

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121118\
 Data File : VX006416.D
 Acq On : 11 Dec 2018 13:18
 Operator : JC/MD
 Sample : J6269-01MEDL 20X
 Misc : 5.79g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OILY-SOILMEDL

Quant Time: Dec 11 13:44:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	847923	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1262082	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1162720	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	597169	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	400122	46.23	ug/l	0.00
Spiked Amount			Recovery	=	92.46%	
35) Dibromofluoromethane	5.50	113	378433	46.31	ug/l	0.00
Spiked Amount			Recovery	=	92.62%	
50) Toluene-d8	8.71	98	1468966	49.42	ug/l	0.00
Spiked Amount			Recovery	=	98.84%	
62) 4-Bromofluorobenzene	11.13	95	568295	50.74	ug/l	0.00
Spiked Amount			Recovery	=	101.48%	

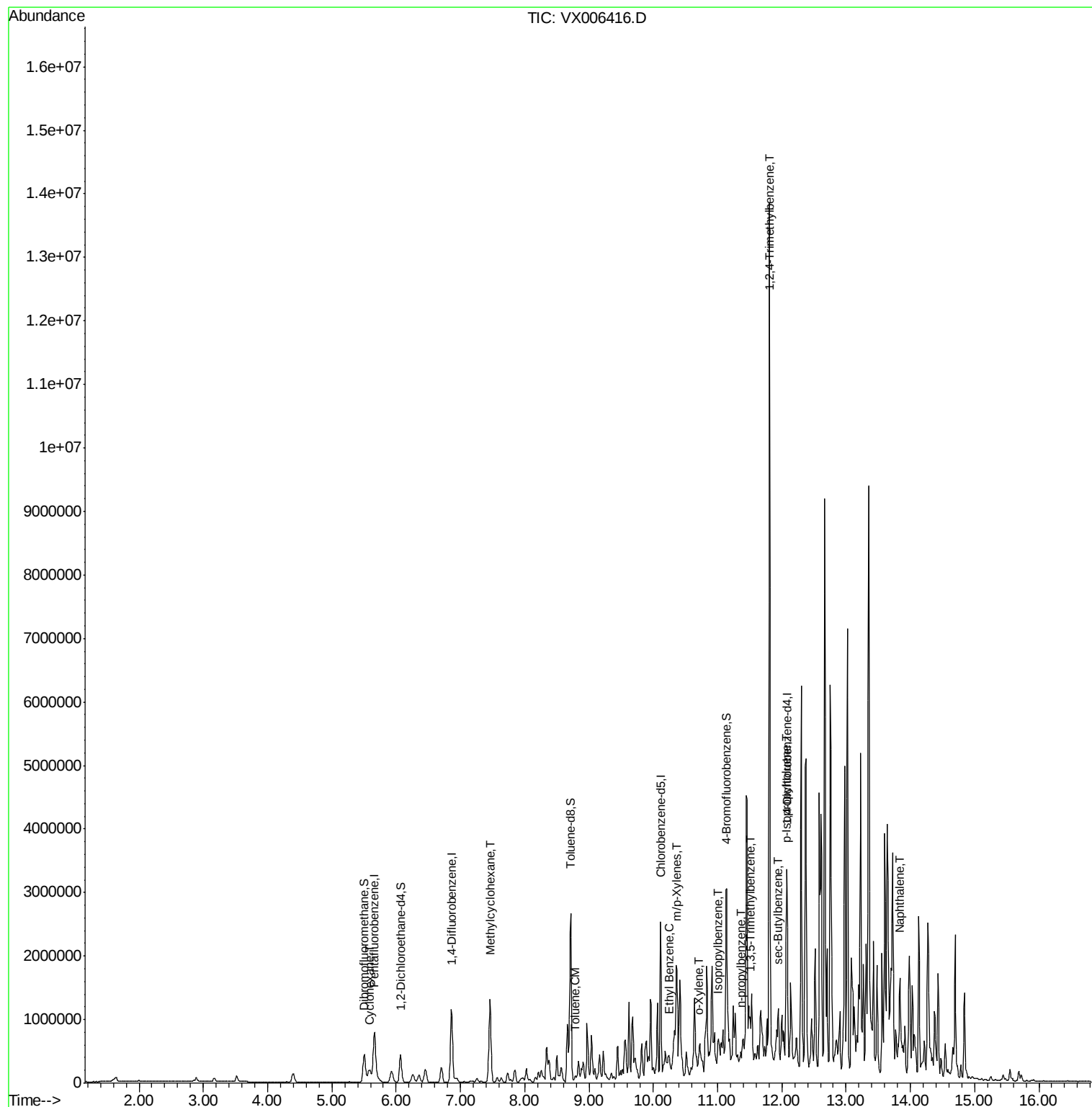
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Cyclohexane	5.58	56	143455	11.472	ug/l	99
39) Methylcyclohexane	7.46	83	625370	45.331	ug/l	96
52) Toluene	8.78	92	26313	1.256	ug/l	96
67) Ethyl Benzene	10.26	91	56657	1.380	ug/l	100
68) m/p-Xylenes	10.36	106	292721	17.801	ug/l	98
69) o-Xylene	10.69	106	26042	1.603	ug/l	98
73) Isopropylbenzene	11.02	105	104885	2.543	ug/l	98
78) n-propylbenzene	11.36	91	133906	2.921	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	237147	6.911	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	6001139	169.376	ug/l	98
85) sec-Butylbenzene	11.94	105	298160	7.159	ug/l	99
86) p-Isopropyltoluene	12.07	119	392057	10.454	ug/l	97
95) Naphthalene	13.83	128	940927	20.514	ug/l #	93

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX121118\
Data File : VX006416.D
Acq On : 11 Dec 2018 13:18
Operator : JC/MD
Sample : J6269-01MEDL 20X
Misc : 5.79g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
OILY-SOILMEDL

Quant Time: Dec 11 13:44:21 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006416.D

Acq: 11 Dec 2018 13:18

Instrument :

MSVOA_X

ClientSampleId :

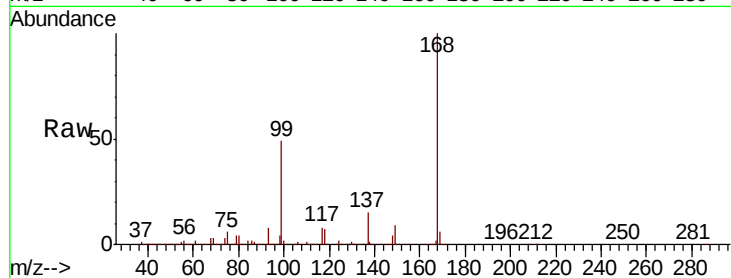
OILY-SOILMEDL

Tot Ion:168 Resp: 847923

Ion Ratio Lower Upper

168 100

99 48.5 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

300000

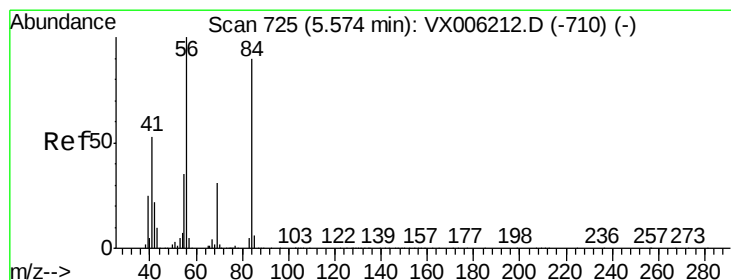
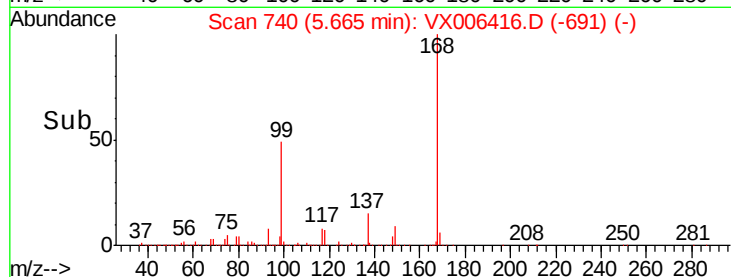
200000

