

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040120\
 Data File : VX015466.D
 Acq On : 01 Apr 2020 14:58
 Operator : JC/SP
 Sample : L2050-07MEDL 10X
 Misc : 5.05µ/10mL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OILY-DEBRISMEDL

Quant Time: Apr 02 10:16:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

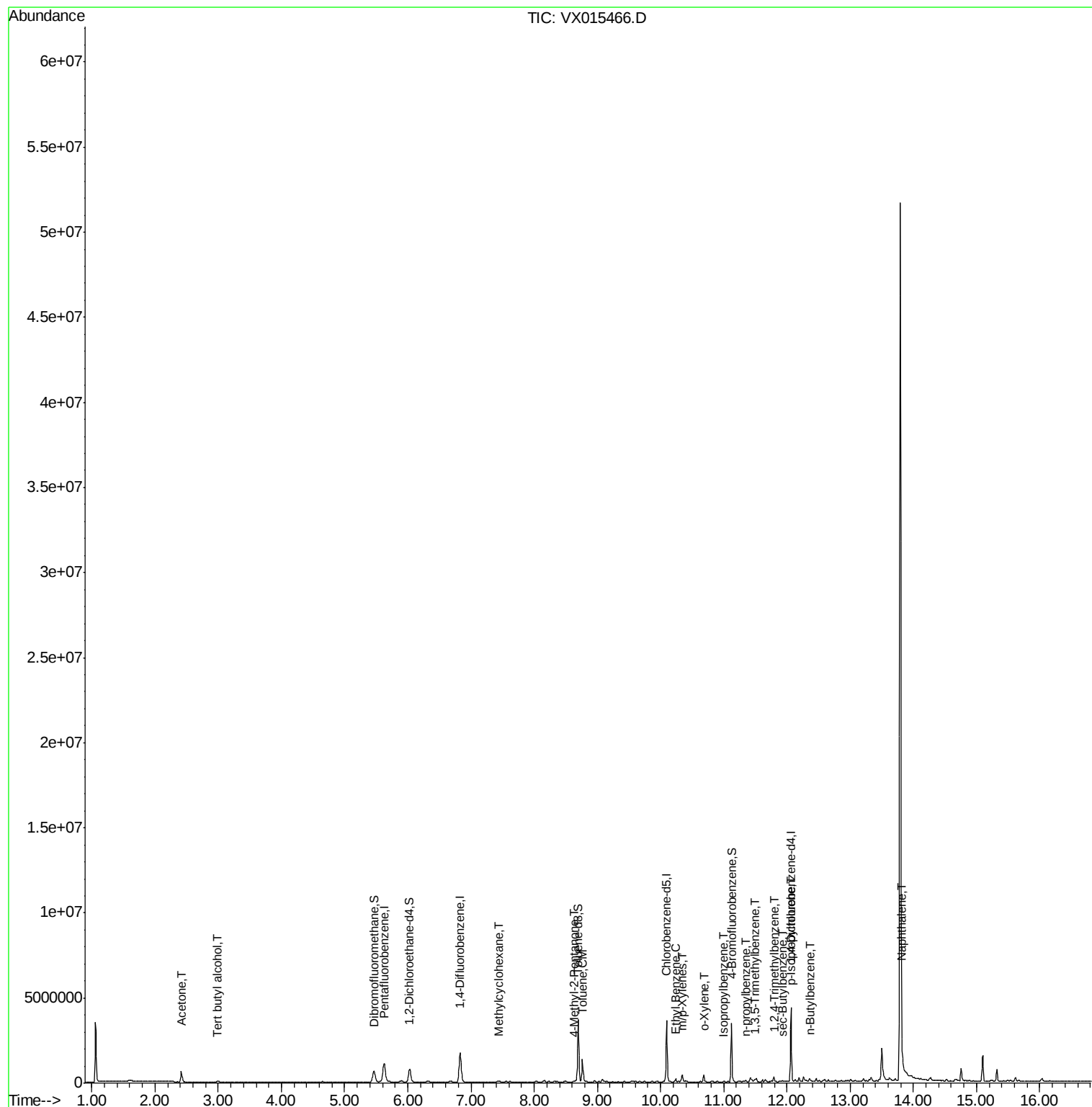
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	1076286	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1752112	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.10	117	1635845	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	847897	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	718327	47.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.64%	
35) Dibromofluoromethane	5.47	113	548645	48.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.98%	
50) Toluene-d8	8.70	98	2114739	51.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.56%	
62) 4-Bromofluorobenzene	11.12	95	889805	53.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.20%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.99	59	26358	7.254	ug/l #	73
16) Acetone	2.42	43	667453	102.345	ug/l	100
39) Methylcyclohexane	7.44	83	28698	1.542	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	17260	0.858	ug/l	97
52) Toluene	8.76	92	512156	17.567	ug/l	100
67) Ethyl Benzene	10.24	91	115961	2.004	ug/l	99
68) m/p-Xylenes	10.34	106	93827	4.355	ug/l	97
69) o-Xylene	10.68	106	88033	4.135	ug/l	98
73) Isopropylbenzene	11.01	105	18930	0.341	ug/l	88
78) n-propylbenzene	11.35	91	58345	0.918	ug/l	97
80) 1,3,5-Trimethylbenzene	11.49	105	62080	1.308	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	130821	2.706	ug/l	99
85) sec-Butylbenzene	11.93	105	14316	0.267	ug/l	91
86) p-Isopropyltoluene	12.05	119	12613m	0.253	ug/l	
89) n-Butylbenzene	12.37	91	35147m	0.782	ug/l	
95) Naphthalene	13.82	128	53744	0.858	ug/l #	80

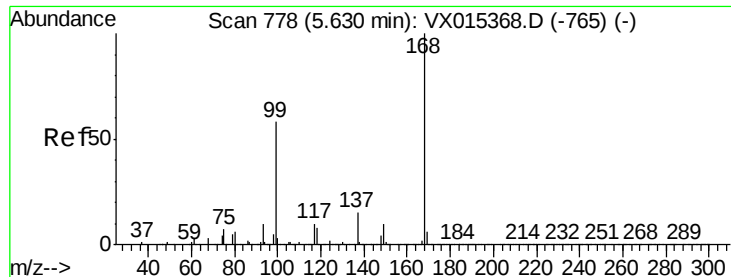
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX040120\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 27 09:35:51 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 778

Delta R.T. 0.00 min

Lab File: VX015466.D

Acq: 01 Apr 2020 14:58

Instrument :

MSVOA_X

ClientSampleId :

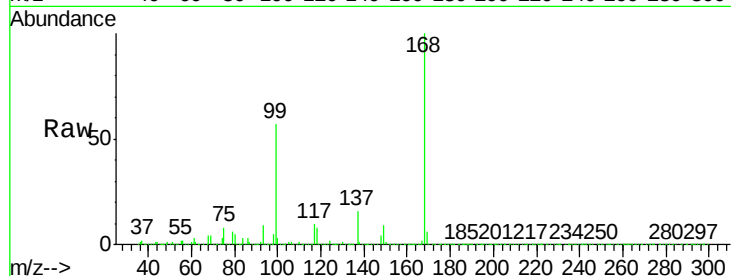
OILY-DEBRISMEDL

Tot Ion:168 Resp: 1076286

Ion Ratio Lower Upper

168 100

99 57.3 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

400000

300000

200000

100000

0

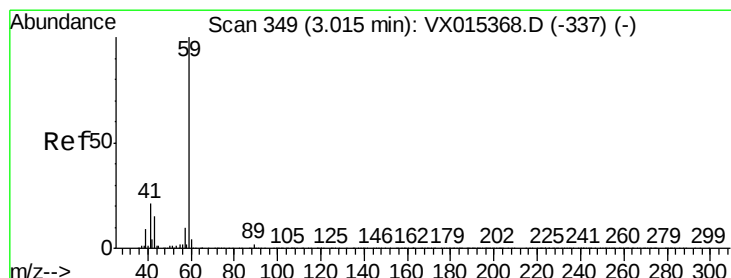
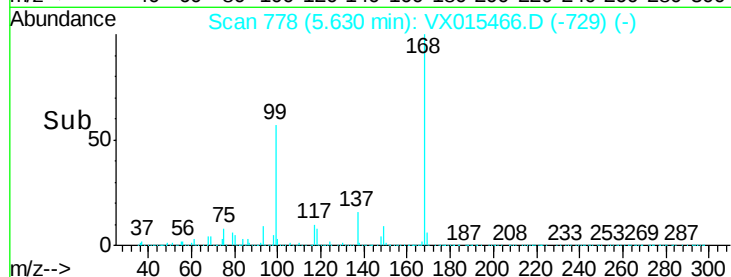
Time-->

