

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100818\
 Data File : VN051739.D
 Acq On : 8 Oct 2018 16:38
 Operator : MD\SY
 Sample : J5270-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PHASE-3-SOIL

Quant Time: Oct 09 05:28:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N100418W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 05 02:22:33 2018
 Response via : Initial Calibration

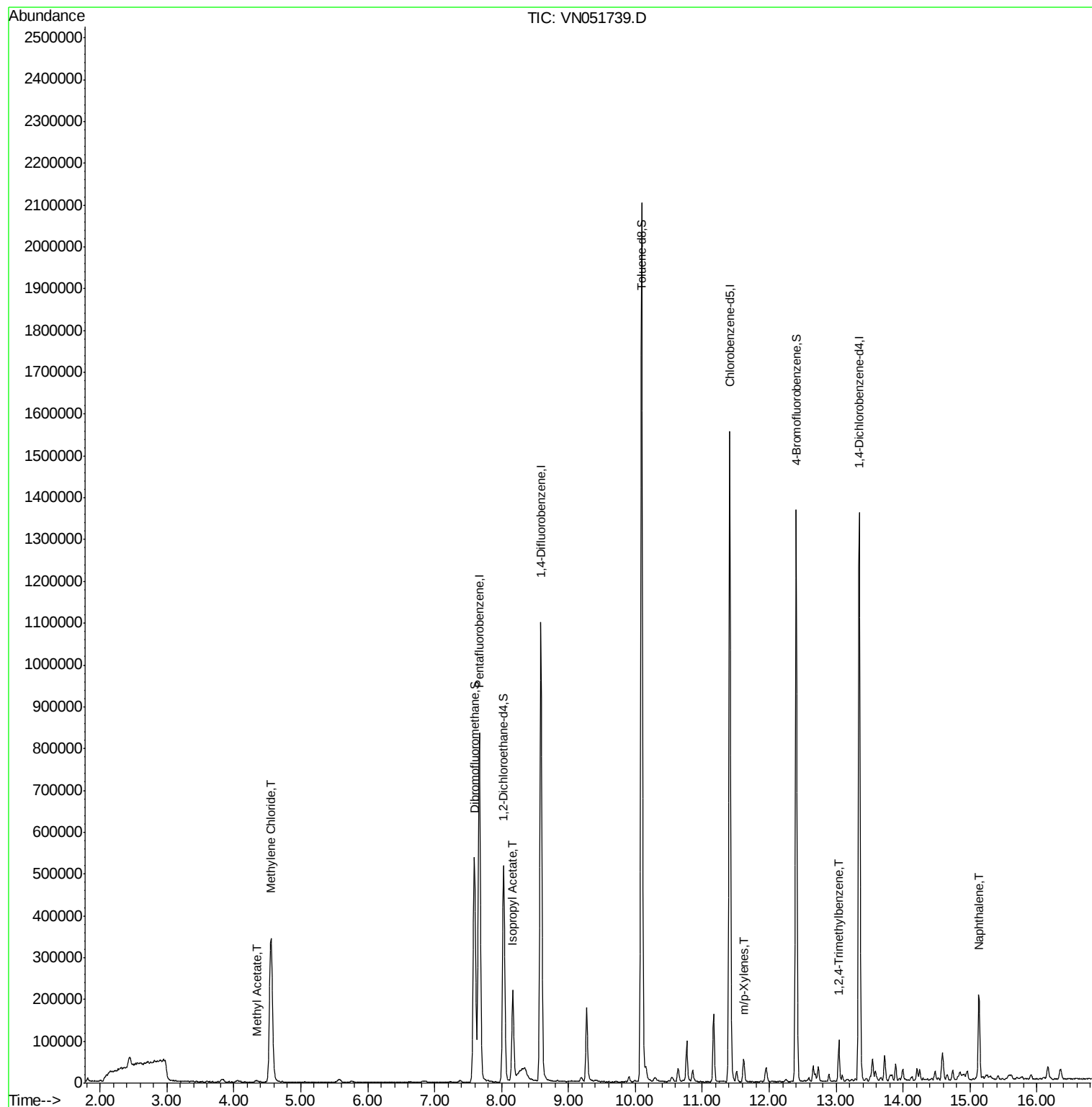
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	731670	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1055402	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	940426	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	388889	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	436335	45.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.28%	
35) Dibromofluoromethane	7.59	113	398281	48.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.62%	
50) Toluene-d8	10.09	98	1517505	49.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.70%	
62) 4-Bromofluorobenzene	12.40	95	436999	40.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.12%	
Target Compounds						
18) Methyl Acetate	4.34	43	6171	1.157	ug/l	96
20) Methylene Chloride	4.55	84	274180	34.478	ug/l	99
43) Isopropyl Acetate	8.17	43	260536	21.719	ug/l	98
68) m/p-Xylenes	11.62	106	17169	1.066	ug/l	89
84) 1,2,4-Trimethylbenzene	13.04	105	54754	1.957	ug/l	95
95) Naphthalene	15.14	128	179693	13.318	ug/l	99

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN051739.D

Acq: 8 Oct 2018 16:38

Instrument :

MSVOA_N

ClientSampleId :

