

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072418\
 Data File : VN050031.D
 Acq On : 24 Jul 2018 19:38
 Operator : MD\SY
 Sample : J4110-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GS-RO-338-RO-147-RO-278

Quant Time: Jul 25 01:19:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 24 06:27:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	601357	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1002464	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	824160	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	365210	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	443026	52.80	ug/l	0.00
Spiked Amount			Recovery	=	105.60%	
35) Dibromofluoromethane	7.60	113	390763	47.74	ug/l	0.00
Spiked Amount			Recovery	=	95.48%	
50) Toluene-d8	10.09	98	1339980	44.53	ug/l	0.00
Spiked Amount			Recovery	=	89.06%	
62) 4-Bromofluorobenzene	12.40	95	385443	38.90	ug/l	0.00
Spiked Amount			Recovery	=	77.80%	

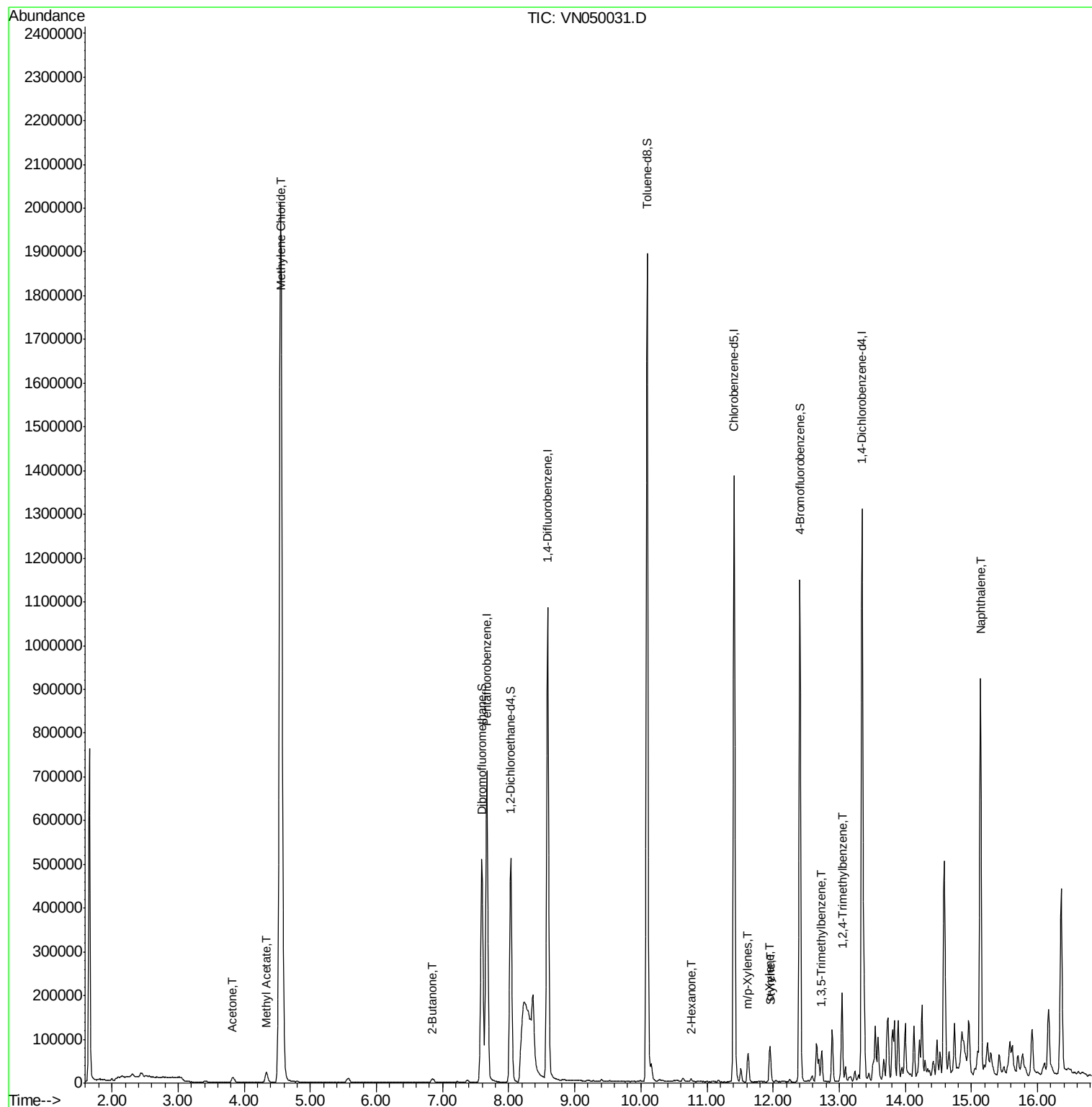
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	22151	6.99	ug/l	100
18) Methyl Acetate	4.34	43	43747	4.20	ug/l	100
20) Methylene Chloride	4.55	84	1574616	215.82	ug/l	99
25) 2-Butanone	6.84	43	13089	4.09	ug/l	98
59) 2-Hexanone	10.76	43	3970	5.86	ug/l	95
68) m/p-Xylenes	11.62	106	20784	1.64	ug/l	99
69) o-Xylene	11.95	106	17071	1.42	ug/l	95
70) Styrene	11.97	104	9328	1.35	ug/l #	79
80) 1,3,5-Trimethylbenzene	12.73	105	37044	1.66	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	109293	4.87	ug/l	99
95) Naphthalene	15.14	128	776682	46.87	ug/l	99

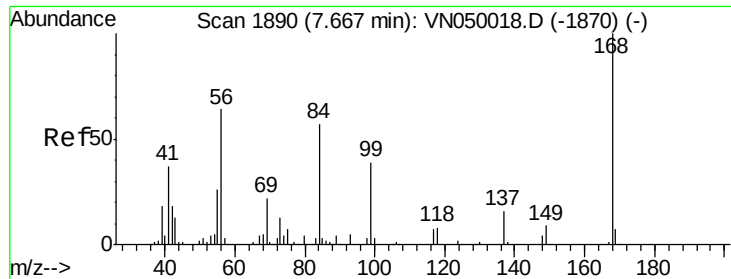
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050031.D

Acq: 24 Jul 2018 19:38

Instrument :

MSVOA_N

ClientSampleId :

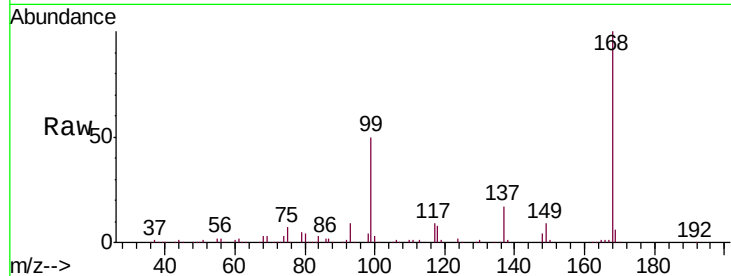
GS-RO-338-RO-147-RO-278

Tot Ion:168 Resp: 601357

Ion Ratio Lower Upper

168 100

99 50.1 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): VN050018.D (-1870) (-)

Ion 98.90 (98.60 to 99.60): VN050018.D (-1870) (-)