100000

0

Time-->

5.50 5.60 5.70 5.80



#31

Cyclohexane

Concen: 11.472 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.01 min

Lab File: VX006416.D

Acq: 11 Dec 2018 13:18

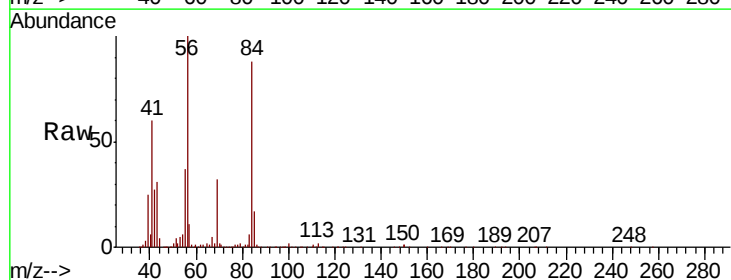
Tgt Ion: 56 Resp: 143455

Ion Ratio Lower Upper

56 100

69 30.1 24.5 36.7

84 88.8 71.8 107.6



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

5.58

50000

40000

30000

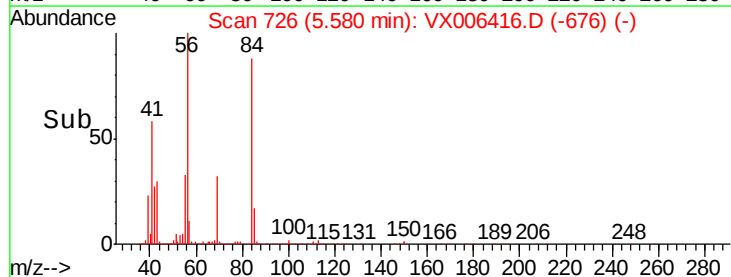
20000

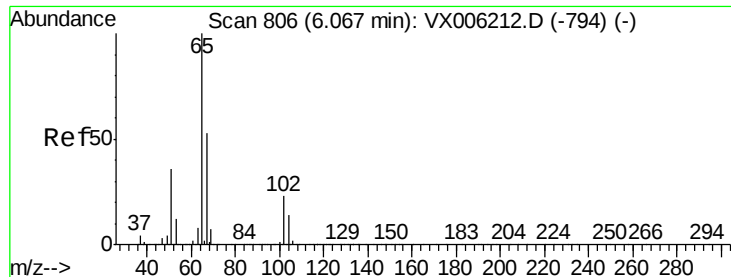
10000

0

Time-->

5.50 5.60 5.70





#33

1,2-Dichloroethane-d4

Concen: 46.225 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006416.D

Acq: 11 Dec 2018 13:18

Instrument :

MSVOA_X

ClientSampleId :

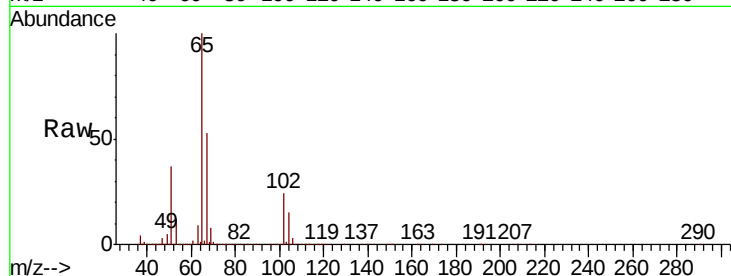
OILY-SOILMEDL

Tot Ion: 65 Resp: 400122

Ion Ratio Lower Upper

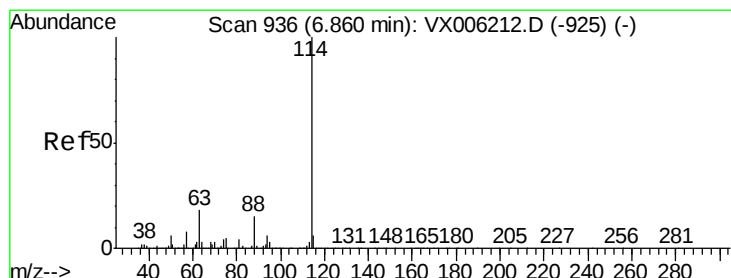
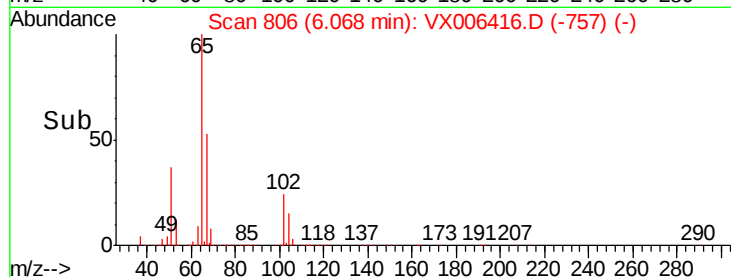
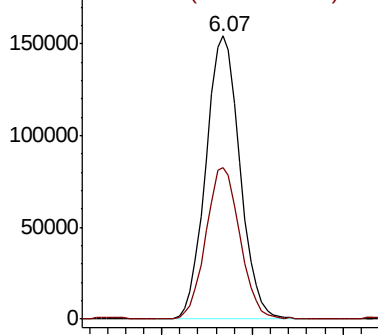
65 100

67 53.5 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006416.D

Acq: 11 Dec 2018 13:18

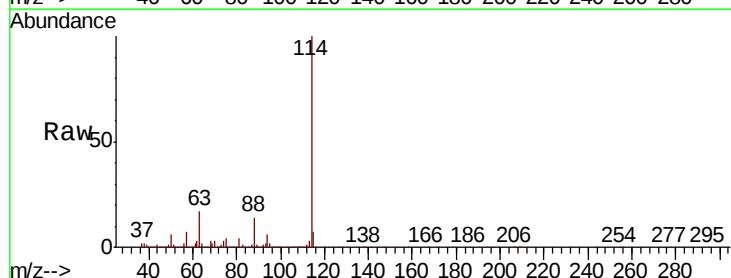
Tgt Ion: 114 Resp: 1262082

Ion Ratio Lower Upper

114 100

63 17.1 0.0 36.6

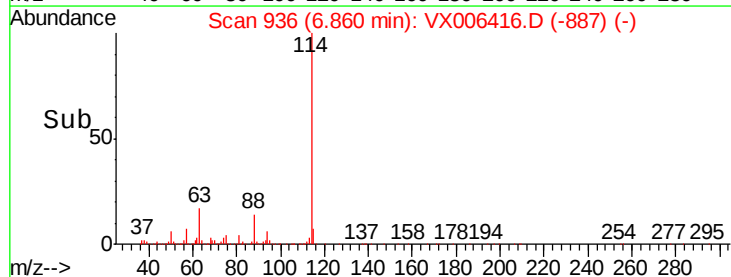
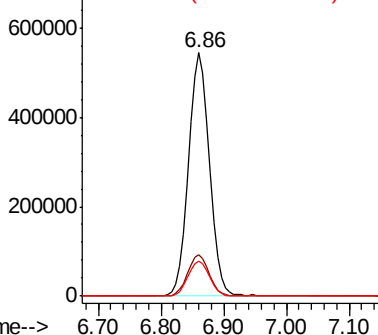
88 14.2 0.0 29.0

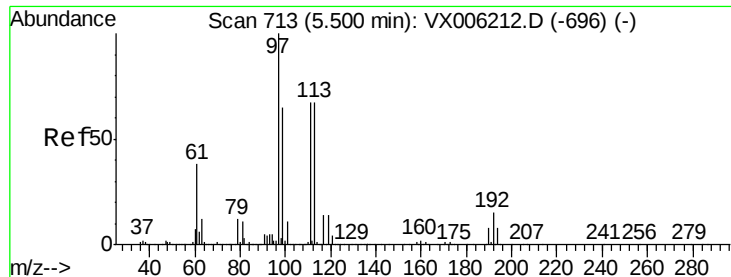


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 46.311 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006416.D

