

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081018\
 Data File : VN050556.D
 Acq On : 11 Aug 2018 7:52
 Operator : MD\SY
 Sample : J4405-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EXCAVATION-SOIL

Quant Time: Aug 13 01:02:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 05:22:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	640798	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1059298	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	924504	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	358725	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	440476	51.45	ug/l	0.00
Spiked Amount			Recovery	=	102.90%	
35) Dibromofluoromethane	7.59	113	410547	48.30	ug/l	0.00
Spiked Amount			Recovery	=	96.60%	
50) Toluene-d8	10.09	98	1460738	45.71	ug/l	0.00
Spiked Amount			Recovery	=	91.42%	
62) 4-Bromofluorobenzene	12.40	95	415143	38.11	ug/l	0.00
Spiked Amount			Recovery	=	76.22%	

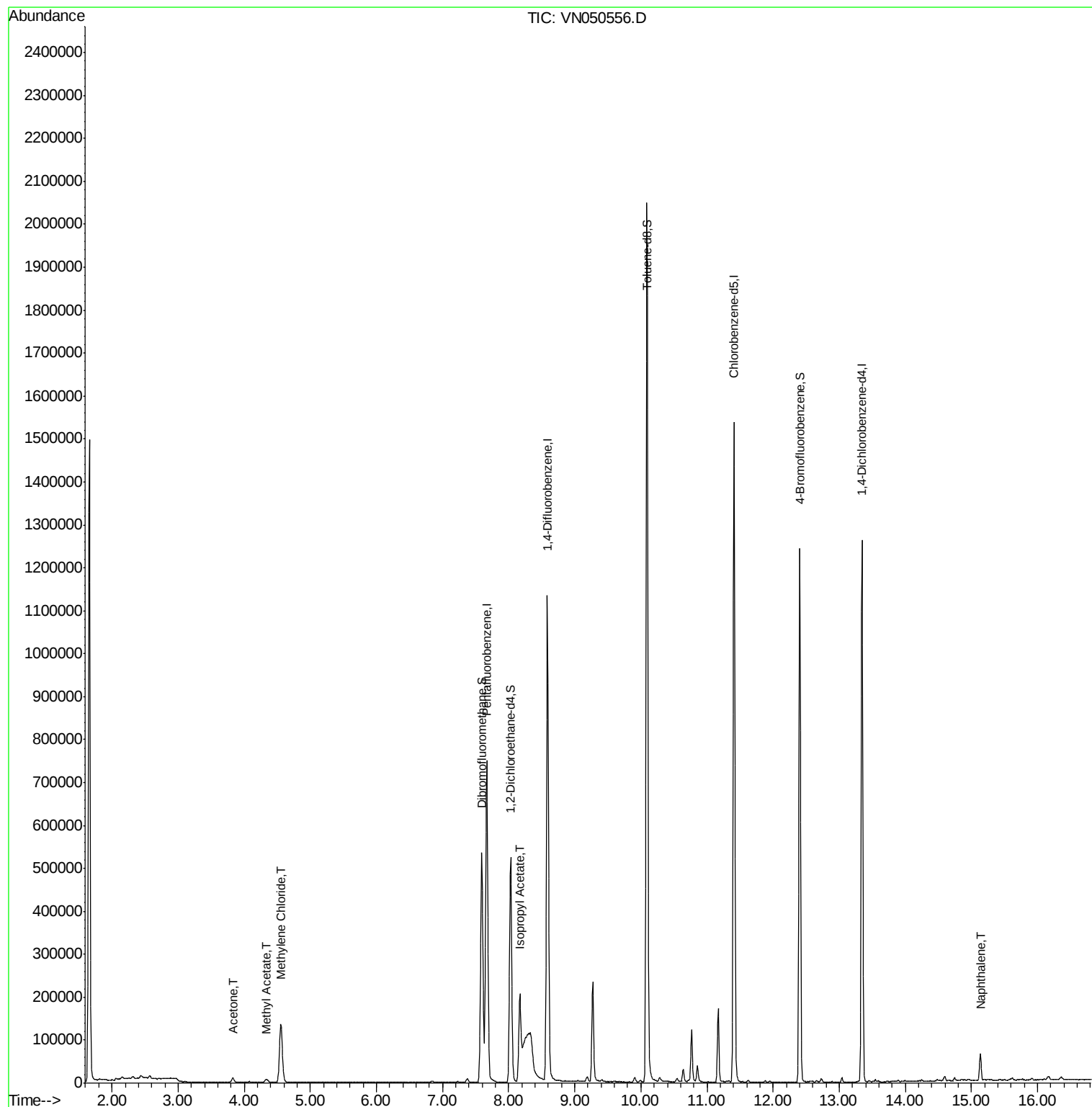
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	17475	6.49	ug/l	97
18) Methyl Acetate	4.33	43	15897	2.21	ug/l	# 71
20) Methylene Chloride	4.55	84	107818	12.65	ug/l	98
43) Isopropyl Acetate	8.17	43	258676	17.88	ug/l	95
95) Naphthalene	15.14	128	54254	6.52	ug/l	98

