

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080718\
 Data File : VX003909.D
 Acq On : 08 Aug 2018 05:24
 Operator : JC/MD
 Sample : J4374-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OILY-WATER

Quant Time: Aug 08 08:13:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 07:45:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	282501	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	441623	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	432163	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	251892	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	197123	52.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.28%	
35) Dibromofluoromethane	5.50	113	166208	49.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.36%	
50) Toluene-d8	8.72	98	663093	50.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.94%	
62) 4-Bromofluorobenzene	11.14	95	236055	56.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.14%	

Target Compounds

						Qvalue
3) Chloromethane	1.32	50	856	0.22	ug/l	94
5) Bromomethane	1.65	94	492	Below	Cal	86
6) Chloroethane	1.60	64	10726	4.32	ug/l #	55
10) Methyl Iodide	2.51	142	853	0.21	ug/l #	93
11) Tert butyl alcohol	3.07	59	2837469	3153.21	ug/l	100
13) Acrolein	2.29	56	609	Below	Cal #	15
14) Allyl chloride	2.71	41	2072	0.35	ug/l #	58
15) Acrylonitrile	3.07	53	26891	12.52	ug/l #	23
16) Acetone	2.45	43	227163	101.96	ug/l	99
17) Carbon Disulfide	2.57	76	19134	2.65	ug/l	97
18) Methyl Acetate	2.62	43	25800	5.32	ug/l #	52
19) Methyl tert-butyl Ether	3.20	73	2263	0.21	ug/l	94
20) Methylene Chloride	2.86	84	1781	Below	Cal	94
25) 2-Butanone	4.71	43	61650	18.41	ug/l	99
29) Tetrahydrofuran	5.17	42	945	0.55	ug/l #	57
36) 1,1-Dichloropropene	5.67	75	19244	3.89	ug/l #	49
37) Ethyl Acetate	4.71	43	61650	11.33	ug/l #	68
38) Carbon Tetrachloride	5.67	117	25037	5.32	ug/l #	17
41) Methacrylonitrile	5.20	41	3043	1.02	ug/l #	47
48) Methyl methacrylate	7.76	41	1000	0.24	ug/l #	42
51) 4-Methyl-2-Pentanone	8.65	43	358221	52.78	ug/l	99
52) Toluene	8.79	92	9974	1.06	ug/l	100
56) Ethyl methacrylate	9.10	69	121934	21.92	ug/l #	67
59) 2-Hexanone	9.50	43	5909	1.16	ug/l	87
67) Ethyl Benzene	10.25	91	3803	0.21	ug/l	95
68) m/p-Xylenes	10.36	106	18533	2.58	ug/l	98
69) o-Xylene	10.70	106	25574	3.77	ug/l	95
76) 1,2,3-Trichloropropane	11.14	75	112244	20.17	ug/l #	36
78) n-propylbenzene	11.36	91	5721	0.27	ug/l #	52
79) 2-Chlorotoluene	11.43	91	29489	2.31	ug/l #	41
80) 1,3,5-Trimethylbenzene	11.51	105	245901	16.18	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.14	75	112244	54.66	ug/l #	9
83) tert-Butylbenzene	11.77	119	3565	0.24	ug/l	87
84) 1,2,4-Trimethylbenzene	11.81	105	401975	26.31	ug/l	99

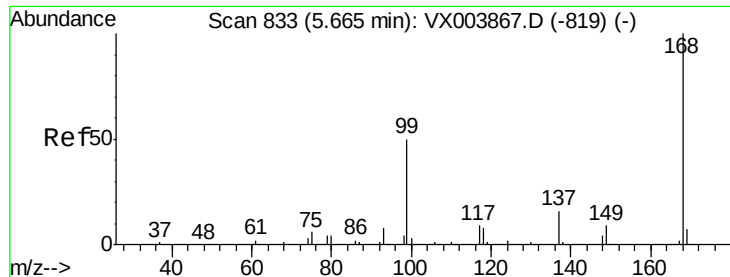
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080718\
Data File : VX003909.D
Acq On : 08 Aug 2018 05:24
Operator : JC/MD
Sample : J4374-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OILY-WATER

Quant Time: Aug 08 08:13:56 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 07 07:45:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	11.81	105	401970	22.79	ug/l #	56
86) p-Isopropyltoluene	12.07	119	23800	1.50	ug/l	96
88) 1,4-Dichlorobenzene	12.10	146	5726	0.39	ug/l #	58
89) n-Butylbenzene	12.38	91	37859	2.74	ug/l #	1
90) Hexachloroethane	12.59	117	18399	7.16	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	12.98	75	1579	1.21	ug/l #	1
94) Hexachlorobutadiene	13.78	225	384	0.56	ug/l	97
95) Naphthalene	13.83	128	37137	1.98	ug/l #	89

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003909.D

Acq: 08 Aug 2018 05:24

Instrument :

MSVOA_X

ClientSampleId :

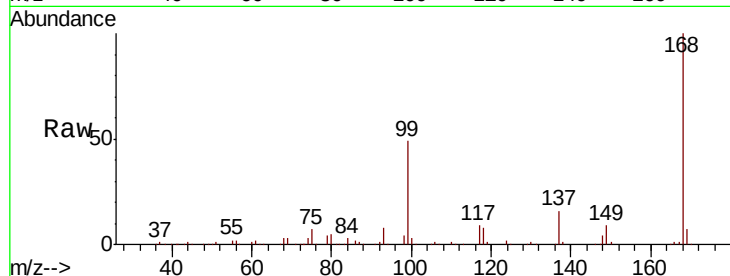
OILY-WATER

Tot Ion:168 Resp: 282501

Ion Ratio Lower Upper

168 100

99 48.6 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

60000

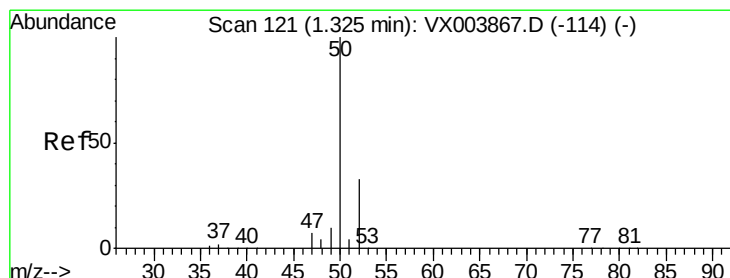
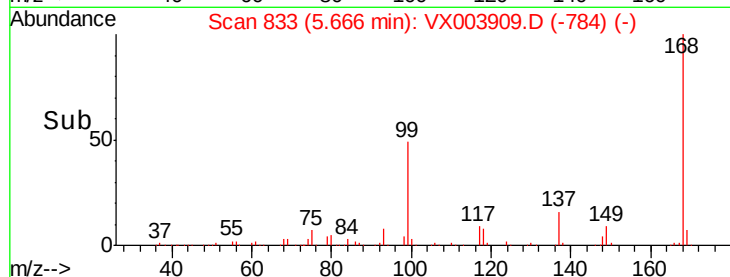
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.22 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003909.D

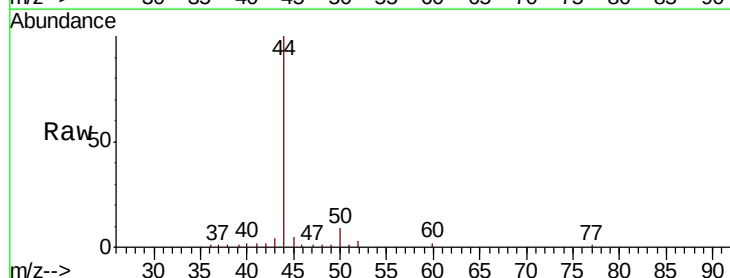
Acq: 08 Aug 2018 05:24

Tgt Ion: 50 Resp: 856

Ion Ratio Lower Upper

50 100

52 29.9 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

1200

1000

800

600

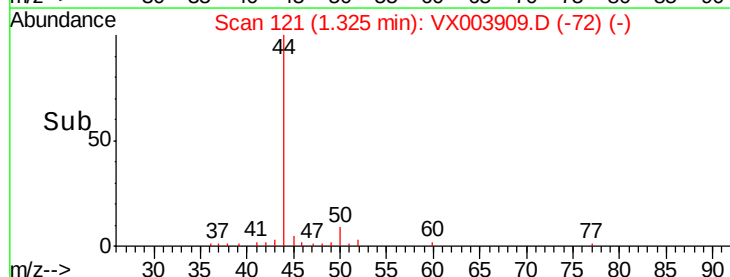
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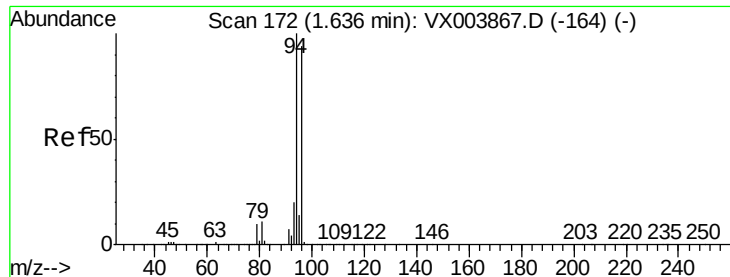
200

0

Time-->

1.30 1.35





#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX003909.D

Acq: 08 Aug 2018 05:24

Instrument :

MSVOA_X

ClientSampled :

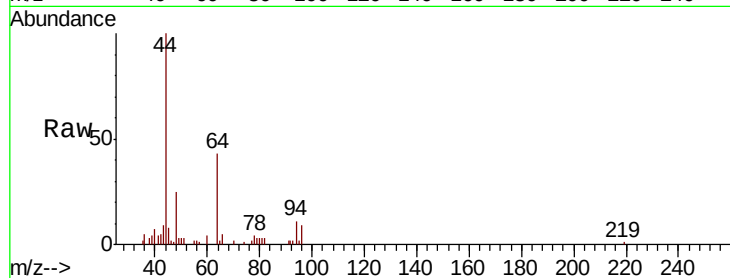
OILY-WATER

Tot Ion: 94 Resp: 492

Ion Ratio Lower Upper

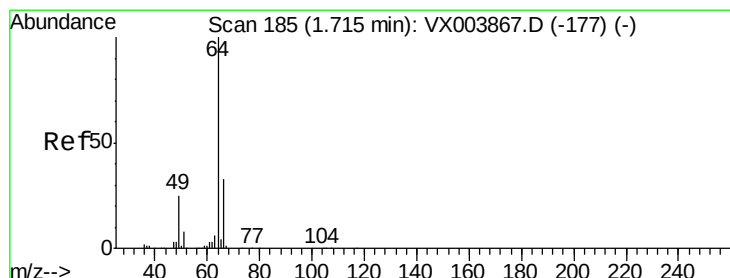
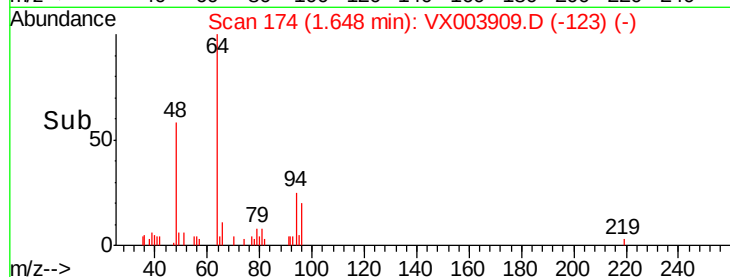
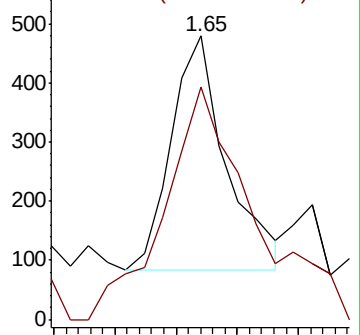
94 100

96 80.3 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 4.32 ug/l

RT: 1.60 min Scan# 166

Delta R.T. -0.12 min

Lab File: VX003909.D

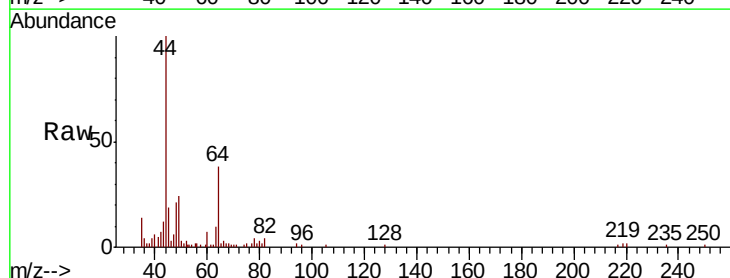
Acq: 08 Aug 2018 05:24

Tgt Ion: 64 Resp: 10726

Ion Ratio Lower Upper

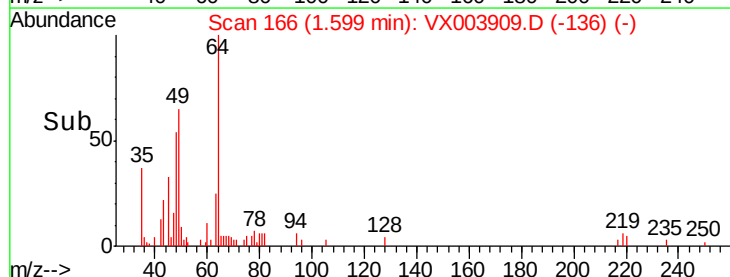
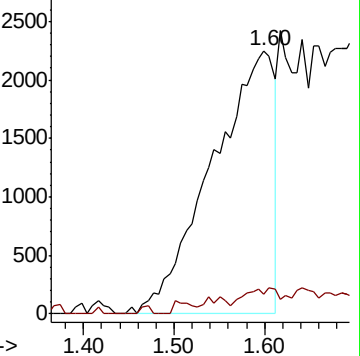
64 100

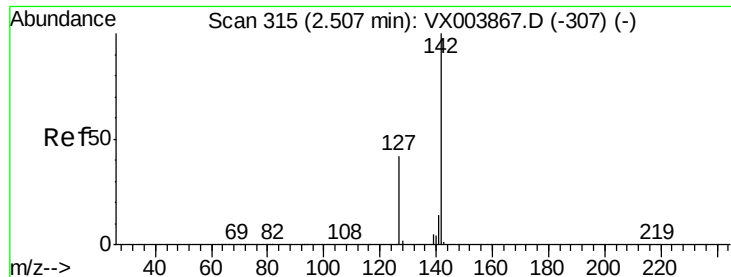
66 7.5 26.5 39.7#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

