

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070219\
 Data File : VX010628.D
 Acq On : 02 Jul 2019 19:31
 Operator : JC/SP
 Sample : K3632-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OIL-WATER-SEPERATOR-4-(OWS)-

Quant Time: Jul 03 01:58:55 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	237000	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	366870	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	344525	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	160435	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	117407	52.84	ug/l	0.00
Spiked Amount			Recovery	=	105.68%	
35) Dibromofluoromethane	5.50	113	114883	51.18	ug/l	0.00
Spiked Amount			Recovery	=	102.36%	
50) Toluene-d8	8.71	98	438256	51.03	ug/l	0.00
Spiked Amount			Recovery	=	102.06%	
62) 4-Bromofluorobenzene	11.13	95	149941	48.36	ug/l	0.00
Spiked Amount			Recovery	=	96.72%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	263	0.257	ug/l #	80
6) Chloroethane	1.67	64	890	0.718	ug/l #	41
11) Tert butyl alcohol	3.04	59	8409	14.462	ug/l #	86
13) Acrolein	2.29	56	700	1.815	ug/l	92
16) Acetone	2.44	43	80776	72.532	ug/l	98
17) Carbon Disulfide	2.57	76	2738	0.497	ug/l #	84
18) Methyl Acetate	2.78	43	4193	1.889	ug/l #	86
20) Methylene Chloride	2.86	84	84260	36.765	ug/l	97
25) 2-Butanone	4.68	43	27493	16.830	ug/l	99
29) Tetrahydrofuran	5.13	42	38011	37.566	ug/l	95
36) 1,1-Dichloropropene	5.66	75	15533	5.328	ug/l #	48
37) Ethyl Acetate	4.68	43	27493	9.167	ug/l #	66
38) Carbon Tetrachloride	5.67	117	21239	6.728	ug/l #	15
39) Methylcyclohexane	7.46	83	956	0.249	ug/l #	86
41) Methacrylonitrile	5.13	41	19819	12.044	ug/l #	43
43) Isopropyl Acetate	6.44	43	8214	1.655	ug/l	98
48) Methyl methacrylate	7.68	41	6963	3.019	ug/l #	69
49) 1,4-Dioxane	7.75	88	20	0.301	ug/l #	1
51) 4-Methyl-2-Pentanone	8.61	43	60633	19.106	ug/l #	43
52) Toluene	8.79	92	9348	1.563	ug/l	100
54) cis-1,3-Dichloropropene	8.62	75	28100	7.648	ug/l #	63
57) 1,3-Dichloropropane	9.54	76	4179	1.091	ug/l #	42
59) 2-Hexanone	9.54	43	51177	20.489	ug/l #	52
66) 1,1,1,2-Tetrachloroethane	10.21	131	1291	0.507	ug/l #	39
67) Ethyl Benzene	10.25	91	18024	1.526	ug/l	97
68) m/p-Xylenes	10.35	106	28406	6.208	ug/l	98
69) o-Xylene	10.69	106	13525	3.006	ug/l	100
73) Isopropylbenzene	11.02	105	3314	0.305	ug/l	99
76) 1,2,3-Trichloropropane	11.13	75	73177	25.030	ug/l #	33
78) n-propylbenzene	11.36	91	9540	0.798	ug/l	99
79) 2-Chlorotoluene	11.43	91	6597	0.927	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.51	105	25121	2.802	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.13	75	73177	58.393	ug/l #	16
82) 4-Chlorotoluene	11.51	91	2824	0.349	ug/l #	42

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Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration

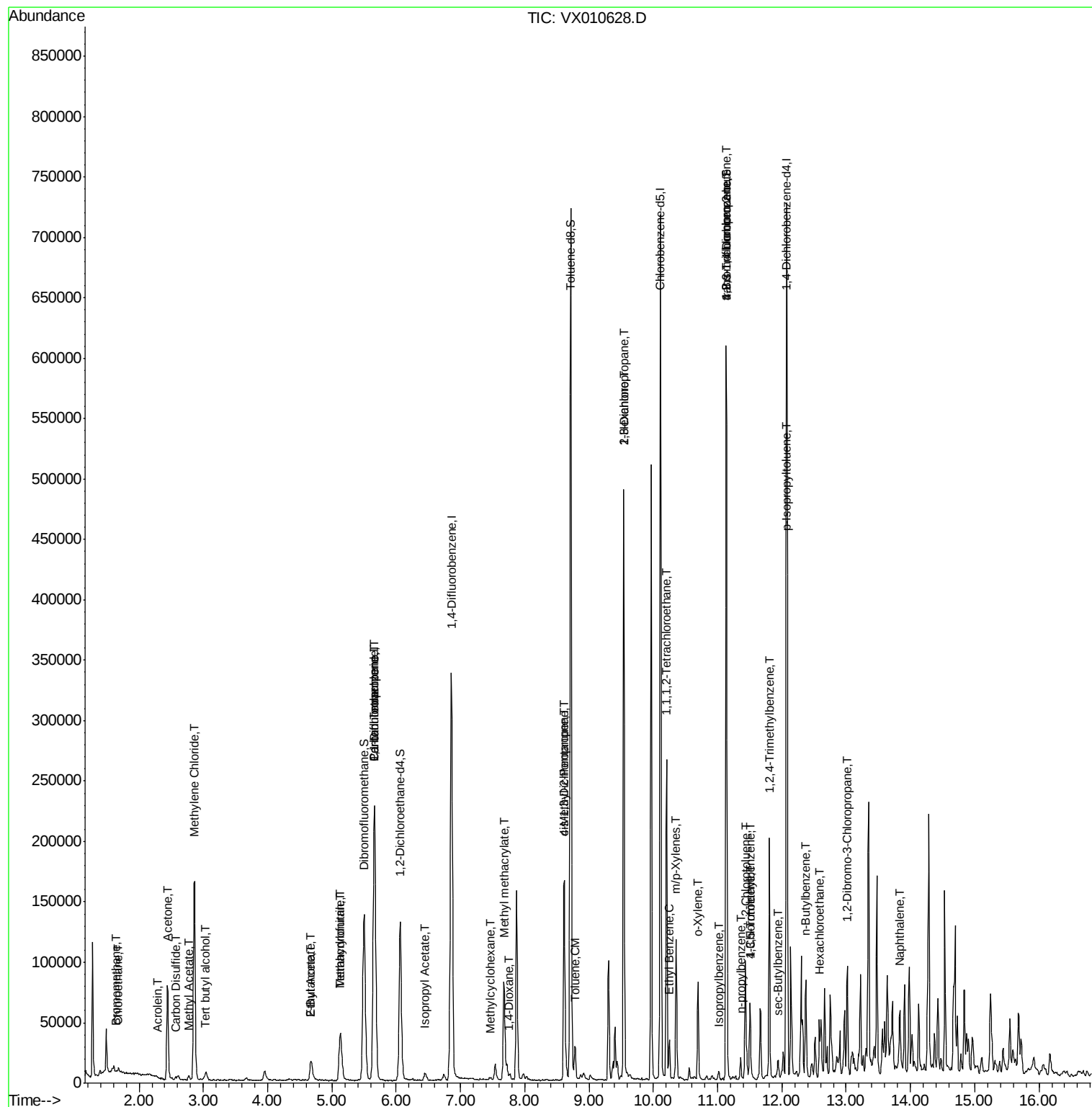
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) 1,2,4-Trimethylbenzene	11.80	105	86453	9.598	ug/l	100
85) sec-Butylbenzene	11.94	105	4110	0.389	ug/l	81
86) p-Isopropyltoluene	12.06	119	15238	1.559	ug/l	97
89) n-Butylbenzene	12.37	91	9876	1.189	ug/l #	22
90) Hexachloroethane	12.58	117	2006	1.187	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	13.01	75	414	0.533	ug/l #	1
95) Naphthalene	13.83	128	32531	2.897	ug/l #	96

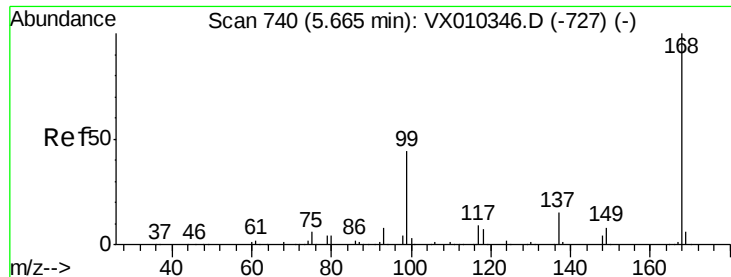
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010628.D

Acq: 02 Jul 2019 19:31

Instrument :

MSVOA_X

ClientSampleId :

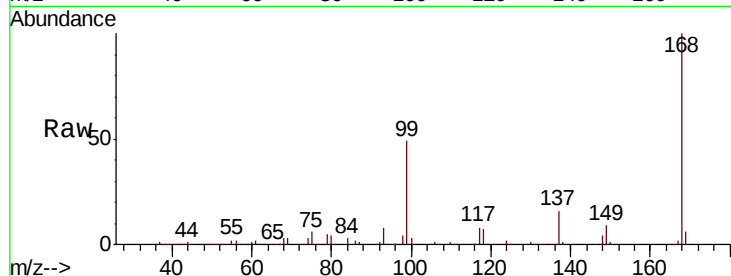
OIL-WATER-SEPARATOR-4-(OWS)-

Tot Ion:168 Resp: 237000

Ion Ratio Lower Upper

168 100

99 48.9 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

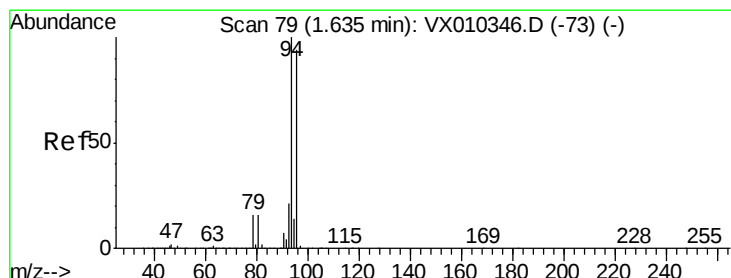
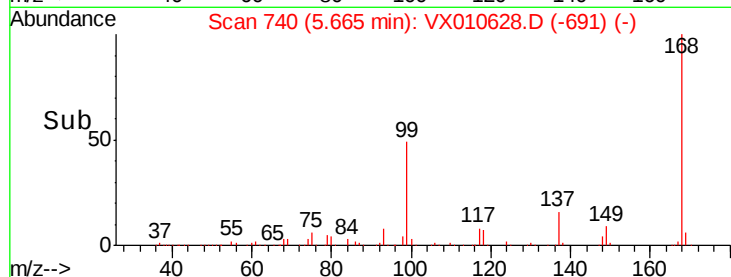
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 0.257 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX010628.D

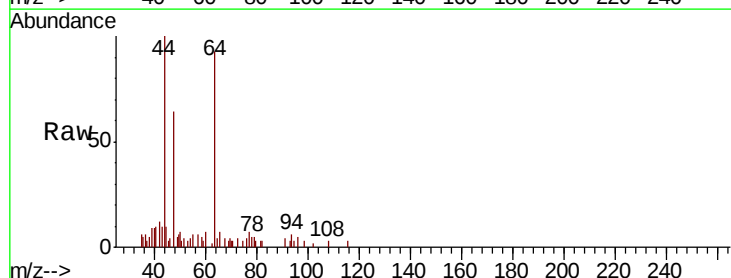
Acq: 02 Jul 2019 19:31

Tgt Ion: 94 Resp: 263

Ion Ratio Lower Upper

94 100

96 75.2 75.5 113.3#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.65

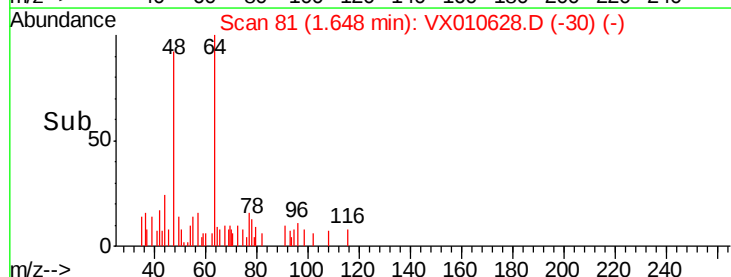
150

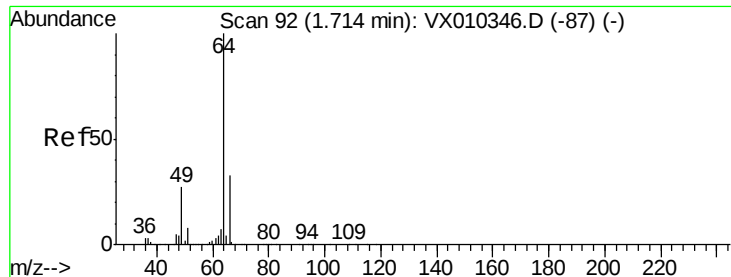
100

50

0

Time--> 1.60 1.65





#6

Chloroethane

Concen: 0.718 ug/l

RT: 1.67 min Scan# 84

Delta R.T. -0.05 min

Lab File: VX010628.D

Acq: 02 Jul 2019 19:31

Instrument :

MSVOA_X

ClientSampleId :

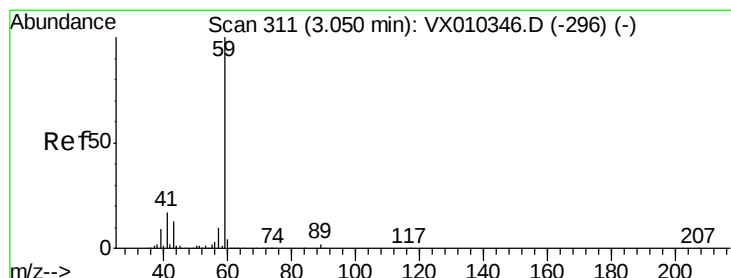
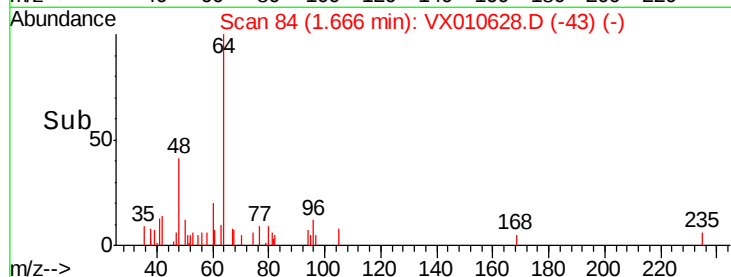
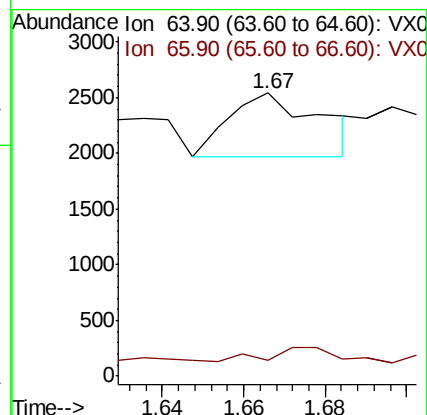
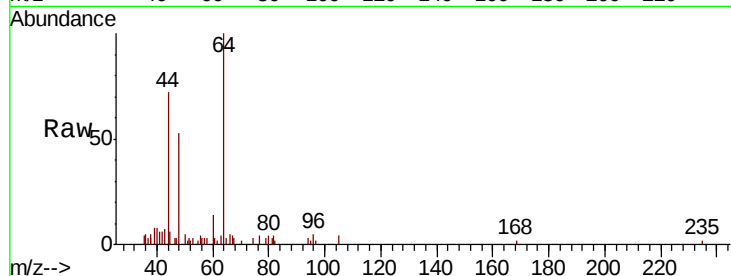
OIL-WATER-SEPARATOR-4-(OWS)-

Tot Ion: 64 Resp: 890

Ion Ratio Lower Upper

64 100

66 0.0 26.6 40.0#



#11

Tert butyl alcohol

Concen: 14.462 ug/l

RT: 3.04 min Scan# 309

Delta R.T. -0.01 min

Lab File: VX010628.D

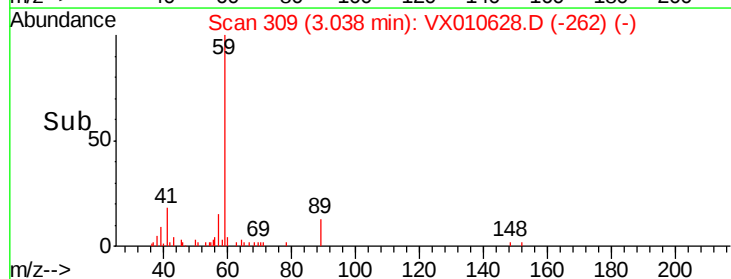
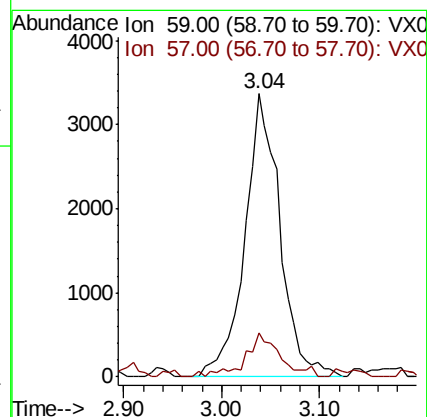
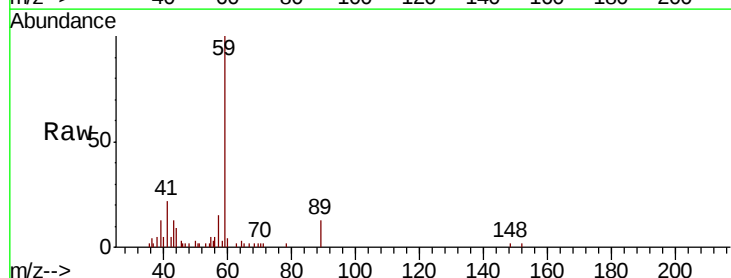
Acq: 02 Jul 2019 19:31

