

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF122418\
 Data File : VF061164.D
 Acq On : 24 Dec 2018 14:43
 Operator : VA/AP
 Sample : J6461-01
 Misc : 5.06g/5mL/MSVOA-F/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 NCC-KEARNY-TOPSOIL

Quant Time: Dec 25 00:28:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 00:56:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	207291	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.60	114	367306	50.00	ug/l	0.01
63) Chlorobenzene-d5	9.78	117	305070	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.56	152	130750	50.00	ug/l	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.85	65	143476	53.81	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	107.62%	
35) Dibromofluoromethane	4.12	113	146032	49.63	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.26%	
50) Toluene-d8	7.56	98	338790	40.63	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	81.26%	
62) 4-Bromofluorobenzene	11.41	95	142332	37.03	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	74.06%	

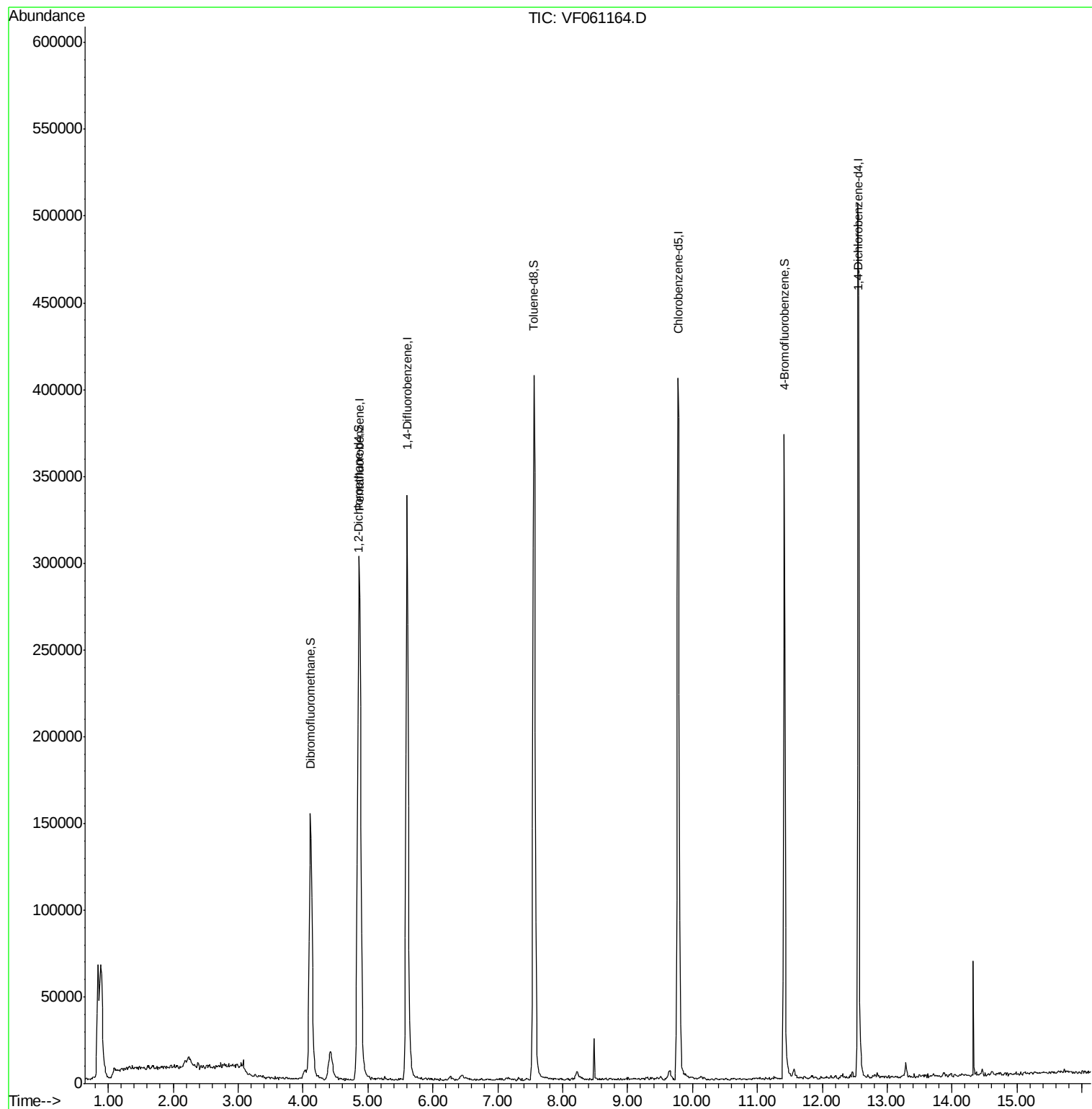
Target Compounds	Qvalue

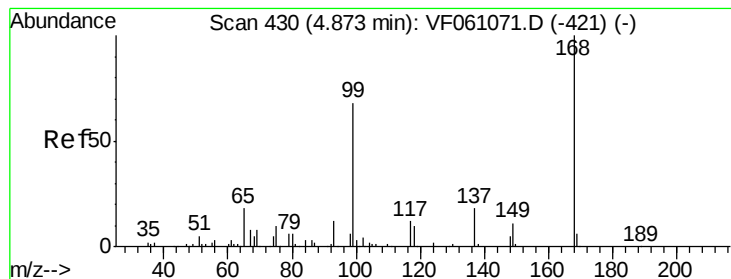
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Dec 20 00:56:59 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.87 min Scan# 430

Delta R.T. 0.00 min

Lab File: VF061164.D

Acq: 24 Dec 2018 14:43

Instrument :

MSVOA_F

ClientSampleId :

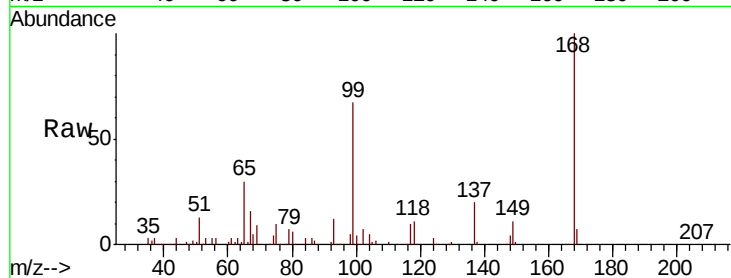
NCC-KEARNY-TOPSOIL

Tot Ion:168 Resp: 207291

Ion Ratio Lower Upper

168 100

99 66.6 54.4 81.6



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.87

60000

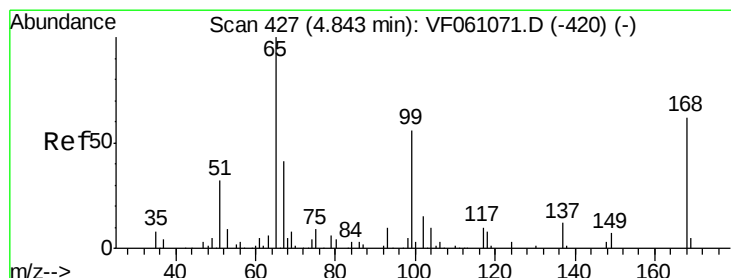
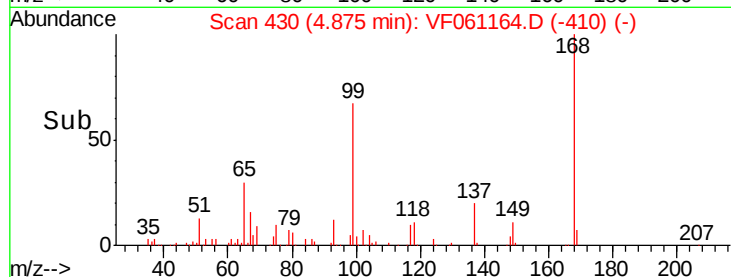
40000