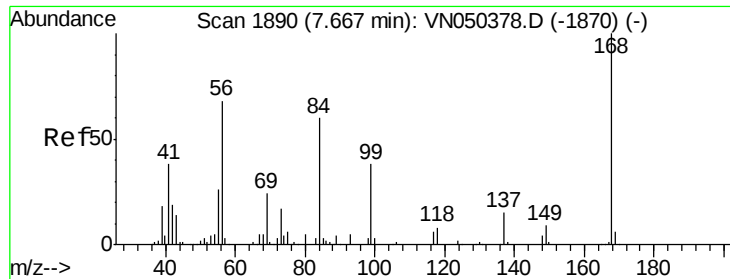
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN081018\
Data File : VN050556.D
Acq On : 11 Aug 2018 7:52
Operator : MD\SY
Sample : J4405-04
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 53 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
EXCAVATION-SOIL

Quant Time: Aug 13 01:02:48 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 07 05:22:15 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN050556.D

Acq: 11 Aug 2018 7:52

Instrument :

MSVOA_N

ClientSampleId :

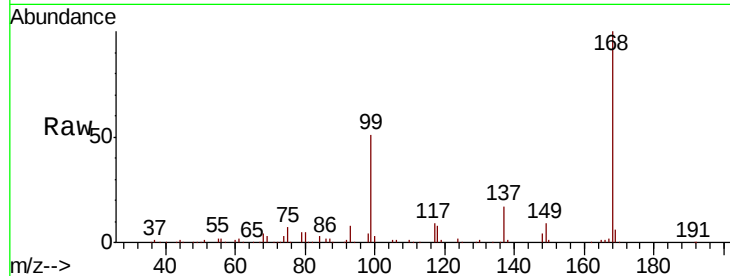
EXCAVATION-SOIL

Tot Ion:168 Resp: 640798

Ion Ratio Lower Upper

168 100

99 50.8 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): VN050378.D (-1870) (-)

Ion 98.90 (98.60 to 99.60): VN050378.D (-1870) (-)

7.67

300000

250000

200000

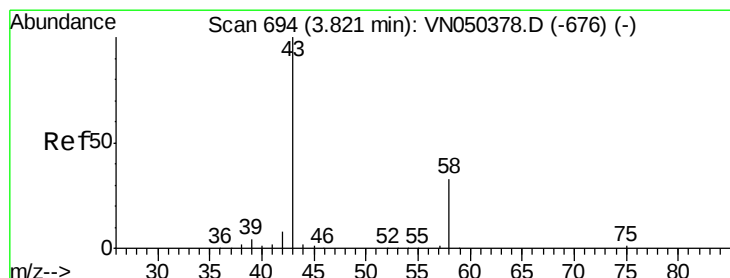
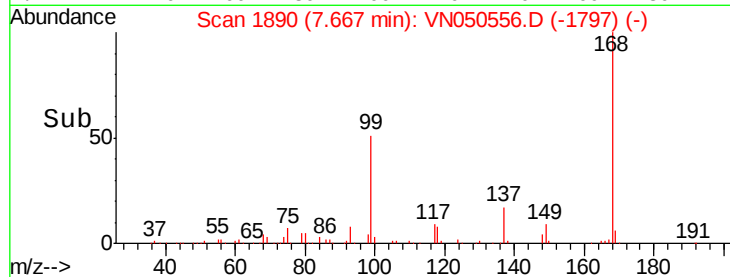
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 6.49 ug/l

RT: 3.83 min Scan# 697

Delta R.T. 0.01 min

Lab File: VN050556.D

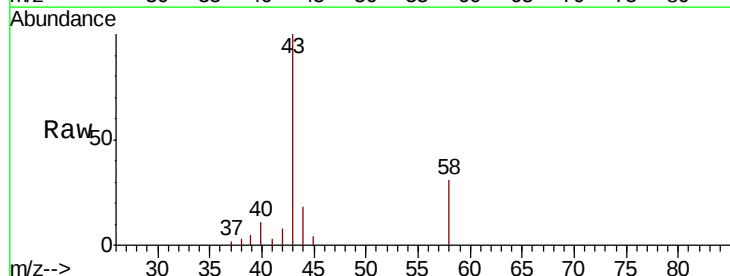
Acq: 11 Aug 2018 7:52

Tgt Ion: 43 Resp: 17475

Ion Ratio Lower Upper

43 100

58 30.5 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN050378.D (-676) (-)

Ion 58.00 (57.70 to 58.70): VN050378.D (-676) (-)

