

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062719\
 Data File : VX010521.D
 Acq On : 28 Jun 2019 05:44
 Operator : JC/SP
 Sample : K3529-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OIL-WATER-SEPERATOR-SEDIME

Quant Time: Jun 28 08:26:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	244465	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	373958	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	342150	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	170110	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	116652	50.89	ug/l	0.00
Spiked Amount			Recovery	=	101.78%	
35) Dibromofluoromethane	5.50	113	112973	49.38	ug/l	0.00
Spiked Amount			Recovery	=	98.76%	
50) Toluene-d8	8.71	98	445496	50.89	ug/l	0.00
Spiked Amount			Recovery	=	101.78%	
62) 4-Bromofluorobenzene	11.13	95	152482	48.25	ug/l	0.00
Spiked Amount			Recovery	=	96.50%	

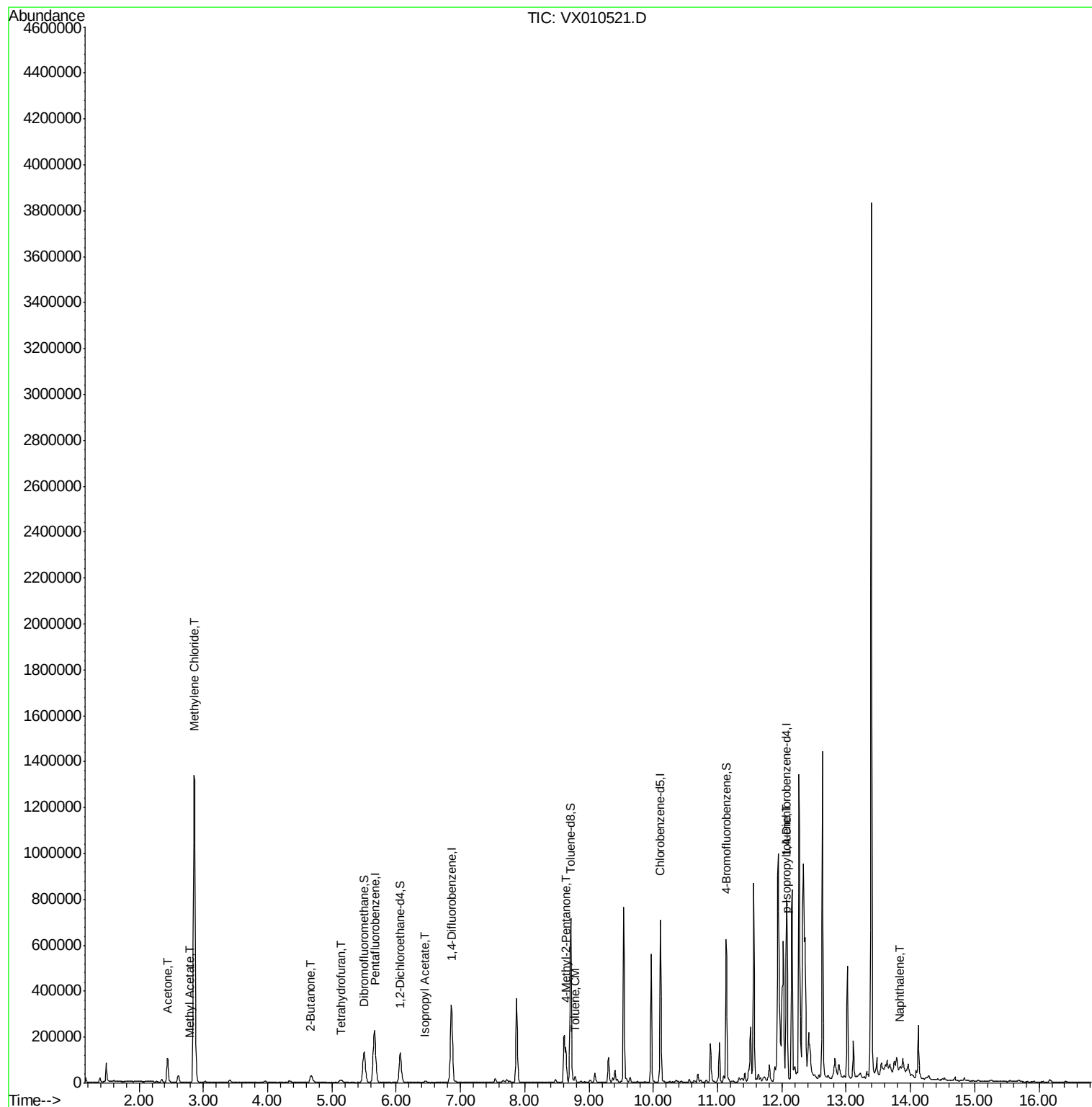
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.44	43	110006	95.763	ug/l	99
18) Methyl Acetate	2.78	43	2915	1.273	ug/l #	86
20) Methylene Chloride	2.85	84	686161	290.251	ug/l	99
25) 2-Butanone	4.67	43	49397	29.315	ug/l	99
29) Tetrahydrofuran	5.14	42	6908	6.619	ug/l #	43
43) Isopropyl Acetate	6.45	43	8098	1.601	ug/l	95
51) 4-Methyl-2-Pentanone	8.64	43	67057	20.729	ug/l #	77
52) Toluene	8.78	92	8283	1.359	ug/l	96
86) p-Isopropyltoluene	12.06	119	74615	7.201	ug/l	98
95) Naphthalene	13.83	128	14379	1.208	ug/l #	94

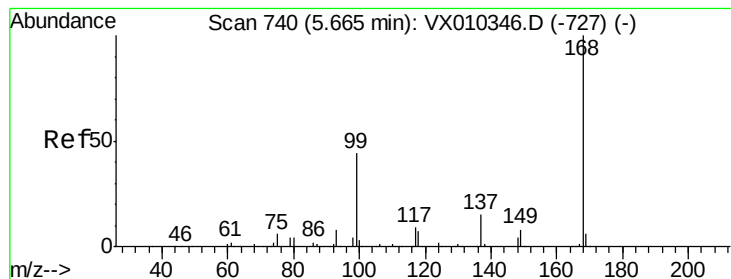
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX062719\
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Quant Time: Jun 28 08:26:52 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
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: VX010521.D

Acq: 28 Jun 2019 05:44

Instrument :

MSVOA_X

ClientSampleId :

