

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081718\
 Data File : VN050748.D
 Acq On : 18 Aug 2018 3:44
 Operator : MD\SY
 Sample : J4500-24
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ROCK

Quant Time: Aug 18 05:41:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 08:07:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	602449	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1002666	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	848131	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	292031	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	416687	54.87	ug/l	0.00
Spiked Amount						
			Recovery	=	109.74%	
35) Dibromofluoromethane	7.59	113	388530	48.54	ug/l	0.00
Spiked Amount						
			Recovery	=	97.08%	
50) Toluene-d8	10.09	98	1377049	45.71	ug/l	0.00
Spiked Amount						
			Recovery	=	91.42%	
62) 4-Bromofluorobenzene	12.40	95	367074	36.88	ug/l	0.00
Spiked Amount						
			Recovery	=	73.76%	

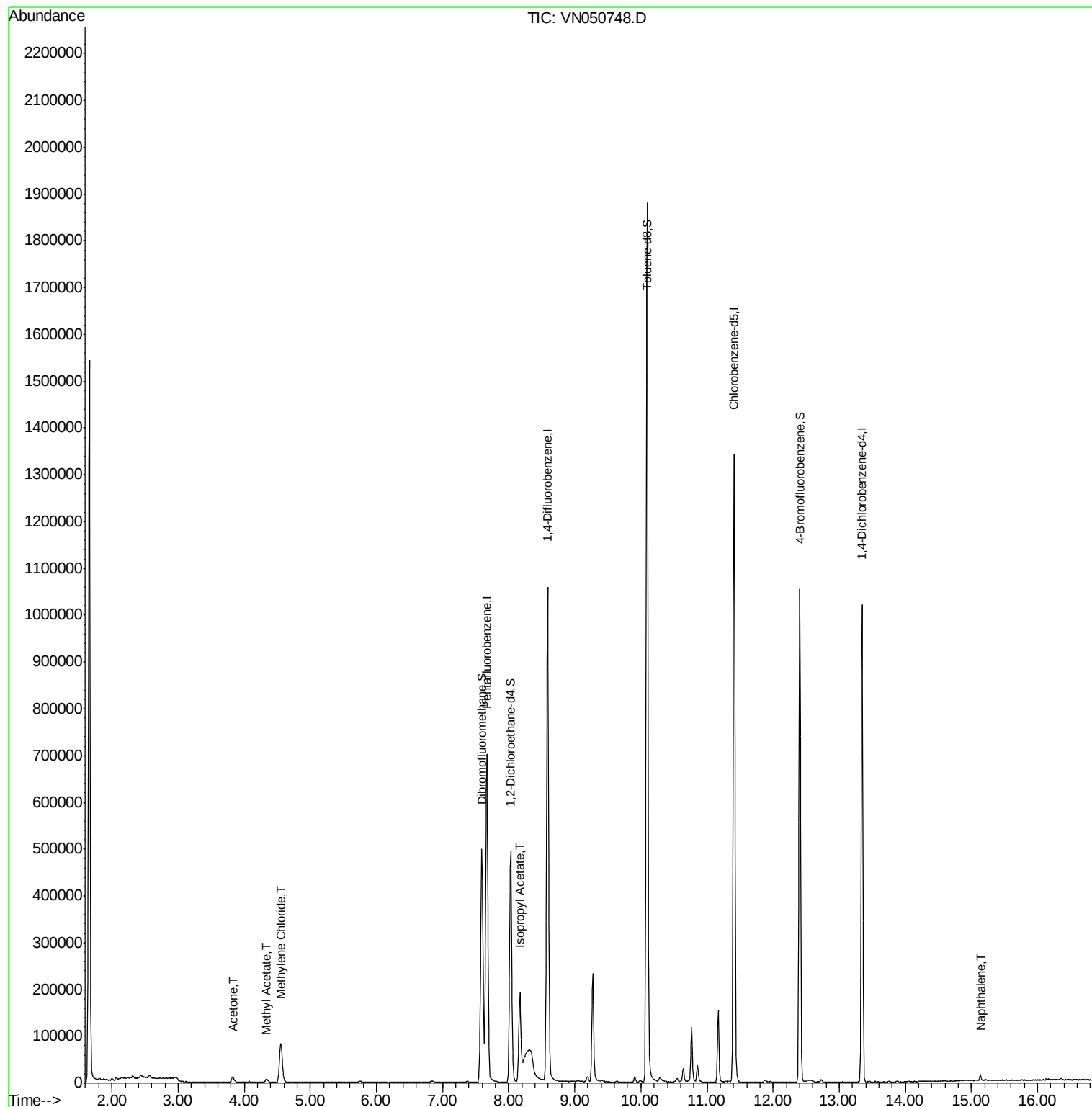
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	20256	9.29	ug/l	99
18) Methyl Acetate	4.34	43	14073	1.68	ug/l	93
20) Methylene Chloride	4.55	84	65953	8.07	ug/l	97
43) Isopropyl Acetate	8.17	43	231472	20.13	ug/l	99
95) Naphthalene	15.14	128	10323	4.71	ug/l #	94