Acq: 11 Dec 2018 13:18

Instrument :

MSVOA_X

ClientSampleId :

OILY-SOILMEDL

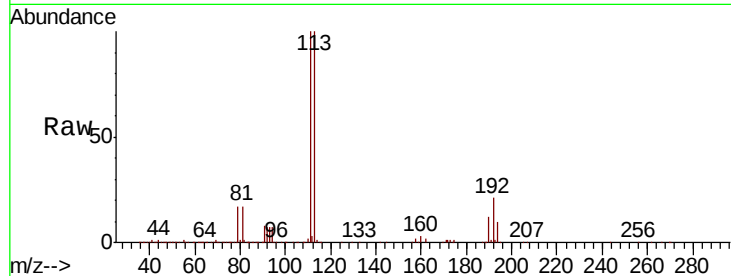
Tot Ion:113 Resp: 378433

Ion Ratio Lower Upper

113 100

111 101.7 81.1 121.7

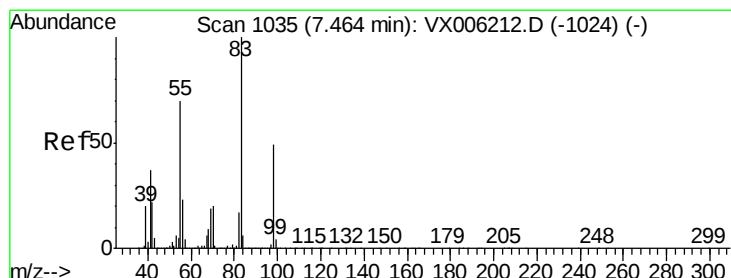
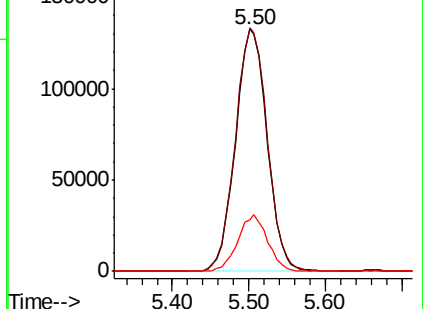
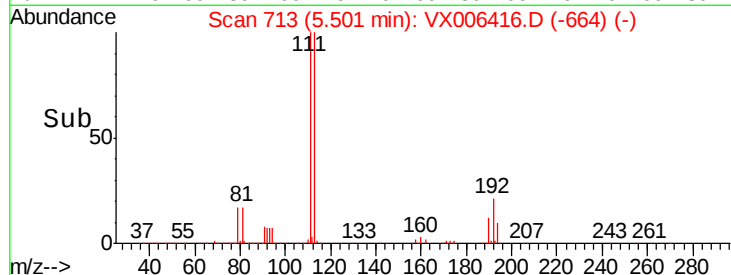
192 22.2 18.2 27.2



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

Methylcyclohexane

Concen: 45.331 ug/l

RT: 7.46 min Scan# 1034

Delta R.T. -0.01 min

Lab File: VX006416.D

Acq: 11 Dec 2018 13:18

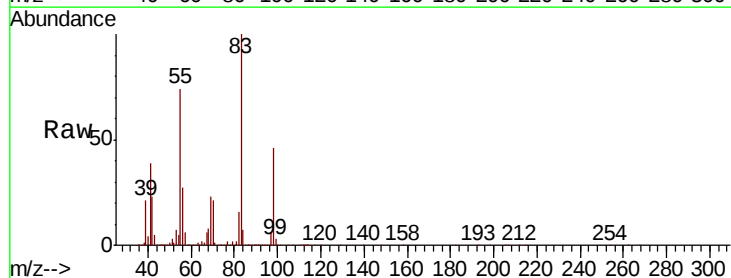
Tgt Ion: 83 Resp: 625370

Ion Ratio Lower Upper

83 100

55 73.5 56.4 84.6

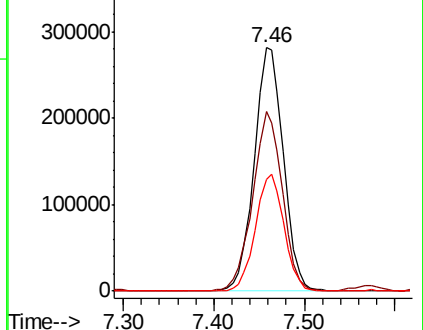
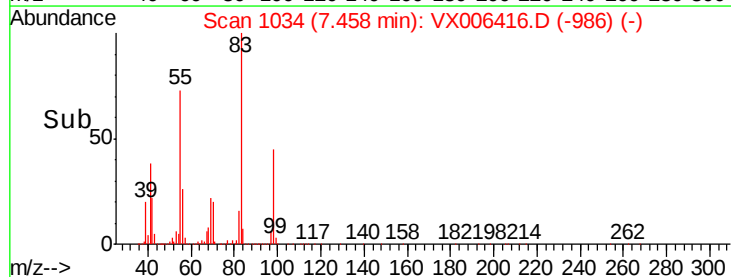
98 45.9 39.0 58.6

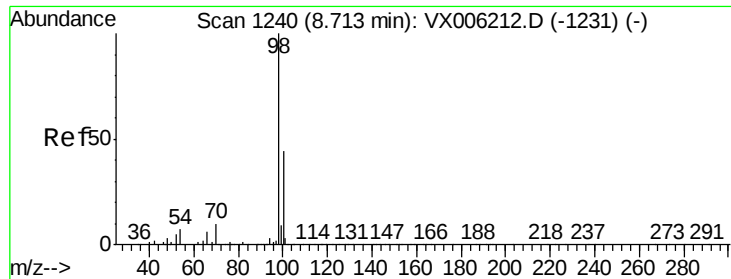


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#50

Toluene-d8

Concen: 49.422 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006416.D

Acq: 11 Dec 2018 13:18

Instrument :

MSVOA_X

ClientSampleId :

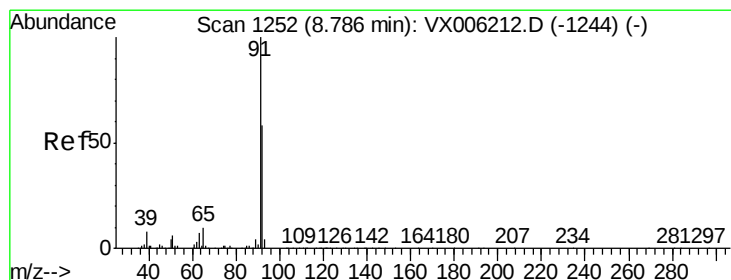
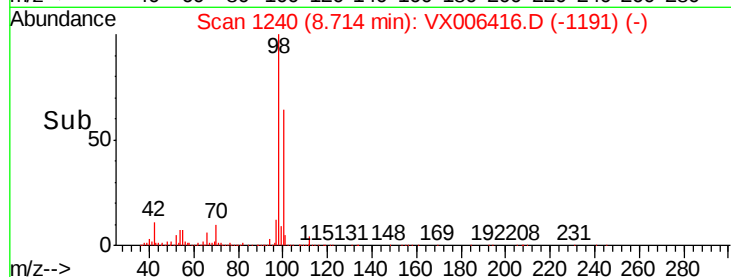
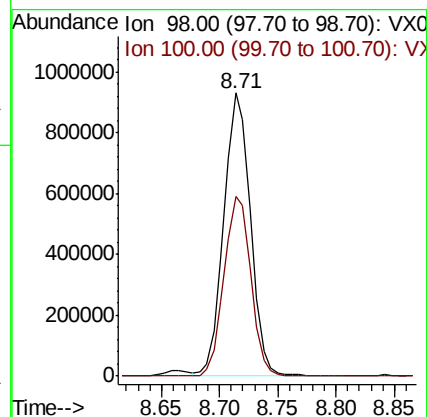
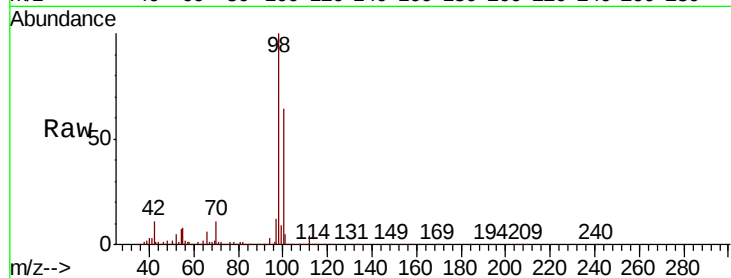
OILY-SOILMEDL