5.50

5.60

5.70

5.80



#11

Tert butyl alcohol

Concen: 7.254 ug/l

RT: 2.99 min Scan# 345

Delta R.T. -0.02 min

Lab File: VX015466.D

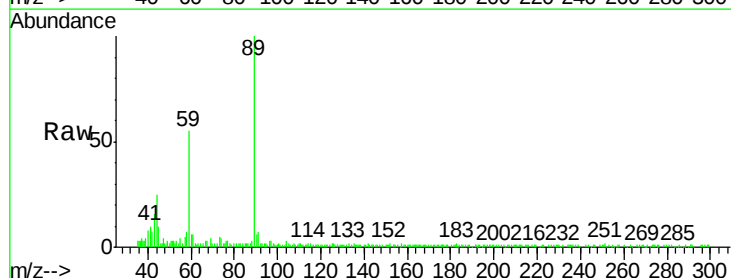
Acq: 01 Apr 2020 14:58

Tgt Ion: 59 Resp: 26358

Ion Ratio Lower Upper

59 100

57 0.0 8.1 12.1#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

2.99

10000

8000

6000

4000

2000

0

Time-->

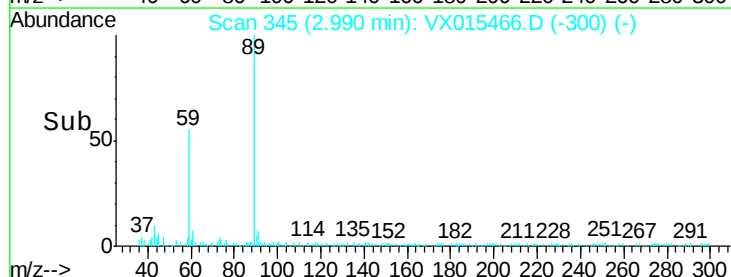
2.90

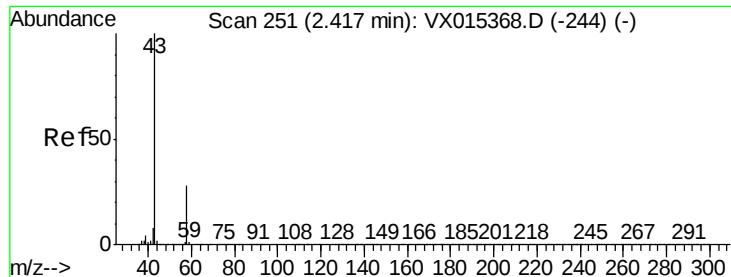
2.95

3.00

3.05

3.10

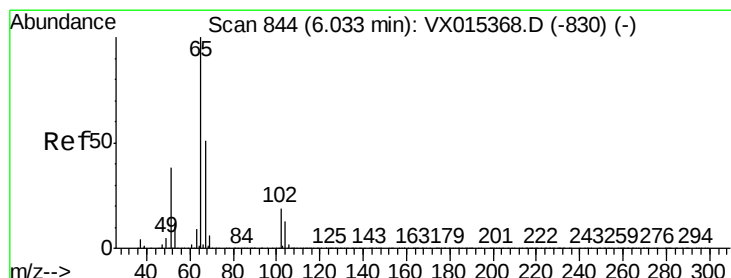
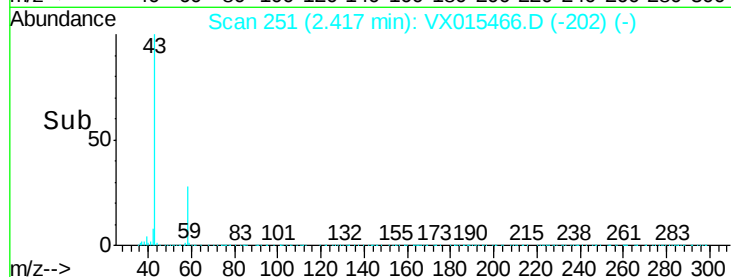
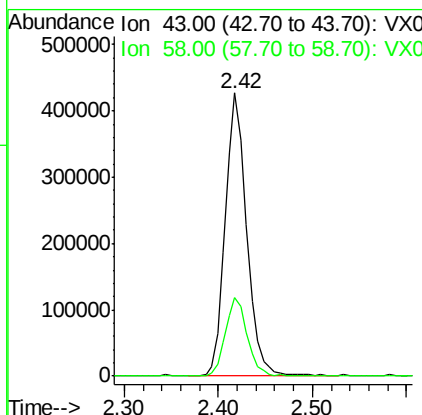
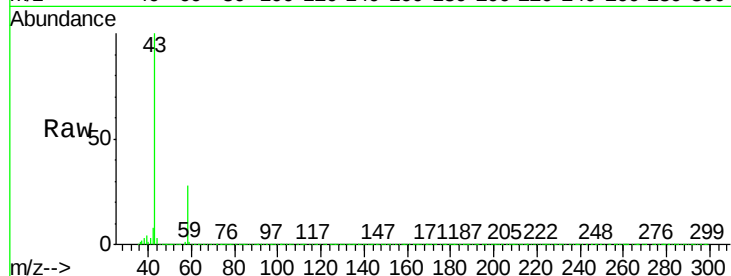




#16
Acetone
Concen: 102.345 ug/l
RT: 2.42 min Scan# 251
Delta R.T. 0.00 min
Lab File: VX015466.D
Acq: 01 Apr 2020 14:58

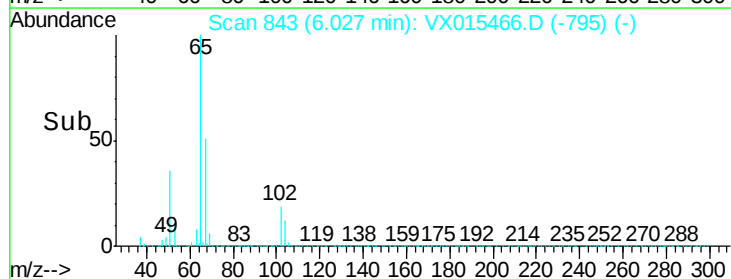
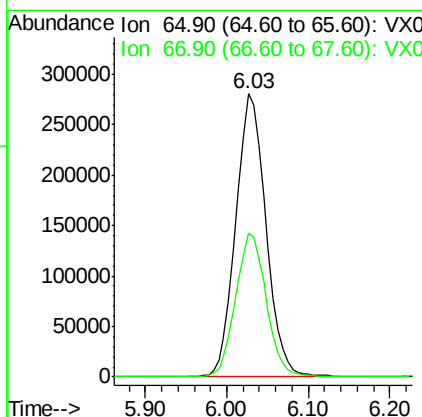
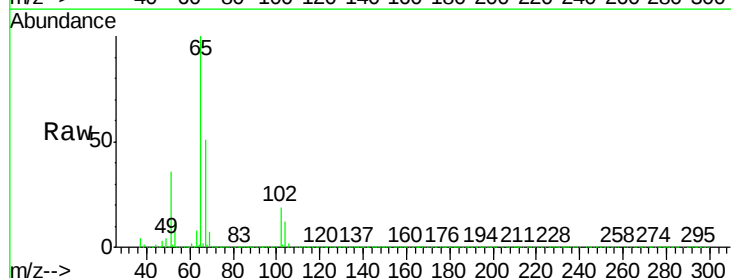
Instrument :
MSVOA_X
ClientSampleId :
OILY-DEBRISMEDL

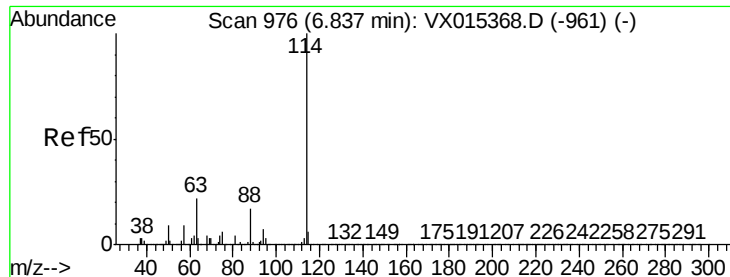
Tot Ion: 43 Resp: 667453
Ion Ratio Lower Upper
43 100
58 27.8 22.1 33.1



#33
1,2-Dichloroethane-d4
Concen: 47.321 ug/l
RT: 6.03 min Scan# 843
Delta R.T. -0.01 min
Lab File: VX015466.D
Acq: 01 Apr 2020 14:58