3.83

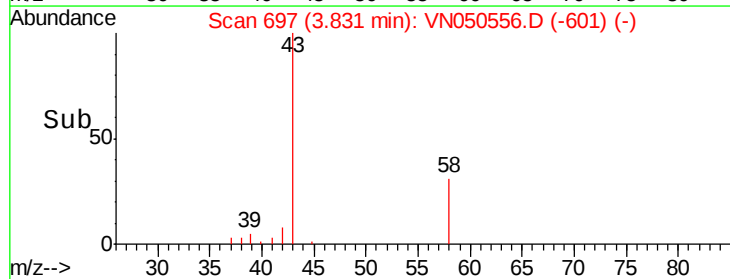
6000

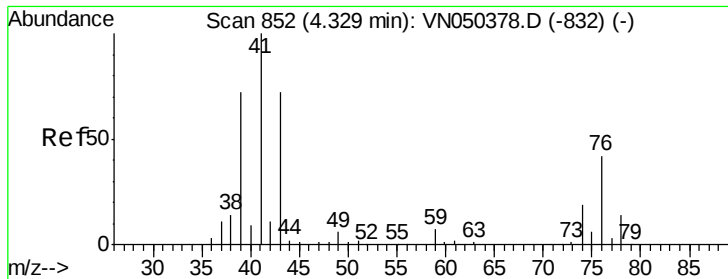
4000

2000

0

Time-->

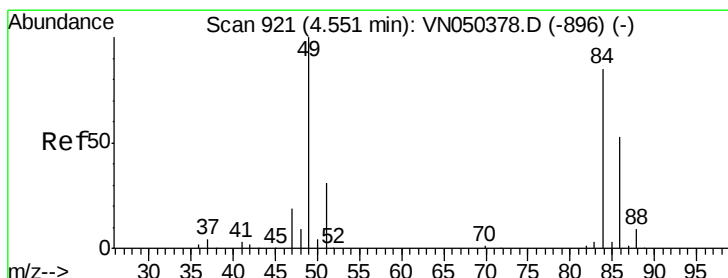
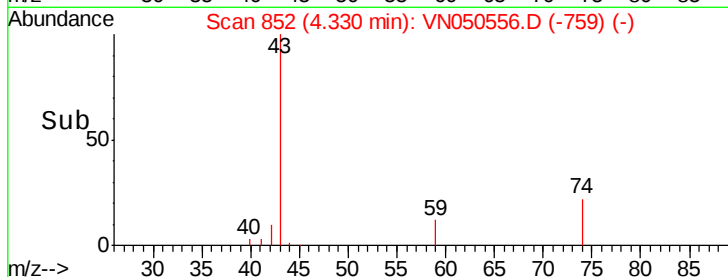
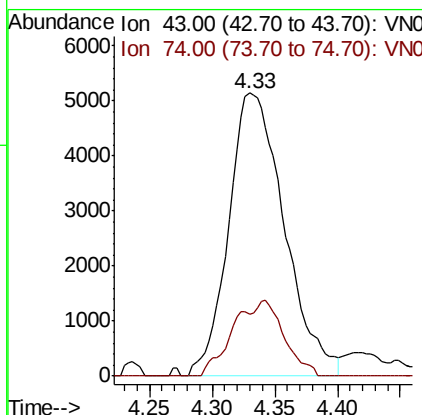
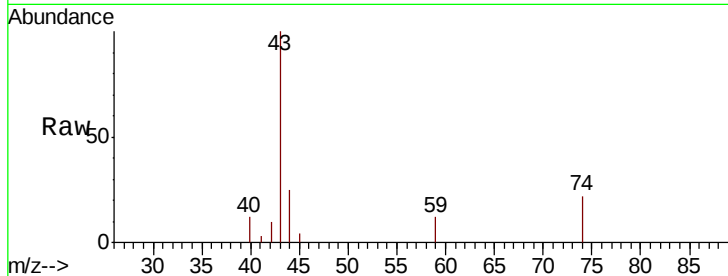




#18
Methvl Acetate
Concen: 2.21 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN050556.D
Acq: 11 Aug 2018 7:52

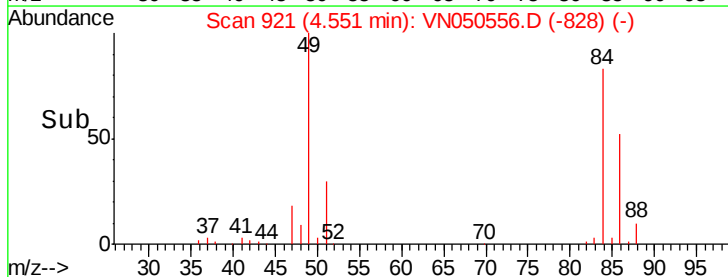
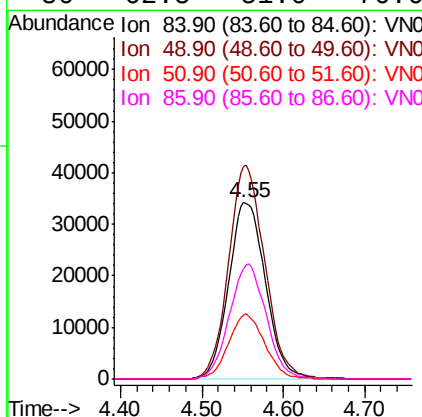
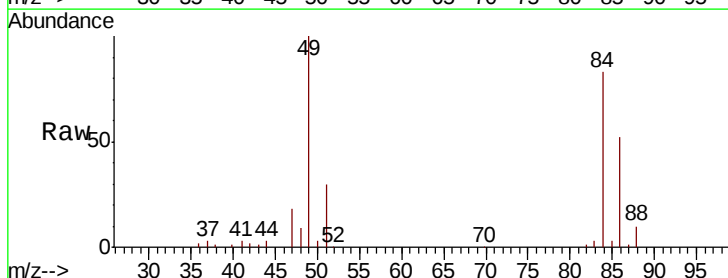
Instrument :
MSVOA_N
ClientSampleId :
EXCAVATION-SOIL

