:11

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.9	83.0	124.4
192	22.1	17.5	26.3





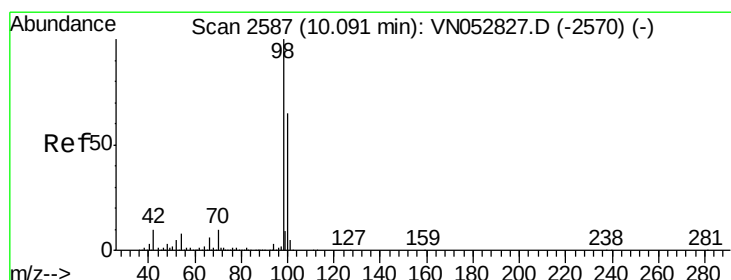
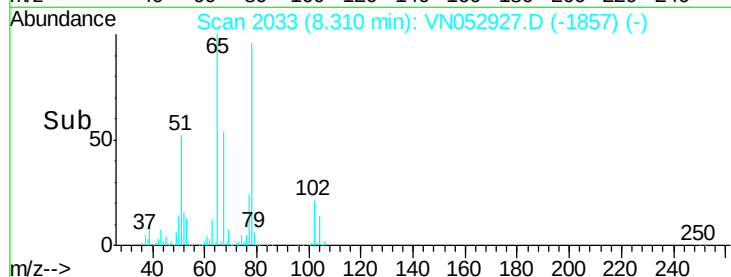
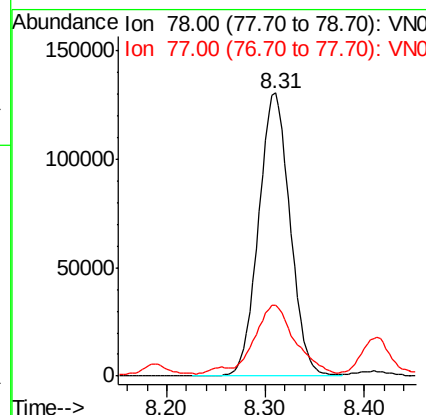
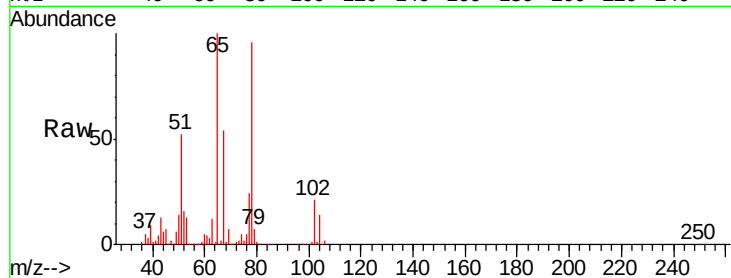
#40
Benzene
Concen: 6.245 ug/l
RT: 8.31 min Scan# 2033
Delta R.T. 0.27 min
Lab File: VN052927.D
Acq: 17 Dec 2018 15:11

Instrument :
MSVOA_N
ClientSampleId :
23701

Tgt Ion: 78 Resp: 287650
Ion Ratio Lower Upper
78 100
77 24.3 18.5 27.7

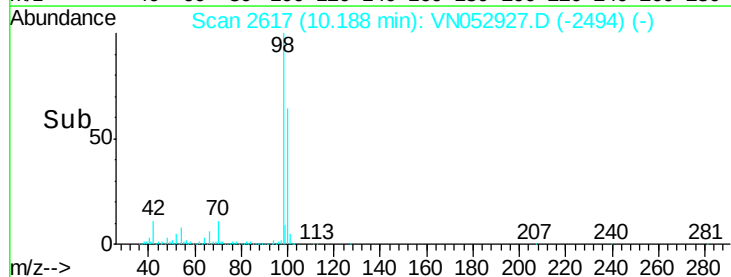
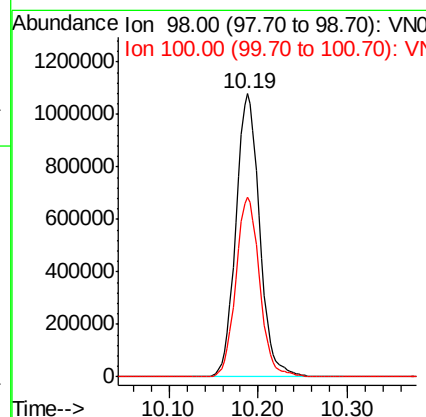
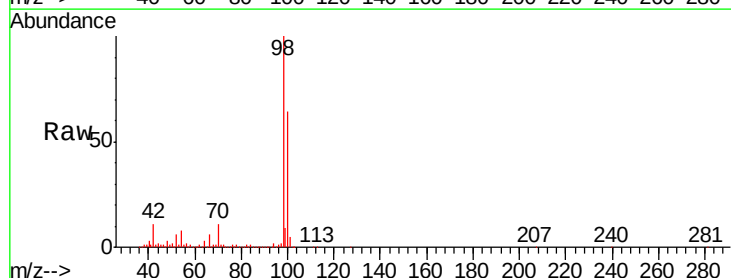
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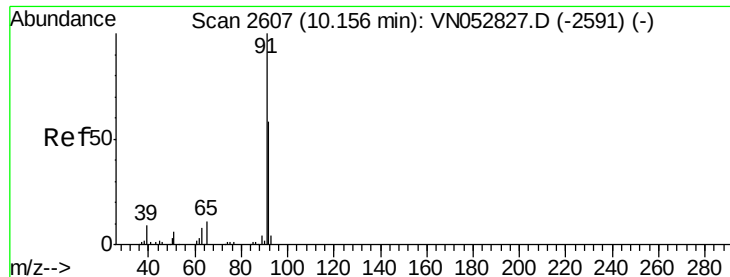
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#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.19 min Scan# 2617
Delta R.T. 0.10 min
Lab File: VN052927.D
Acq: 17 Dec 2018 15:11