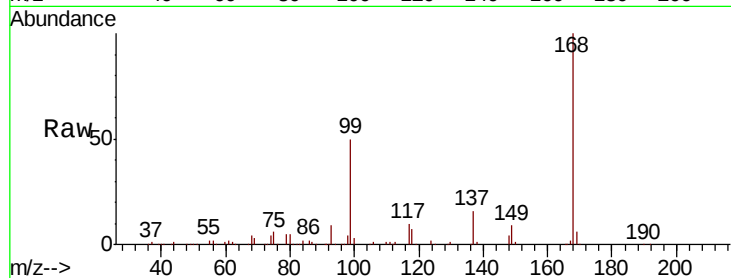
PHASE-3-SOIL

Tot Ion:168 Resp: 731670

Ion Ratio Lower Upper

168 100

99 49.6 40.4 60.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

300000

200000

100000

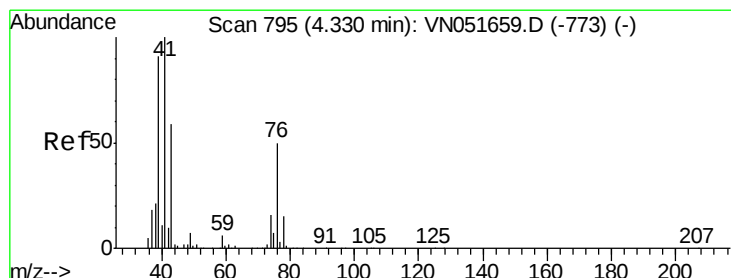
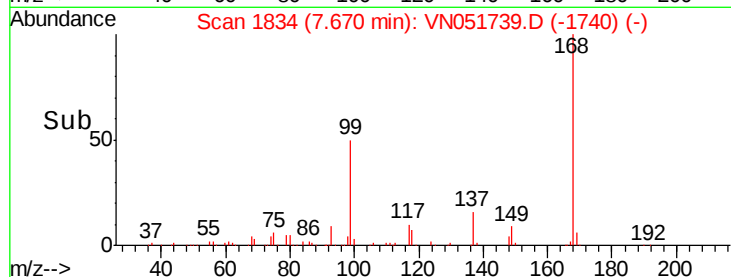
0