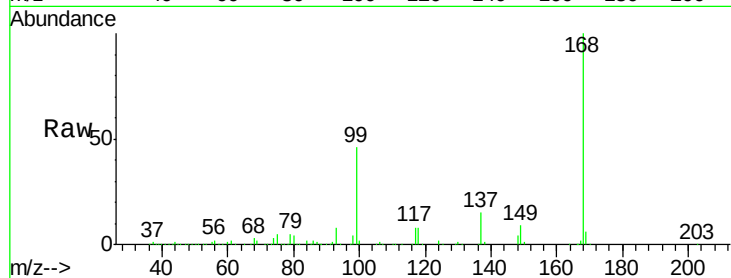
OIL-WATER-SEPARATOR-SEDIME

Tot Ion:168 Resp: 244465

Ion Ratio Lower Upper

168 100

99 45.4 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

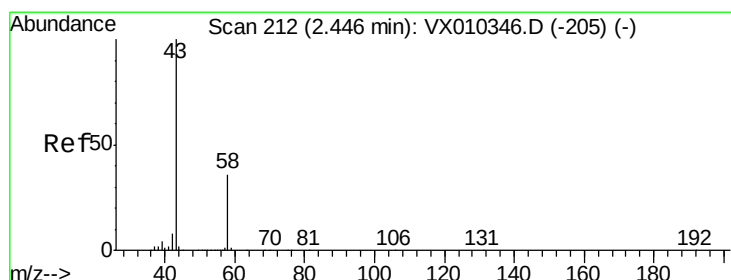
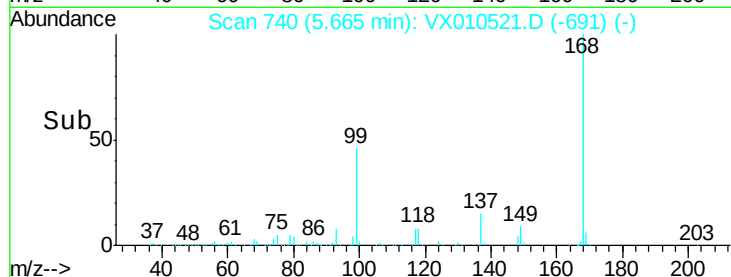
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 95.763 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010521.D

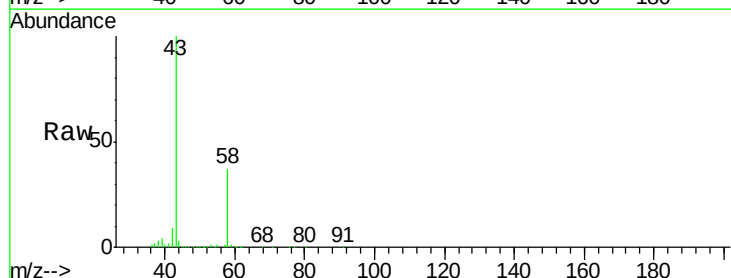
Acq: 28 Jun 2019 05:44

Tgt Ion: 43 Resp: 110006

Ion Ratio Lower Upper

43 100

58 36.5 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

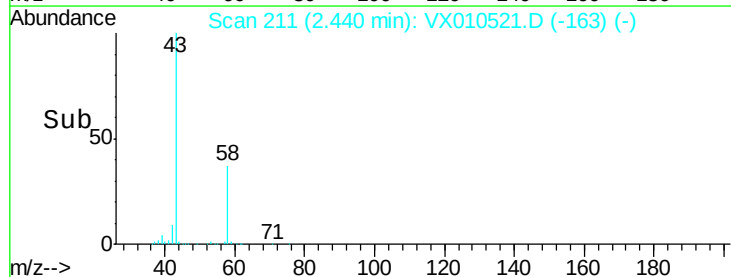
60000

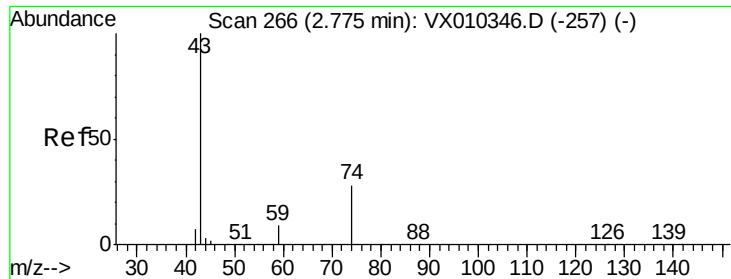
40000

20000

0

Time--> 2.35 2.40 2.45 2.50 2.55

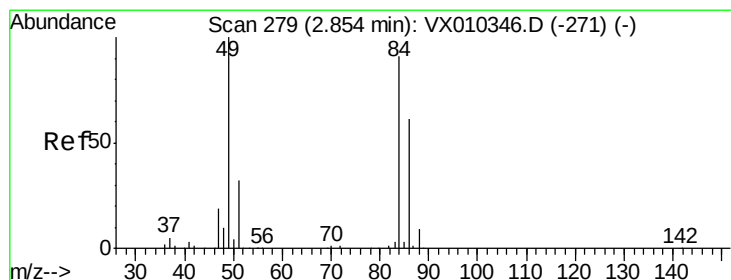
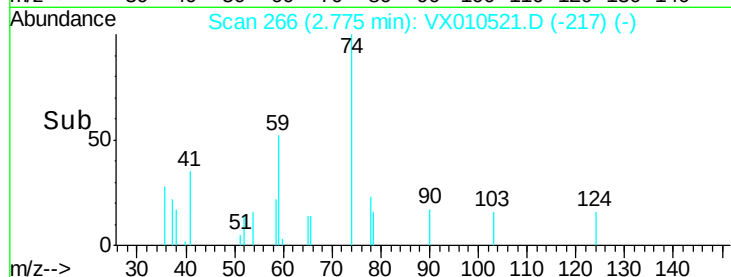
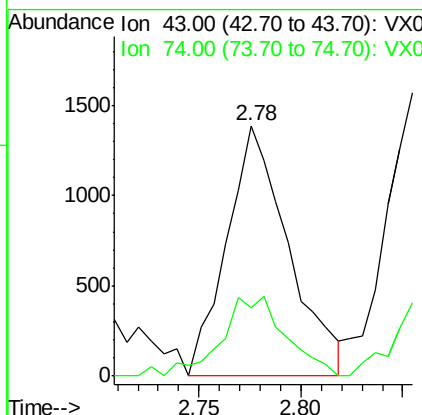
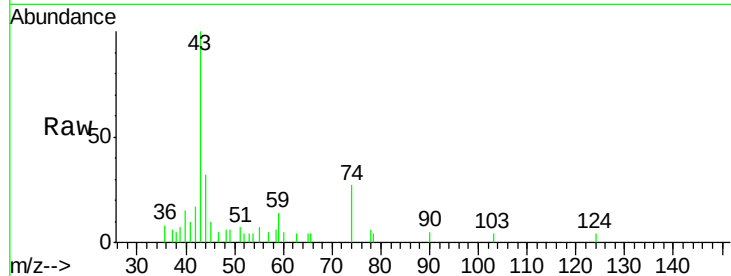




