

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111418\
 Data File : VX005996.D
 Acq On : 15 Nov 2018 01:54
 Operator : JC/MD
 Sample : J5939-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OILY-WATER

Quant Time: Nov 15 06:09:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	129385	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	183097	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	151642	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	78024	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	72960	49.05	ug/l	0.00
Spiked Amount			Recovery	=	98.10%	
35) Dibromofluoromethane	5.50	113	63128	50.69	ug/l	0.00
Spiked Amount			Recovery	=	101.38%	
50) Toluene-d8	8.71	98	199517	48.19	ug/l	0.00
Spiked Amount			Recovery	=	96.38%	
62) 4-Bromofluorobenzene	11.14	95	71265	47.88	ug/l	0.00
Spiked Amount			Recovery	=	95.76%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	362	0.385	ug/l	82
10) Methyl Iodide	2.52	142	386	0.271	ug/l #	71
11) Tert butyl alcohol	3.07	59	198	0.465	ug/l #	72
13) Acrolein	2.29	56	42	19.354	ug/l #	1
15) Acrylonitrile	3.15	53	249	0.282	ug/l	97
16) Acetone	2.45	43	3762	4.697	ug/l	97
17) Carbon Disulfide	2.57	76	1122	0.329	ug/l #	77
18) Methyl Acetate	2.78	43	588	Below Cal	#	55
20) Methylene Chloride	2.85	84	1020	0.775	ug/l	90
25) 2-Butanone	4.70	43	1239	0.984	ug/l	94
31) Cyclohexane	5.66	56	2353	1.136	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	8279	4.690	ug/l #	49
37) Ethyl Acetate	4.70	43	1239	0.534	ug/l #	69
38) Carbon Tetrachloride	5.67	117	10990	6.219	ug/l #	16
51) 4-Methyl-2-Pentanone	8.65	43	596	0.281	ug/l	92
55) 1,1,2-Trichloroethane	9.16	97	452	0.353	ug/l #	14
68) m/p-Xylenes	10.37	106	396	0.213	ug/l	76
73) Isopropylbenzene	11.02	105	4877	1.081	ug/l	99
74) N-amyl acetate	10.91	43	495	1.441	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.27	83	385	0.232	ug/l #	26
76) 1,2,3-Trichloropropane	11.14	75	35613	22.416	ug/l #	37
78) n-propylbenzene	11.36	91	2664	0.501	ug/l	95
81) trans-1,4-Dichloro-2-buten	11.14	75	35613	71.443	ug/l #	9
83) tert-Butylbenzene	11.77	119	1182	0.305	ug/l	85
85) sec-Butylbenzene	11.94	105	16791	3.540	ug/l	92
86) p-Isopropyltoluene	12.24	119	4237	1.008	ug/l	93
89) n-Butylbenzene	12.39	91	3539	0.909	ug/l	85
90) Hexachloroethane	12.67	117	3016	4.299	ug/l #	2
92) 1,2-Dibromo-3-Chloropropan	12.97	75	227	0.562	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.65	180	497	0.289	ug/l #	1
94) Hexachlorobutadiene	13.79	225	227	0.251	ug/l	96
95) Naphthalene	13.83	128	6723	2.347	ug/l #	89
96) 1,2,3-Trichlorobenzene	14.02	180	499	0.285	ug/l #	1

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Quant Title : SW846 8260
QLast Update : Wed Nov 07 14:40:53 2018
Response via : Initial Calibration

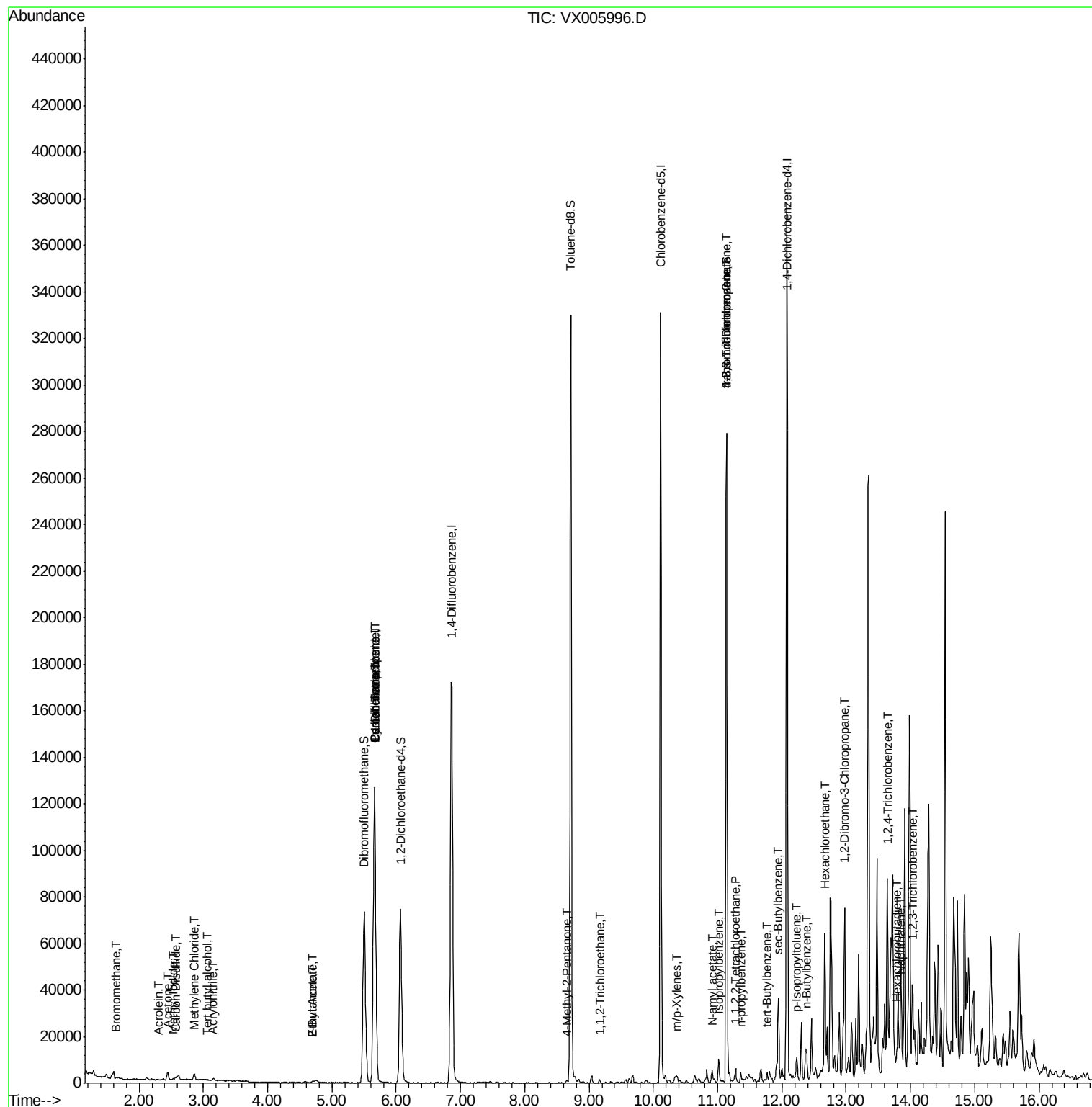
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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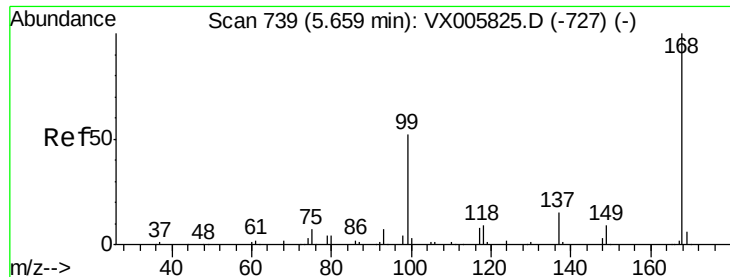
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Nov 07 14:40:53 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005996.D

Acq: 15 Nov 2018 01:54

Instrument :

MSVOA_X

ClientSampled :

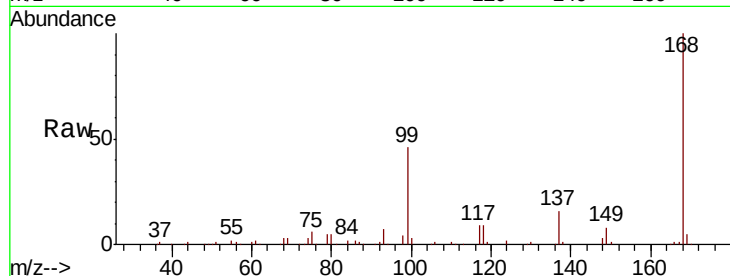
OILY-WATER

Tot Ion:168 Resp: 129385

Ion Ratio Lower Upper

168 100

99 46.3 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

50000

40000

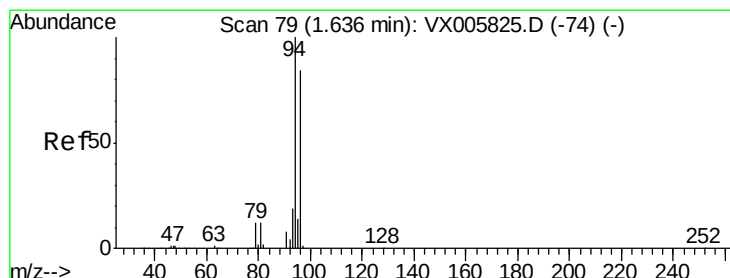
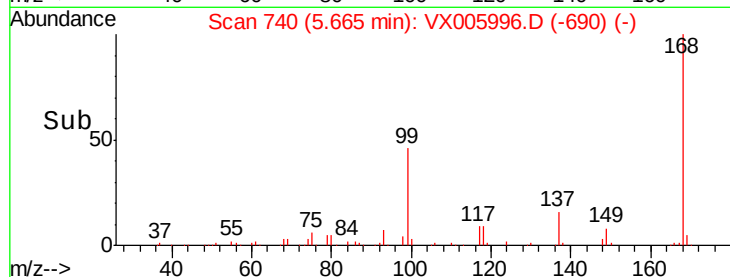
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 0.385 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX005996.D

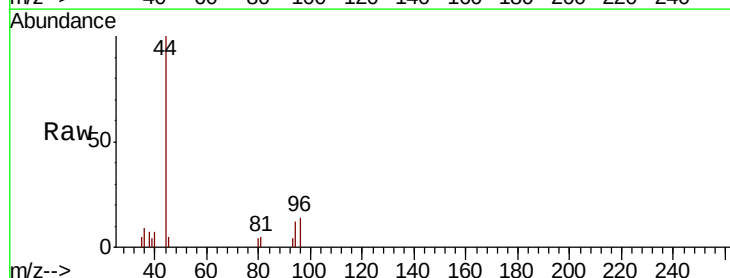
Acq: 15 Nov 2018 01:54

Tgt Ion: 94 Resp: 362

Ion Ratio Lower Upper

94 100

96 110.9 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.65

200

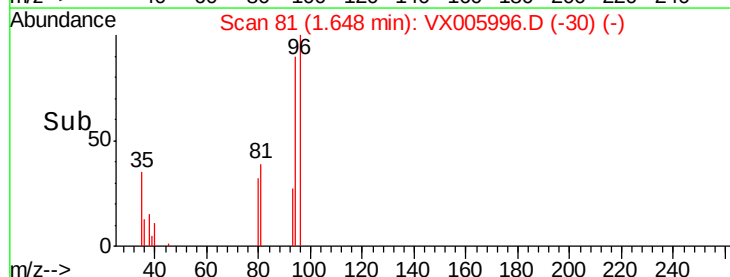
150

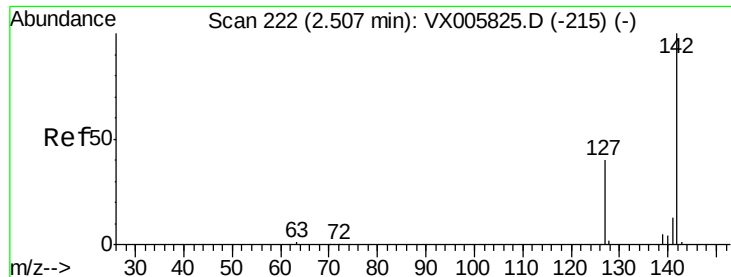
100

50

0

Time--> 1.60 1.65 1.70

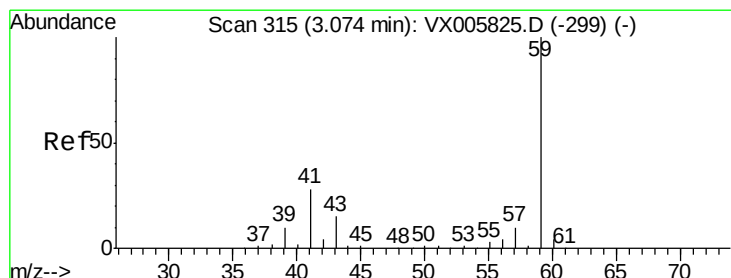
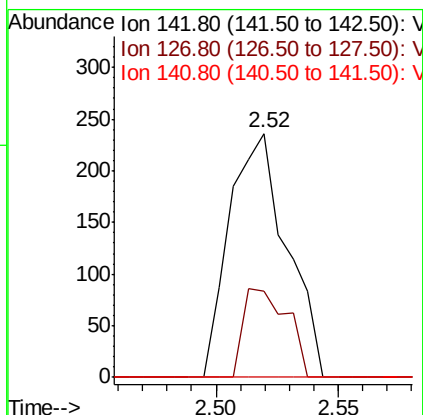
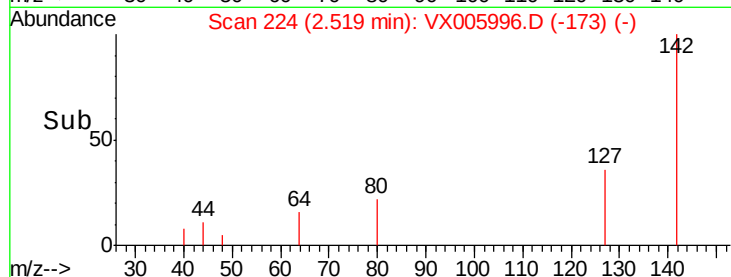
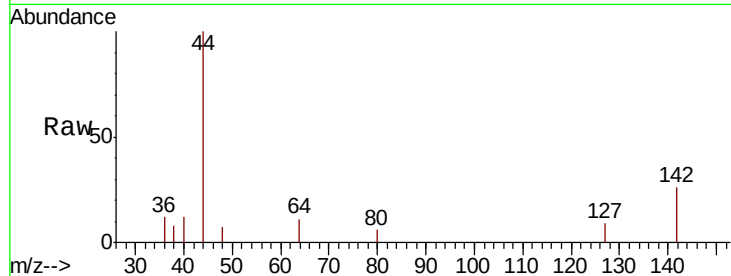




#10
Methvl Iodide
Concen: 0.271 ug/l
RT: 2.52 min Scan# 224
Delta R.T. 0.01 min
Lab File: VX005996.D
Acq: 15 Nov 2018 01:54