Time-->

7.60

7.70

7.80



#18

Methyl Acetate

Concen: 1.157 ug/l

RT: 4.34 min Scan# 798

Delta R.T. 0.01 min

Lab File: VN051739.D

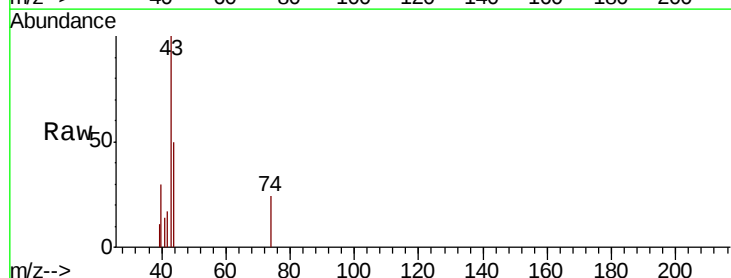
Acq: 8 Oct 2018 16:38

Tgt Ion: 43 Resp: 6171

Ion Ratio Lower Upper

43 100

74 24.8 21.5 32.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

4.34

2500

2000

1500

1000

500

0

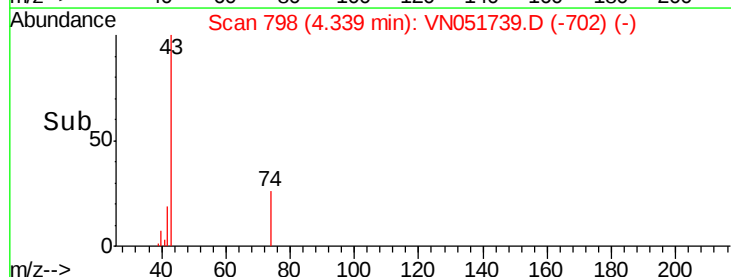
Time-->

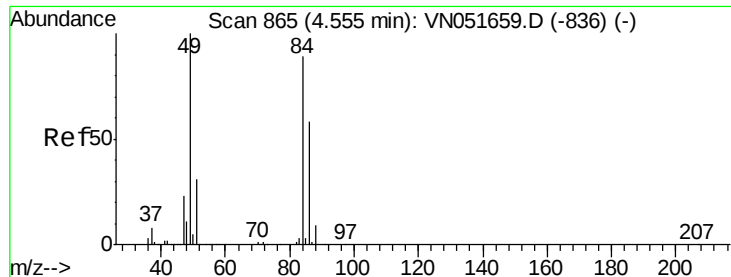
4.25

4.30

4.35

4.40

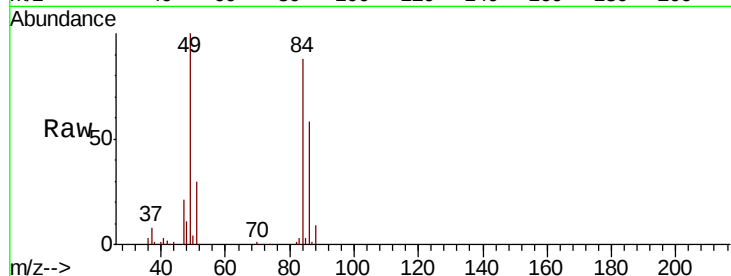




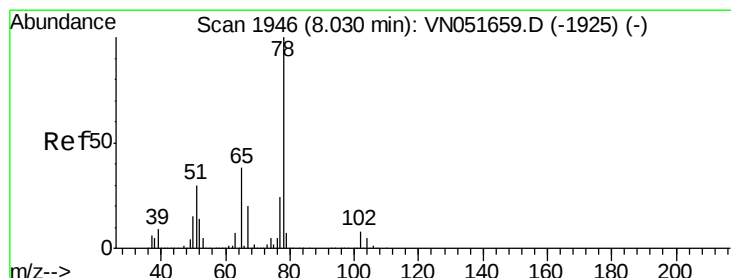
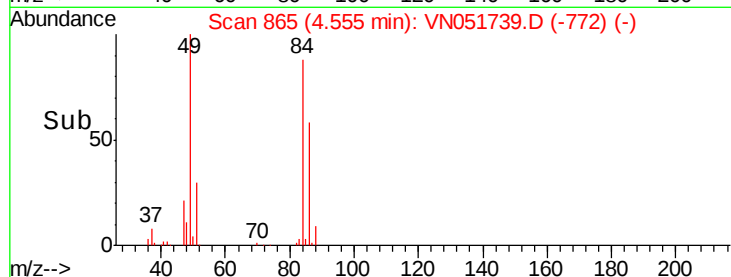
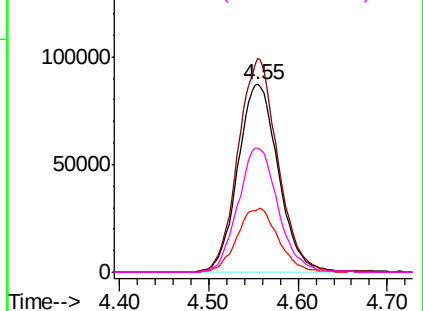
#20
Methvlene Chloride
Concen: 34.478 ug/l
RT: 4.55 min Scan# 865
Delta R.T. -0.00 min
Lab File: VN051739.D
Acq: 8 Oct 2018 16:38

Instrument :
MSVOA_N
ClientSampled :
PHASE-3-SOIL

Tot Ion:	84	Resp:	274180
Ion	Ratio	Lower	Upper
84	100		
49	113.8	89.5	134.3
51	33.6	27.4	41.0
86	65.9	51.9	77.9

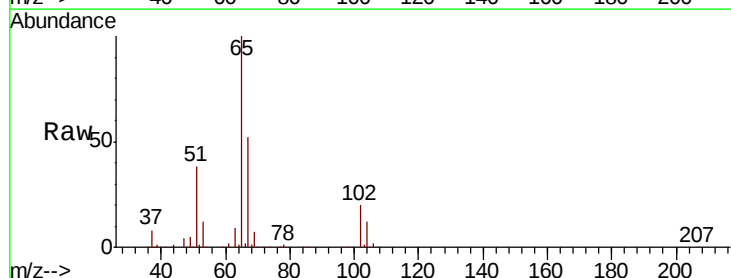


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

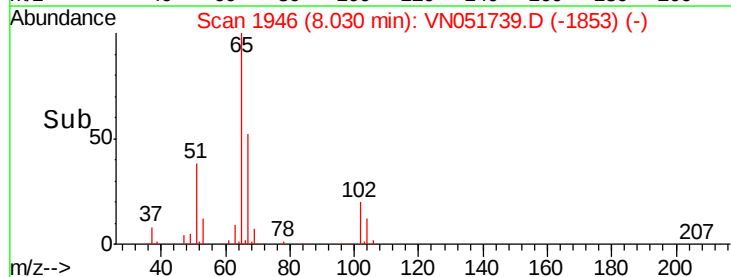
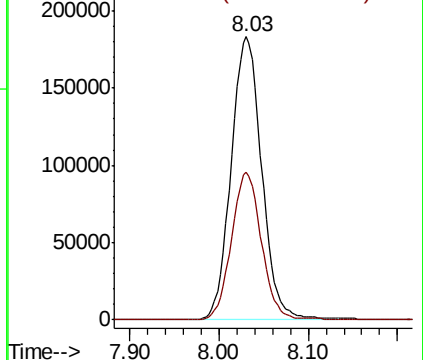


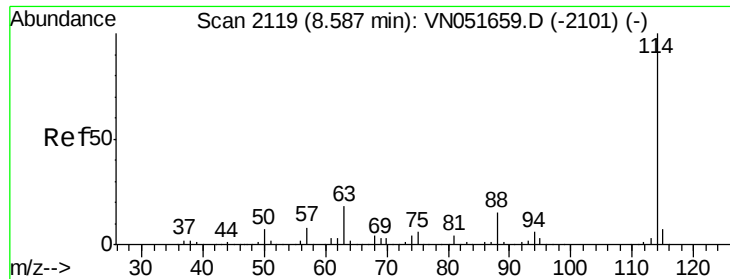
#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN051739.D
Acq: 8 Oct 2018 16:38

Tgt Ion:	65	Resp:	436335
Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	103.6