Tgt Ion: 98 Resp: 1986012
Ion Ratio Lower Upper
98 100
100 63.8 51.6 77.4





#52

Toluene

Concen: 43.810 ug/l

RT: 10.25 min Scan# 2636

Delta R.T. 0.09 min

Lab File: VN052927.D

Acq: 17 Dec 2018 15:11

Instrument :

MSVOA_N

ClientSampleId :
23701

Tgt Ion: 92 Resp: 1222099

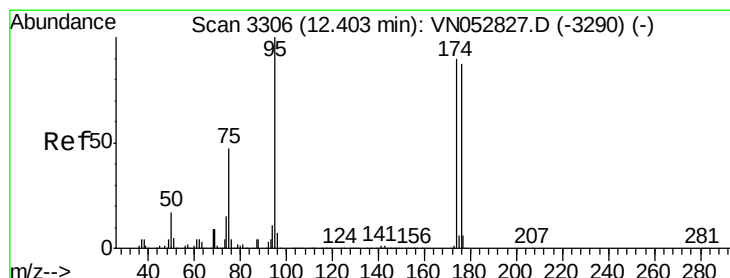
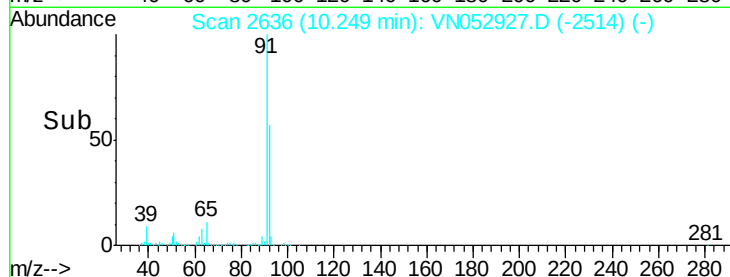
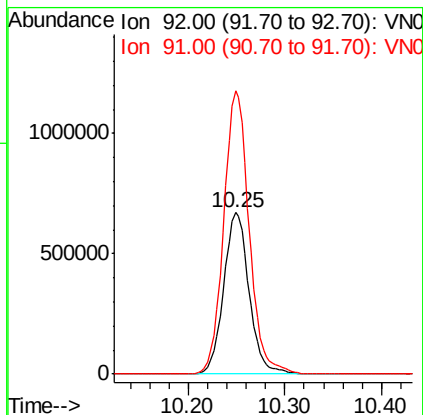
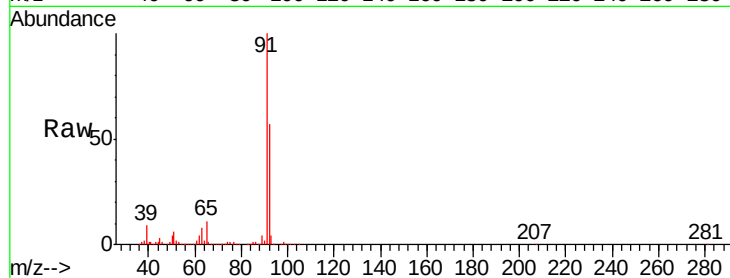
Ion Ratio Lower Upper

92 100

91 175.5 139.8 209.6

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#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.43 min Scan# 3313