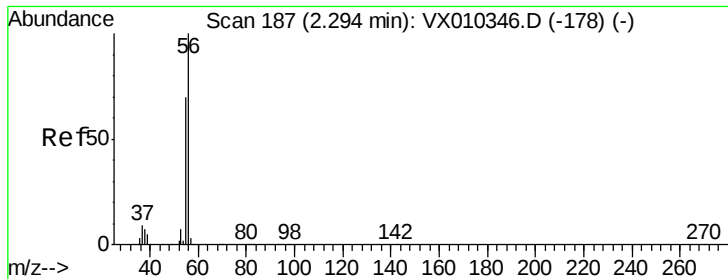
Tgt Ion: 59 Resp: 8409

Ion Ratio Lower Upper

59 100

57 14.9 7.7 11.5#





#13

Acrolein

Concen: 1.815 ug/l

RT: 2.29 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX010628.D

Acq: 02 Jul 2019 19:31

Instrument :

MSVOA_X

ClientSampleId :

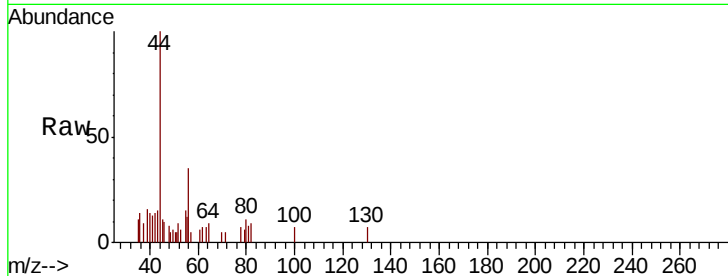
OIL-WATER-SEPARATOR-4-(OWS)-

Tot Ion: 56 Resp: 700

Ion Ratio Lower Upper

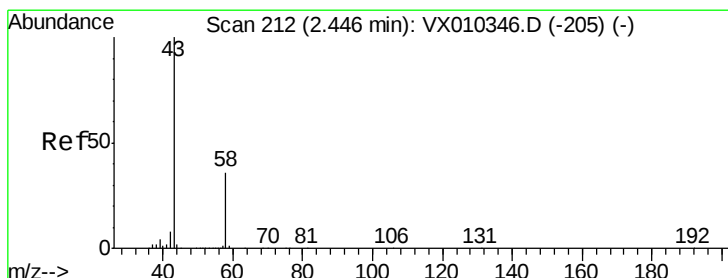
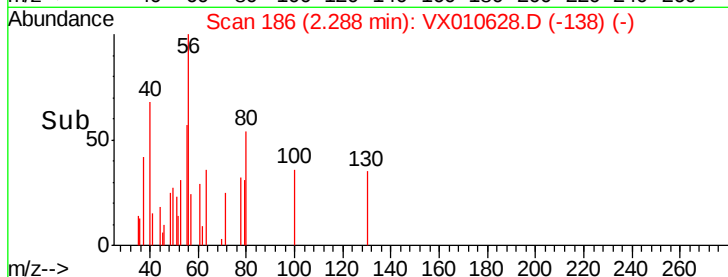
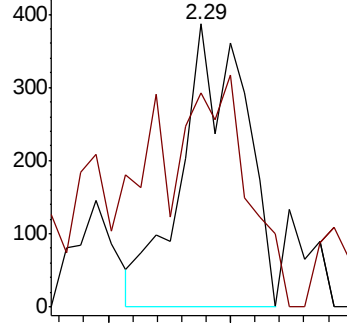
56 100

55 77.6 56.9 85.3



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#16

Acetone

Concen: 72.532 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010628.D

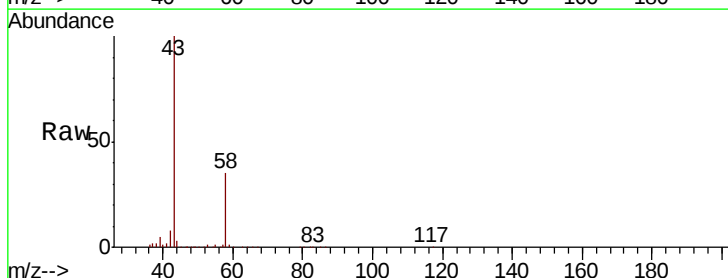
Acq: 02 Jul 2019 19:31

Tgt Ion: 43 Resp: 80776

Ion Ratio Lower Upper

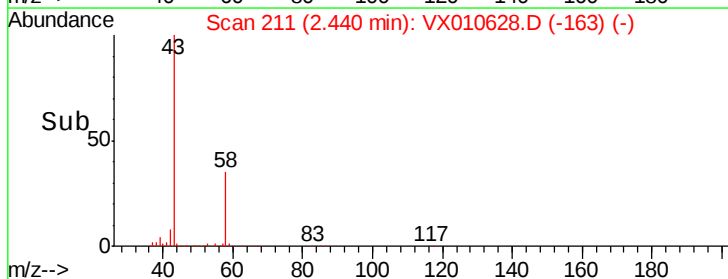
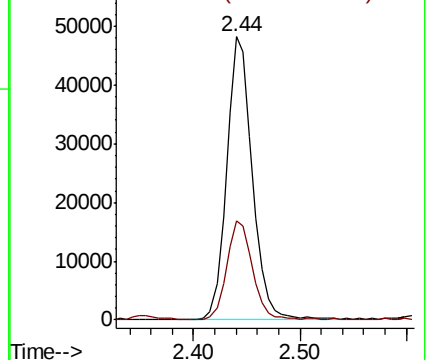
43 100

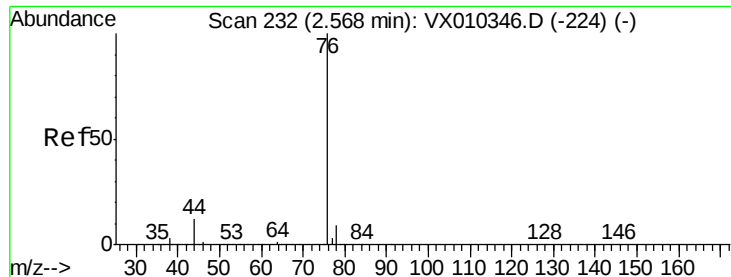
58 35.1 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

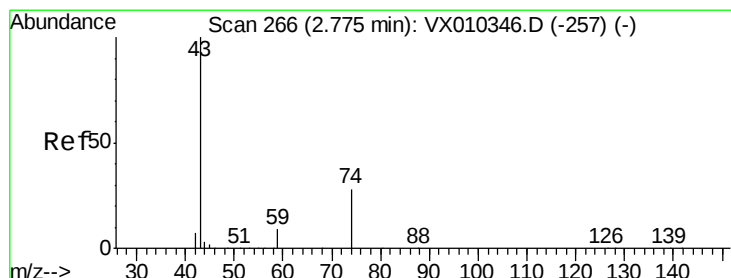
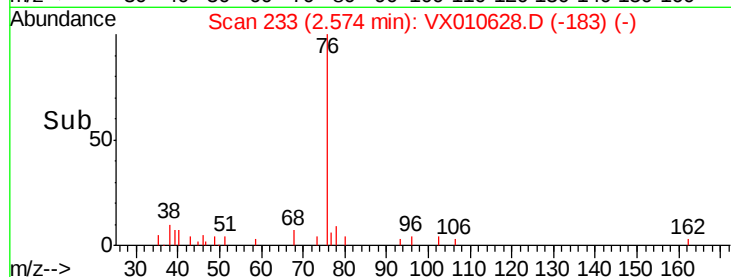
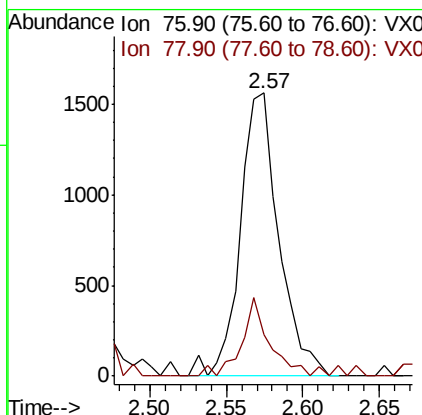
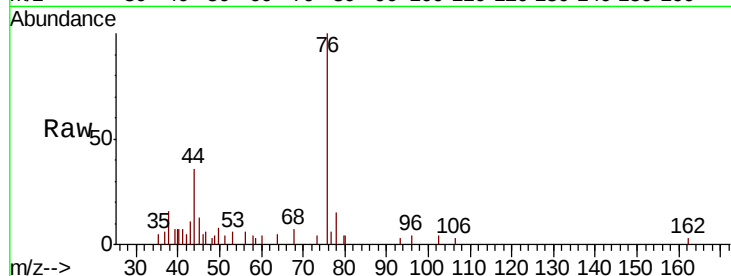




#17
Carbon Disulfide
Concen: 0.497 ug/l
RT: 2.57 min Scan# 233
Delta R.T. 0.01 min
Lab File: VX010628.D
Acq: 02 Jul 2019 19:31

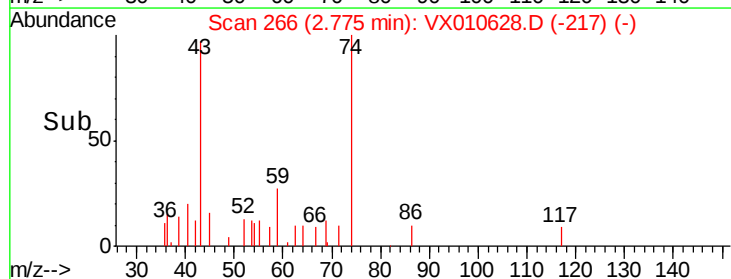
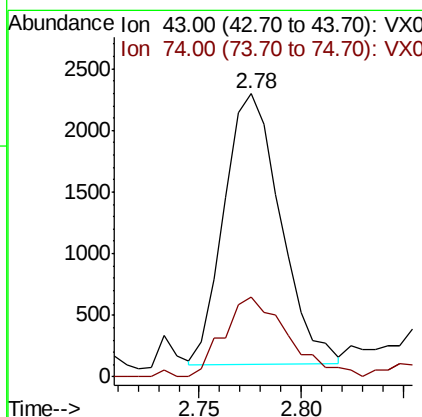
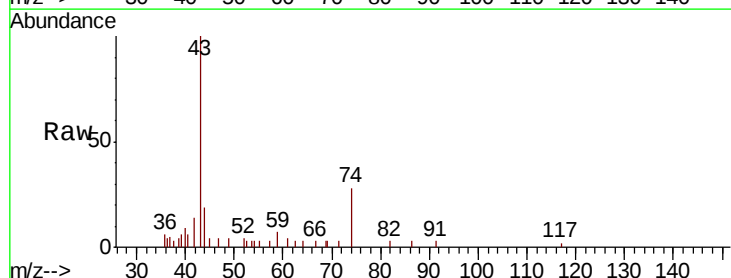
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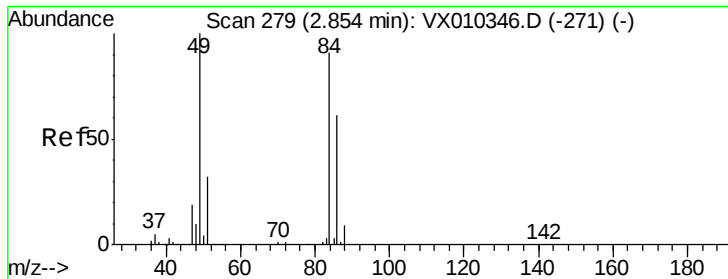
Tot Ion: 76 Resp: 2738
Ion Ratio Lower Upper
76 100
78 14.8 7.3 10.9#



#18
Methyl Acetate
Concen: 1.889 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX010628.D
Acq: 02 Jul 2019 19:31

Tgt Ion: 43 Resp: 4193
Ion Ratio Lower Upper
43 100
74 33.7 21.3 31.9#

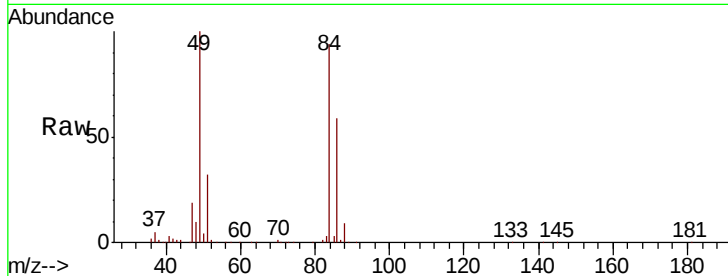




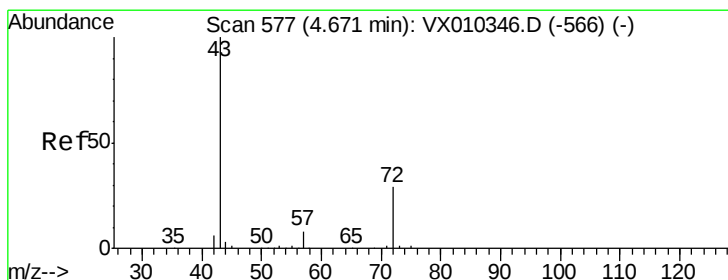
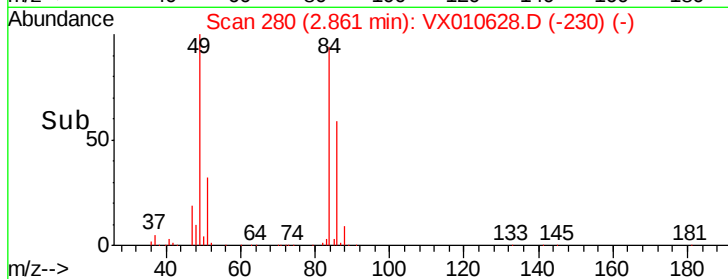
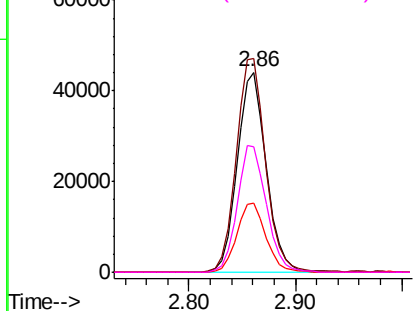
#20
Methvlene Chloride
Concen: 36.765 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX010628.D
Acq: 02 Jul 2019 19:31

Instrument :
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OIL-WATER-SEPERATOR-4-(OWS)-

Tot Ion: 84 Resp: 84260
Ion Ratio Lower Upper
84 100
49 106.7 87.5 131.3
51 34.4 27.7 41.5
86 62.7 53.4 80.0

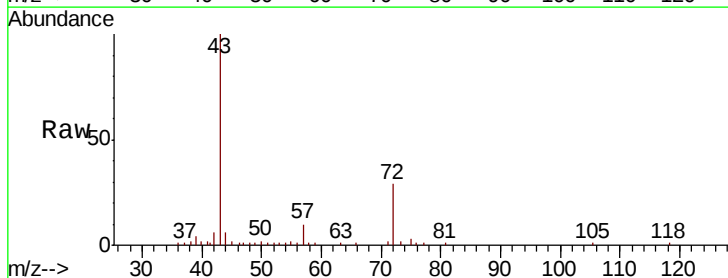


Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

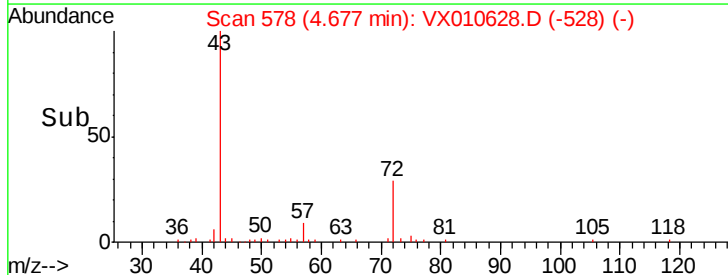
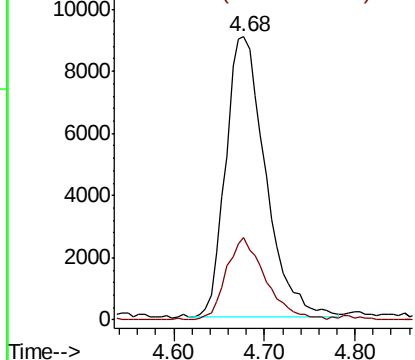


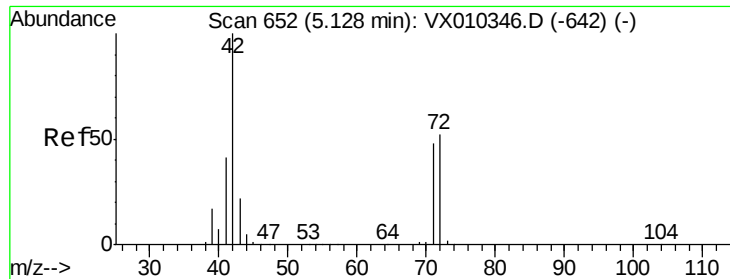
#25
2-Butanone
Concen: 16.830 ug/l
RT: 4.68 min Scan# 578
Delta R.T. 0.01 min
Lab File: VX010628.D
Acq: 02 Jul 2019 19:31

Tgt Ion: 43 Resp: 27493
Ion Ratio Lower Upper
43 100
72 29.4 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 72.00 (71.70 to 72.70): VX0





#29

Tetrahydrofuran

Concen: 37.566 ug/l

RT: 5.13 min Scan# 652

Delta R.T. 0.00 min

Lab File: VX010628.D

Acq: 02 Jul 2019 19:31

Instrument :

MSVOA_X

ClientSampleId :