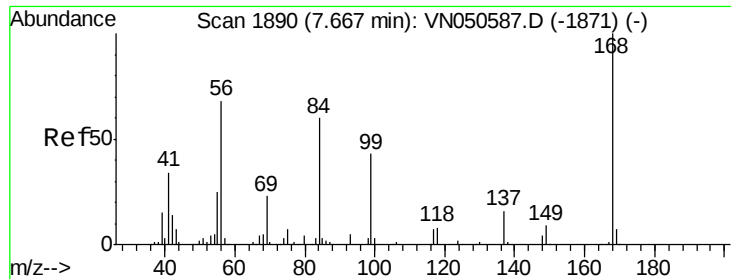
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN050748.D

Acq: 18 Aug 2018 3:44

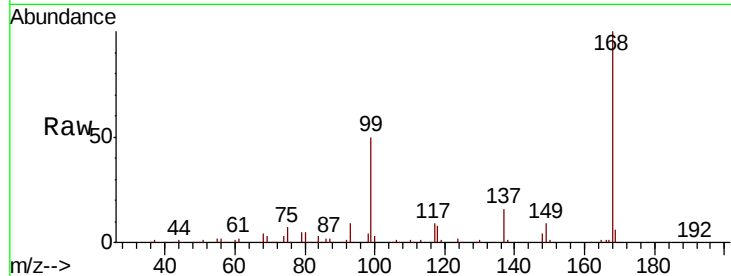
Instrument :
MSVOA_N
ClientSampleId :
ROCK

Tot Ion:168 Resp: 602449

Ion Ratio Lower Upper

168 100

99 49.9 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

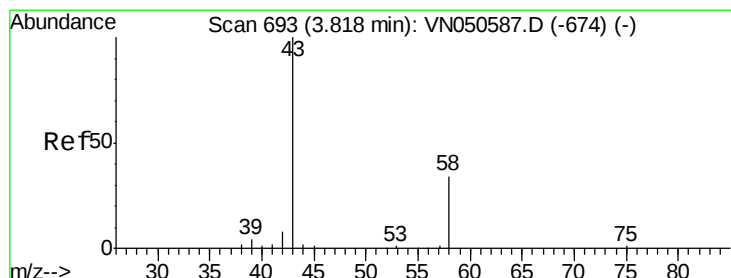
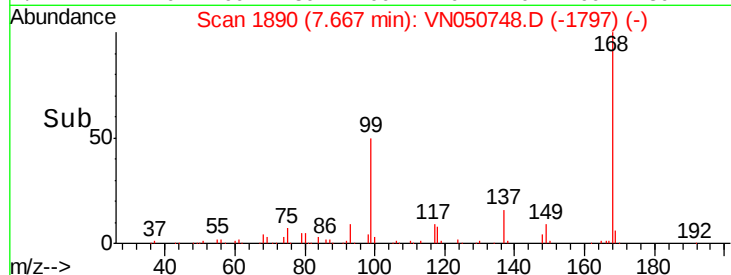
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 9.29 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN050748.D

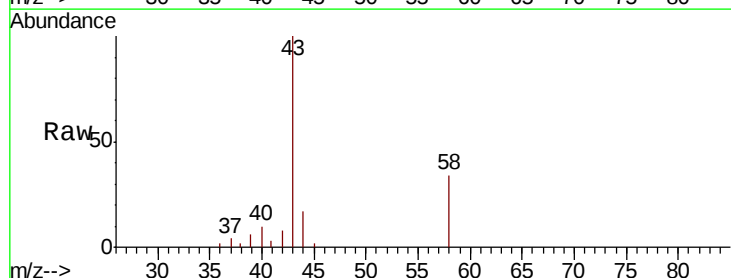
Acq: 18 Aug 2018 3:44

Tgt Ion: 43 Resp: 20256

Ion Ratio Lower Upper

43 100

58 34.4 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.83

8000

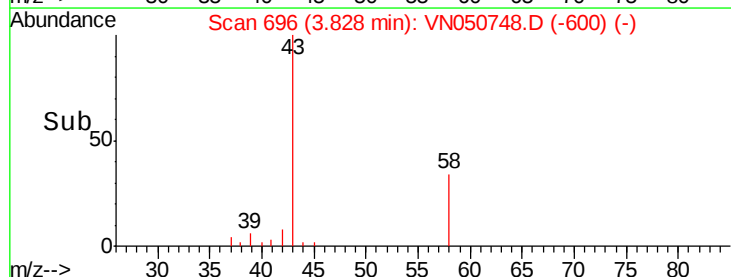
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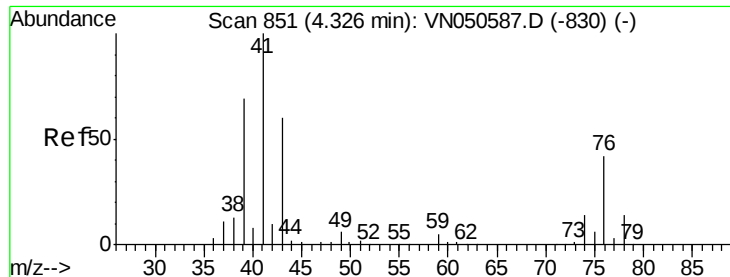
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2000