7.67

250000

200000

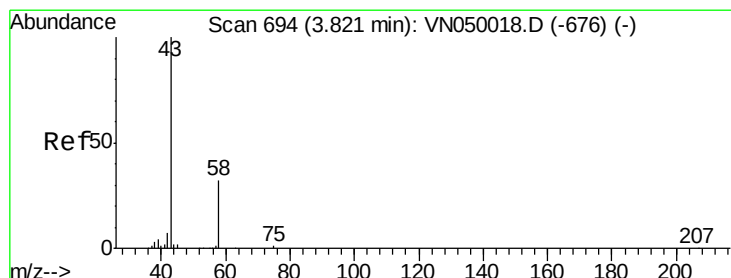
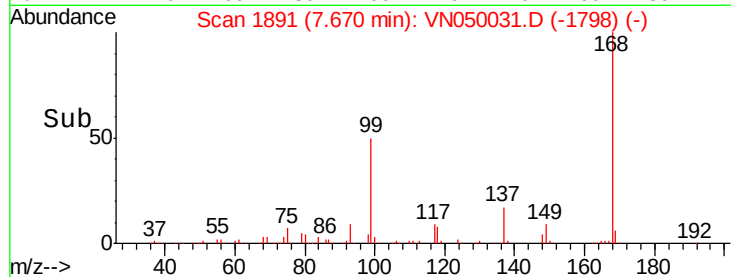
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 6.99 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.00 min

Lab File: VN050031.D

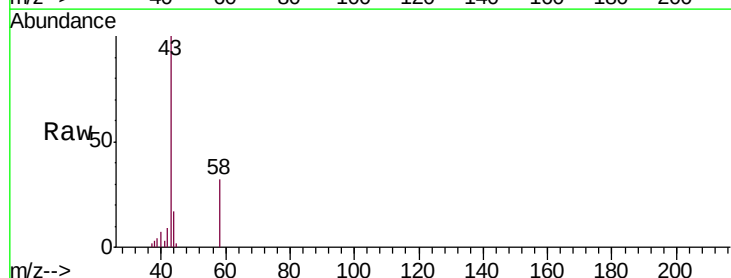
Acq: 24 Jul 2018 19:38

Tgt Ion: 43 Resp: 22151

Ion Ratio Lower Upper

43 100

58 32.4 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN050018.D (-676) (-)

Ion 58.00 (57.70 to 58.70): VN050018.D (-676) (-)

3.83

8000

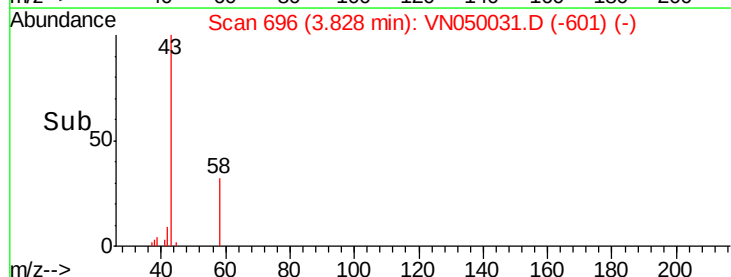
6000

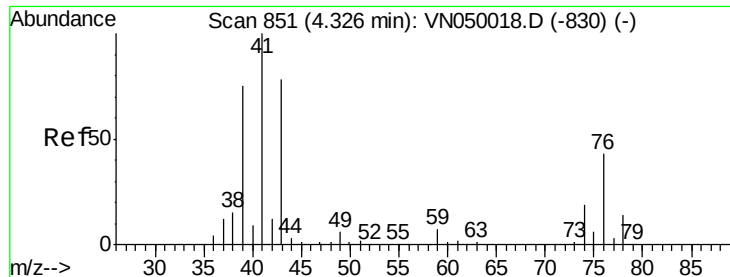
4000

2000

0

Time-->

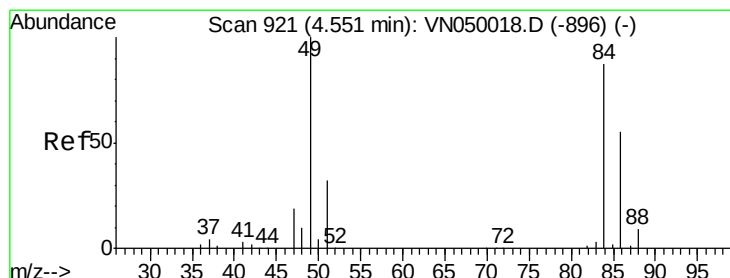
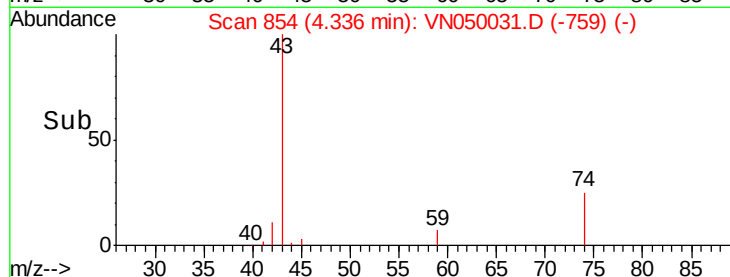
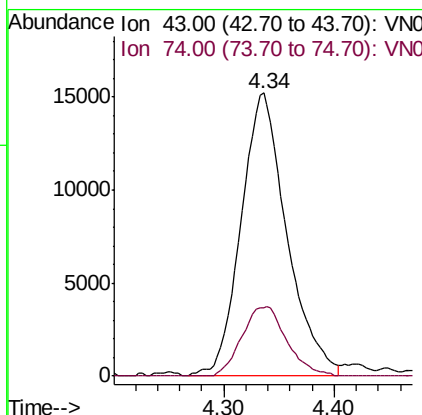
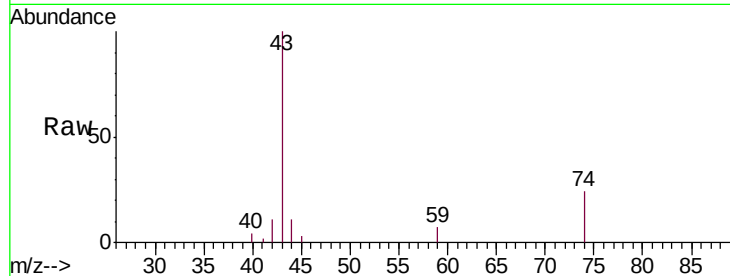




#18
Methvl Acetate
Concen: 4.20 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.00 min
Lab File: VN050031.D
Acq: 24 Jul 2018 19:38

