

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121018\
 Data File : VN052749.D
 Acq On : 10 Dec 2018 13:23
 Operator : MD\SY
 Sample : J6269-02 50X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 OILY-SOIL

Quant Time: Dec 11 02:25:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 03 03:24:02 2018
 Response via : Initial Calibration

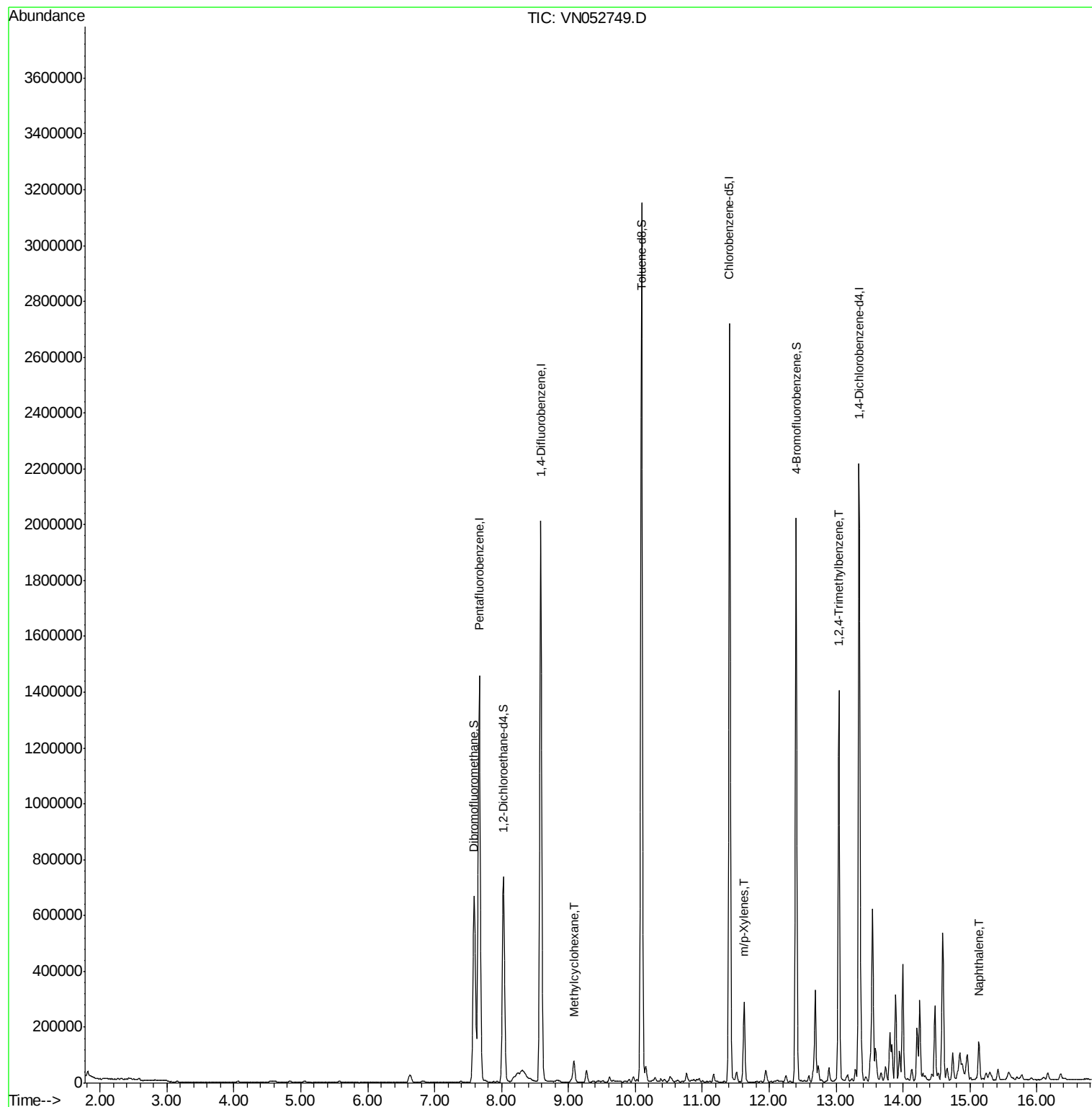
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1218391	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1866706	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1600089	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	621151	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	624908	47.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.22%	
35) Dibromofluoromethane	7.59	113	527332	45.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.64%	
50) Toluene-d8	10.09	98	2253696	50.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.62%	
62) 4-Bromofluorobenzene	12.40	95	701239	46.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.16%	
Target Compounds						
39) Methylcyclohexane	9.08	83	35553	1.659	ug/l	96
68) m/p-Xylenes	11.63	106	88417	4.111	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	805653	20.684	ug/l	100
95) Naphthalene	15.13	128	120105	8.212	ug/l	99