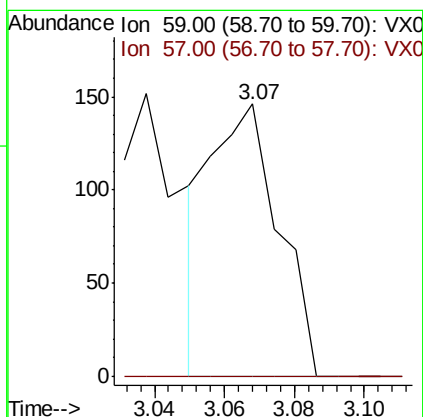
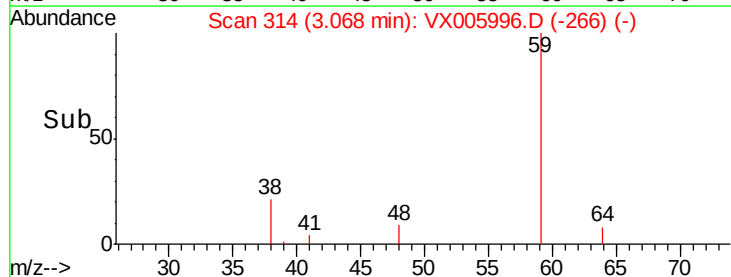
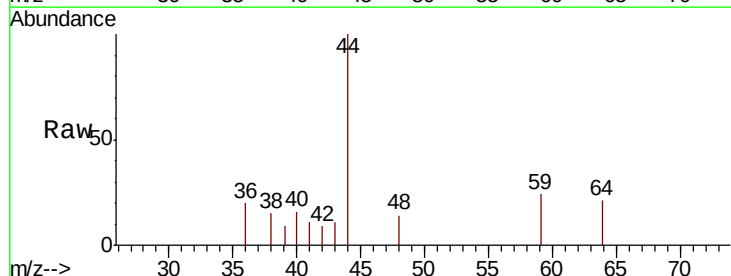
Instrument :
MSVOA_X
ClientSampleId :
OILY-WATER

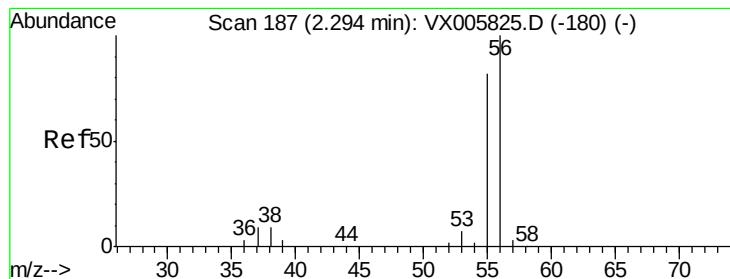
Tot Ion:142 Resp: 386
Ion Ratio Lower Upper
142 100
127 27.7 36.0 54.0#
141 0.0 11.7 17.5#



#11
Tert butyl alcohol
Concen: 0.465 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX005996.D
Acq: 15 Nov 2018 01:54

Tgt Ion: 59 Resp: 198
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#





#13

Acrolein

Concen: 19.354 ug/l

RT: 2.29 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX005996.D

Acq: 15 Nov 2018 01:54

Instrument :

MSVOA_X

ClientSampled :

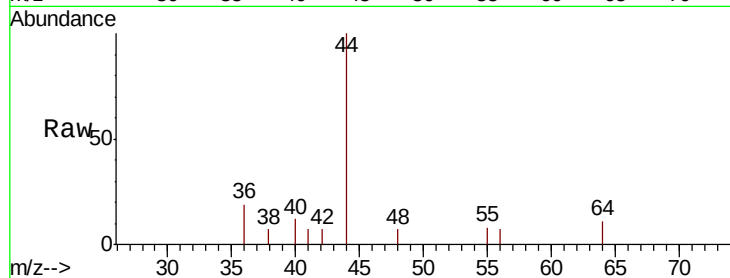
OILY-WATER

Tot Ion: 56 Resp: 42

Ion Ratio Lower Upper

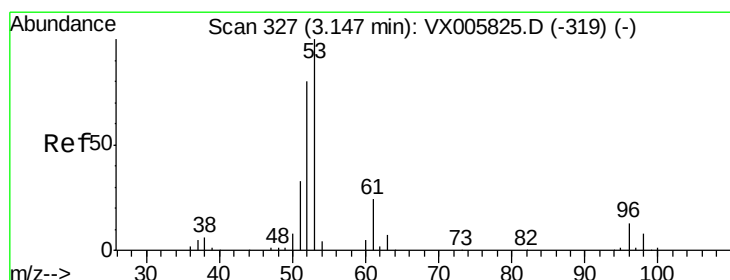
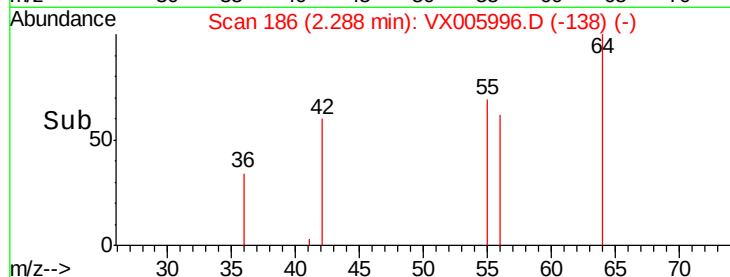
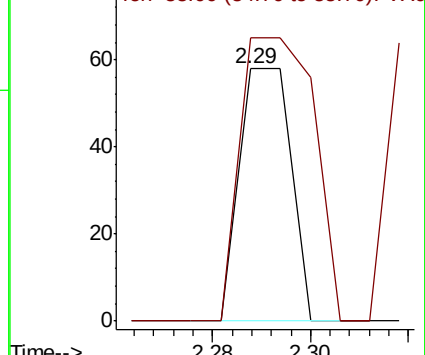
56 100

55 161.9 57.3 85.9#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#15

Acrylonitrile

Concen: 0.282 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX005996.D

Acq: 15 Nov 2018 01:54

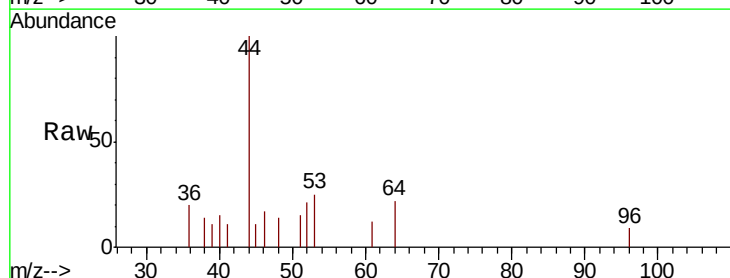
Tgt Ion: 53 Resp: 249

Ion Ratio Lower Upper

53 100

52 83.5 66.6 99.8

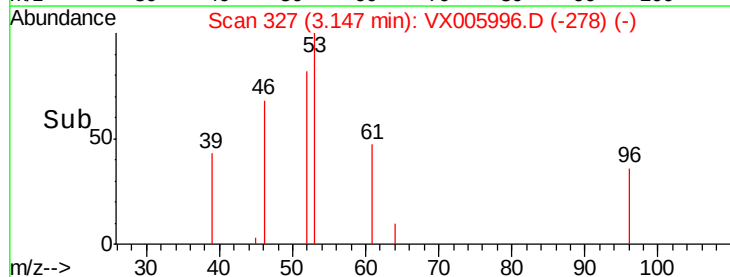
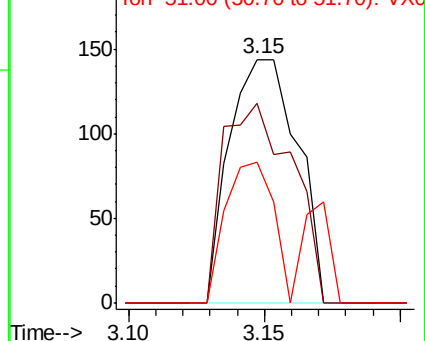
51 40.6 28.4 42.6

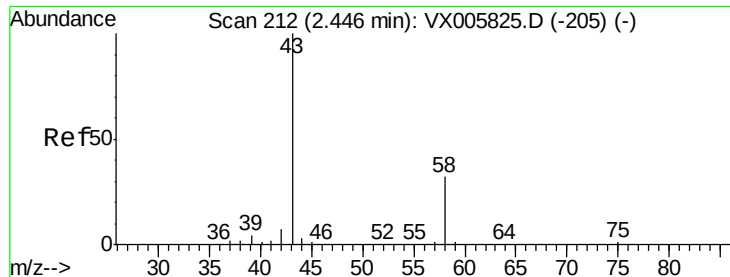


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#16

Acetone

Concen: 4.697 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005996.D

Acq: 15 Nov 2018 01:54

Instrument :

MSVOA_X

ClientSampleId :

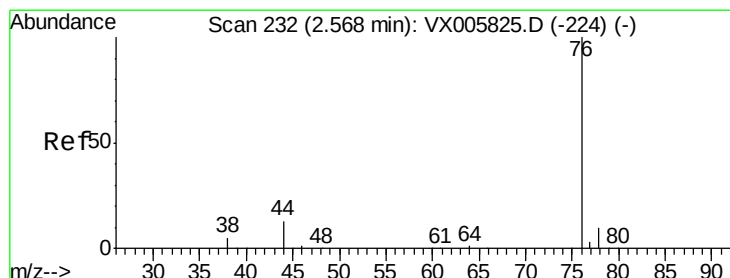
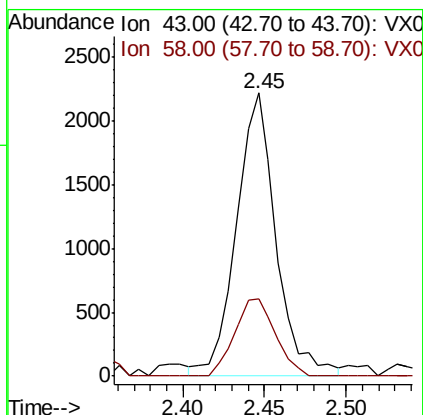
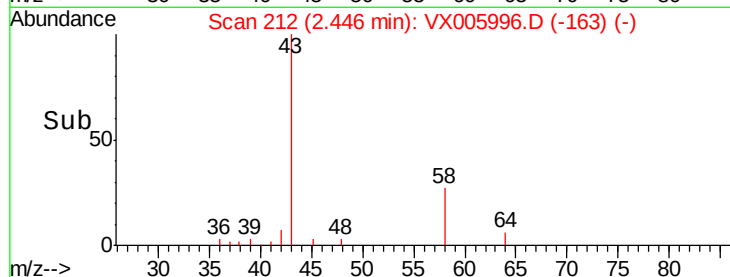
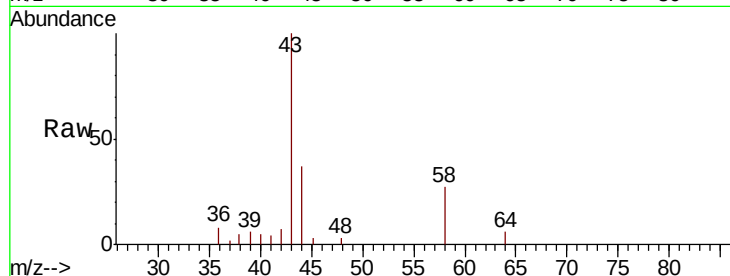
OILY-WATER

Tot Ion: 43 Resp: 3762

Ion Ratio Lower Upper

43 100

58 28.2 23.8 35.6



#17

Carbon Disulfide

Concen: 0.329 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX005996.D

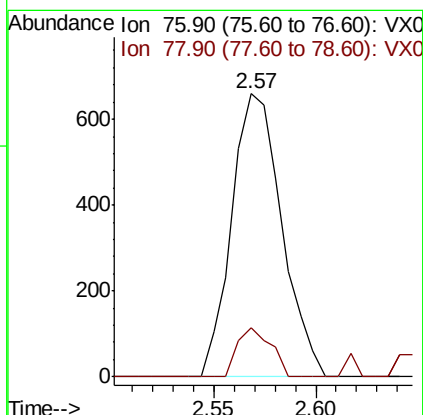
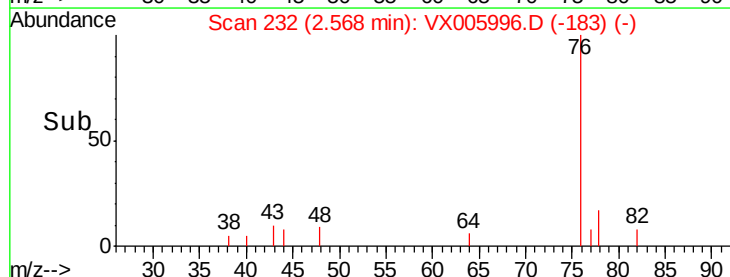
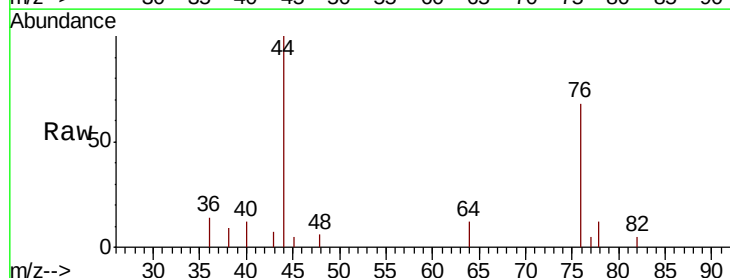
Acq: 15 Nov 2018 01:54