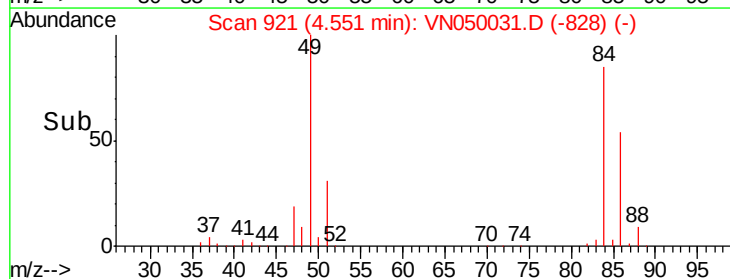
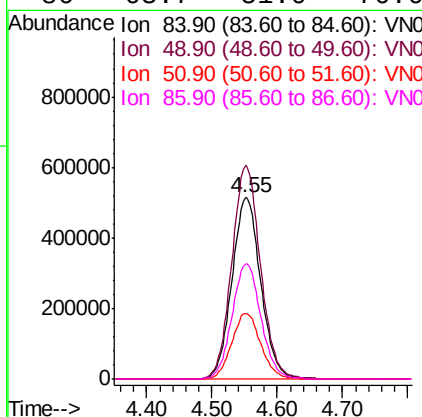
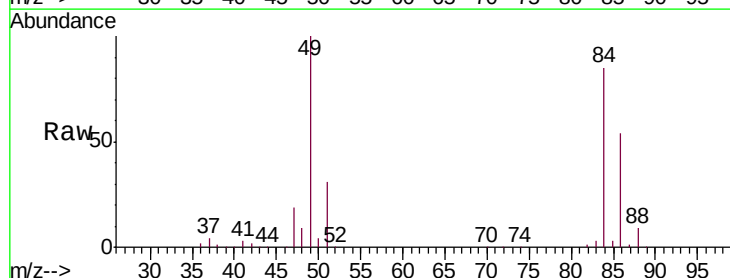
Instrument :
MSVOA_N
ClientSampleId :
GS-RO-338-RO-147-RO-278

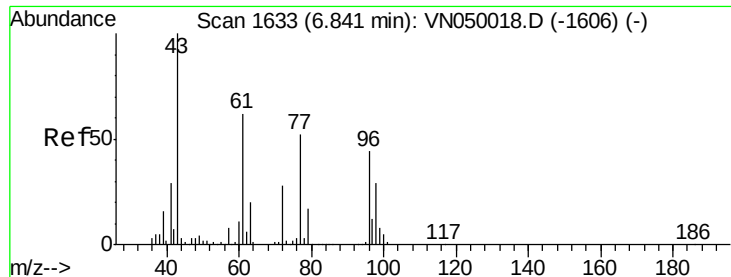
Tot Ion: 43 Resp: 43747
Ion Ratio Lower Upper
43 100
74 24.2 19.2 28.8



#20
Methylene Chloride
Concen: 215.82 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN050031.D
Acq: 24 Jul 2018 19:38

Tgt Ion: 84 Resp: 1574616
Ion Ratio Lower Upper
84 100
49 117.7 94.8 142.2
51 36.3 28.3 42.5
86 63.7 51.0 76.6

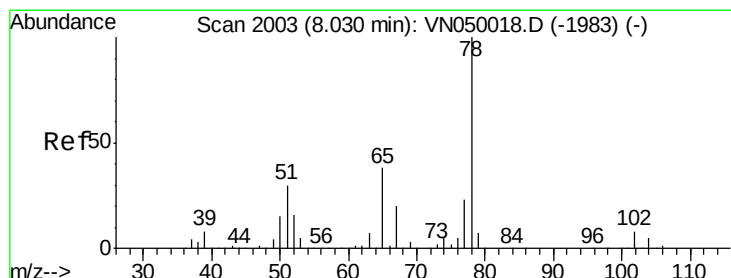
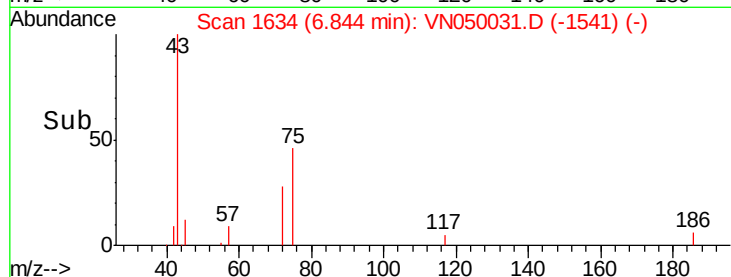
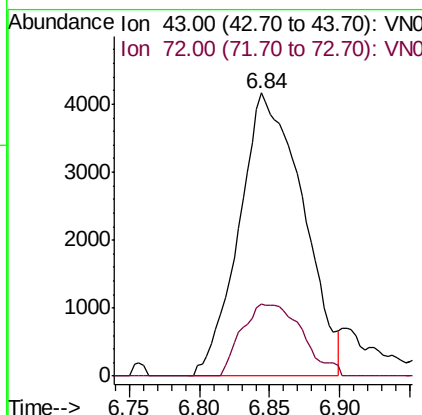
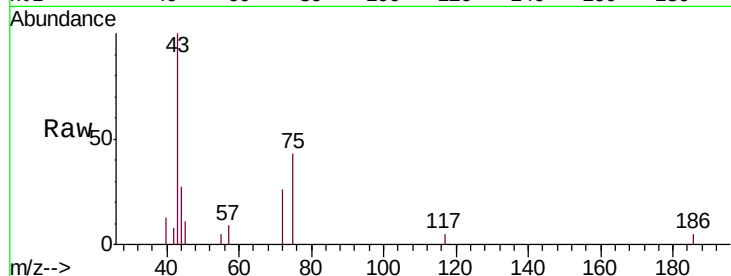




#25
2-Butanone
Concen: 4.09 ug/l
RT: 6.84 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VN050031.D
Acq: 24 Jul 2018 19:38

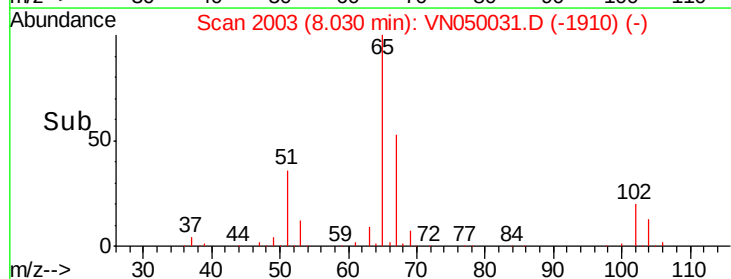
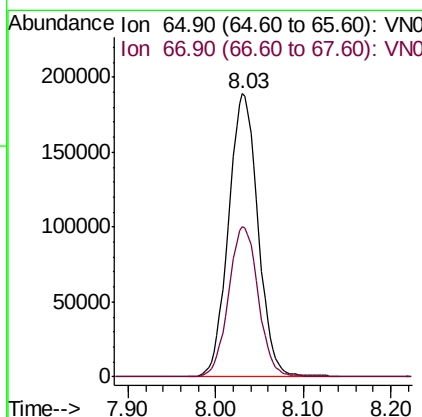
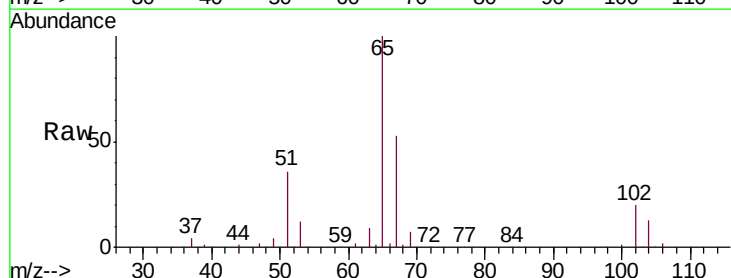
Instrument :
MSVOA_N
ClientSampleId :
GS-RO-338-RO-147-RO-278