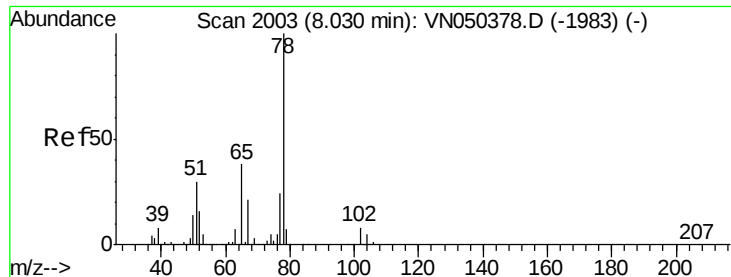
Tot Ion: 43 Resp: 15897
Ion Ratio Lower Upper
43 100
74 9.9 19.2 28.8#



#20
Methylene Chloride
Concen: 12.65 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN050556.D
Acq: 11 Aug 2018 7:52

Tgt Ion: 84 Resp: 107818
Ion Ratio Lower Upper
84 100
49 120.6 94.8 142.2
51 36.5 28.3 42.5
86 62.5 51.0 76.6

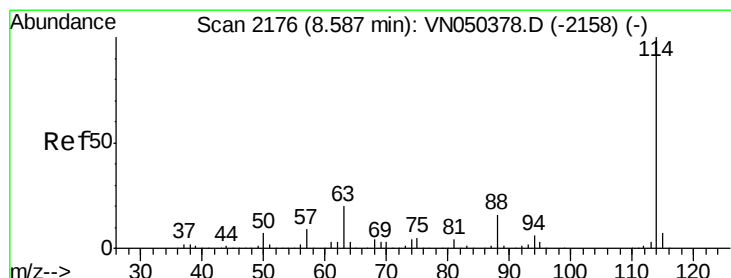
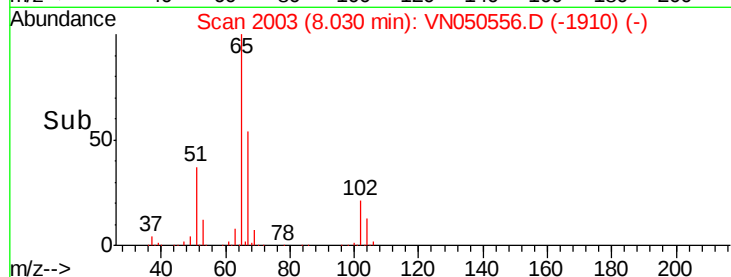
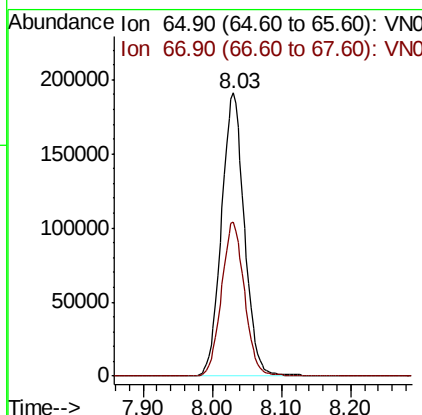
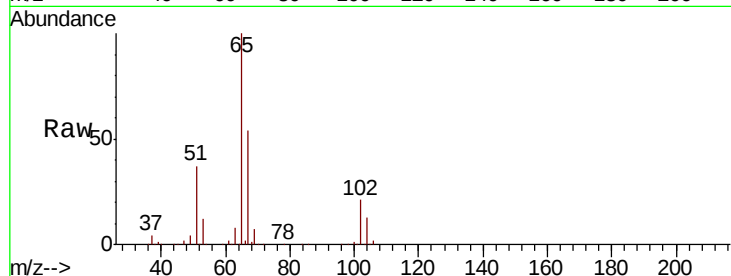




#33
 1,2-Dichloroethane-d4
 Concen: 51.45 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050556.D
 Acq: 11 Aug 2018 7:52

