

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040119\
 Data File : VN054881.D
 Acq On : 1 Apr 2019 18:08
 Operator : JC/SP
 Sample : K2186-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-TRACK-89-90-SOIL

Quant Time: Apr 02 06:45:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 00:48:18 2019
 Response via : Initial Calibration

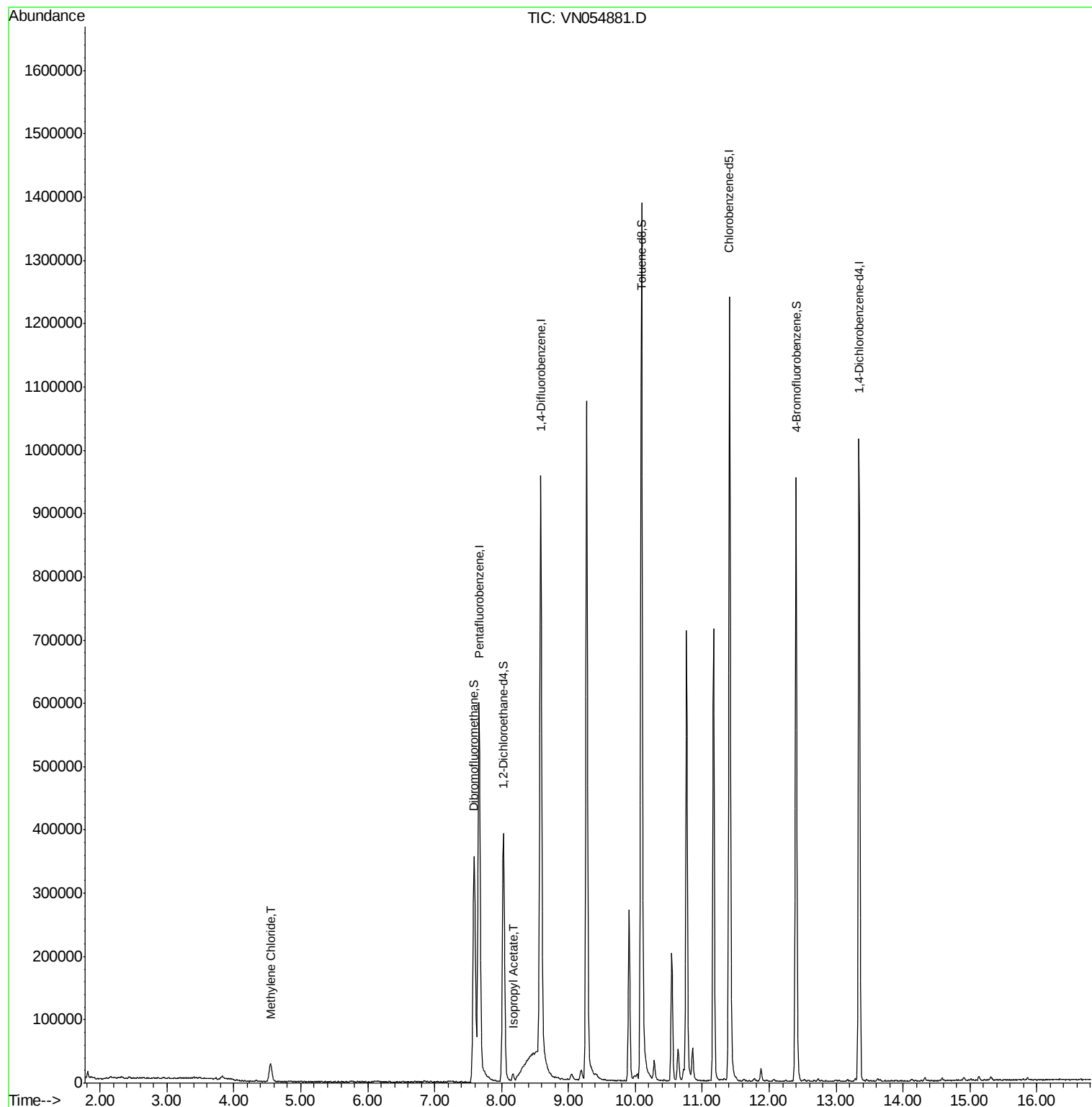
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	501982	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	850383	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	740921	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	270035	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	337288	49.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.68%	
35) Dibromofluoromethane	7.59	113	271031	47.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.62%	
50) Toluene-d8	10.09	98	1030428	48.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.78%	
62) 4-Bromofluorobenzene	12.40	95	325312	46.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.82%	
Target Compounds						
20) Methylene Chloride	4.55	84	19783	3.476	ug/l #	84
43) Isopropyl Acetate	8.17	43	13843	1.466	ug/l #	94