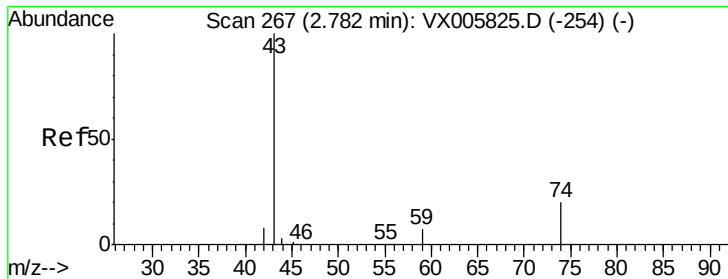
Tgt Ion: 76 Resp: 1122

Ion Ratio Lower Upper

76 100

78 17.3 7.3 10.9#

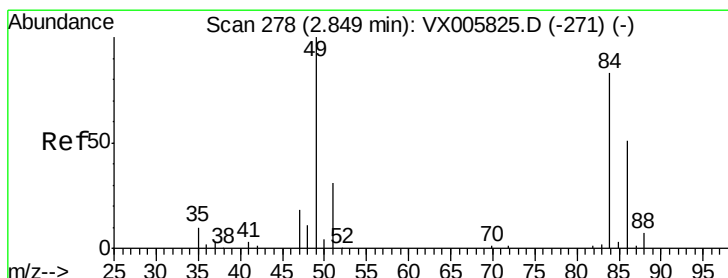
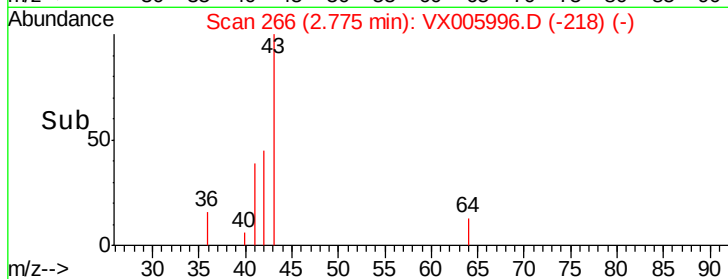
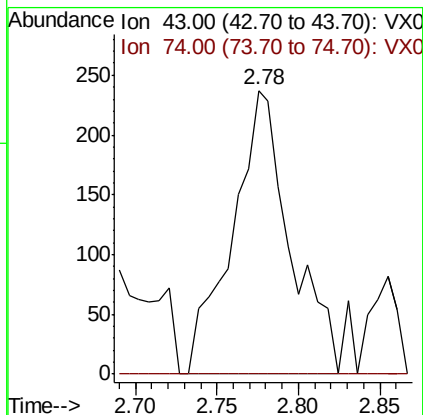
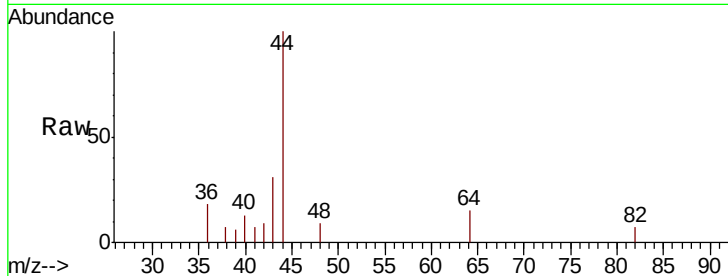




#18
Methyl Acetate
Concen: Below Cal
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005996.D
Acq: 15 Nov 2018 01:54

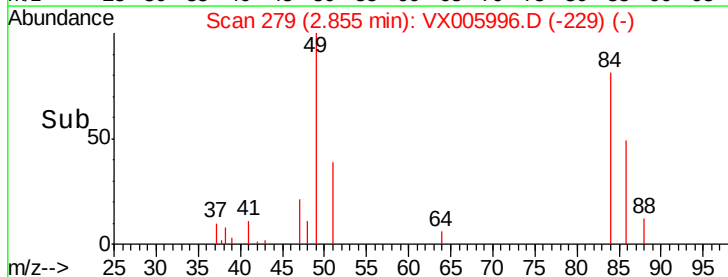
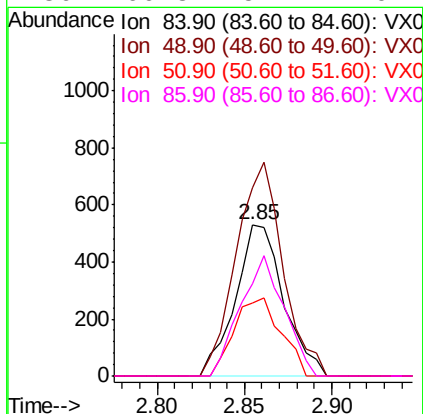
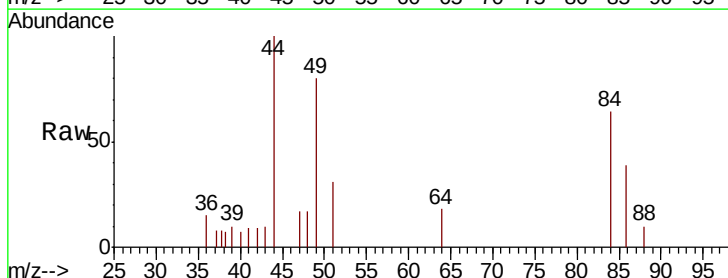
Instrument :
MSVOA_X
ClientSampled :
OILY-WATER

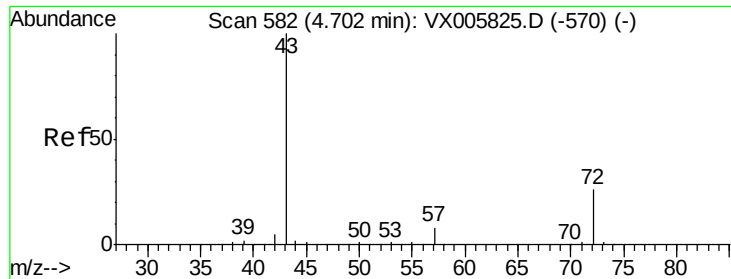
Tot Ion: 43 Resp: 588
Ion Ratio Lower Upper
43 100
74 0.0 16.8 25.2#



#20
Methylene Chloride
Concen: 0.775 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.01 min
Lab File: VX005996.D
Acq: 15 Nov 2018 01:54

Tgt Ion: 84 Resp: 1020
Ion Ratio Lower Upper
84 100
49 124.1 109.5 164.3
51 48.4 33.3 49.9
86 60.8 52.7 79.1





#25

2-Butanone

Concen: 0.984 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX005996.D

Acq: 15 Nov 2018 01:54

Instrument :

MSVOA_X

ClientSampleId :

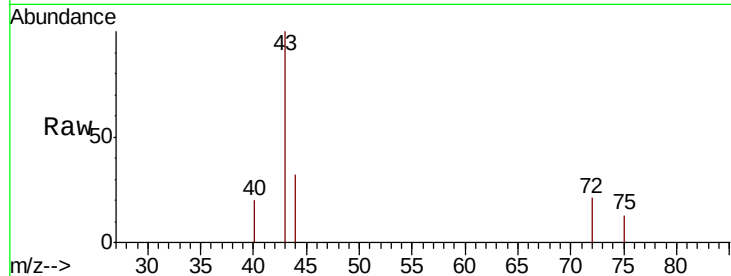
OILY-WATER

Tot Ion: 43 Resp: 1239

Ion Ratio Lower Upper

43 100

72 21.3 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.70

400

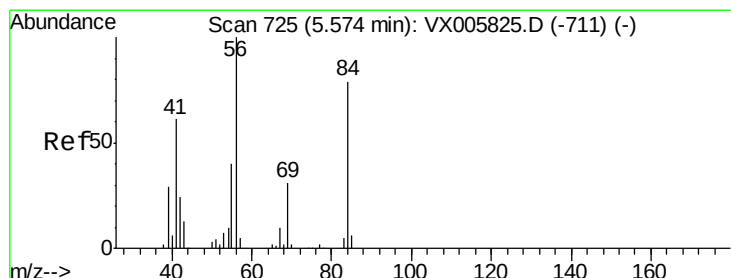
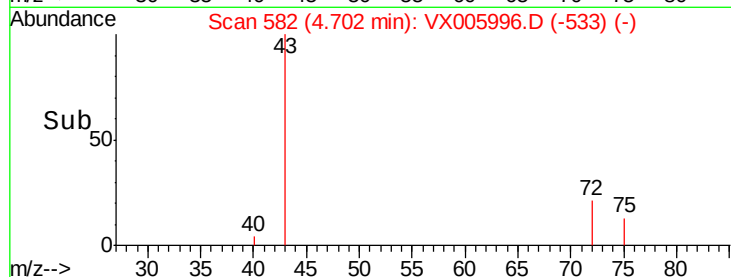
300

200

100

0

Time-->



#31

Cyclohexane

Concen: 1.136 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.09 min

Lab File: VX005996.D

Acq: 15 Nov 2018 01:54

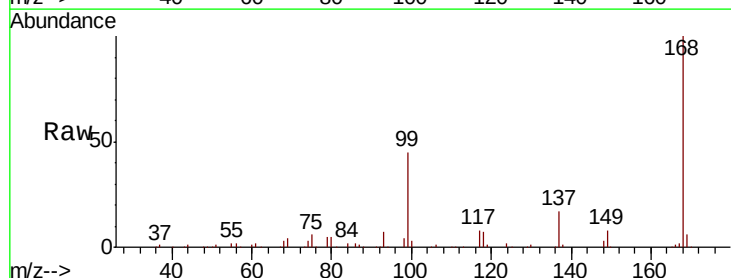
Tgt Ion: 56 Resp: 2353

Ion Ratio Lower Upper

56 100

69 214.7 22.6 34.0#

84 135.6 62.7 94.1#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

2000

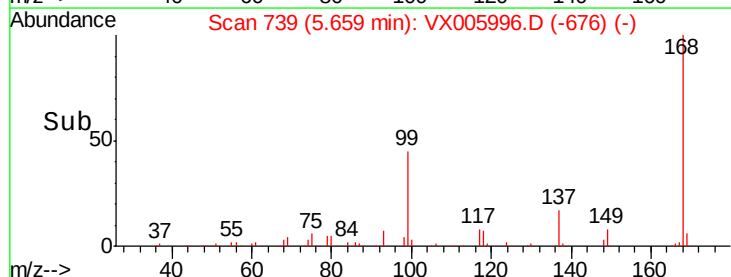
1500

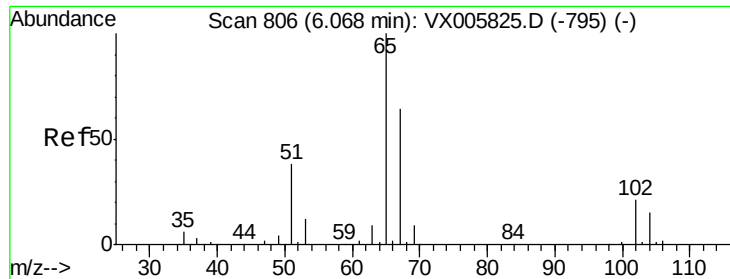
1000

500

0

Time-->

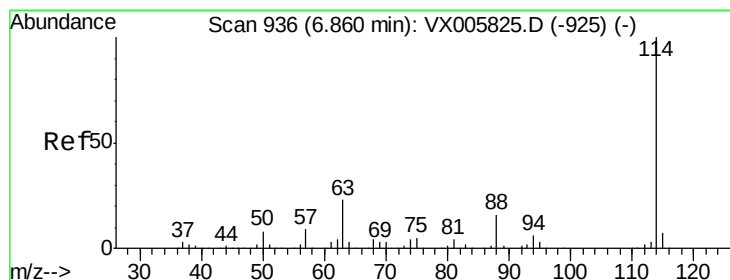
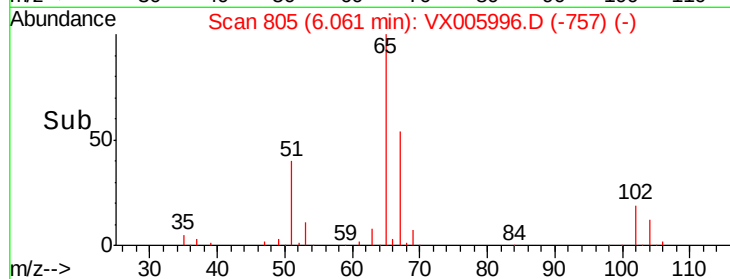
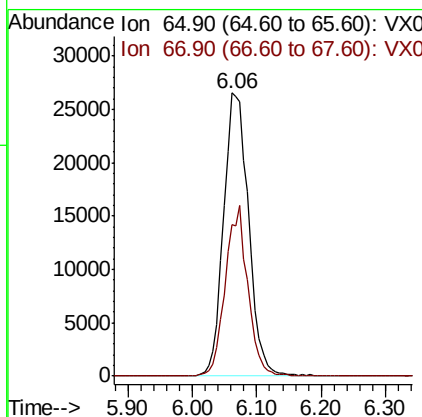
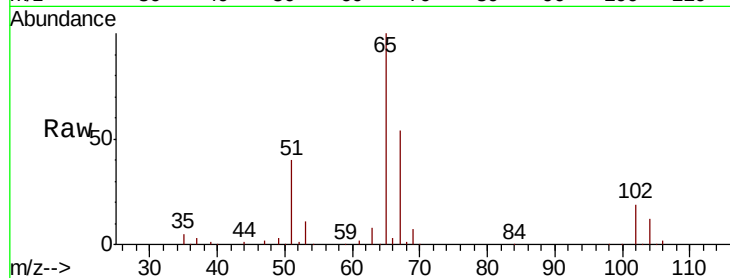




#33
 1,2-Dichloroethane-d4
 Concen: 49.050 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX005996.D
 Acq: 15 Nov 2018 01:54

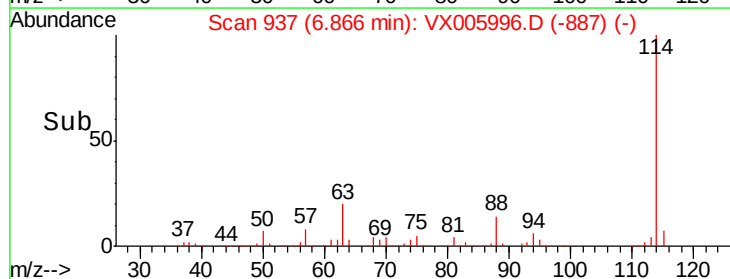
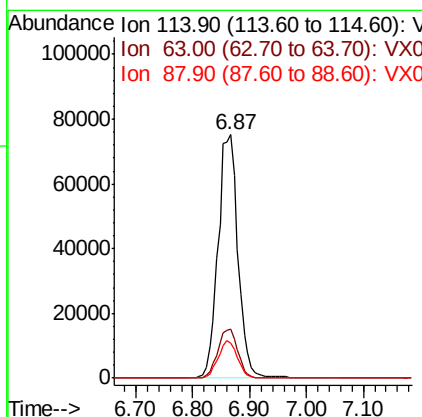
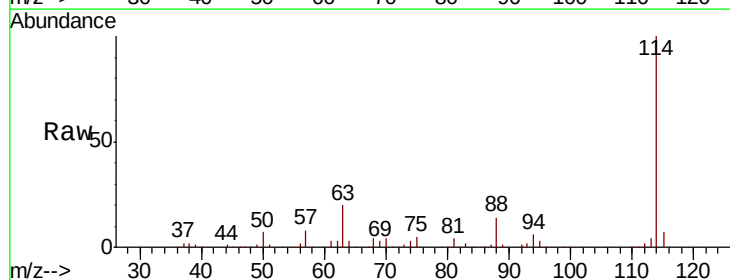
Instrument :
 MSVOA_X
 ClientSampleId :
 OILY-WATER

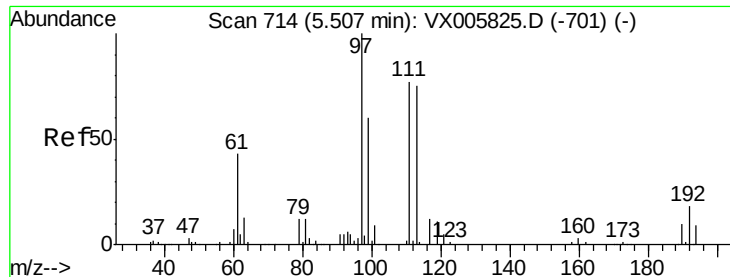
Tot Ion: 65 Resp: 72960
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 937
 Delta R.T. 0.01 min
 Lab File: VX005996.D
 Acq: 15 Nov 2018 01:54

Tgt Ion: 114 Resp: 183097
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 42.8
 88 14.3 0.0 31.2