#18
Methvl Acetate
Concen: 1.273 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX010521.D
Acq: 28 Jun 2019 05:44

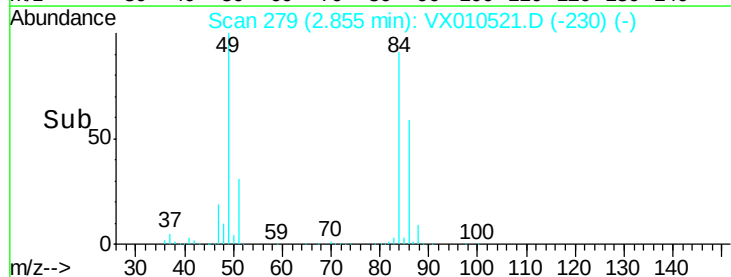
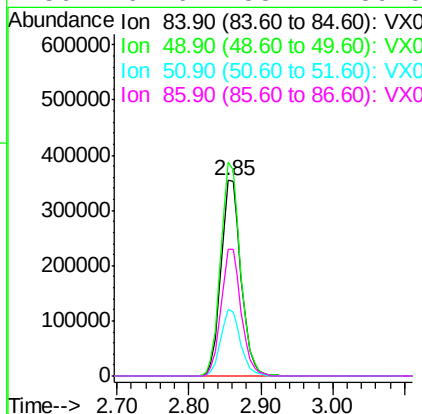
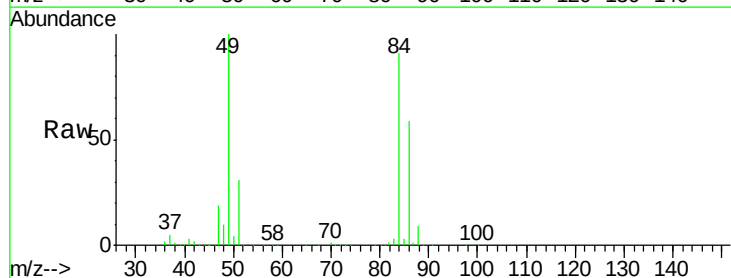
Instrument :
MSVOA_X
ClientSampleId :
OIL-WATER-SEPARATOR-SEDIME

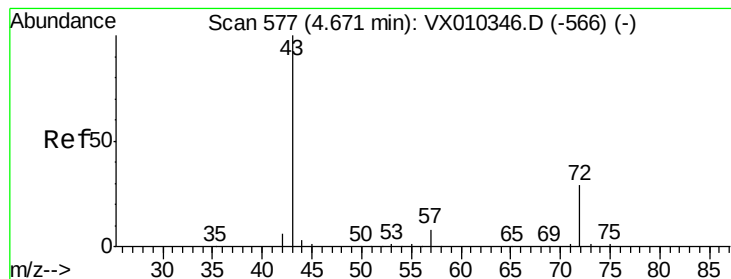
Tot Ion: 43 Resp: 2915
Ion Ratio Lower Upper
43 100
74 33.7 21.3 31.9#



#20
Methylene Chloride
Concen: 290.251 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010521.D
Acq: 28 Jun 2019 05:44

Tgt Ion: 84 Resp: 686161
Ion Ratio Lower Upper
84 100
49 109.2 87.5 131.3
51 33.8 27.7 41.5
86 64.6 53.4 80.0





#25

2-Butanone

Concen: 29.315 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX010521.D

Acq: 28 Jun 2019 05:44

Instrument :

MSVOA_X

ClientSampleId :

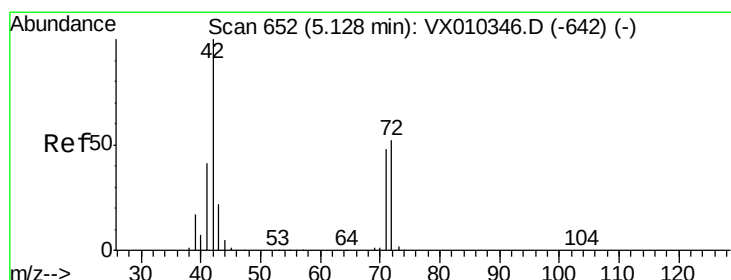
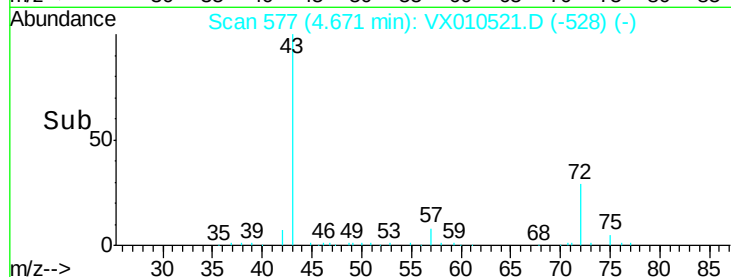
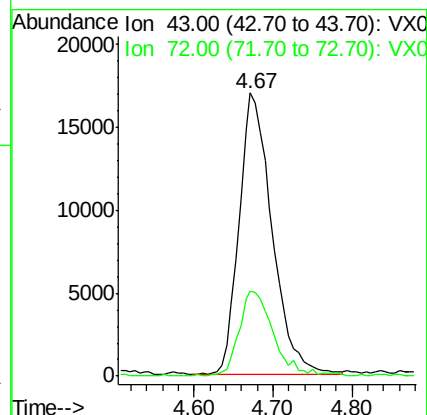
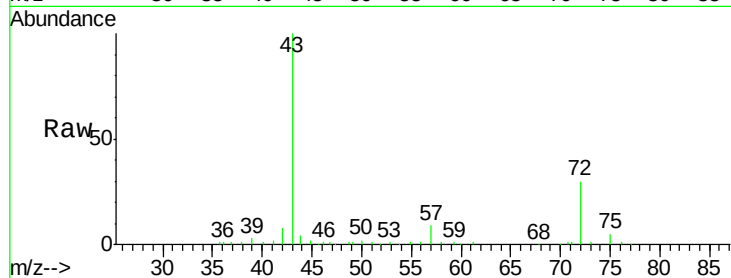
OIL-WATER-SEPARATOR-SEDIME