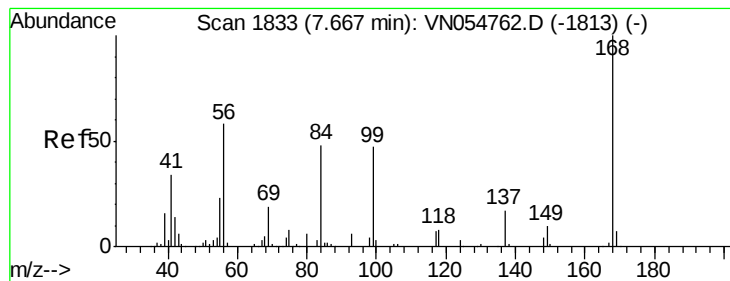
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Mar 30 00:48:18 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN054881.D

Acq: 1 Apr 2019 18:08

Instrument :

MSVOA_N

ClientSampleId :

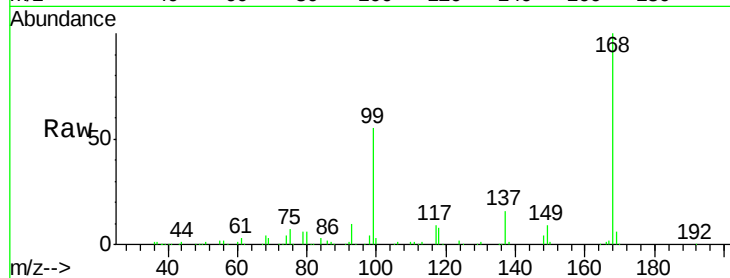
TP-TRACK-89-90-SOIL

Tot Ion:168 Resp: 501982

Ion Ratio Lower Upper

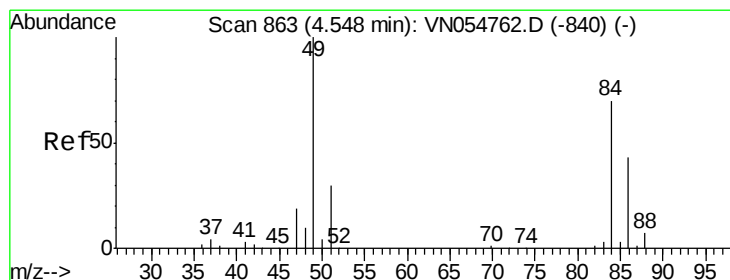
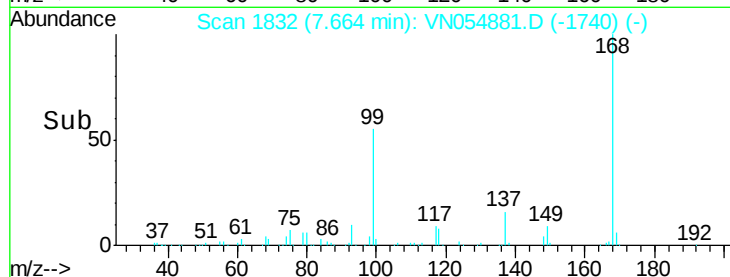
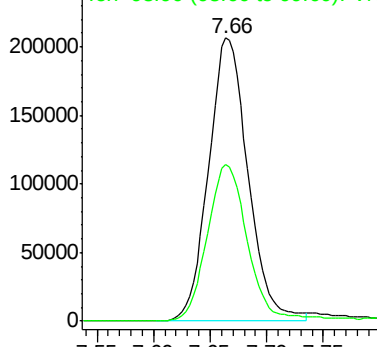
168 100