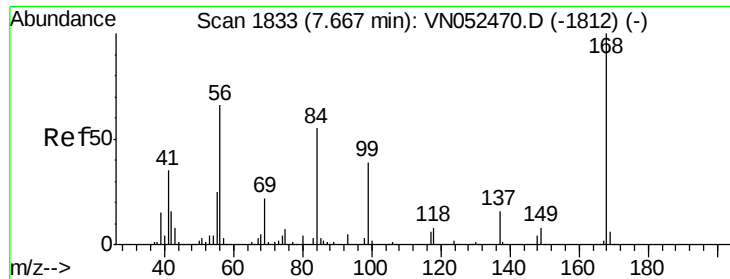
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN121018\
Data File : VN052749.D
Acq On : 10 Dec 2018 13:23
Operator : MD\SY
Sample : J6269-02 50X
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 10 Sample Multiplier: 28

Instrument :
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ClientSampleId :
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Quant Time: Dec 11 02:25:12 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
Quant Title : SW846 8260
QLast Update : Mon Dec 03 03:24:02 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN052749.D

Acq: 10 Dec 2018 13:23

Instrument :

MSVOA_N

ClientSampleId :

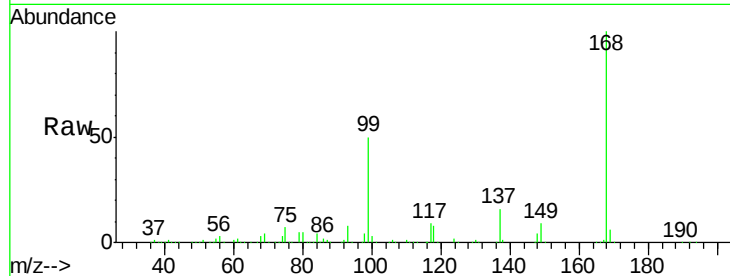
OILY-SOIL

Tot Ion:168 Resp: 1218391

Ion Ratio Lower Upper

168 100

99 50.4 41.7 62.5



Abundance Ion 167.90 (167.60 to 168.60): VN052749.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN052749.D (-1740) (-)

7.67

600000

500000

400000

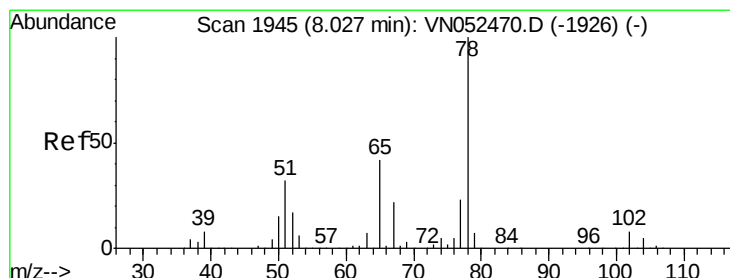
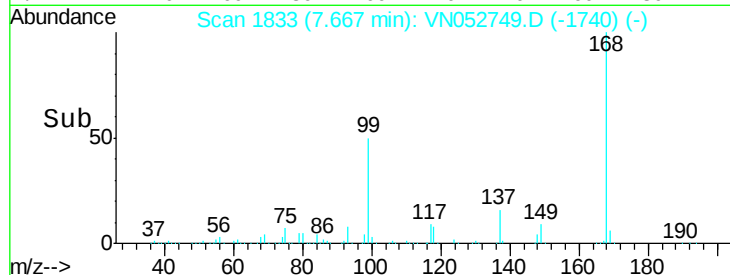
300000

200000

100000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN052749.D

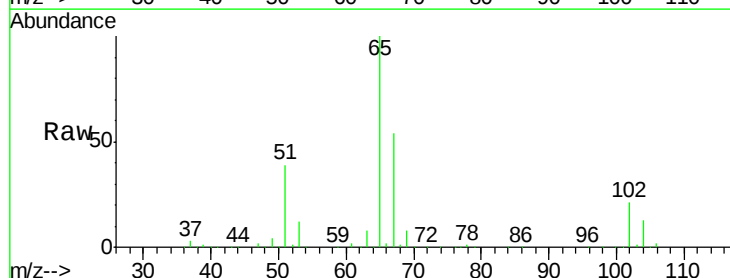
Acq: 10 Dec 2018 13:23

Tgt Ion: 65 Resp: 624908

Ion Ratio Lower Upper

65 100

67 53.8 0.0 109.8



Abundance Ion 64.90 (64.60 to 65.60): VN052749.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN052749.D (-1852) (-)