Tot Ion: 43 Resp: 49397

Ion Ratio Lower Upper

43 100

72 29.9 23.3 34.9



#29

Tetrahydrofuran

Concen: 6.619 ug/l

RT: 5.14 min Scan# 654

Delta R.T. 0.01 min

Lab File: VX010521.D

Acq: 28 Jun 2019 05:44

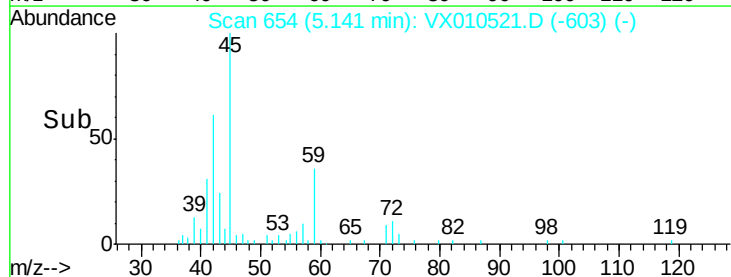
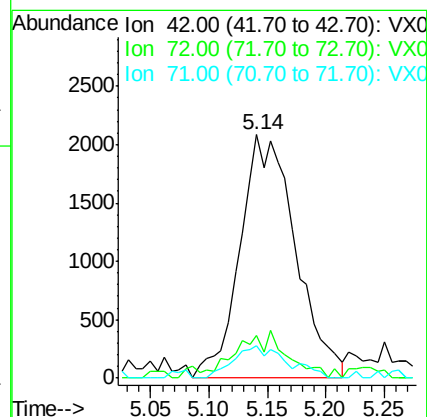
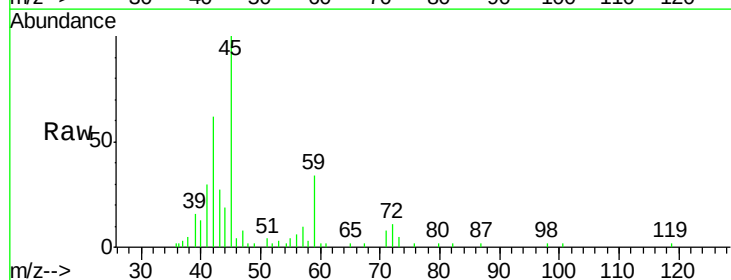
Tgt Ion: 42 Resp: 6908

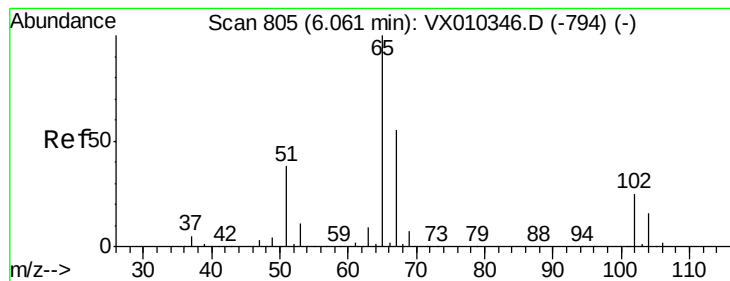
Ion Ratio Lower Upper

42 100

72 7.3 40.6 60.8#

71 12.8 37.8 56.8#





#33

1,2-Dichloroethane-d4

Concen: 50.893 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010521.D

Acq: 28 Jun 2019 05:44

Instrument :

MSVOA_X

ClientSampleId :

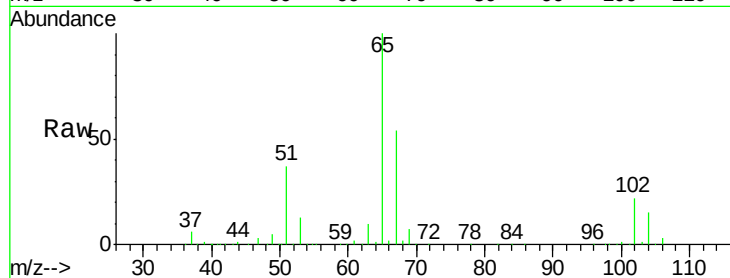
OIL-WATER-SEPARATOR-SEDIME

Tot Ion: 65 Resp: 116652

Ion Ratio Lower Upper

65 100

67 53.7 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

30000

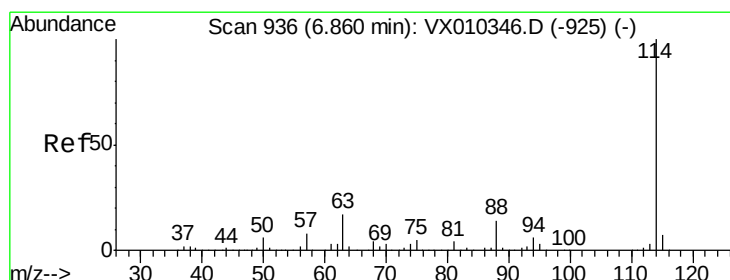
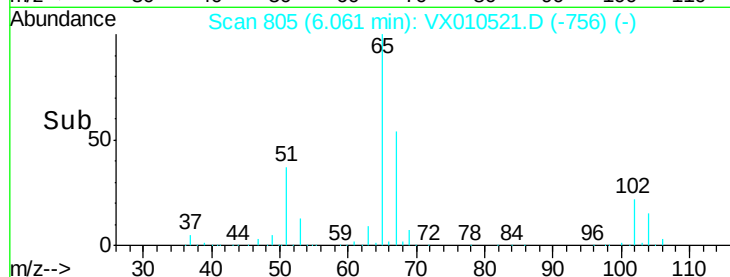
20000

10000

0

Time-->

5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010521.D

Acq: 28 Jun 2019 05:44

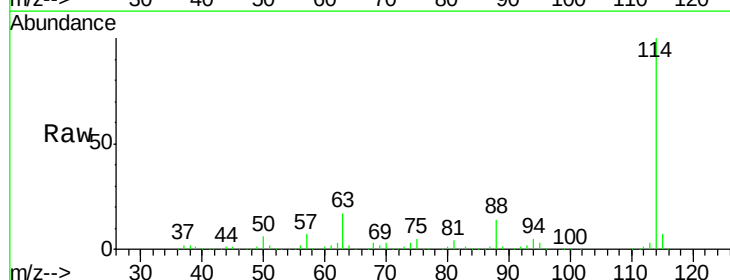
Tgt Ion: 114 Resp: 373958

Ion Ratio Lower Upper

114 100

63 16.7 0.0 33.8

88 14.4 0.0 27.6



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

200000

150000

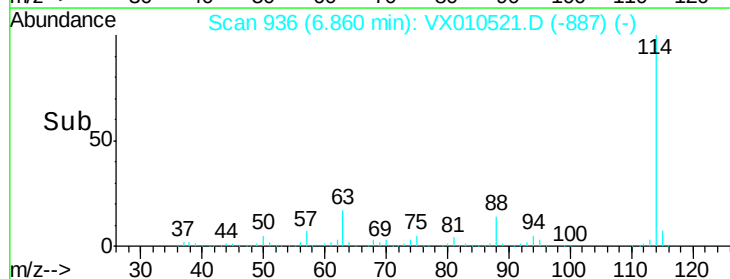
100000

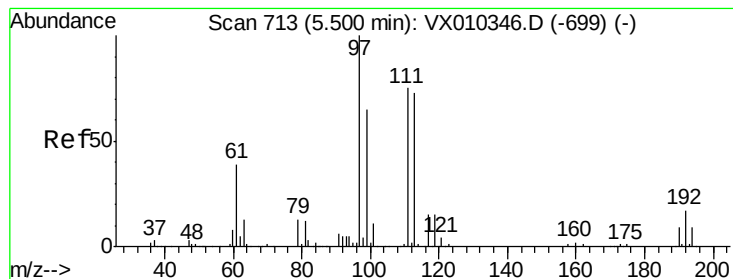
50000

0

Time-->

6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 49.376 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010521.D