Delta R.T. 0.02 min

Lab File: VN052927.D

Acq: 17 Dec 2018 15:11

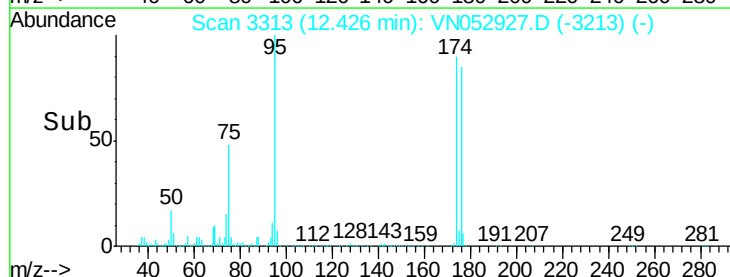
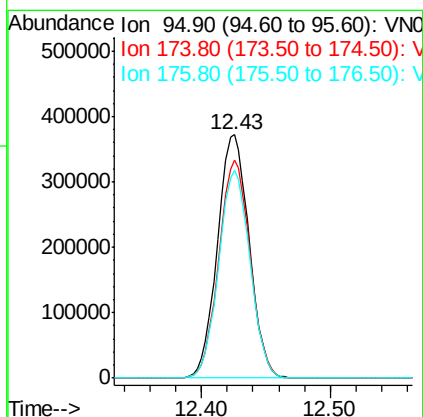
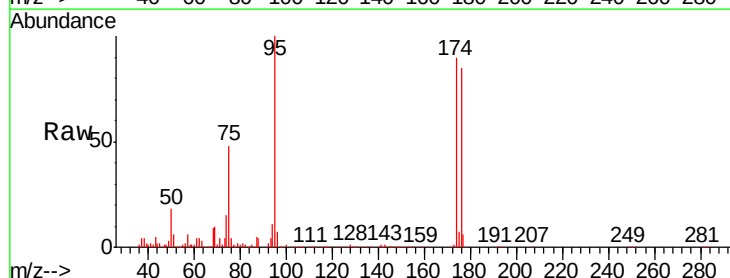
Tgt Ion: 95 Resp: 632285

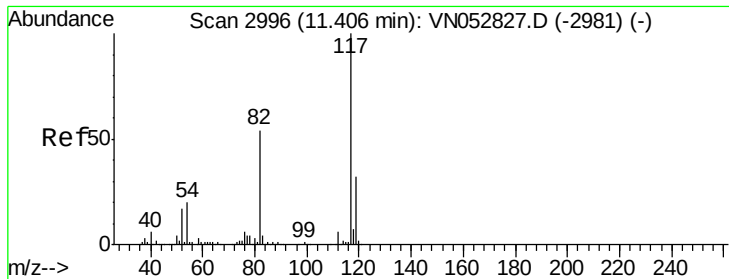
Ion Ratio Lower Upper

95 100

174 88.5 0.0 178.8

176 84.6 0.0 173.8





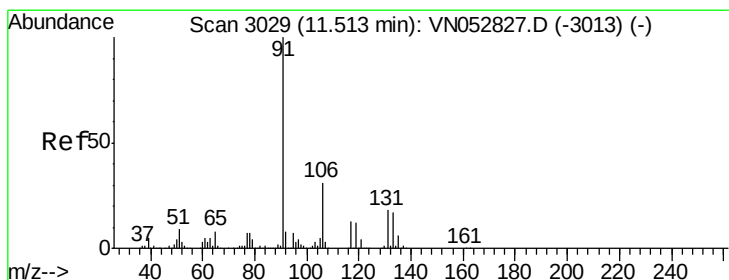
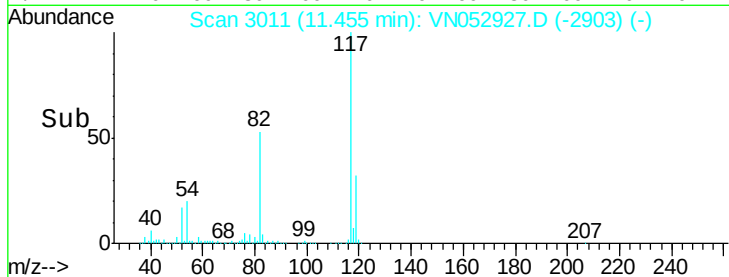
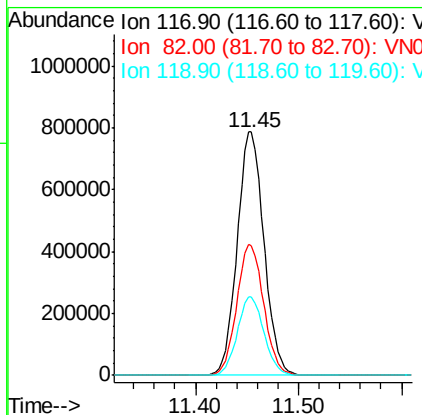
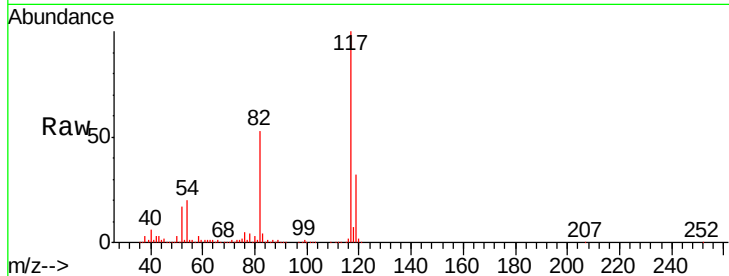
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.45 min Scan# 3011
Delta R.T. 0.05 min
Lab File: VN052927.D
Acq: 17 Dec 2018 15:11