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Time-->

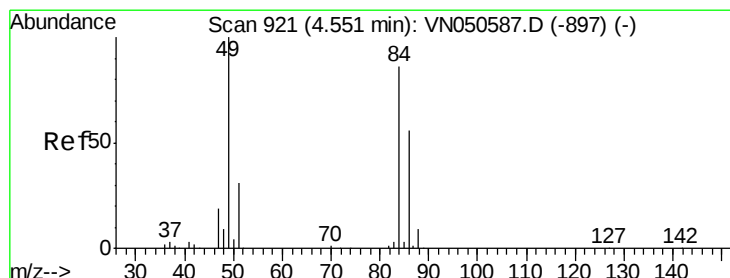
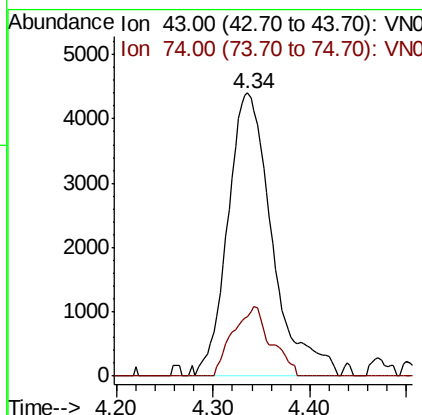
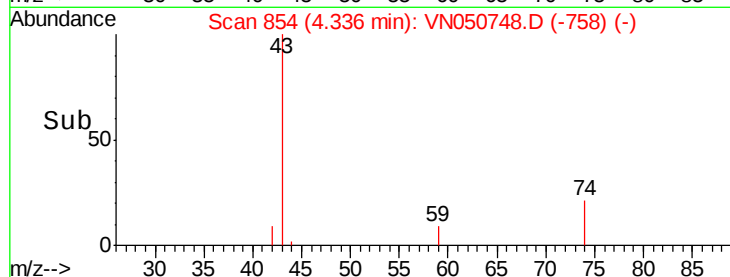
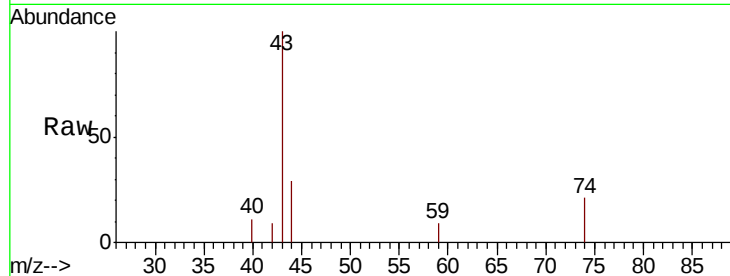




#18
Methyl Acetate
Concen: 1.68 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.01 min
Lab File: VN050748.D
Acq: 18 Aug 2018 3:44

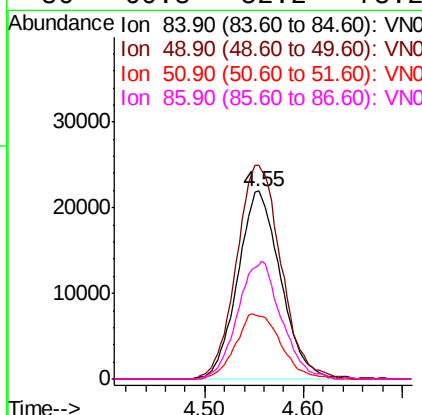
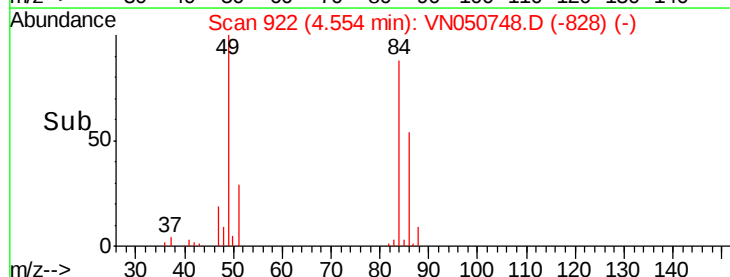
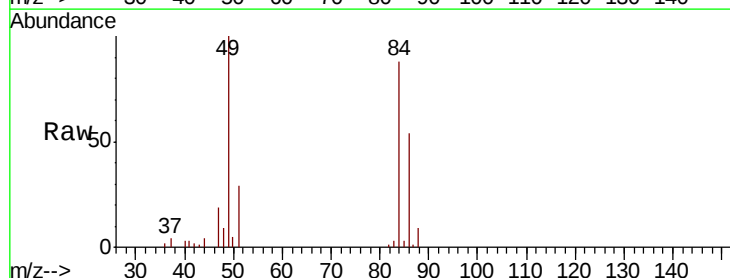
Instrument :
MSVOA_N
ClientSampled :
ROCK