8.03

300000

250000

200000

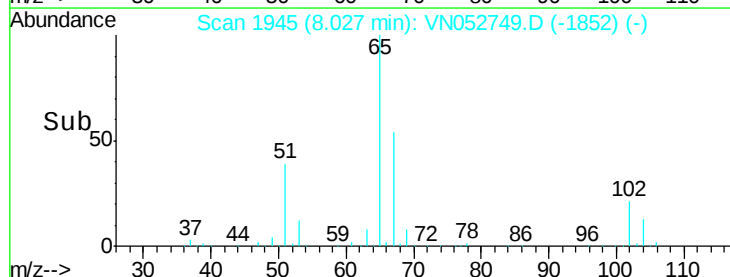
150000

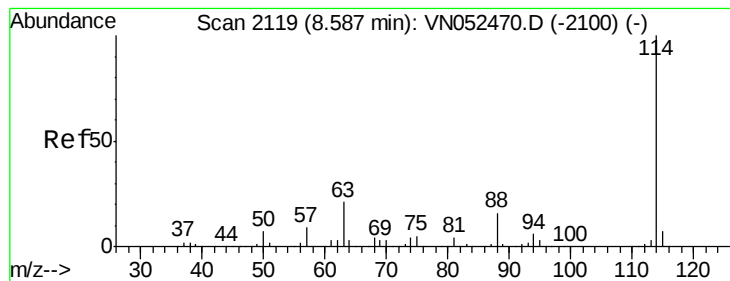
100000

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: VN052749.D

Acq: 10 Dec 2018 13:23

Instrument :

MSVOA_N

ClientSampleId :

OILY-SOIL

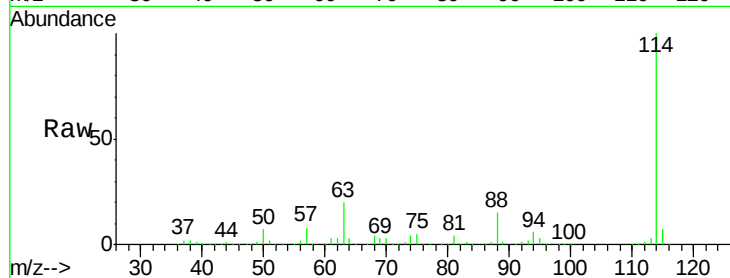
Tot Ion:114 Resp: 1866706

Ion Ratio Lower Upper

114 100

63 20.2 0.0 41.8

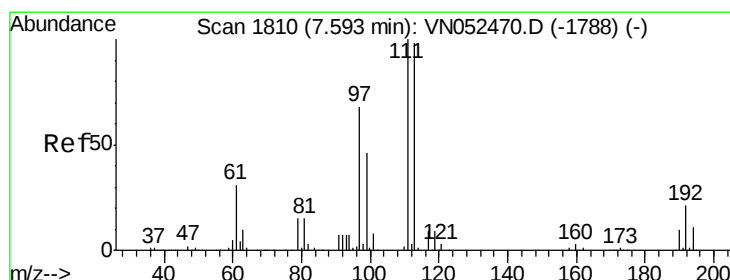
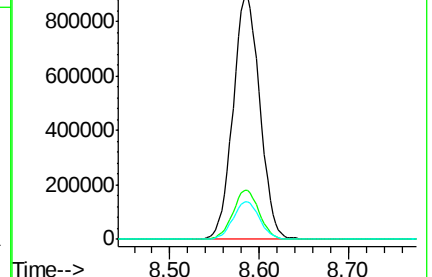
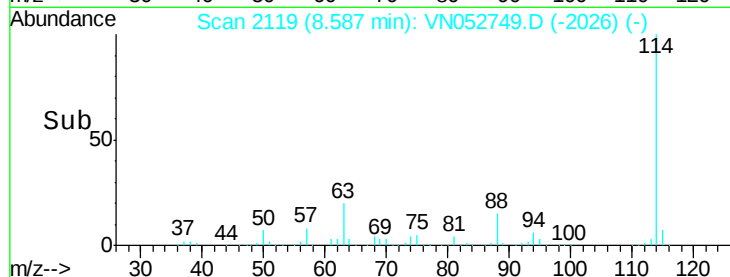
88 15.5 0.0 31.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN052749.D