Tot Ion: 98 Resp: 1468966

Ion Ratio Lower Upper

98 100

100 64.3 52.2 78.2



#52

Toluene

Concen: 1.256 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX006416.D

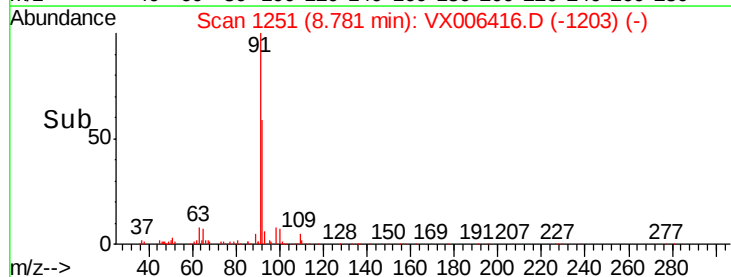
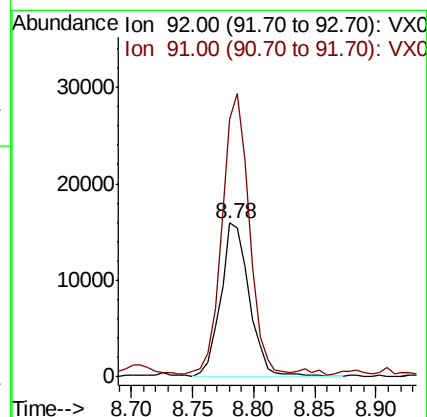
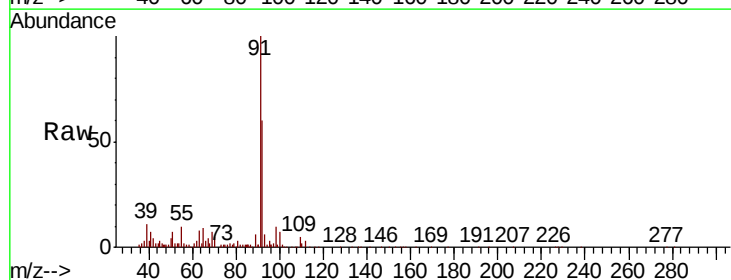
Acq: 11 Dec 2018 13:18

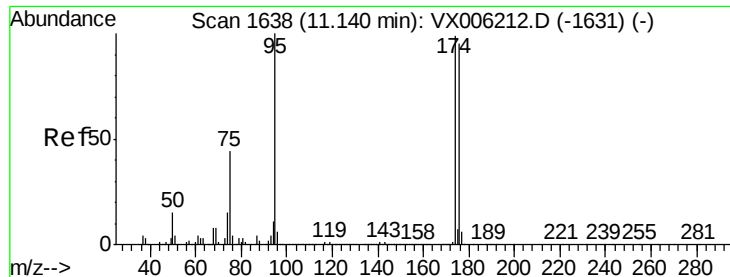
Tgt Ion: 92 Resp: 26313

Ion Ratio Lower Upper

92 100

91 168.8 139.2 208.8





#62

4-Bromofluorobenzene

Concen: 50.738 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006416.D

Acq: 11 Dec 2018 13:18

Instrument :

MSVOA_X

ClientSampleId :

OILY-SOILMEDL

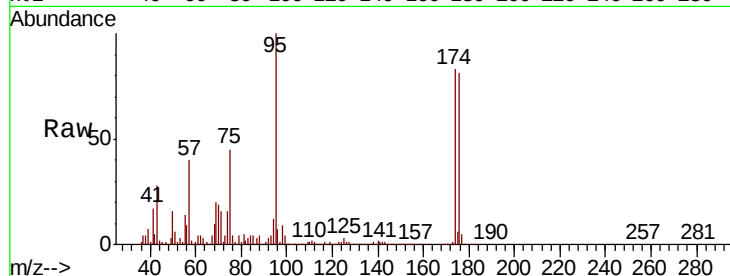
Tot Ion: 95 Resp: 568295

Ion Ratio Lower Upper

95 100

174 91.8 0.0 187.0

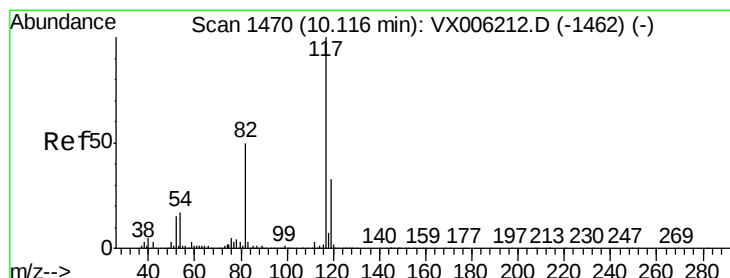
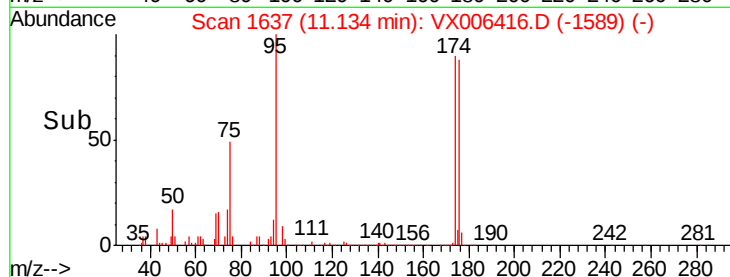
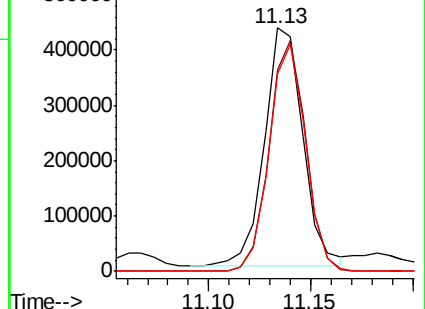
176 90.2 0.0 181.8



Abundance Ion 94.90 (94.60 to 95.60): VX006416.D (-1589) (-)

Ion 173.80 (173.50 to 174.50): VX006416.D (-1589) (-)

Ion 175.80 (175.50 to 176.50): VX006416.D (-1589) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX006416.D