99 55.3 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#20

Methylene Chloride

Concen: 3.476 ug/l

RT: 4.55 min Scan# 862

Delta R.T. -0.00 min

Lab File: VN054881.D

Acq: 1 Apr 2019 18:08

Tgt Ion: 84 Resp: 19783

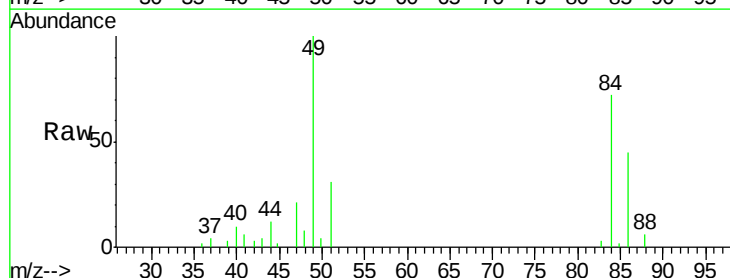
Ion Ratio Lower Upper

84 100

49 139.6 89.7 134.5#

51 43.7 28.2 42.4#

86 62.8 50.8 76.2

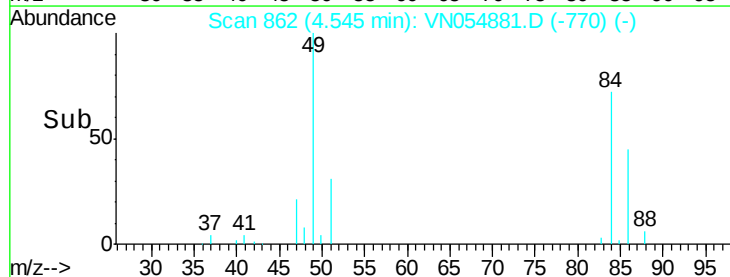
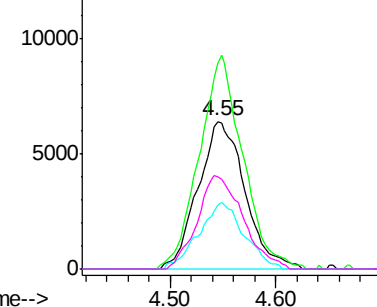


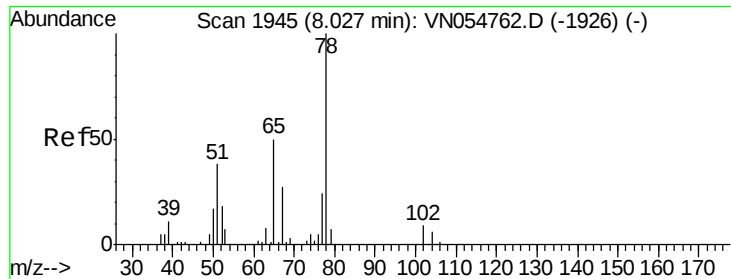
Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO





#33

1,2-Dichloroethane-d4

Concen: 49.844 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN054881.D

Acq: 1 Apr 2019 18:08

Instrument :

MSVOA_N

ClientSampleId :

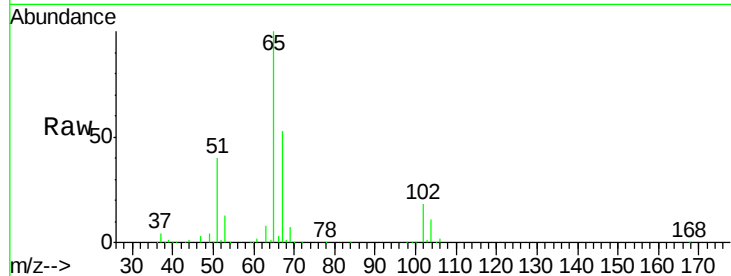
TP-TRACK-89-90-SOIL

Tot Ion: 65 Resp: 337288

Ion Ratio Lower Upper

65 100

67 52.6 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN054881.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN054881.D (-1852) (-)

8.03

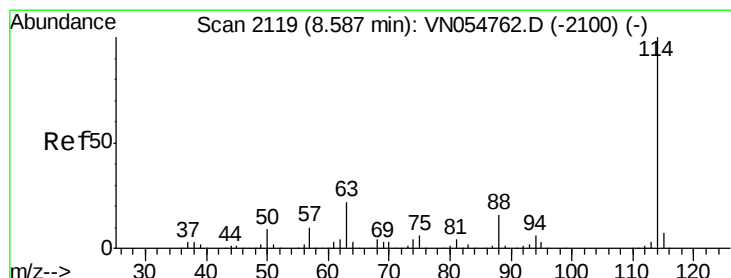
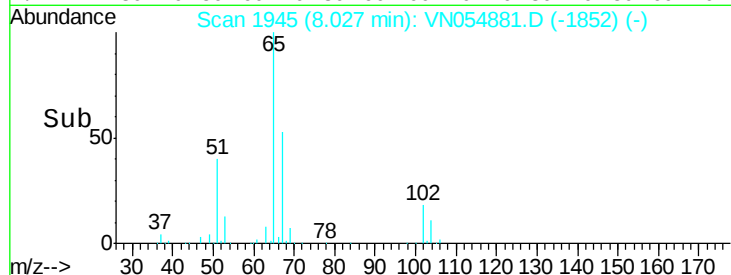
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN054881.D