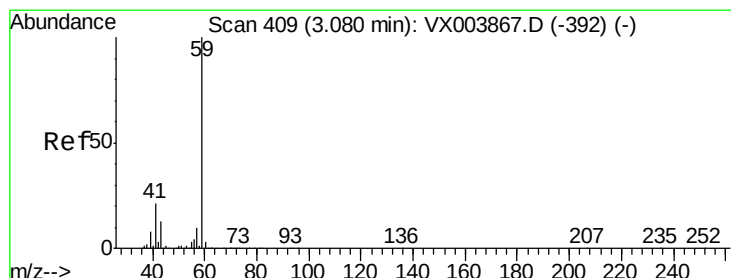
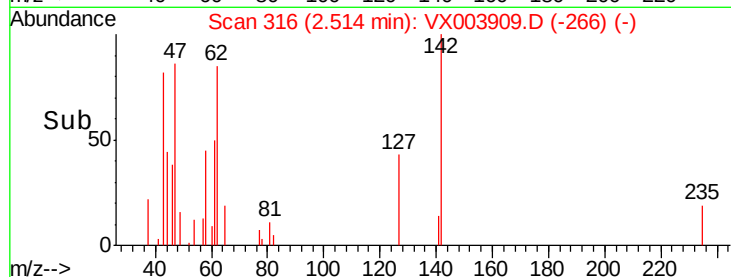
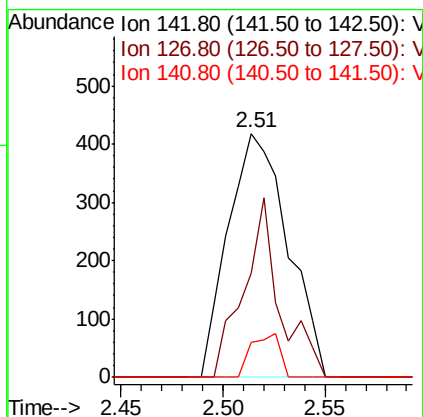
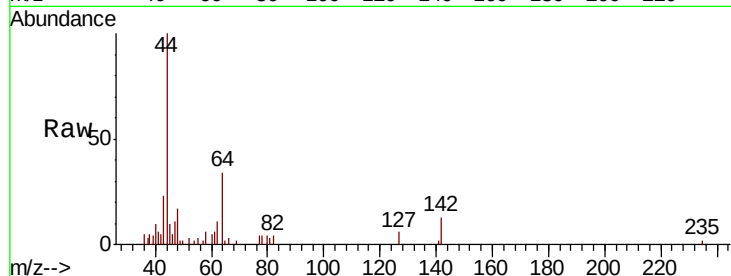




#10
Methvl Iodide
Concen: 0.21 ug/l
RT: 2.51 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX003909.D
Acq: 08 Aug 2018 05:24

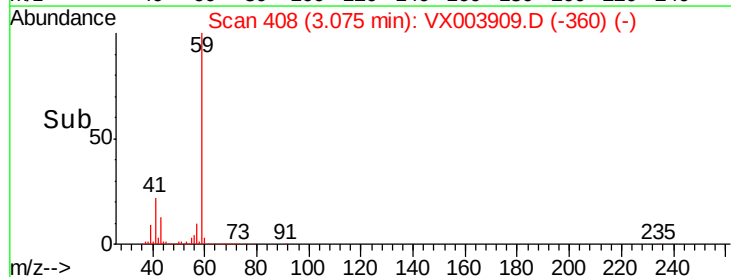
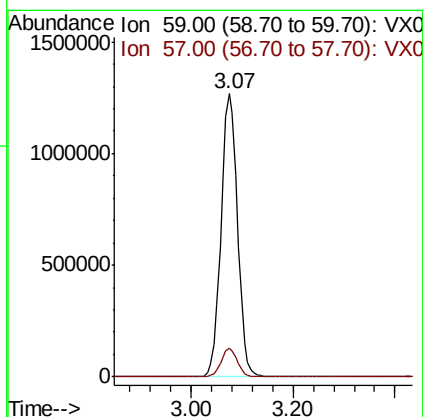
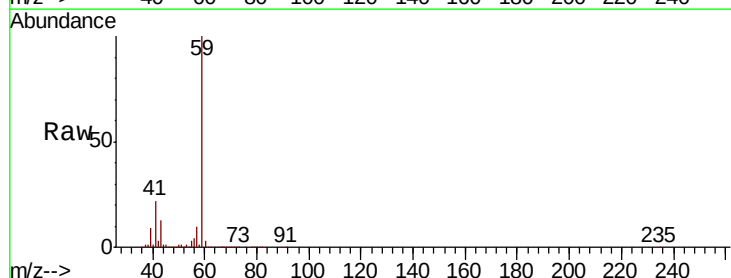
Instrument :
MSVOA_X
ClientSampled :
OILY-WATER

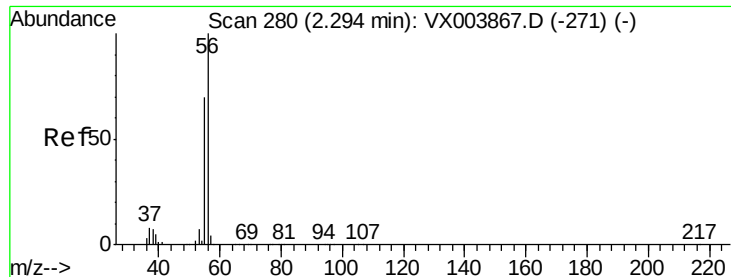
Tot Ion:142 Resp: 853
Ion Ratio Lower Upper
142 100
127 44.5 33.1 49.7
141 8.4 11.1 16.7#



#11
Tert butyl alcohol
Concen: 3153.21 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX003909.D
Acq: 08 Aug 2018 05:24

Tgt Ion: 59 Resp: 2837469
Ion Ratio Lower Upper
59 100
57 10.1 8.1 12.1

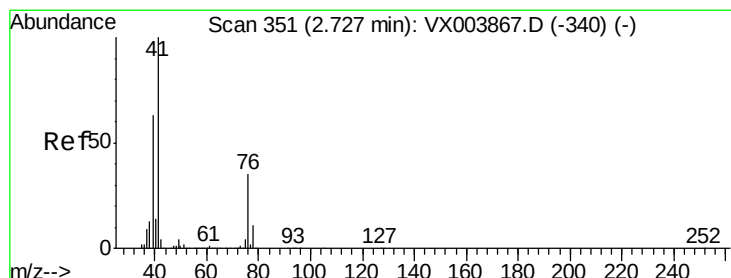
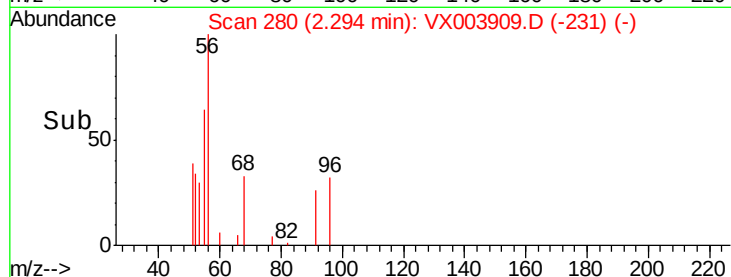
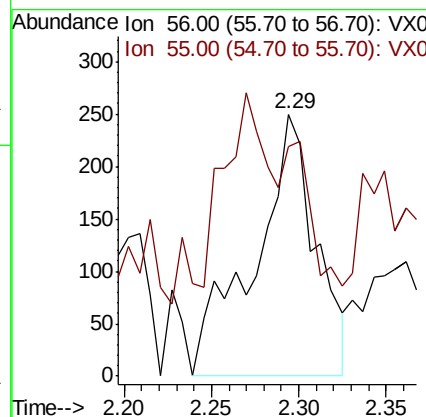
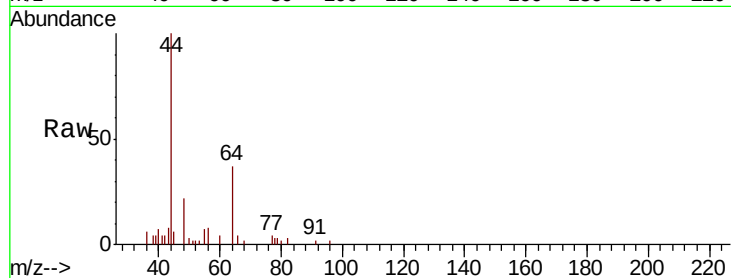




#13
 Acrolein
 Concen: Below Cal
 RT: 2.29 min Scan# 280
 Delta R.T. 0.00 min
 Lab File: VX003909.D
 Acq: 08 Aug 2018 05:24

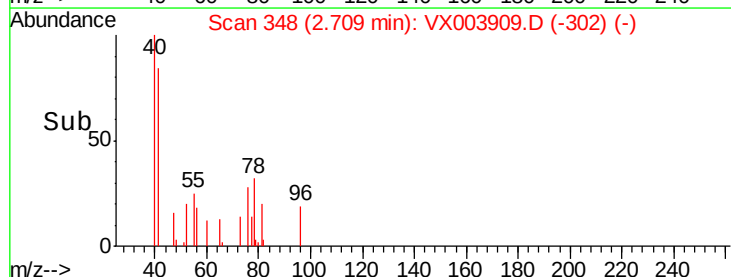
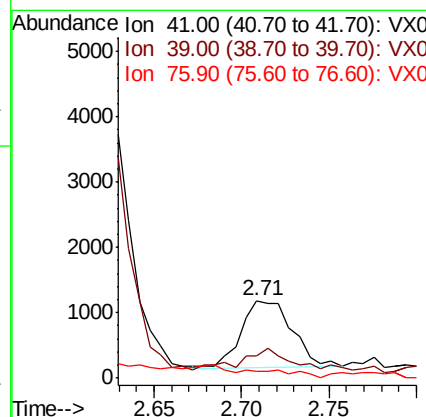
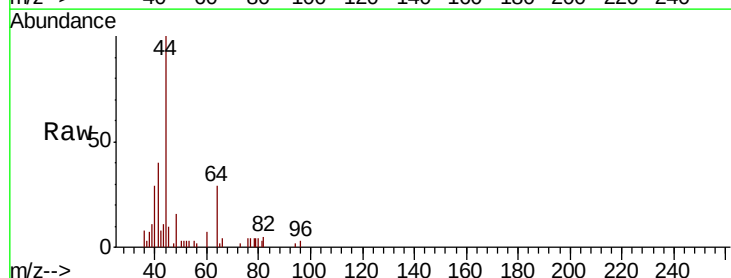
Instrument :
 MSVOA_X
 ClientSampleId :
 OILY-WATER

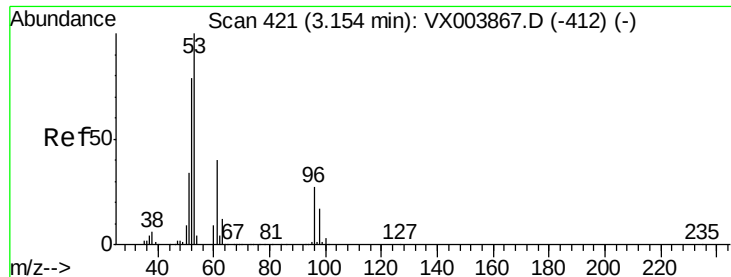
Tot Ion: 56 Resp: 609
 Ion Ratio Lower Upper
 56 100
 55 0.0 56.1 84.1#



#14
 Allyl chloride
 Concen: 0.35 ug/l
 RT: 2.71 min Scan# 348
 Delta R.T. -0.02 min
 Lab File: VX003909.D
 Acq: 08 Aug 2018 05:24

Tgt Ion: 41 Resp: 2072
 Ion Ratio Lower Upper
 41 100
 39 33.7 47.4 71.0#
 76 0.0 26.0 39.0#





#15

Acrylonitrile

Concen: 12.52 ug/l

RT: 3.07 min Scan# 408

Delta R.T. -0.08 min

Lab File: VX003909.D

Acq: 08 Aug 2018 05:24

Instrument :

MSVOA_X

ClientSampleId :

OILY-WATER

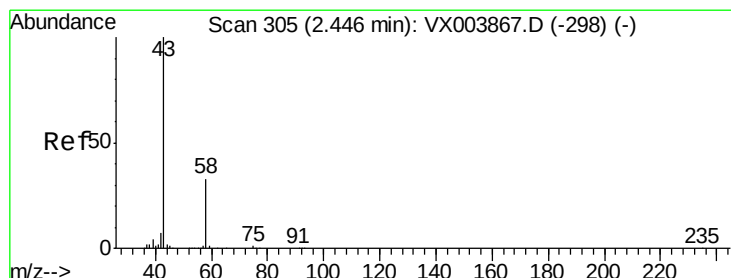
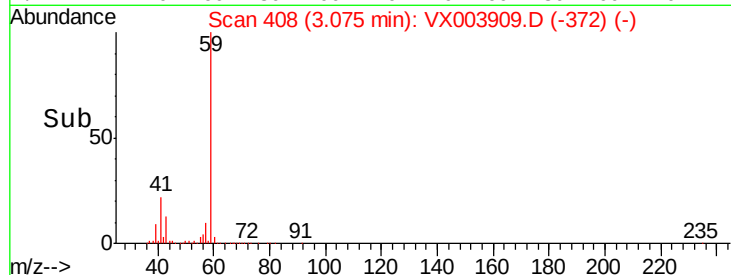
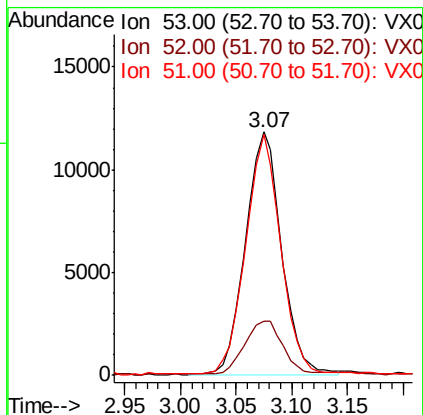
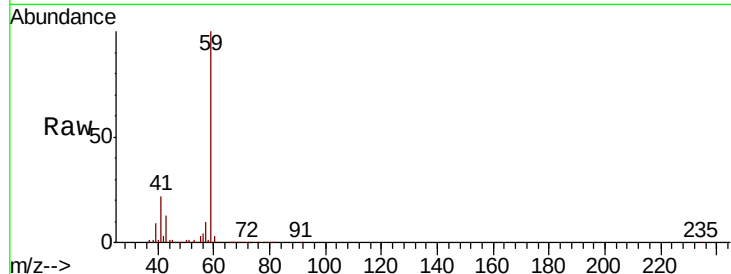
Tot Ion: 53 Resp: 26891