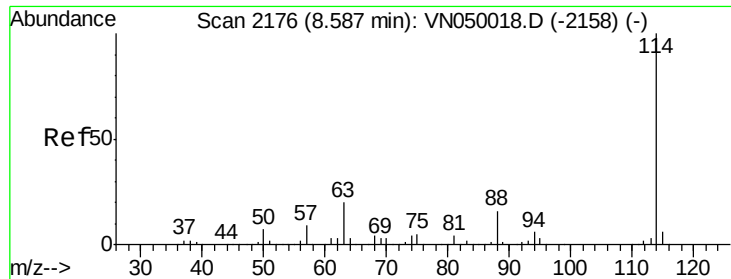
Tot Ion: 43 Resp: 13089
Ion Ratio Lower Upper
43 100
72 25.6 21.5 32.3



#33
1,2-Dichloroethane-d4
Concen: 52.80 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050031.D
Acq: 24 Jul 2018 19:38

Tgt Ion: 65 Resp: 443026
Ion Ratio Lower Upper
65 100
67 53.4 0.0 108.4

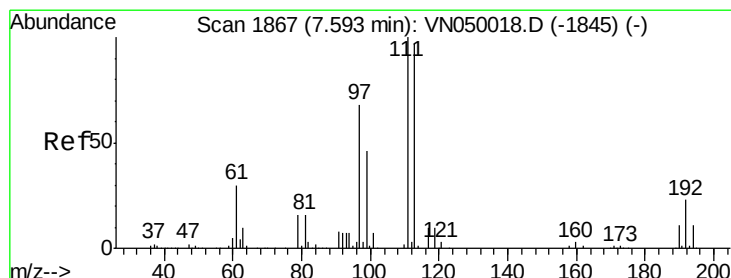
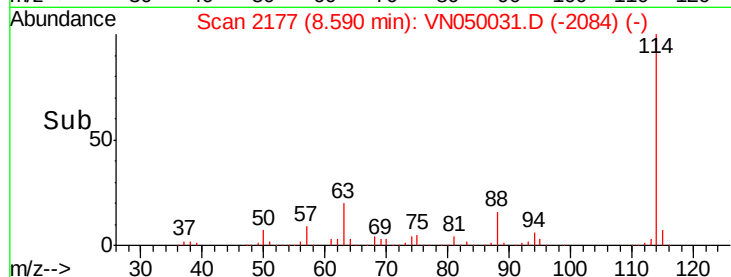
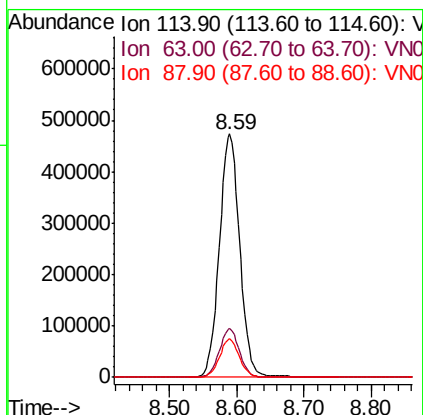
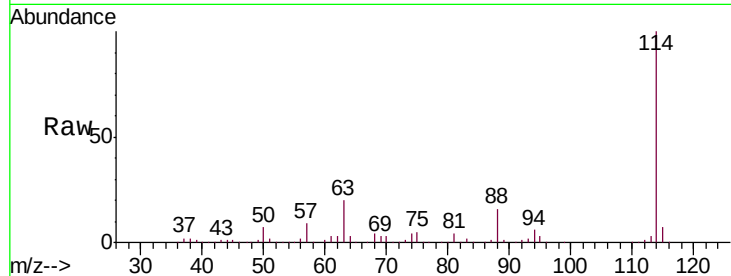




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050031.D
 Acq: 24 Jul 2018 19:38

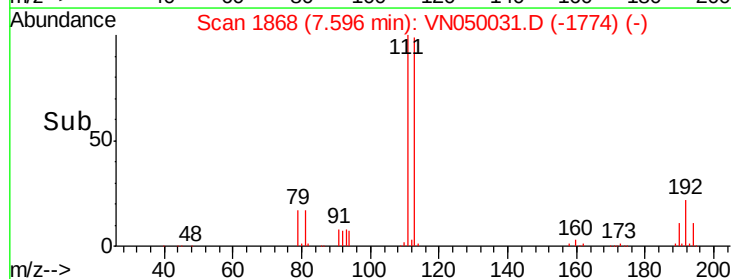
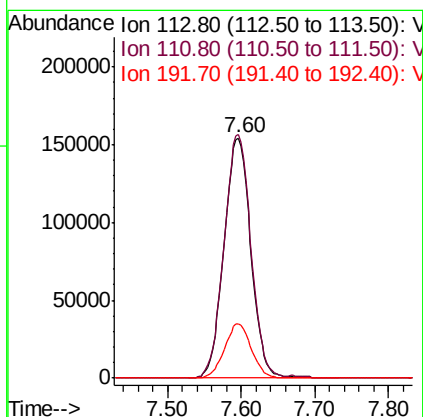
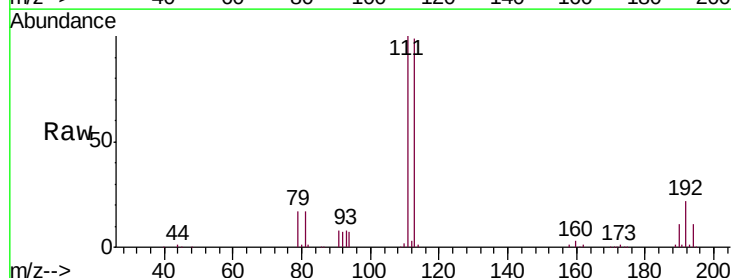
Instrument :
 MSVOA_N
 ClientSampleId :
 GS-RO-338-RO-147-RO-278

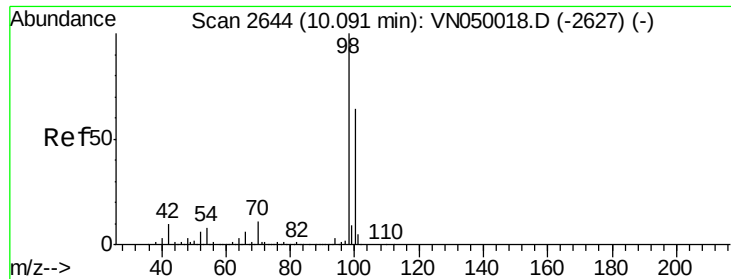
Tot Ion:114 Resp: 1002464
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 40.0
 88 15.7 0.0 31.2



#35
 Dibromofluoromethane
 Concen: 47.74 ug/l
 RT: 7.60 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VN050031.D
 Acq: 24 Jul 2018 19:38

Tgt Ion:113 Resp: 390763
 Ion Ratio Lower Upper
 113 100
 111 101.2 80.7 121.1
 192 22.5 17.8 26.6