Acq: 10 Dec 2018 13:23

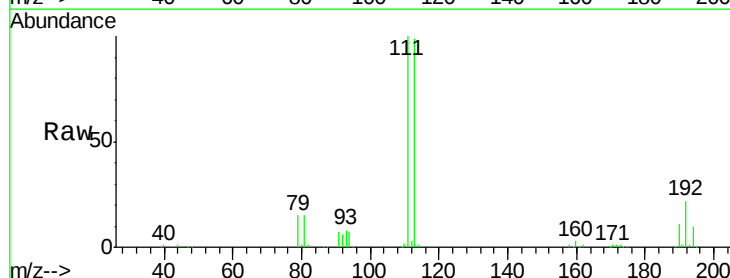
Tgt Ion:113 Resp: 527332

Ion Ratio Lower Upper

113 100

111 101.8 82.0 123.0

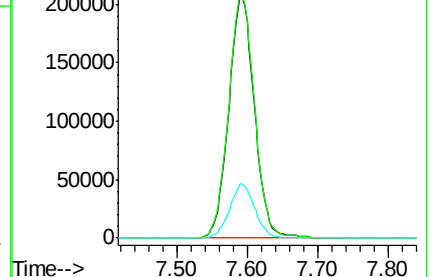
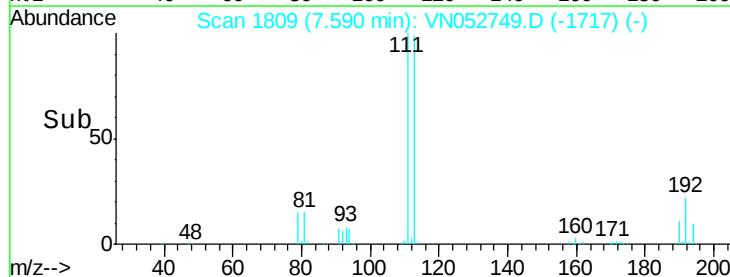
192 22.1 17.0 25.6

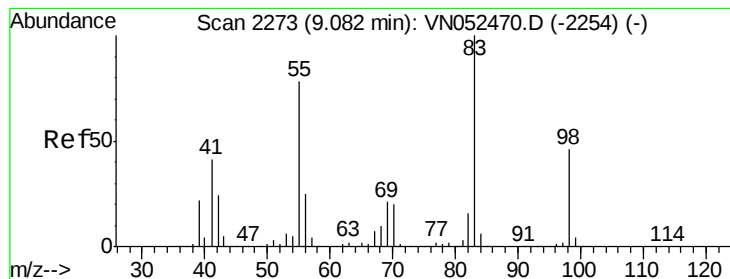


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#39

Methvlcvclohexane

Concen: 1.659 ug/l

RT: 9.08 min Scan# 2273

Delta R.T. 0.00 min

Lab File: VN052749.D

Acq: 10 Dec 2018 13:23

Instrument :

MSVOA_N

ClientSampled :

OILY-SOIL

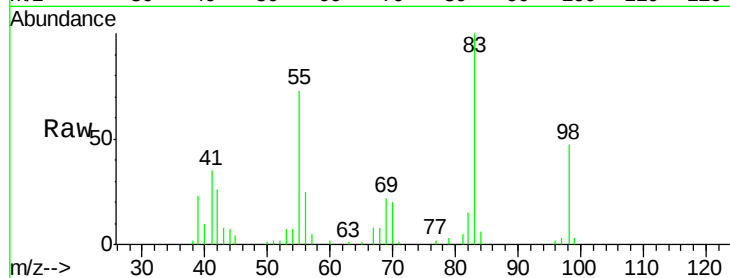
Tot Ion: 83 Resp: 35553

Ion Ratio Lower Upper

83 100

55 73.0 62.2 93.2

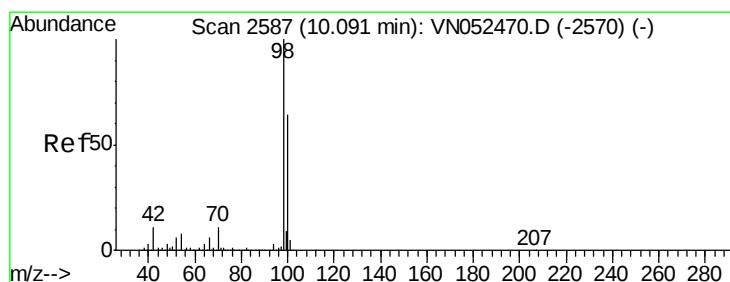
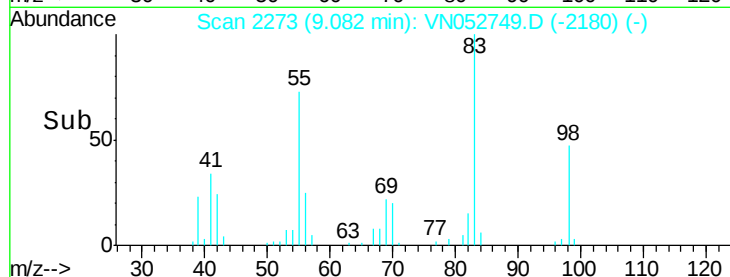
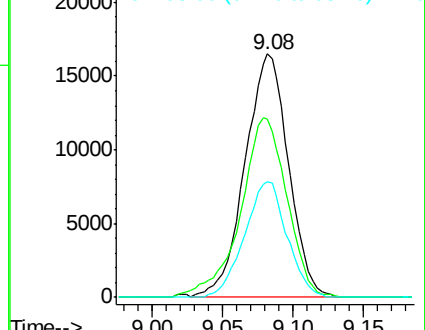
98 47.3 36.4 54.6