Acq: 1 Apr 2019 18:08

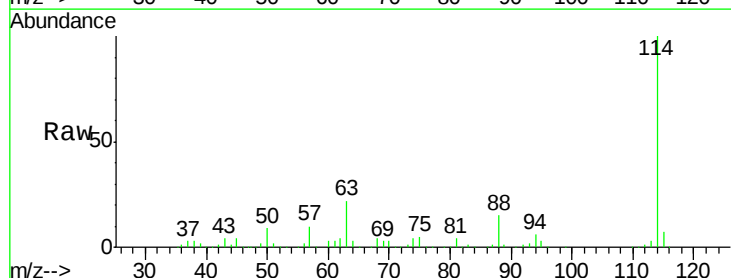
Tgt Ion: 114 Resp: 850383

Ion Ratio Lower Upper

114 100

63 22.4 0.0 35.2

88 15.5 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): VN054881.D (-2026) (-)

Ion 63.00 (62.70 to 63.70): VN054881.D (-2026) (-)

Ion 87.90 (87.60 to 88.60): VN054881.D (-2026) (-)

8.59

500000

400000

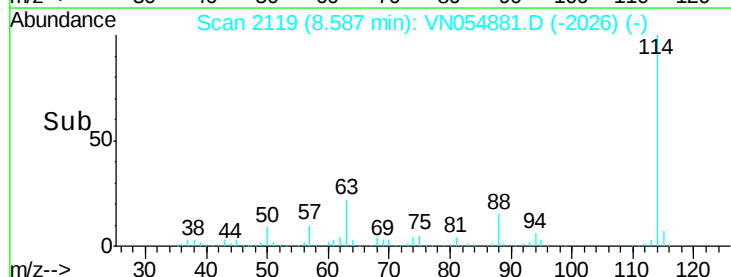
300000

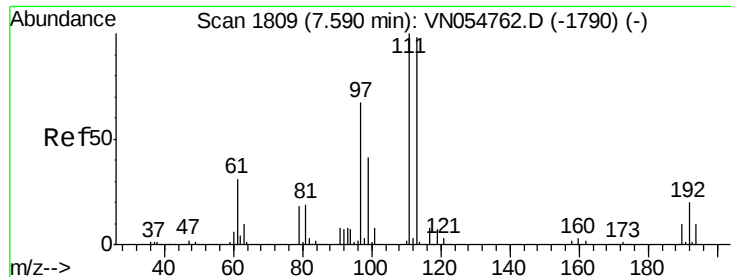
200000

100000

0

Time-->

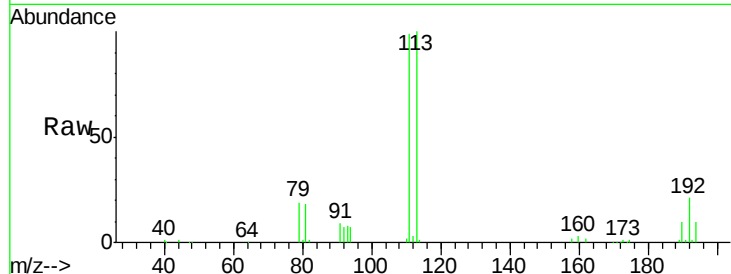




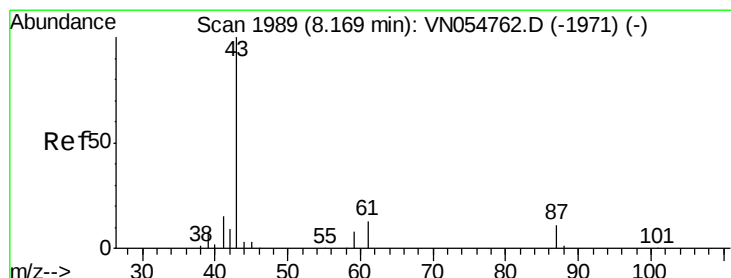
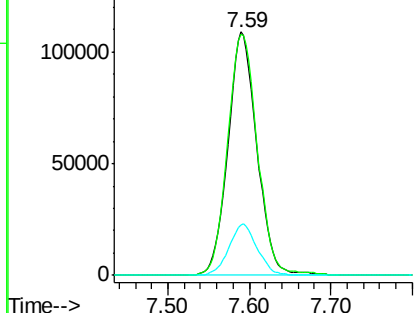
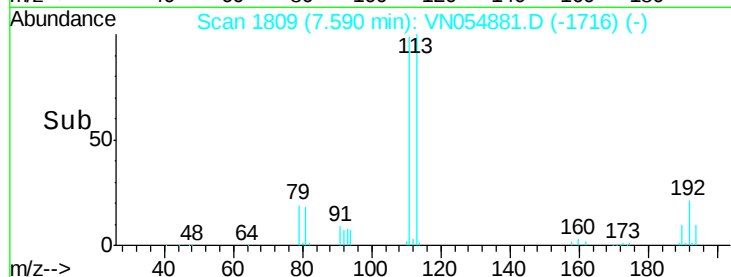
#35