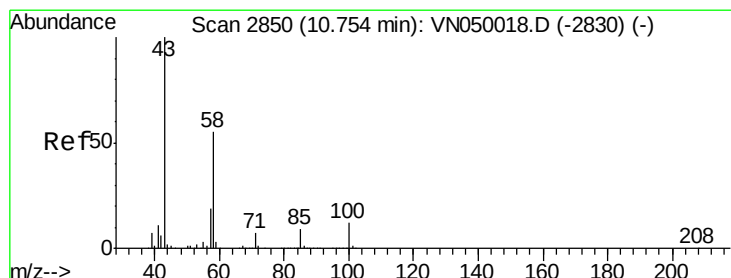
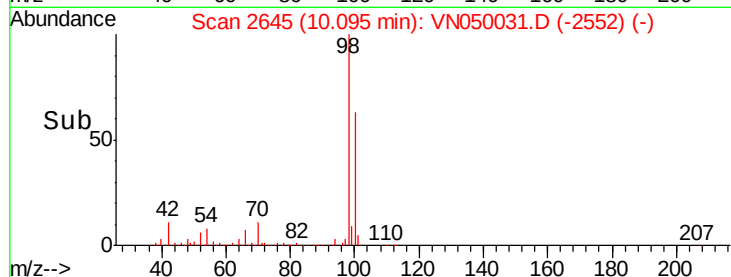
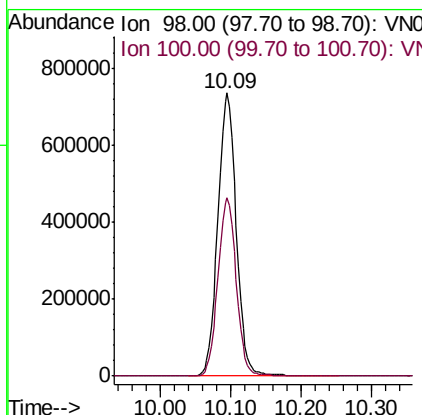
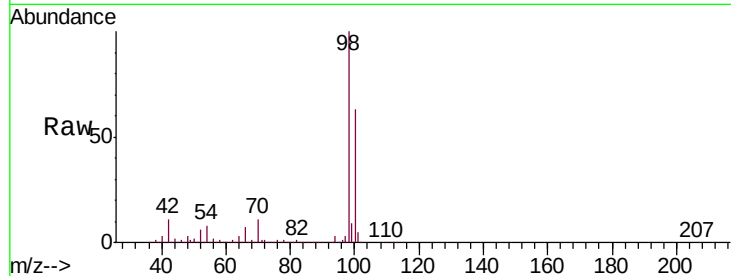




#50
Toluene-d8
Concen: 44.53 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN050031.D
Acq: 24 Jul 2018 19:38

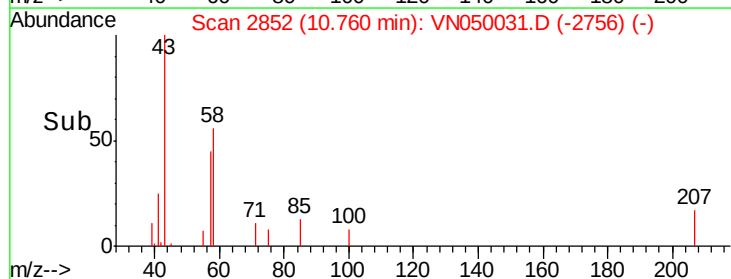
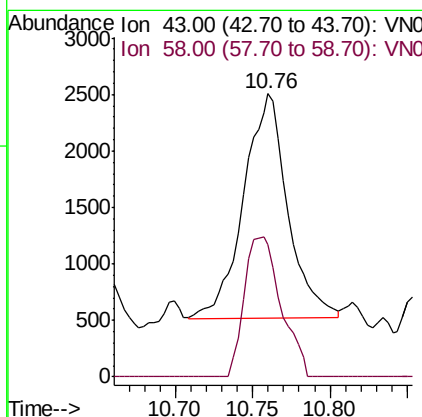
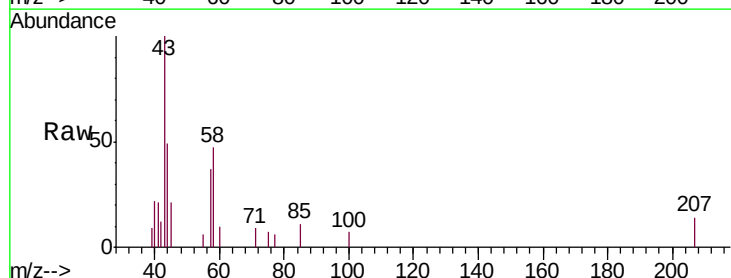
Instrument :
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ClientSampleId :
GS-RO-338-RO-147-RO-278

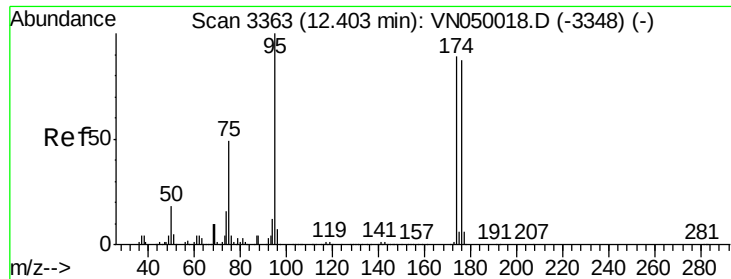
Tot Ion: 98 Resp: 1339980
Ion Ratio Lower Upper
98 100
100 63.0 50.7 76.1



#59
2-Hexanone
Concen: 5.86 ug/l
RT: 10.76 min Scan# 2852
Delta R.T. 0.01 min
Lab File: VN050031.D
Acq: 24 Jul 2018 19:38

Tgt Ion: 43 Resp: 3970
Ion Ratio Lower Upper
43 100
58 51.6 27.6 82.7





#62

4-Bromofluorobenzene

Concen: 38.90 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050031.D

Acq: 24 Jul 2018 19:38

Instrument :

MSVOA_N

ClientSampleId :

GS-RO-338-RO-147-RO-278

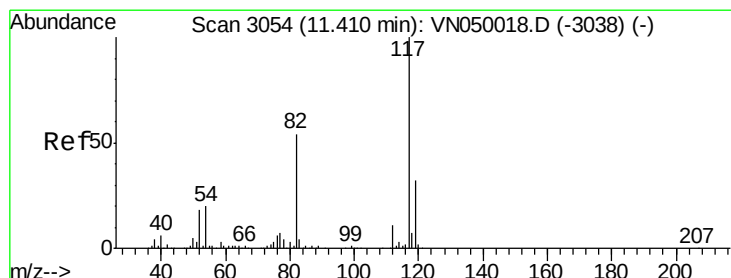
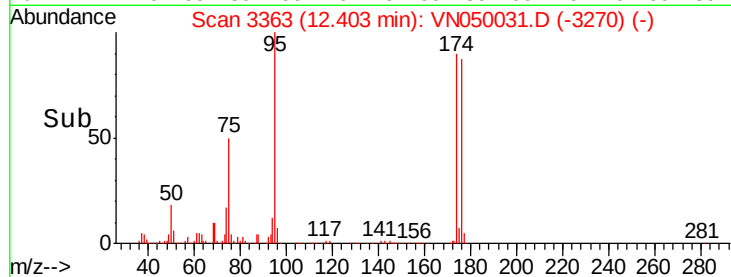
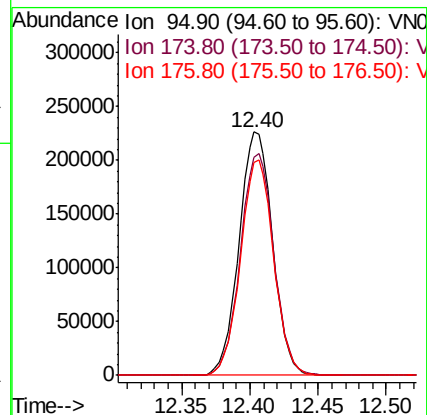
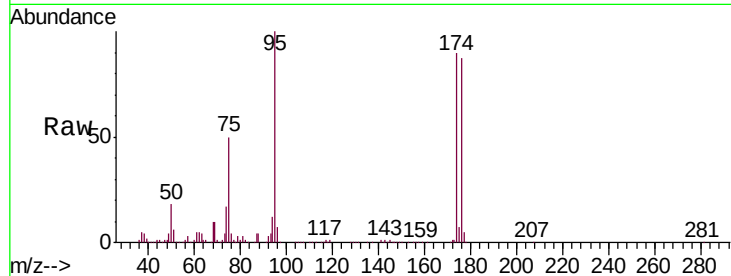
Tot Ion: 95 Resp: 385443