Tgt Ion: 65 Resp: 718327
Ion Ratio Lower Upper
65 100
67 50.9 0.0 102.6

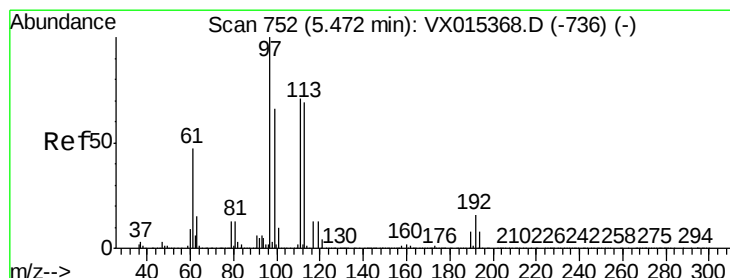
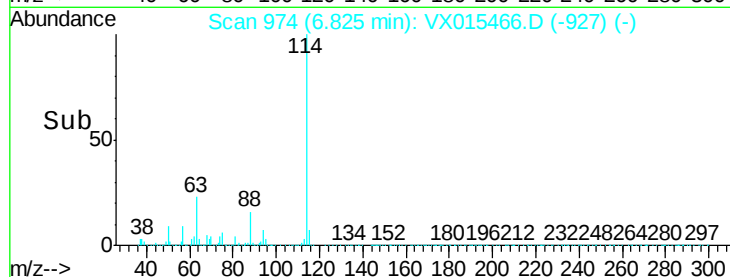
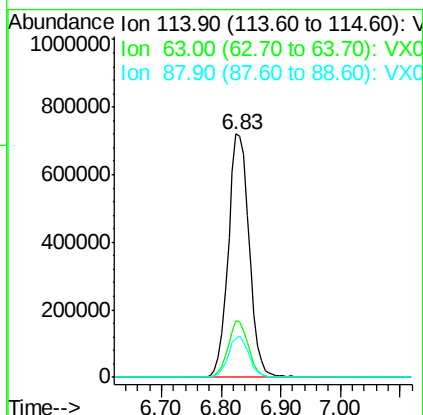
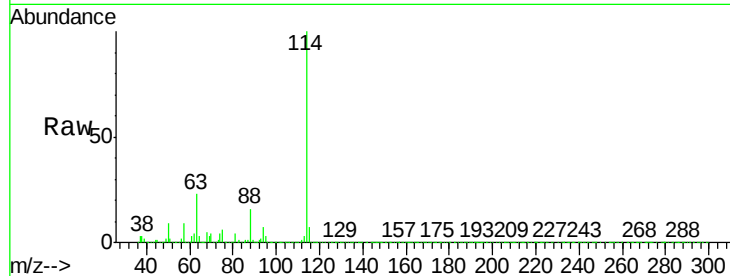




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 974
 Delta R.T. -0.01 min
 Lab File: VX015466.D
 Acq: 01 Apr 2020 14:58

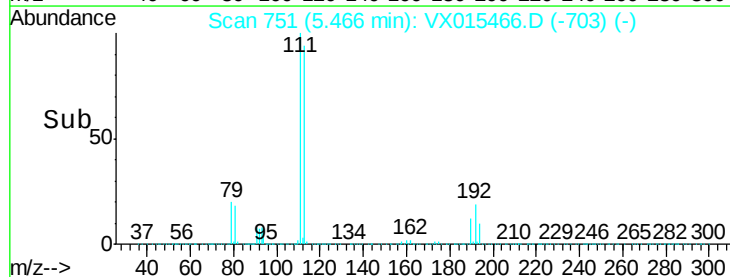
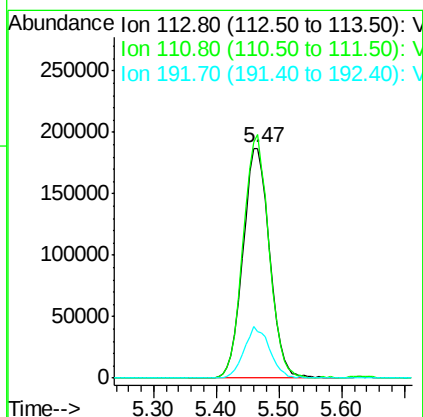
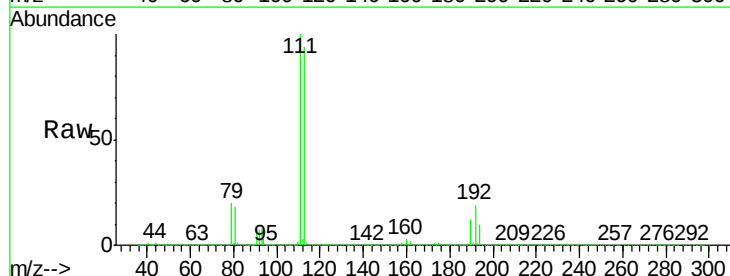
Instrument :
 MSVOA_X
 ClientSampleId :
 OILY-DEBRISMEDL

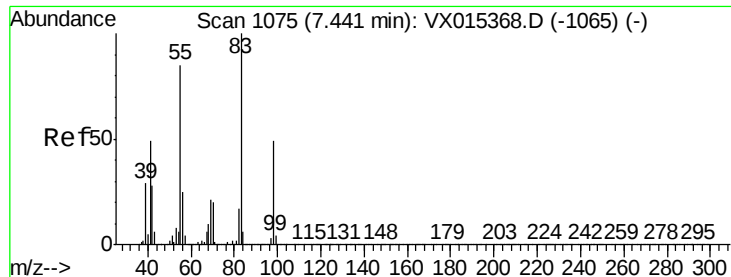
Tot Ion:114 Resp: 1752112
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 44.2
 88 15.8 0.0 33.8



#35
 Dibromofluoromethane
 Concen: 48.986 ug/l
 RT: 5.47 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: VX015466.D
 Acq: 01 Apr 2020 14:58

Tgt Ion:113 Resp: 548645
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.5 122.3
 192 21.6 17.8 26.6

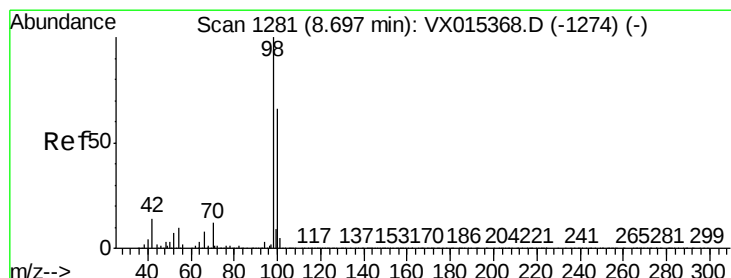
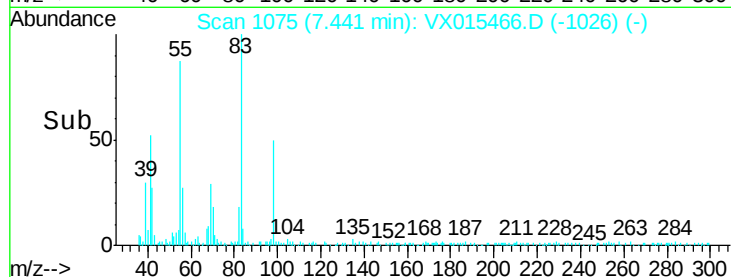
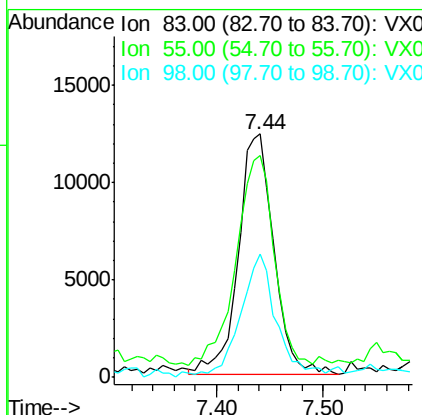
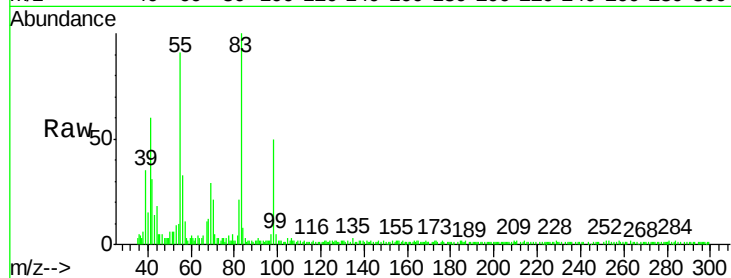




#39
Methvlcvclohexane
Concen: 1.542 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. 0.00 min
Lab File: VX015466.D
Acq: 01 Apr 2020 14:58

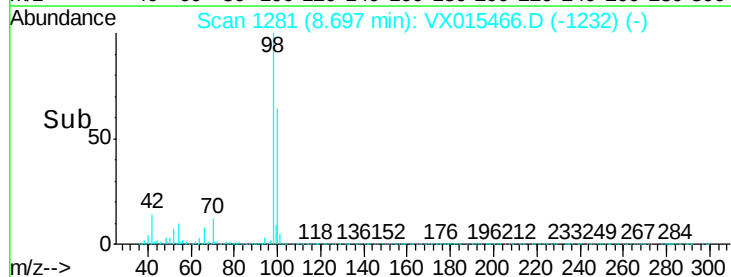
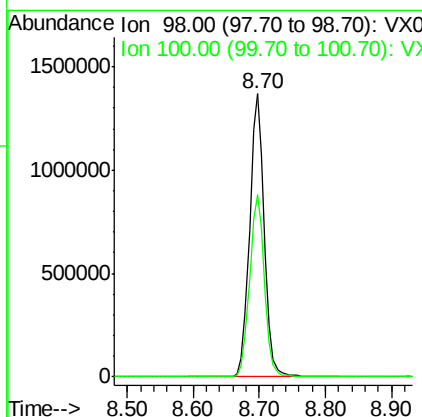
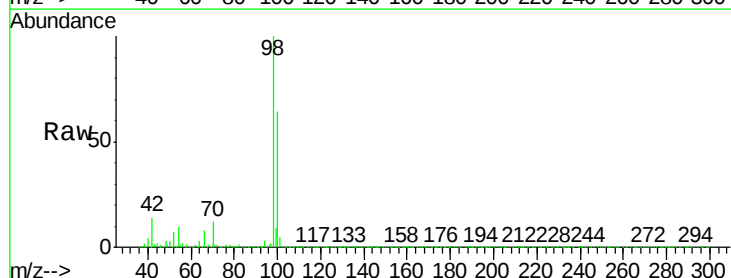
Instrument :
MSVOA_X
ClientSampleId :
OILY-DEBRISMEDL