OIL-WATER-SEPARATOR-4-(OWS)-

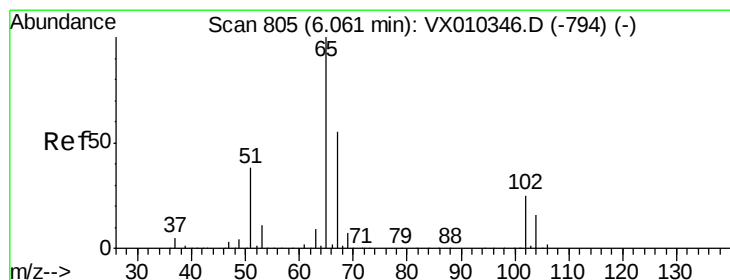
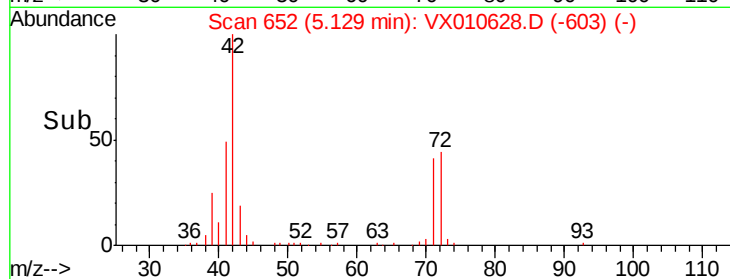
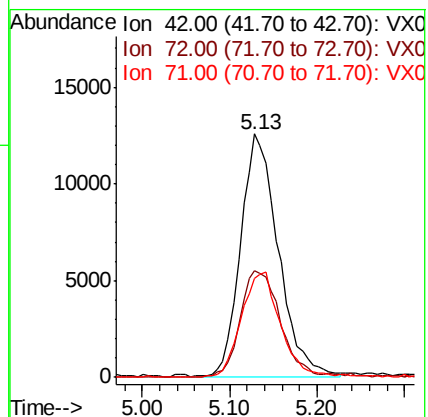
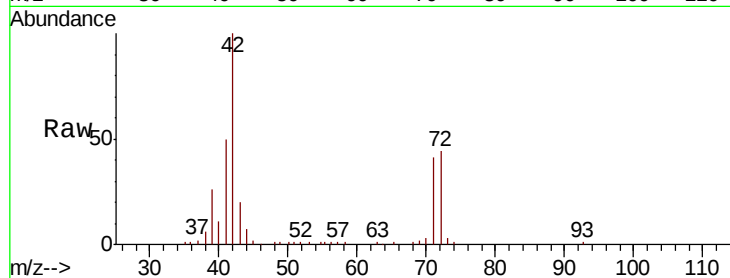
Tot Ion: 42 Resp: 38011

Ion Ratio Lower Upper

42 100

72 46.8 40.6 60.8

71 44.6 37.8 56.8



#33

1,2-Dichloroethane-d4

Concen: 52.836 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010628.D

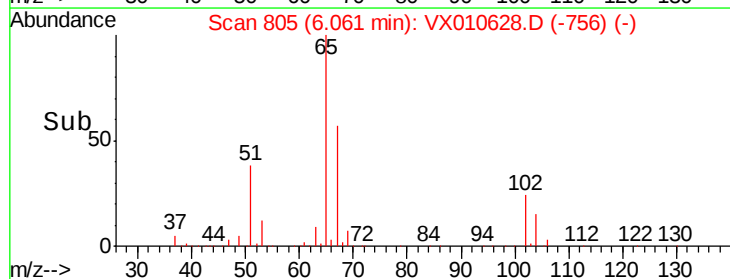
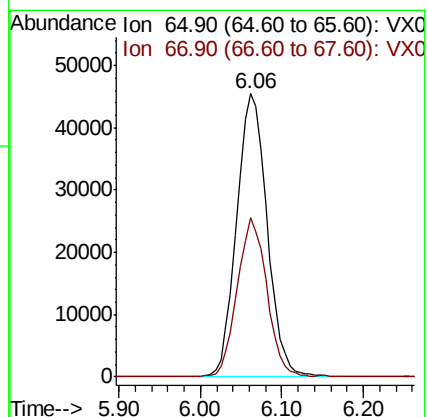
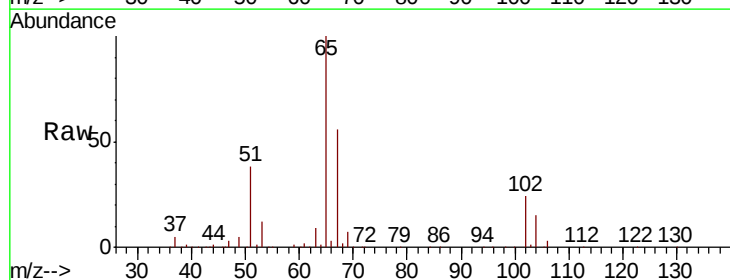
Acq: 02 Jul 2019 19:31

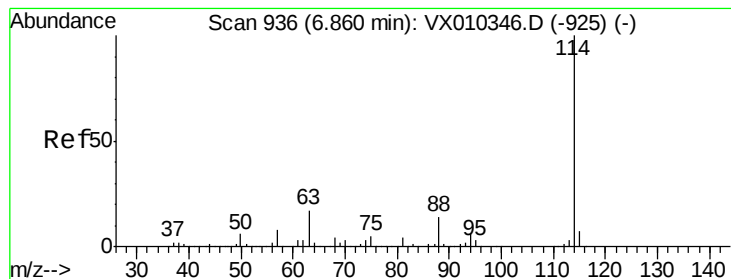
Tgt Ion: 65 Resp: 117407

Ion Ratio Lower Upper

65 100

67 54.7 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010628.D

Acq: 02 Jul 2019 19:31

Instrument :

MSVOA_X

ClientSampleId :

OIL-WATER-SEPARATOR-4-(OWS)-

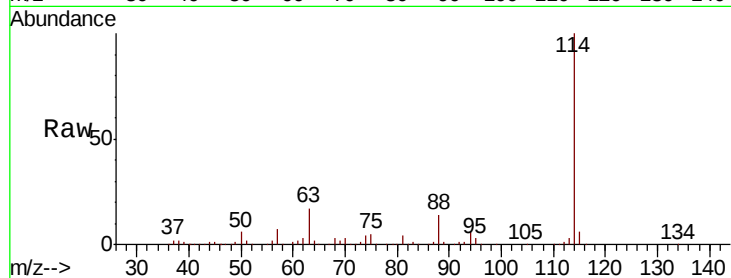
Tot Ion:114 Resp: 366870

Ion Ratio Lower Upper

114 100

63 17.2 0.0 33.8

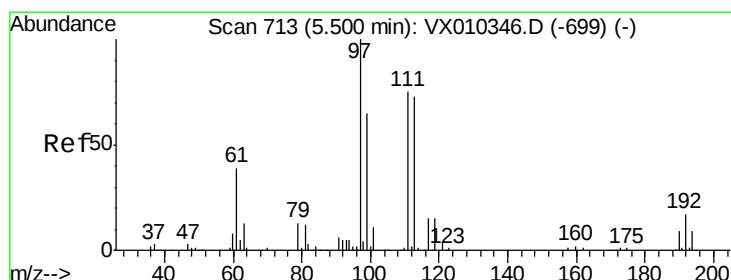
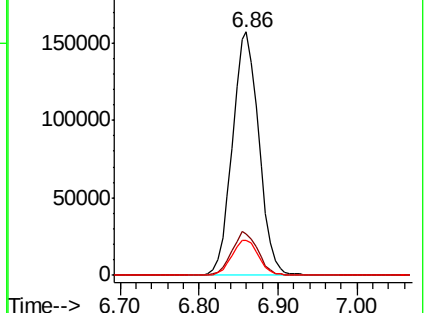
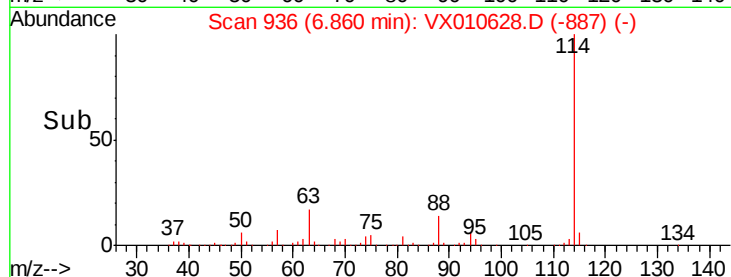
88 14.2 0.0 27.6



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



#35

Dibromofluoromethane

Concen: 51.181 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010628.D

Acq: 02 Jul 2019 19:31

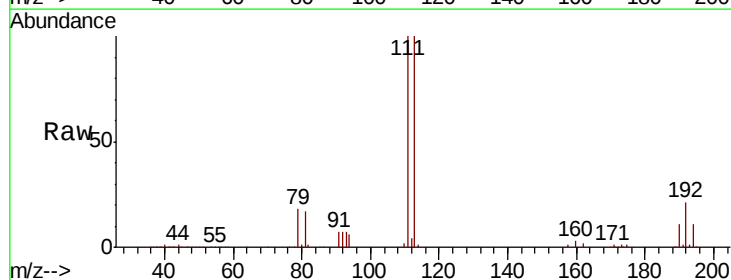
Tgt Ion:113 Resp: 114883

Ion Ratio Lower Upper

113 100

111 100.4 81.2 121.8

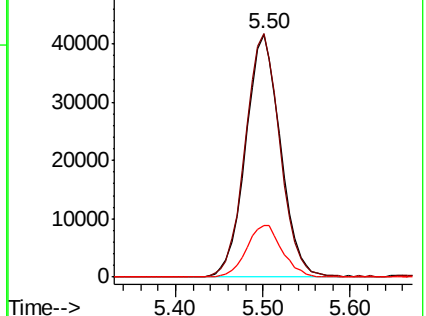
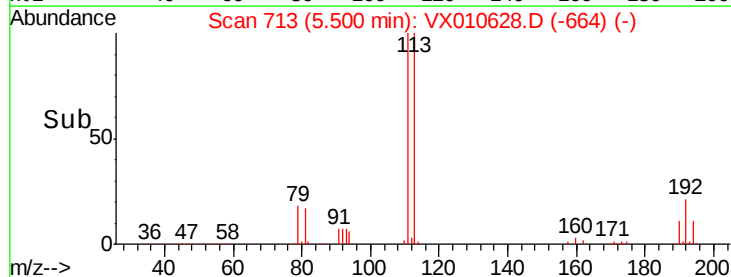
192 22.0 18.6 27.8

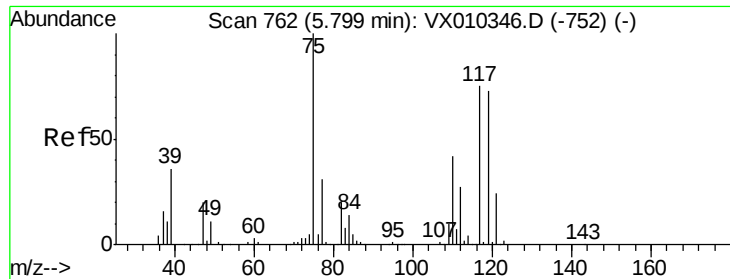


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 5.328 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX010628.D

Acq: 02 Jul 2019 19:31

Instrument :

MSVOA_X

ClientSampleId :

OIL-WATER-SEPARATOR-4-(OWS)-

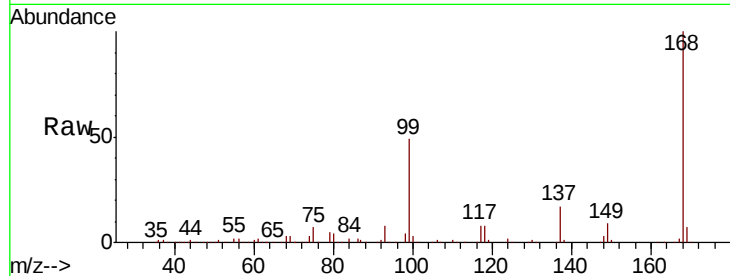
Tot Ion: 75 Resp: 15533

Ion Ratio Lower Upper

75 100

110 11.0 20.8 62.2#

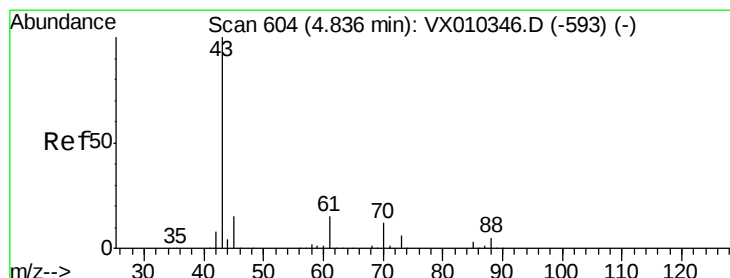
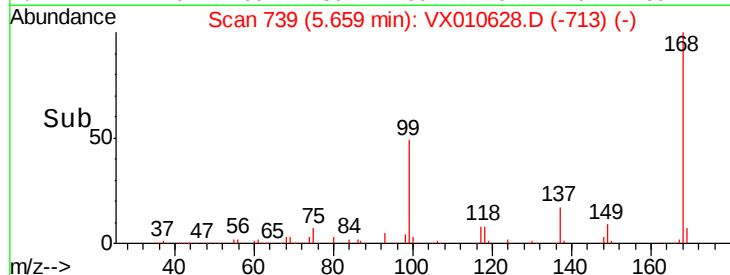
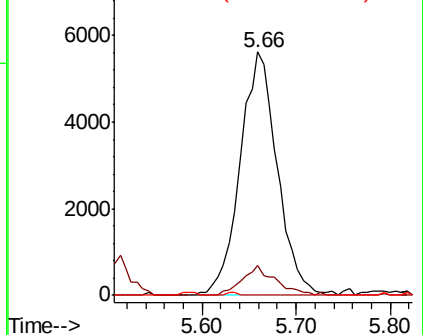
77 0.0 25.4 38.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0



#37

Ethyl Acetate

Concen: 9.167 ug/l

RT: 4.68 min Scan# 578

Delta R.T. -0.16 min

Lab File: VX010628.D

Acq: 02 Jul 2019 19:31

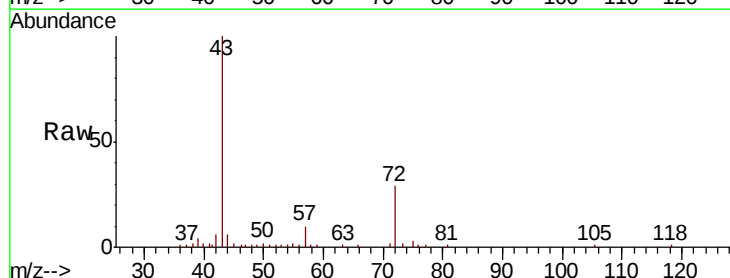
Tgt Ion: 43 Resp: 27493

Ion Ratio Lower Upper

43 100

61 0.0 12.4 18.6#

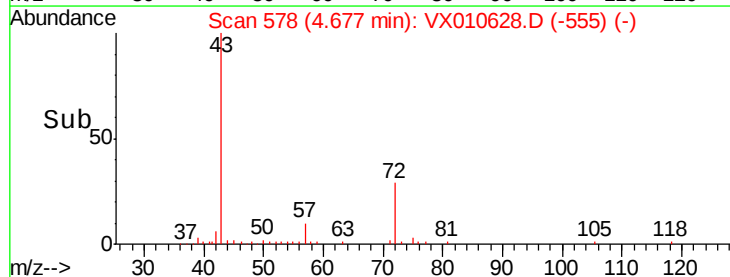
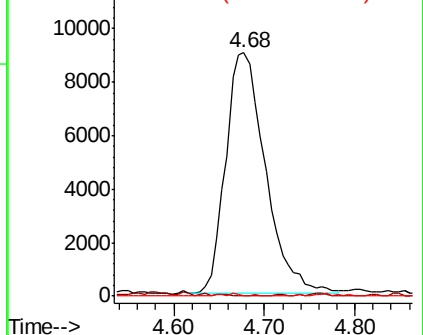
70 0.1 9.8 14.8#

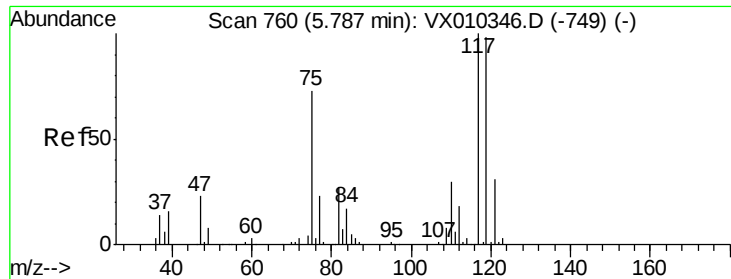


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0

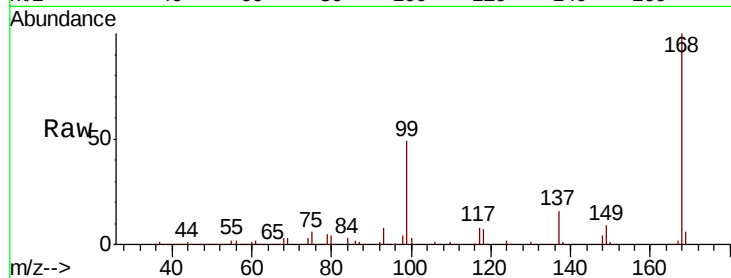




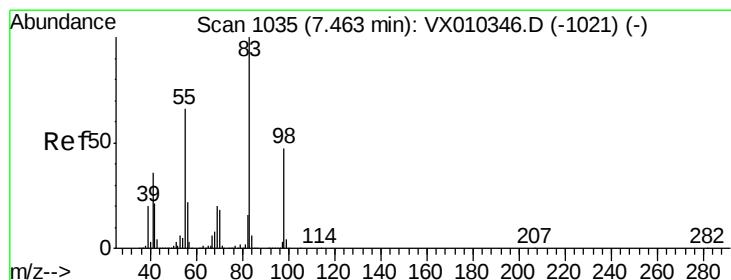
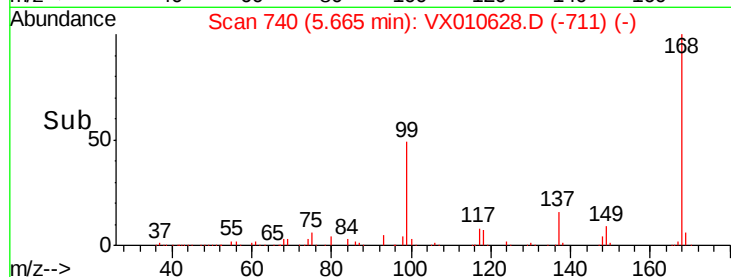
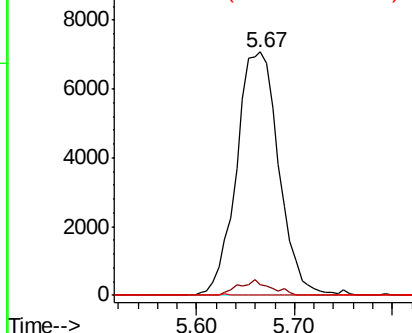
#38
Carbon Tetrachloride
Concen: 6.728 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX010628.D
Acq: 02 Jul 2019 19:31