Acq: 28 Jun 2019 05:44

Instrument :

MSVOA_X

ClientSampleId :

OIL-WATER-SEPARATOR-SEDIME

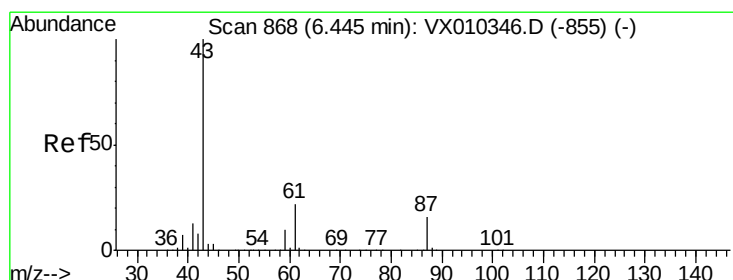
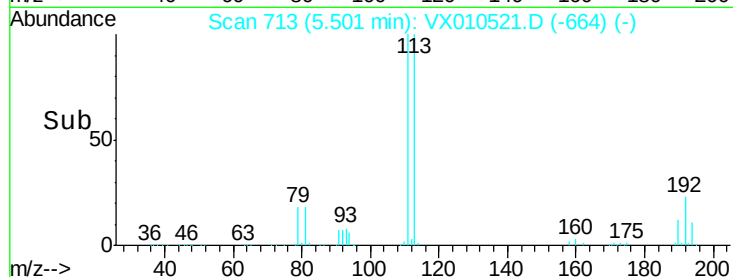
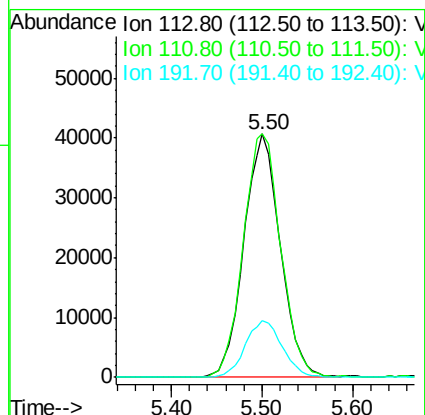
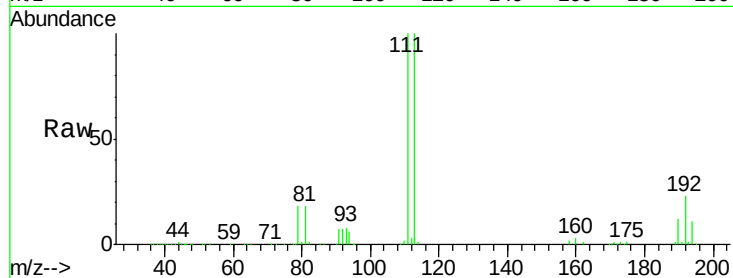
Tot Ion:113 Resp: 112973

Ion Ratio Lower Upper

113 100

111 103.0 81.2 121.8

192 23.6 18.6 27.8



#43

Isopropyl Acetate

Concen: 1.601 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX010521.D

Acq: 28 Jun 2019 05:44

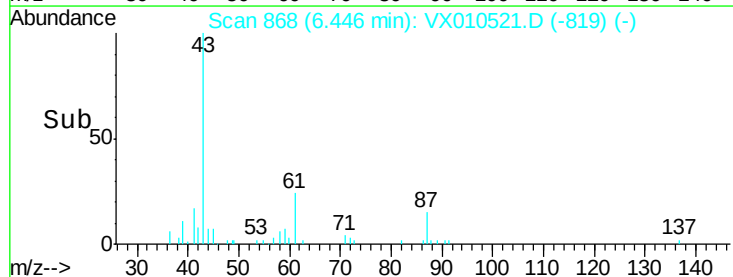
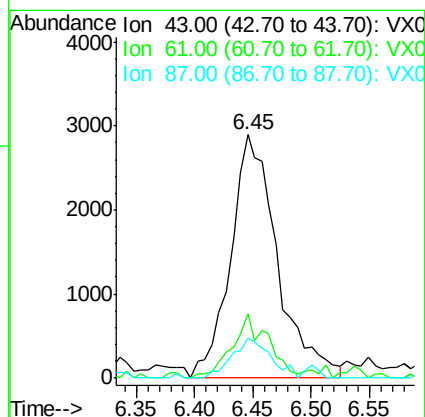
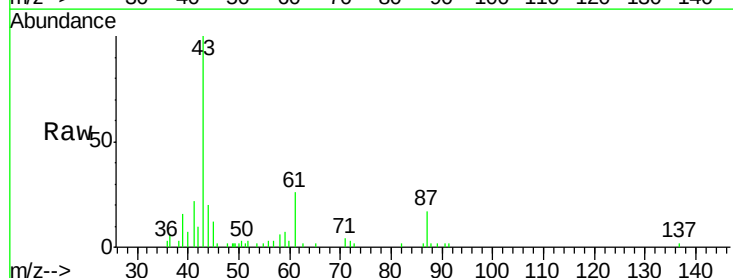
Tgt Ion: 43 Resp: 8098

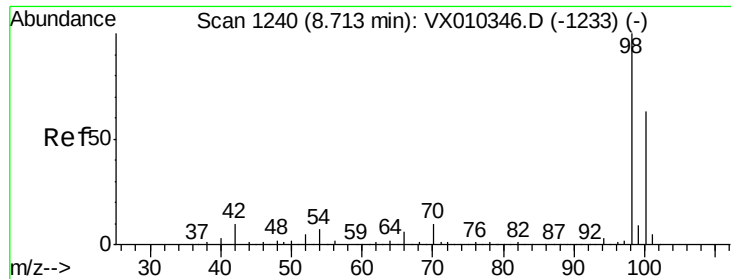
Ion Ratio Lower Upper

43 100

61 20.2 17.8 26.6

87 13.3 13.0 19.4





#50

Toluene-d8

Concen: 50.894 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010521.D

Acq: 28 Jun 2019 05:44

Instrument :

MSVOA_X

ClientSampleId :