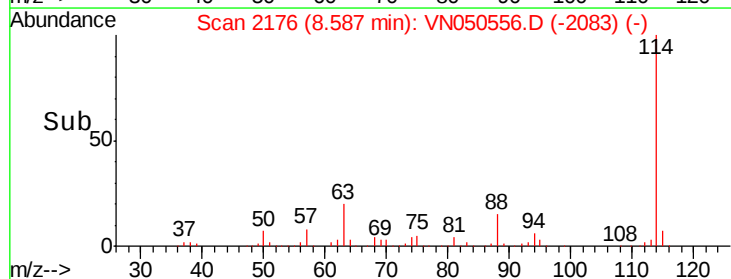
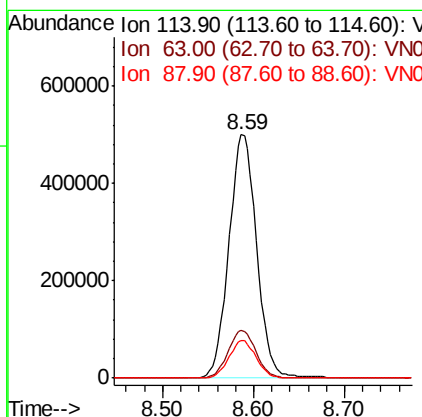
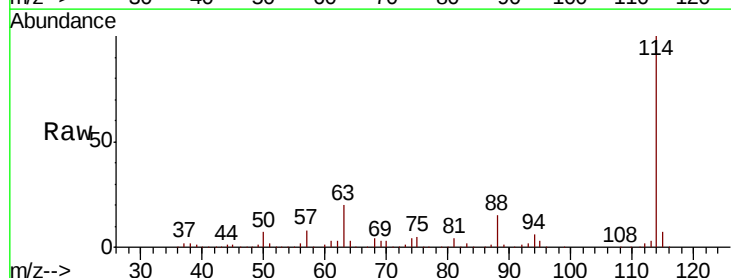
Instrument :
 MSVOA_N
 ClientSampleId :
 EXCAVATION-SOIL

Tot Ion: 65 Resp: 440476
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN050556.D
 Acq: 11 Aug 2018 7:52

Tgt Ion: 114 Resp: 1059298
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 40.0
 88 15.4 0.0 31.2

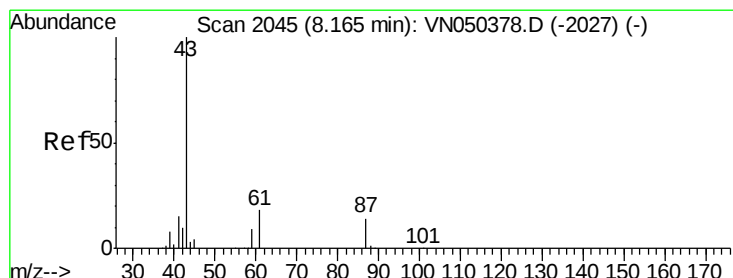
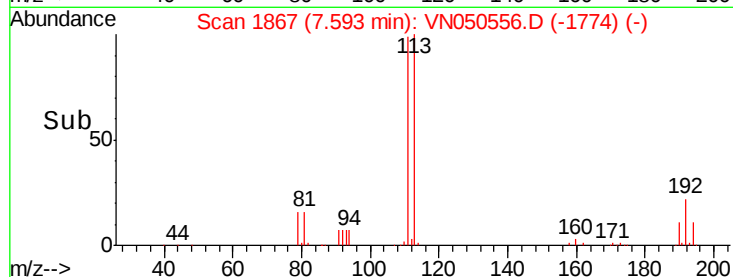
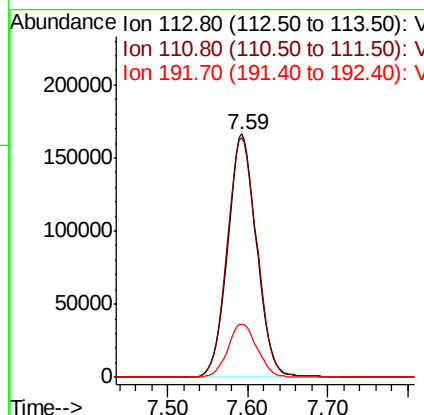
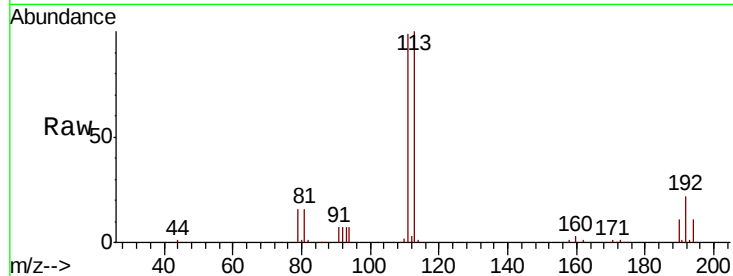




#35
 Dibromofluoromethane
 Concen: 48.30 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050556.D
 Acq: 11 Aug 2018 7:52