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

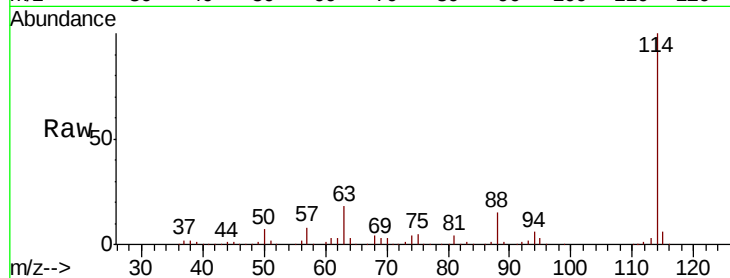




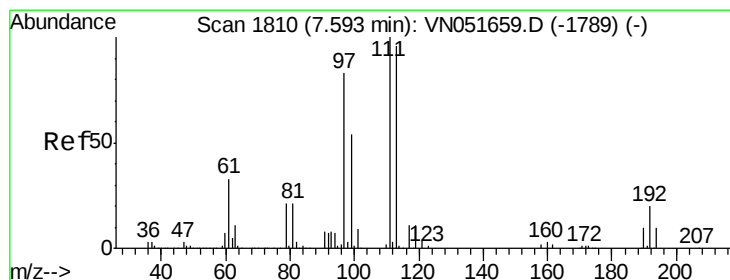
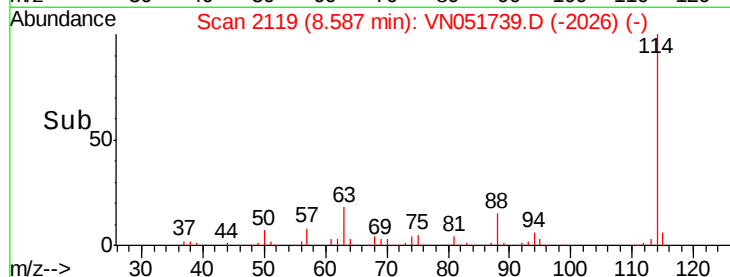
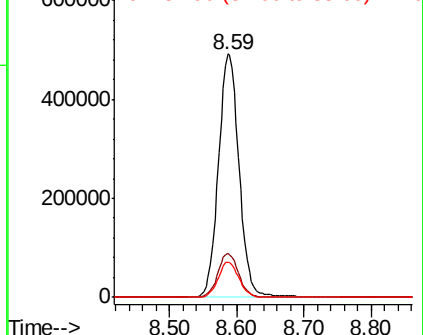
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN051739.D
Acq: 8 Oct 2018 16:38

Instrument :
MSVOA_N
ClientSampleId :
PHASE-3-SOIL

Tot Ion:114 Resp: 1055402
Ion Ratio Lower Upper
114 100
63 17.9 0.0 36.2
88 14.5 0.0 30.2

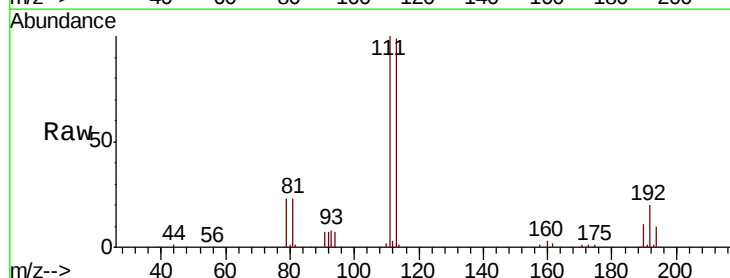


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

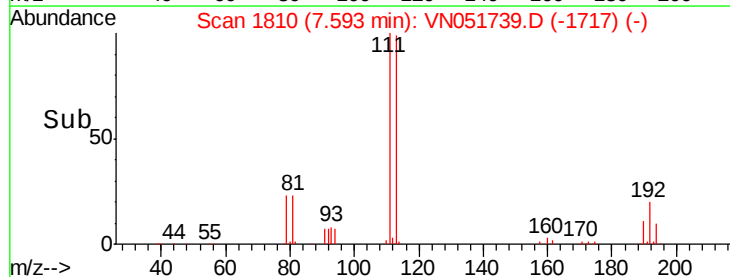
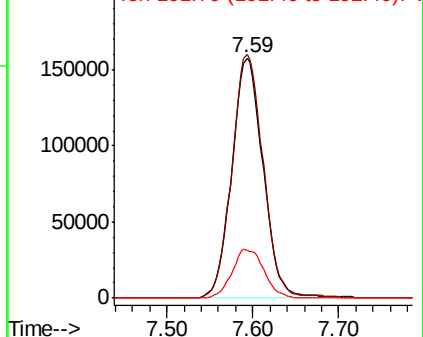


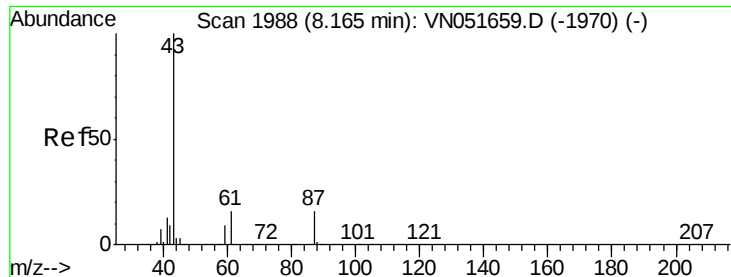
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN051739.D
Acq: 8 Oct 2018 16:38