Abundance Ion 83.00 (82.70 to 83.70): VN052470.D (-2254) (-)

Ion 55.00 (54.70 to 55.70): VN052470.D (-2254) (-)

Ion 98.00 (97.70 to 98.70): VN052470.D (-2254) (-)



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052749.D

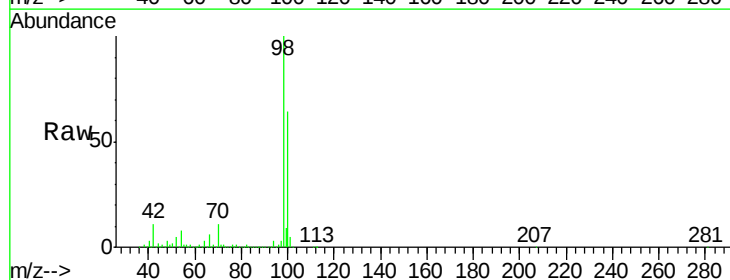
Acq: 10 Dec 2018 13:23

Tgt Ion: 98 Resp: 2253696

Ion Ratio Lower Upper

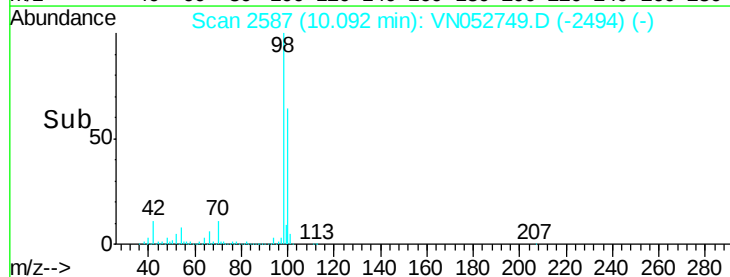
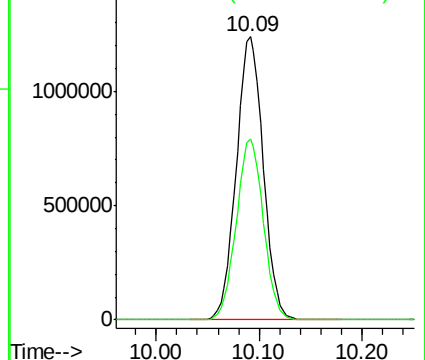
98 100

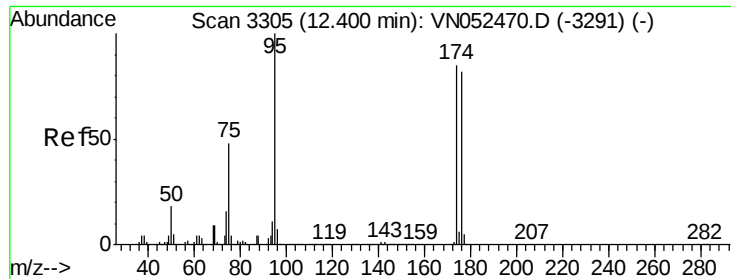
100 64.0 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VN052470.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN052470.D (-2570) (-)





#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN052749.D

Acq: 10 Dec 2018 13:23

Instrument :

MSVOA_N

ClientSampled :