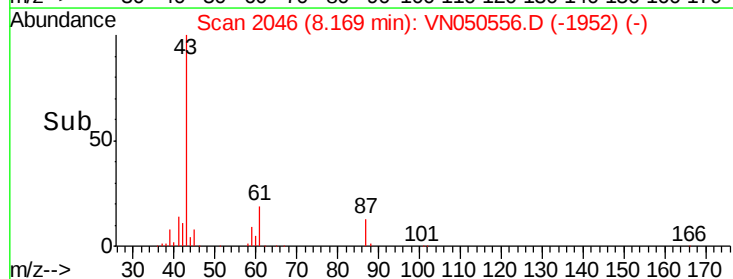
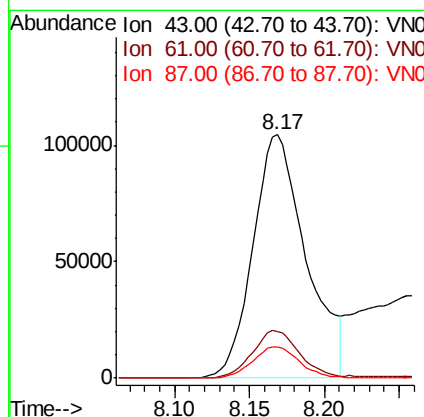
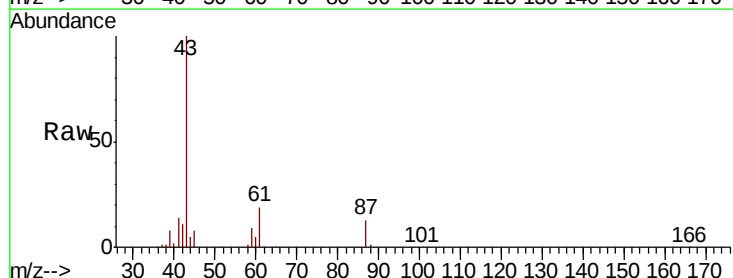
Instrument :
 MSVOA_N
 ClientSampleId :
 EXCAVATION-SOIL

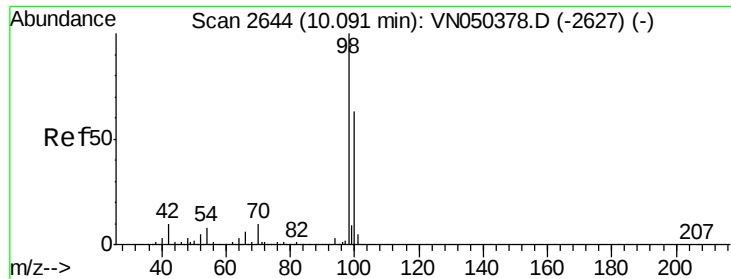
Tot Ion:113 Resp: 410547
 Ion Ratio Lower Upper
 113 100
 111 101.1 80.7 121.1
 192 22.2 17.8 26.6



#43
 Isopropyl Acetate
 Concen: 17.88 ug/l
 RT: 8.17 min Scan# 2046
 Delta R.T. 0.00 min
 Lab File: VN050556.D
 Acq: 11 Aug 2018 7:52

Tgt Ion: 43 Resp: 258676
 Ion Ratio Lower Upper
 43 100
 61 17.3 15.8 23.6
 87 11.4 10.3 15.5

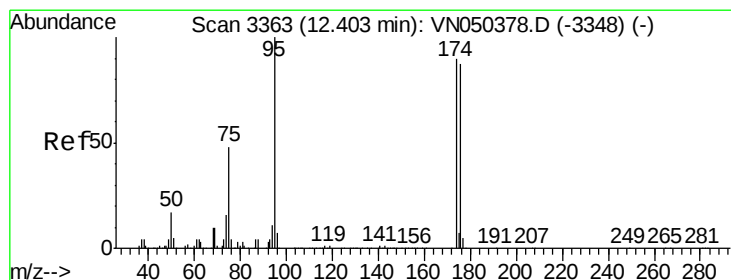
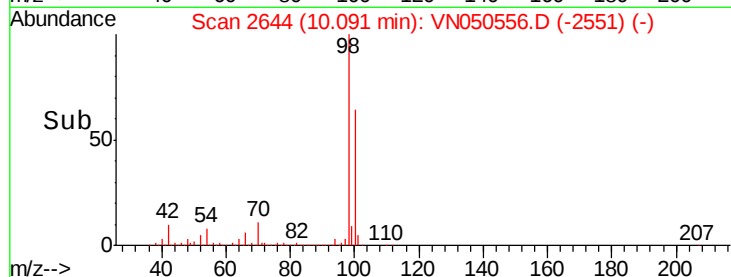
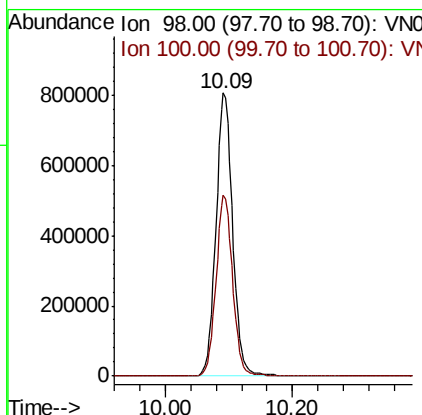
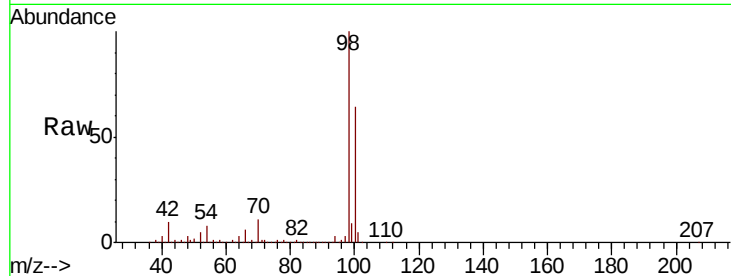