#35

Dibromofluoromethane

Concen: 50.692 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX005996.D

Acq: 15 Nov 2018 01:54

Instrument :

MSVOA_X

ClientSampleId :

OILY-WATER

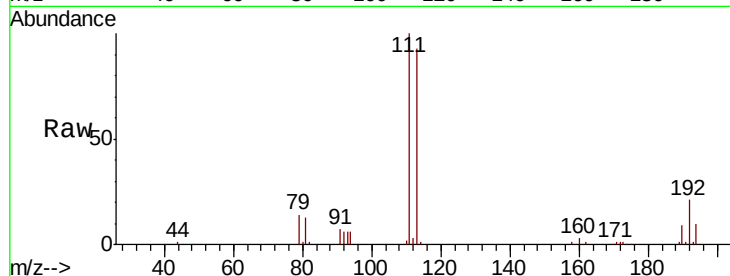
Tot Ion:113 Resp: 63128

Ion Ratio Lower Upper

113 100

111 99.5 82.3 123.5

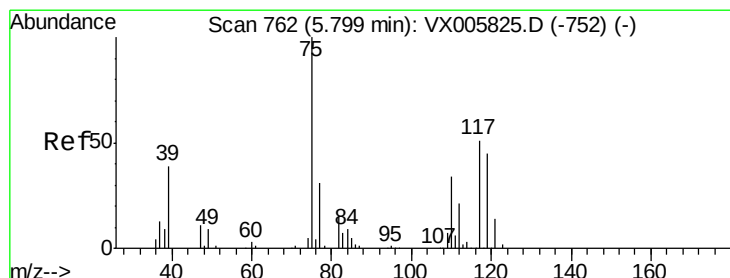
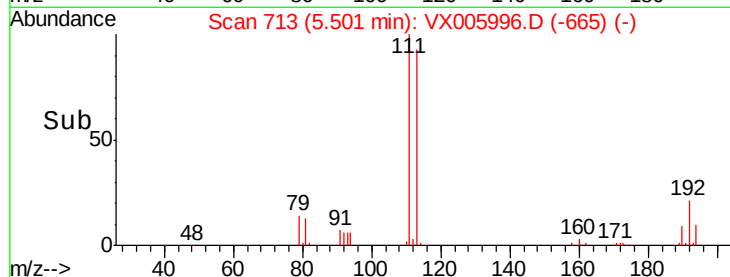
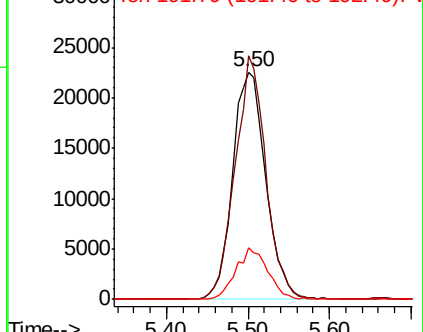
192 22.0 17.9 26.9



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: 4.690 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX005996.D

Acq: 15 Nov 2018 01:54

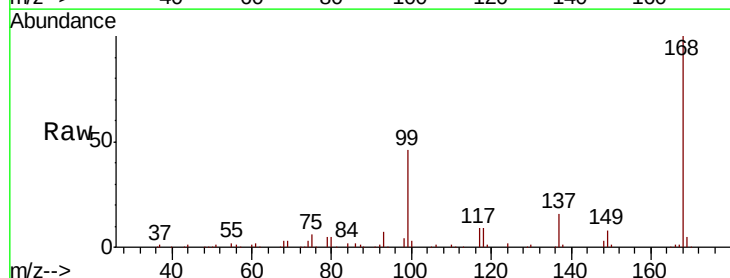
Tgt Ion: 75 Resp: 8279

Ion Ratio Lower Upper

75 100

110 9.1 17.4 52.2#

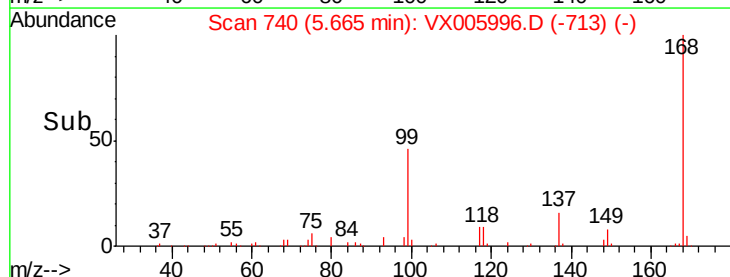
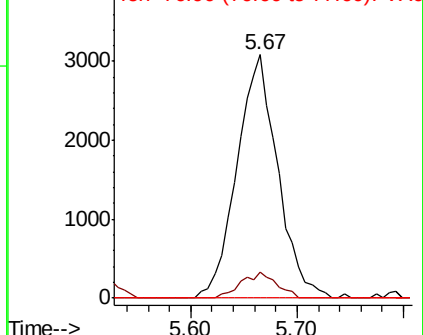
77 0.0 25.8 38.6#

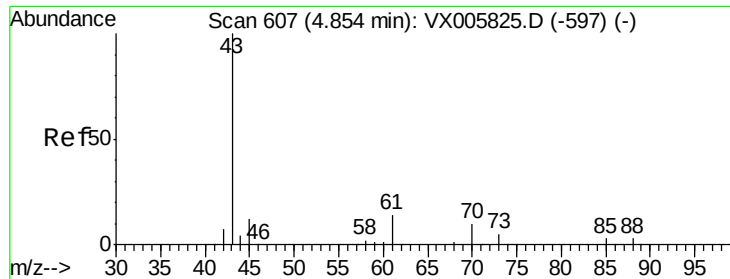


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 0.534 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.15 min

Lab File: VX005996.D

Acq: 15 Nov 2018 01:54

Instrument :

MSVOA_X

ClientSampleId :

OILY-WATER

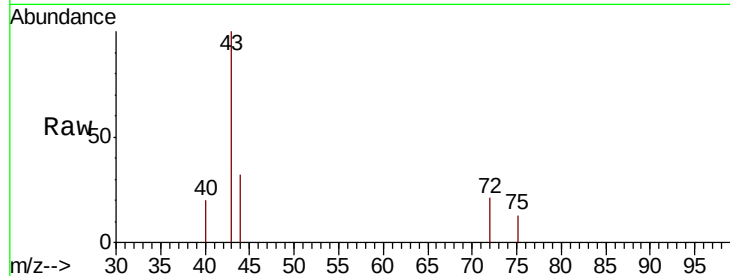
Tot Ion: 43 Resp: 1239

Ion Ratio Lower Upper

43 100

61 0.0 10.8 16.2#

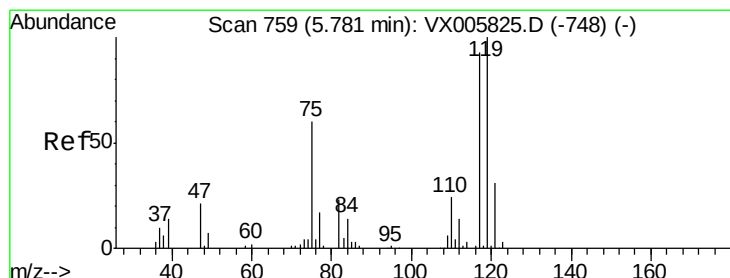
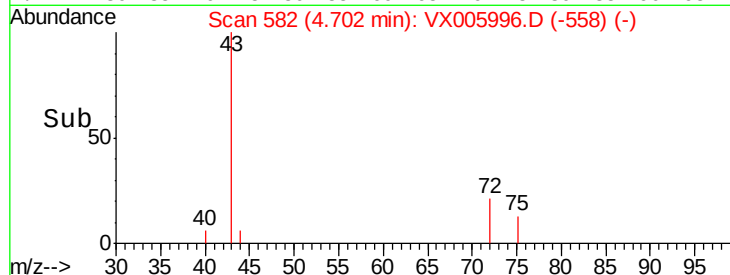
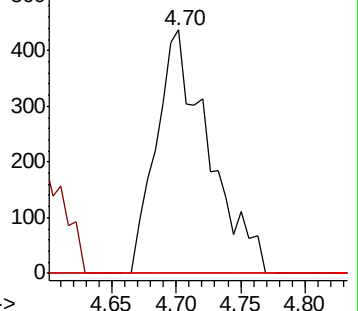
70 0.0 7.8 11.8#



Abundance Ion 43.00 (42.70 to 43.70): VX005825.D (-597) (-)

Ion 60.90 (60.60 to 61.60): VX005825.D (-597) (-)

Ion 70.00 (69.70 to 70.70): VX005825.D (-597) (-)



#38

Carbon Tetrachloride

Concen: 6.219 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX005996.D

Acq: 15 Nov 2018 01:54

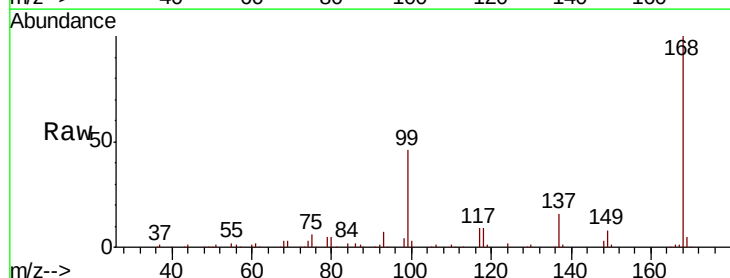
Tgt Ion: 117 Resp: 10990

Ion Ratio Lower Upper

117 100

119 5.9 78.1 117.1#

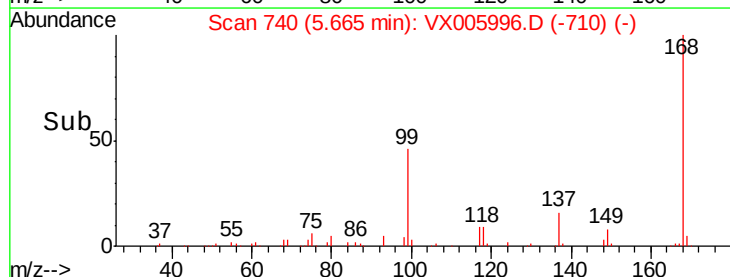
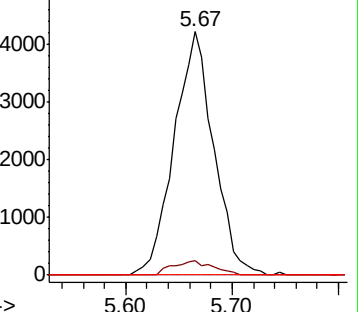
121 0.0 24.6 36.8#

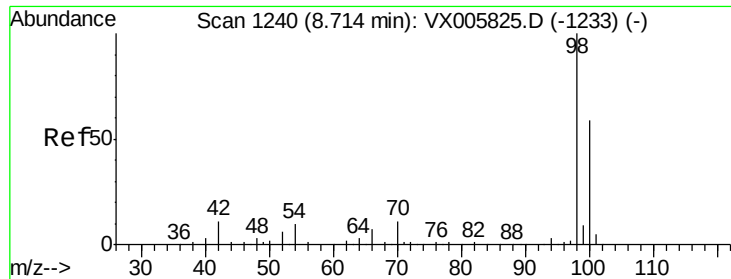


Abundance Ion 116.80 (116.50 to 117.50): VX005825.D (-748) (-)

Ion 118.80 (118.50 to 119.50): VX005825.D (-748) (-)

Ion 120.80 (120.50 to 121.50): VX005825.D (-748) (-)

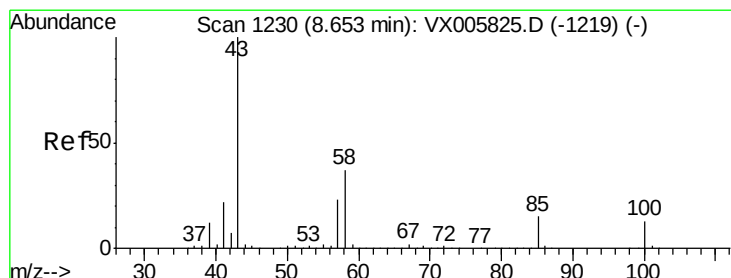
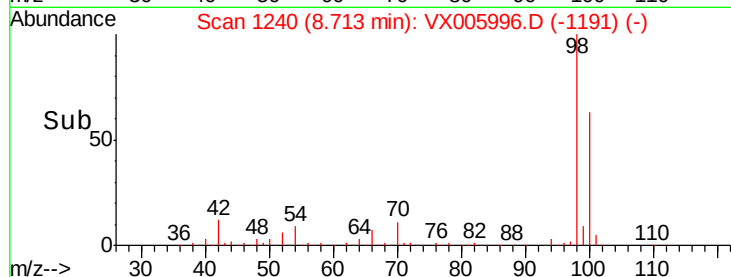
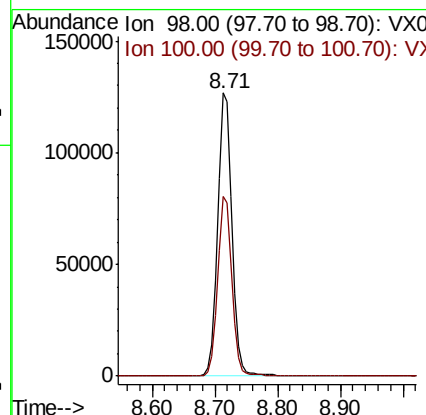
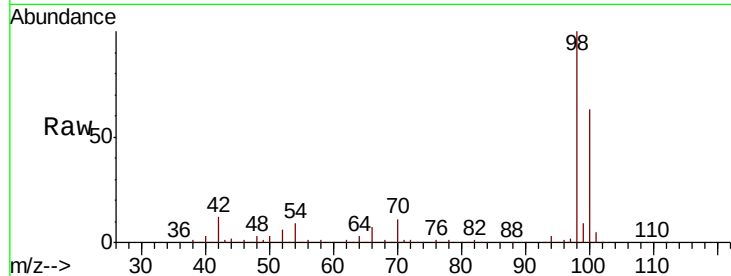




#50
Toluene-d8
Concen: 48.190 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005996.D
Acq: 15 Nov 2018 01:54