Instrument :
MSVOA_X
ClientSampleId :
OIL-WATER-SEPARATOR-4-(OWS)-

Tot Ion:117 Resp: 21239
Ion Ratio Lower Upper
117 100
119 4.5 78.2 117.4#
121 0.0 24.7 37.1#

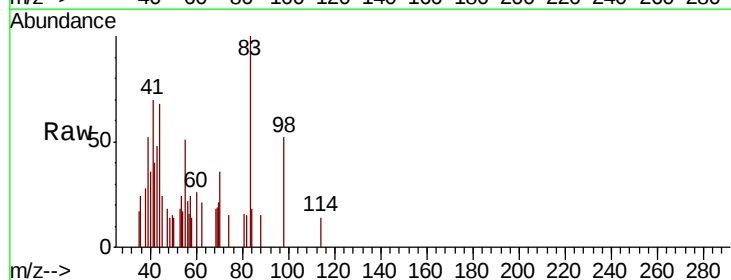


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

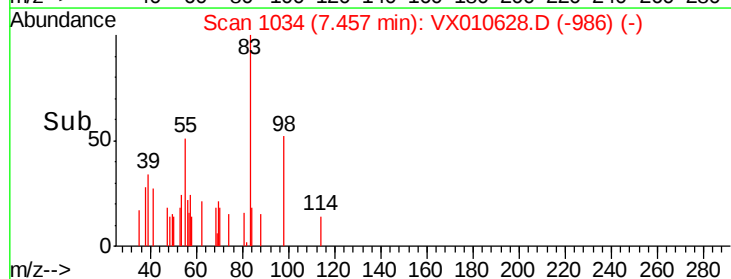
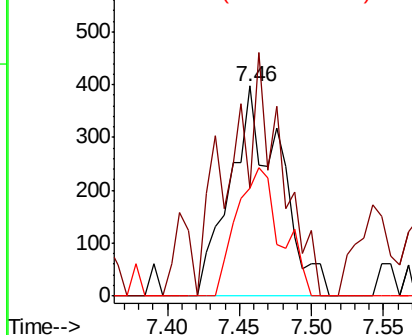


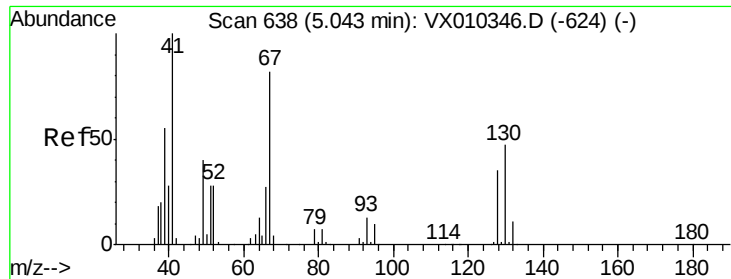
#39
Methylcyclohexane
Concen: 0.249 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX010628.D
Acq: 02 Jul 2019 19:31

Tgt Ion: 83 Resp: 956
Ion Ratio Lower Upper
83 100
55 51.1 53.0 79.6#
98 51.6 37.8 56.8



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

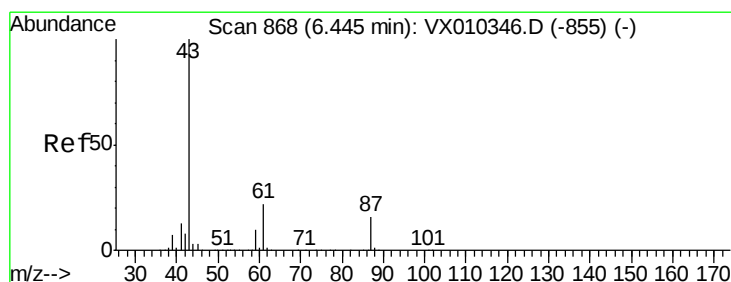
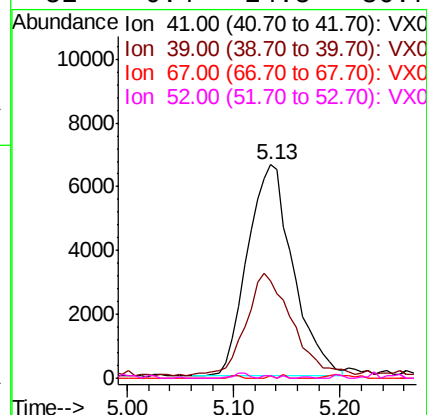
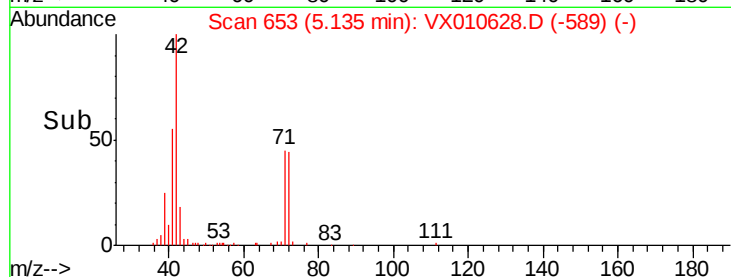
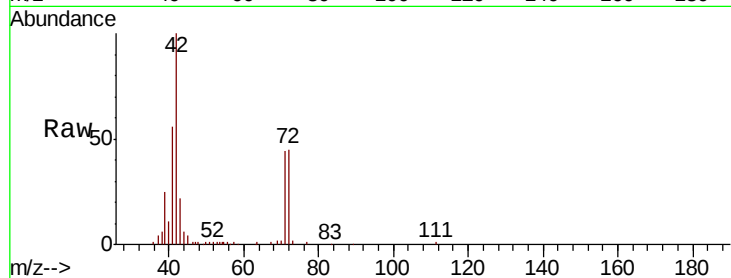




#41
Methacrylonitrile
Concen: 12.044 ug/l
RT: 5.13 min Scan# 653
Delta R.T. 0.09 min
Lab File: VX010628.D
Acq: 02 Jul 2019 19:31

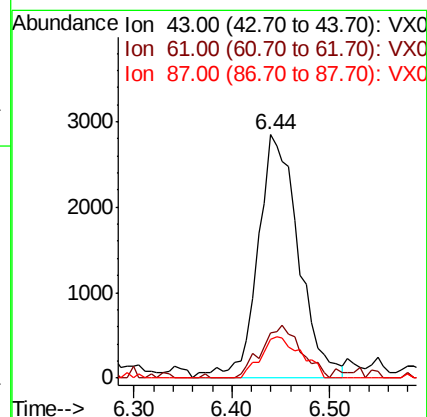
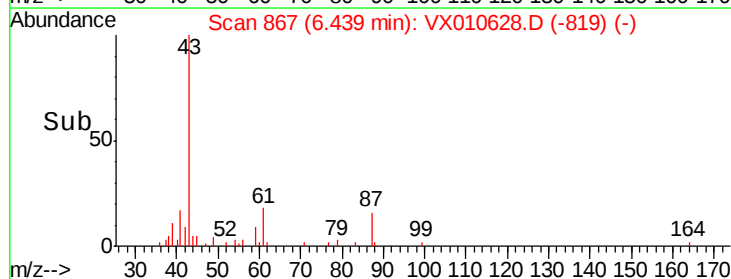
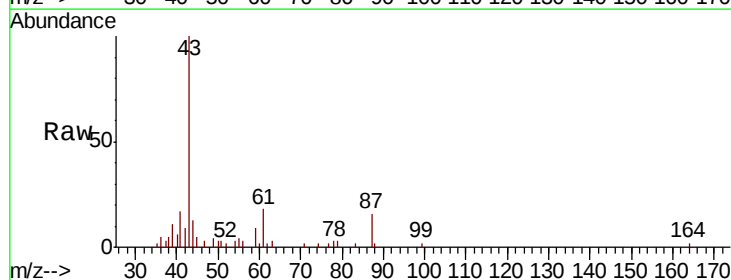
Instrument :
MSVOA_X
ClientSampleId :
OIL-WATER-SEPARATOR-4-(OWS)-

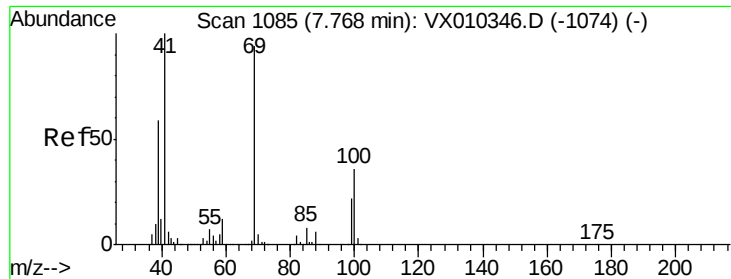
Tot Ion: 41 Resp: 19819
Ion Ratio Lower Upper
41 100
39 50.3 43.8 65.8
67 0.4 66.6 100.0#
52 0.4 24.5 36.7#



#43
Isopropyl Acetate
Concen: 1.655 ug/l
RT: 6.44 min Scan# 867
Delta R.T. -0.01 min
Lab File: VX010628.D
Acq: 02 Jul 2019 19:31

Tgt Ion: 43 Resp: 8214
Ion Ratio Lower Upper
43 100
61 21.0 17.8 26.6
87 16.7 13.0 19.4

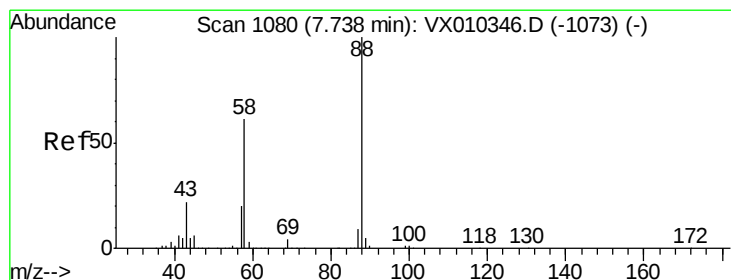
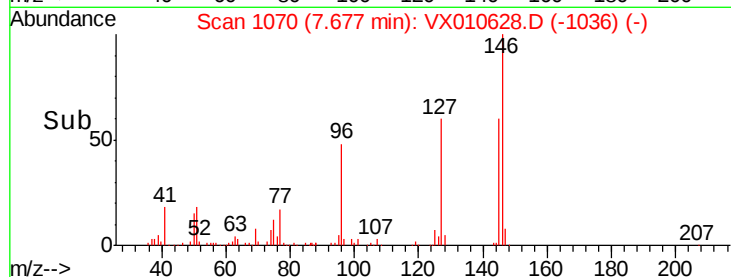
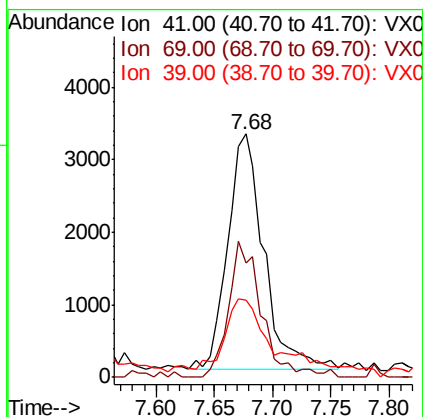
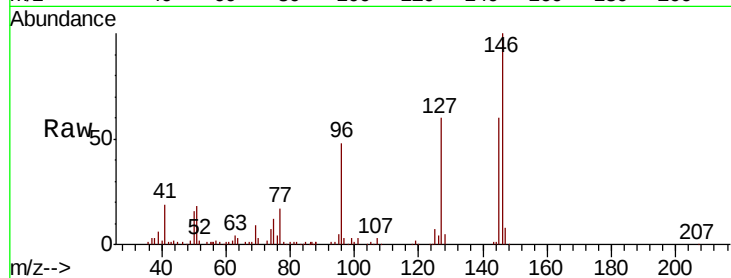




#48
Methyl methacrylate
Concen: 3.019 ug/l
RT: 7.68 min Scan# 1070
Delta R.T. -0.09 min
Lab File: VX010628.D
Acq: 02 Jul 2019 19:31

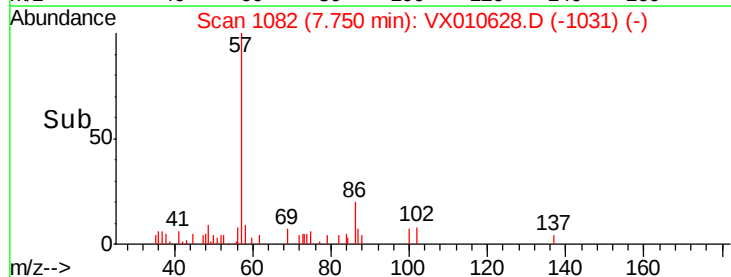
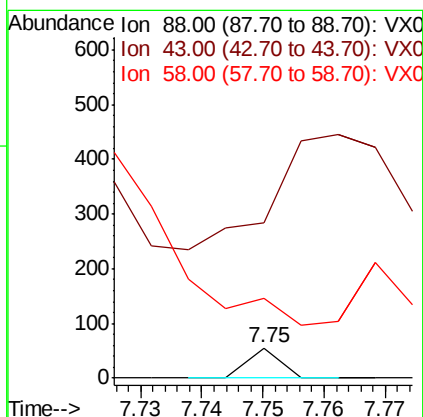
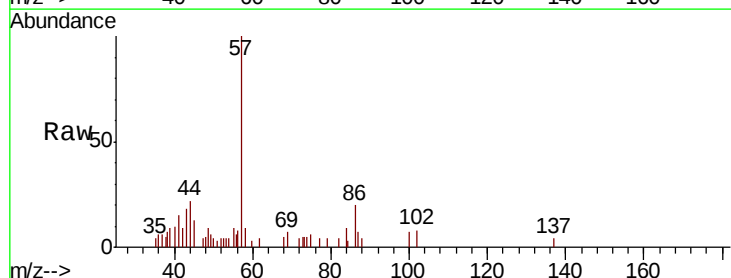
Instrument :
MSVOA_X
ClientSampleId :
OIL-WATER-SEPARATOR-4-(OWS)-

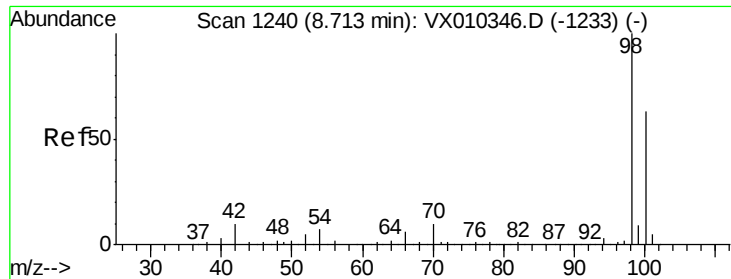
Tot Ion: 41 Resp: 6963
Ion Ratio Lower Upper
41 100
69 53.5 76.1 114.1#
39 50.4 47.6 71.4



#49
1,4-Dioxane
Concen: 0.301 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.01 min
Lab File: VX010628.D
Acq: 02 Jul 2019 19:31

Tgt Ion: 88 Resp: 20
Ion Ratio Lower Upper
88 100
43 0.0 20.2 30.2#
58 1485.0 49.5 74.3#

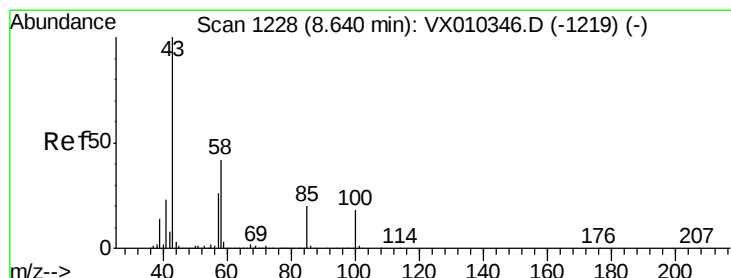
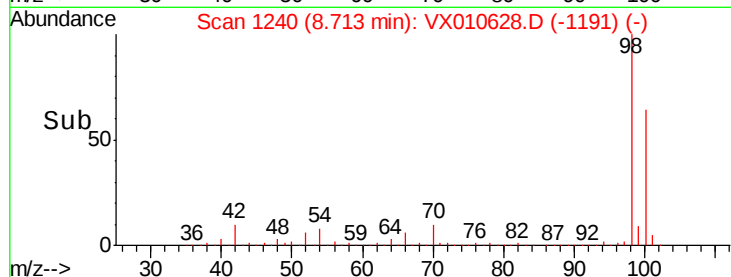
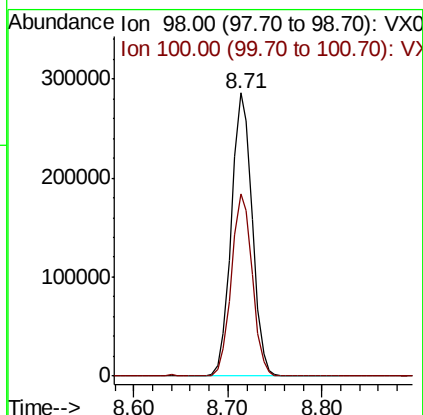
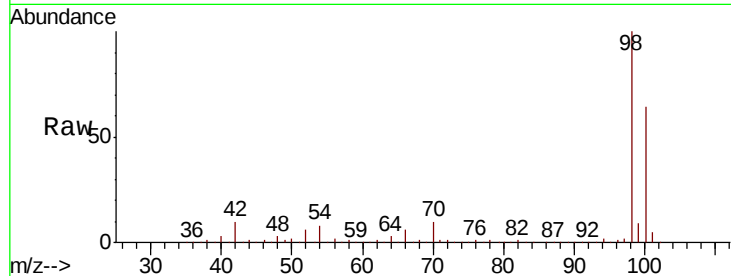