Tgt Ion:113 Resp: 398281
Ion Ratio Lower Upper
113 100
111 102.1 81.8 122.8
192 21.0 16.5 24.7



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 21.719 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN051739.D

Acq: 8 Oct 2018 16:38

Instrument :

MSVOA_N

ClientSampleId :

PHASE-3-SOIL

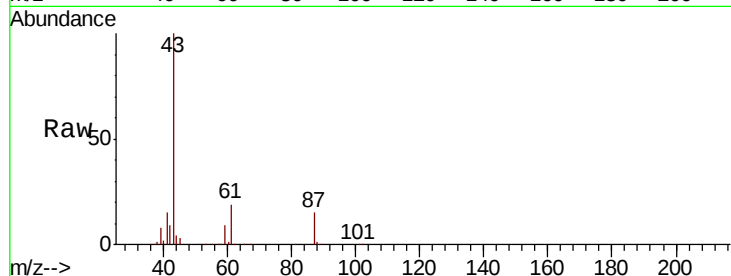
Tot Ion: 43 Resp: 260536

Ion Ratio Lower Upper

43 100

61 18.7 15.8 23.6

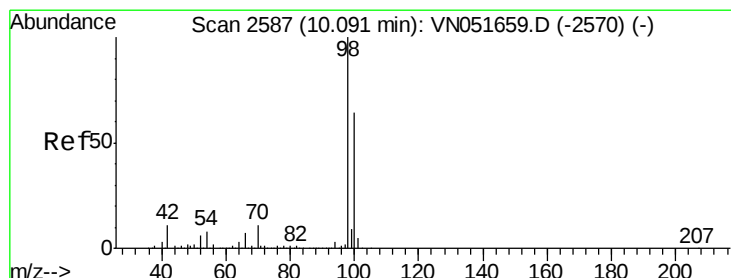
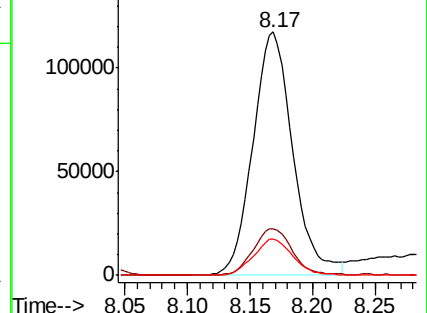
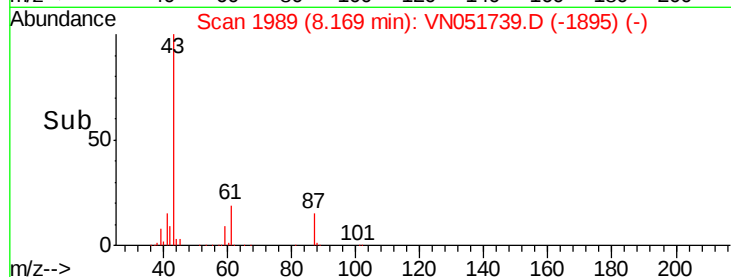
87 14.7 12.6 19.0



Abundance Ion 43.00 (42.70 to 43.70): VN051659.D (-1970) (-)

Ion 61.00 (60.70 to 61.70): VN051659.D (-1970) (-)

Ion 87.00 (86.70 to 87.70): VN051659.D (-1970) (-)



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN051739.D

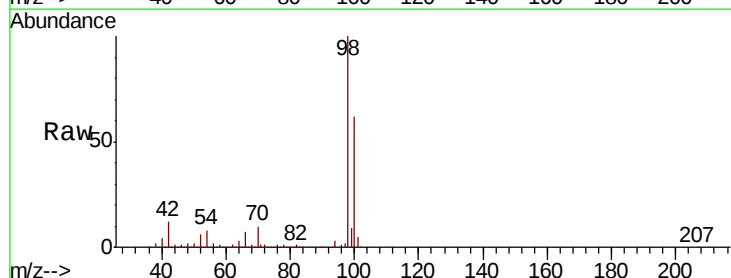
Acq: 8 Oct 2018 16:38

Tgt Ion: 98 Resp: 1517505

Ion Ratio Lower Upper

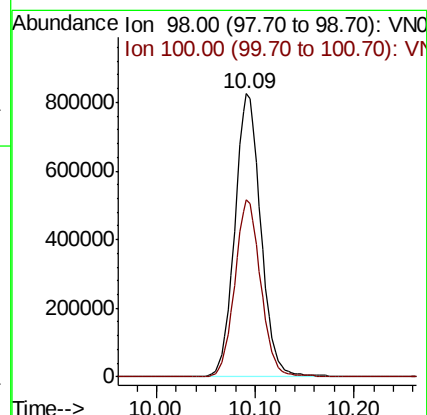
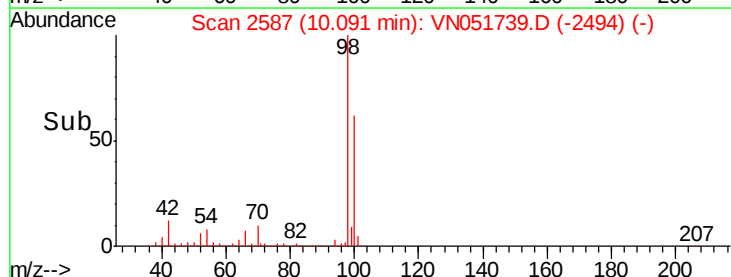
98 100