20000

0

Time-->

4.70 4.80 4.90 5.00 5.10



#33

1,2-Dichloroethane-d4

Concen: 53.815 ug/l

RT: 4.85 min Scan# 427

Delta R.T. 0.00 min

Lab File: VF061164.D

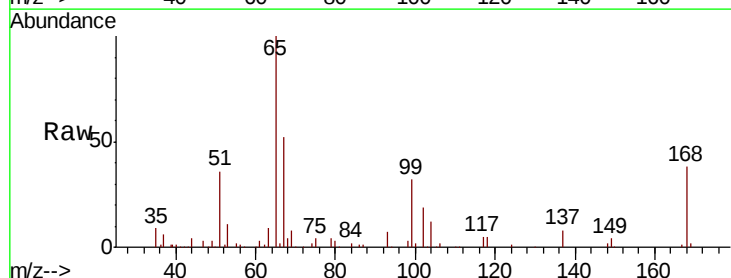
Acq: 24 Dec 2018 14:43

Tgt Ion: 65 Resp: 143476

Ion Ratio Lower Upper

65 100

67 52.1 0.0 94.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.85

50000

40000

30000

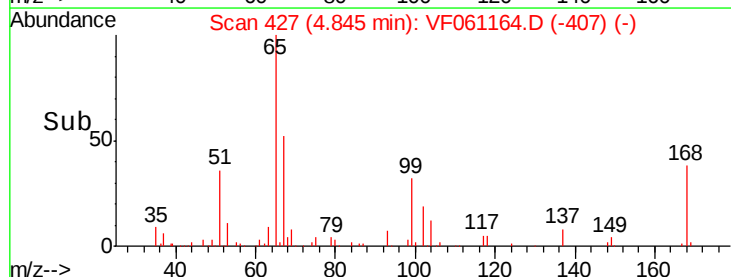
20000

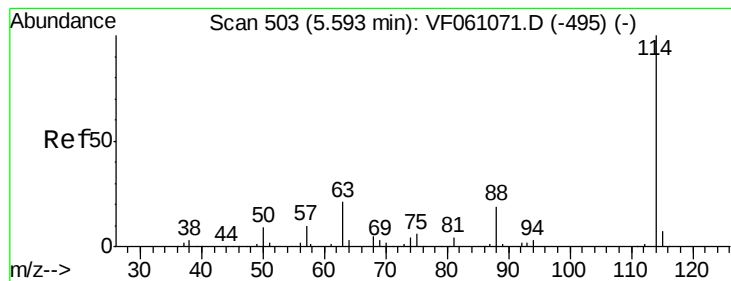
10000

0

Time-->

4.70 4.80 4.90 5.00





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.60 min Scan# 504

Delta R.T. 0.01 min

Lab File: VF061164.D

Acq: 24 Dec 2018 14:43

Instrument :

MSVOA_F

ClientSampleId :

NCC-KEARNY-TOPSOIL

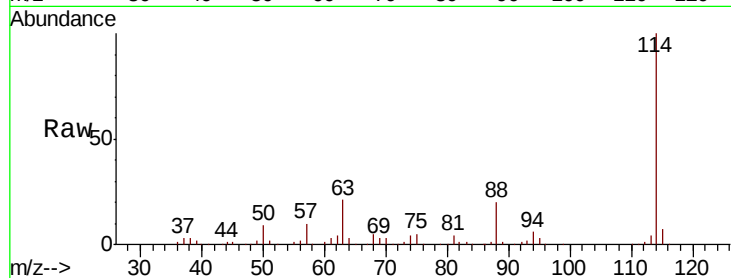
Tot Ion:114 Resp: 367306

Ion Ratio Lower Upper

114 100

63 20.8 0.0 41.6

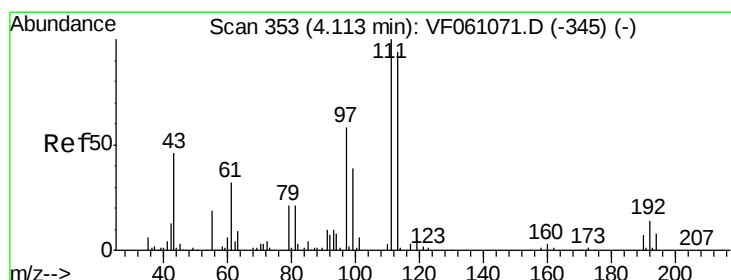
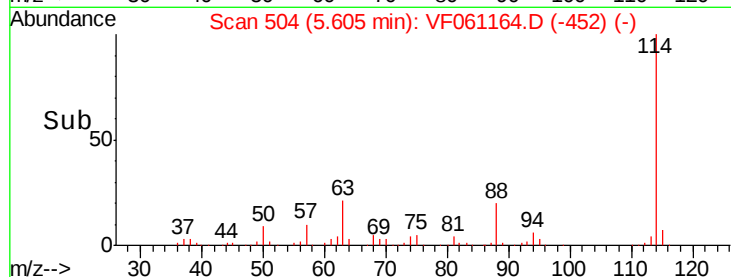
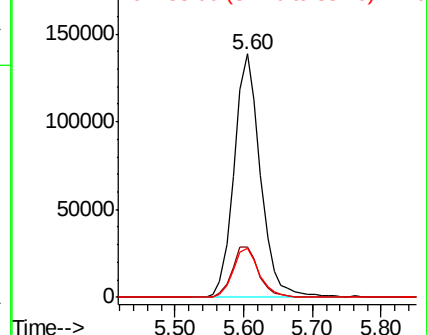
88 20.0 0.0 38.0