Instrument :
MSVOA_N
ClientSampled :
23701

Tgt Ion:117 Resp: 1418330
Ion Ratio Lower Upper
117 100
82 53.4 42.8 64.2
119 32.0 25.5 38.3

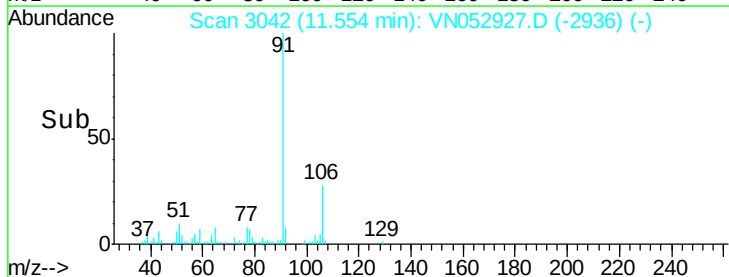
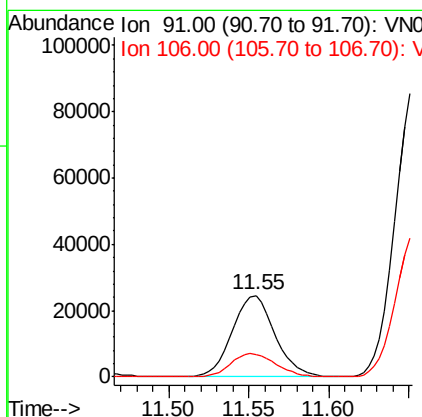
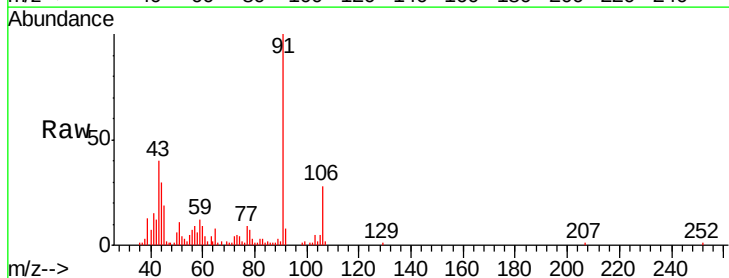
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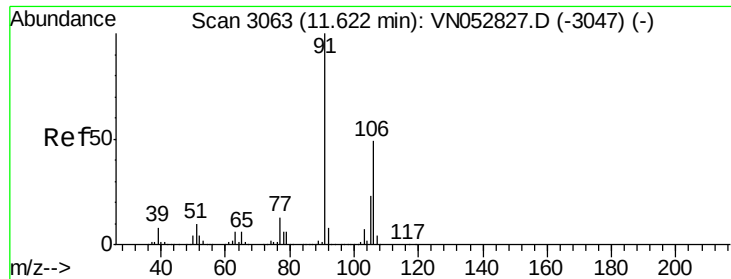
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#67
Ethyl Benzene
Concen: 0.886 ug/l
RT: 11.55 min Scan# 3042
Delta R.T. 0.04 min
Lab File: VN052927.D
Acq: 17 Dec 2018 15:11