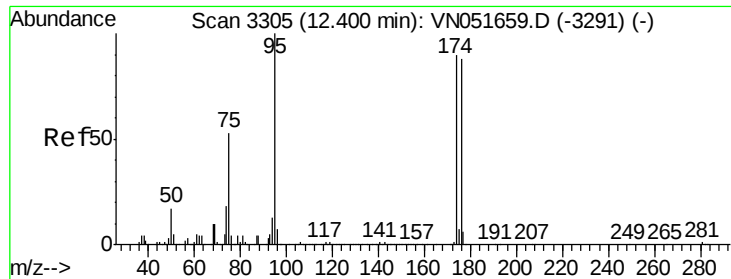
100 62.5 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN051659.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN051659.D (-2570) (-)





#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051739.D

Acq: 8 Oct 2018 16:38

Instrument :

MSVOA_N

ClientSampleId :

PHASE-3-SOIL

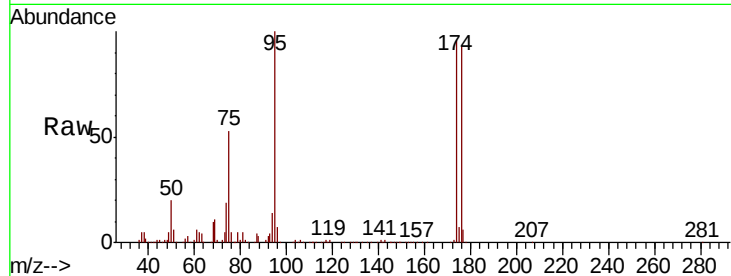
Tot Ion: 95 Resp: 436999

Ion Ratio Lower Upper

95 100

174 95.0 0.0 182.8

176 92.3 0.0 176.4



Abundance Ion 94.90 (94.60 to 95.60): VN051739.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN051739.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN051739.D (-3212) (-)

12.40

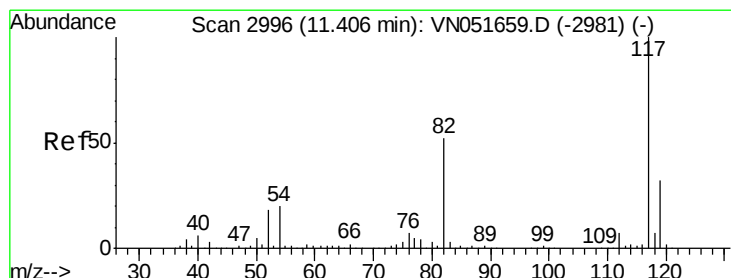
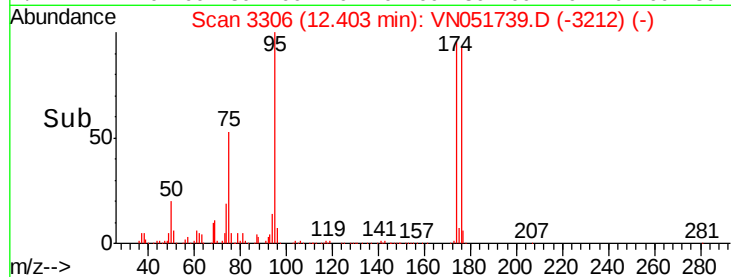
300000

200000

100000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN051739.D

Acq: 8 Oct 2018 16:38

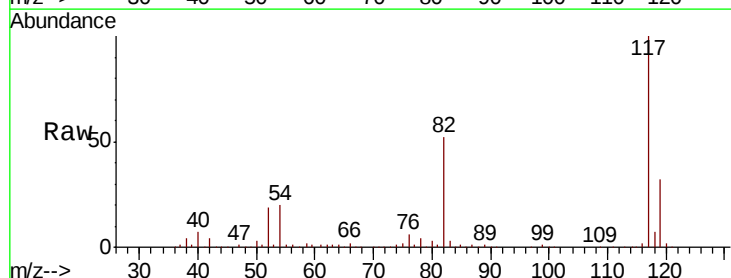
Tgt Ion: 117 Resp: 940426

Ion Ratio Lower Upper

117 100

82 51.6 41.3 61.9

119 32.3 25.9 38.9



Abundance Ion 116.90 (116.60 to 117.60): VN051739.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN051739.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN051739.D (-2903) (-)