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0



#35

Dibromofluoromethane

Concen: 49.631 ug/l

RT: 4.12 min Scan# 353

Delta R.T. 0.00 min

Lab File: VF061164.D

Acq: 24 Dec 2018 14:43

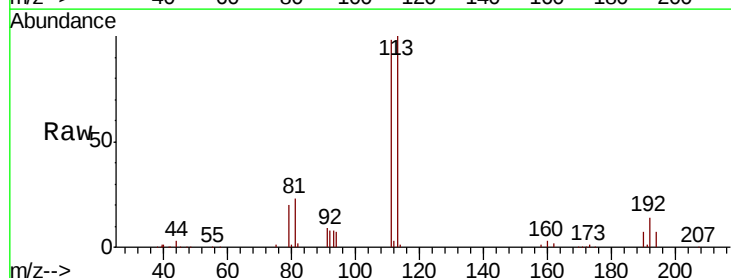
Tgt Ion:113 Resp: 146032

Ion Ratio Lower Upper

113 100

111 97.7 85.2 127.8

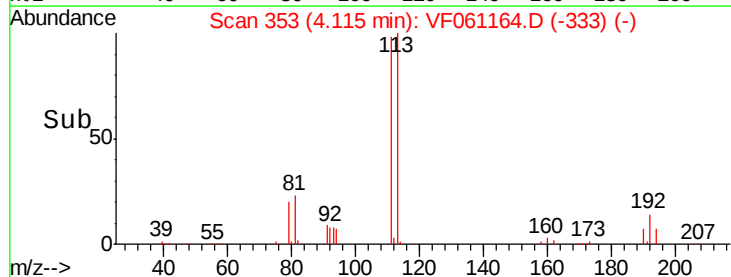
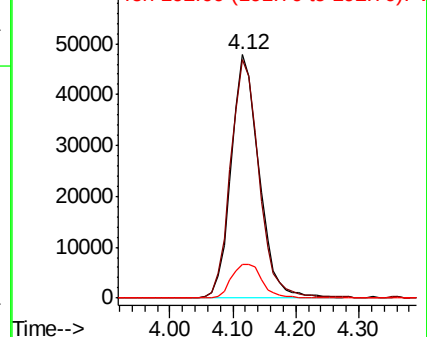
192 13.6 12.8 19.2

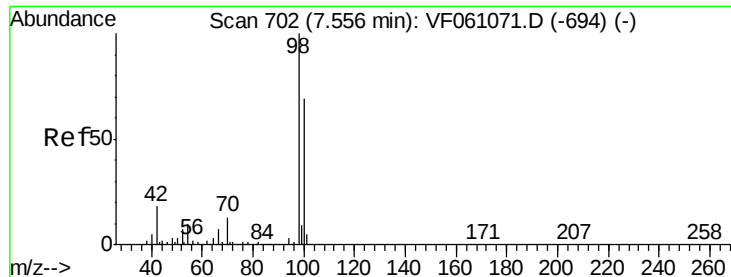


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 40.631 ug/l

RT: 7.56 min Scan# 702

Delta R.T. 0.00 min

Lab File: VF061164.D

Acq: 24 Dec 2018 14:43

Instrument :

MSVOA_F

ClientSampleId :