 Dibromofluoromethane
 Concen: 47.806 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN054881.D
 Acq: 1 Apr 2019 18:08

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-TRACK-89-90-SOIL

Tot Ion:113 Resp: 271031
 Ion Ratio Lower Upper
 113 100
 111 101.7 82.2 123.4
 192 20.6 19.2 28.8

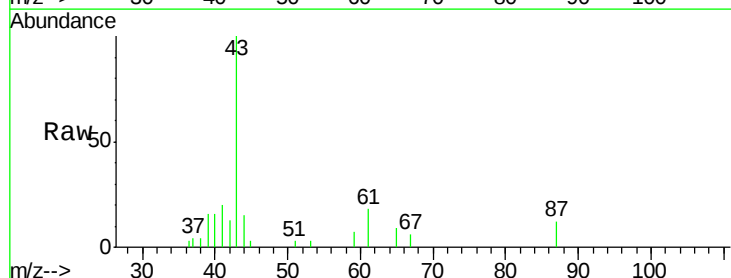


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

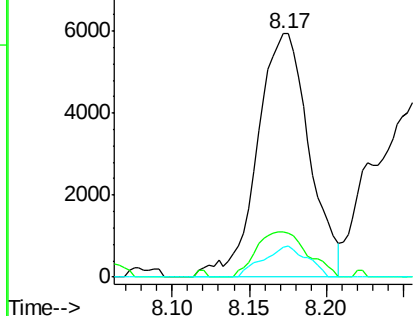
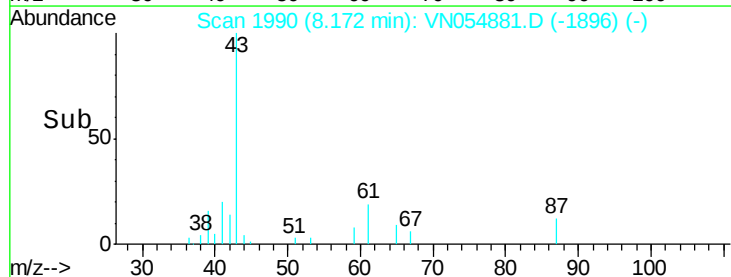


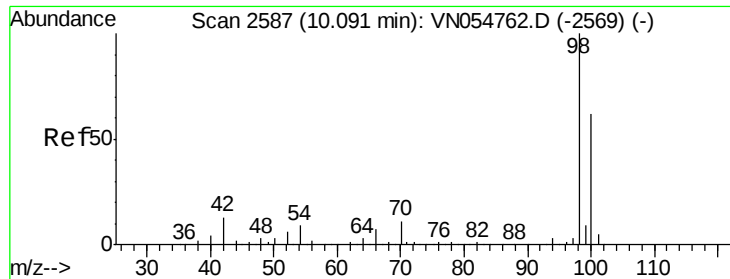
#43
 Isopropyl Acetate
 Concen: 1.466 ug/l
 RT: 8.17 min Scan# 1990
 Delta R.T. 0.00 min
 Lab File: VN054881.D
 Acq: 1 Apr 2019 18:08