Acq: 11 Dec 2018 13:18

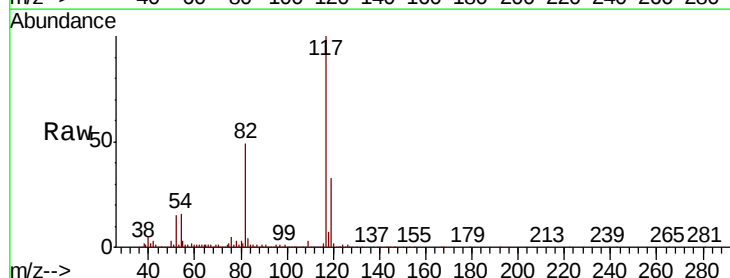
Tgt Ion: 117 Resp: 1162720

Ion Ratio Lower Upper

117 100

82 48.4 39.6 59.4

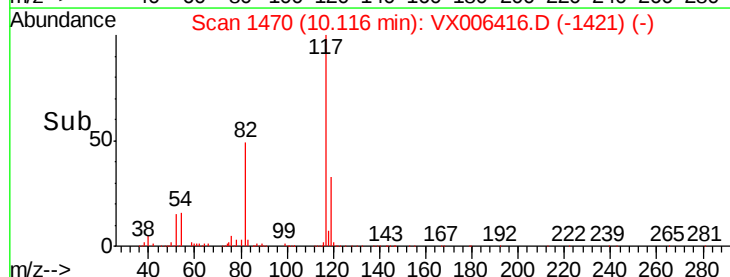
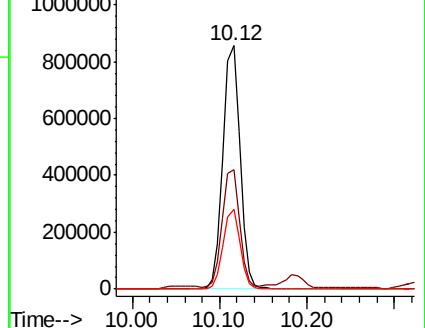
119 32.9 26.3 39.5

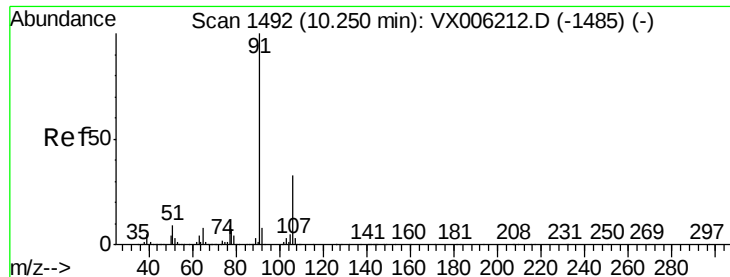


Abundance Ion 116.90 (116.60 to 117.60): VX006416.D (-1421) (-)

Ion 82.00 (81.70 to 82.70): VX006416.D (-1421) (-)

Ion 118.90 (118.60 to 119.60): VX006416.D (-1421) (-)





#67

Ethyl Benzene

Concen: 1.380 ug/l

RT: 10.26 min Scan# 1493

Delta R.T. 0.01 min

Lab File: VX006416.D

Acq: 11 Dec 2018 13:18

Instrument :

MSVOA_X

ClientSampleId :

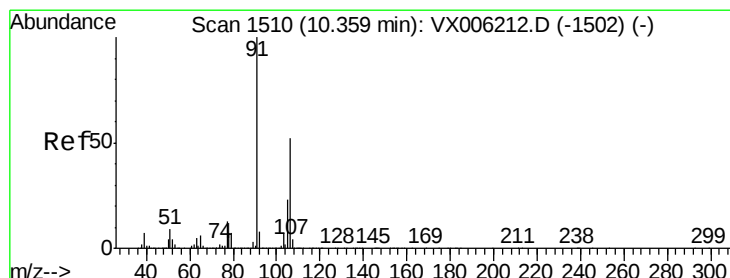
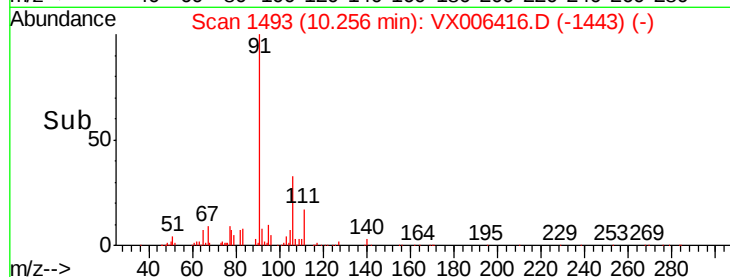
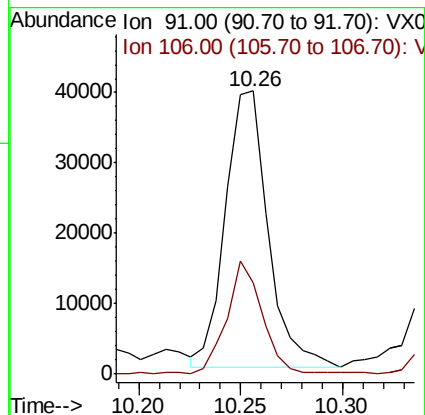
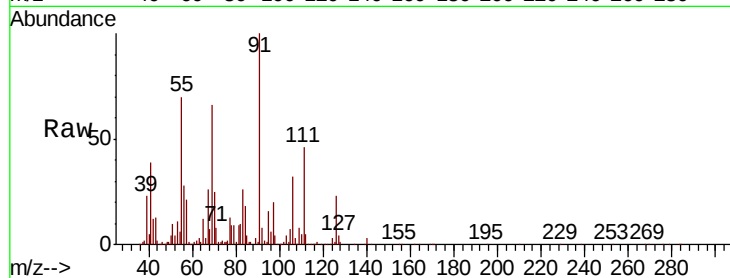
OILY-SOILMEDL

Tot Ion: 91 Resp: 56657

Ion Ratio Lower Upper

91 100

106 33.1 26.5 39.7



#68

m/p-Xylenes

Concen: 17.801 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006416.D

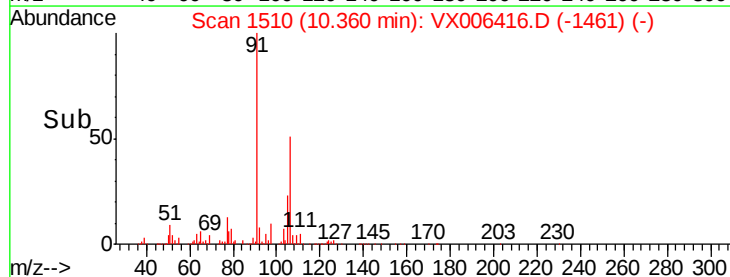
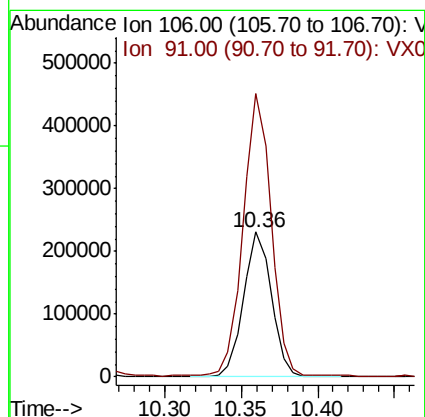
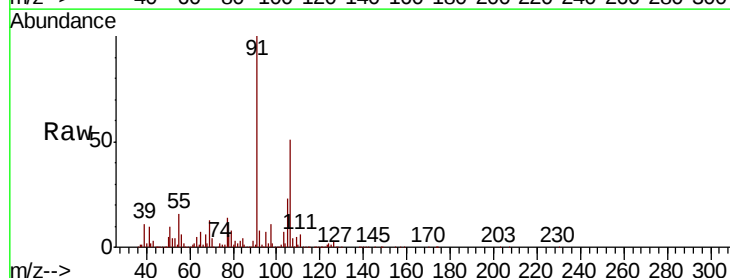
Acq: 11 Dec 2018 13:18