11.41

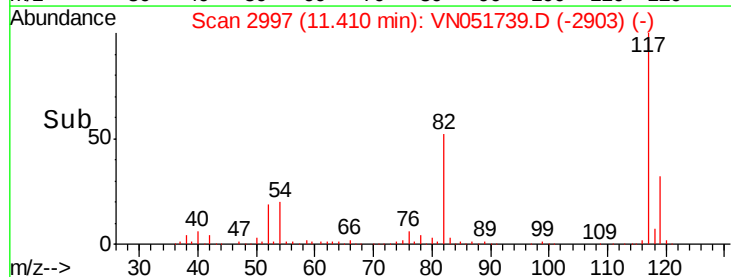
600000

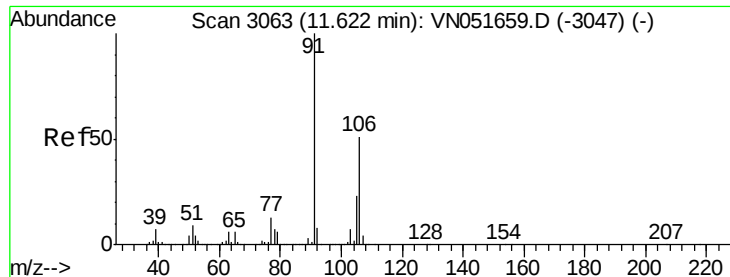
400000

200000

0

Time-->

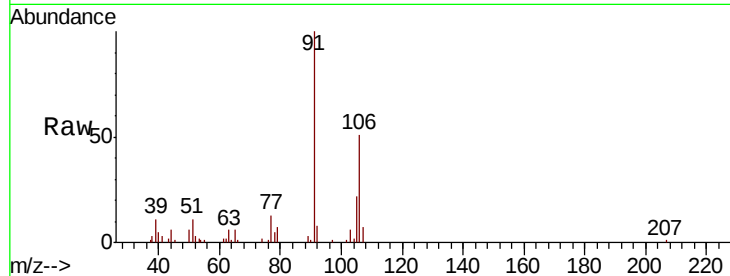




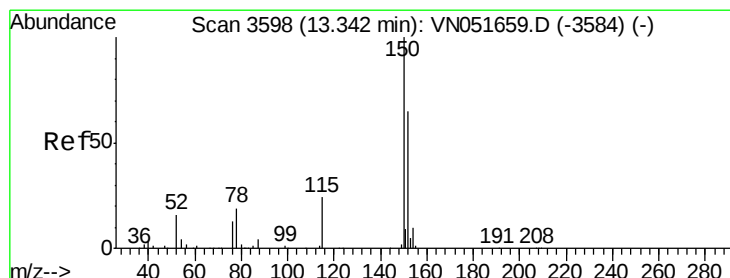
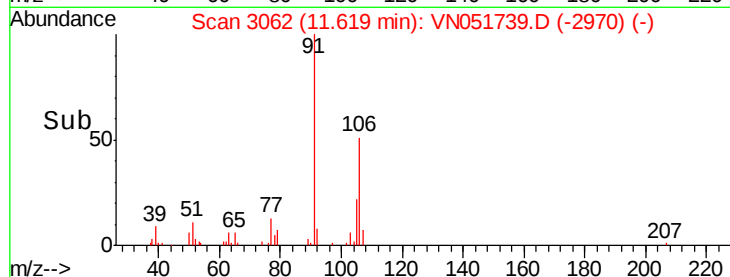
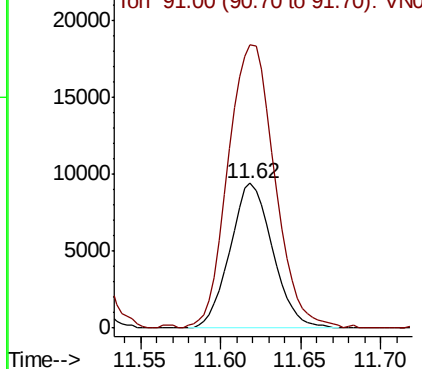
#68
m/p-Xvlenes
Concen: 1.066 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN051739.D
Acq: 8 Oct 2018 16:38

Instrument :
MSVOA_N
ClientSampled :
PHASE-3-SOIL

Tot Ion:106 Resp: 17169
Ion Ratio Lower Upper
106 100
91 213.9 158.4 237.6

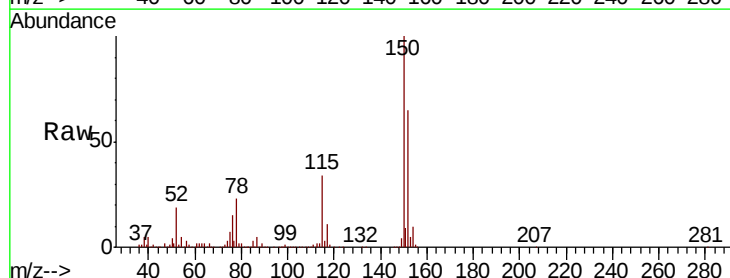


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

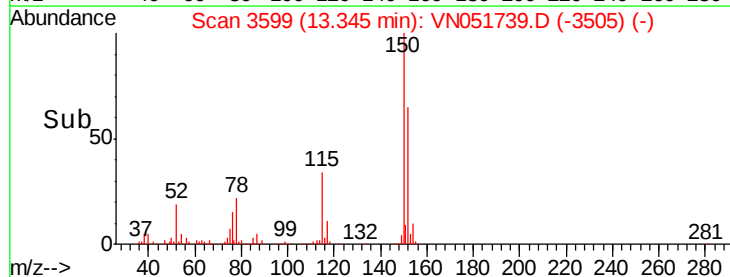
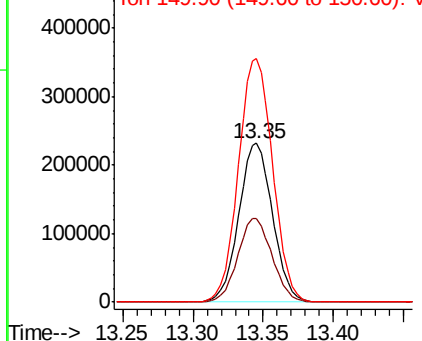