OILY-SOIL

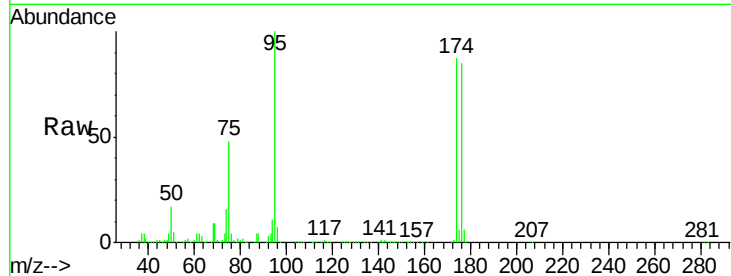
Tot Ion: 95 Resp: 701239

Ion Ratio Lower Upper

95 100

174 88.3 0.0 173.0

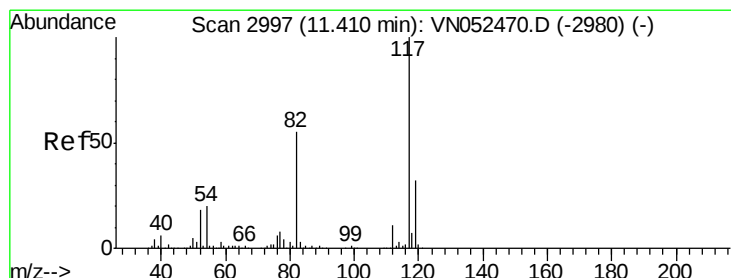
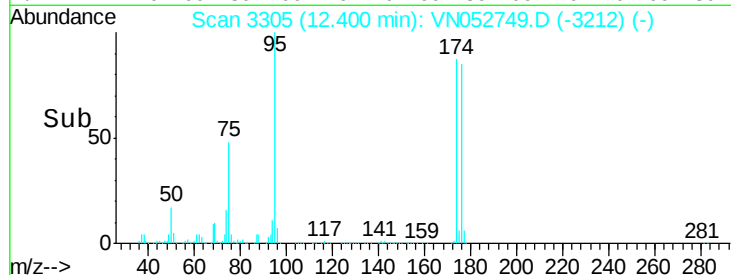
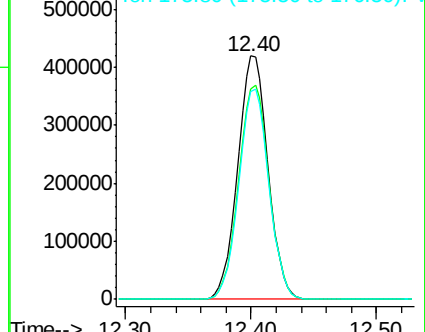
176 85.9 0.0 166.2



Abundance Ion 94.90 (94.60 to 95.60): VN052749.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN052749.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN052749.D (-3212) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN052749.D

Acq: 10 Dec 2018 13:23

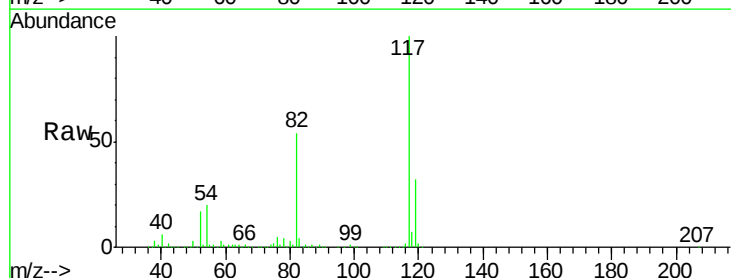
Tgt Ion: 117 Resp: 1600089

Ion Ratio Lower Upper

117 100

82 53.6 43.6 65.4

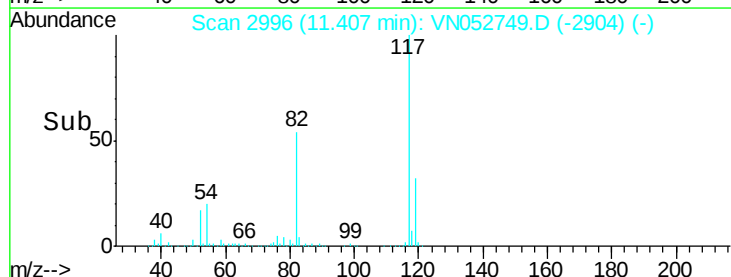
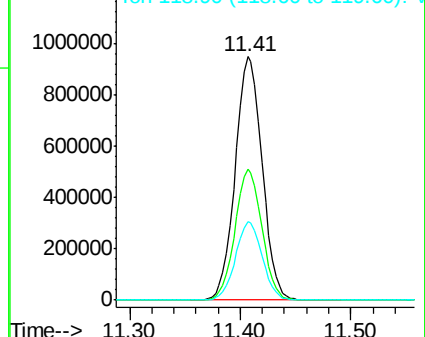
119 32.0 25.4 38.2

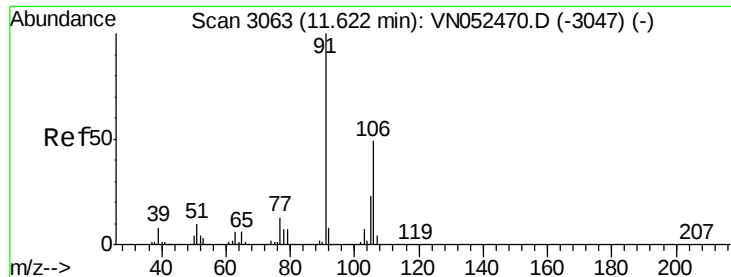


Abundance Ion 116.90 (116.60 to 117.60): VN052749.D (-2904) (-)