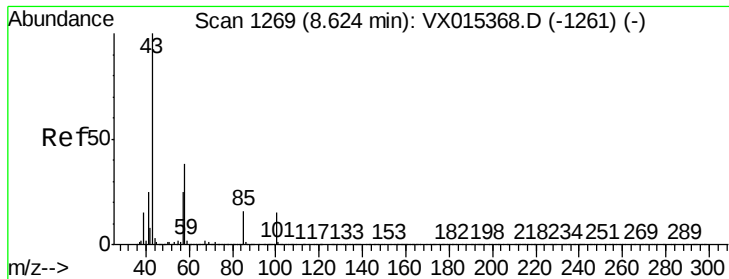
Tot Ion: 83 Resp: 28698
Ion Ratio Lower Upper
83 100
55 87.6 67.8 101.6
98 49.4 39.3 58.9



#50
Toluene-d8
Concen: 51.285 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VX015466.D
Acq: 01 Apr 2020 14:58

Tgt Ion: 98 Resp: 2114739
Ion Ratio Lower Upper
98 100
100 65.4 53.5 80.3





#51

4-Methyl-2-Pentanone

Concen: 0.858 ug/l

RT: 8.62 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VX015466.D

Acq: 01 Apr 2020 14:58

Instrument :

MSVOA_X

ClientSampleId :

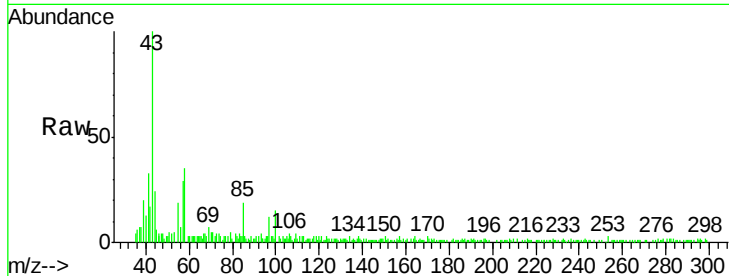
OILY-DEBRISMEDL

Tot Ion: 43 Resp: 17260

Ion Ratio Lower Upper

43 100

58 39.2 29.7 44.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

12000

10000

8000

6000

4000

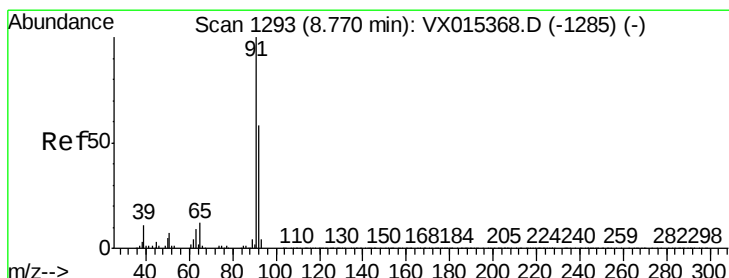
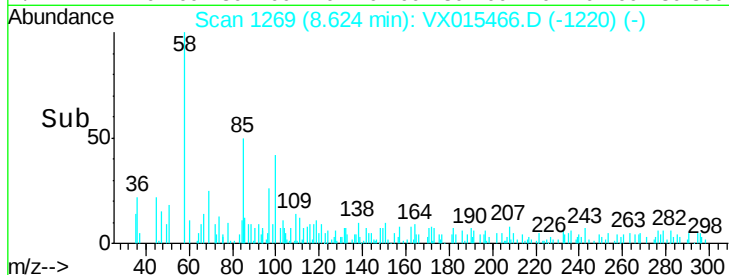
2000

0

8.60

8.65

Time-->



#52

Toluene

Concen: 17.567 ug/l

RT: 8.76 min Scan# 1292

Delta R.T. -0.01 min

Lab File: VX015466.D

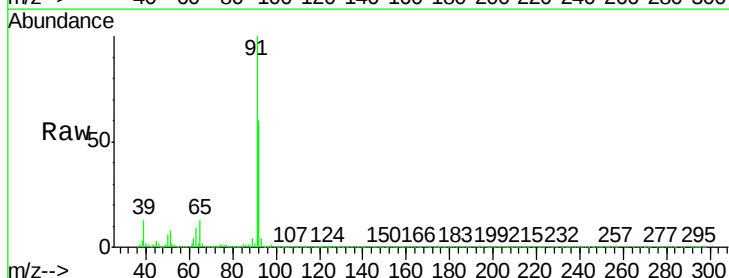
Acq: 01 Apr 2020 14:58

Tgt Ion: 92 Resp: 512156

Ion Ratio Lower Upper

92 100

91 171.2 136.6 205.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

600000

500000

400000

300000

200000

100000

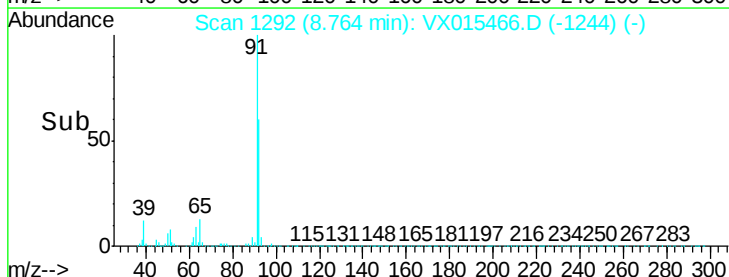
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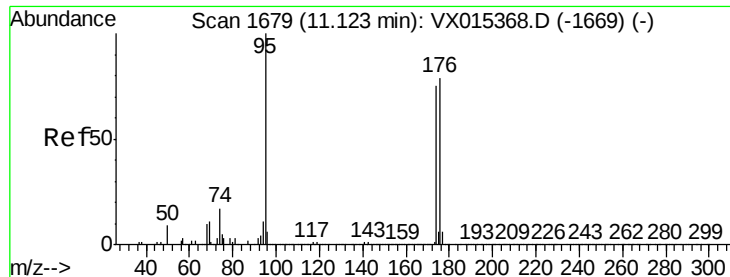
8.70

8.80

8.90

Time-->





#62

4-Bromofluorobenzene

Concen: 53.097 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015466.D

Acq: 01 Apr 2020 14:58

Instrument :

MSVOA_X

ClientSampleId :

OILY-DEBRISMEDL

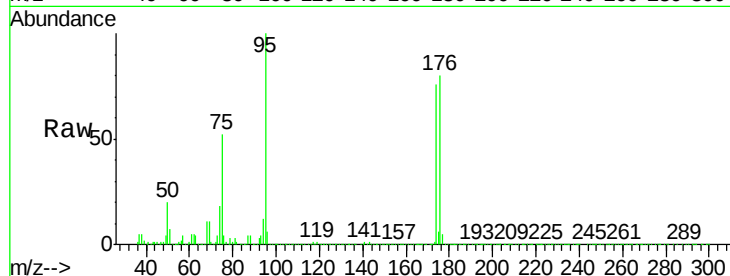
Tot Ion: 95 Resp: 889805

Ion Ratio Lower Upper

95 100

174 77.9 0.0 158.6

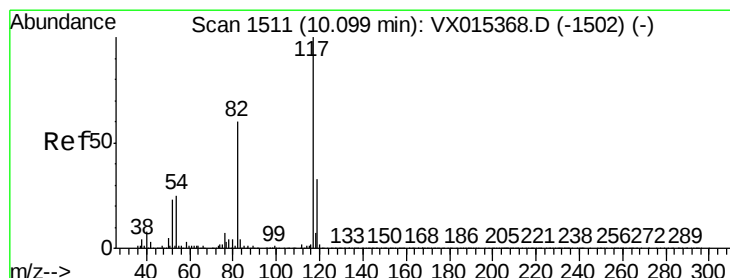
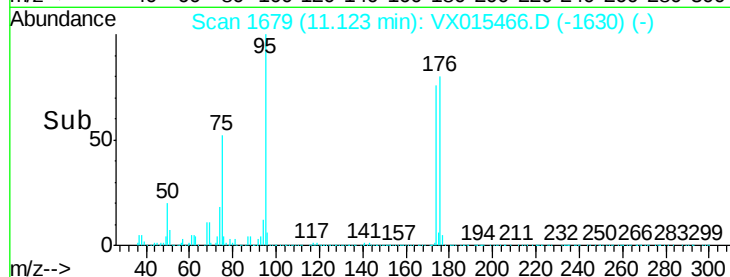
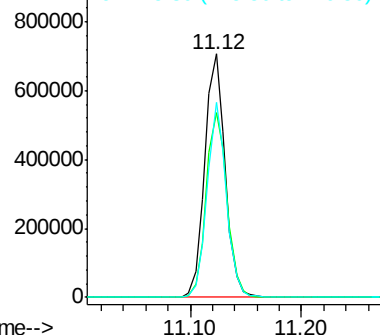
176 75.8 0.0 159.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1511