#50
Toluene-d8
Concen: 51.034 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010628.D
Acq: 02 Jul 2019 19:31

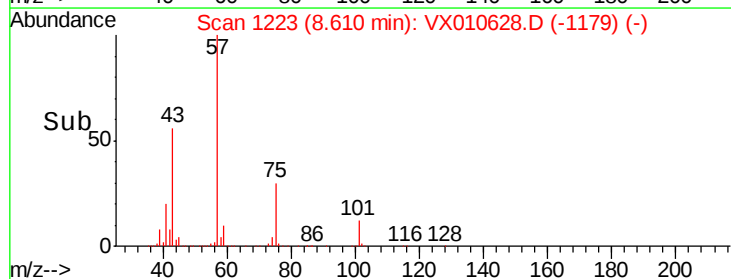
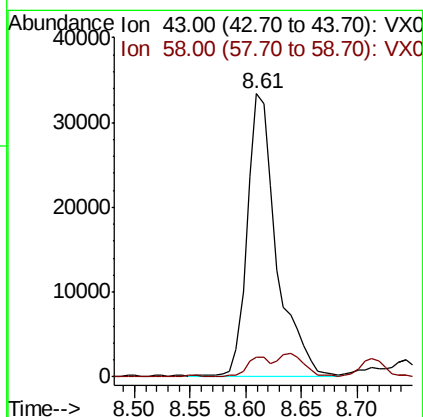
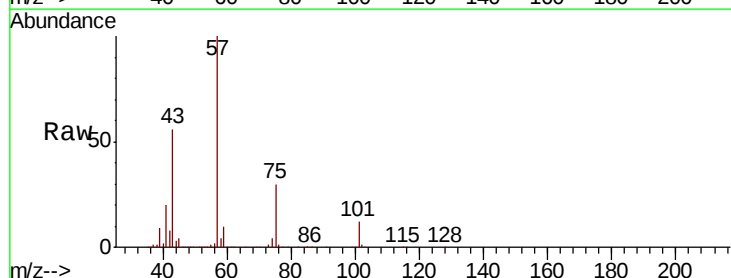
Instrument :
MSVOA_X
ClientSampleId :
OIL-WATER-SEPARATOR-4-(OWS)-

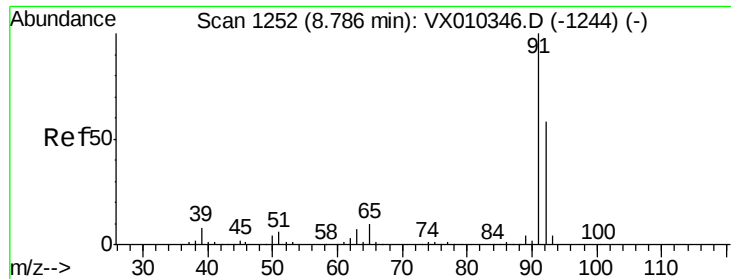
Tot Ion: 98 Resp: 438256
Ion Ratio Lower Upper
98 100
100 64.4 51.6 77.4



#51
4-Methyl-2-Pentanone
Concen: 19.106 ug/l
RT: 8.61 min Scan# 1223
Delta R.T. -0.03 min
Lab File: VX010628.D
Acq: 02 Jul 2019 19:31

Tgt Ion: 43 Resp: 60633
Ion Ratio Lower Upper
43 100
58 5.6 33.5 50.3#





#52

Toluene

Concen: 1.563 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX010628.D

Acq: 02 Jul 2019 19:31

Instrument :

MSVOA_X

ClientSampleId :

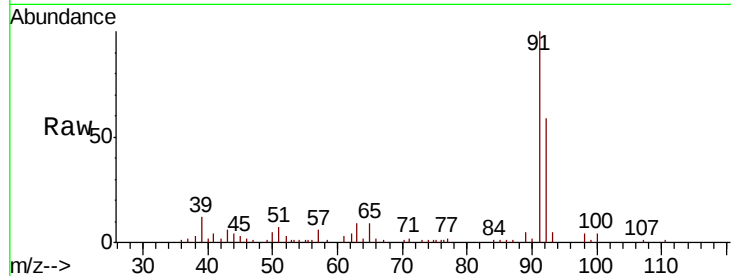
OIL-WATER-SEPARATOR-4-(OWS)-

Tot Ion: 92 Resp: 9348

Ion Ratio Lower Upper

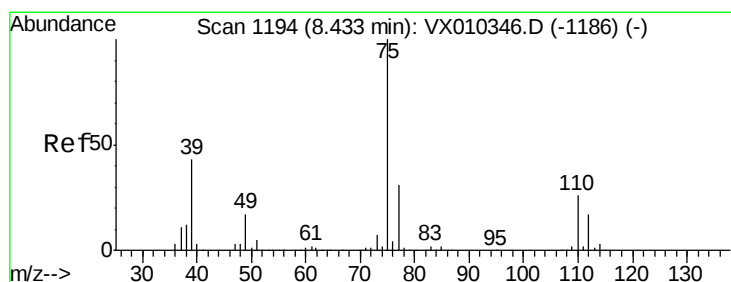
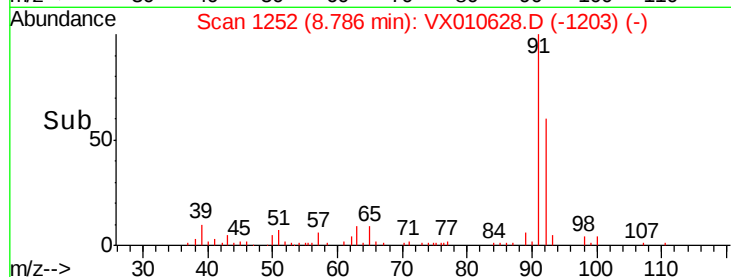
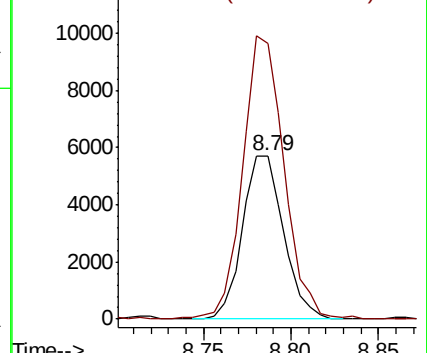
92 100

91 174.4 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#54

cis-1,3-Dichloropropene

Concen: 7.648 ug/l

RT: 8.62 min Scan# 1224

Delta R.T. 0.18 min

Lab File: VX010628.D

Acq: 02 Jul 2019 19:31

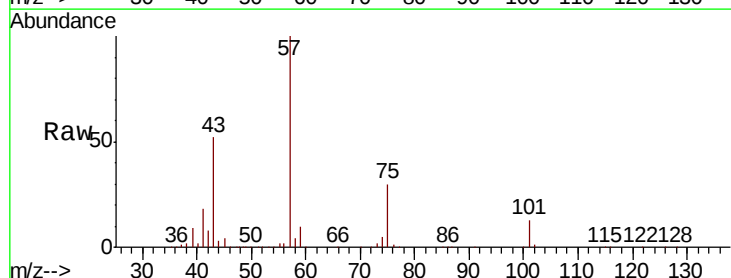
Tgt Ion: 75 Resp: 28100

Ion Ratio Lower Upper

75 100

77 0.9 25.2 37.8#

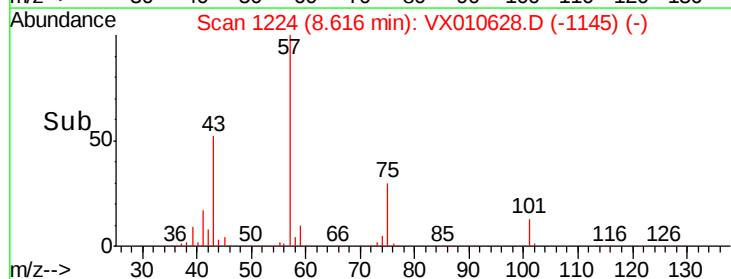
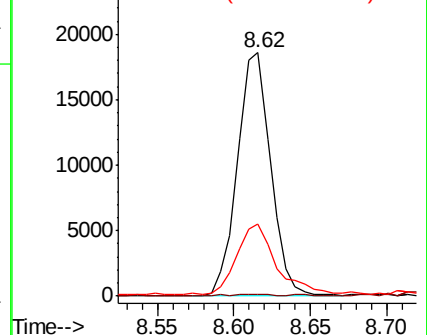
39 28.4 34.5 51.7#

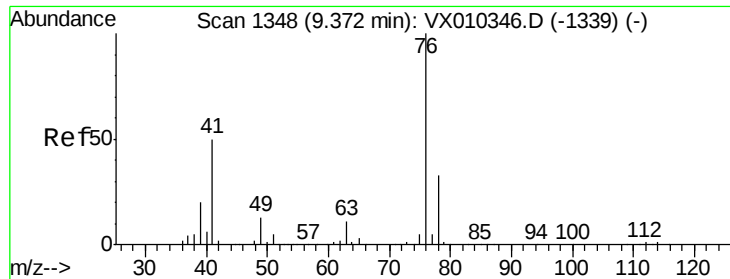


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 1.091 ug/l

RT: 9.54 min Scan# 1375

Delta R.T. 0.16 min

Lab File: VX010628.D

Acq: 02 Jul 2019 19:31

Instrument :

MSVOA_X

ClientSampleId :

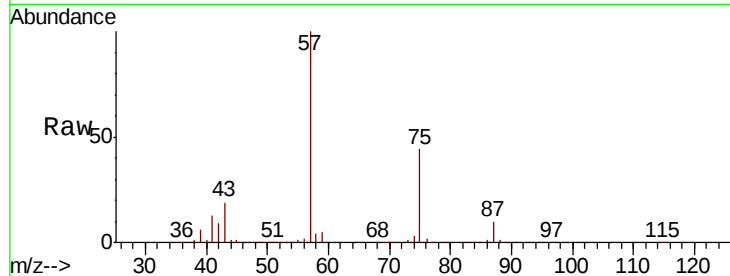
OIL-WATER-SEPARATOR-4-(OWS)-

Tot Ion: 76 Resp: 4179

Ion Ratio Lower Upper

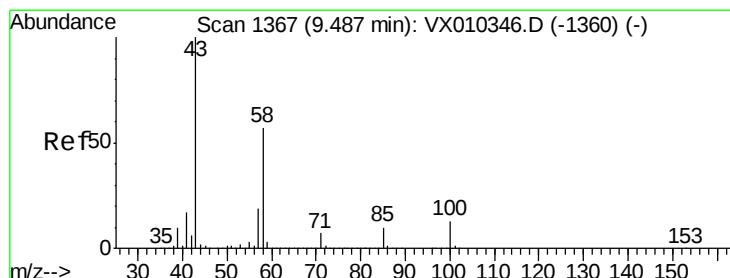
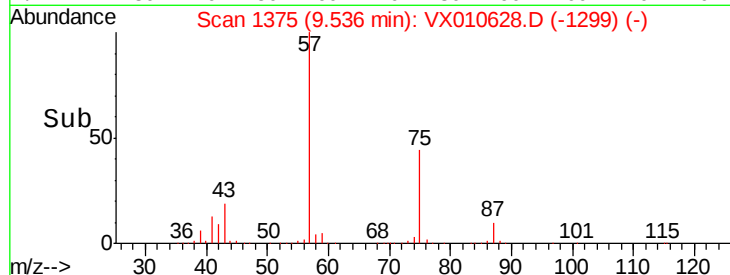
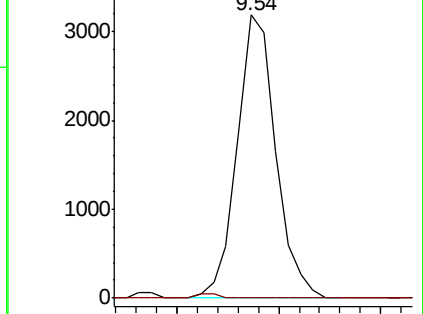
76 100

78 0.0 26.1 39.1#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#59

2-Hexanone

Concen: 20.489 ug/l

RT: 9.54 min Scan# 1376

Delta R.T. 0.05 min

Lab File: VX010628.D

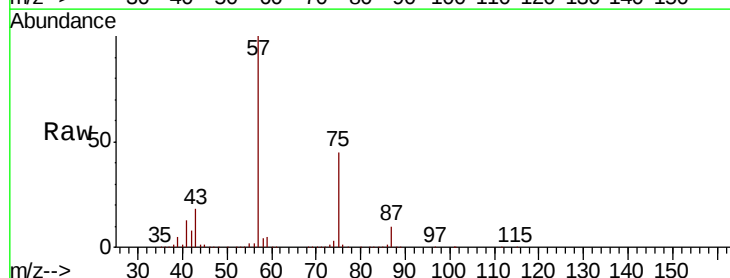
Acq: 02 Jul 2019 19:31

Tgt Ion: 43 Resp: 51177

Ion Ratio Lower Upper

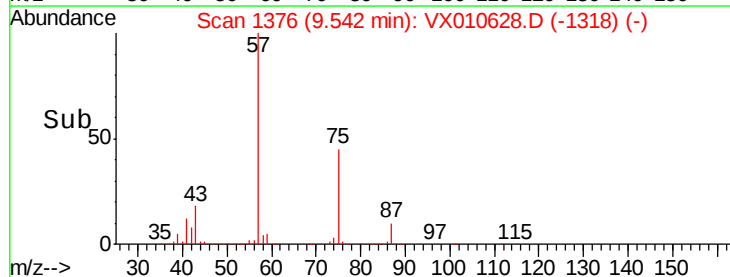
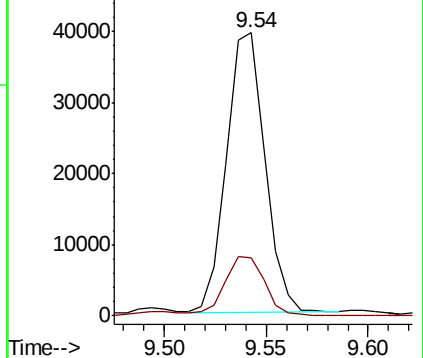
43 100

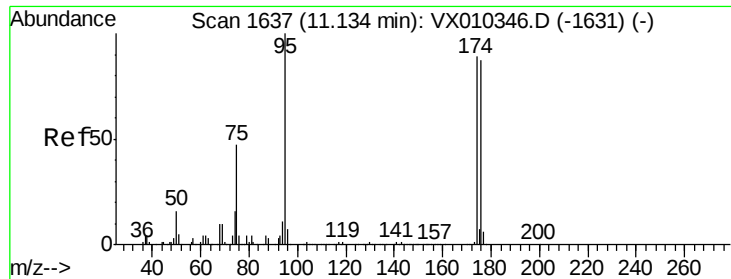
58 22.2 29.0 87.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#62

4-Bromofluorobenzene

Concen: 48.363 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010628.D

Acq: 02 Jul 2019 19:31

Instrument :

MSVOA_X

ClientSampleId :

OIL-WATER-SEPARATOR-4-(OWS)-

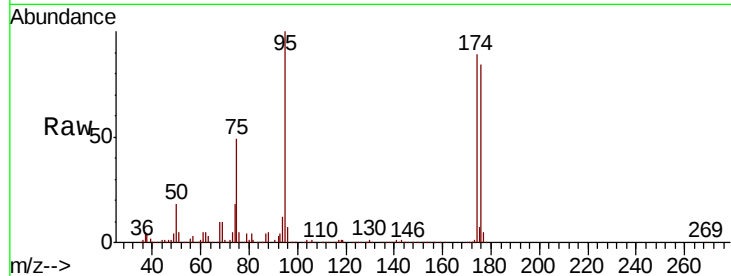
Tot Ion: 95 Resp: 149941

Ion Ratio Lower Upper

95 100

174 93.3 0.0 187.6

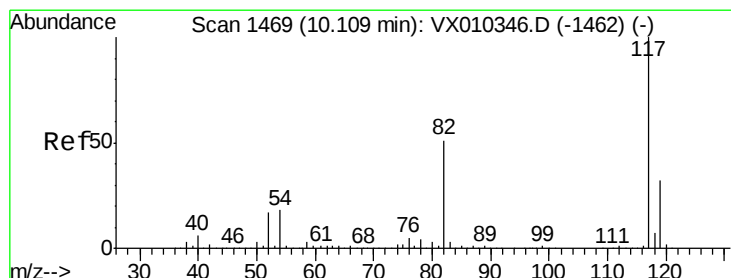
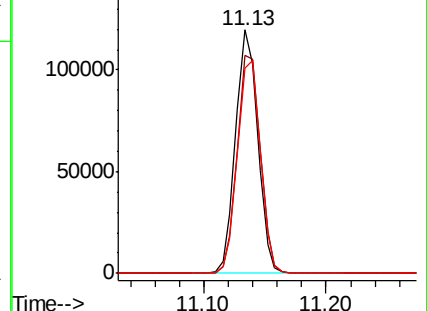
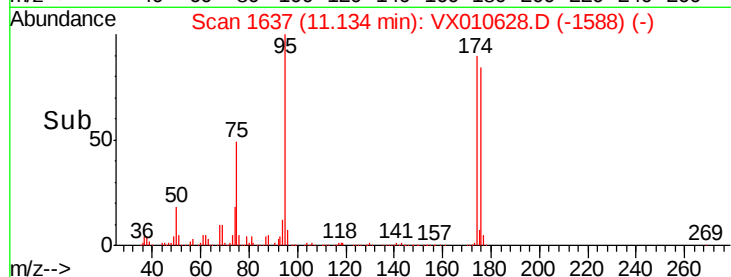
176 90.5 0.0 184.0



Abundance Ion 94.90 (94.60 to 95.60): VX010628.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX010628.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX010628.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX010628.D