Tgt Ion: 91 Resp: 44764
Ion Ratio Lower Upper
91 100
106 27.6 24.9 37.3





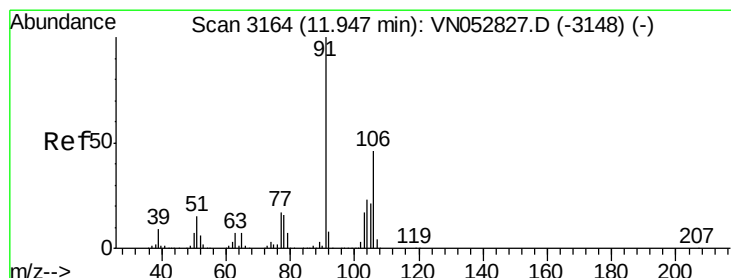
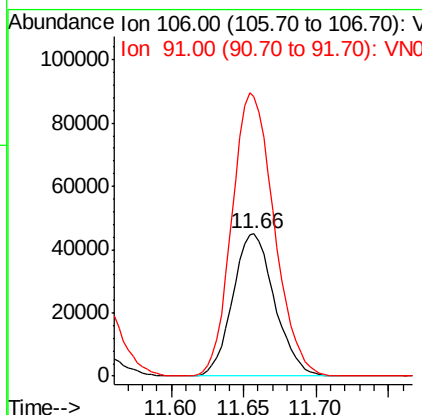
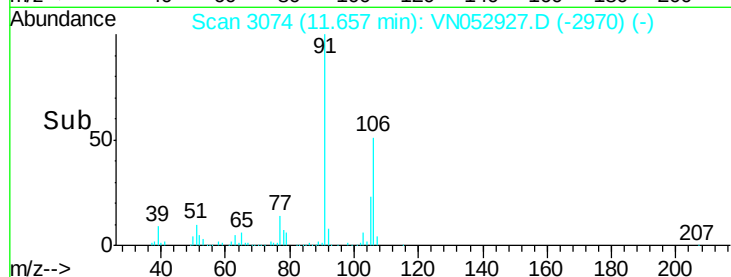
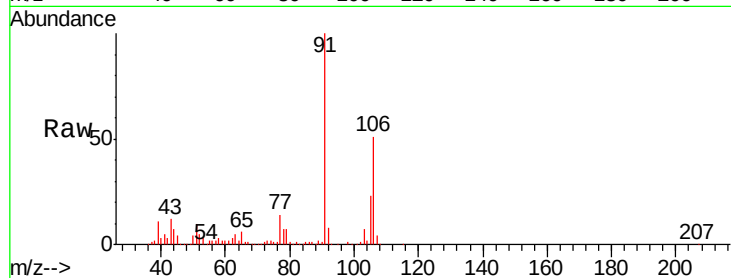
#68
m/p-Xylenes
Concen: 4.752 ug/l
RT: 11.66 min Scan# 3074
Delta R.T. 0.04 min
Lab File: VN052927.D
Acq: 17 Dec 2018 15:11

Instrument :
MSVOA_N
ClientSampled :
23701

Tgt Ion:106 Resp: 90157
Ion Ratio Lower Upper
106 100
91 200.8 162.2 243.4

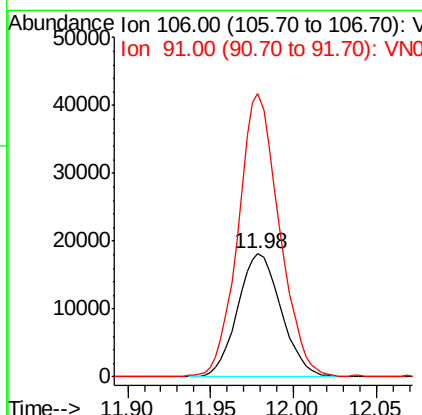
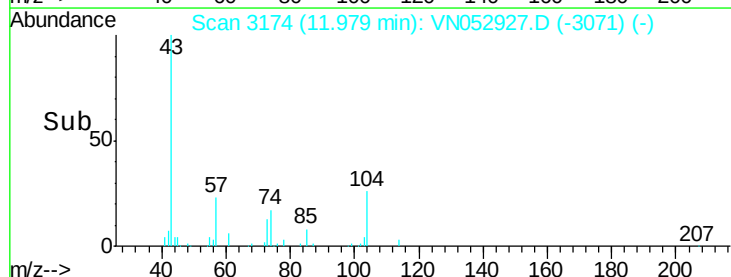
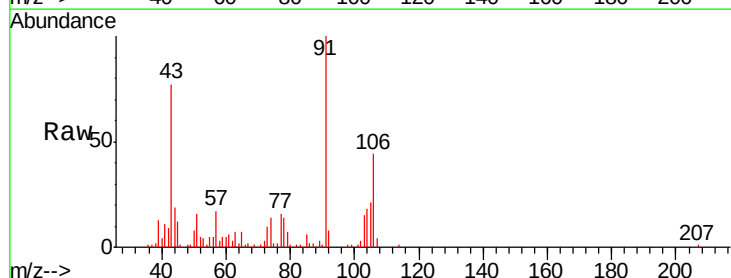
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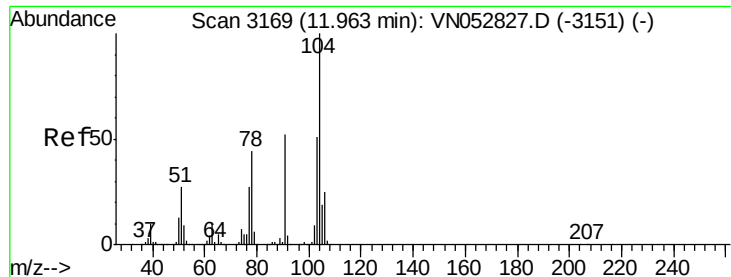
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#69
o-Xylene
Concen: 1.791 ug/l
RT: 11.98 min Scan# 3174
Delta R.T. 0.03 min
Lab File: VN052927.D
Acq: 17 Dec 2018 15:11