Delta R.T. 0.00 min

Lab File: VX015466.D

Acq: 01 Apr 2020 14:58

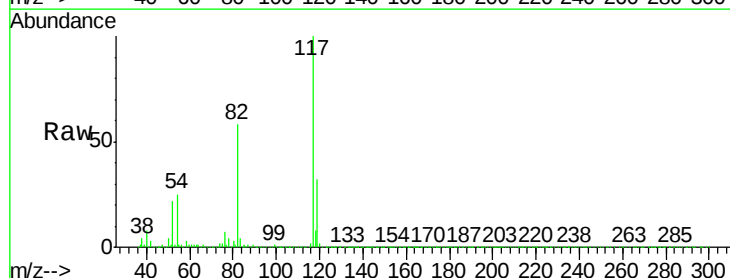
Tgt Ion: 117 Resp: 1635845

Ion Ratio Lower Upper

117 100

82 58.0 47.8 71.8

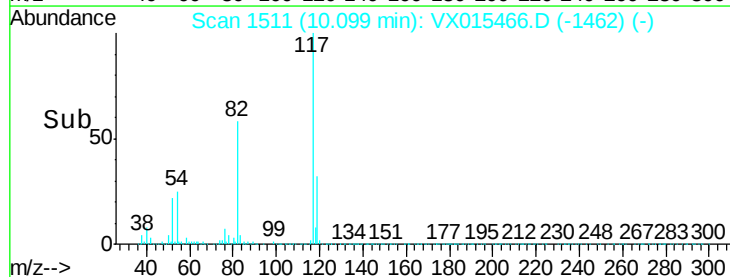
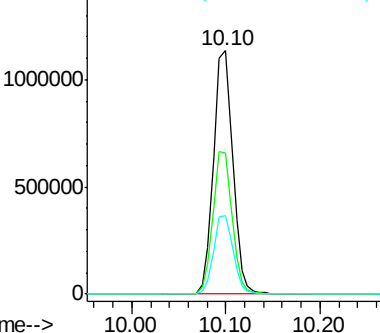
119 32.5 26.8 40.2

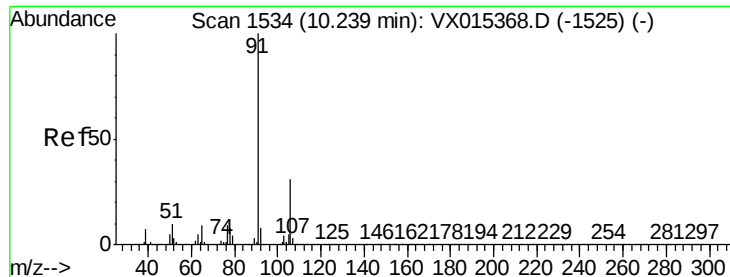


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#67

Ethyl Benzene

Concen: 2.004 ug/l

RT: 10.24 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VX015466.D

Acq: 01 Apr 2020 14:58

Instrument :

MSVOA_X

ClientSampleId :

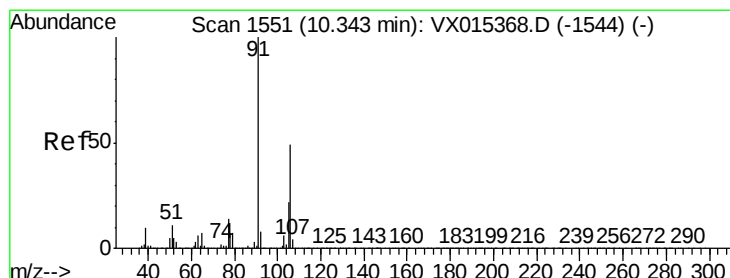
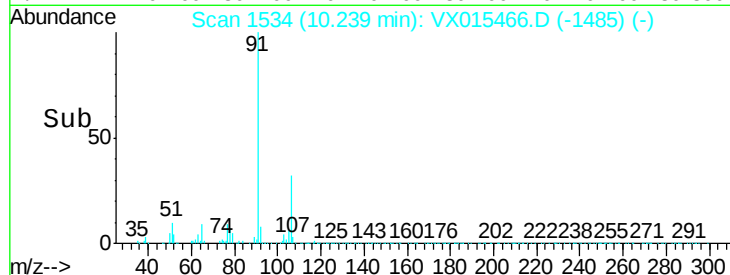
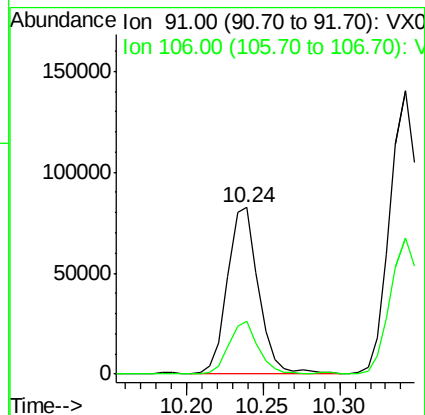
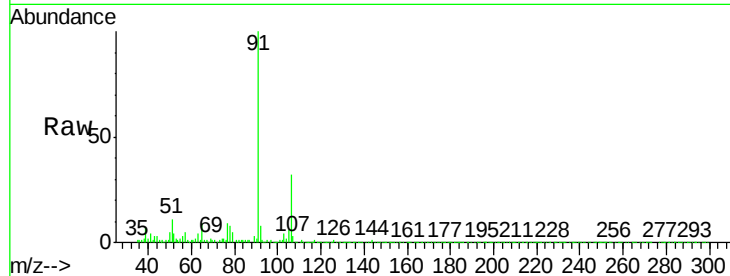
OILY-DEBRISMEDL

Tot Ion: 91 Resp: 115961

Ion Ratio Lower Upper

91 100

106 31.6 24.8 37.2



#68

m/p-Xylenes

Concen: 4.355 ug/l

RT: 10.34 min Scan# 1551

Delta R.T. 0.00 min

Lab File: VX015466.D

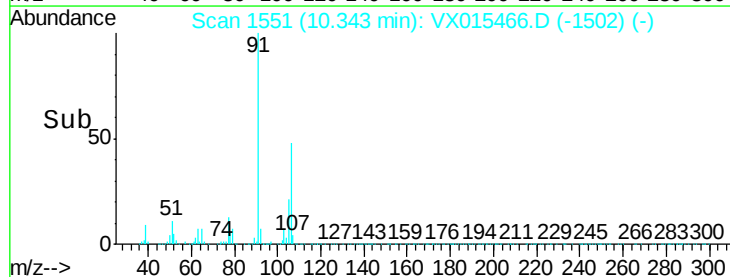
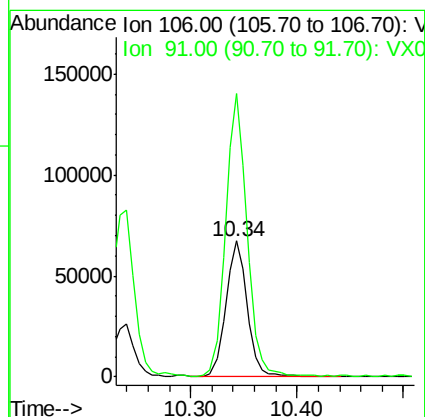
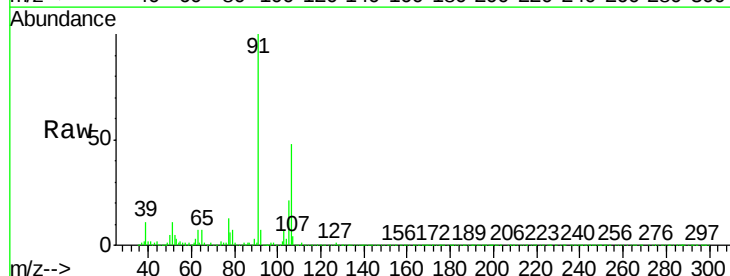
Acq: 01 Apr 2020 14:58