Acq: 02 Jul 2019 19:31

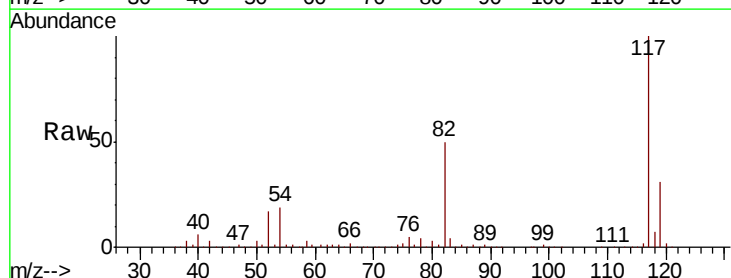
Tgt Ion: 117 Resp: 344525

Ion Ratio Lower Upper

117 100

82 49.9 41.2 61.8

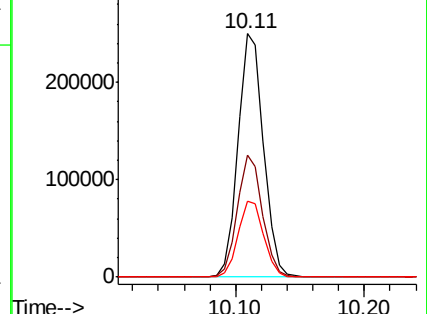
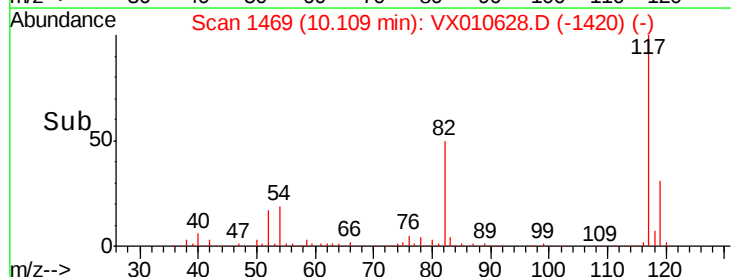
119 31.2 25.5 38.3

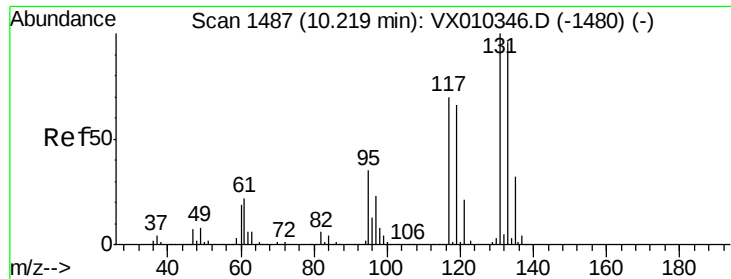


Abundance Ion 116.90 (116.60 to 117.60): VX010628.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX010628.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX010628.D (-1420) (-)

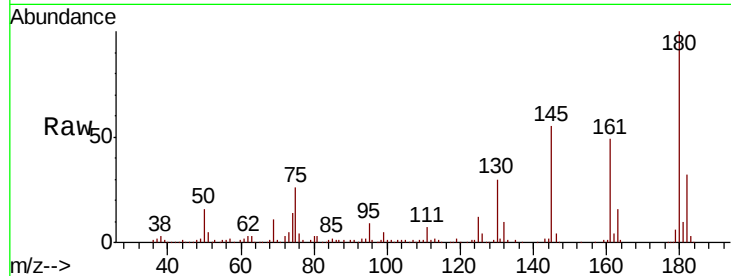




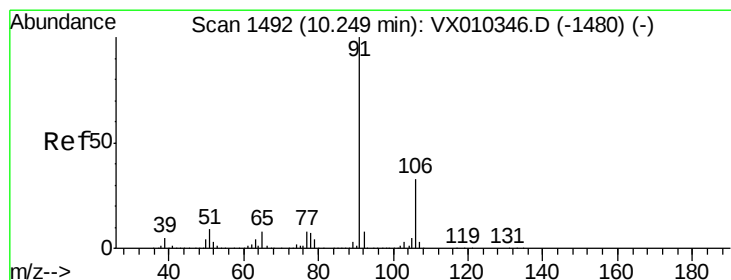
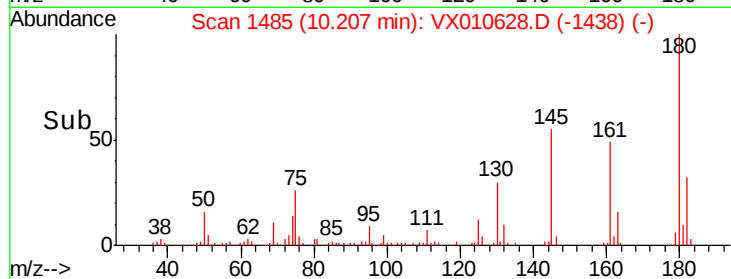
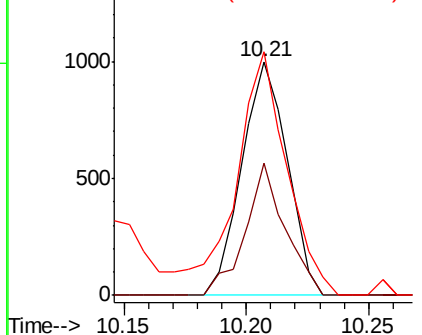
#66
 1,1,1,2-Tetrachloroethane
 Concen: 0.507 ug/l
 RT: 10.21 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: VX010628.D
 Acq: 02 Jul 2019 19:31

Instrument :
 MSVOA_X
 ClientSampleId :
 OIL-WATER-SEPARATOR-4-(OWS)-

Tot Ion:131 Resp: 1291
 Ion Ratio Lower Upper
 131 100
 133 49.6 47.7 143.1
 119 0.0 32.6 97.7#

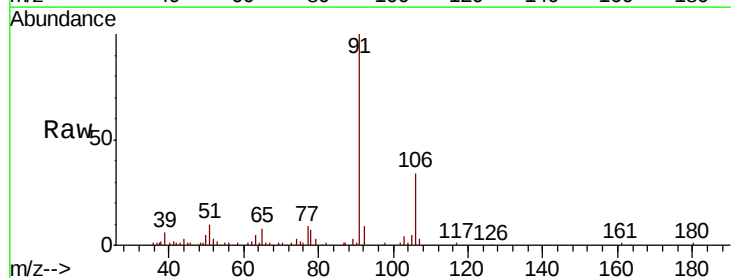


Abundance Ion 130.80 (130.50 to 131.50): V
 Ion 132.80 (132.50 to 133.50): V
 Ion 118.80 (118.50 to 119.50): V

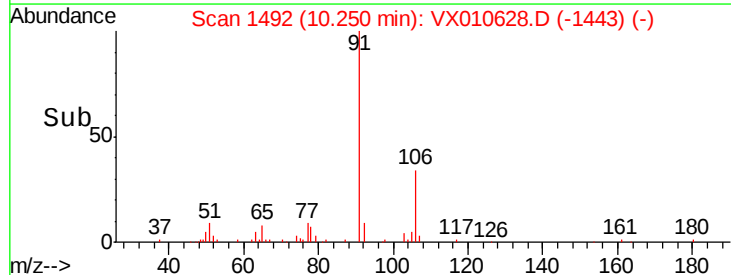
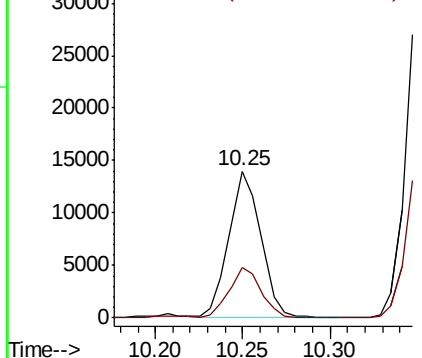


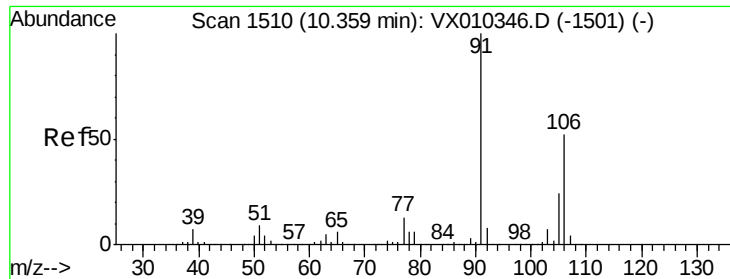
#67
 Ethyl Benzene
 Concen: 1.526 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: VX010628.D
 Acq: 02 Jul 2019 19:31

Tgt Ion: 91 Resp: 18024
 Ion Ratio Lower Upper
 91 100
 106 34.2 26.2 39.2



Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 106.00 (105.70 to 106.70): V

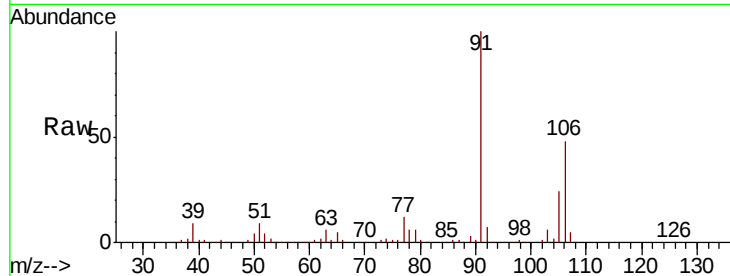




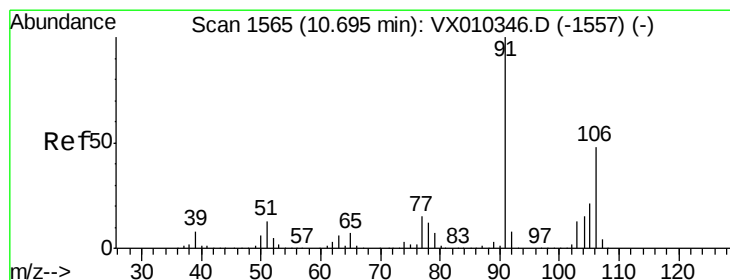
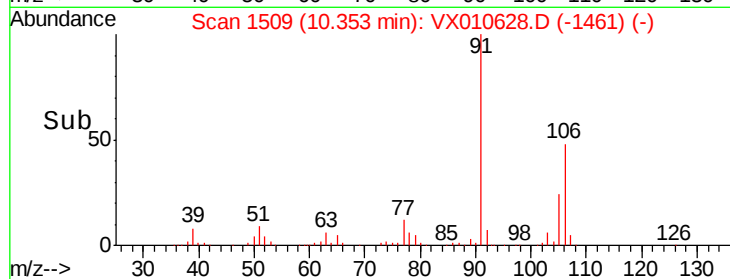
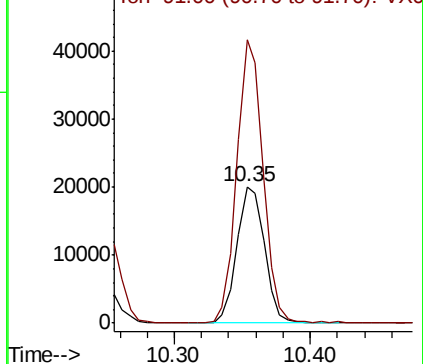
#68
m/p-Xylenes
Concen: 6.208 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX010628.D
Acq: 02 Jul 2019 19:31

Instrument :
MSVOA_X
ClientSampleId :
OIL-WATER-SEPARATOR-4-(OWS)-

Tot Ion:106 Resp: 28406
Ion Ratio Lower Upper
106 100
91 196.4 155.3 232.9

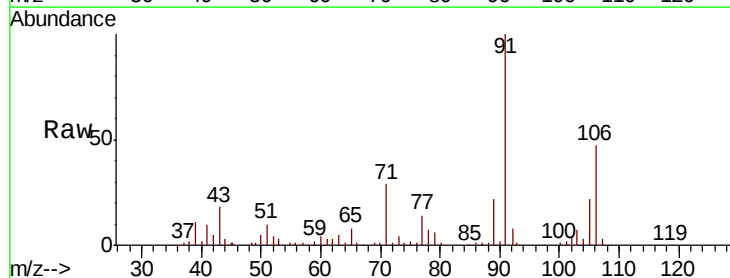


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

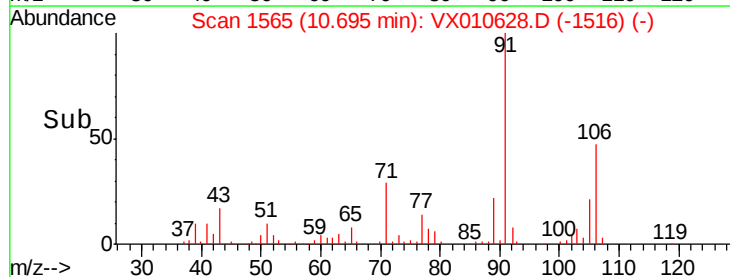
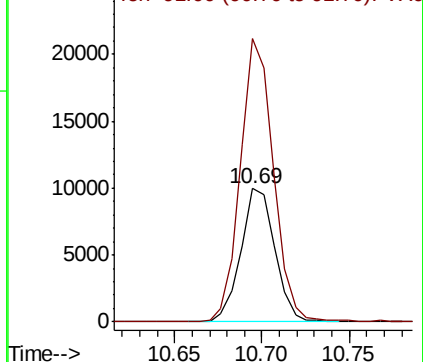


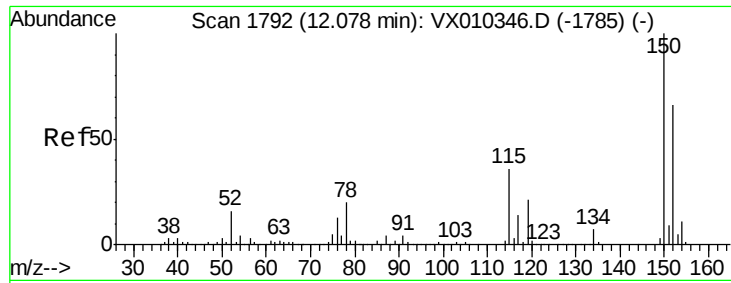
#69
o-Xylene
Concen: 3.006 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010628.D
Acq: 02 Jul 2019 19:31

Tgt Ion:106 Resp: 13525
Ion Ratio Lower Upper
106 100
91 206.1 102.7 308.1



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010628.D

Acq: 02 Jul 2019 19:31

Instrument :

MSVOA_X

ClientSampleId :

OIL-WATER-SEPARATOR-4-(OWS)-

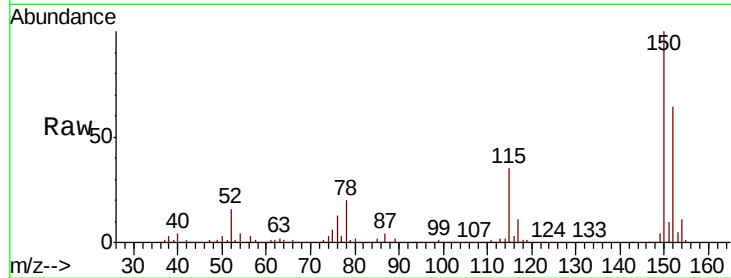
Tot Ion:152 Resp: 160435

Ion Ratio Lower Upper

152 100

115 55.3 38.6 115.7

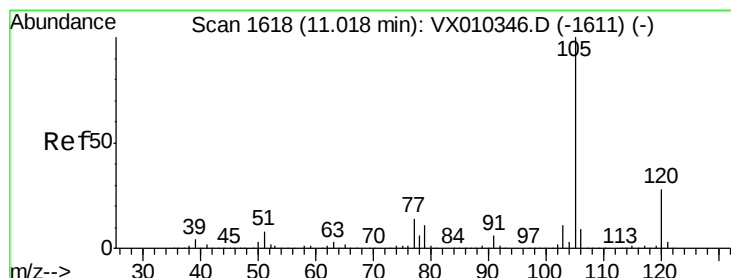
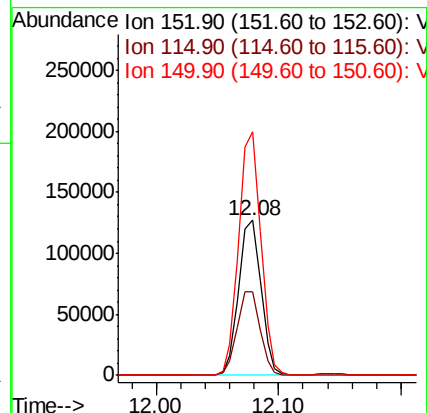
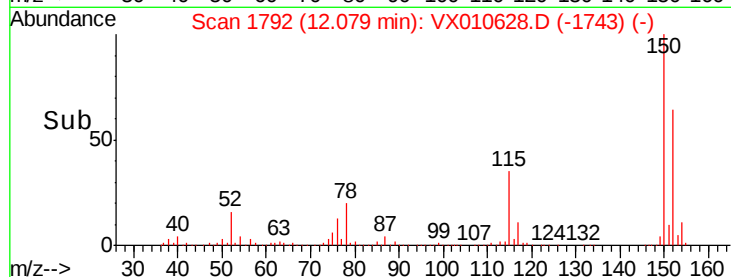
150 155.7 0.0 347.4