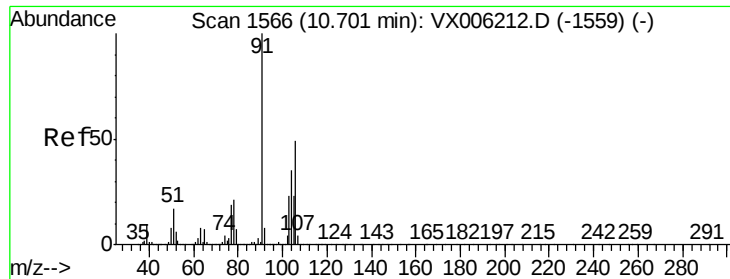
Tgt Ion: 106 Resp: 292721

Ion Ratio Lower Upper

106 100

91 196.5 155.2 232.8

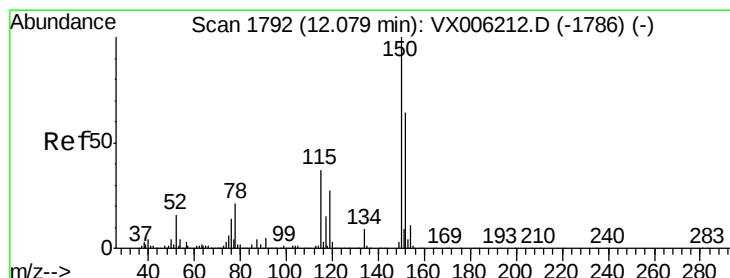
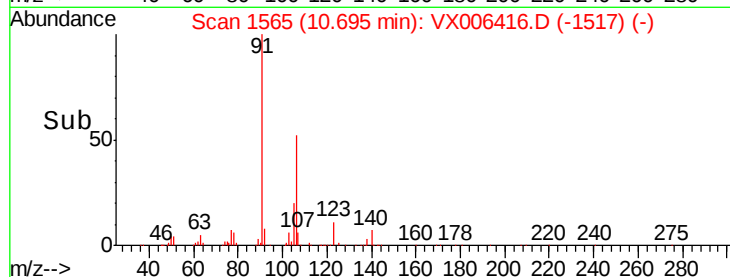
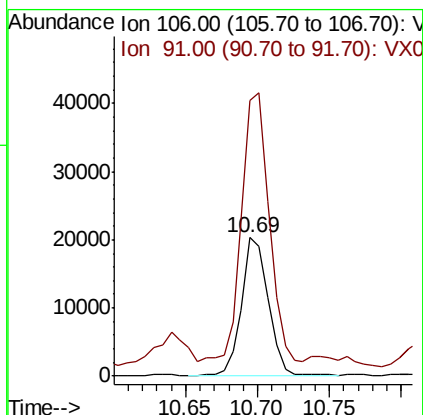
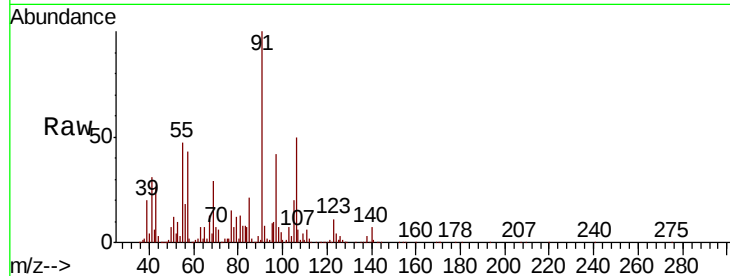




#69
o-Xylene
Concen: 1.603 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX006416.D
Acq: 11 Dec 2018 13:18

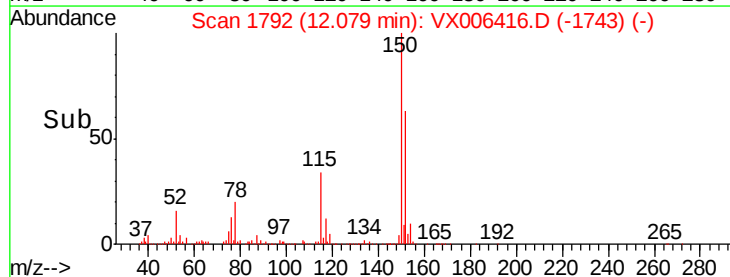
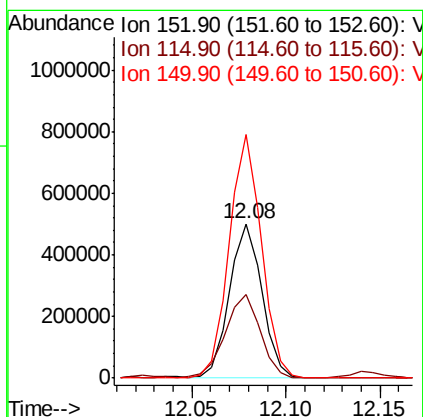
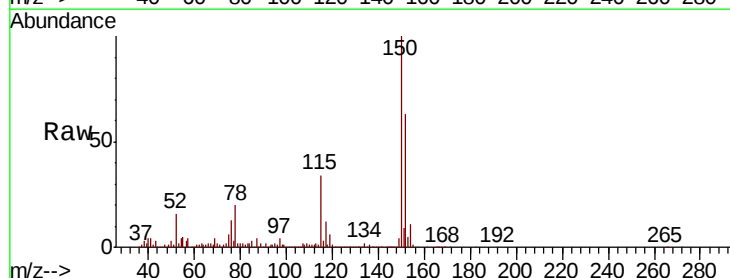
Instrument :
MSVOA_X
ClientSampleId :
OILY-SOILMEDL

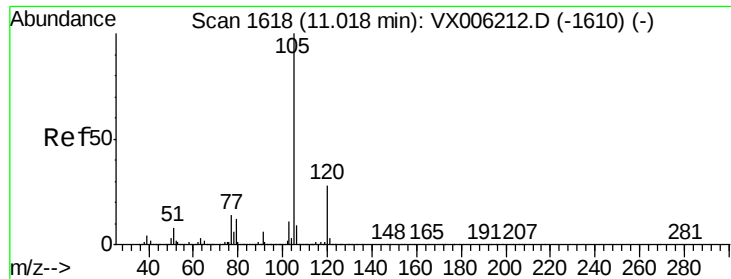
Tot Ion:106 Resp: 26042
Ion Ratio Lower Upper
106 100
91 200.1 101.8 305.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006416.D
Acq: 11 Dec 2018 13:18

Tgt Ion:152 Resp: 597169
Ion Ratio Lower Upper
152 100
115 58.2 39.0 116.9
150 156.4 0.0 345.8





#73

Isopropylbenzene

Concen: 2.543 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006416.D

Acq: 11 Dec 2018 13:18

Instrument :

MSVOA_X

ClientSampleId :

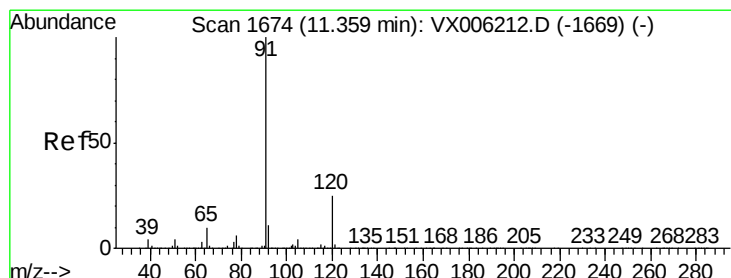
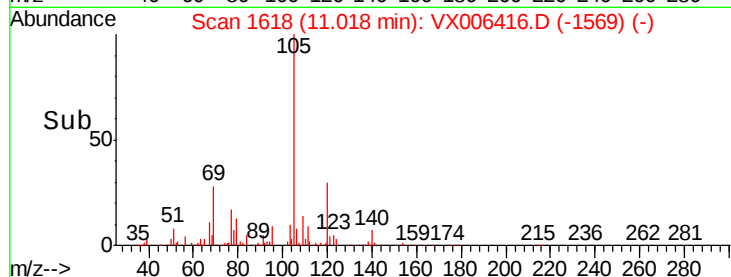
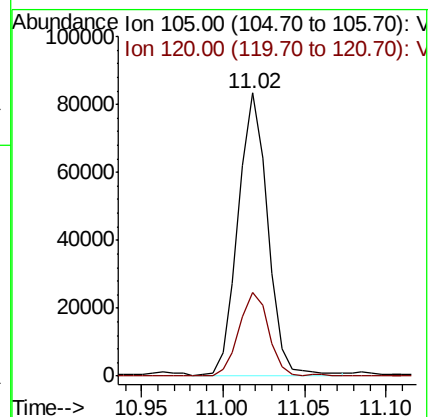
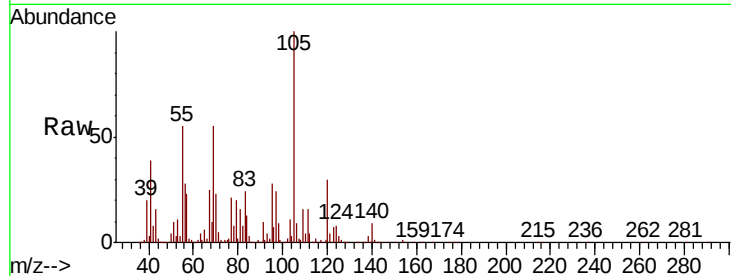
OILY-SOILMEDL