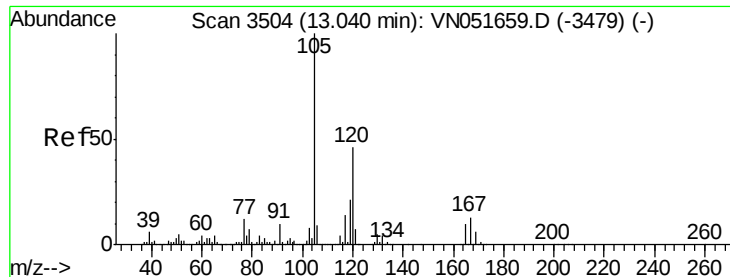
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051739.D
Acq: 8 Oct 2018 16:38

Tgt Ion:152 Resp: 388889
Ion Ratio Lower Upper
152 100
115 53.3 28.6 85.8
150 155.8 0.0 352.4



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





#84

1,2,4-Trimethylbenzene

Concen: 1.957 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN051739.D

Acq: 8 Oct 2018 16:38

Instrument :

MSVOA_N

ClientSampleId :

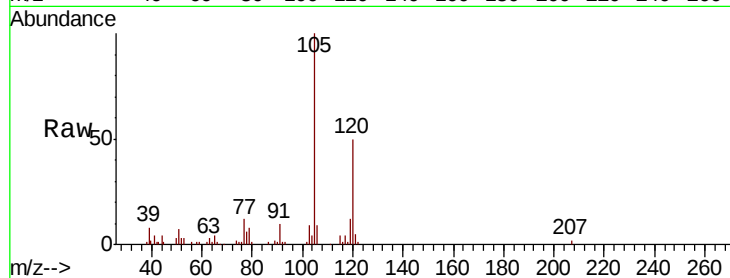
PHASE-3-SOIL

Tot Ion:105 Resp: 54754

Ion Ratio Lower Upper

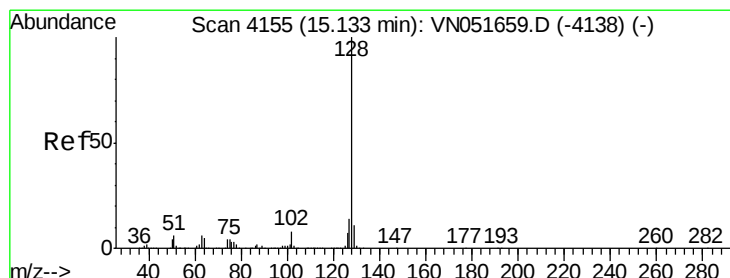
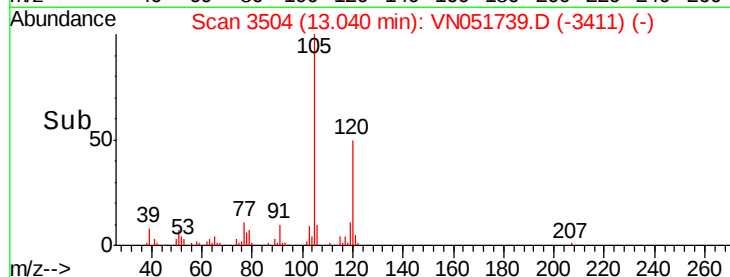
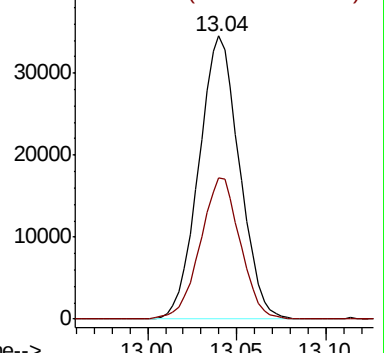
105 100

120 49.2 22.9 68.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#95

Naphthalene

Concen: 13.318 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN051739.D

Acq: 8 Oct 2018 16:38

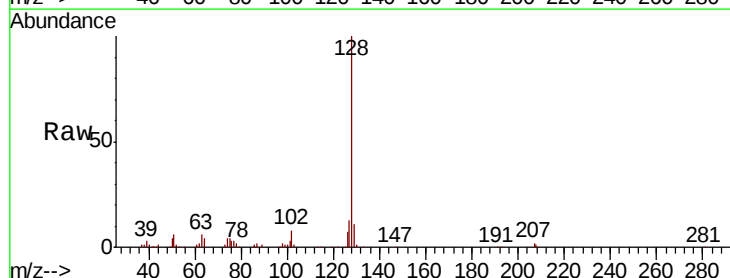
Tgt Ion:128 Resp: 179693

Ion Ratio Lower Upper

128 100

127 13.0 10.6 15.8

129 10.9 9.0 13.6



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