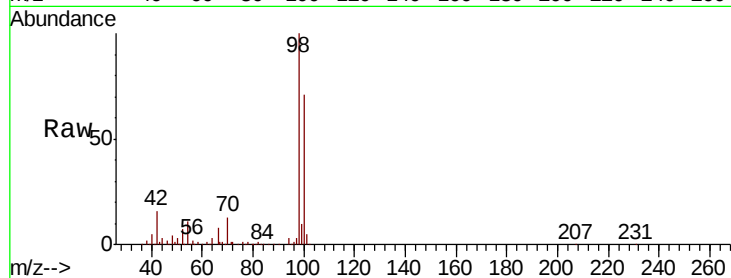
NCC-KEARNY-TOPSOIL

Tot Ion: 98 Resp: 338790

Ion Ratio Lower Upper

98 100

100 71.4 55.3 82.9



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

150000

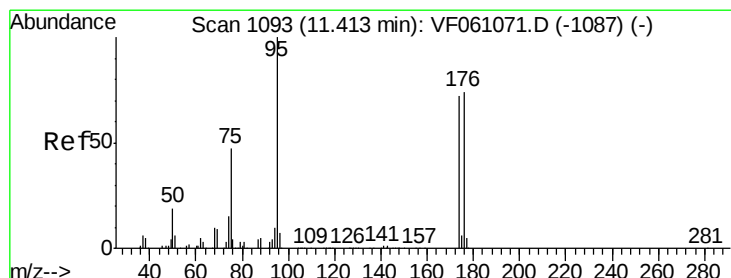
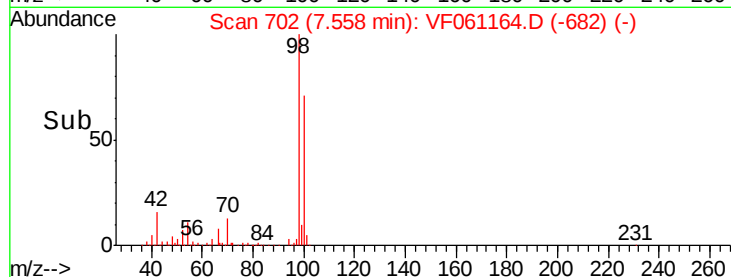
7.56