Ion Ratio Lower Upper

53 100

52 22.6 65.3 97.9#

51 94.8 27.9 41.9#



#16

Acetone

Concen: 101.96 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX003909.D

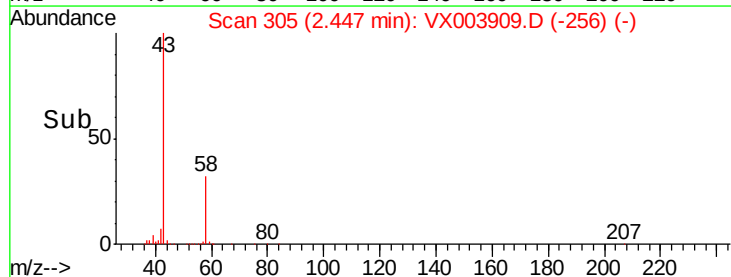
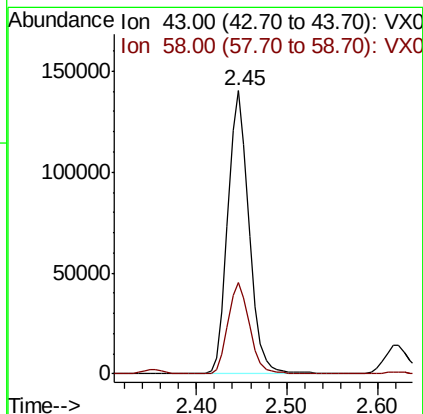
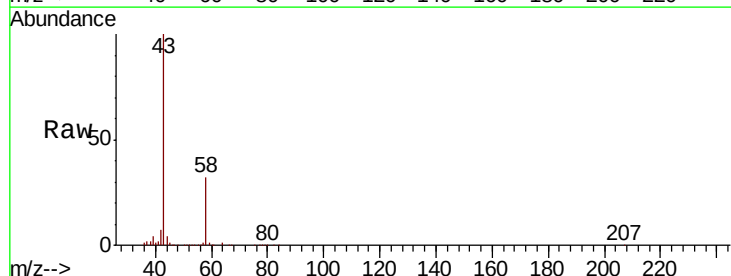
Acq: 08 Aug 2018 05:24

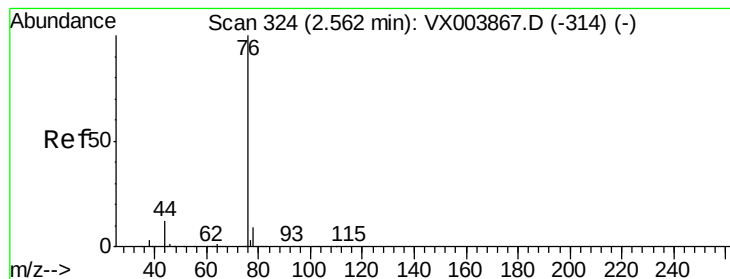
Tgt Ion: 43 Resp: 227163

Ion Ratio Lower Upper

43 100

58 32.5 26.4 39.6





#17

Carbon Disulfide

Concen: 2.65 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.01 min

Lab File: VX003909.D

Acq: 08 Aug 2018 05:24

Instrument :

MSVOA_X

ClientSampled :

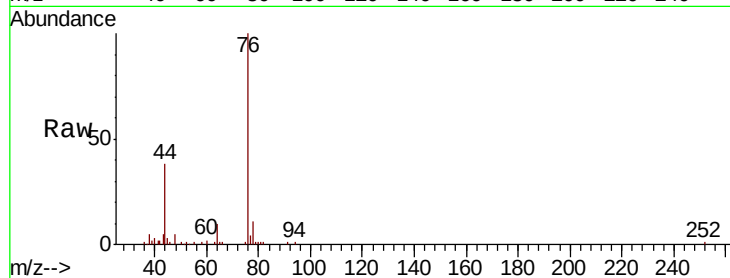
OILY-WATER

Tot Ion: 76 Resp: 19134

Ion Ratio Lower Upper

76 100

78 10.5 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

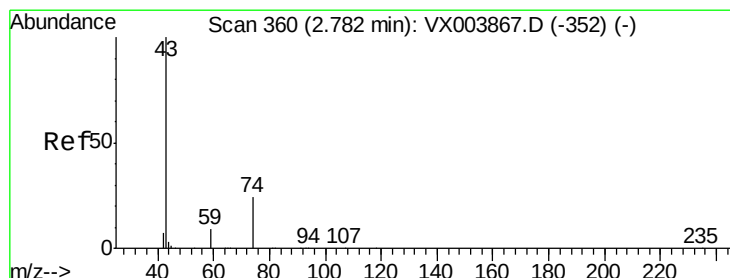
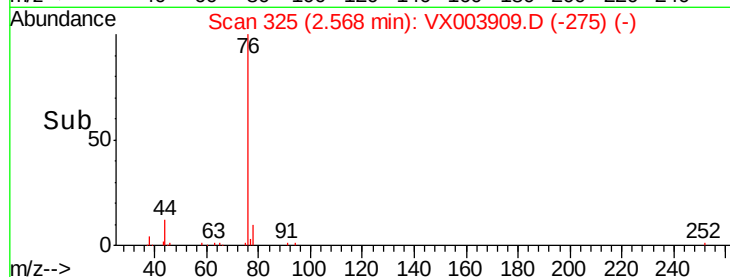
10000

5000

0

Time-->

2.50 2.55 2.60 2.65



#18

Methyl Acetate

Concen: 5.32 ug/l

RT: 2.62 min Scan# 333

Delta R.T. -0.16 min

Lab File: VX003909.D

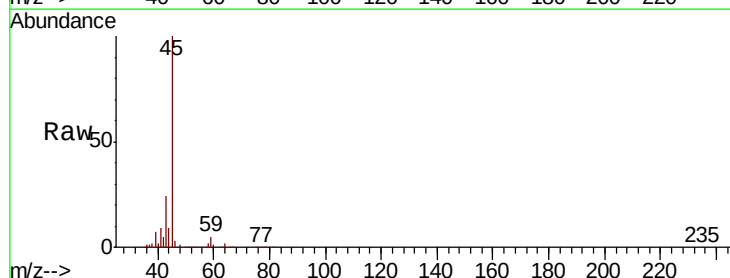
Acq: 08 Aug 2018 05:24

Tgt Ion: 43 Resp: 25800

Ion Ratio Lower Upper

43 100

74 0.0 18.9 28.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.62

15000

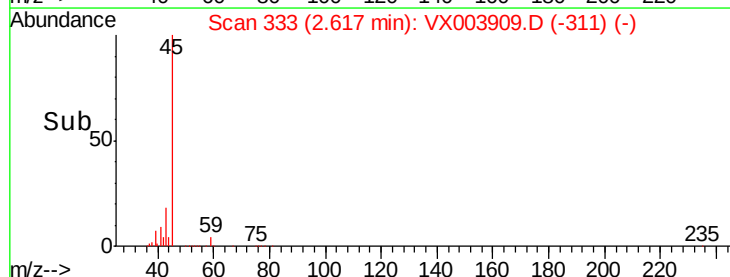
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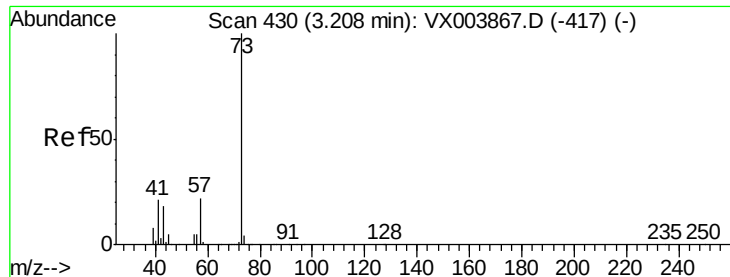
5000

0

Time-->

2.55 2.60 2.65 2.70 2.75

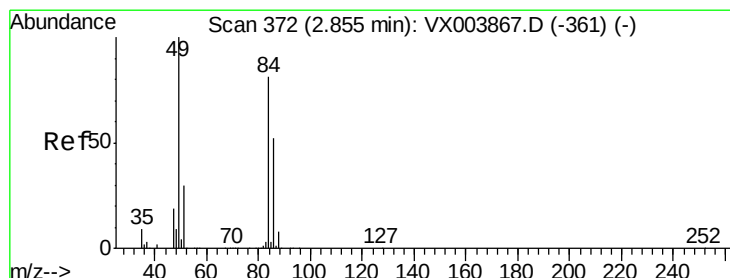
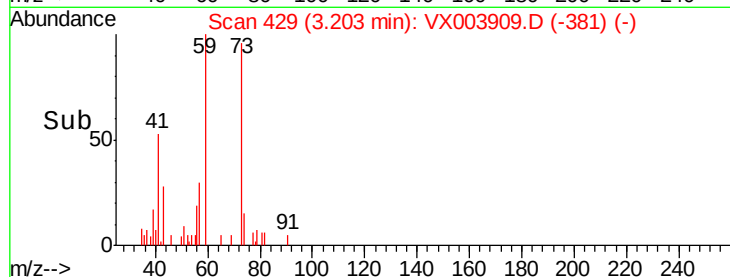
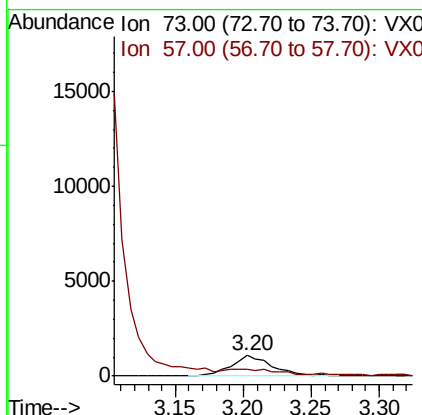
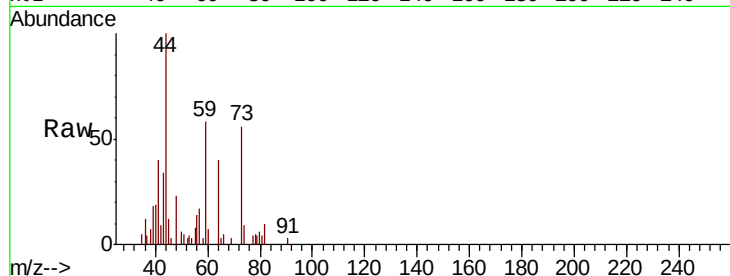




#19
Methyl tert-butyl Ether
Concen: 0.21 ug/l
RT: 3.20 min Scan# 429
Delta R.T. -0.01 min
Lab File: VX003909.D
Acq: 08 Aug 2018 05:24

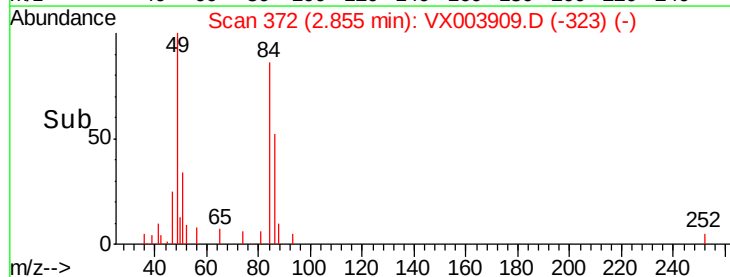
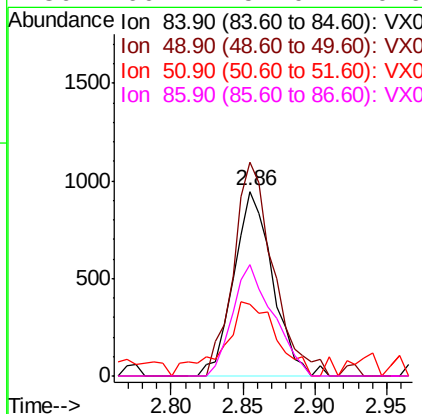
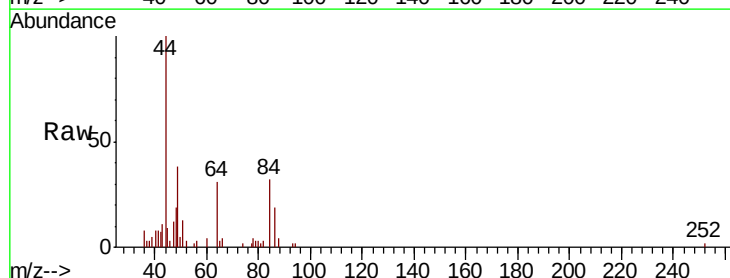
Instrument :
MSVOA_X
ClientSampleId :
OILY-WATER

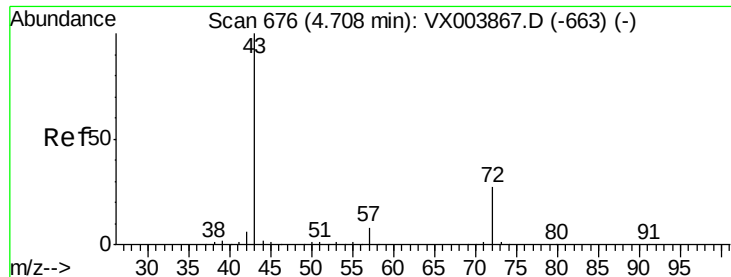
Tot Ion: 73 Resp: 2263
Ion Ratio Lower Upper
73 100
57 19.7 18.0 27.0



#20
Methylene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003909.D
Acq: 08 Aug 2018 05:24

Tgt Ion: 84 Resp: 1781
Ion Ratio Lower Upper
84 100
49 115.6 98.9 148.3
51 39.1 29.9 44.9
86 60.1 51.0 76.6





#25

2-Butanone

Concen: 18.41 ug/l

RT: 4.71 min Scan# 676

Delta R.T. 0.00 min

Lab File: VX003909.D

Acq: 08 Aug 2018 05:24

Instrument :

MSVOA_X

ClientSampleId :