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



#73

Isopropylbenzene

Concen: 0.305 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010628.D

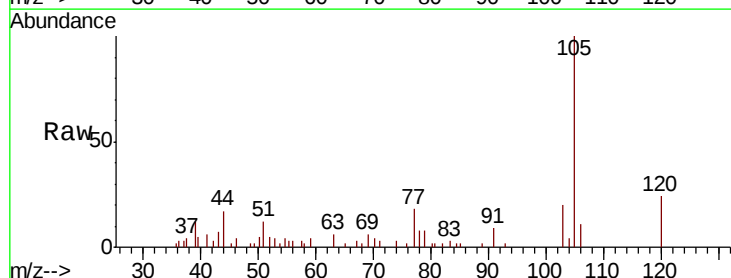
Acq: 02 Jul 2019 19:31

Tgt Ion:105 Resp: 3314

Ion Ratio Lower Upper

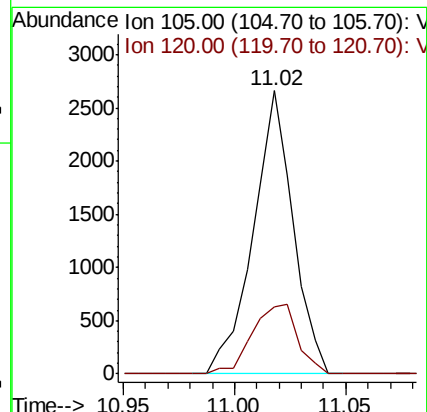
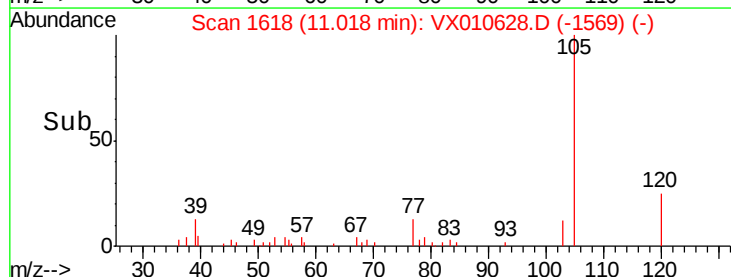
105 100

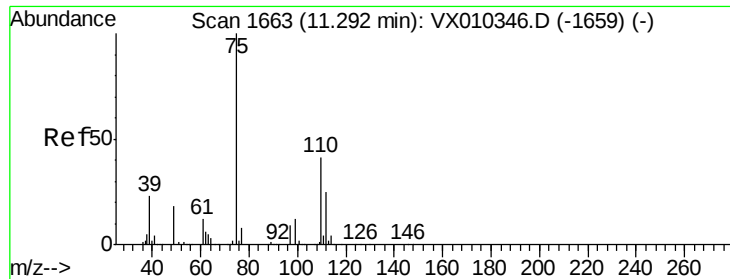
120 28.0 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

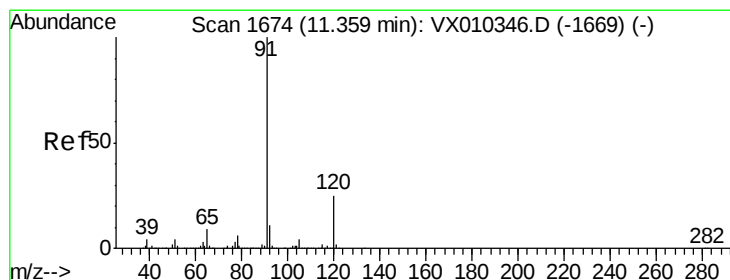
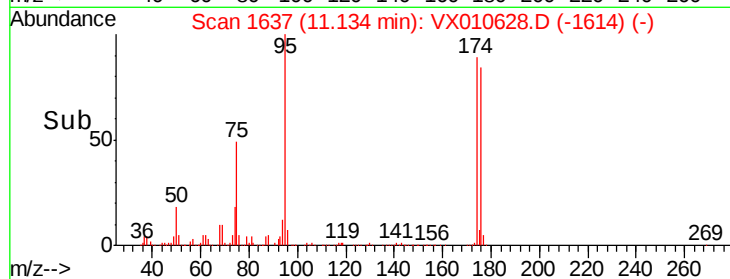
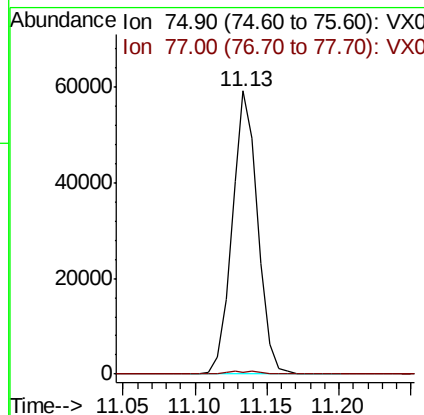
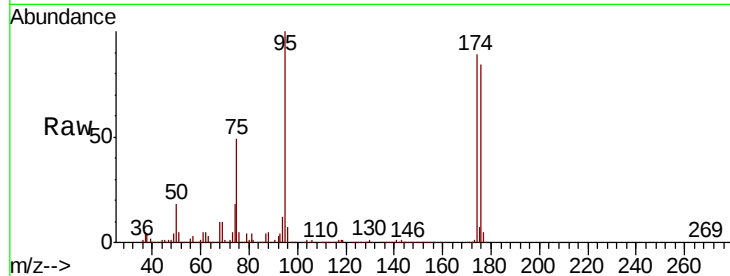




#76
 1,2,3-Trichloropropane
 Concen: 25.030 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX010628.D
 Acq: 02 Jul 2019 19:31

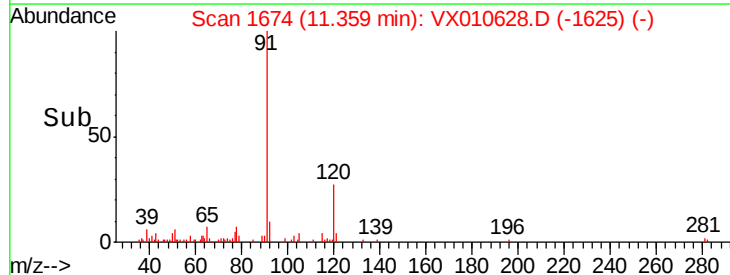
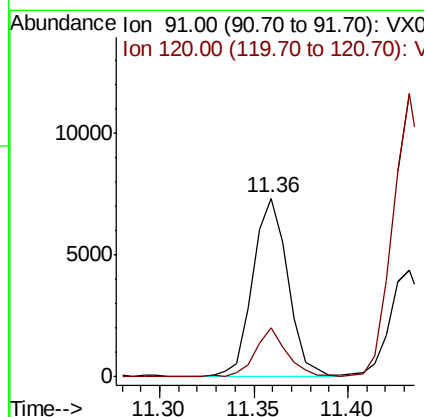
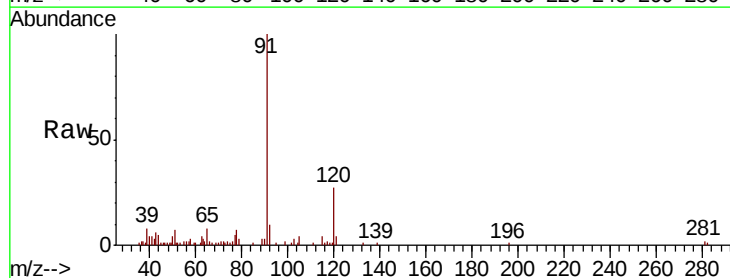
Instrument :
 MSVOA_X
 ClientSampleId :
 OIL-WATER-SEPERATOR-4-(OWS)-

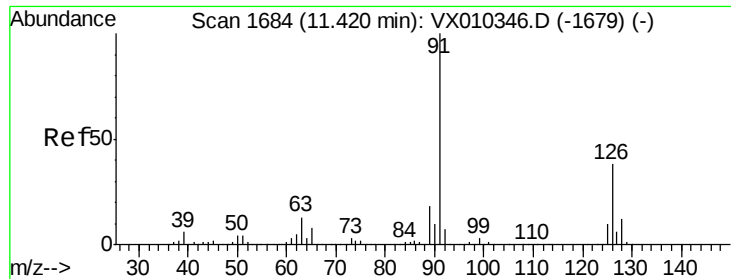
Tot Ion: 75 Resp: 73177
 Ion Ratio Lower Upper
 75 100
 77 1.3 22.6 67.8#



#78
 n-propylbenzene
 Concen: 0.798 ug/l
 RT: 11.36 min Scan# 1674
 Delta R.T. 0.00 min
 Lab File: VX010628.D
 Acq: 02 Jul 2019 19:31

Tgt Ion: 91 Resp: 9540
 Ion Ratio Lower Upper
 91 100
 120 24.6 12.4 37.4





#79

2-Chlorotoluene

Concen: 0.927 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX010628.D

Acq: 02 Jul 2019 19:31

Instrument :

MSVOA_X

ClientSampleId :

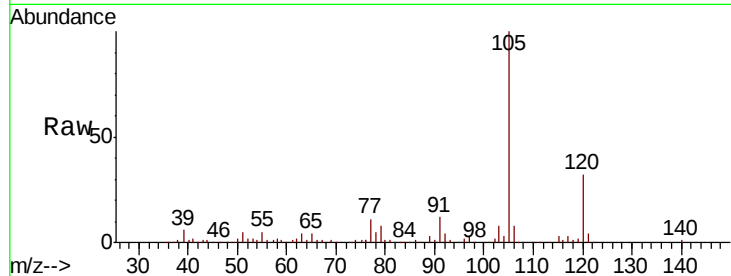
OIL-WATER-SEPARATOR-4-(OWS)-

Tot Ion: 91 Resp: 6597

Ion Ratio Lower Upper

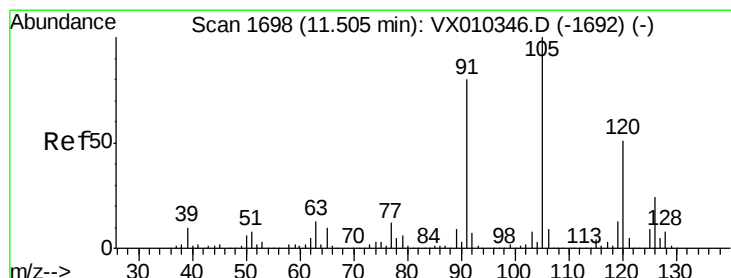
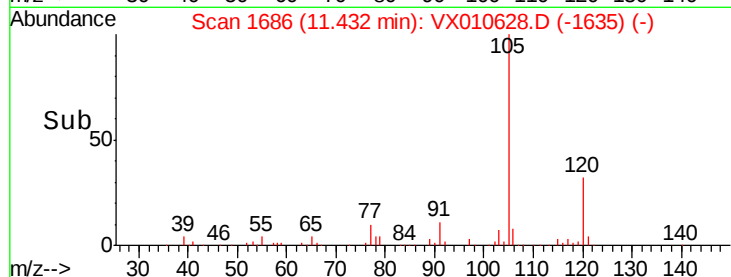
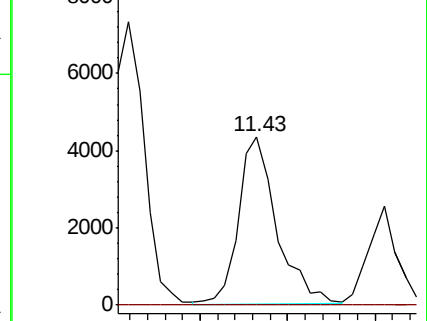
91 100

126 0.0 18.7 56.1#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 2.802 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX010628.D

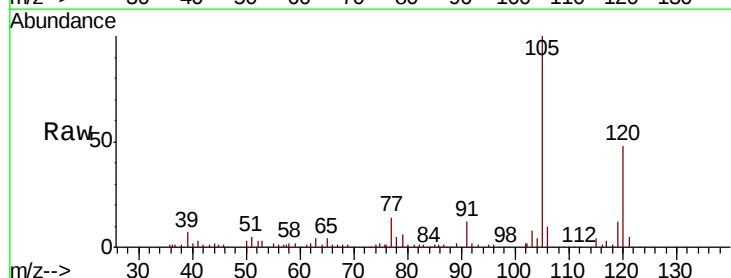
Acq: 02 Jul 2019 19:31

Tgt Ion:105 Resp: 25121

Ion Ratio Lower Upper

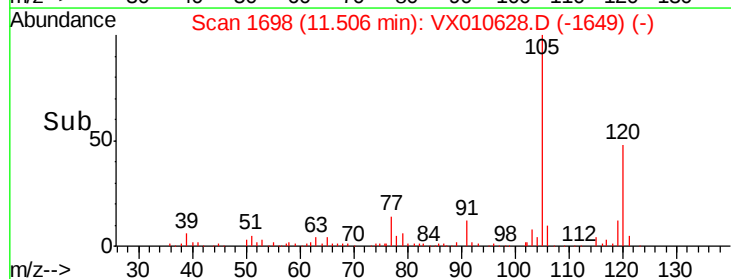
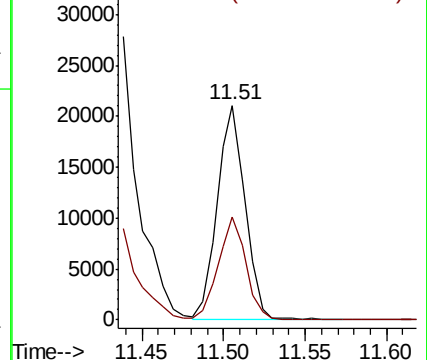
105 100

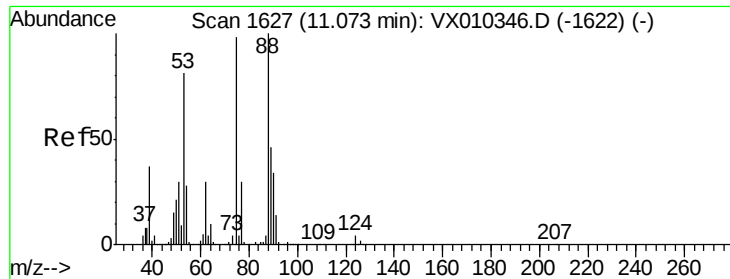
120 47.7 25.2 75.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

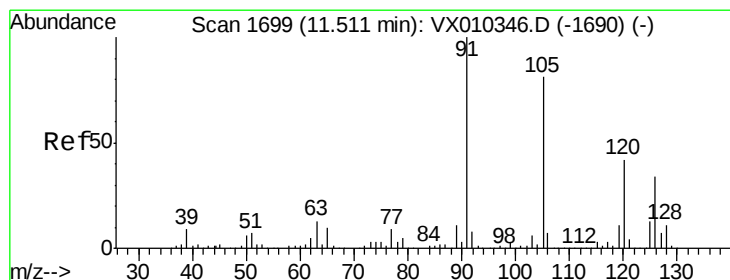
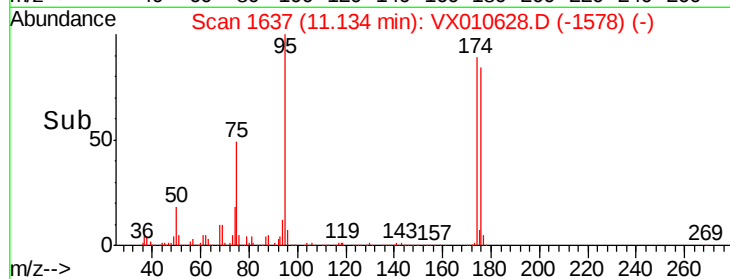
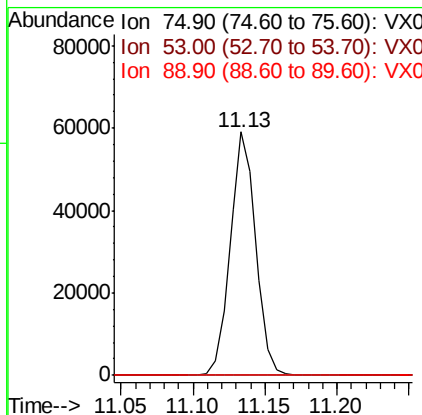
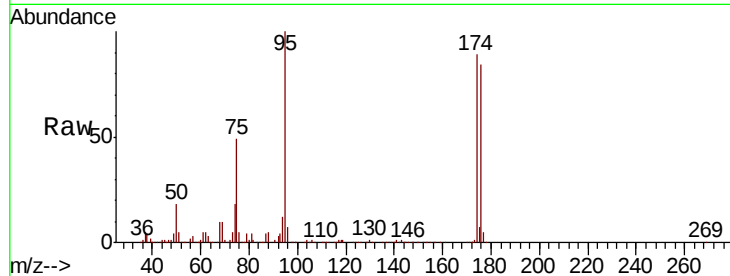




#81
trans-1,4-Dichloro-2-butene
Concen: 58.393 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX010628.D
Acq: 02 Jul 2019 19:31

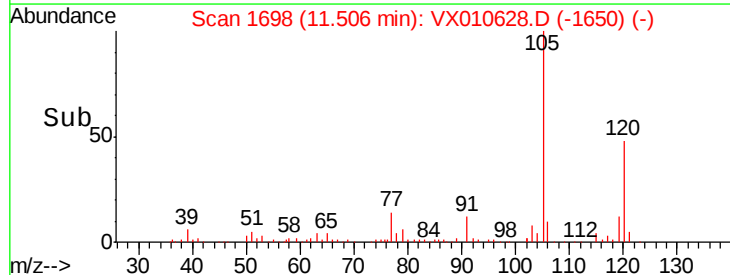
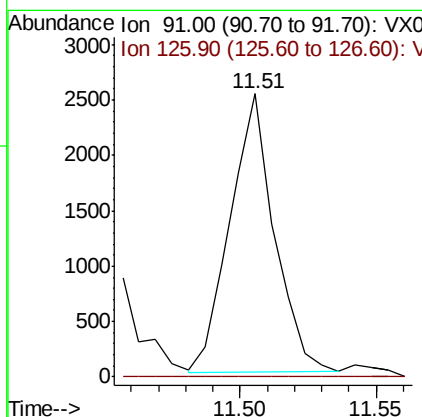
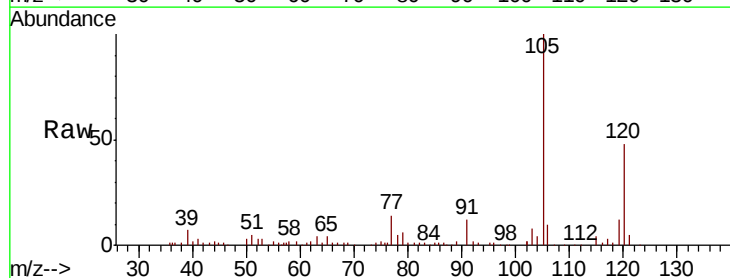
Instrument :
MSVOA_X
ClientSampleId :
OIL-WATER-SEPARATOR-4-(OWS)-