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 37.027 ug/l

RT: 11.41 min Scan# 1093

Delta R.T. 0.00 min

Lab File: VF061164.D

Acq: 24 Dec 2018 14:43

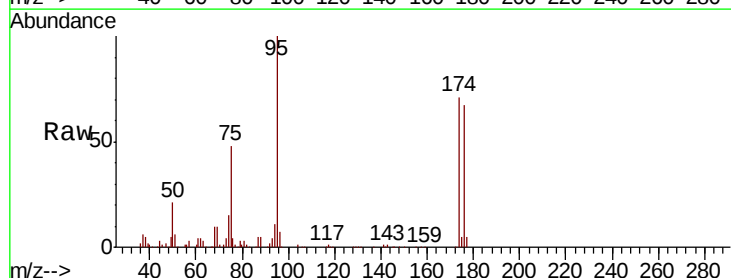
Tgt Ion: 95 Resp: 142332

Ion Ratio Lower Upper

95 100

174 71.3 0.0 143.8

176 66.7 0.0 147.6



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

100000

80000

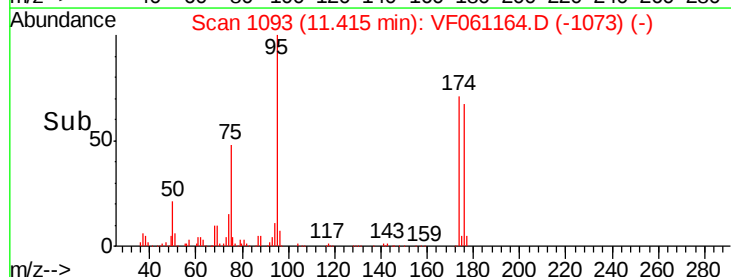
60000

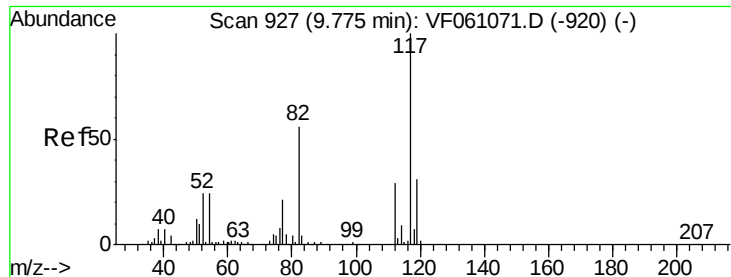
40000

20000

0

Time-->

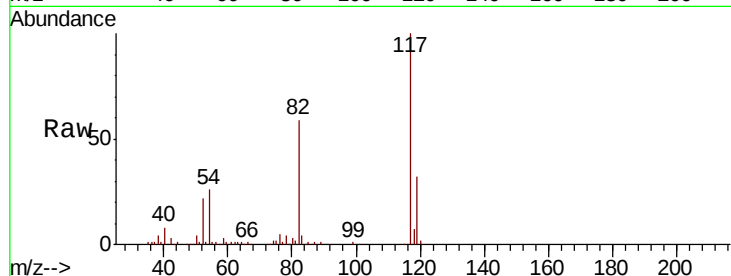




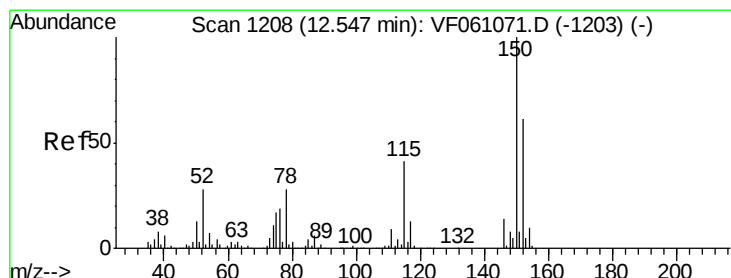
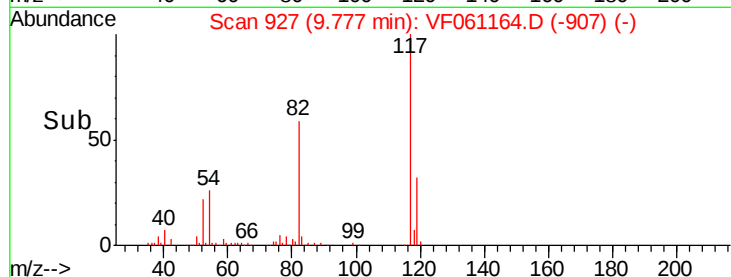
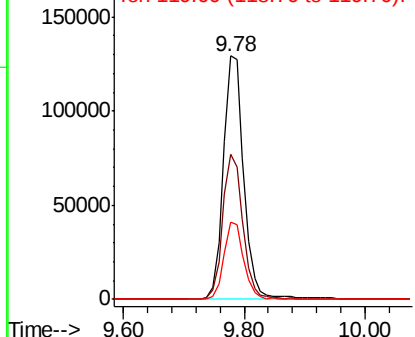
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 927
Delta R.T. 0.00 min
Lab File: VF061164.D
Acq: 24 Dec 2018 14:43

Instrument :
MSVOA_F
ClientSampleId :
NCC-KEARNY-TOPSOIL

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.3	45.0	67.4
119	31.6	24.8	37.2

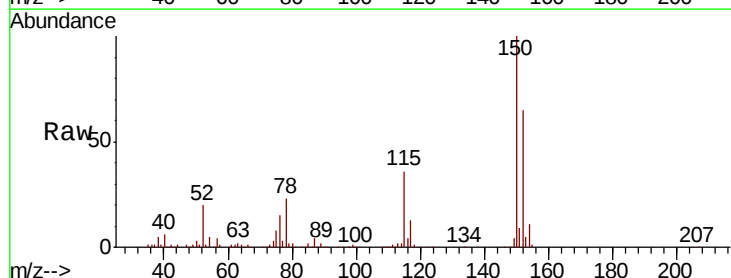


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.56 min Scan# 1209
Delta R.T. 0.01 min
Lab File: VF061164.D
Acq: 24 Dec 2018 14:43

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.4	33.3	99.9
150	152.8	0.0	328.2



Abundance Ion 152.00 (151.70 to 152.70): V
Ion 115.00 (114.70 to 115.70): V
Ion 150.00 (149.70 to 150.70): V