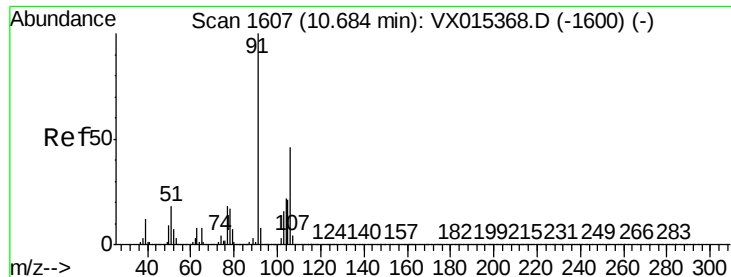
Tgt Ion: 106 Resp: 93827

Ion Ratio Lower Upper

106 100

91 208.8 163.4 245.0

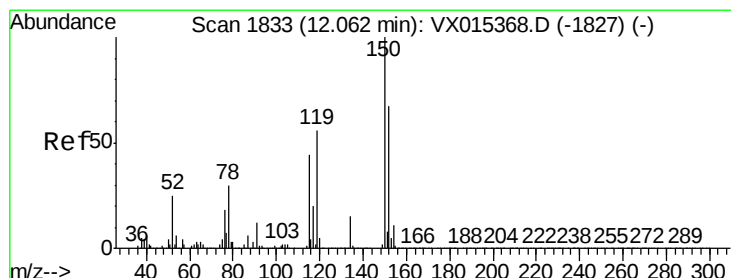
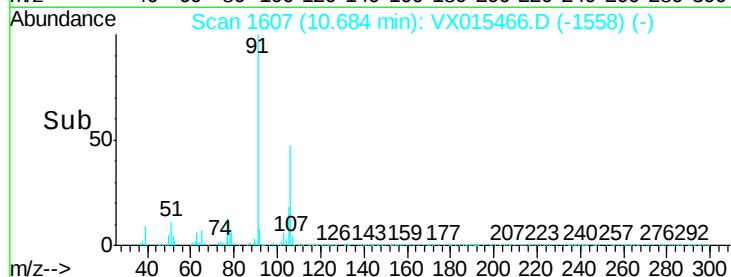
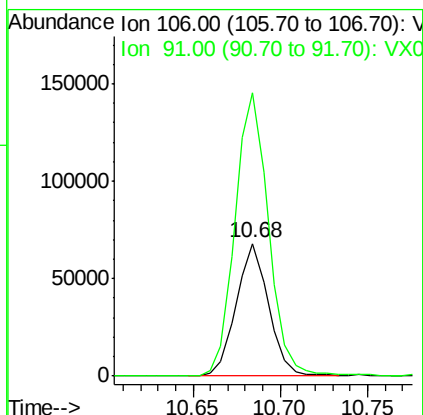
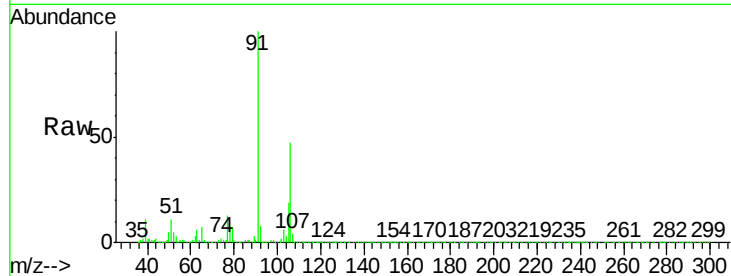




#69
o-Xylene
Concen: 4.135 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015466.D
Acq: 01 Apr 2020 14:58

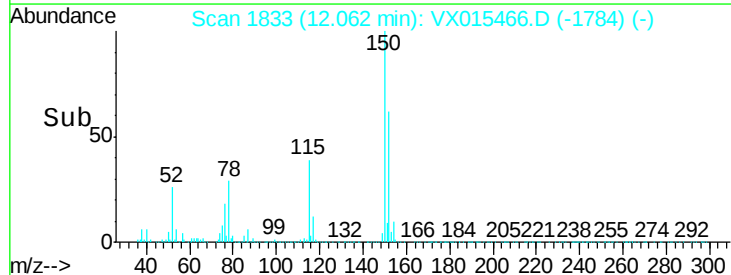
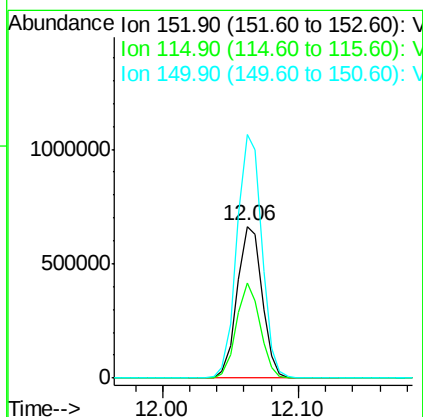
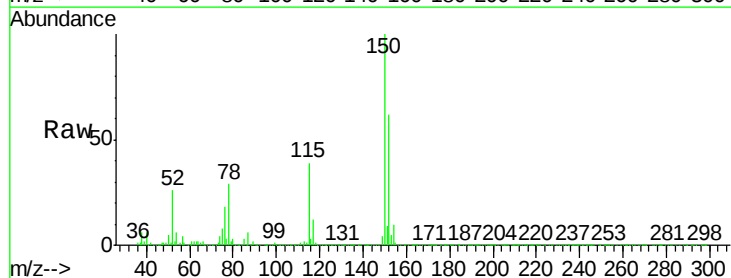
Instrument :
MSVOA_X
ClientSampleId :
OILY-DEBRISMEDL

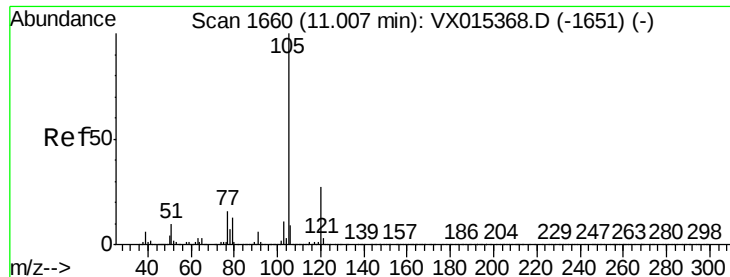
Tot Ion:106 Resp: 88033
Ion Ratio Lower Upper
106 100
91 217.8 107.1 321.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX015466.D
Acq: 01 Apr 2020 14:58

Tgt Ion:152 Resp: 847897
Ion Ratio Lower Upper
152 100
115 59.2 39.0 116.9
150 159.5 0.0 340.8





#73

Isopropylbenzene

Concen: 0.341 ug/l

RT: 11.01 min Scan# 1660

Delta R.T. 0.00 min

Lab File: VX015466.D

Acq: 01 Apr 2020 14:58

Instrument :

MSVOA_X

ClientSampleId :

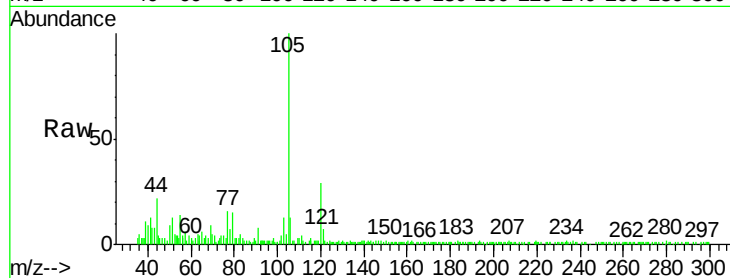
OILY-DEBRISMEDL

Tot Ion: 105 Resp: 18930

Ion Ratio Lower Upper

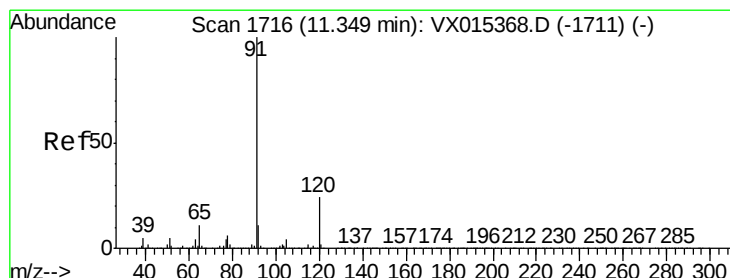
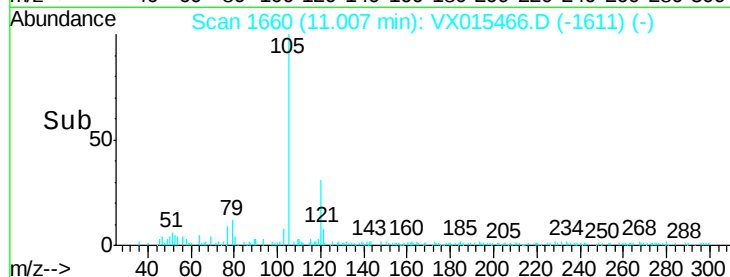
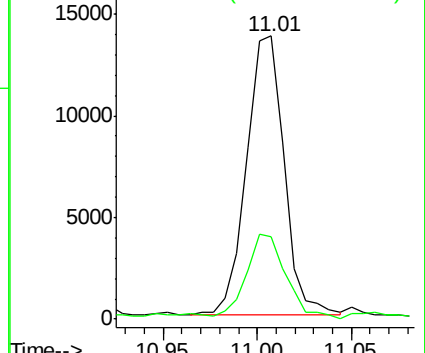
105 100