Ion 82.00 (81.70 to 82.70): VN052749.D (-2904) (-)

Ion 118.90 (118.60 to 119.60): VN052749.D (-2904) (-)





#68

m/p-Xvlenes

Concen: 4.111 ug/l

RT: 11.63 min Scan# 3064

Delta R.T. 0.00 min

Lab File: VN052749.D

Acq: 10 Dec 2018 13:23

Instrument :

MSVOA_N

ClientSampled :

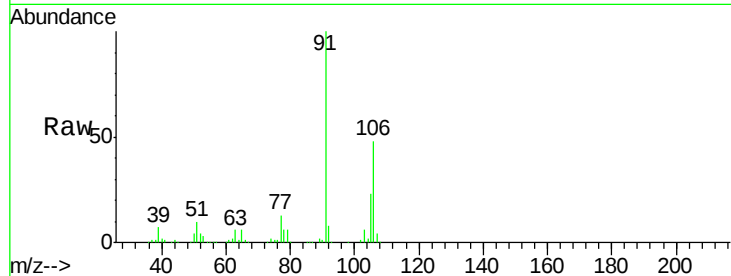
OILY-SOIL

Tot Ion:106 Resp: 88417

Ion Ratio Lower Upper

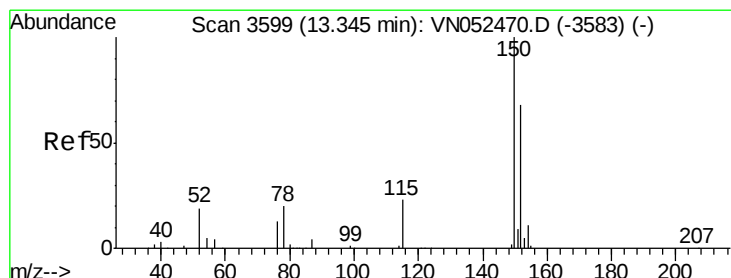
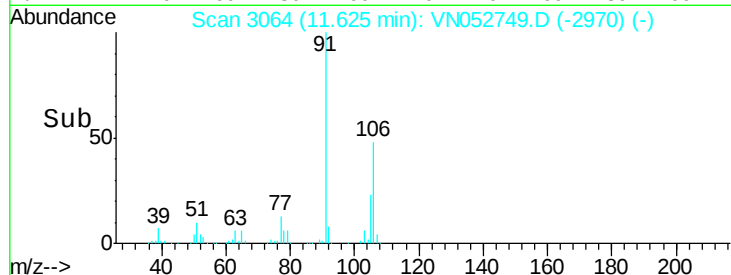
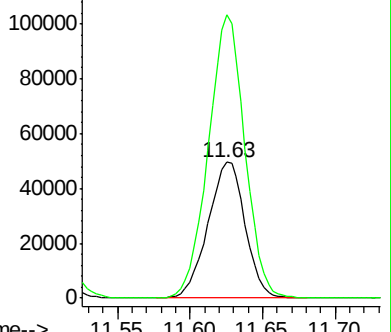
106 100

91 204.3 163.2 244.8



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: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN052749.D