Ion Ratio Lower Upper

95 100

174 91.3 0.0 178.2

176 87.6 0.0 173.4



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN050031.D

Acq: 24 Jul 2018 19:38

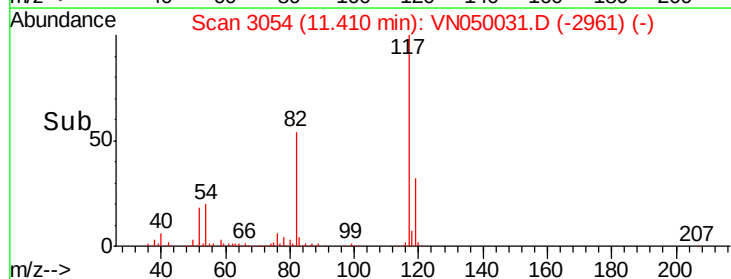
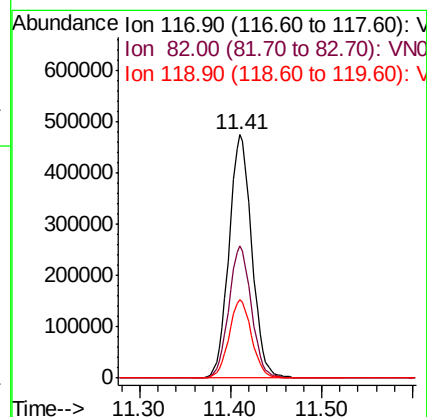
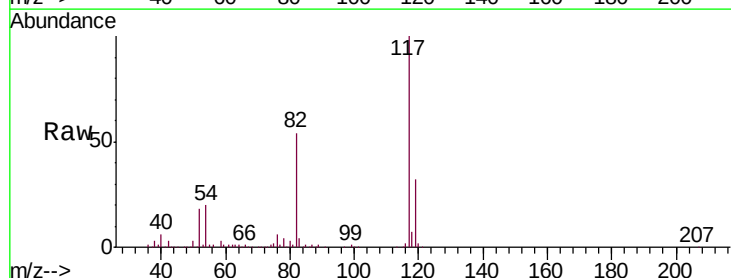
Tgt Ion: 117 Resp: 824160

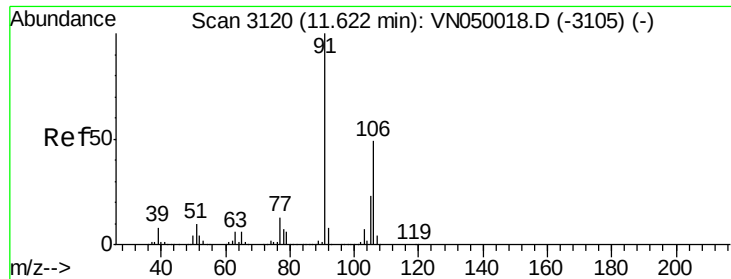
Ion Ratio Lower Upper

117 100

82 54.2 43.7 65.5

119 32.1 26.1 39.1

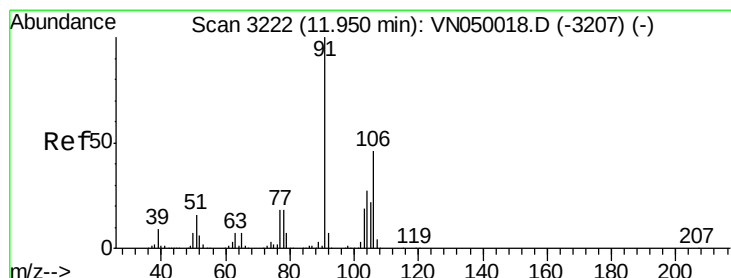
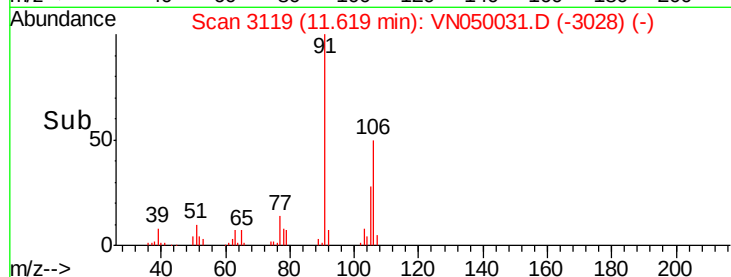
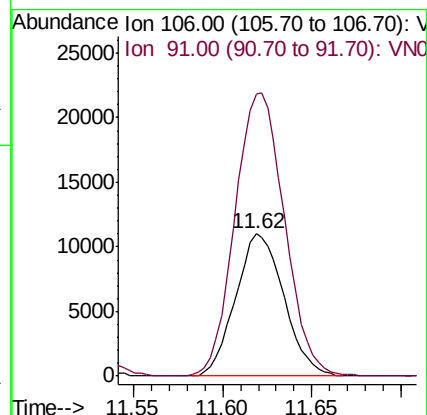
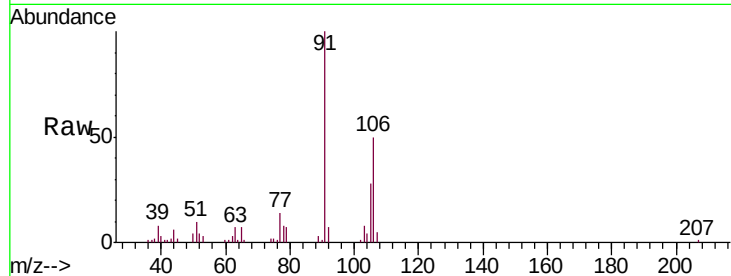




#68
m/p-Xylenes
Concen: 1.64 ug/l
RT: 11.62 min Scan# 3119
Delta R.T. -0.01 min
Lab File: VN050031.D
Acq: 24 Jul 2018 19:38