#50
Toluene-d8
Concen: 45.71 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN050556.D
Acq: 11 Aug 2018 7:52

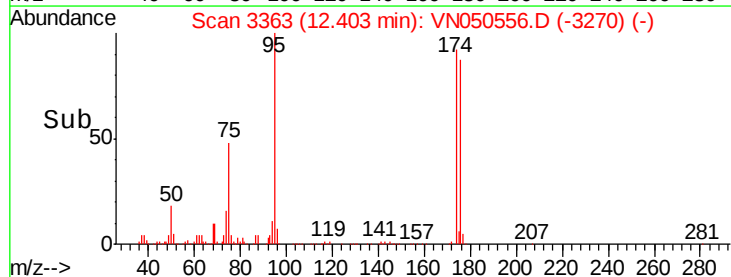
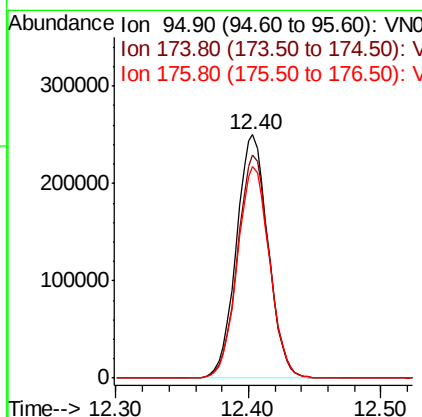
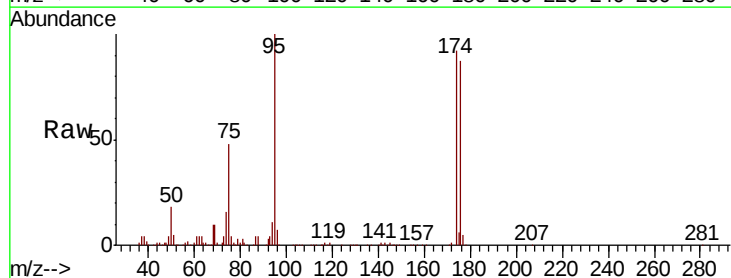
Instrument :
MSVOA_N
ClientSampleId :
EXCAVATION-SOIL

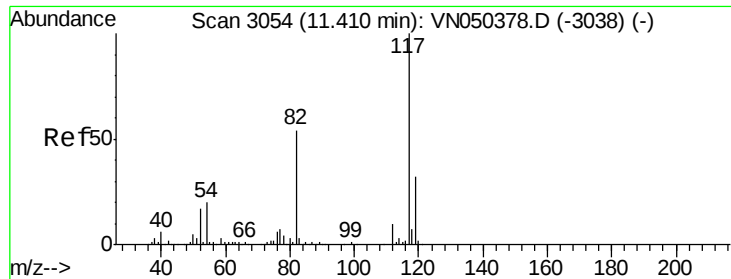
Tot Ion: 98 Resp: 1460738
Ion Ratio Lower Upper
98 100
100 63.9 50.7 76.1



#62
4-Bromofluorobenzene
Concen: 38.11 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050556.D
Acq: 11 Aug 2018 7:52

Tgt Ion: 95 Resp: 415143
Ion Ratio Lower Upper
95 100
174 92.0 0.0 178.2
176 88.2 0.0 173.4