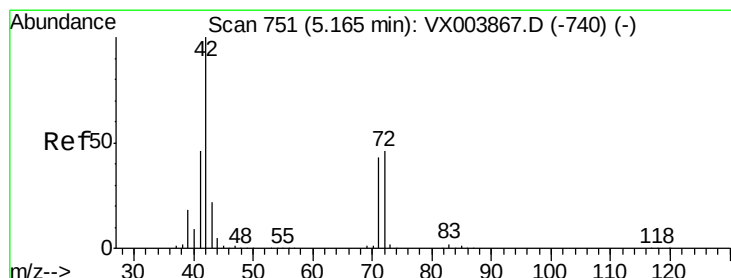
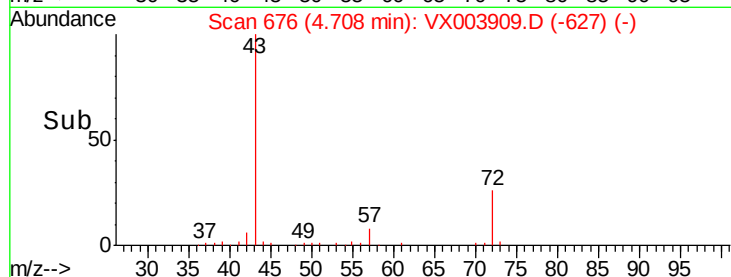
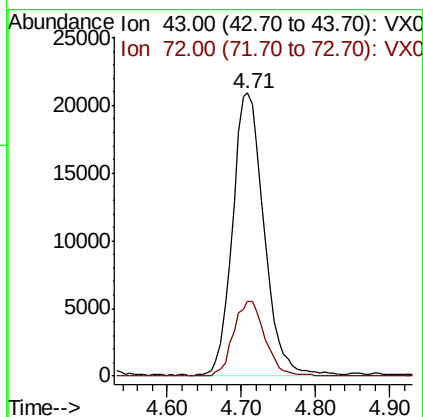
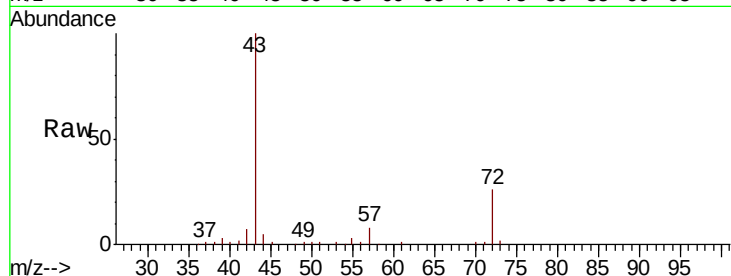
OILY-WATER

Tot Ion: 43 Resp: 61650

Ion Ratio Lower Upper

43 100

72 26.3 21.4 32.0



#29

Tetrahydrofuran

Concen: 0.55 ug/l

RT: 5.17 min Scan# 751

Delta R.T. 0.00 min

Lab File: VX003909.D

Acq: 08 Aug 2018 05:24

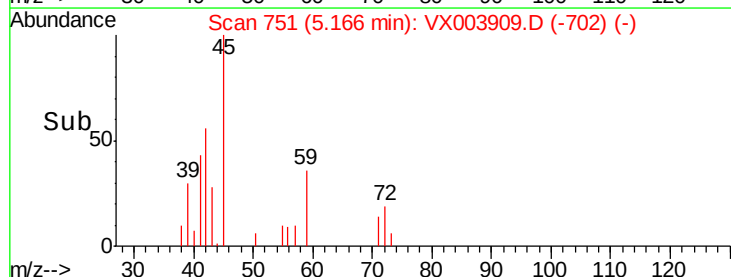
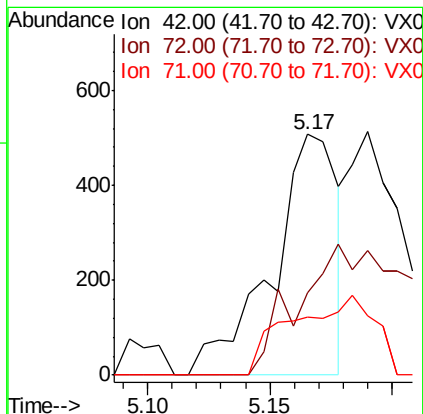
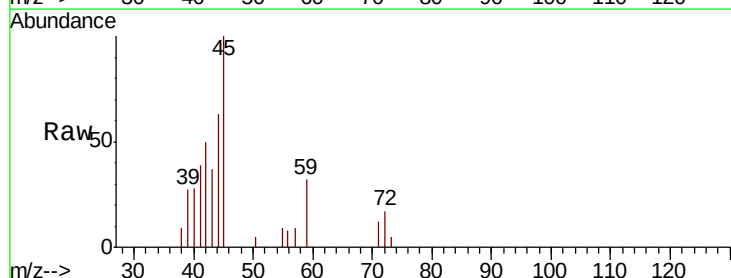
Tgt Ion: 42 Resp: 945

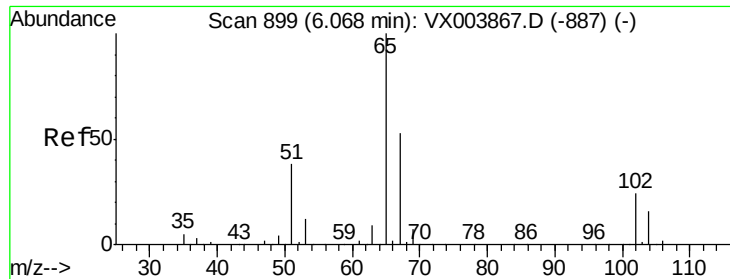
Ion Ratio Lower Upper

42 100

72 101.6 37.7 56.5#

71 42.4 35.0 52.6

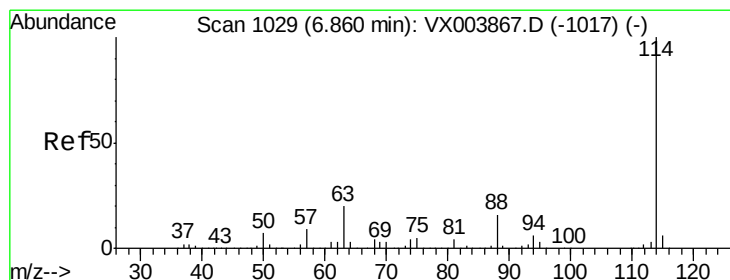
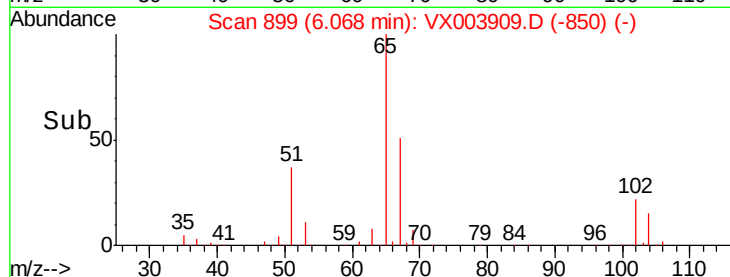
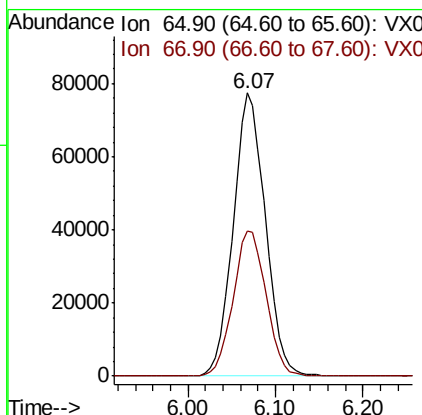
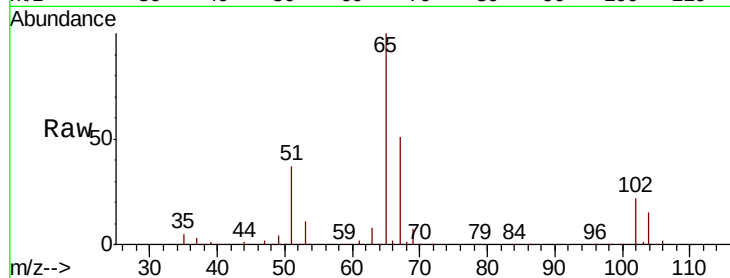




#33
 1,2-Dichloroethane-d4
 Concen: 52.64 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VX003909.D
 Acq: 08 Aug 2018 05:24

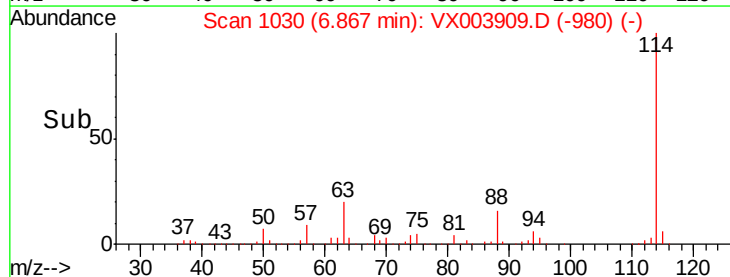
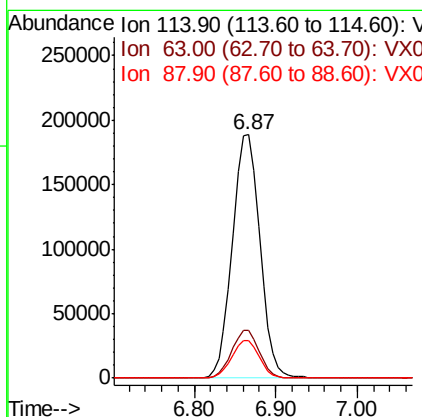
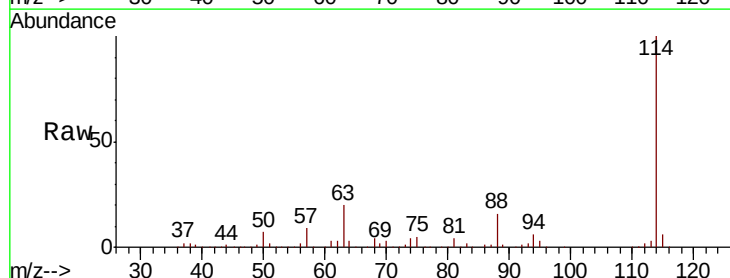
Instrument :
 MSVOA_X
 ClientSampleId :
 OILY-WATER

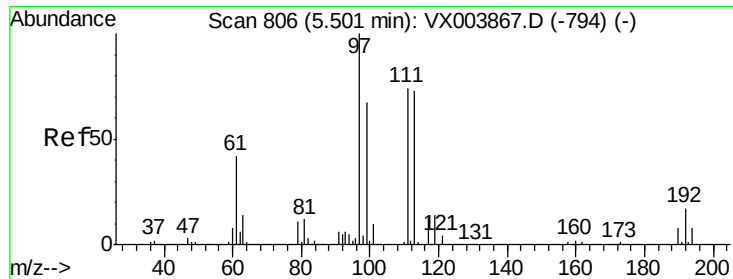
Tot Ion: 65 Resp: 197123
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.01 min
 Lab File: VX003909.D
 Acq: 08 Aug 2018 05:24

Tgt Ion: 114 Resp: 441623
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.0
 88 15.5 0.0 32.0

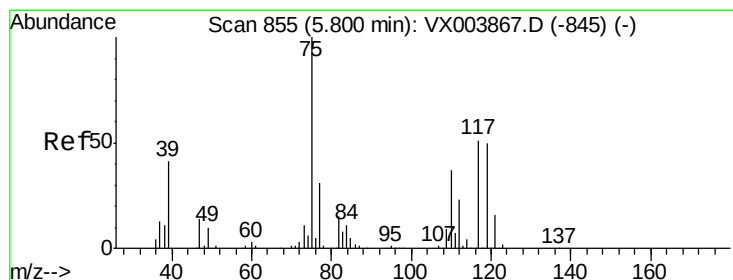
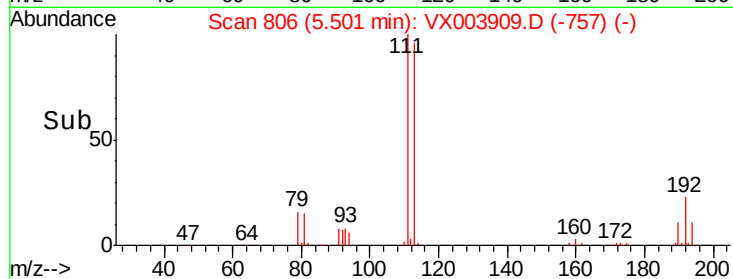
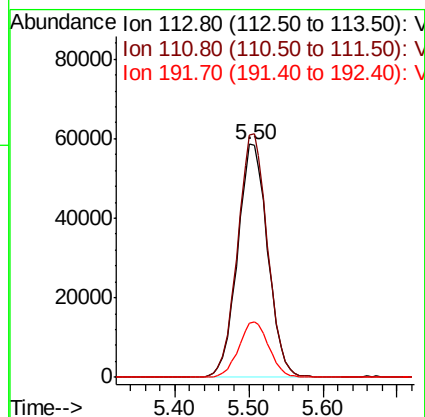
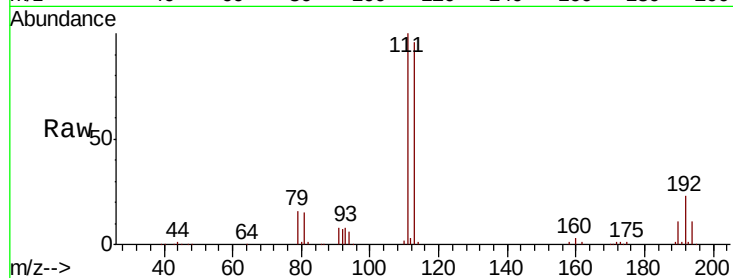




#35
 Dibromofluoromethane
 Concen: 49.68 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX003909.D
 Acq: 08 Aug 2018 05:24

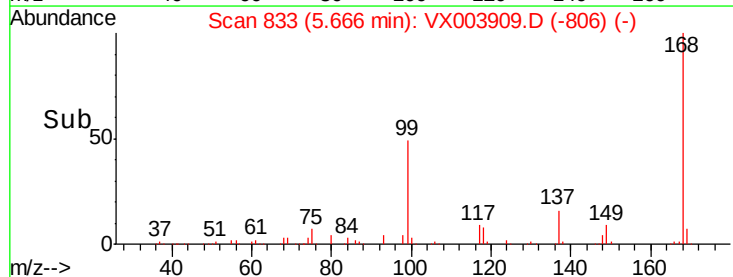
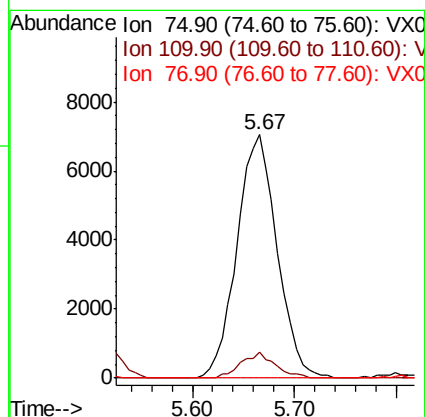
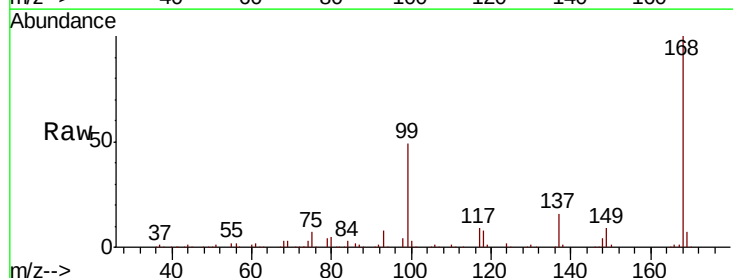
Instrument :
 MSVOA_X
 ClientSampleId :
 OILY-WATER