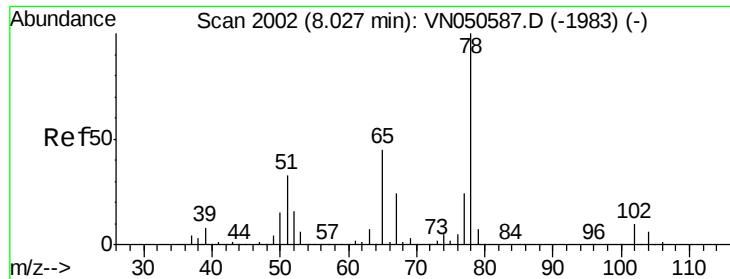
Tot Ion: 43 Resp: 14073
Ion Ratio Lower Upper
43 100
74 21.0 19.7 29.5



#20
Methylene Chloride
Concen: 8.07 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050748.D
Acq: 18 Aug 2018 3:44

Tgt Ion: 84 Resp: 65953
Ion Ratio Lower Upper
84 100
49 113.6 92.6 138.8
51 33.1 28.6 43.0
86 60.8 52.2 78.2

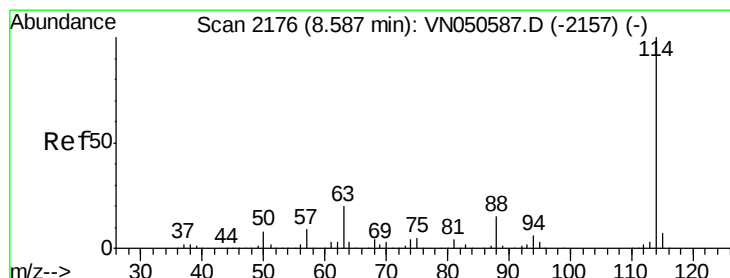
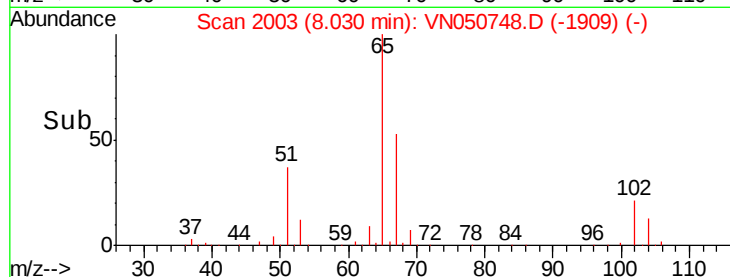
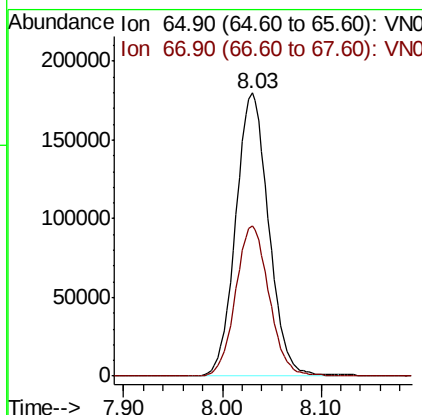
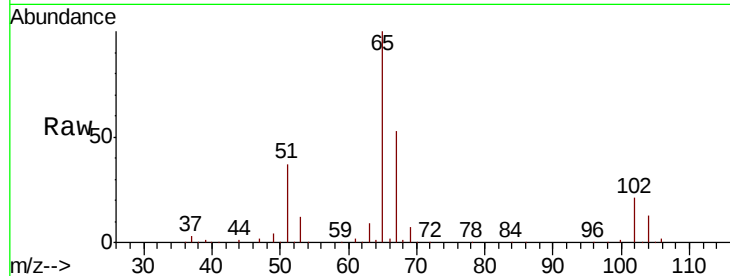




#33
 1,2-Dichloroethane-d4
 Concen: 54.87 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050748.D
 Acq: 18 Aug 2018 3:44