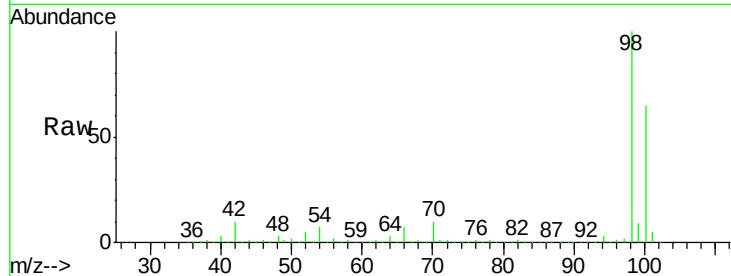
OIL-WATER-SEPARATOR-SEDIME

Tot Ion: 98 Resp: 445496

Ion Ratio Lower Upper

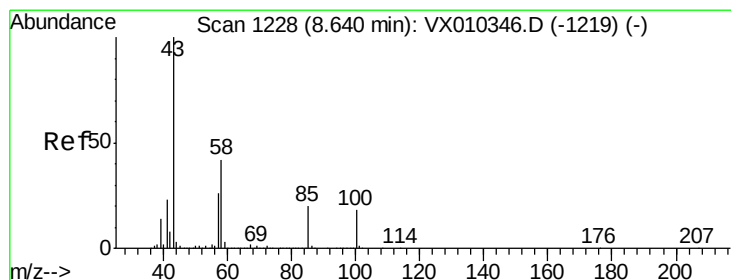
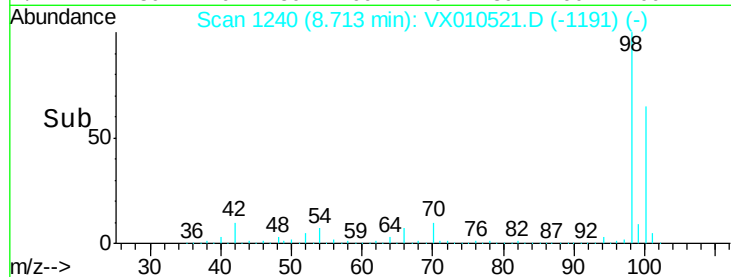
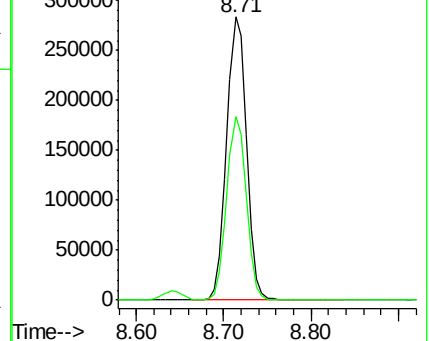
98 100

100 64.1 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#51

4-Methyl-2-Pentanone

Concen: 20.729 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX010521.D

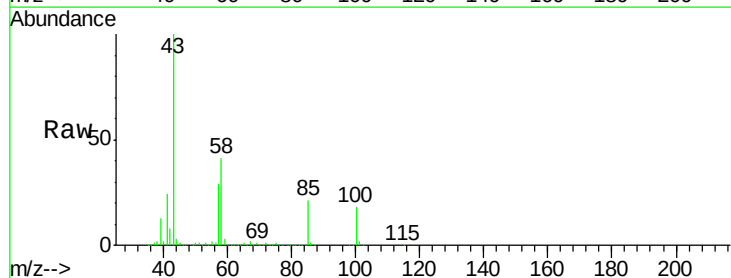
Acq: 28 Jun 2019 05:44

Tgt Ion: 43 Resp: 67057

Ion Ratio Lower Upper

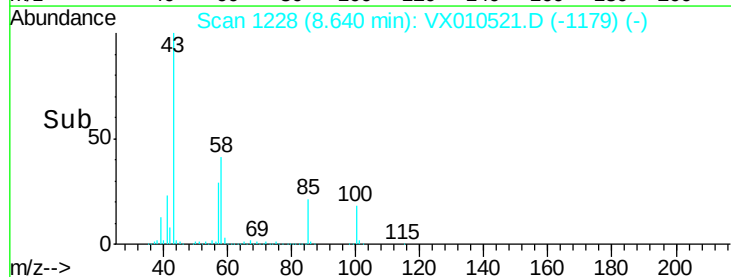
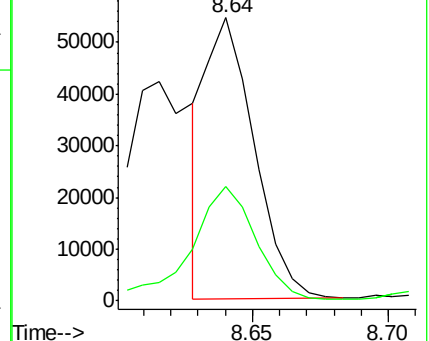
43 100

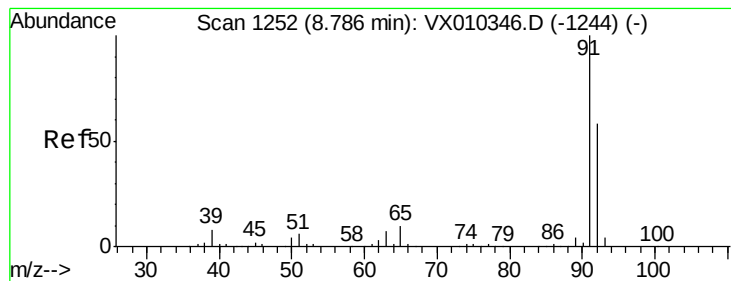
58 56.4 33.5 50.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#52

Toluene

Concen: 1.359 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX010521.D

Acq: 28 Jun 2019 05:44

Instrument :

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ClientSampleId :