120 32.4 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#78

n-propylbenzene

Concen: 0.918 ug/l

RT: 11.35 min Scan# 1716

Delta R.T. 0.00 min

Lab File: VX015466.D

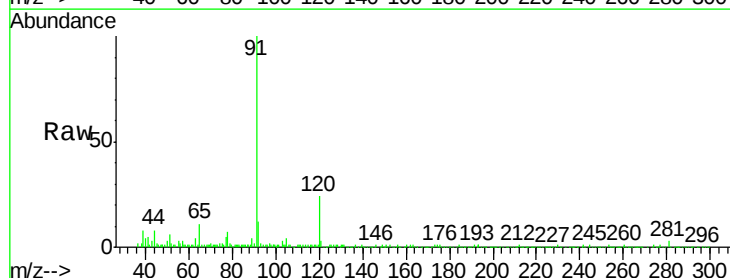
Acq: 01 Apr 2020 14:58

Tgt Ion: 91 Resp: 58345

Ion Ratio Lower Upper

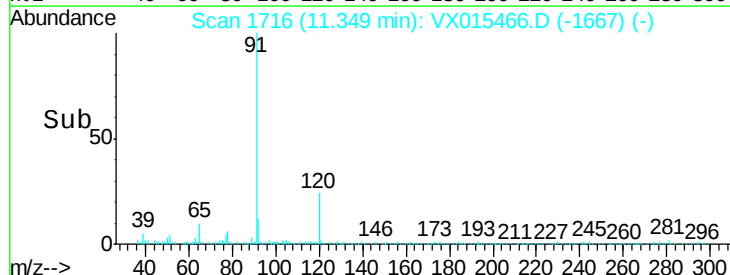
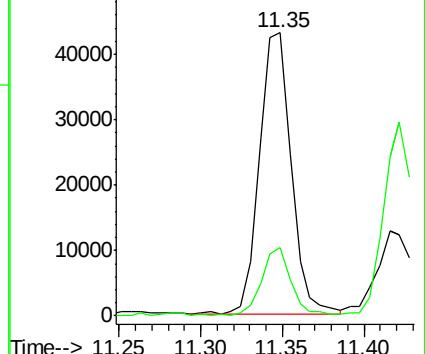
91 100

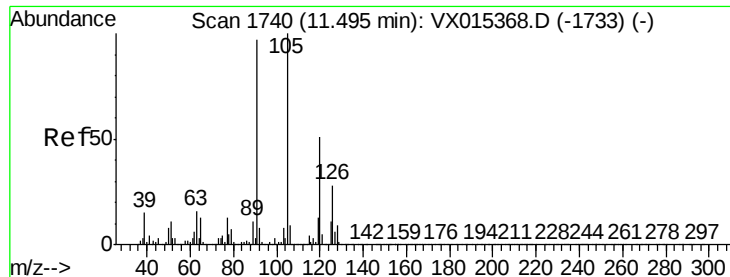
120 21.7 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



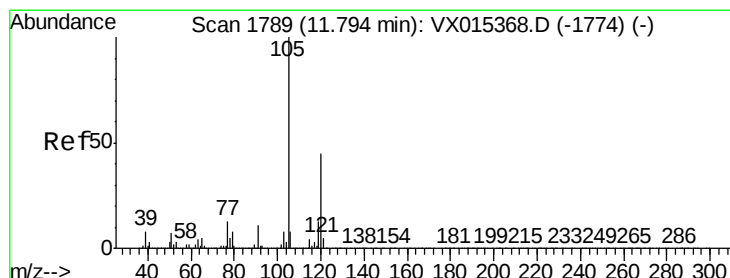
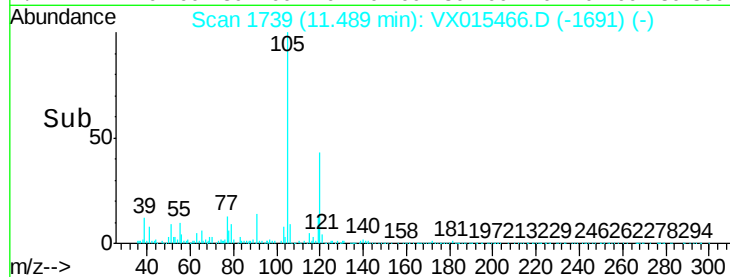
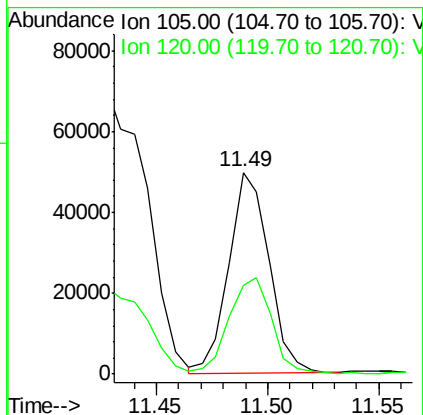
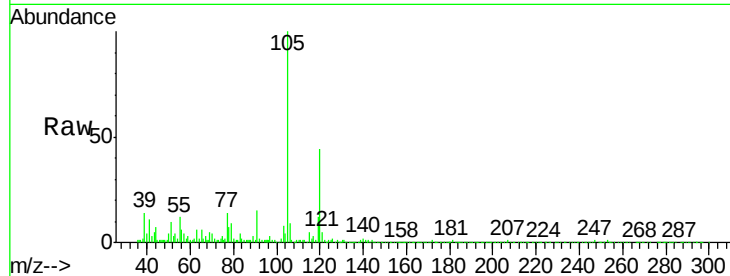


#80

1,3,5-Trimethylbenzene
Concen: 1.308 ug/l
RT: 11.49 min Scan# 1739
Delta R.T. -0.01 min
Lab File: VX015466.D
Acq: 01 Apr 2020 14:58

Instrument :
MSVOA_X
ClientSampleId :
OILY-DEBRISMEDL

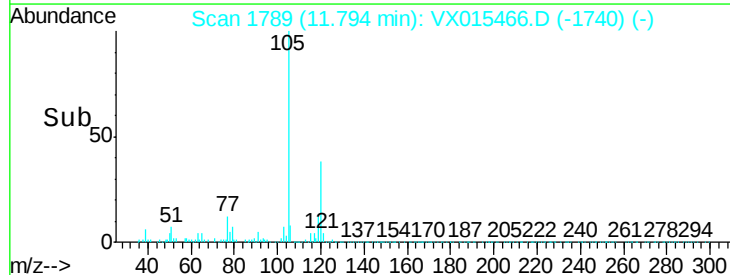
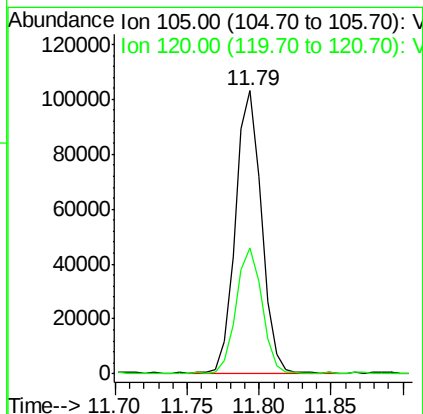
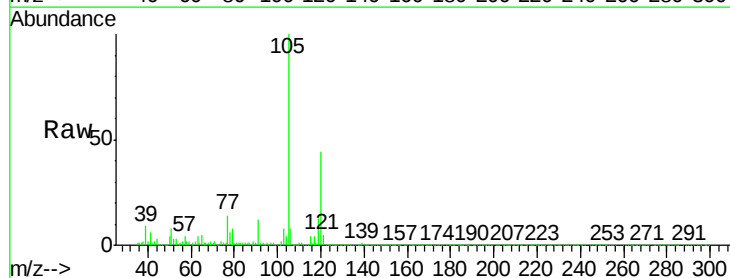
Tot Ion:105 Resp: 62080
Ion Ratio Lower Upper
105 100
120 51.8 24.8 74.4

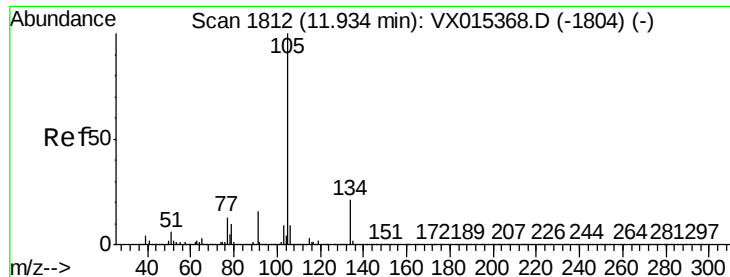


#84

1,2,4-Trimethylbenzene
Concen: 2.706 ug/l
RT: 11.79 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX015466.D
Acq: 01 Apr 2020 14:58

Tgt Ion:105 Resp: 130821
Ion Ratio Lower Upper
105 100
120 44.7 22.7 68.1





#85

sec-Butylbenzene

Concen: 0.267 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VX015466.D

Acq: 01 Apr 2020 14:58

Instrument :