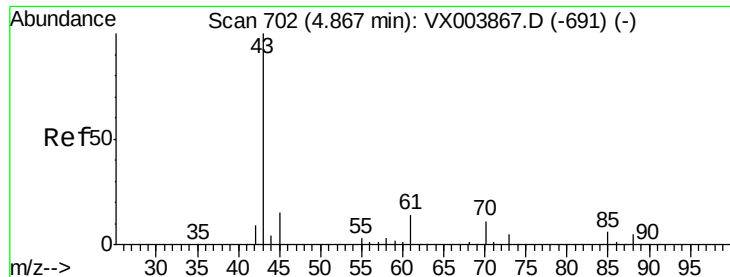
Tot Ion:113 Resp: 166208
 Ion Ratio Lower Upper
 113 100
 111 104.1 82.0 123.0
 192 23.8 19.0 28.4



#36
 1,1-Dichloropropene
 Concen: 3.89 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.13 min
 Lab File: VX003909.D
 Acq: 08 Aug 2018 05:24

Tgt Ion: 75 Resp: 19244
 Ion Ratio Lower Upper
 75 100
 110 9.1 18.2 54.6#
 77 0.0 25.0 37.4#





#37

Ethyl Acetate

Concen: 11.33 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.16 min

Lab File: VX003909.D

Acq: 08 Aug 2018 05:24

Instrument :

MSVOA_X

ClientSampled :

OILY-WATER

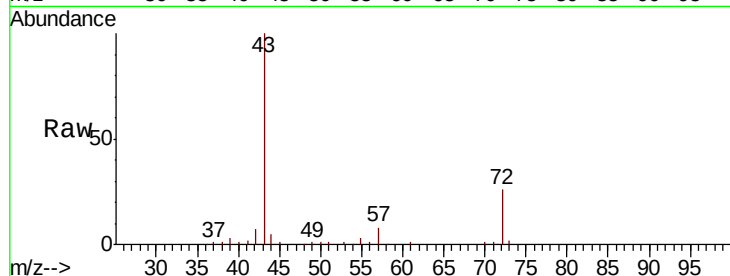
Tot Ion: 43 Resp: 61650

Ion Ratio Lower Upper

43 100

61 0.0 11.5 17.3#

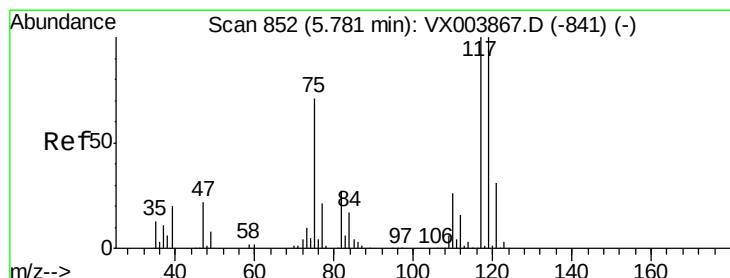
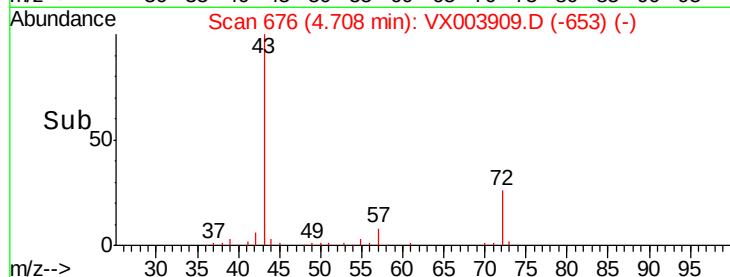
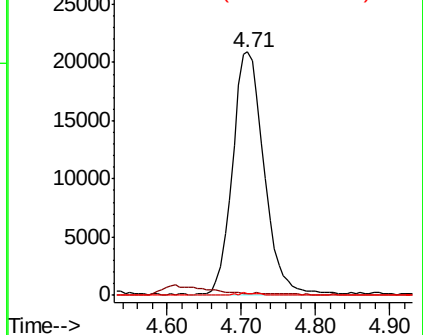
70 0.9 9.0 13.4#



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: 5.32 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.12 min

Lab File: VX003909.D

Acq: 08 Aug 2018 05:24

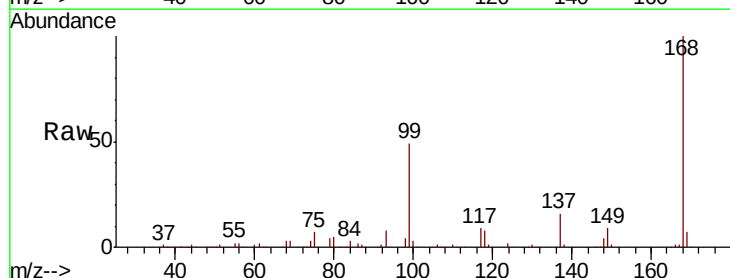
Tgt Ion: 117 Resp: 25037

Ion Ratio Lower Upper

117 100

119 7.8 79.5 119.3#

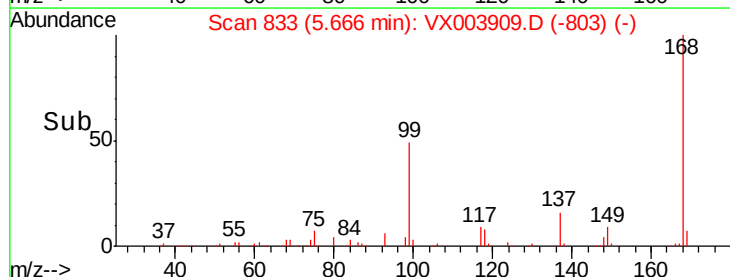
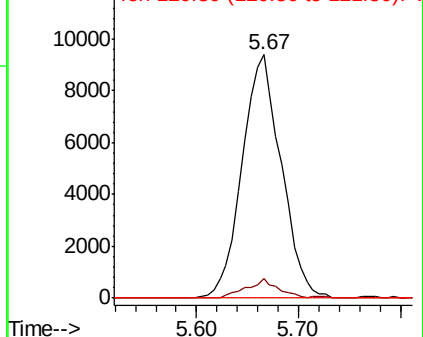
121 0.0 25.0 37.4#

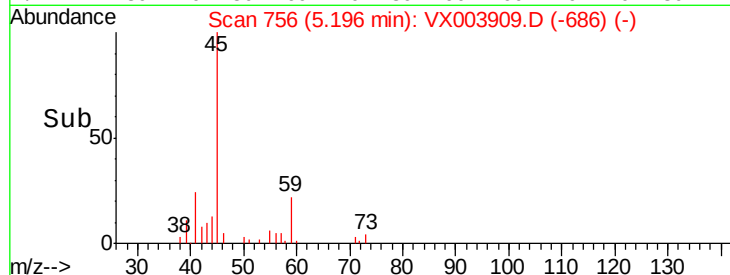
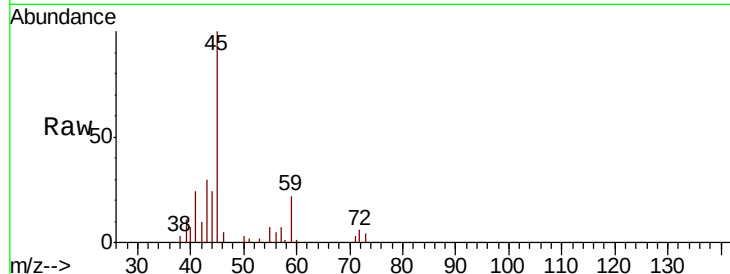
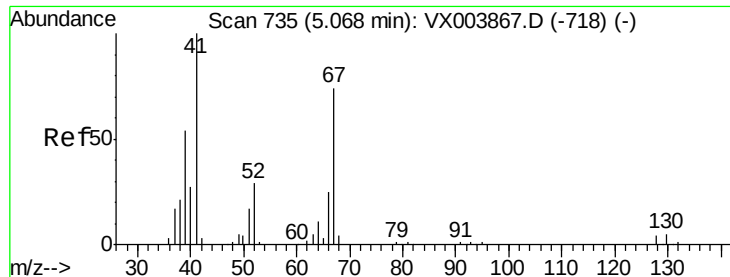


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

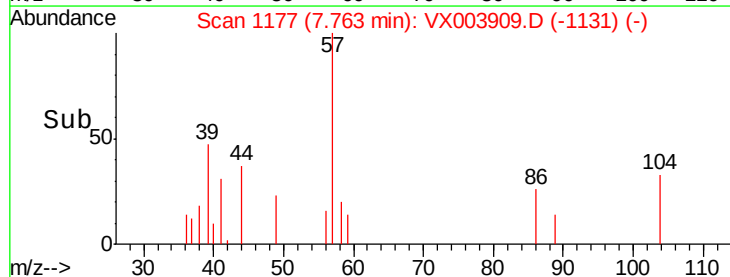
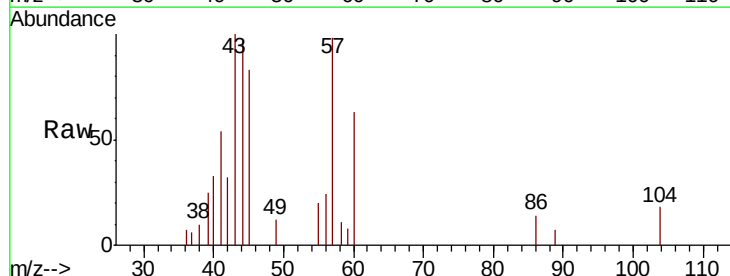
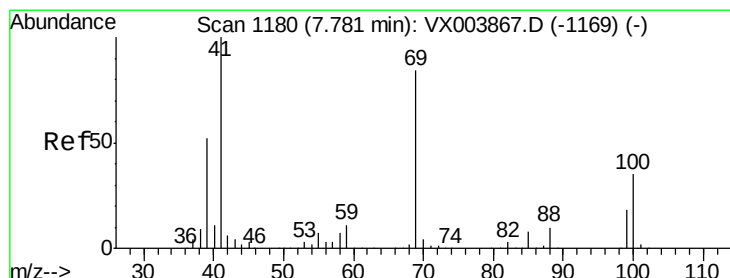
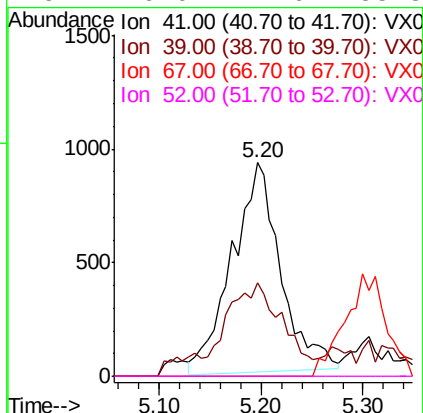




#41
Methacrylonitrile
Concen: 1.02 ug/l
RT: 5.20 min Scan# 756
Delta R.T. 0.13 min
Lab File: VX003909.D
Acq: 08 Aug 2018 05:24

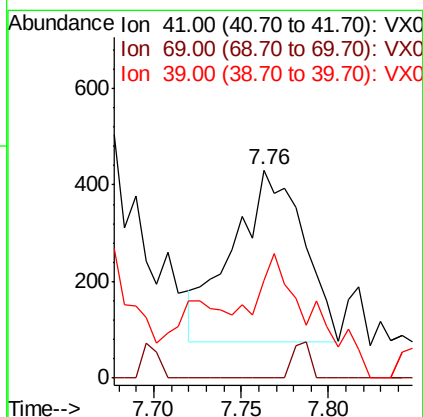
Instrument :
MSVOA_X
ClientSampleId :
OILY-WATER

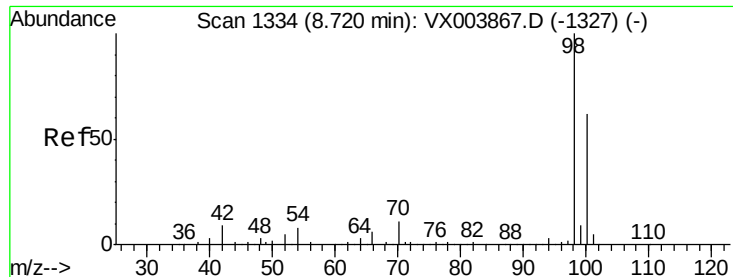
Tot Ion: 41 Resp: 3043
Ion Ratio Lower Upper
41 100
39 57.7 42.7 64.1
67 0.0 58.9 88.3#
52 0.0 22.6 33.8#



#48
Methyl methacrylate
Concen: 0.24 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.02 min
Lab File: VX003909.D
Acq: 08 Aug 2018 05:24

Tgt Ion: 41 Resp: 1000
Ion Ratio Lower Upper
41 100
69 0.0 68.8 103.2#
39 52.0 42.3 63.5