Tgt Ion:106 Resp: 33176
Ion Ratio Lower Upper
106 100
91 217.3 106.6 319.8





#70

Styrene

Concen: 1.157 ug/l

RT: 11.99 min Scan# 3179

Delta R.T. 0.03 min

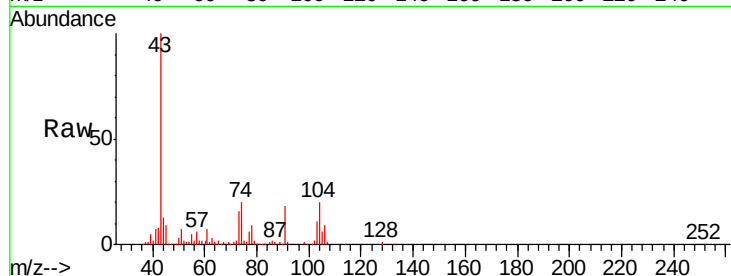
Lab File: VN052927.D

Acq: 17 Dec 2018 15:11

Instrument :

MSVOA_N

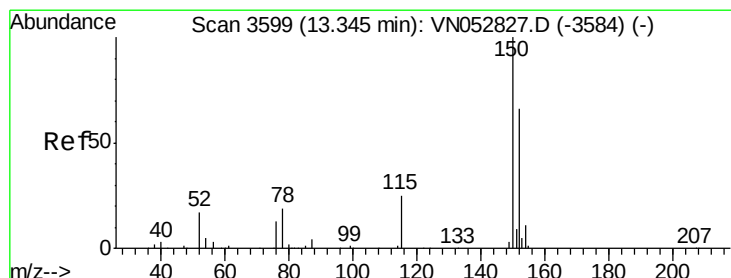
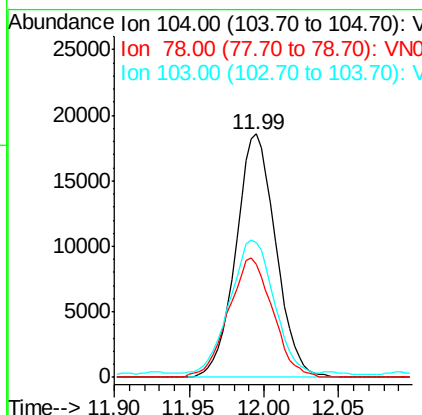
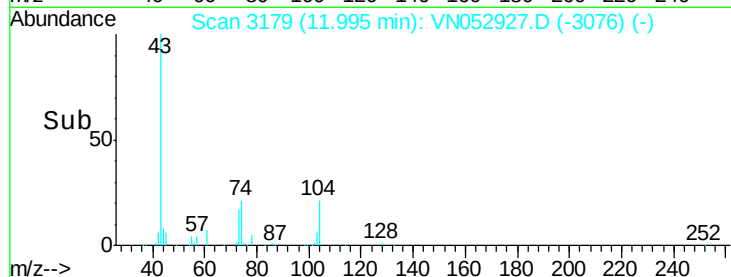
ClientSampled :
23701



Tgt Ion:	104	Resp:	34464
Ion Ratio	Lower	Upper	
104	100		
78	54.1	38.9	58.3
103	59.8	44.3	66.5