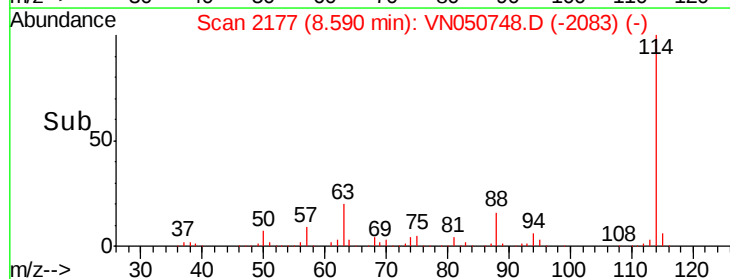
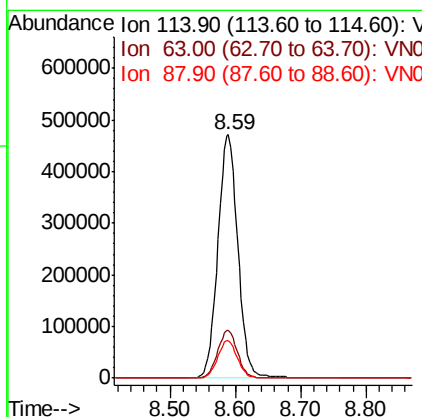
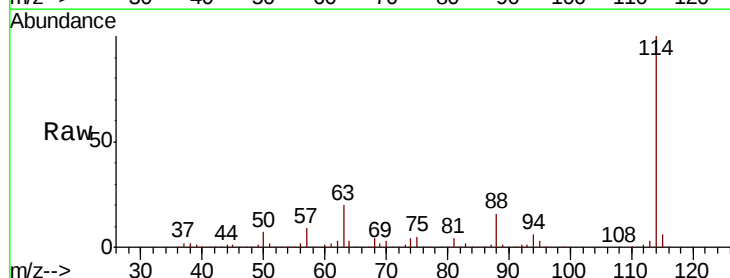
Instrument :
 MSVOA_N
 ClientSampleId :
 ROCK

Tot Ion: 65 Resp: 416687
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 109.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050748.D
 Acq: 18 Aug 2018 3:44

Tgt Ion: 114 Resp: 1002666
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 40.0
 88 15.5 0.0 30.8

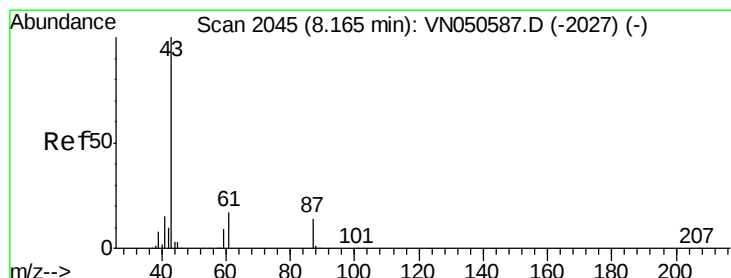
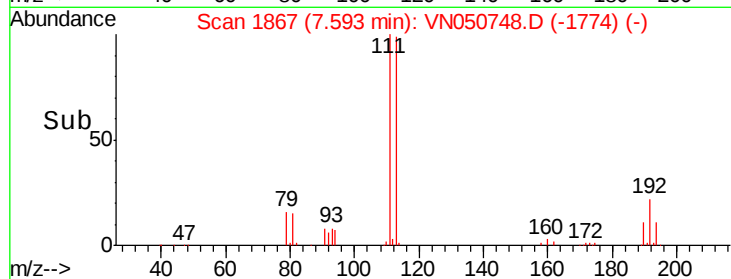
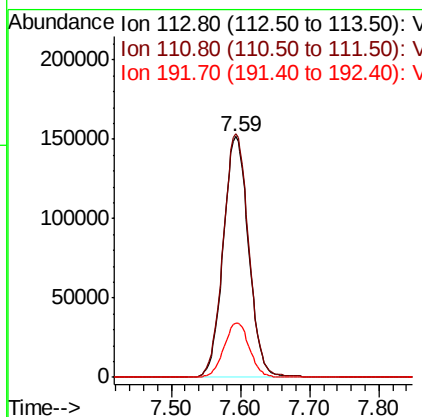
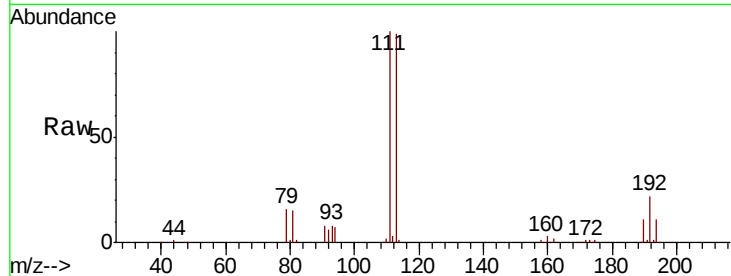




#35
 Dibromofluoromethane
 Concen: 48.54 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN050748.D
 Acq: 18 Aug 2018 3:44