Acq: 10 Dec 2018 13:23

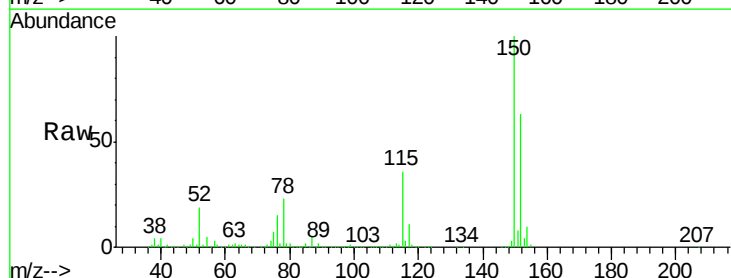
Tgt Ion:152 Resp: 621151

Ion Ratio Lower Upper

152 100

115 55.9 28.4 85.2

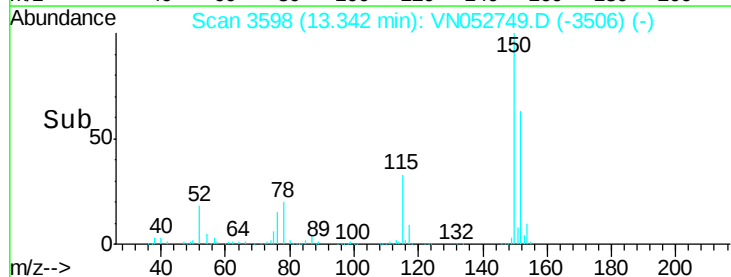
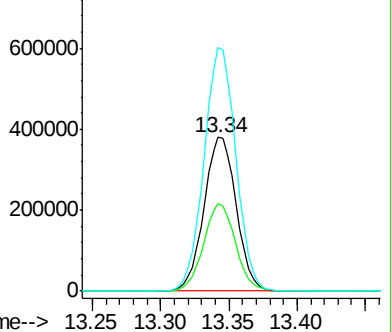
150 156.5 0.0 346.0

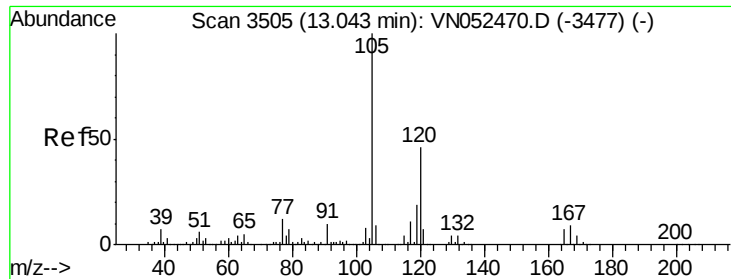


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

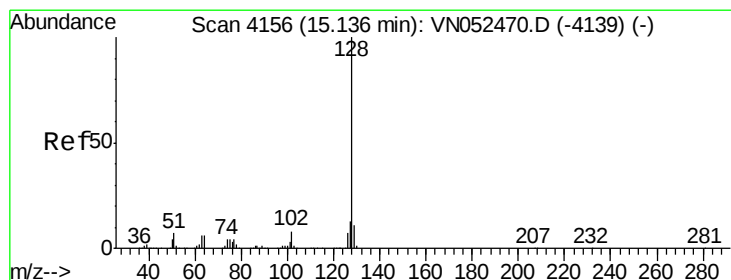
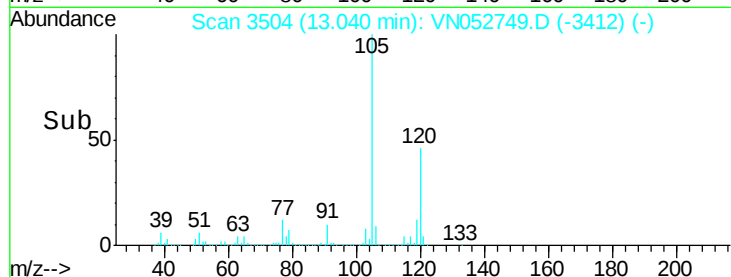
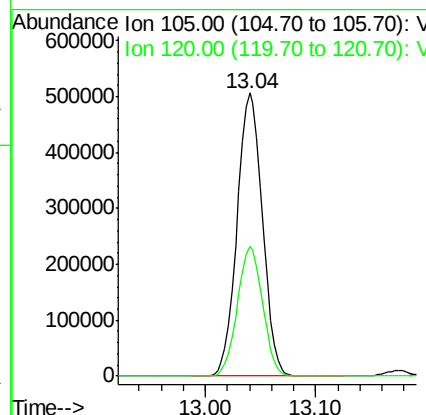
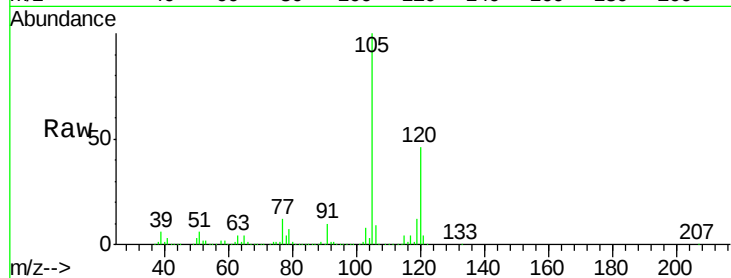




#84
1,2,4-Trimethylbenzene
Concen: 20.684 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN052749.D
Acq: 10 Dec 2018 13:23

Instrument :
MSVOA_N
ClientSampled :
OILY-SOIL

Tot Ion:105 Resp: 805653
Ion Ratio Lower Upper
105 100
120 45.6 22.8 68.4



#95
Naphthalene
Concen: 8.212 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN052749.D
Acq: 10 Dec 2018 13:23

Tgt Ion:128 Resp: 120105
Ion Ratio Lower Upper
128 100
127 12.3 10.2 15.2
129 10.4 8.7 13.1