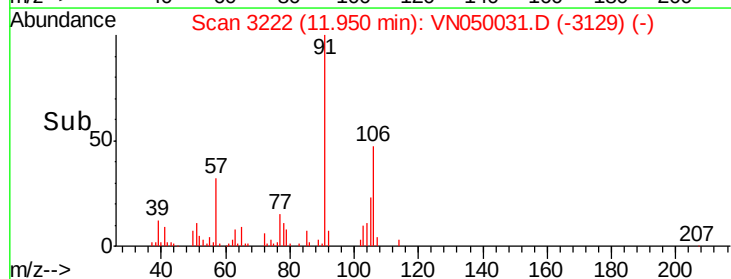
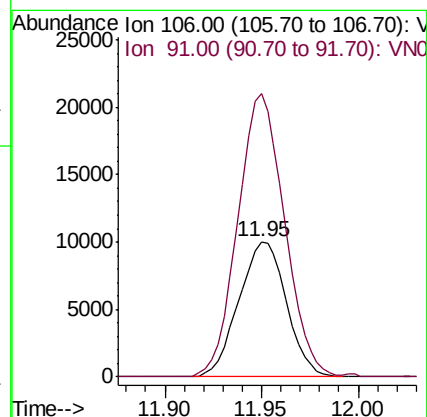
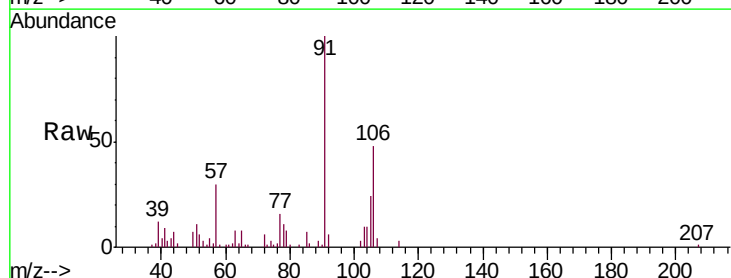
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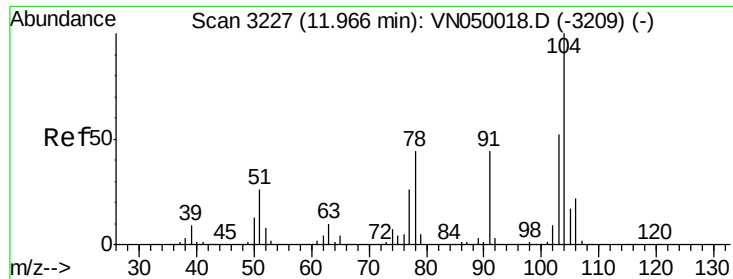
Tot Ion:106 Resp: 20784
Ion Ratio Lower Upper
106 100
91 204.4 162.2 243.2



#69
o-Xylene
Concen: 1.42 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN050031.D
Acq: 24 Jul 2018 19:38

Tgt Ion:106 Resp: 17071
Ion Ratio Lower Upper
106 100
91 207.2 107.7 323.1





#70

Stvrene

Concen: 1.35 ug/l

RT: 11.97 min Scan# 3227

Delta R.T. 0.00 min

Lab File: VN050031.D

Acq: 24 Jul 2018 19:38

Instrument :

MSVOA_N

ClientSampleId :

GS-RO-338-RO-147-RO-278

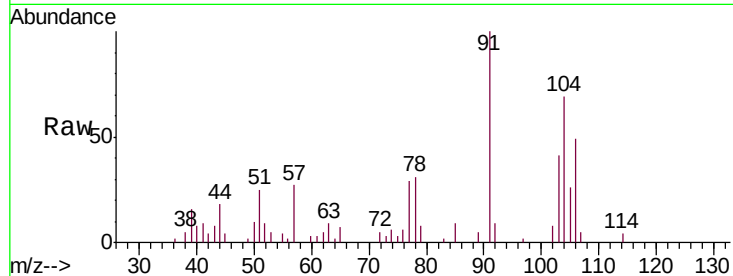
Tot Ion:104 Resp: 9328

Ion Ratio Lower Upper

104 100

78 64.7 39.3 58.9#

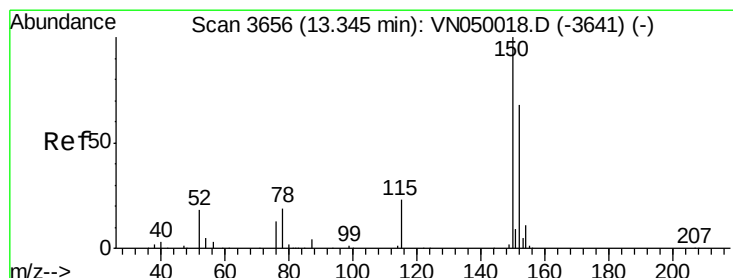
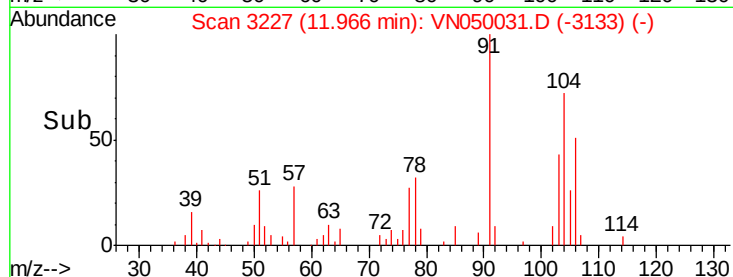
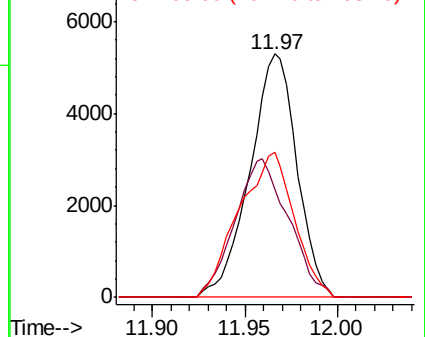
103 70.0 45.0 67.6#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN

Ion 103.00 (102.70 to 103.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050031.D

Acq: 24 Jul 2018 19:38

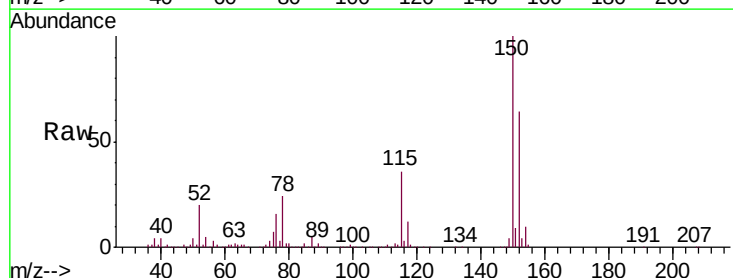
Tgt Ion:152 Resp: 365210

Ion Ratio Lower Upper

152 100

115 57.7 27.8 83.3

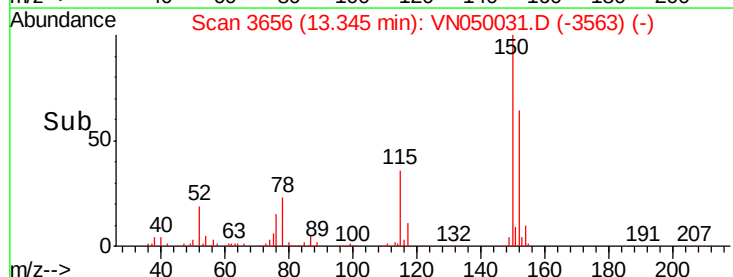
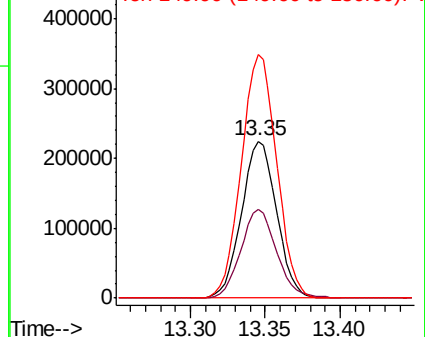
150 157.3 0.0 348.6