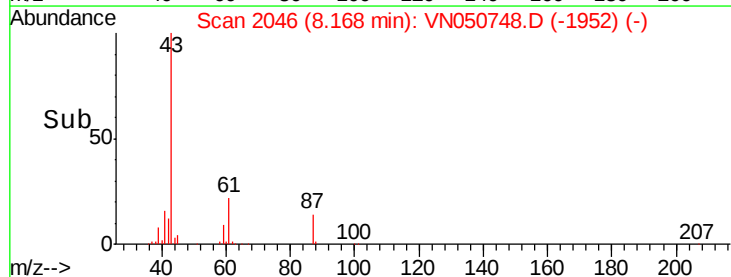
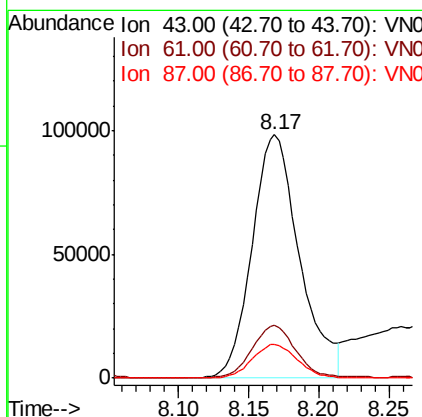
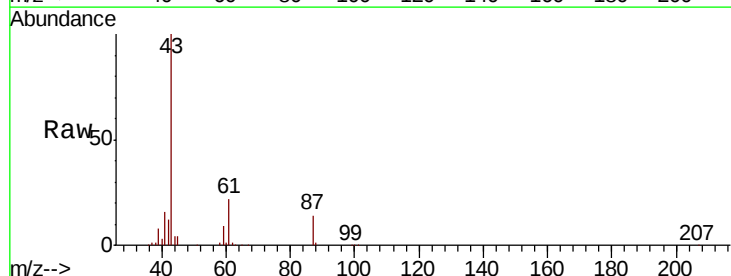
Instrument :
 MSVOA_N
 ClientSampleId :
 ROCK

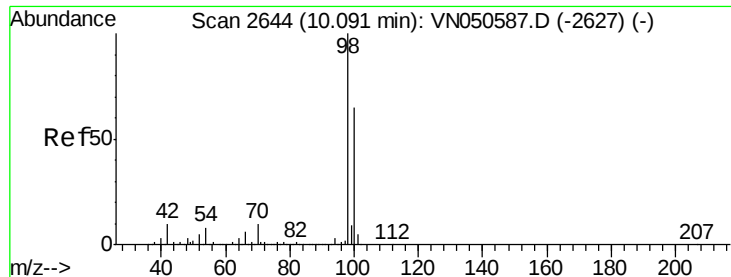
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.0	121.6
192	22.4	17.6	26.4



#43
 Isopropyl Acetate
 Concen: 20.13 ug/l
 RT: 8.17 min Scan# 2046
 Delta R.T. 0.00 min
 Lab File: VN050748.D
 Acq: 18 Aug 2018 3:44

Tgt Ion	Ratio	Lower	Upper
43	100		
61	20.4	16.2	24.2
87	13.2	10.9	16.3





#50

Toluene-d8

Concen: 45.71 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050748.D

Acq: 18 Aug 2018 3:44

Instrument :

MSVOA_N

ClientSampleId :

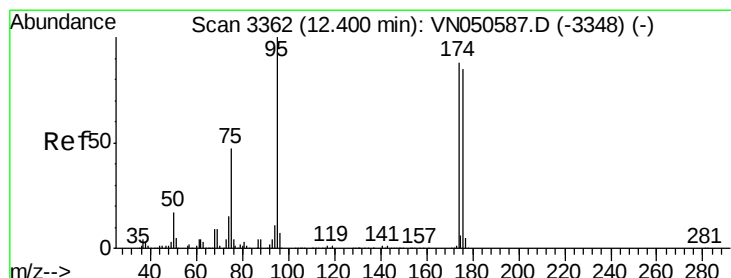
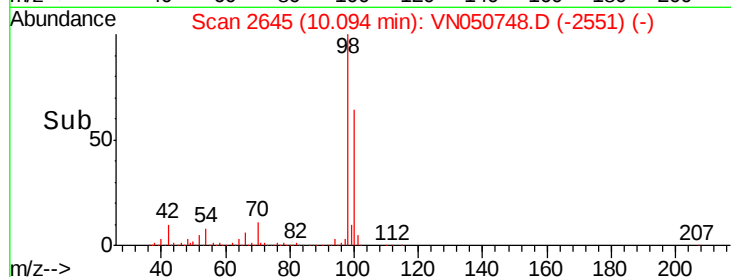
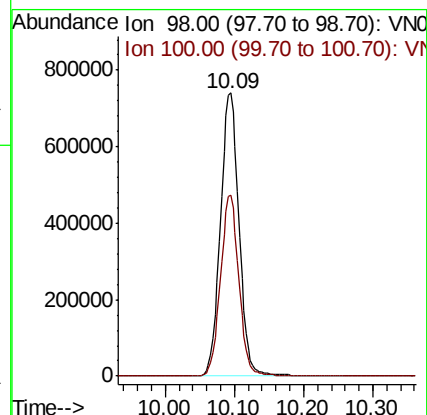
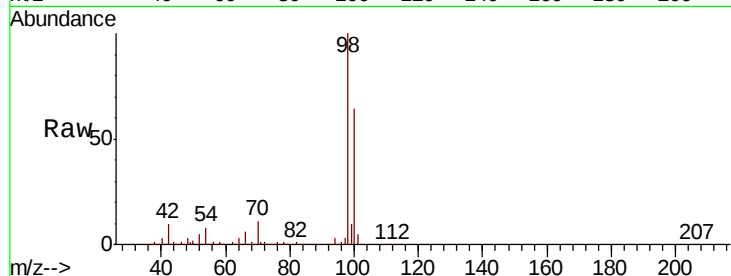
ROCK