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

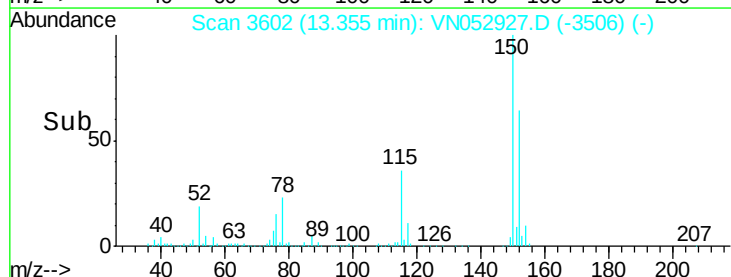
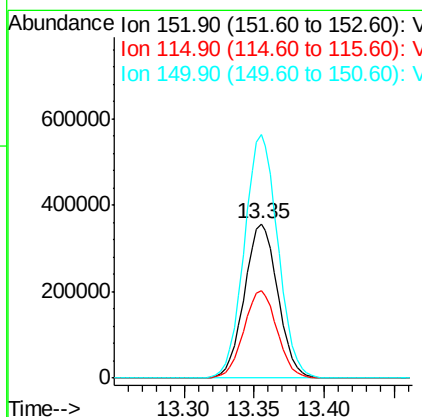
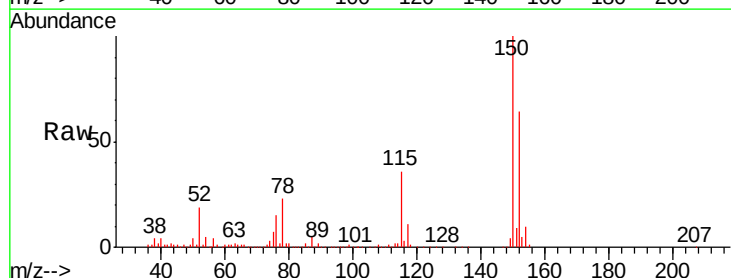
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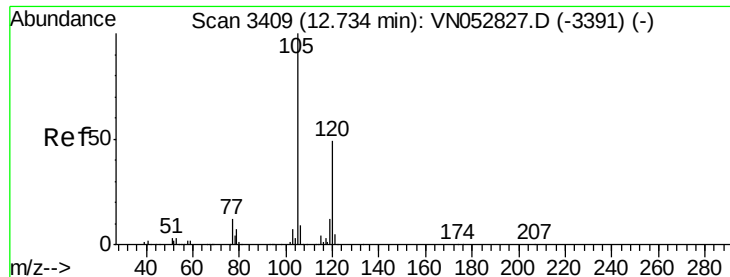
Delta R.T. 0.01 min

Lab File: VN052927.D

Acq: 17 Dec 2018 15:11

Tgt Ion:	152	Resp:	591127
Ion Ratio	Lower	Upper	
152	100		
115	56.5	28.3	85.0
150	158.9	0.0	347.8





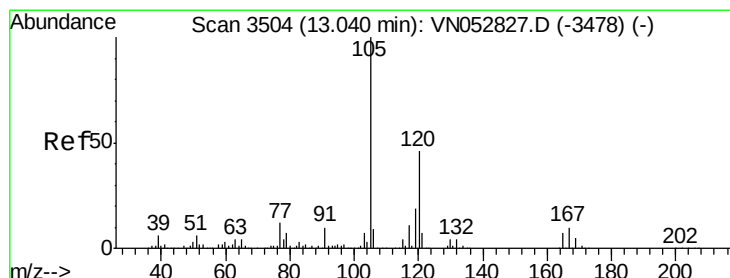
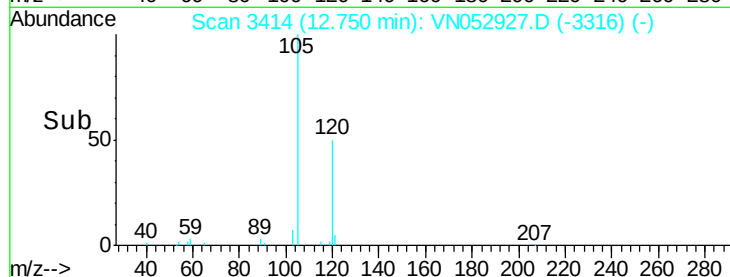
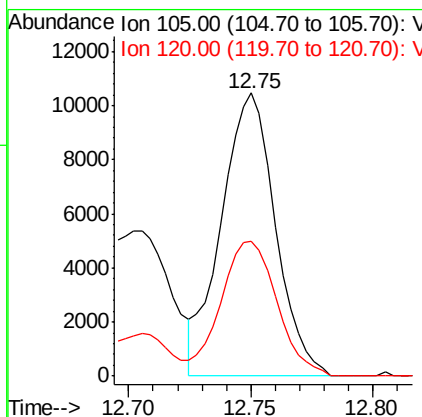
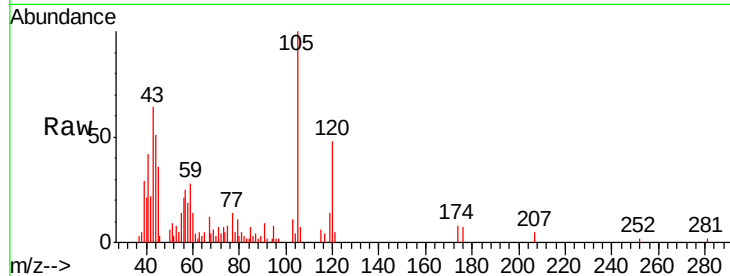
#80
 1,3,5-Trimethylbenzene
 Concen: 0.453 ug/l
 RT: 12.75 min Scan# 3414
 Delta R.T. 0.02 min
 Lab File: VN052927.D
 Acq: 17 Dec 2018 15:11