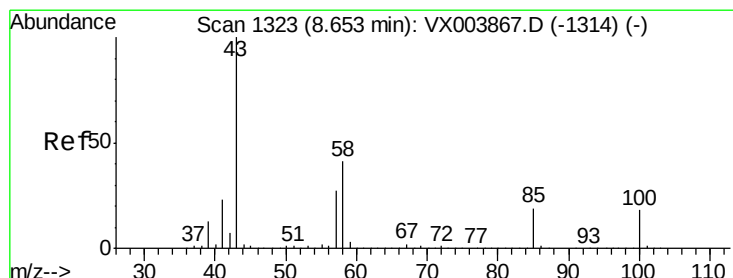
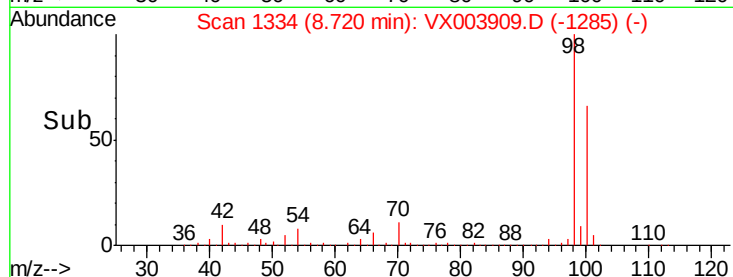
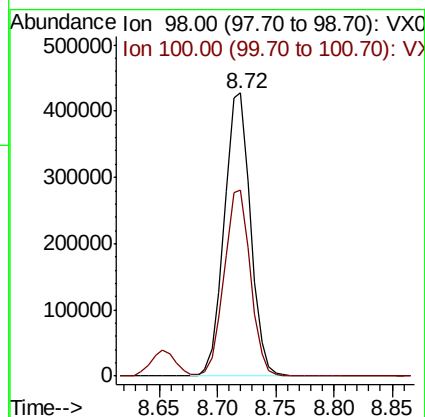
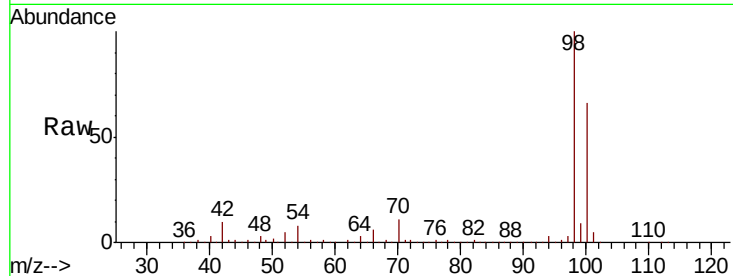




#50
Toluene-d8
Concen: 50.97 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003909.D
Acq: 08 Aug 2018 05:24

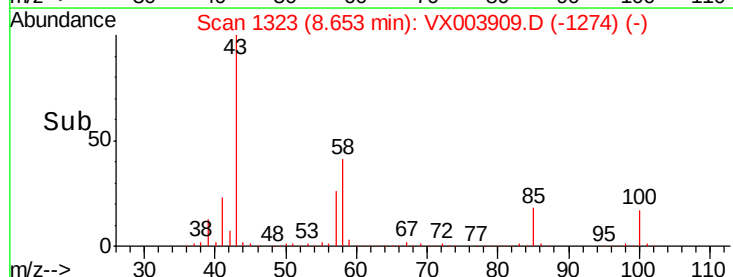
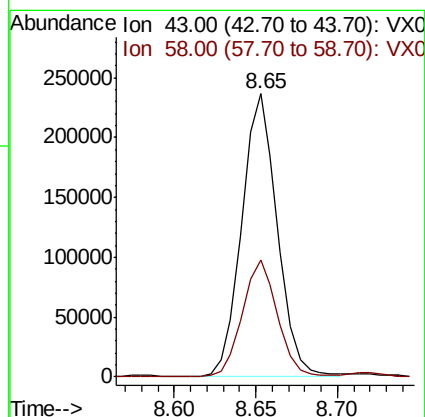
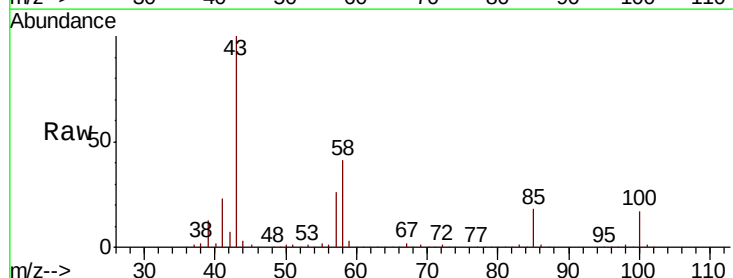
Instrument :
MSVOA_X
ClientSampleId :
OILY-WATER

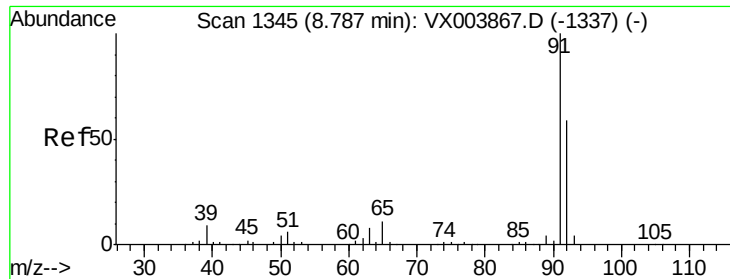
Tot Ion: 98 Resp: 663093
Ion Ratio Lower Upper
98 100
100 65.8 53.3 79.9



#51
4-Methyl-2-Pentanone
Concen: 52.78 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. 0.00 min
Lab File: VX003909.D
Acq: 08 Aug 2018 05:24

Tgt Ion: 43 Resp: 358221
Ion Ratio Lower Upper
43 100
58 40.8 33.0 49.6





#52

Toluene

Concen: 1.06 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003909.D

Acq: 08 Aug 2018 05:24

Instrument :

MSVOA_X

ClientSampleId :

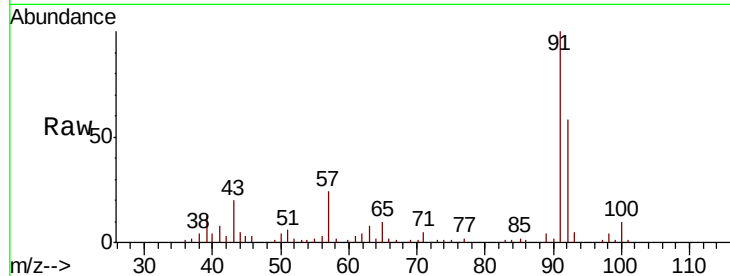
OILY-WATER

Tot Ion: 92 Resp: 9974

Ion Ratio Lower Upper

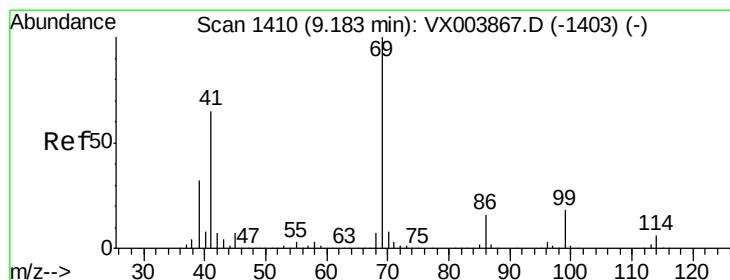
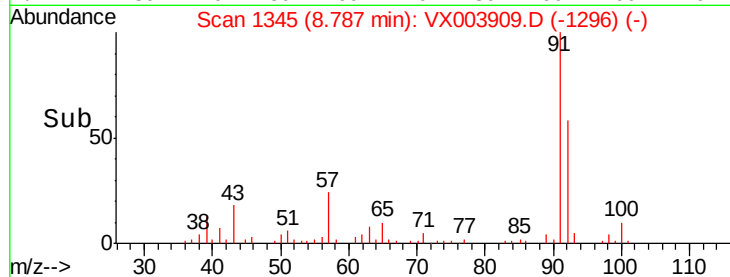
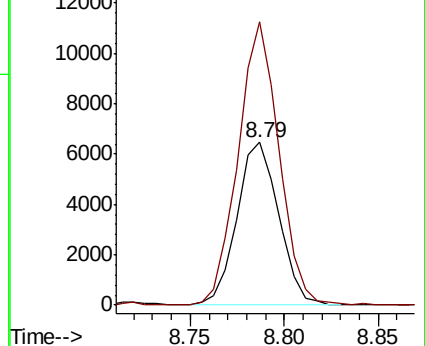
92 100

91 169.6 136.1 204.1



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#56

Ethyl methacrylate

Concen: 21.92 ug/l

RT: 9.10 min Scan# 1397

Delta R.T. -0.08 min

Lab File: VX003909.D

Acq: 08 Aug 2018 05:24

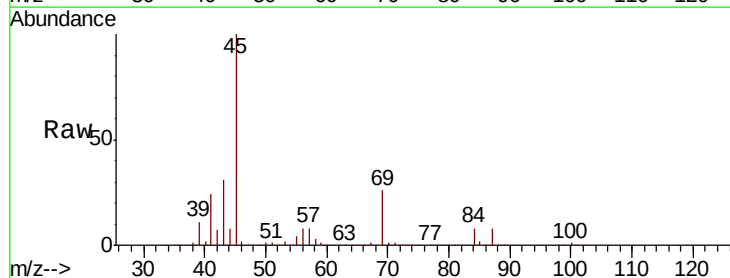
Tgt Ion: 69 Resp: 121934

Ion Ratio Lower Upper

69 100

41 93.6 50.6 76.0#

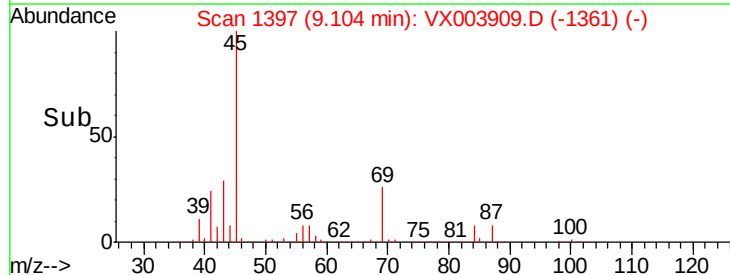
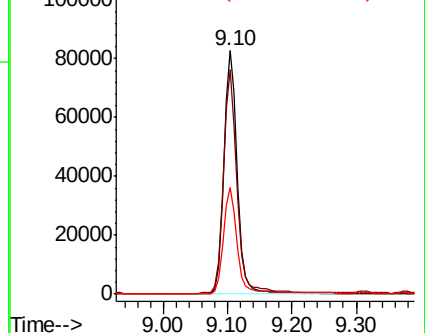
39 44.1 25.8 38.6#

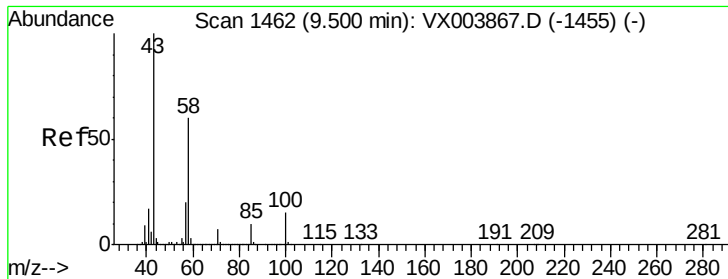


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

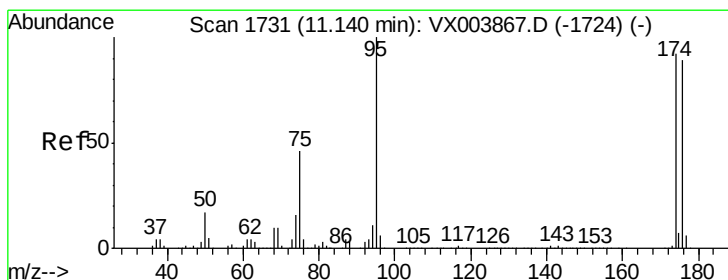
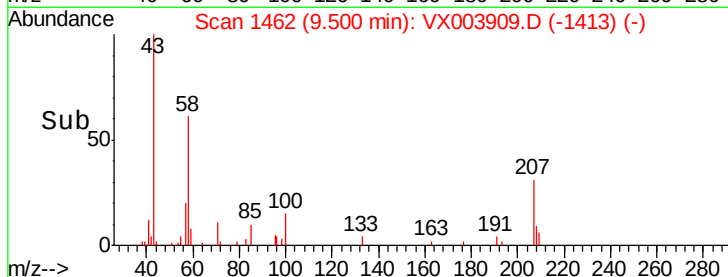
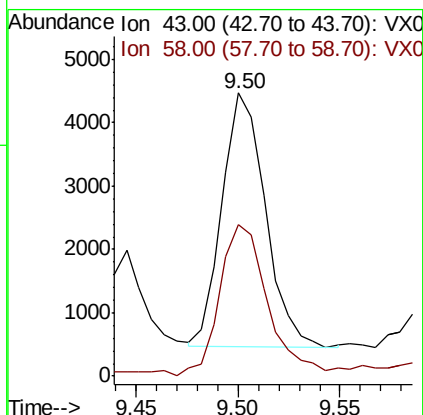
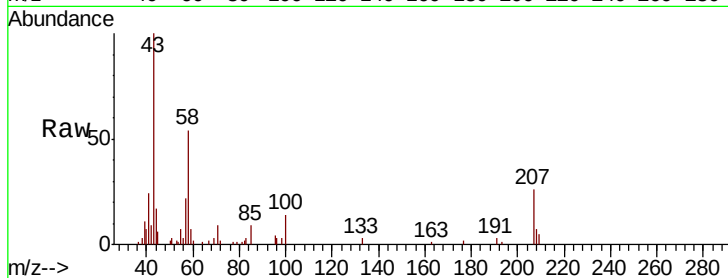




#59
2-Hexanone
Concen: 1.16 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003909.D
Acq: 08 Aug 2018 05:24

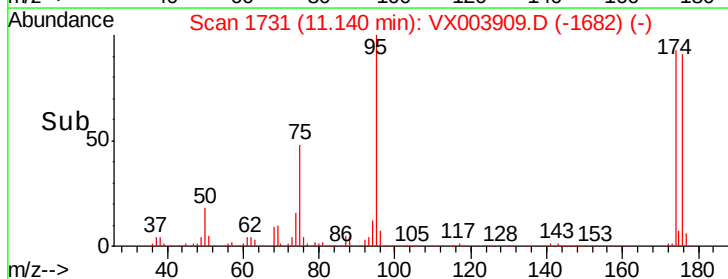
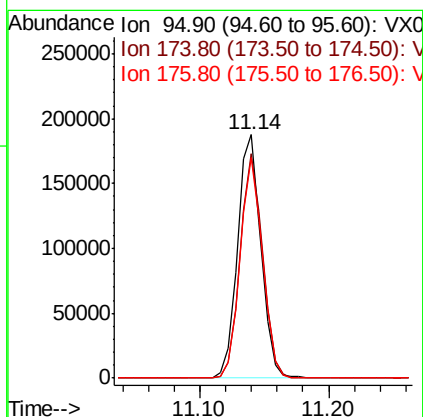
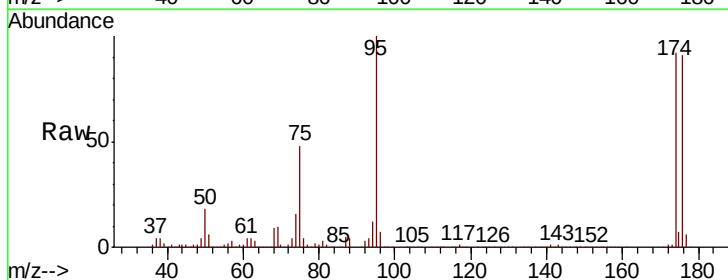
Instrument :
MSVOA_X
ClientSampled :
OILY-WATER