Tgt Ion: 43 Resp: 13843
 Ion Ratio Lower Upper
 43 100
 61 18.4 15.8 23.8
 87 10.8 12.0 18.0#



Abundance Ion 43.00 (42.70 to 43.70): VNO
 Ion 61.00 (60.70 to 61.70): VNO
 Ion 87.00 (86.70 to 87.70): VNO





#50

Toluene-d8

Concen: 48.887 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054881.D

Acq: 1 Apr 2019 18:08

Instrument :

MSVOA_N

ClientSampleId :

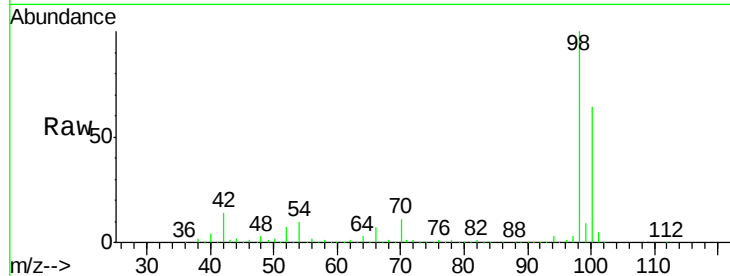
TP-TRACK-89-90-SOIL

Tot Ion: 98 Resp: 1030428

Ion Ratio Lower Upper

98 100

100 63.8 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN054762.D (-2569) (-)

Ion 100.00 (99.70 to 100.70): VN054762.D (-2569) (-)

10.09

500000

400000

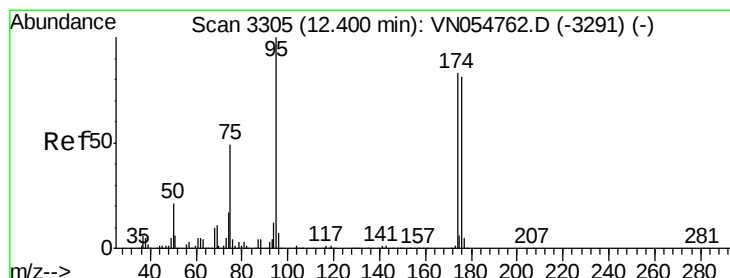
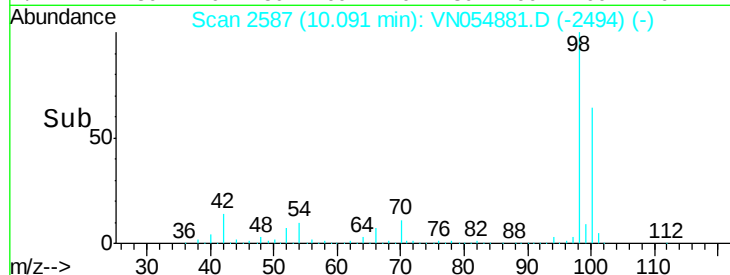
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 46.407 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054881.D

Acq: 1 Apr 2019 18:08

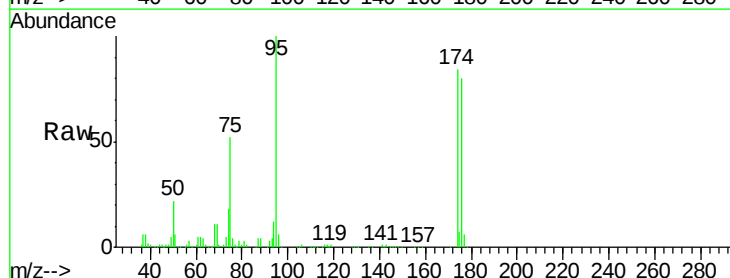
Tgt Ion: 95 Resp: 325312

Ion Ratio Lower Upper

95 100

174 84.4 0.0 191.0

176 81.3 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN054762.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN054762.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN054762.D (-3291) (-)