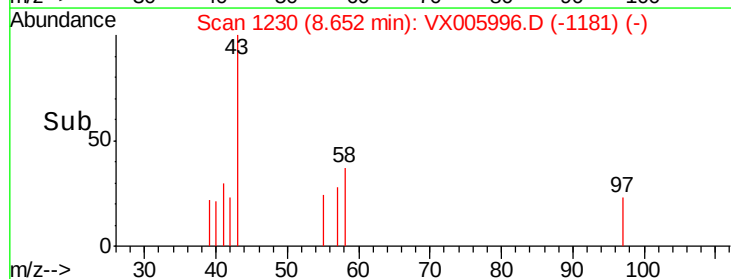
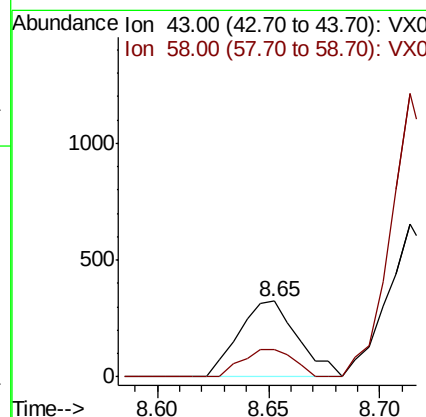
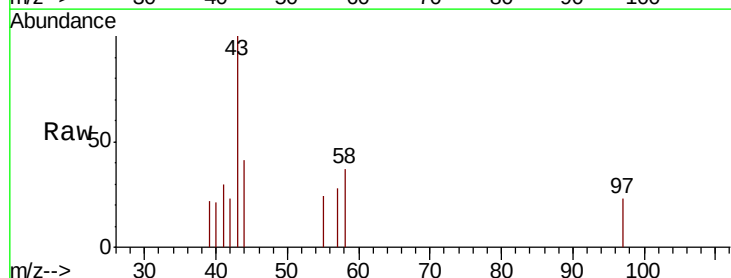
Instrument :
MSVOA_X
ClientSampleId :
OILY-WATER

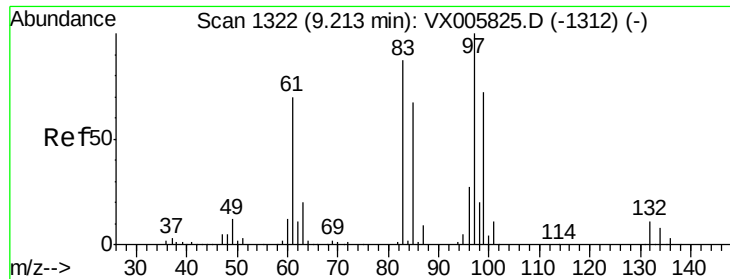
Tot Ion: 98 Resp: 199517
Ion Ratio Lower Upper
98 100
100 63.1 51.3 76.9



#51
4-Methyl-2-Pentanone
Concen: 0.281 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. -0.00 min
Lab File: VX005996.D
Acq: 15 Nov 2018 01:54

Tgt Ion: 43 Resp: 596
Ion Ratio Lower Upper
43 100
58 32.0 29.7 44.5





#55

1,1,2-Trichloroethane

Concen: 0.353 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.05 min

Lab File: VX005996.D

Acq: 15 Nov 2018 01:54

Instrument :

MSVOA_X

ClientSampled :

OILY-WATER

Tot Ion: 97 Resp: 452

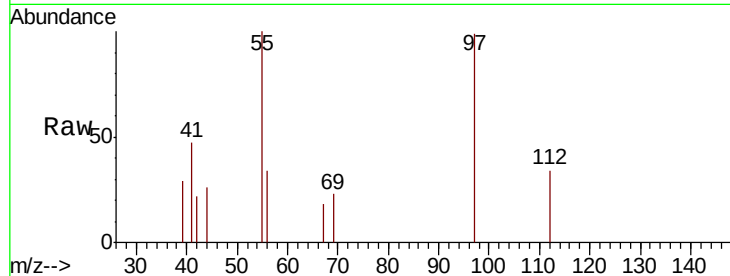
Ion Ratio Lower Upper

97 100

83 0.0 70.7 106.1#

85 0.0 45.8 68.6#

99 0.0 51.8 77.8#

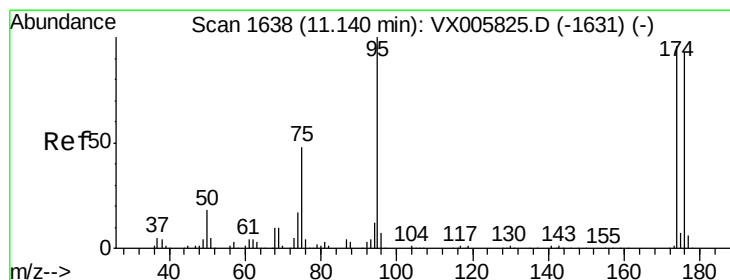
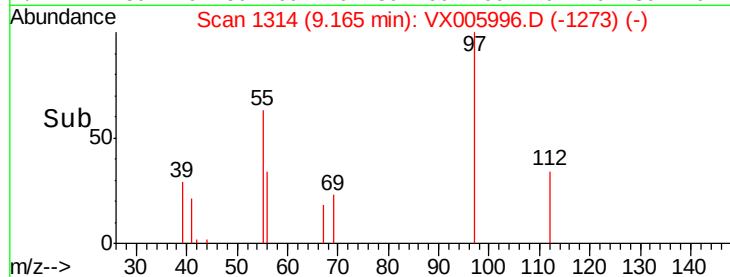
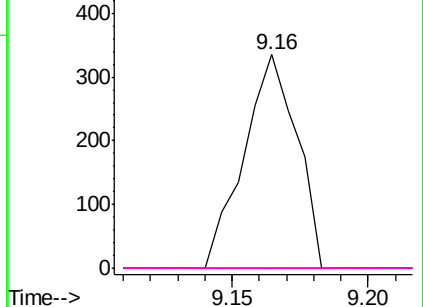


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#62

4-Bromofluorobenzene

Concen: 47.875 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005996.D

Acq: 15 Nov 2018 01:54

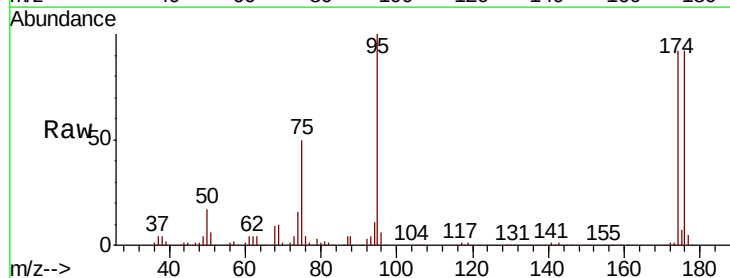
Tgt Ion: 95 Resp: 71265

Ion Ratio Lower Upper

95 100

174 90.4 0.0 184.4

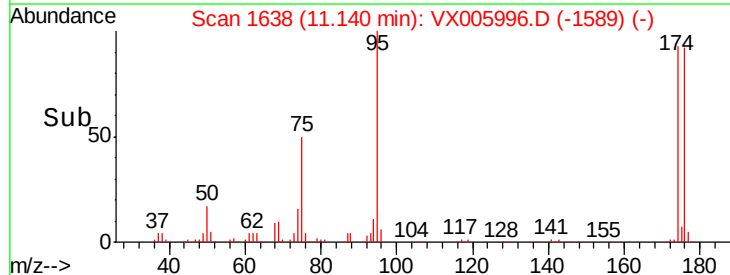
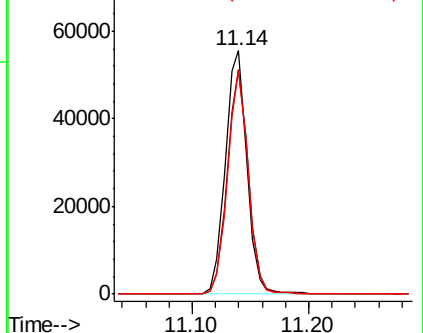
176 88.0 0.0 177.4

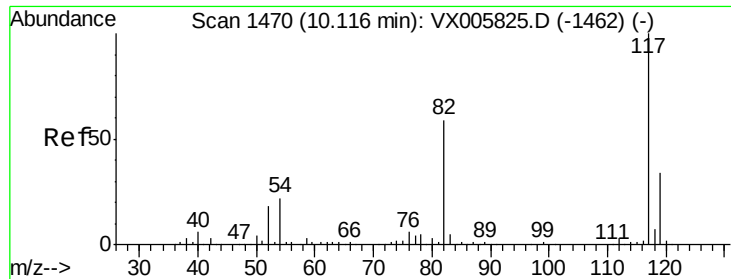


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

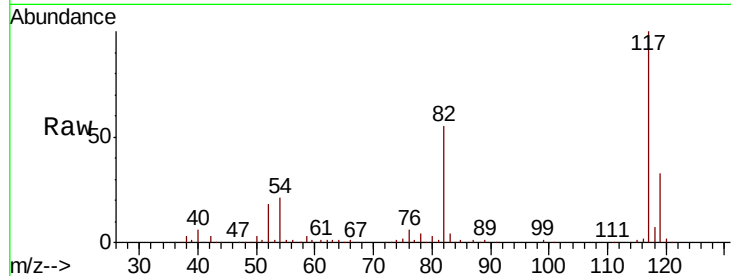




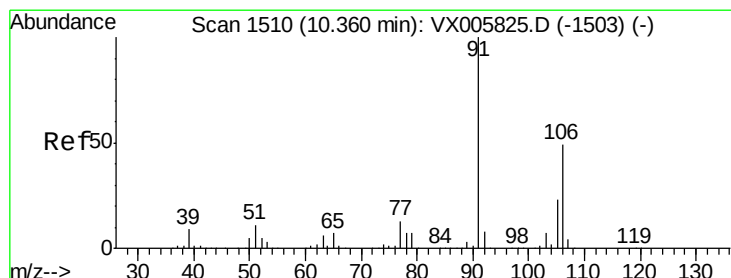
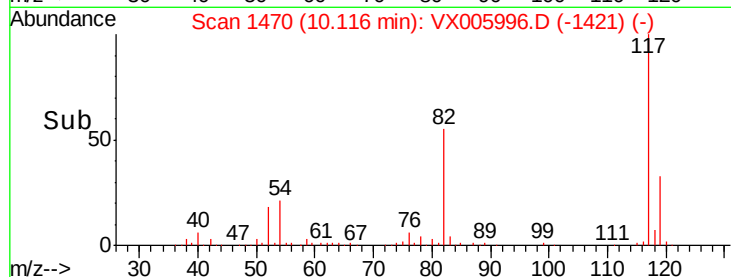
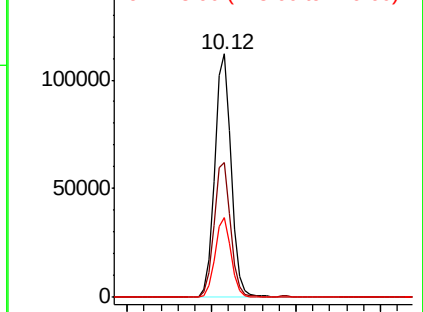
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005996.D
Acq: 15 Nov 2018 01:54

Instrument :
MSVOA_X
ClientSampled :
OILY-WATER

Tot Ion:117 Resp: 151642
Ion Ratio Lower Upper
117 100
82 55.5 44.1 66.1
119 32.6 26.2 39.2

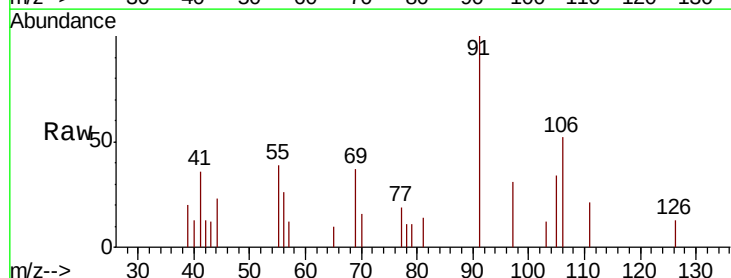


Abundance Ion 116.90 (116.60 to 117.60): V
150000 Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

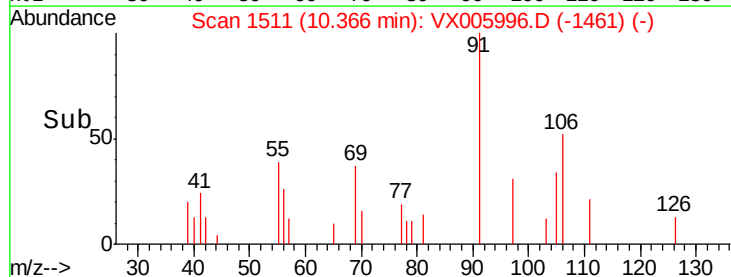
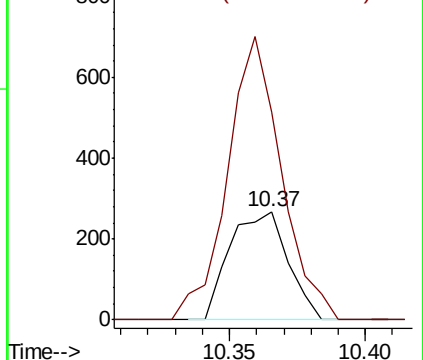


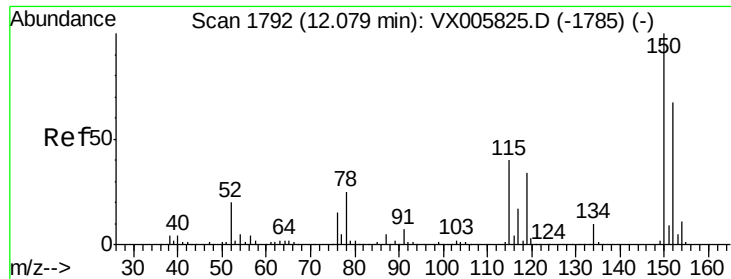
#68
m/p-Xylenes
Concen: 0.213 ug/l
RT: 10.37 min Scan# 1511
Delta R.T. 0.01 min
Lab File: VX005996.D
Acq: 15 Nov 2018 01:54

Tgt Ion:106 Resp: 396
Ion Ratio Lower Upper
106 100
91 242.9 164.2 246.4



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



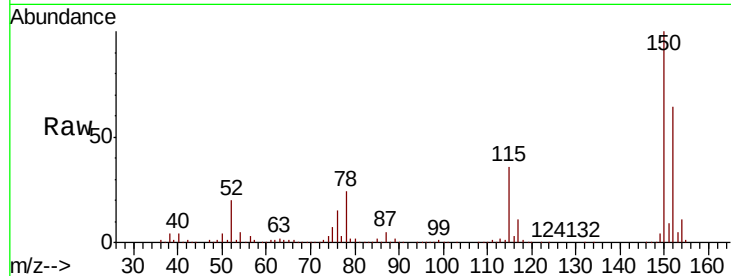


#72

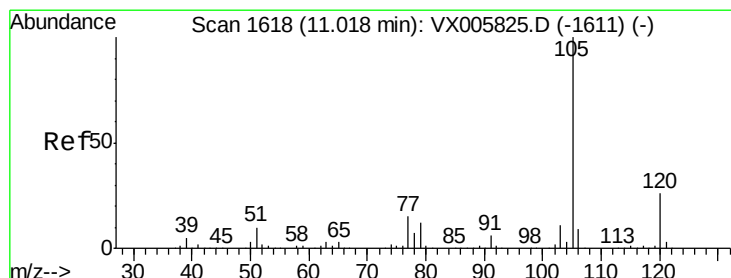
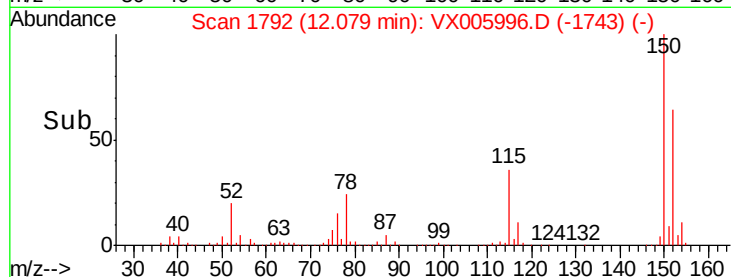
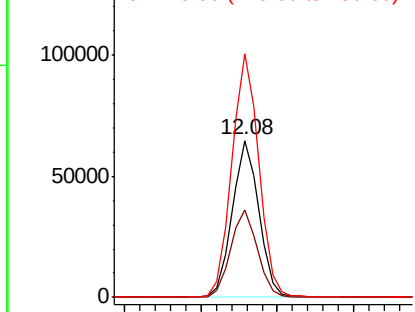
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005996.D
Acq: 15 Nov 2018 01:54