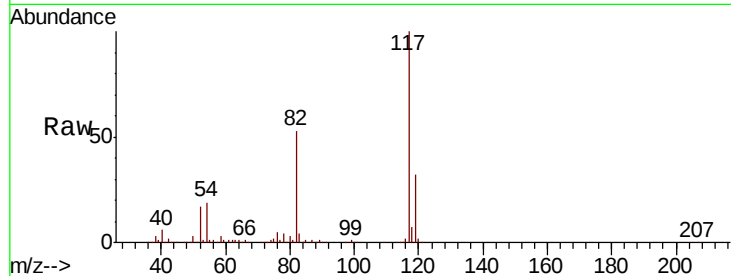




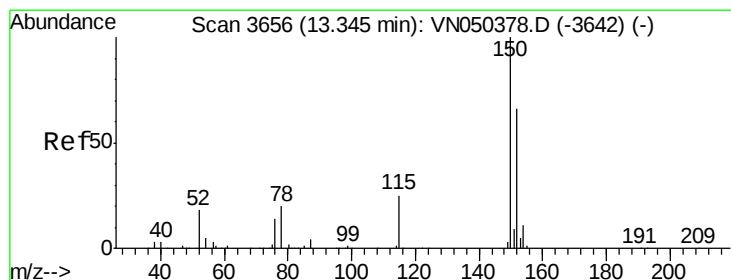
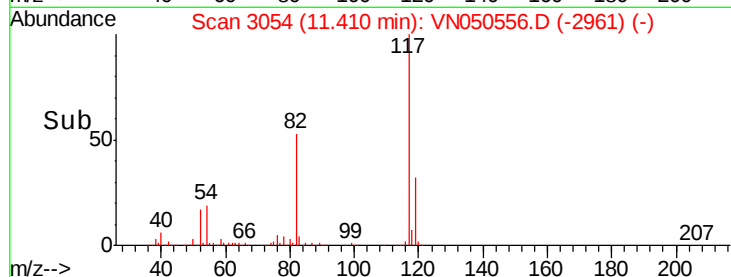
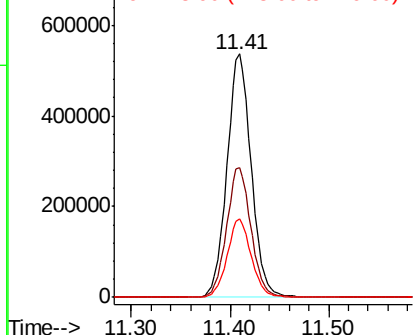
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050556.D
Acq: 11 Aug 2018 7:52

Instrument :
MSVOA_N
ClientSampleId :
EXCAVATION-SOIL

Tot Ion:117 Resp: 924504
Ion Ratio Lower Upper
117 100
82 53.2 43.7 65.5
119 32.4 26.1 39.1

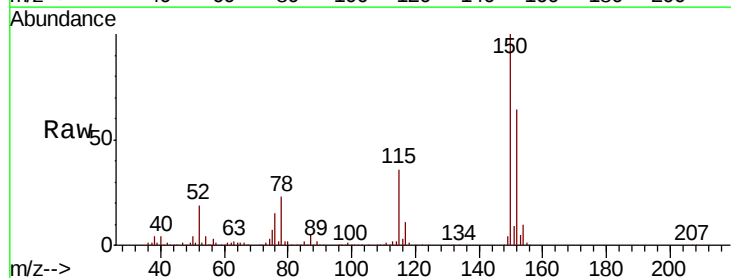


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

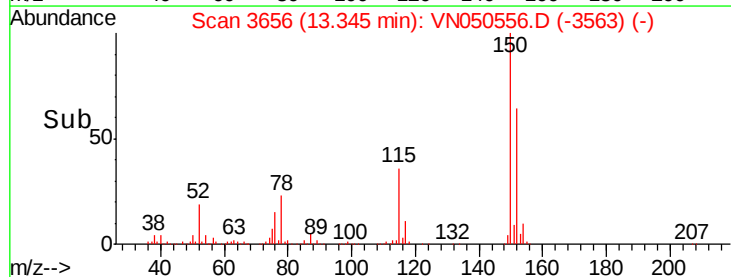
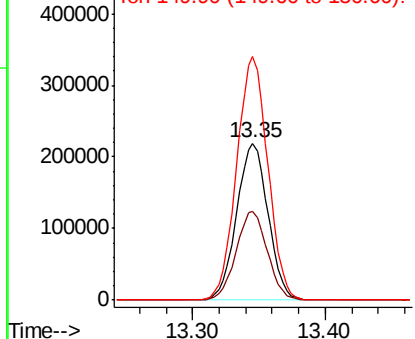


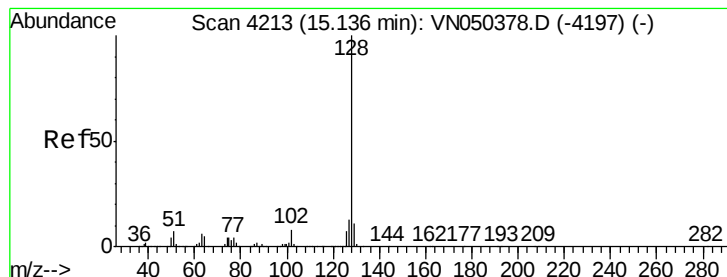
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050556.D
Acq: 11 Aug 2018 7:52

Tgt Ion:152 Resp: 358725
Ion Ratio Lower Upper
152 100
115 56.4 27.8 83.3
150 154.8 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

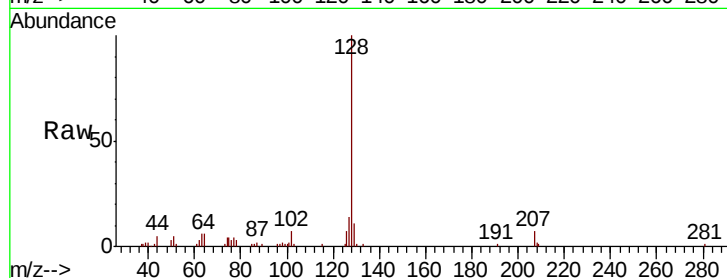




#95
 Naphthalene
 Concen: 6.52 ug/l
 RT: 15.14 min Scan# 4213
 Delta R.T. 0.00 min
 Lab File: VN050556.D
 Acq: 11 Aug 2018 7:52

Instrument :
 MSVOA_N
 ClientSampleId :
 EXCAVATION-SOIL

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.4	15.6
129	10.3	8.8	13.2



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