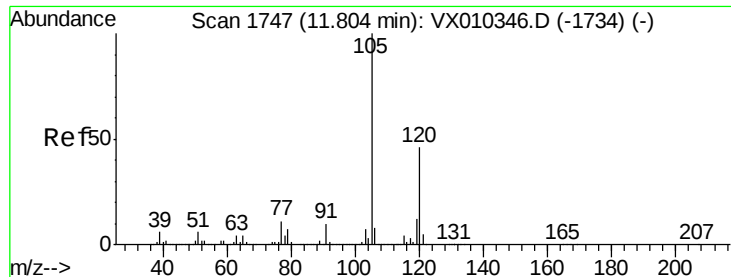
Tot Ion: 75 Resp: 73177
Ion Ratio Lower Upper
75 100
53 0.1 66.1 99.1#
89 0.0 37.8 56.6#



#82
4-Chlorotoluene
Concen: 0.349 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX010628.D
Acq: 02 Jul 2019 19:31

Tgt Ion: 91 Resp: 2824
Ion Ratio Lower Upper
91 100
126 0.0 16.2 48.6#





#84

1,2,4-Trimethylbenzene

Concen: 9.598 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX010628.D

Acq: 02 Jul 2019 19:31

Instrument :

MSVOA_X

ClientSampleId :

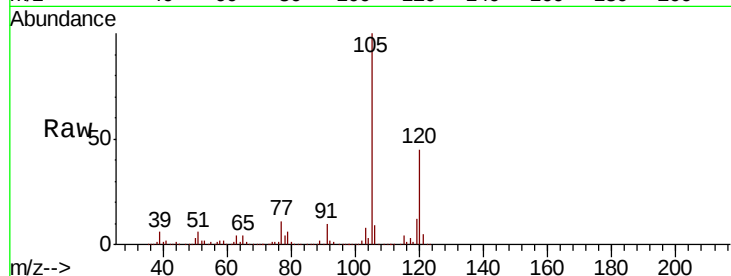
OIL-WATER-SEPARATOR-4-(OWS)-

Tot Ion:105 Resp: 86453

Ion Ratio Lower Upper

105 100

120 45.9 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

80000

60000

40000

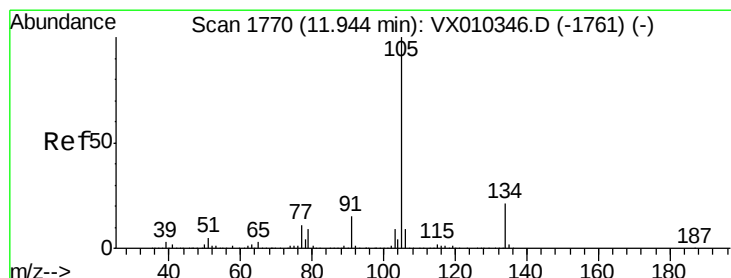
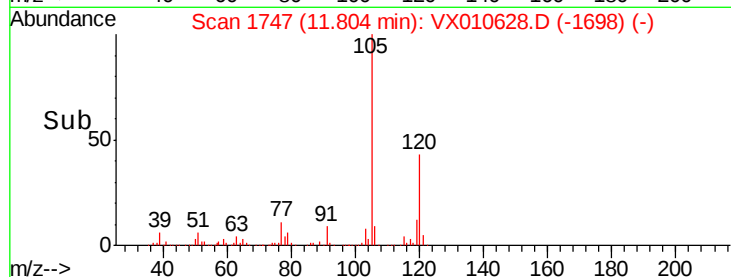
20000

0

11.80

11.90

Time-->



#85

sec-Butylbenzene

Concen: 0.389 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010628.D

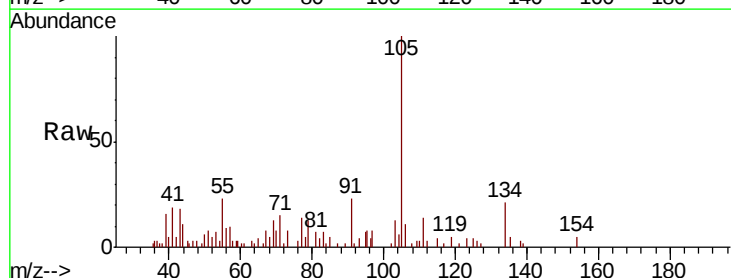
Acq: 02 Jul 2019 19:31

Tgt Ion:105 Resp: 4110

Ion Ratio Lower Upper

105 100

134 30.4 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

3000

2000

1000

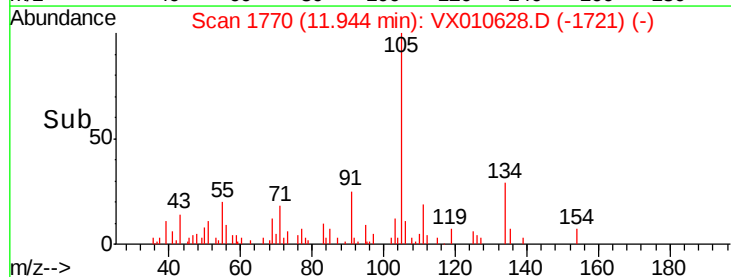
0

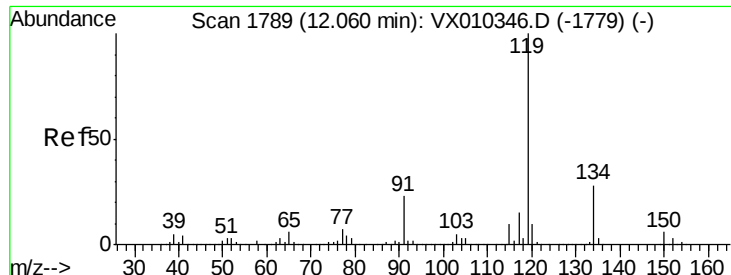
11.94

11.95

12.00

Time-->

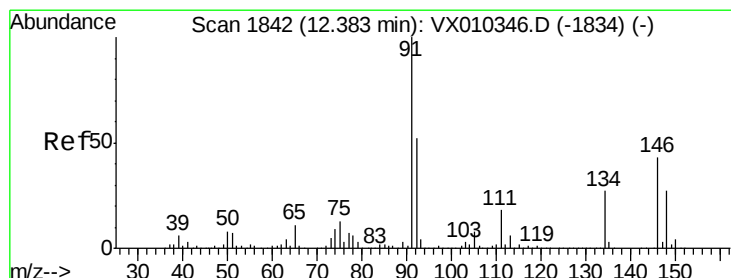
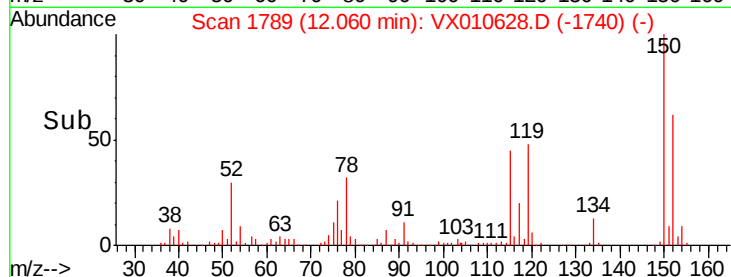
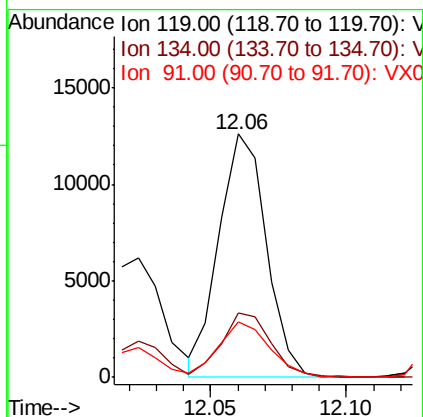
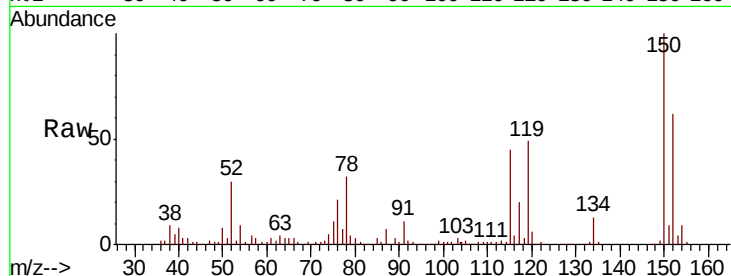




#86
p-Isopropyltoluene
Concen: 1.559 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX010628.D
Acq: 02 Jul 2019 19:31

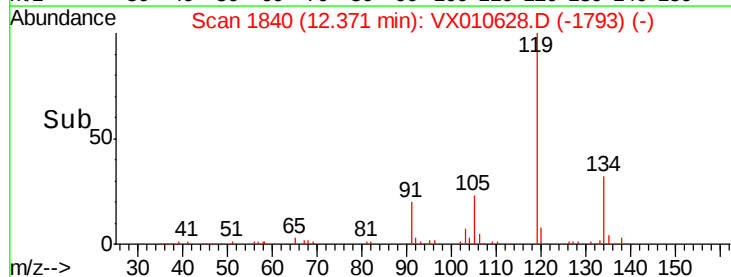
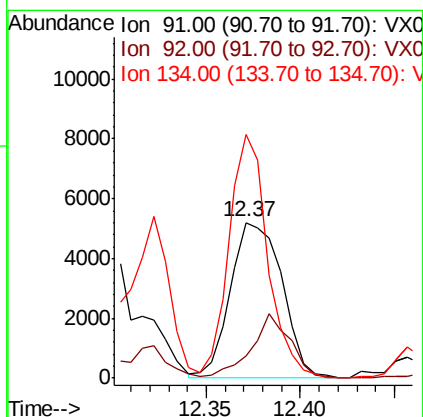
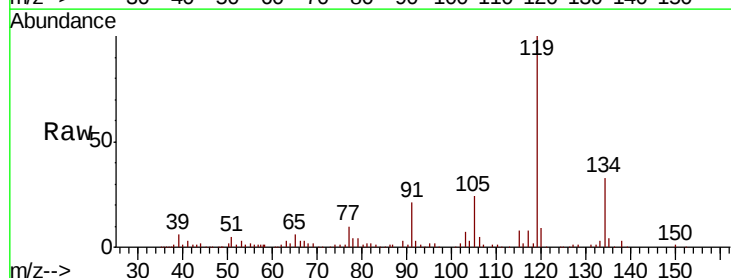
Instrument :
MSVOA_X
ClientSampleId :
OIL-WATER-SEPARATOR-4-(OWS)-

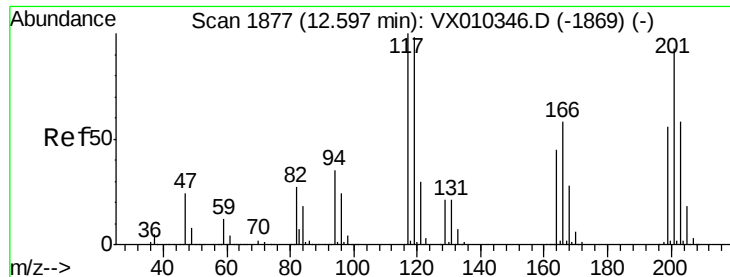
Tot Ion	Ratio	Lower	Upper
119	100		
134	28.0	13.7	41.1
91	24.6	11.3	33.8



#89
n-Butylbenzene
Concen: 1.189 ug/l
RT: 12.37 min Scan# 1840
Delta R.T. -0.01 min
Lab File: VX010628.D
Acq: 02 Jul 2019 19:31

Tgt Ion	Ratio	Lower	Upper
91	100		
92	31.5	26.2	78.5
134	117.1	14.1	42.4

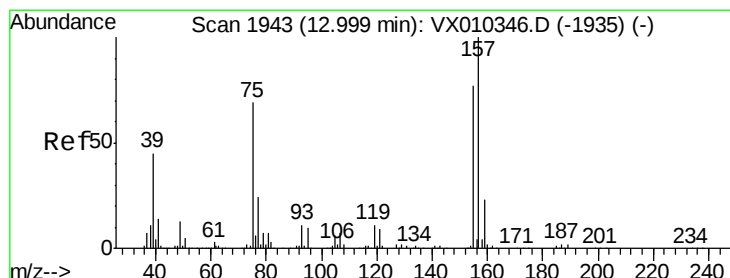
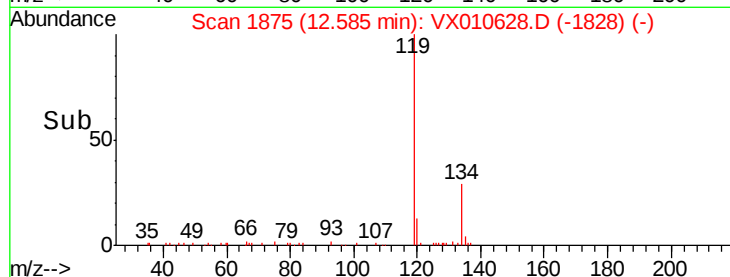
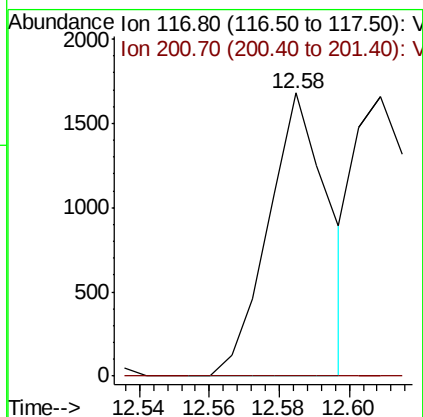
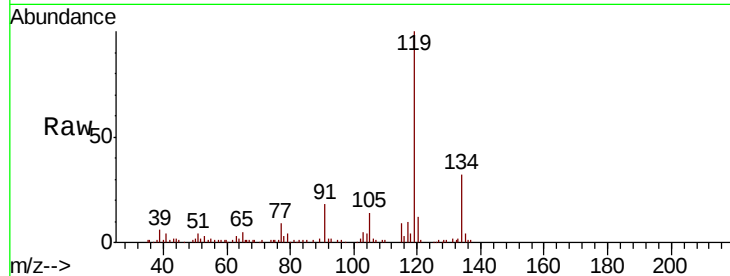




#90
Hexachloroethane
Concen: 1.187 ug/l
RT: 12.58 min Scan# 1875
Delta R.T. -0.01 min
Lab File: VX010628.D
Acq: 02 Jul 2019 19:31

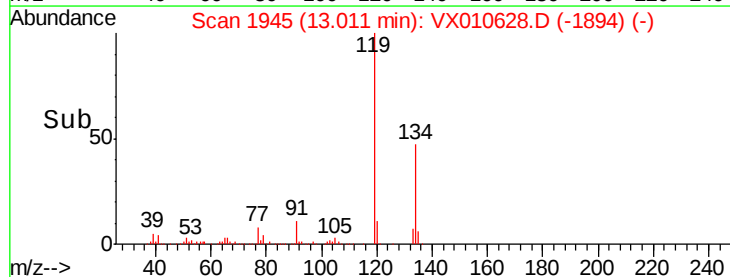
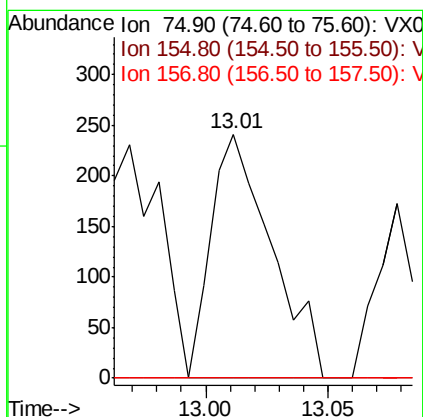
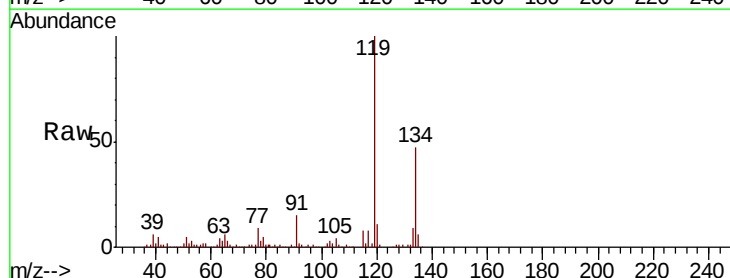
Instrument :
MSVOA_X
ClientSampleId :
OIL-WATER-SEPARATOR-4-(OWS)-

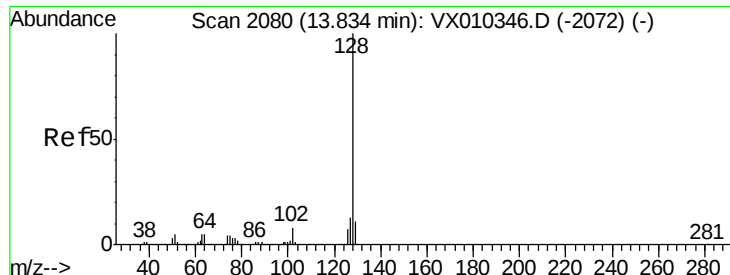
Tot Ion:117 Resp: 2006
Ion Ratio Lower Upper
117 100
201 0.0 44.0 131.8#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.533 ug/l
RT: 13.01 min Scan# 1945
Delta R.T. 0.01 min
Lab File: VX010628.D
Acq: 02 Jul 2019 19:31

Tgt Ion: 75 Resp: 414
Ion Ratio Lower Upper
75 100
155 0.0 54.4 163.1#
157 0.0 69.5 208.3#





#95
Naphthalene
Concen: 2.897 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010628.D
Acq: 02 Jul 2019 19:31

Instrument :
MSVOA_X
ClientSampleId :
OIL-WATER-SEPERATOR-4-(OWS)-

Tot Ion:128 Resp: 32531
Ion Ratio Lower Upper
128 100
127 13.5 10.2 15.4
129 13.8 8.9 13.3#