Instrument :
MSVOA_X
ClientSampleId :
OILY-WATER

Tot Ion:152 Resp: 78024
Ion Ratio Lower Upper
152 100
115 56.1 39.4 118.1
150 156.9 0.0 346.4



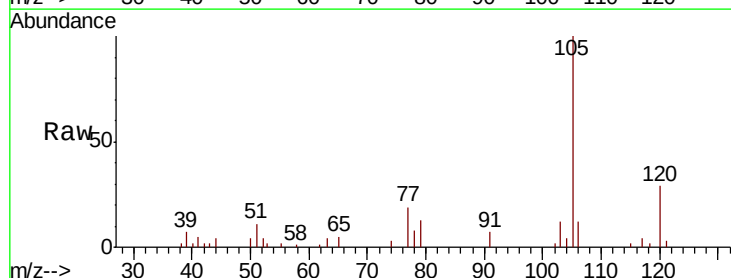
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



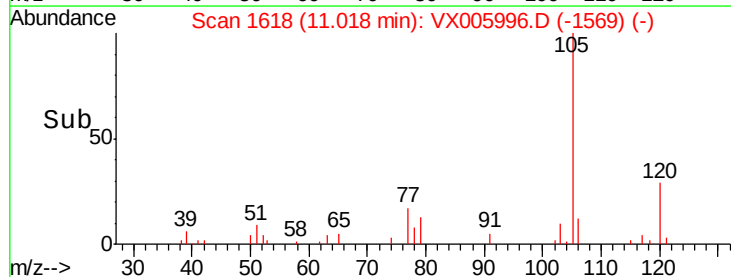
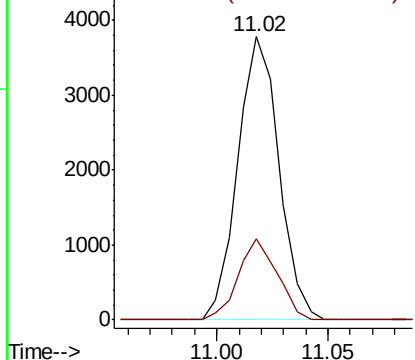
#73

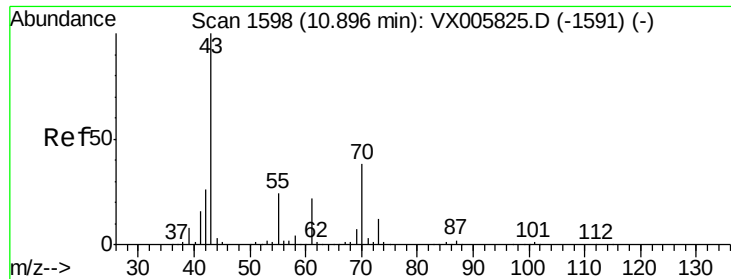
Isopropylbenzene
Concen: 1.081 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX005996.D
Acq: 15 Nov 2018 01:54

Tgt Ion:105 Resp: 4877
Ion Ratio Lower Upper
105 100
120 27.0 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 1.441 ug/l

RT: 10.91 min Scan# 1601

Delta R.T. 0.02 min

Lab File: VX005996.D

Acq: 15 Nov 2018 01:54

Instrument :

MSVOA_X

ClientSampleId :

OILY-WATER

Tot Ion: 43 Resp: 495

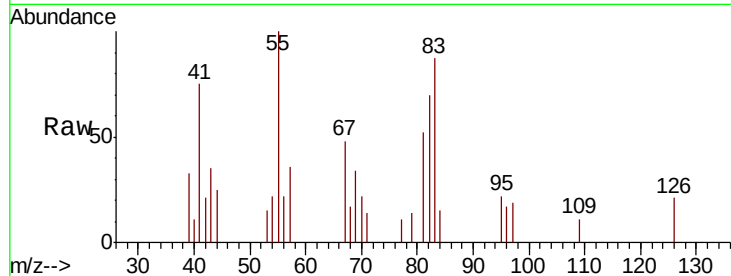
Ion Ratio Lower Upper

43 100

70 70.3 31.6 47.4#

55 268.5 19.7 29.5#

61 0.0 18.3 27.5#

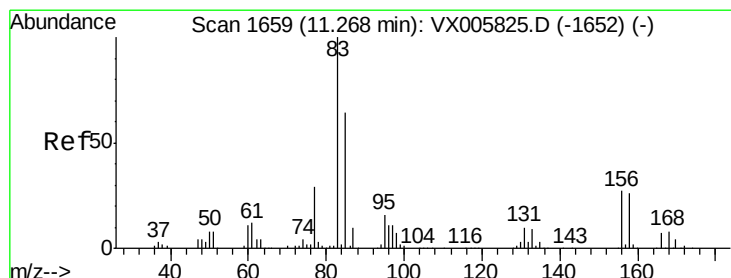
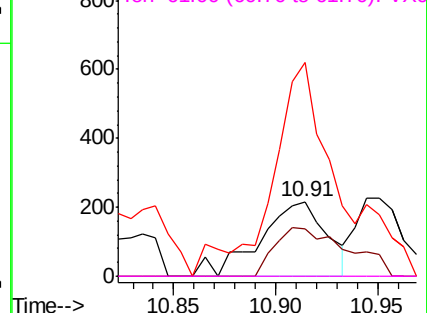
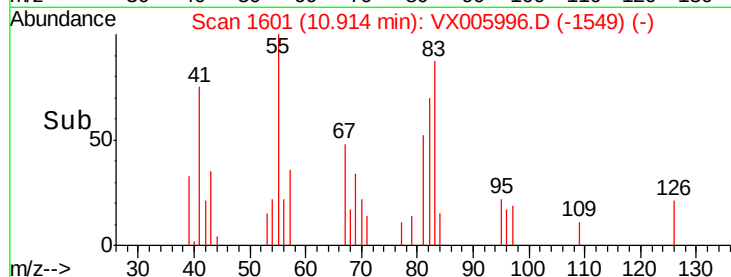


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 0.232 ug/l

RT: 11.27 min Scan# 1660

Delta R.T. 0.01 min

Lab File: VX005996.D

Acq: 15 Nov 2018 01:54

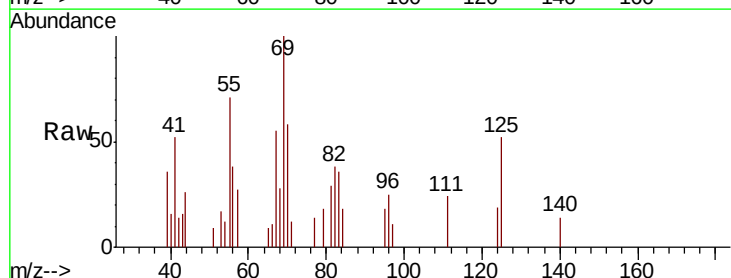
Tgt Ion: 83 Resp: 385

Ion Ratio Lower Upper

83 100

131 0.0 5.3 15.9#

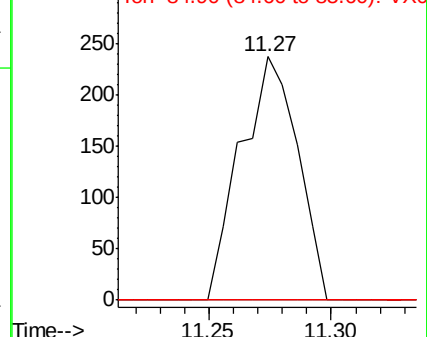
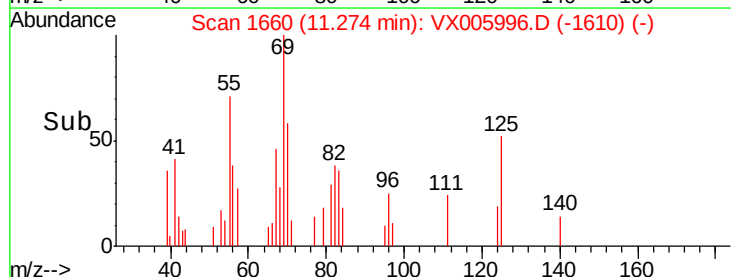
85 0.0 32.0 96.2#

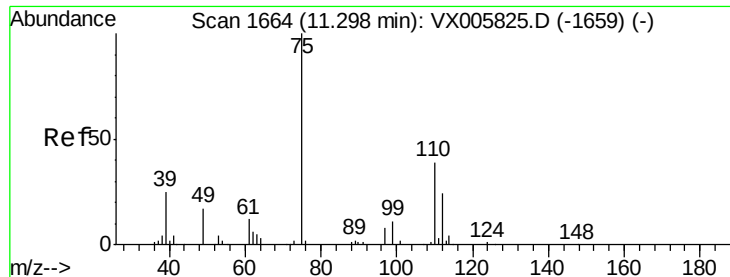


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

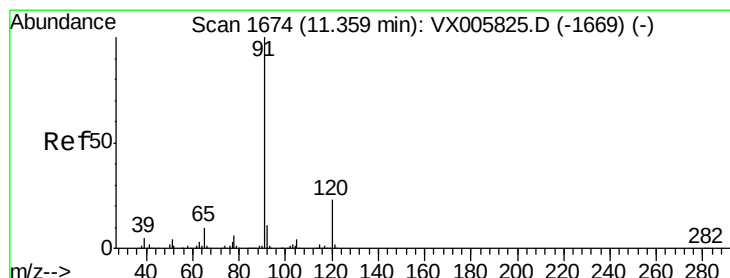
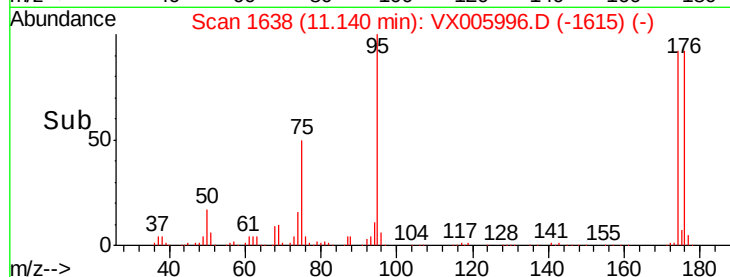
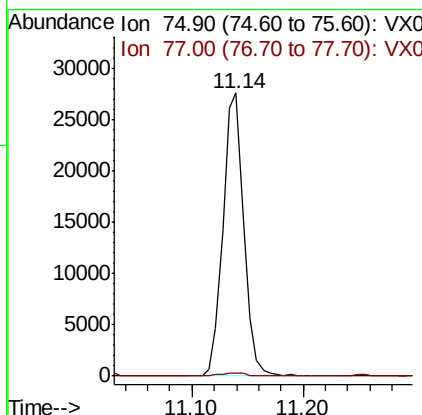
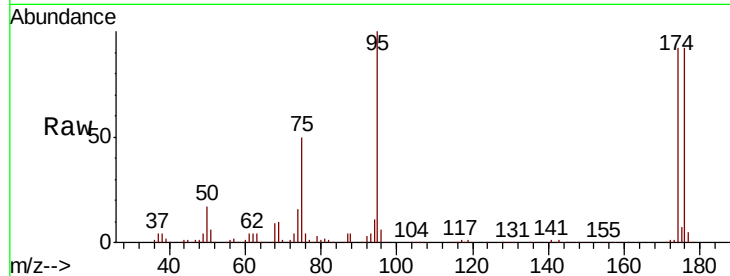




#76
 1,2,3-Trichloropropane
 Concen: 22.416 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. -0.16 min
 Lab File: VX005996.D
 Acq: 15 Nov 2018 01:54

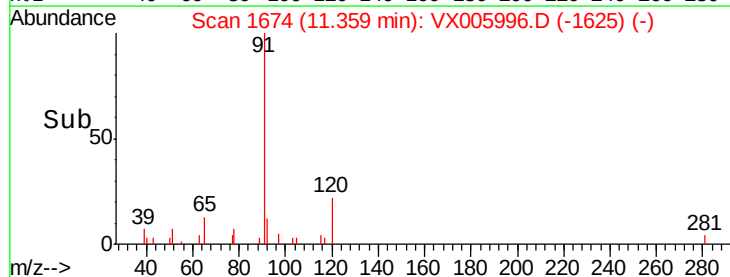
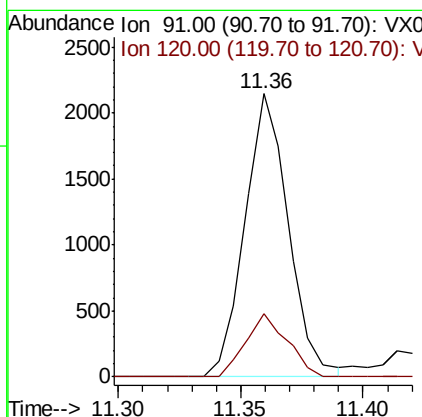
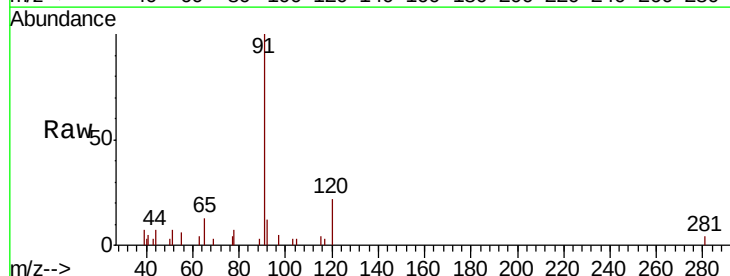
Instrument :
 MSVOA_X
 ClientSampleId :
 OILY-WATER

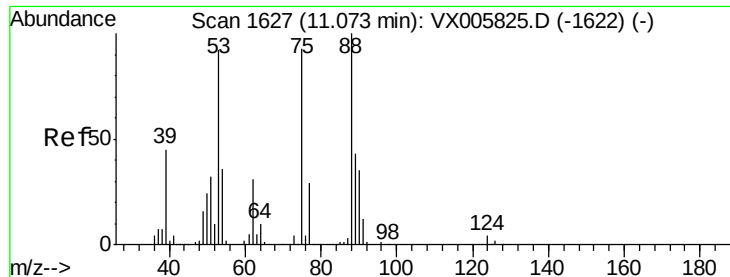
Tot Ion: 75 Resp: 35613
 Ion Ratio Lower Upper
 75 100
 77 1.4 20.5 61.6#



#78
 n-propylbenzene
 Concen: 0.501 ug/l
 RT: 11.36 min Scan# 1674
 Delta R.T. -0.00 min
 Lab File: VX005996.D
 Acq: 15 Nov 2018 01:54