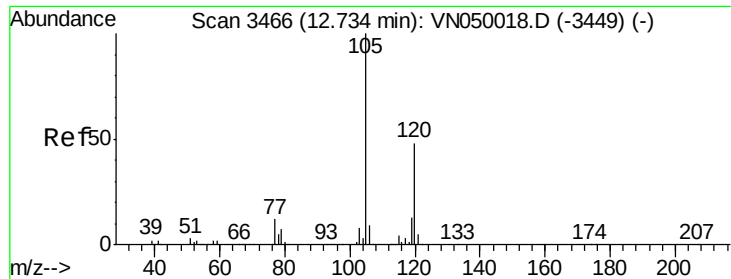


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

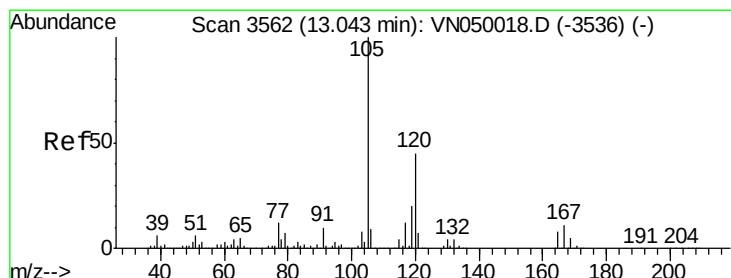
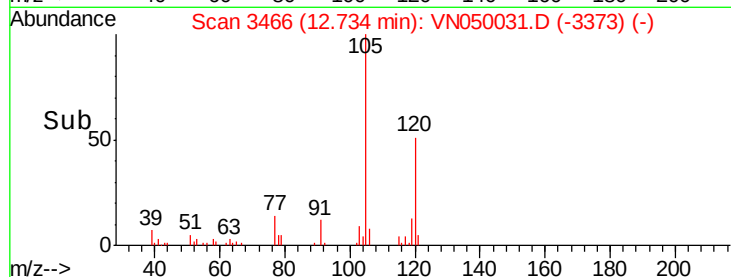
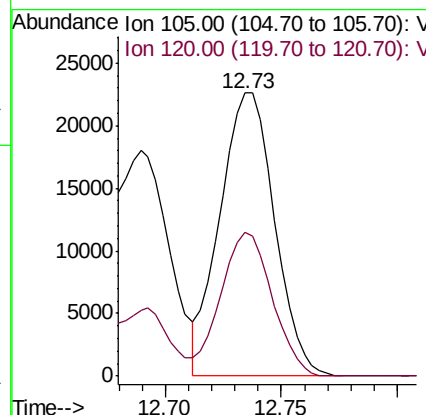
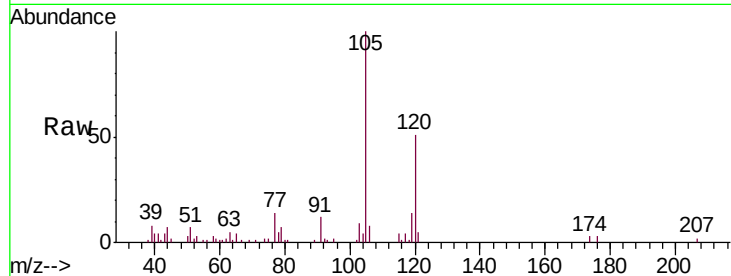




#80
 1,3,5-Trimethylbenzene
 Concen: 1.66 ug/l
 RT: 12.73 min Scan# 3466
 Delta R.T. 0.00 min
 Lab File: VN050031.D
 Acq: 24 Jul 2018 19:38

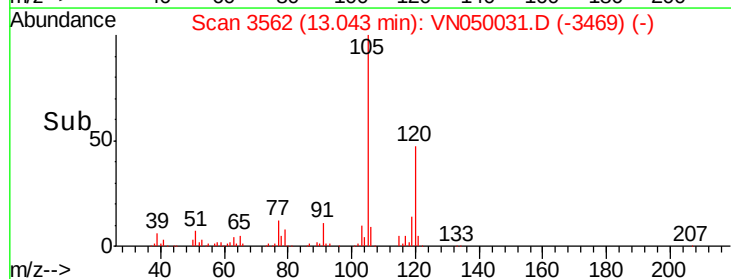
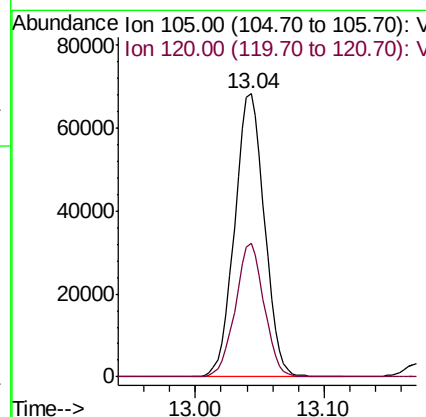
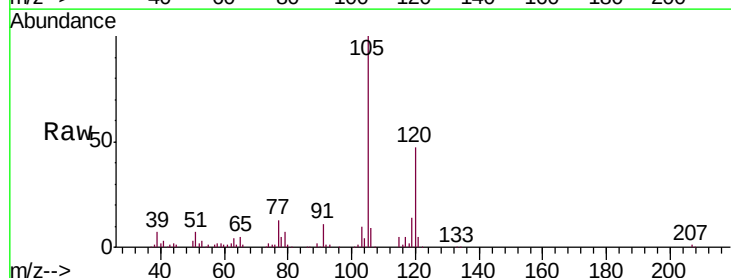
Instrument :
 MSVOA_N
 ClientSampleId :
 GS-RO-338-RO-147-RO-278

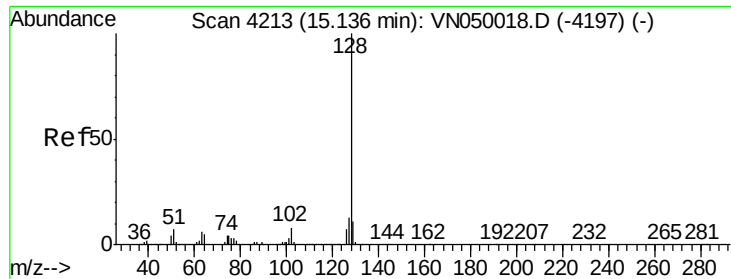
Tot Ion:105 Resp: 37044
 Ion Ratio Lower Upper
 105 100
 120 47.6 24.4 73.2



#84
 1,2,4-Trimethylbenzene
 Concen: 4.87 ug/l
 RT: 13.04 min Scan# 3562
 Delta R.T. 0.00 min
 Lab File: VN050031.D
 Acq: 24 Jul 2018 19:38

Tgt Ion:105 Resp: 109293
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.9 68.7





#95
Naphthalene
Concen: 46.87 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN050031.D
Acq: 24 Jul 2018 19:38

Instrument :
MSVOA_N
ClientSampleId :
GS-RO-338-RO-147-RO-278

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	10.7	8.8	13.2