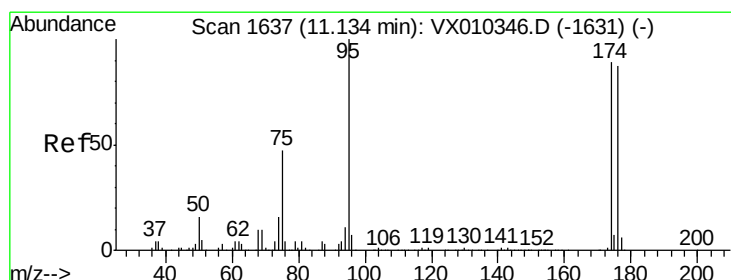
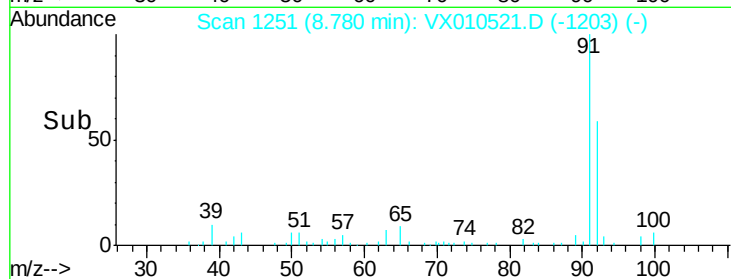
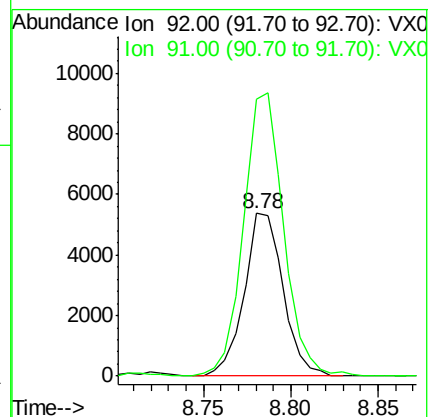
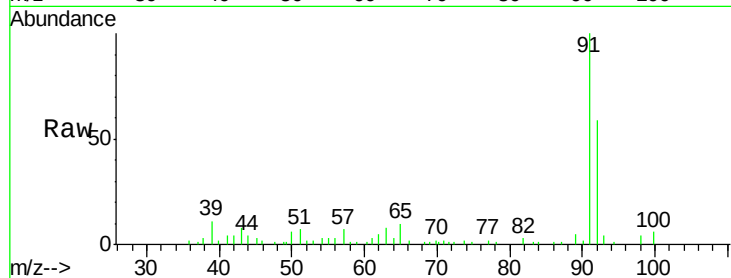
OIL-WATER-SEPARATOR-SEDIME

Tot Ion: 92 Resp: 8283

Ion Ratio Lower Upper

92 100

91 180.0 139.8 209.6



#62

4-Bromofluorobenzene

Concen: 48.250 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010521.D

Acq: 28 Jun 2019 05:44

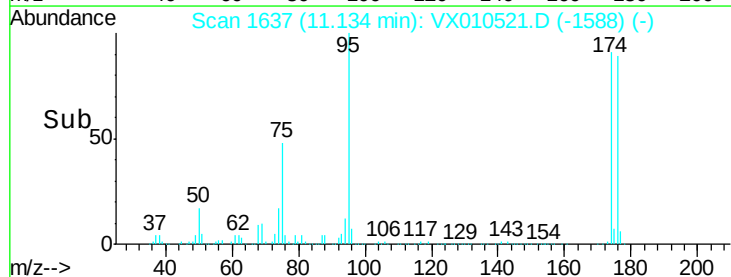
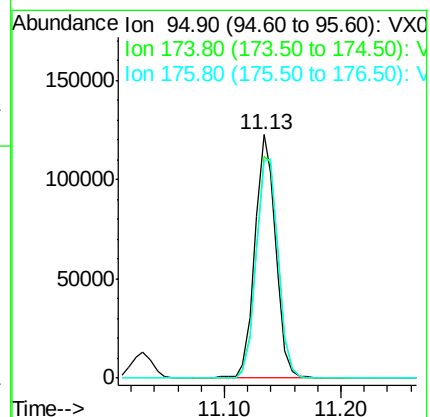
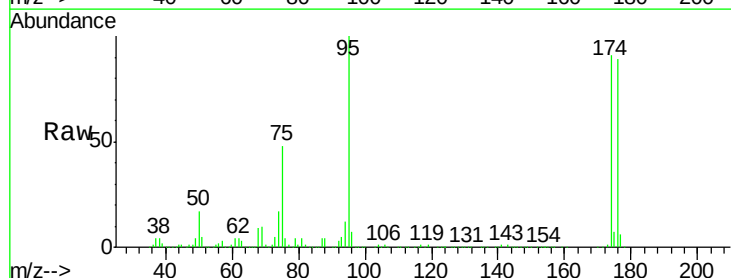
Tgt Ion: 95 Resp: 152482

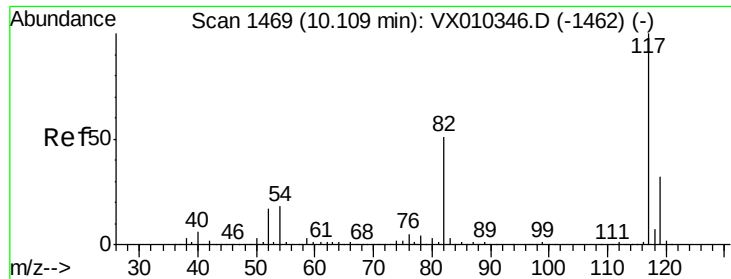
Ion Ratio Lower Upper

95 100

174 96.8 0.0 187.6

176 95.3 0.0 184.0

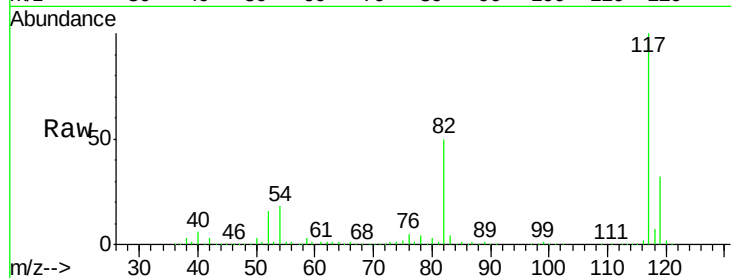




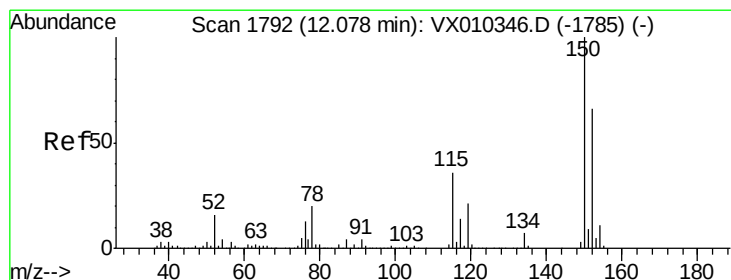
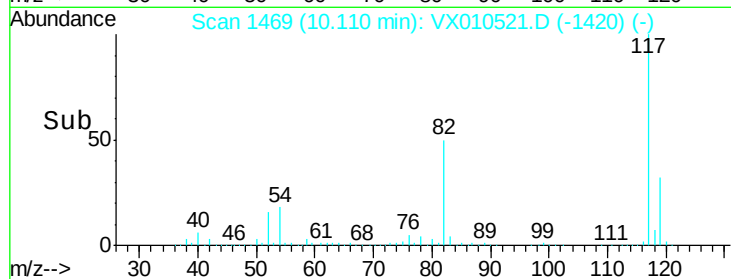
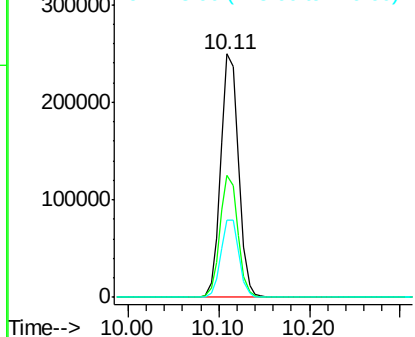
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010521.D
Acq: 28 Jun 2019 05:44