Tgt Ion: 91 Resp: 2664
 Ion Ratio Lower Upper
 91 100
 120 21.2 11.9 35.5

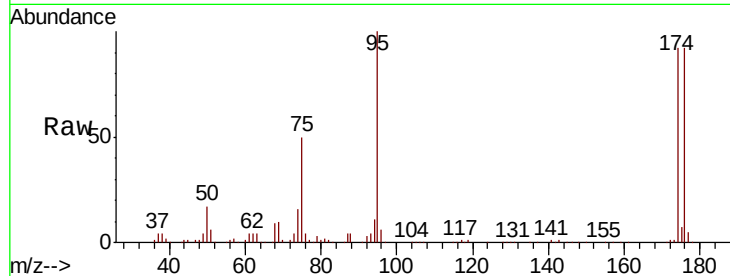




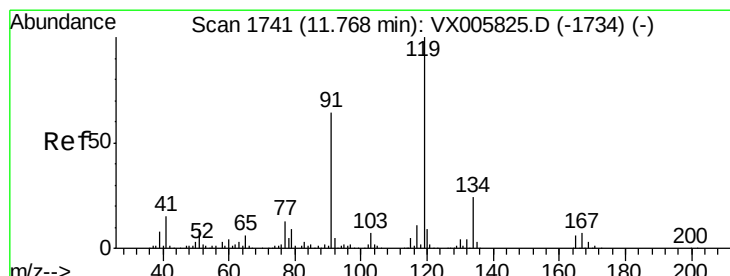
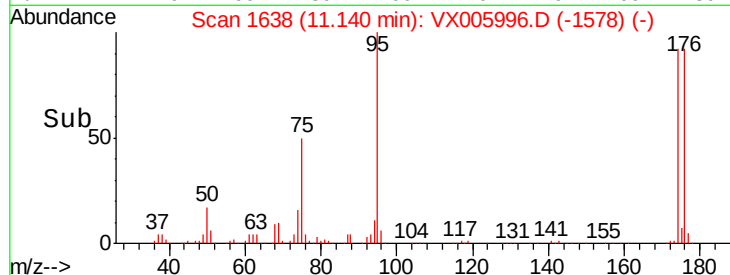
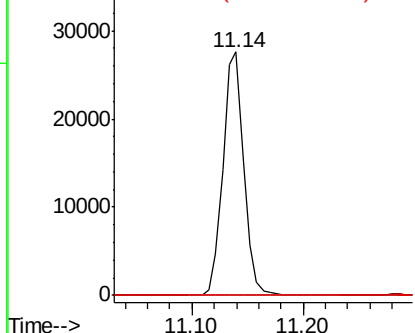
#81
trans-1,4-Dichloro-2-butene
Concen: 71.443 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.07 min
Lab File: VX005996.D
Acq: 15 Nov 2018 01:54

Instrument :
MSVOA_X
ClientSampleId :
OILY-WATER

Tot Ion: 75 Resp: 35613
Ion Ratio Lower Upper
75 100
53 0.0 80.2 120.2#
89 0.0 39.8 59.8#

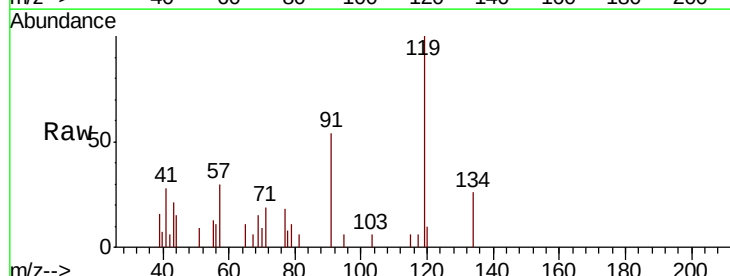


Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0

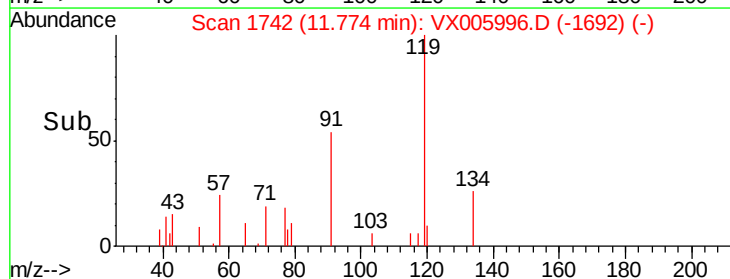
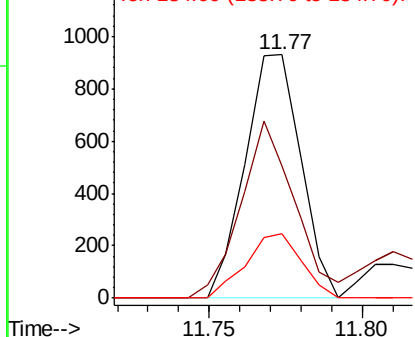


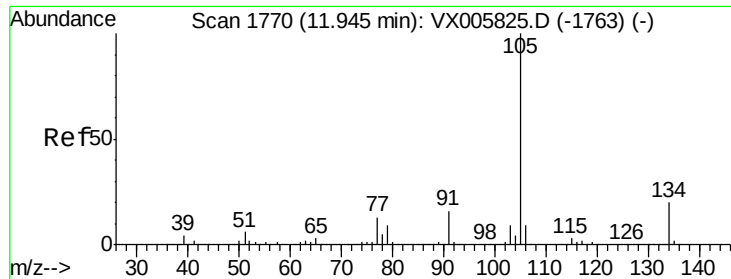
#83
tert-Butylbenzene
Concen: 0.305 ug/l
RT: 11.77 min Scan# 1742
Delta R.T. 0.01 min
Lab File: VX005996.D
Acq: 15 Nov 2018 01:54

Tgt Ion: 119 Resp: 1182
Ion Ratio Lower Upper
119 100
91 70.5 28.5 85.5
134 26.3 11.3 33.8



Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX0
Ion 134.00 (133.70 to 134.70): V





#85

sec-Butylbenzene

Concen: 3.540 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX005996.D

Acq: 15 Nov 2018 01:54

Instrument :

MSVOA_X

ClientSampled :

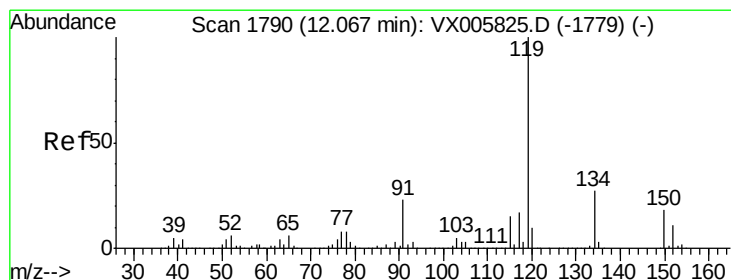
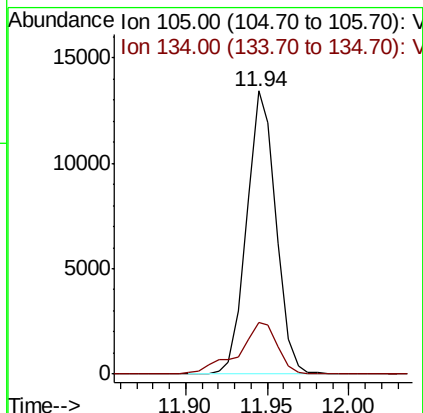
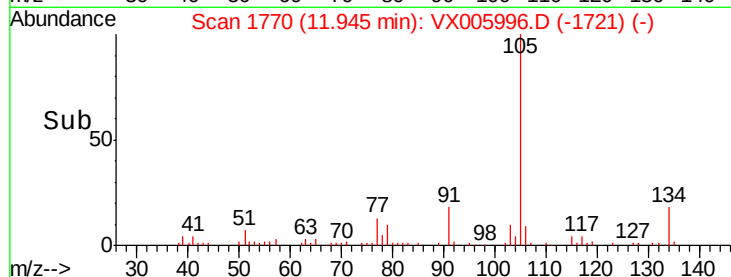
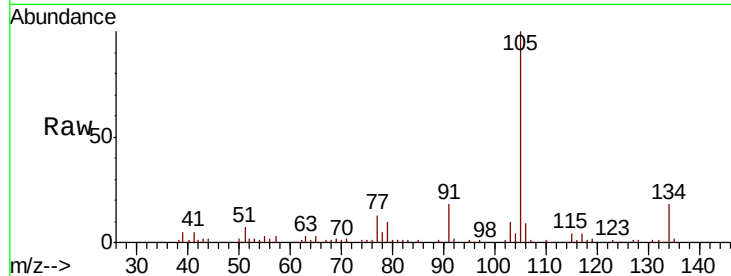
OILY-WATER

Tot Ion:105 Resp: 16791

Ion Ratio Lower Upper

105 100

134 24.1 10.2 30.4



#86

p-Isopropyltoluene

Concen: 1.008 ug/l

RT: 12.24 min Scan# 1818

Delta R.T. 0.17 min

Lab File: VX005996.D

Acq: 15 Nov 2018 01:54

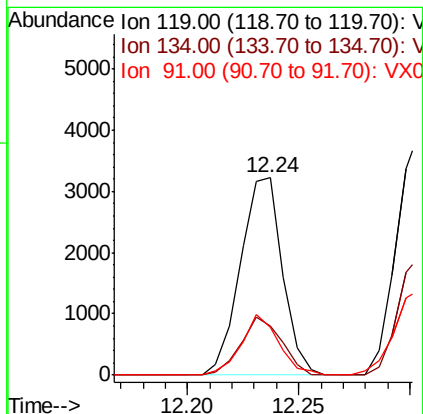
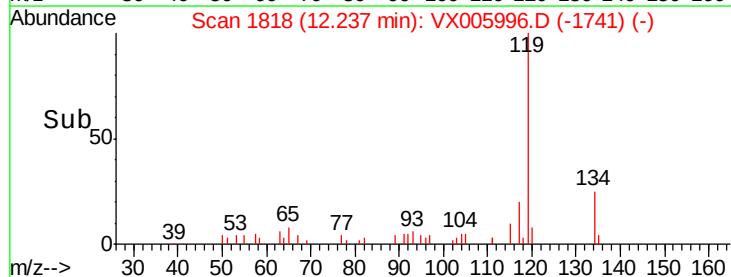
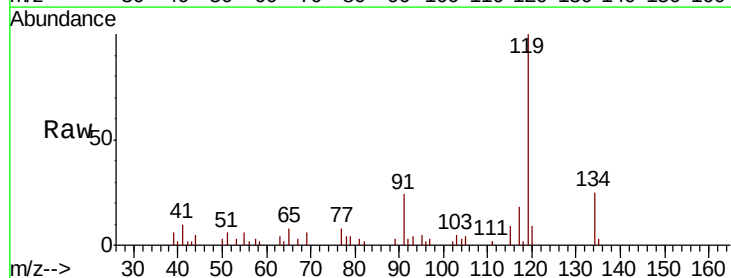
Tgt Ion:119 Resp: 4237

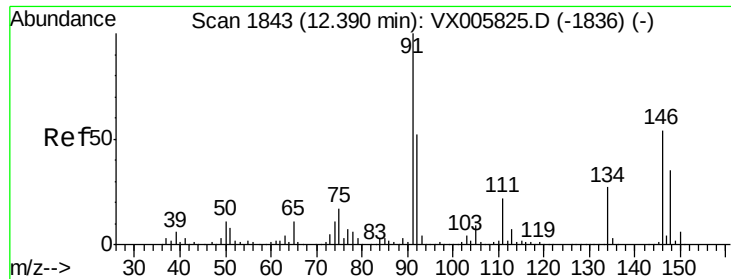
Ion Ratio Lower Upper

119 100

134 28.7 13.0 39.0

91 27.6 11.4 34.2





#89

n-Butylbenzene

Concen: 0.909 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX005996.D

Acq: 15 Nov 2018 01:54

Instrument :

MSVOA_X

ClientSampled :

OILY-WATER

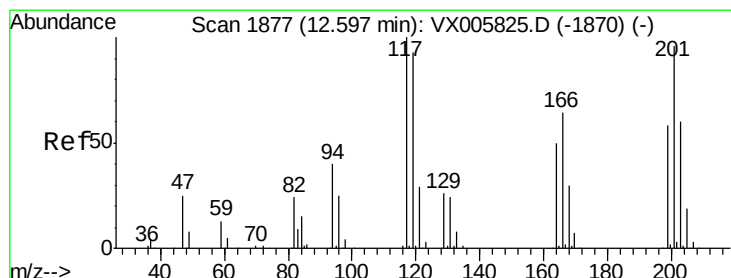
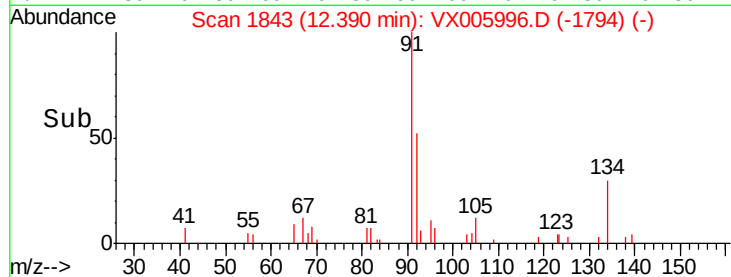
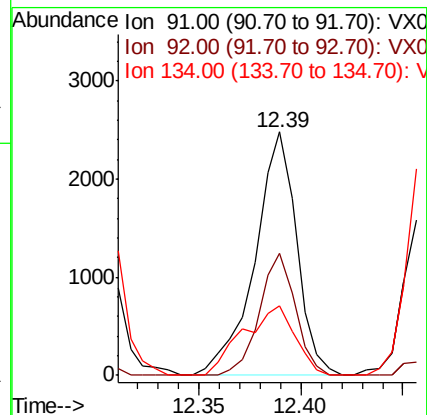
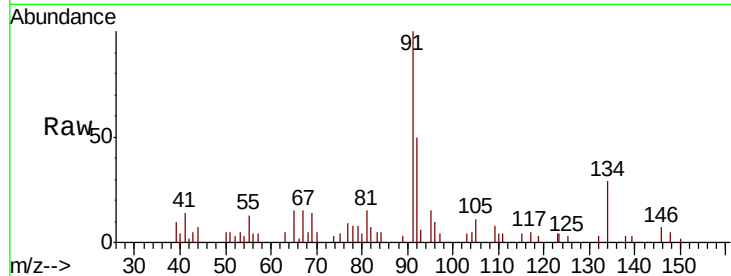
Tot Ion: 91 Resp: 3539