Tot Ion: 98 Resp: 1377049

Ion Ratio Lower Upper

98 100

100 63.2 51.8 77.8



#62

4-Bromofluorobenzene

Concen: 36.88 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050748.D

Acq: 18 Aug 2018 3:44

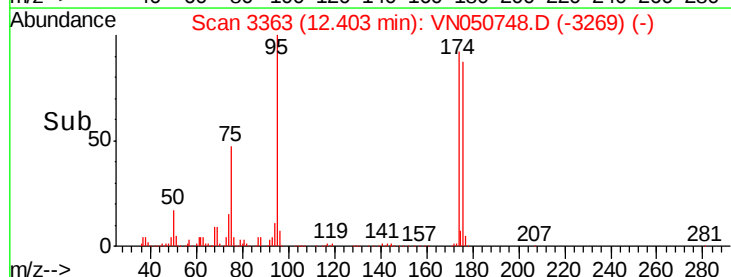
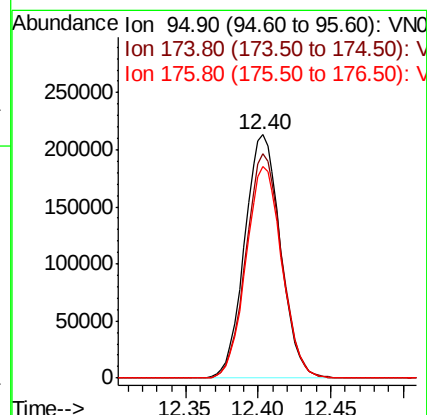
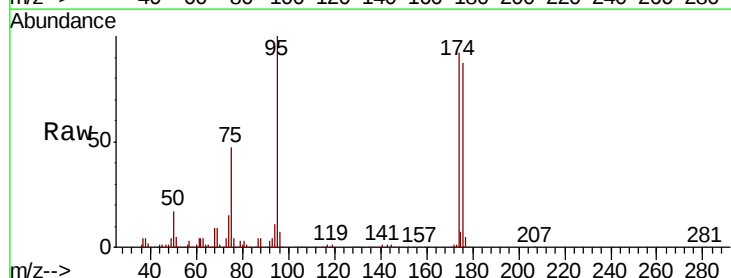
Tgt Ion: 95 Resp: 367074