Instrument :
MSVOA_X
ClientSampleId :
OIL-WATER-SEPERATOR-SEDIME

Tot Ion:117 Resp: 342150
Ion Ratio Lower Upper
117 100
82 50.2 41.2 61.8
119 31.7 25.5 38.3

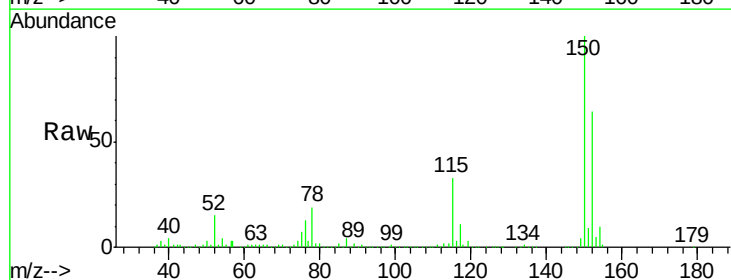


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

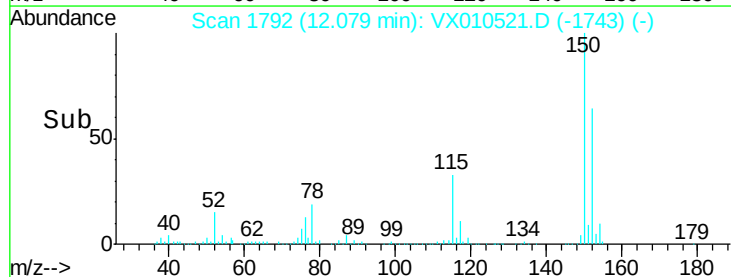
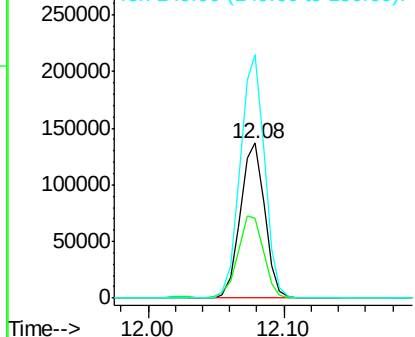


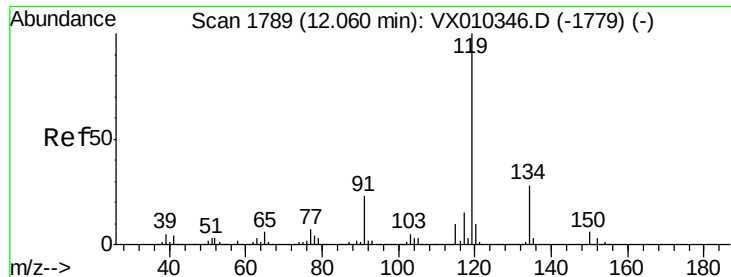
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010521.D
Acq: 28 Jun 2019 05:44

Tgt Ion:152 Resp: 170110
Ion Ratio Lower Upper
152 100
115 56.2 38.6 115.7
150 156.5 0.0 347.4



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





#86

p-Isopropyltoluene

Concen: 7.201 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010521.D

Acq: 28 Jun 2019 05:44

Instrument :

MSVOA_X

ClientSampleId :

OIL-WATER-SEPARATOR-SEDIME

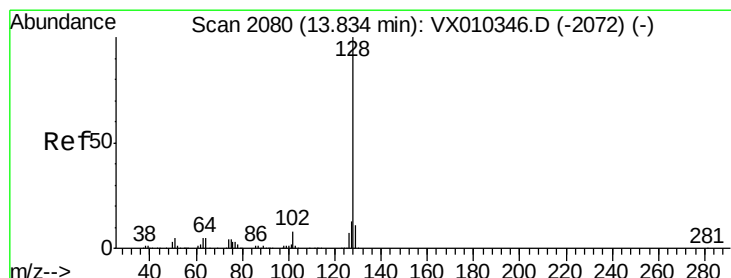
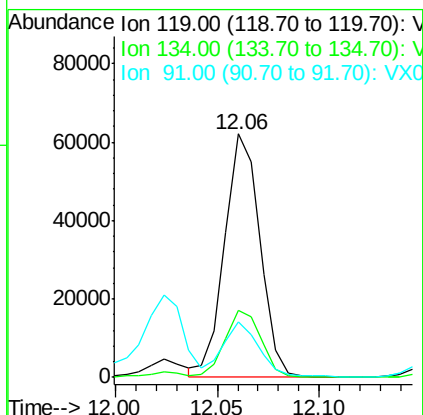
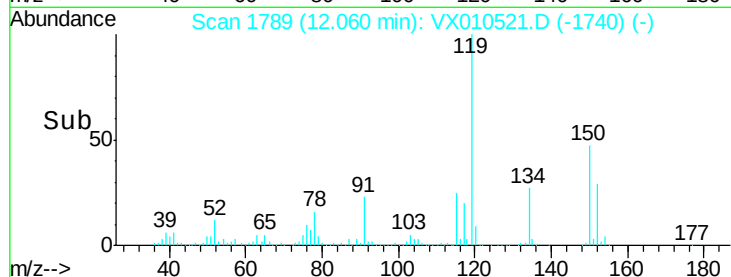
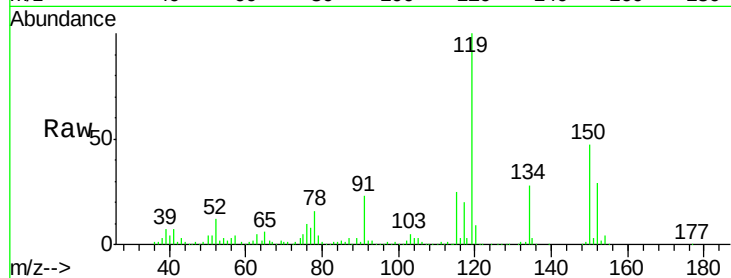
Tot Ion:119 Resp: 74615

Ion Ratio Lower Upper

119 100

134 28.4 13.7 41.1

91 23.2 11.3 33.8



#95

Naphthalene

Concen: 1.208 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX010521.D

Acq: 28 Jun 2019 05:44

Tgt Ion:128 Resp: 14379

Ion Ratio Lower Upper

128 100

127 14.2 10.2 15.4

129 14.8 8.9 13.3#