Tot Ion:105 Resp: 104885

Ion Ratio Lower Upper

105 100

120 29.4 14.1 42.3



#78

n-propylbenzene

Concen: 2.921 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006416.D

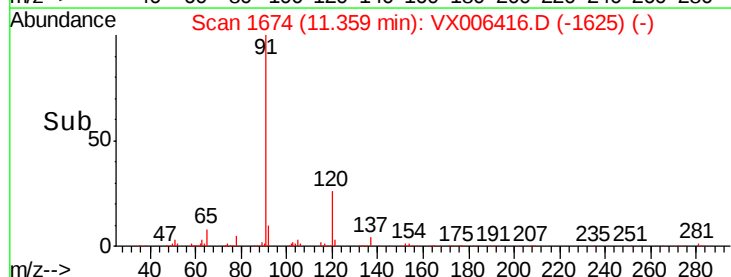
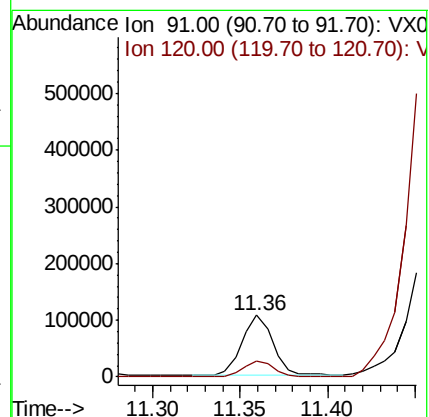
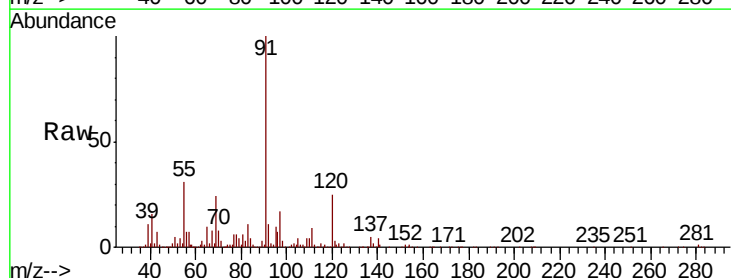
Acq: 11 Dec 2018 13:18

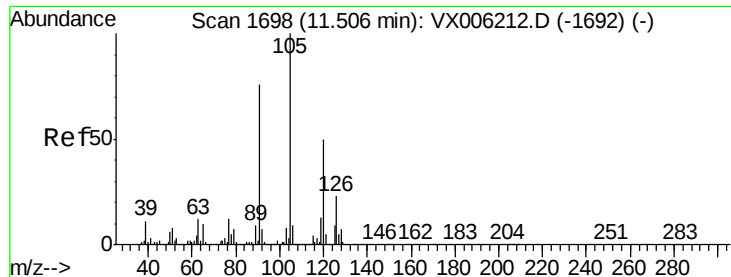
Tgt Ion: 91 Resp: 133906

Ion Ratio Lower Upper

91 100

120 25.6 12.7 38.0

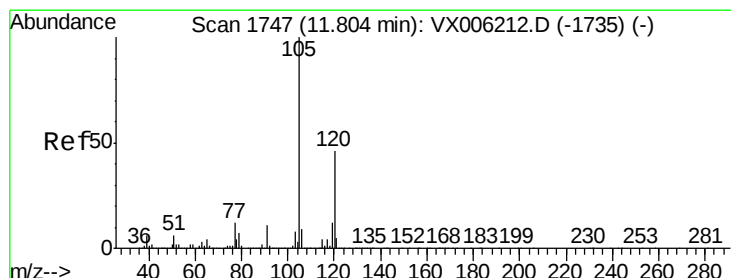
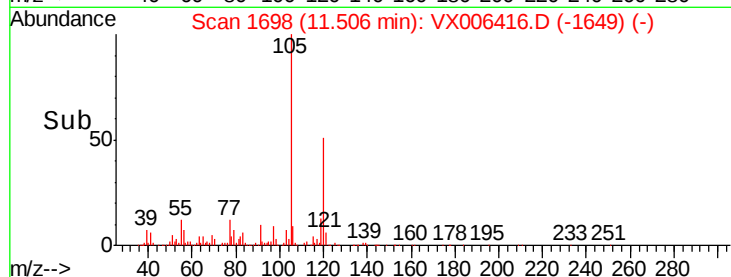
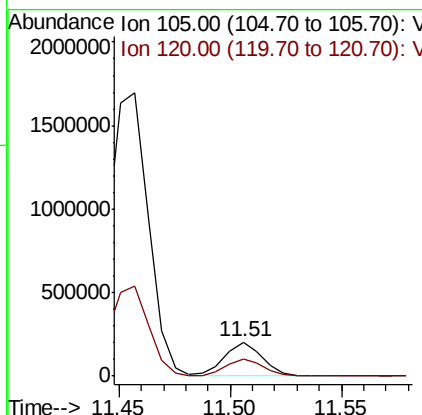
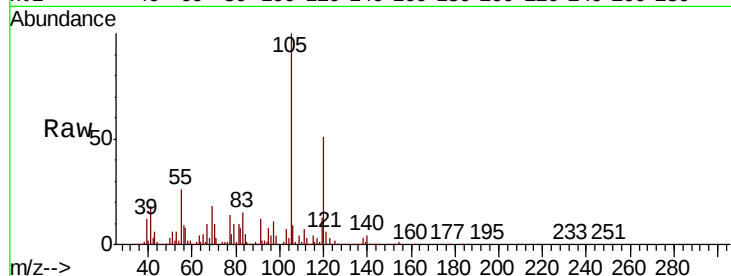




#80
 1,3,5-Trimethylbenzene
 Concen: 6.911 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX006416.D
 Acq: 11 Dec 2018 13:18

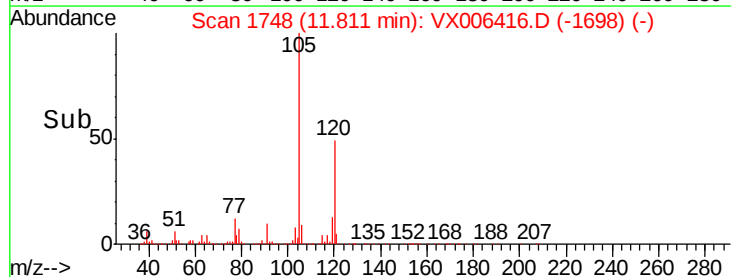
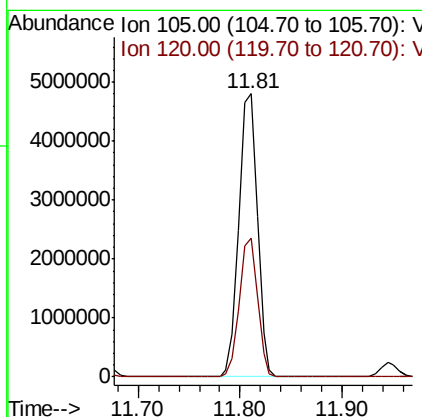
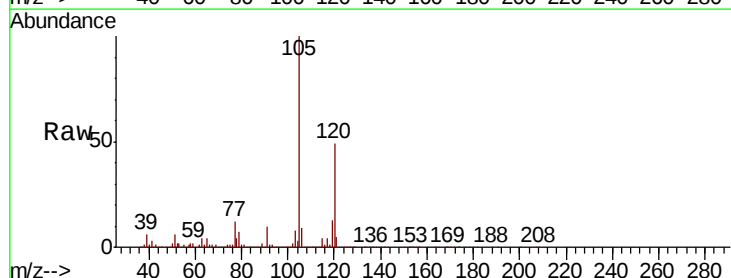
Instrument :
 MSVOA_X
 ClientSampleId :
 OILY-SOILMEDL