Ion Ratio Lower Upper

91 100

92 43.1 26.1 78.2

134 35.7 13.1 39.3



#90

Hexachloroethane

Concen: 4.299 ug/l

RT: 12.67 min Scan# 1889

Delta R.T. 0.07 min

Lab File: VX005996.D

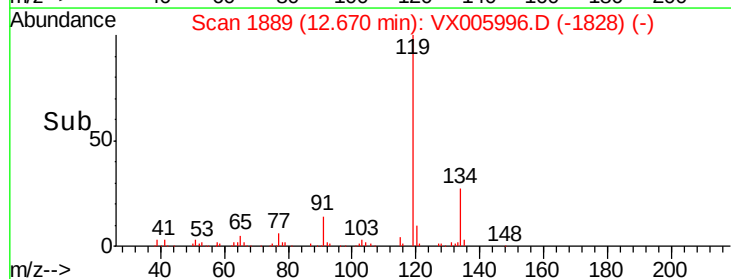
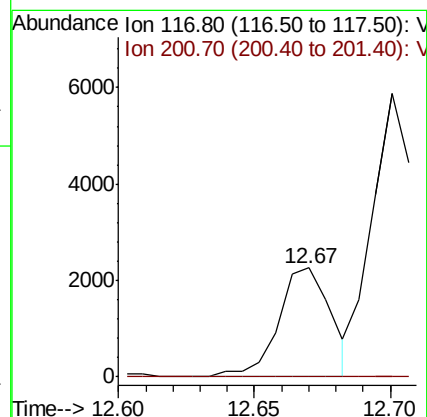
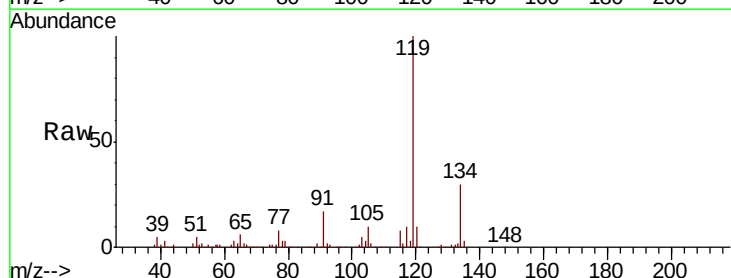
Acq: 15 Nov 2018 01:54

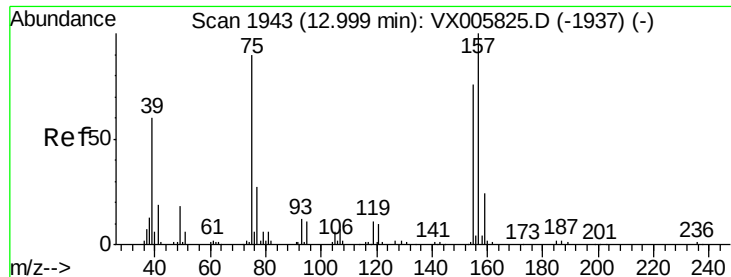
Tgt Ion: 117 Resp: 3016

Ion Ratio Lower Upper

117 100

201 0.0 47.9 143.6#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.562 ug/l

RT: 12.97 min Scan# 1939

Delta R.T. -0.02 min

Lab File: VX005996.D

Acq: 15 Nov 2018 01:54

Instrument :

MSVOA_X

ClientSampleId :

OILY-WATER

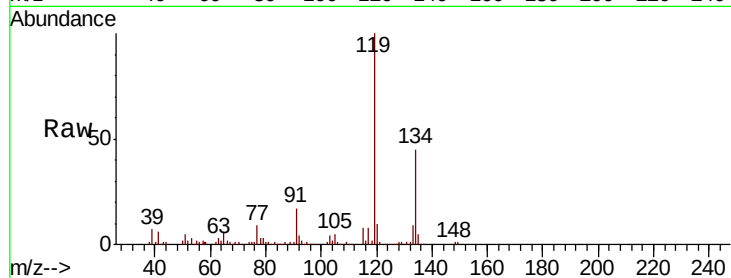
Tot Ion: 75 Resp: 227

Ion Ratio Lower Upper

75 100

155 0.0 45.4 136.1#

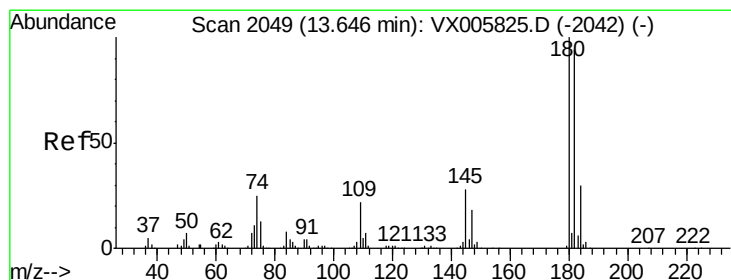
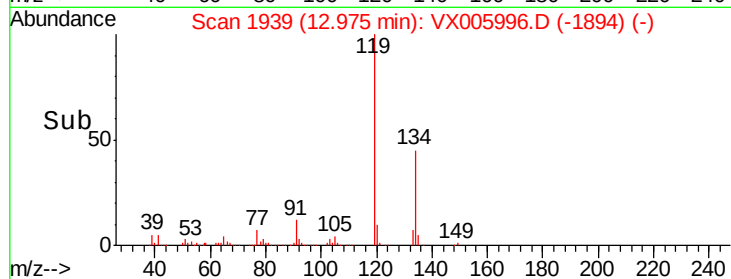
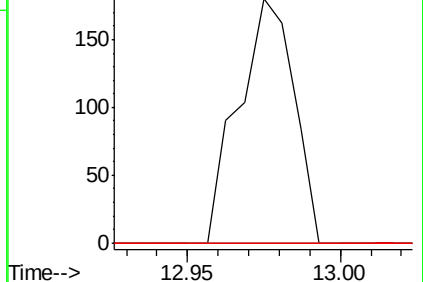
157 0.0 57.4 172.0#



Abundance Ion 74.90 (74.60 to 75.60): VX005825.D (-1937) (-)

Ion 154.80 (154.50 to 155.50): VX005825.D (-1937) (-)

Ion 156.80 (156.50 to 157.50): VX005825.D (-1937) (-)



#93

1,2,4-Trichlorobenzene

Concen: 0.289 ug/l

RT: 13.65 min Scan# 2050

Delta R.T. 0.01 min

Lab File: VX005996.D

Acq: 15 Nov 2018 01:54

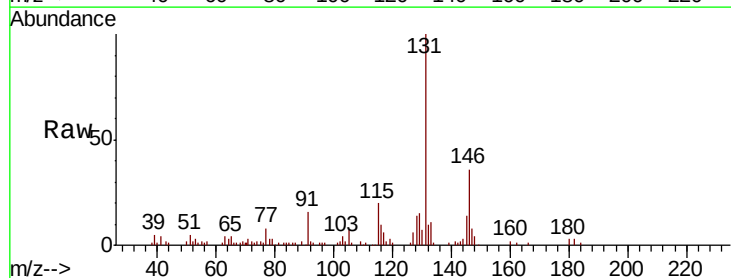
Tgt Ion: 180 Resp: 497

Ion Ratio Lower Upper

180 100

182 103.0 47.6 142.8

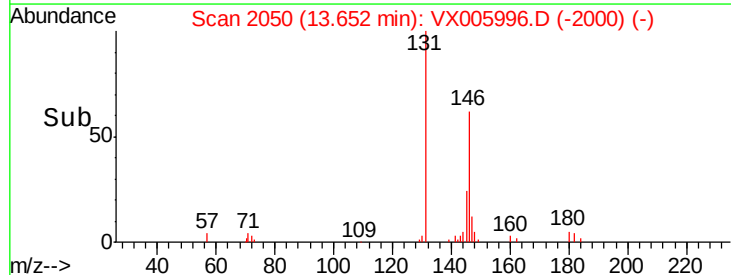
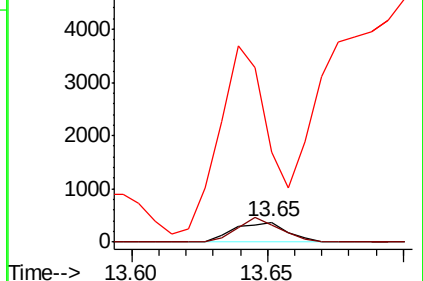
145 893.8 14.1 42.2#

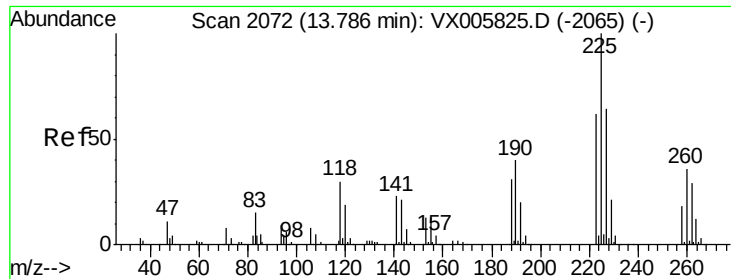


Abundance Ion 179.80 (179.50 to 180.50): VX005825.D (-2042) (-)

Ion 181.80 (181.50 to 182.50): VX005825.D (-2042) (-)

Ion 144.80 (144.50 to 145.50): VX005825.D (-2042) (-)





#94

Hexachlorobutadiene

Concen: 0.251 ug/l

RT: 13.79 min Scan# 2072

Delta R.T. -0.00 min

Lab File: VX005996.D

Acq: 15 Nov 2018 01:54

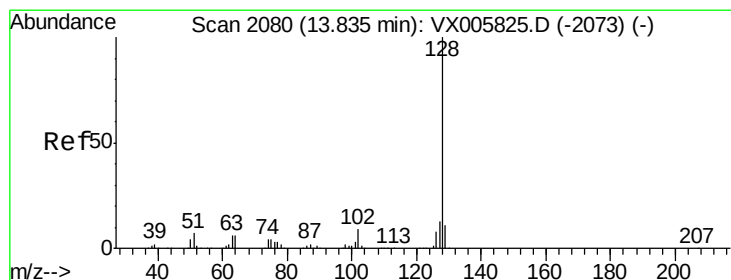
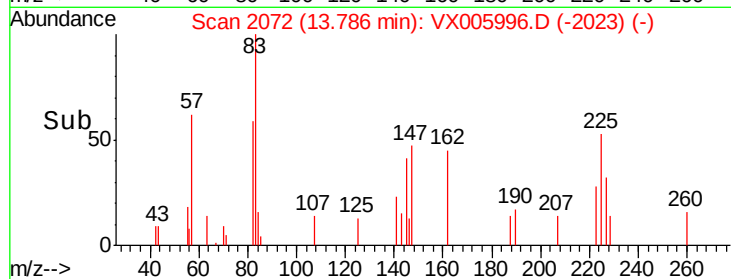
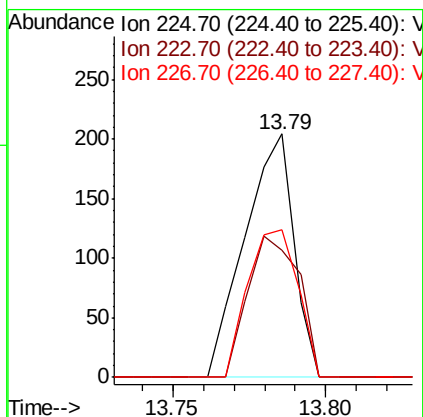
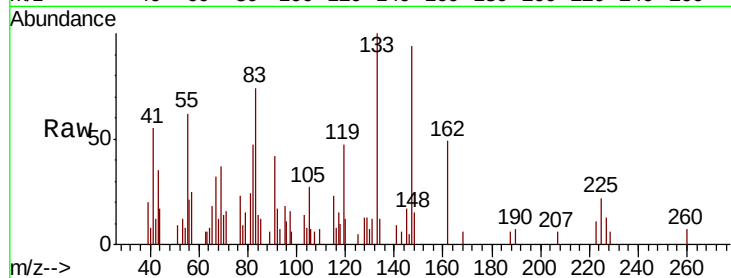
Instrument :

MSVOA_X

ClientSampled :

OILY-WATER

Tot Ion:	225	Resp:	227
Ion	Ratio	Lower	Upper
225	100		
223	60.8	31.7	95.1
227	61.7	32.3	96.9



#95

Naphthalene

Concen: 2.347 ug/l

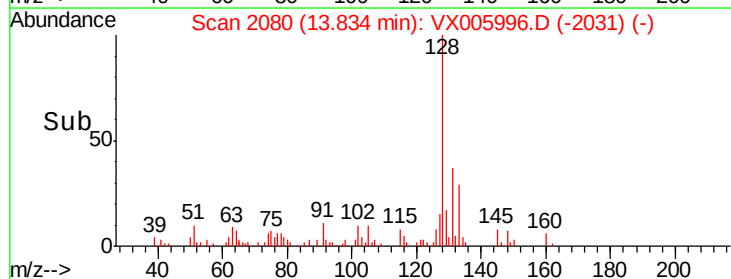
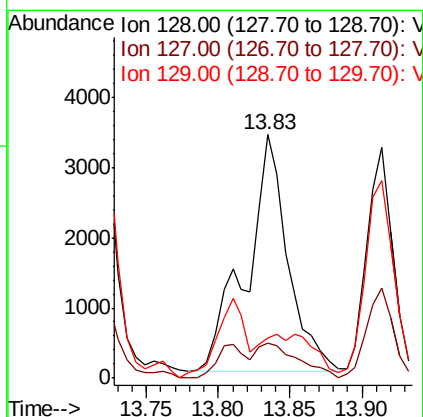
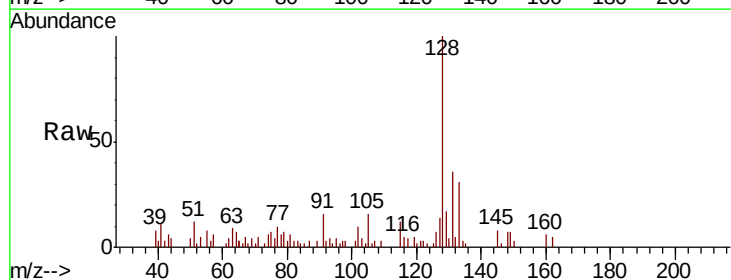
RT: 13.83 min Scan# 2080

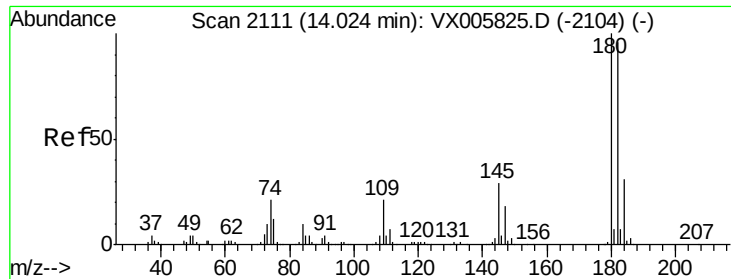
Delta R.T. 0.00 min

Lab File: VX005996.D

Acq: 15 Nov 2018 01:54

Tgt Ion:	128	Resp:	6723
Ion	Ratio	Lower	Upper
128	100		
127	14.8	10.4	15.6
129	18.3	8.7	13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.285 ug/l
 RT: 14.02 min Scan# 2111
 Delta R.T. -0.00 min
 Lab File: VX005996.D
 Acq: 15 Nov 2018 01:54

Instrument :
 MSVOA_X
 ClientSampleId :
 OILY-WATER

Tot Ion:180 Resp: 499
 Ion Ratio Lower Upper
 180 100
 182 90.0 48.0 144.2
 145 1458.1 15.1 45.3#