12.40

250000

200000

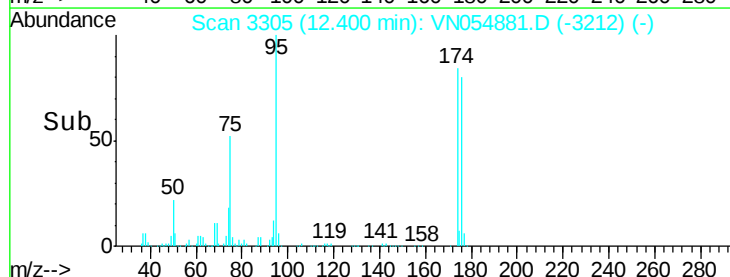
150000

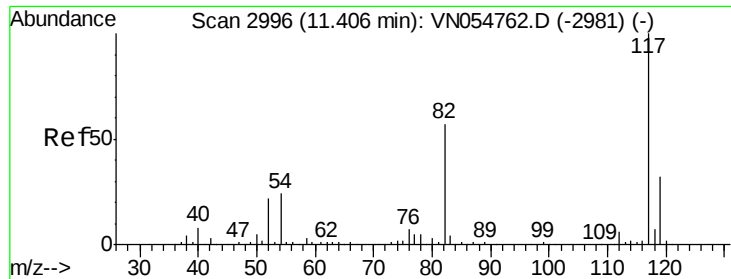
100000

50000

0

Time-->

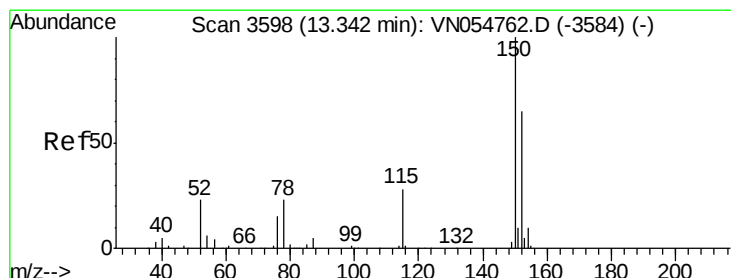
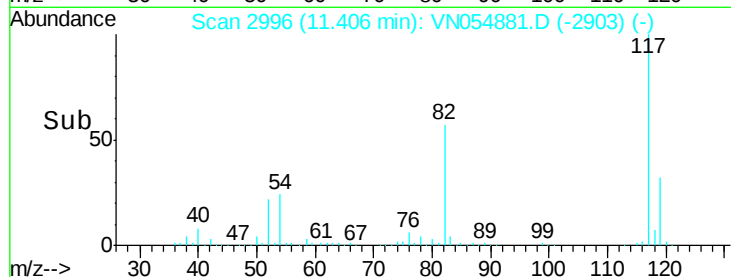
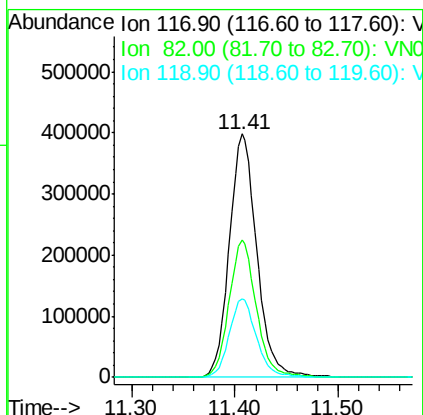
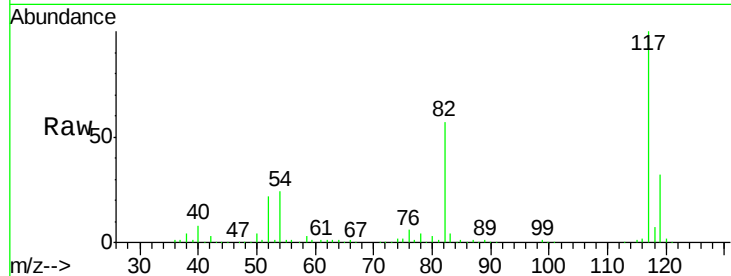




#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.41 min Scan# 2996
 Delta R.T. 0.00 min
 Lab File: VN054881.D
 Acq: 1 Apr 2019 18:08

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-TRACK-89-90-SOIL

Tot Ion:117 Resp: 740921
 Ion Ratio Lower Upper
 117 100
 82 56.6 40.0 60.0
 119 32.5 25.8 38.6



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.34 min Scan# 3598
 Delta R.T. 0.00 min
 Lab File: VN054881.D
 Acq: 1 Apr 2019 18:08

Tgt Ion:152 Resp: 270035
 Ion Ratio Lower Upper
 152 100
 115 57.9 27.2 81.6
 150 156.0 0.0 349.2