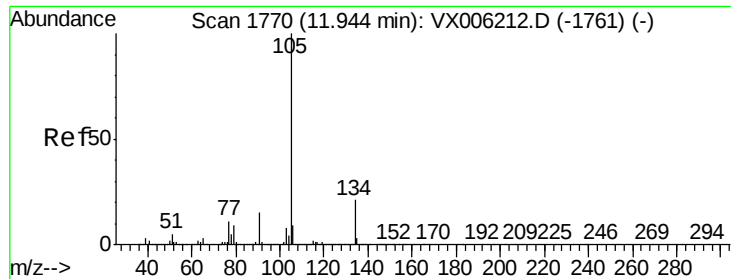
Tot Ion:105 Resp: 237147
 Ion Ratio Lower Upper
 105 100
 120 50.9 25.4 76.0



#84
 1,2,4-Trimethylbenzene
 Concen: 169.376 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.01 min
 Lab File: VX006416.D
 Acq: 11 Dec 2018 13:18

Tgt Ion:105 Resp: 6001139
 Ion Ratio Lower Upper
 105 100
 120 48.1 23.4 70.0





#85

sec-Butylbenzene

Concen: 7.159 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006416.D

Acq: 11 Dec 2018 13:18

Instrument :

MSVOA_X

ClientSampleId :

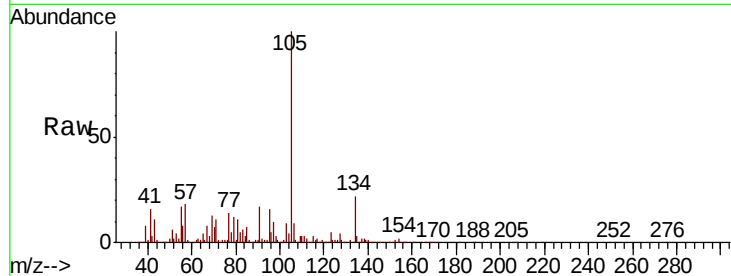
OILY-SOILMEDL

Tot Ion:105 Resp: 298160

Ion Ratio Lower Upper

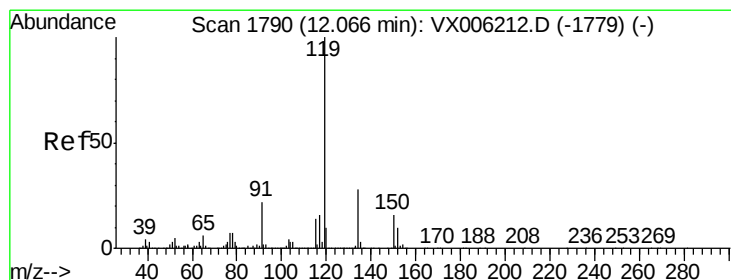
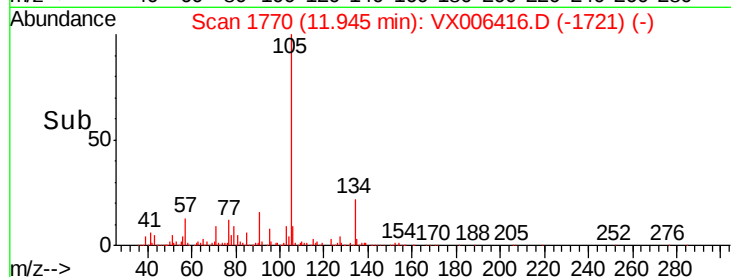
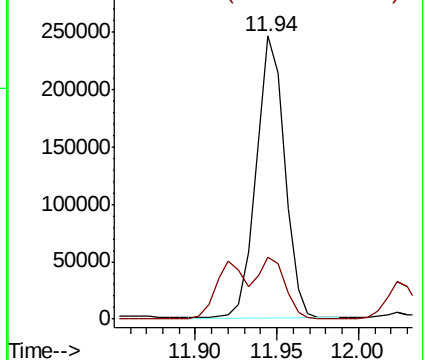
105 100

134 21.1 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 10.454 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX006416.D

Acq: 11 Dec 2018 13:18

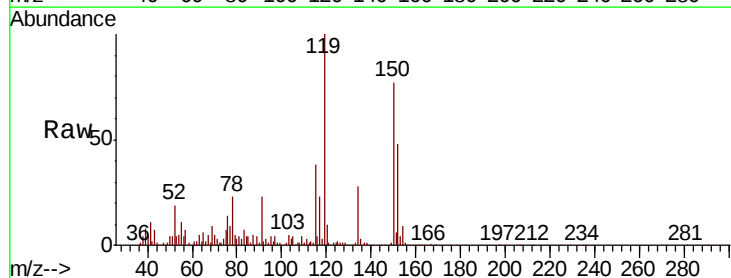
Tgt Ion:119 Resp: 392057

Ion Ratio Lower Upper

119 100

134 28.0 13.9 41.6

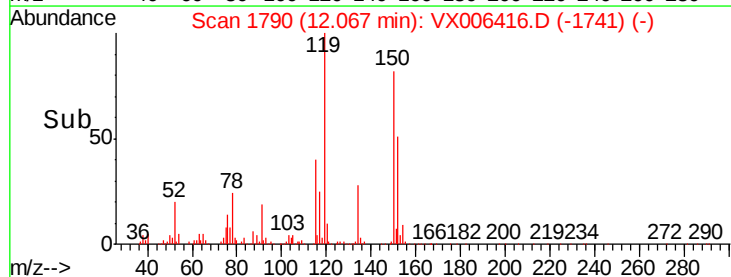
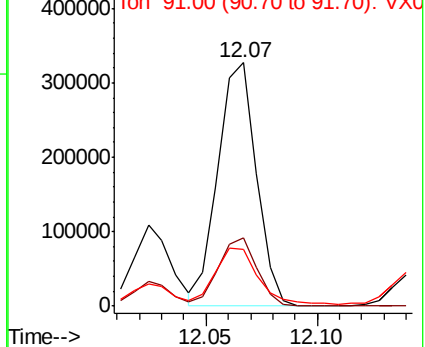
91 24.9 11.3 33.8

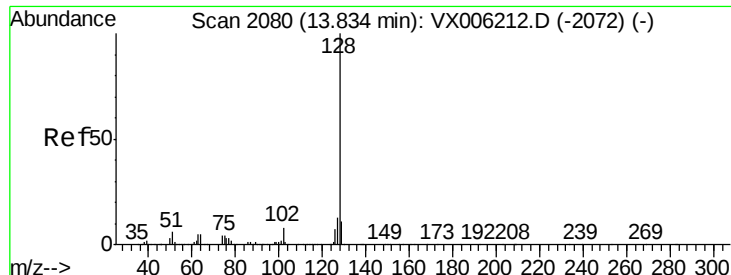


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#95
Naphthalene
Concen: 20.514 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006416.D
Acq: 11 Dec 2018 13:18

Instrument :
MSVOA_X
ClientSampleId :
OILY-SOILMEDL

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.2	15.4
129	15.5	8.9	13.3