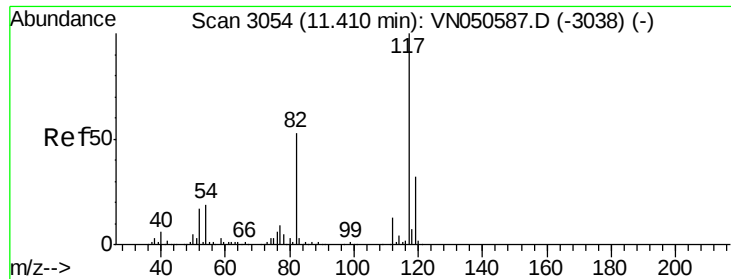
Ion Ratio Lower Upper

95 100

174 92.0 0.0 177.8

176 87.1 0.0 175.0

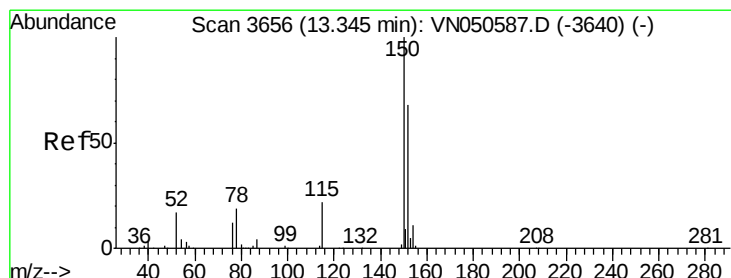
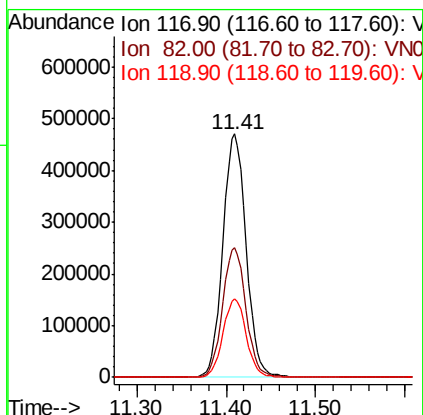
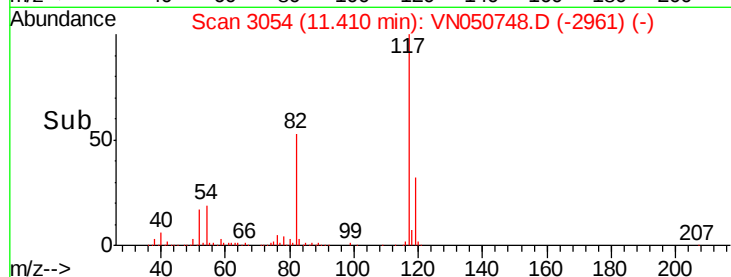
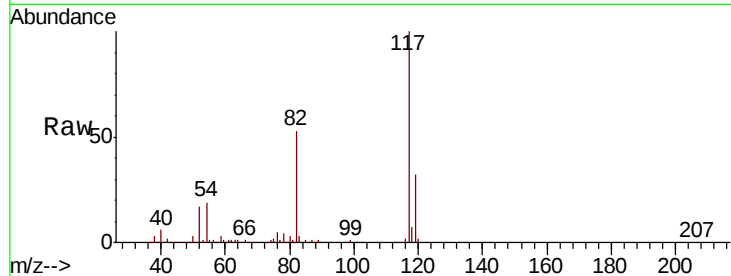




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN050748.D
Acq: 18 Aug 2018 3:44

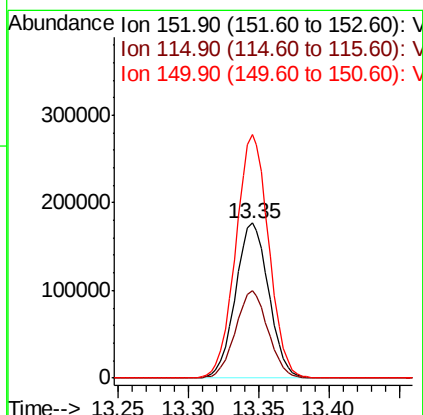
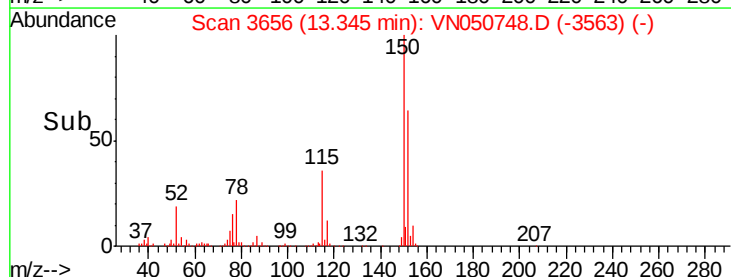
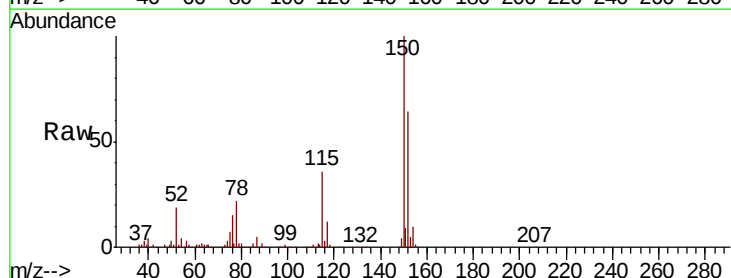
Instrument :
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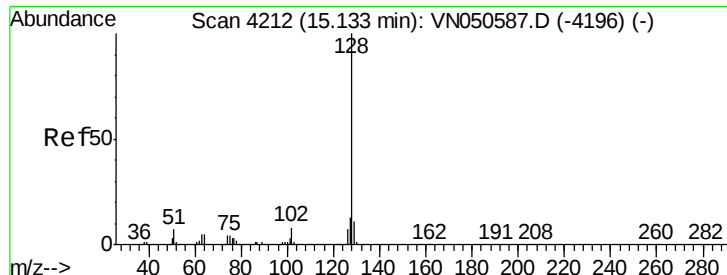
Tot Ion:117 Resp: 848131
Ion Ratio Lower Upper
117 100
82 53.2 42.4 63.6
119 32.1 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. -0.00 min
Lab File: VN050748.D
Acq: 18 Aug 2018 3:44

Tgt Ion:152 Resp: 292031
Ion Ratio Lower Upper
152 100
115 55.5 28.1 84.2
150 155.8 0.0 347.8





#95
Naphthalene
Concen: 4.71 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN050748.D
Acq: 18 Aug 2018 3:44

Instrument :
MSVOA_N
ClientSampleId :
ROCK

Tot Ion	Ratio	Lower	Upper
128	100		
127	17.2	10.3	15.5#
129	10.6	8.5	12.7