Instrument :
 MSVOA_N
 ClientSampled :
 23701

Tgt Ion:105 Resp: 16128
 Ion Ratio Lower Upper
 105 100
 120 49.3 24.4 73.2

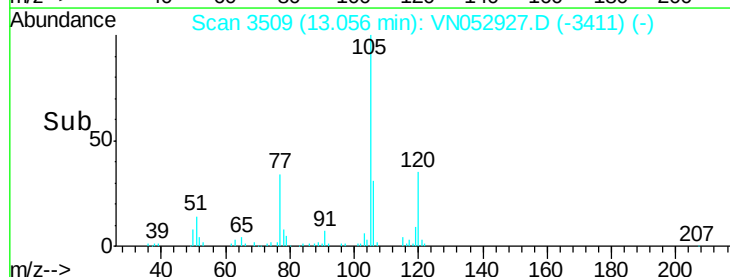
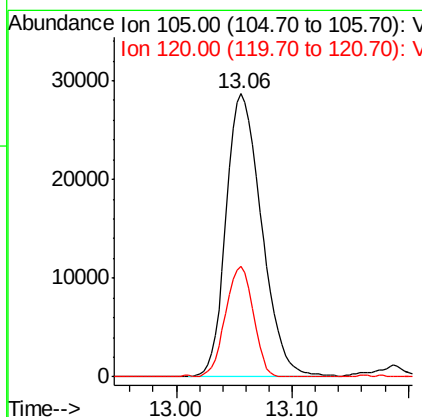
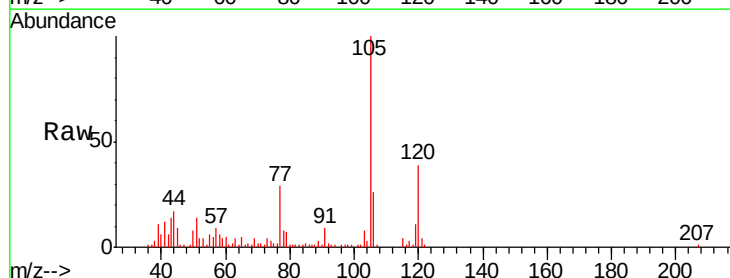
Manual Integrations
 APPROVED

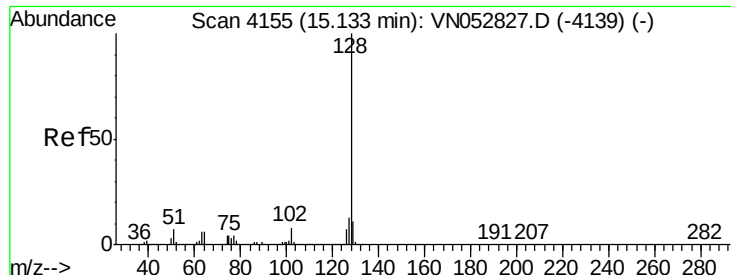
MMDadoda
 12/18/2018 1:33:21 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 1.690 ug/l
 RT: 13.06 min Scan# 3509
 Delta R.T. 0.02 min
 Lab File: VN052927.D
 Acq: 17 Dec 2018 15:11

Tgt Ion:105 Resp: 60954
 Ion Ratio Lower Upper
 105 100
 120 30.2 22.9 68.8





#95
Naphthalene
Concen: 4.005 ug/l
RT: 15.14 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN052927.D
Acq: 17 Dec 2018 15:11

Instrument :
MSVOA_N
ClientSampleId :
23701

Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
127	12.8	10.2	15.4
129	11.9	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
12/18/2018 1:33:21 PM