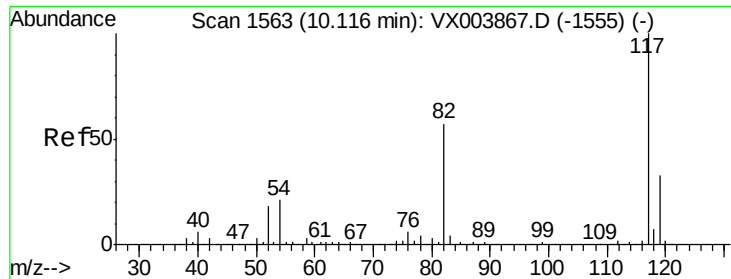
Tot Ion: 43 Resp: 5909
Ion Ratio Lower Upper
43 100
58 67.8 29.0 87.0



#62
4-Bromofluorobenzene
Concen: 56.07 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003909.D
Acq: 08 Aug 2018 05:24

Tgt Ion: 95 Resp: 236055
Ion Ratio Lower Upper
95 100
174 88.5 0.0 182.8
176 86.7 0.0 179.0

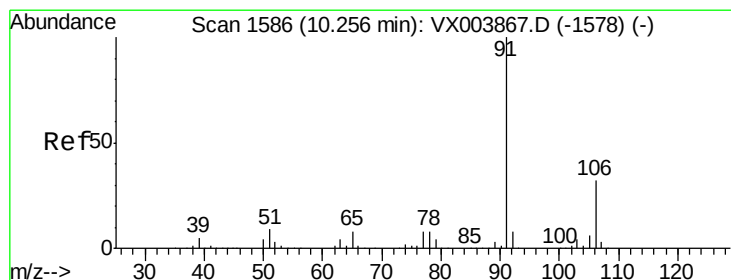
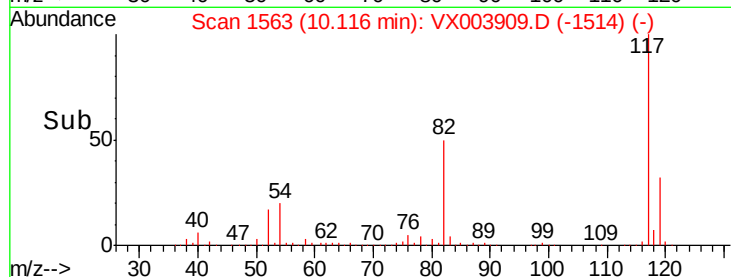
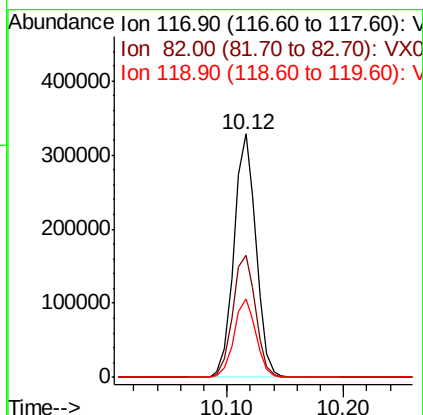
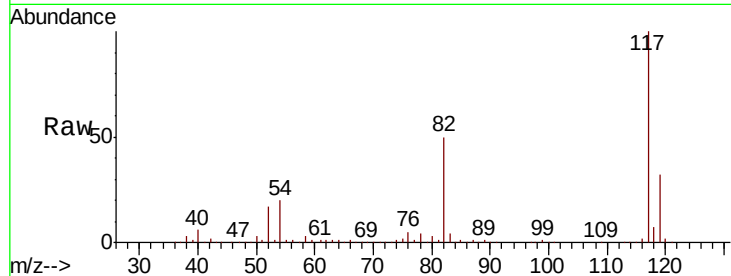




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003909.D
Acq: 08 Aug 2018 05:24

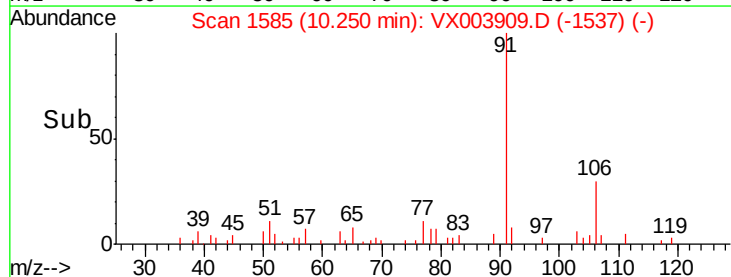
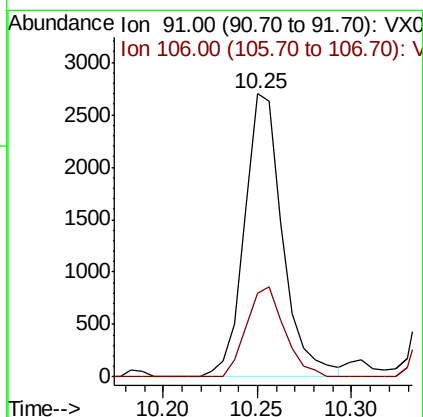
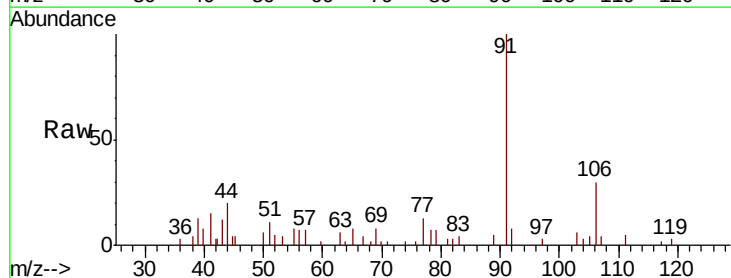
Instrument :
MSVOA_X
ClientSampleId :
OILY-WATER

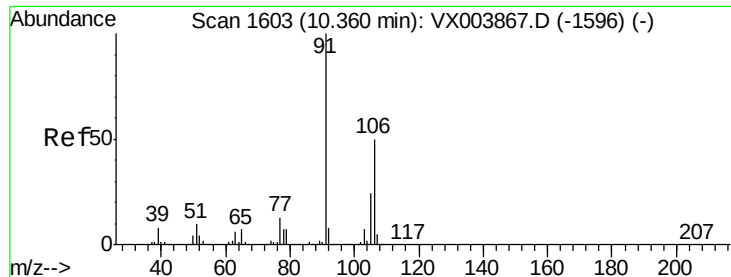
Tot Ion:117 Resp: 432163
Ion Ratio Lower Upper
117 100
82 50.3 45.4 68.0
119 32.3 26.6 40.0



#67
Ethyl Benzene
Concen: 0.21 ug/l
RT: 10.25 min Scan# 1585
Delta R.T. -0.01 min
Lab File: VX003909.D
Acq: 08 Aug 2018 05:24

Tgt Ion: 91 Resp: 3803
Ion Ratio Lower Upper
91 100
106 29.6 25.9 38.9

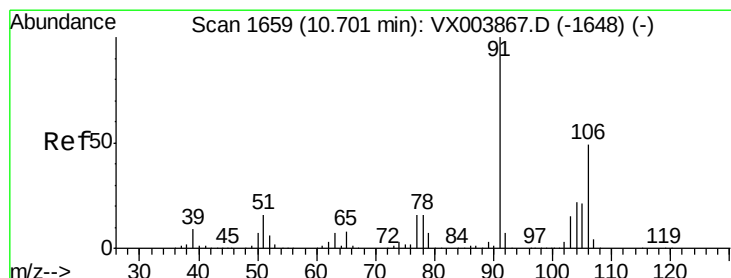
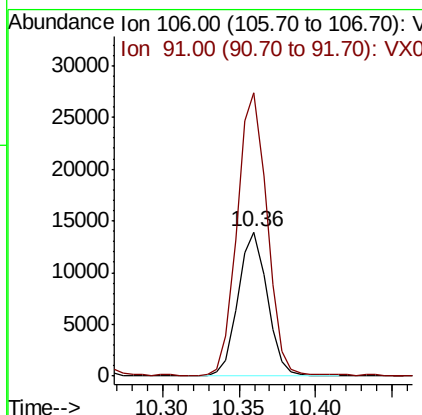
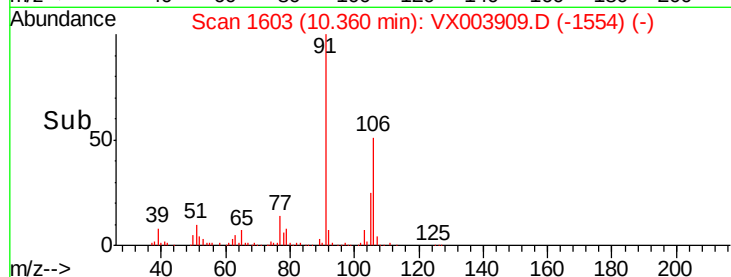
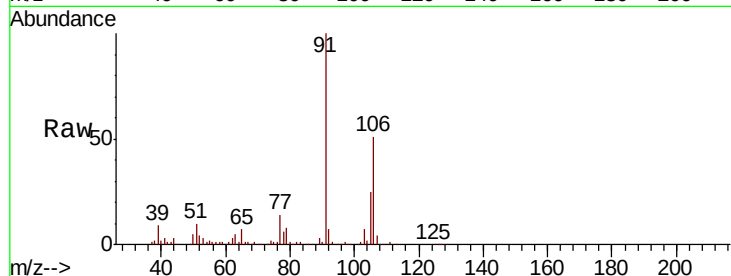




#68
m/p-Xylenes
Concen: 2.58 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003909.D
Acq: 08 Aug 2018 05:24

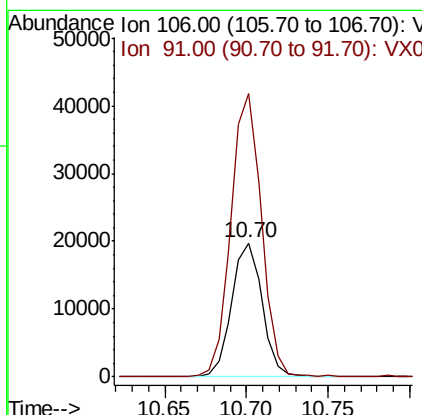
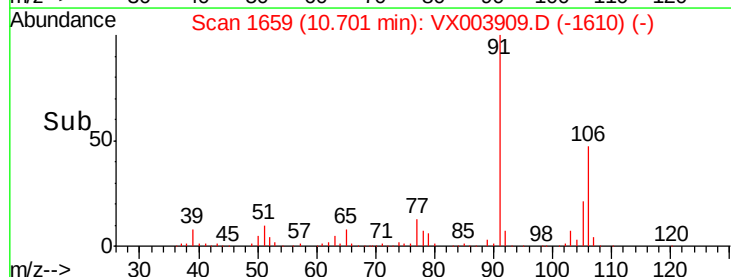
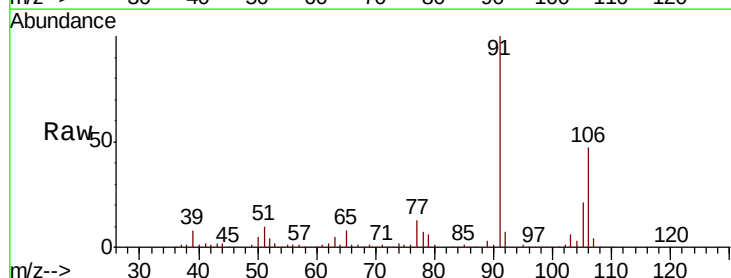
Instrument :
MSVOA_X
ClientSampleId :
OILY-WATER

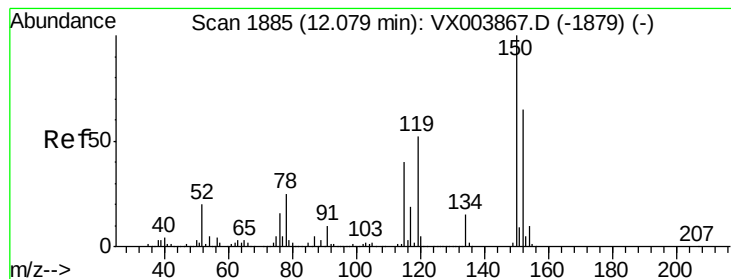
Tot Ion:106 Resp: 18533
Ion Ratio Lower Upper
106 100
91 200.4 162.3 243.5



#69
o-Xylene
Concen: 3.77 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003909.D
Acq: 08 Aug 2018 05:24

Tgt Ion:106 Resp: 25574
Ion Ratio Lower Upper
106 100
91 212.0 101.9 305.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003909.D

Acq: 08 Aug 2018 05:24

Instrument :

MSVOA_X

ClientSampled :

OILY-WATER

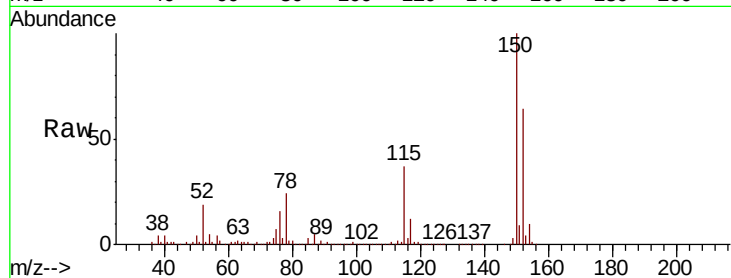
Tot Ion:152 Resp: 251892

Ion Ratio Lower Upper

152 100

115 54.8 39.1 117.3

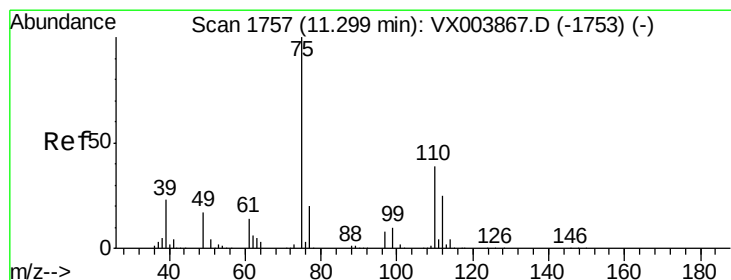
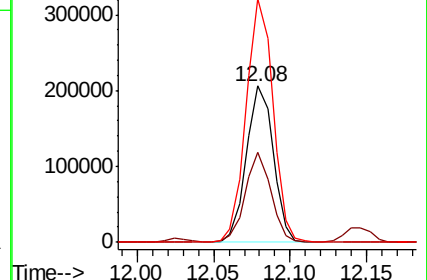
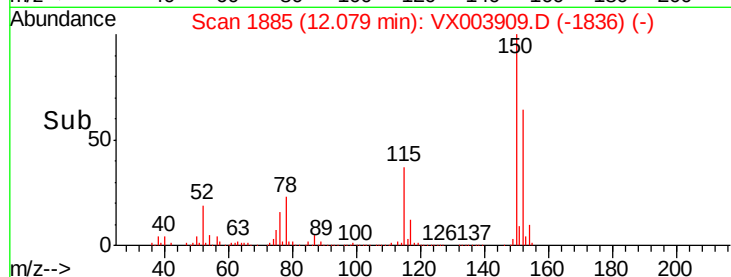
150 155.4 0.0 349.2