MSVOA_X

ClientSampleId :

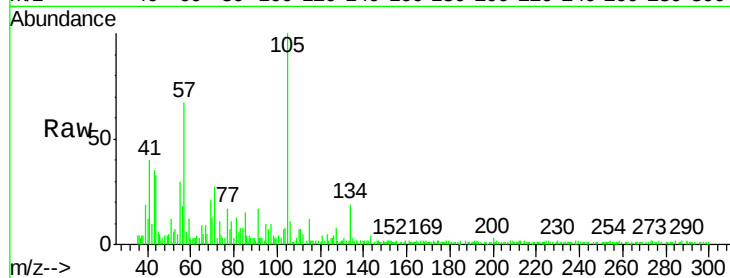
OILY-DEBRISMEDL

Tot Ion:105 Resp: 14316

Ion Ratio Lower Upper

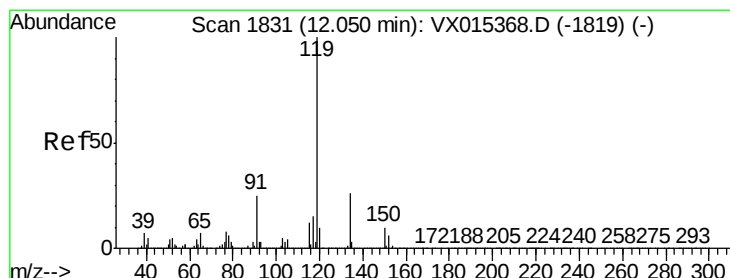
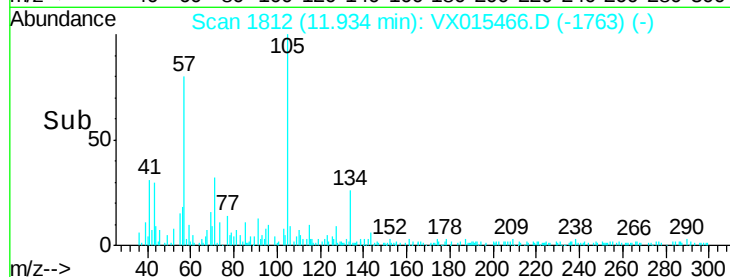
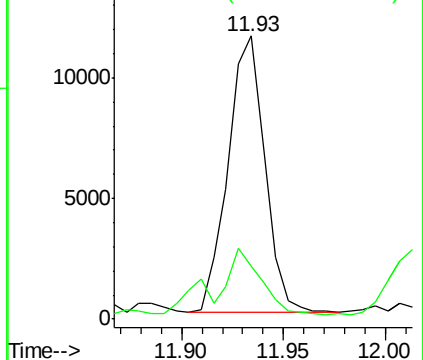
105 100

134 24.9 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 0.253 ug/l m

RT: 12.05 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VX015466.D

Acq: 01 Apr 2020 14:58

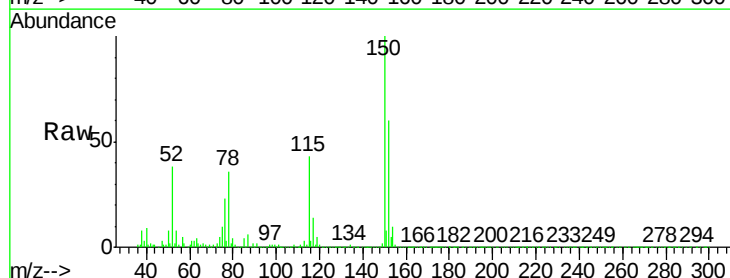
Tgt Ion:119 Resp: 12613

Ion Ratio Lower Upper

119 100

134 29.8 13.1 39.3

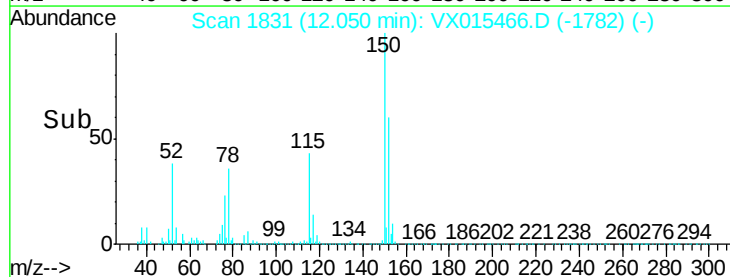
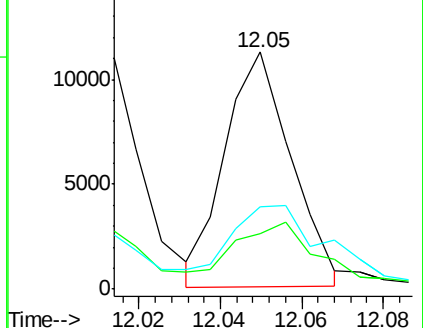
91 28.8 12.4 37.4

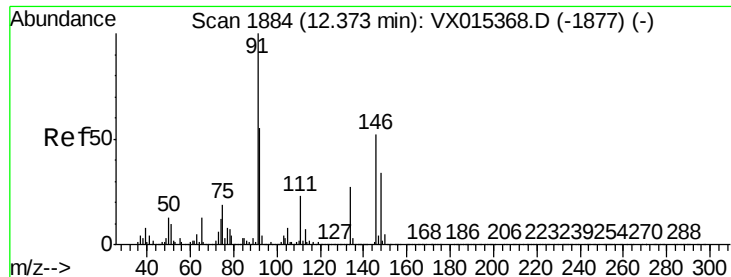


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#89

n-Butylbenzene

Concen: 0.782 ug/l m

RT: 12.37 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX015466.D

Acq: 01 Apr 2020 14:58

Instrument :

MSVOA_X

ClientSampleId :

OILY-DEBRISMEDL

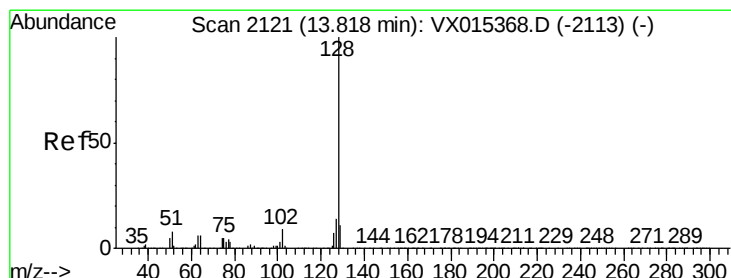
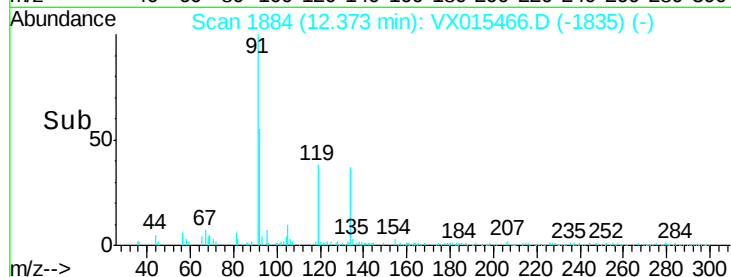
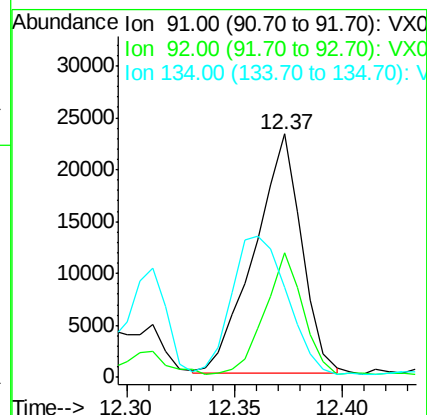
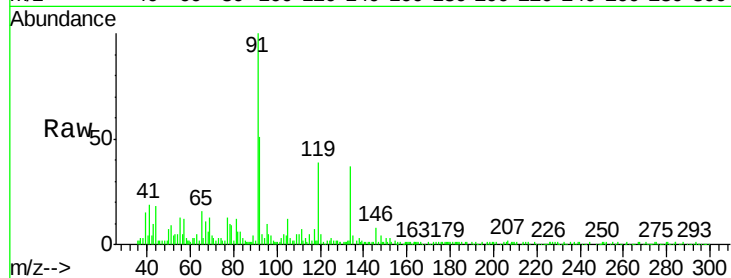
Tot Ion: 91 Resp: 35147

Ion Ratio Lower Upper

91 100

92 0.0 27.2 81.5#

134 0.0 13.4 40.2#



#95

Naphthalene

Concen: 0.858 ug/l

RT: 13.82 min Scan# 2121

Delta R.T. 0.00 min

Lab File: VX015466.D

Acq: 01 Apr 2020 14:58

Tgt Ion: 128 Resp: 53744

Ion Ratio Lower Upper

128 100

127 0.0 10.6 15.8#

129 12.9 8.8 13.2