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



#76

1,2,3-Trichloropropane

Concen: 20.17 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX003909.D

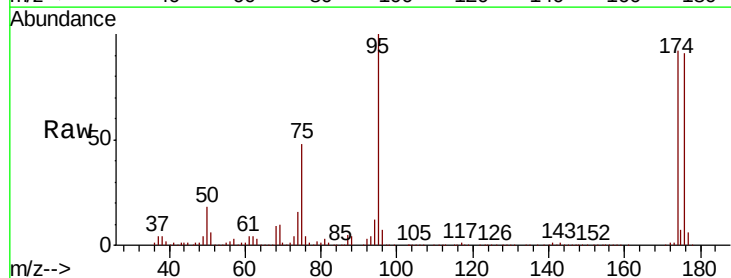
Acq: 08 Aug 2018 05:24

Tgt Ion: 75 Resp: 112244

Ion Ratio Lower Upper

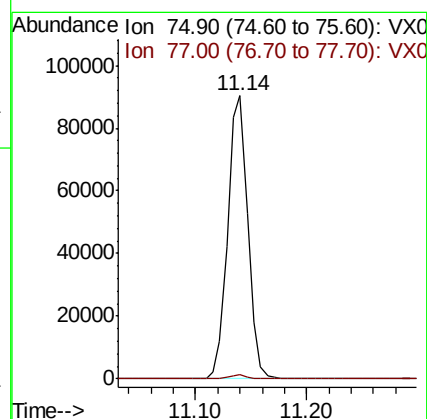
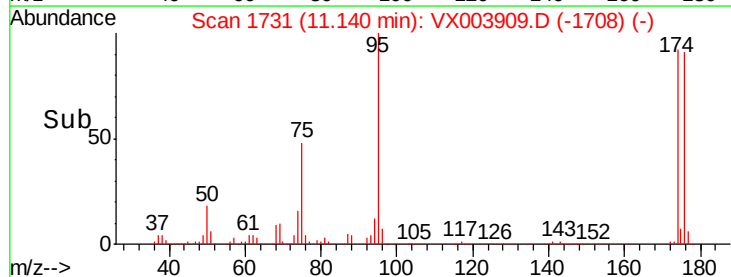
75 100

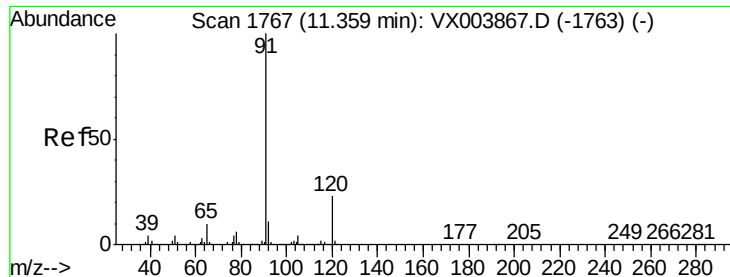
77 1.5 20.8 62.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 0.27 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VX003909.D

Acq: 08 Aug 2018 05:24

Instrument :

MSVOA_X

ClientSampled :

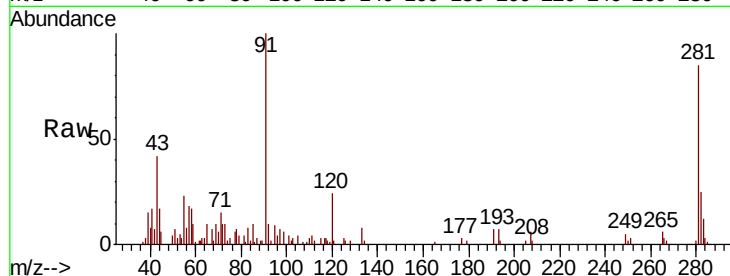
OILY-WATER

Tot Ion: 91 Resp: 5721

Ion Ratio Lower Upper

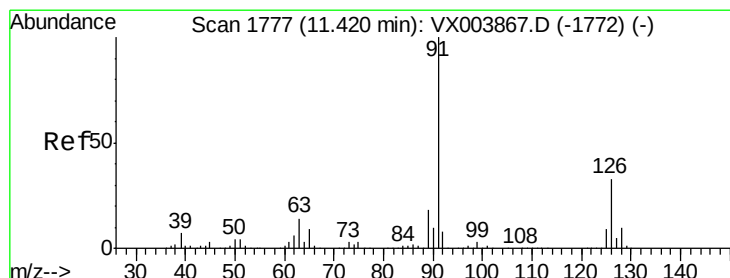
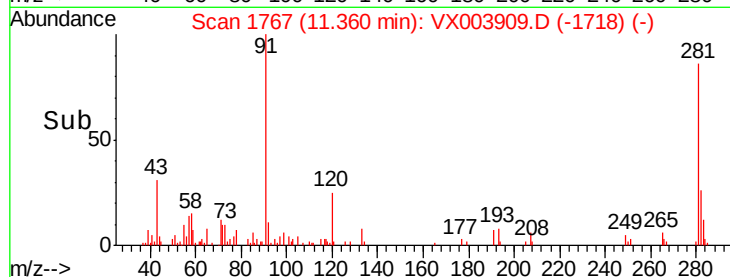
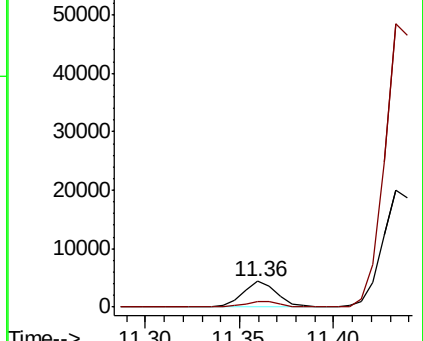
91 100

120 0.0 11.9 35.5#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 2.31 ug/l

RT: 11.43 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VX003909.D

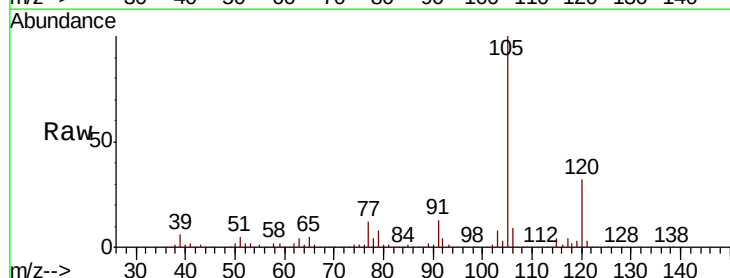
Acq: 08 Aug 2018 05:24

Tgt Ion: 91 Resp: 29489

Ion Ratio Lower Upper

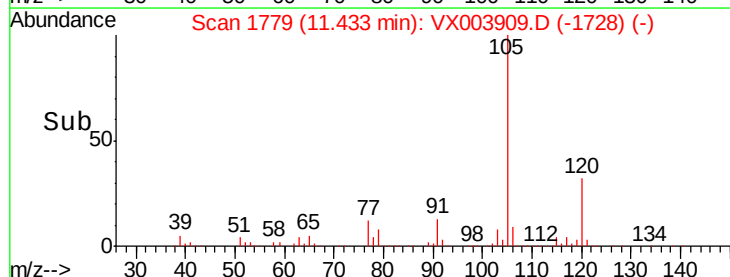
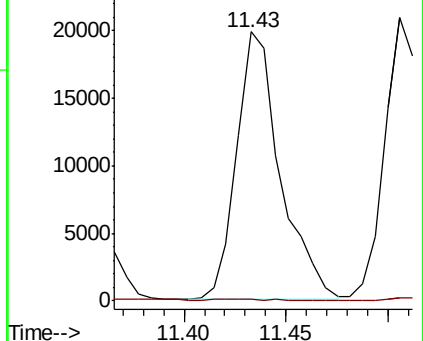
91 100

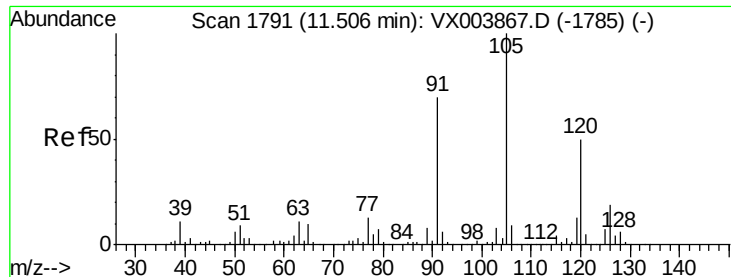
126 0.9 17.4 52.3#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

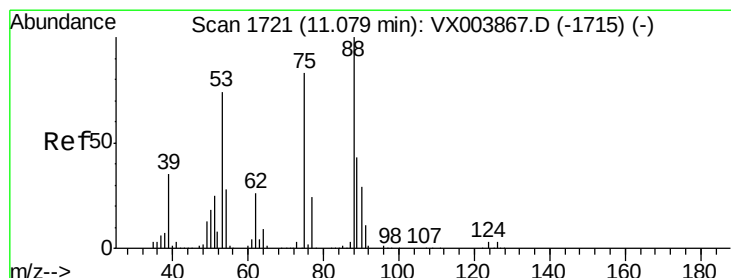
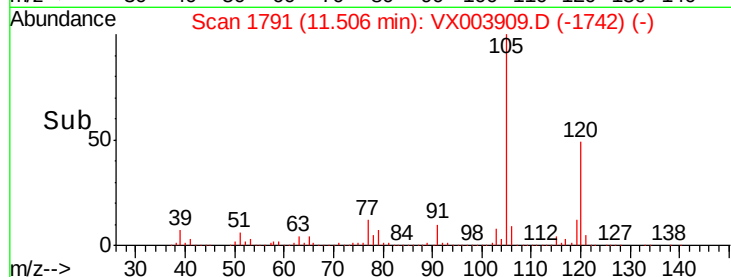
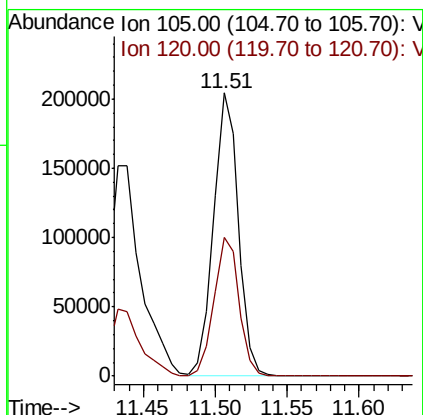
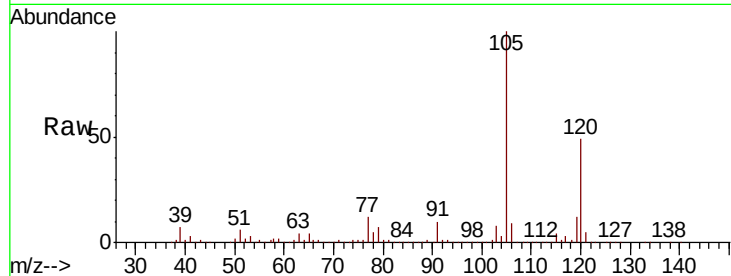




#80
 1,3,5-Trimethylbenzene
 Concen: 16.18 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX003909.D
 Acq: 08 Aug 2018 05:24

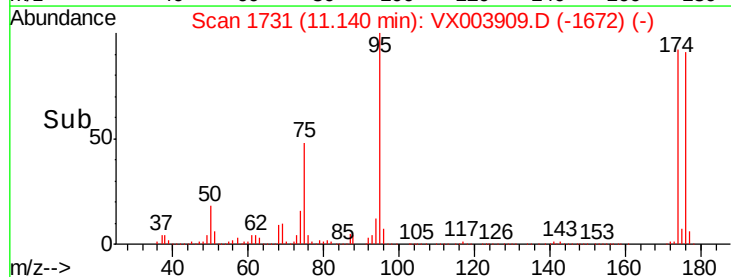
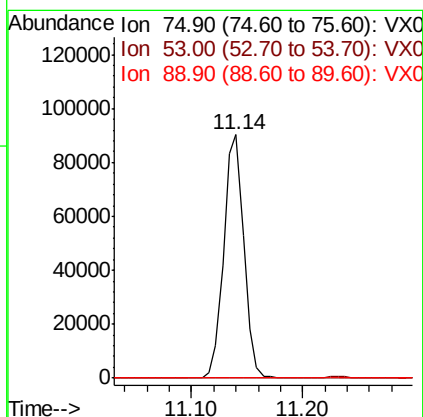
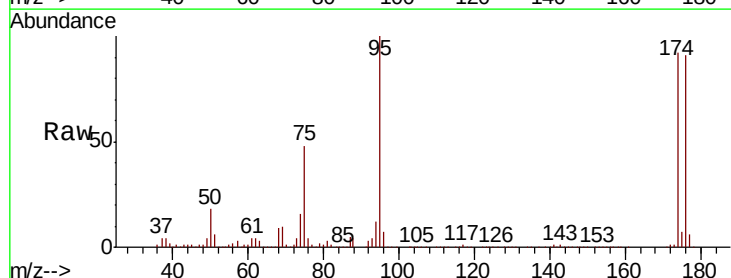
Instrument :
 MSVOA_X
 ClientSampled :
 OILY-WATER

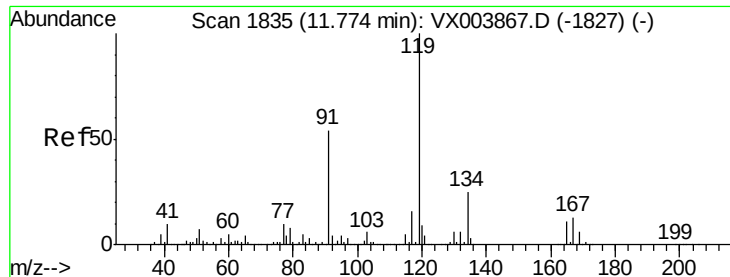
Tot Ion:105 Resp: 245901
 Ion Ratio Lower Upper
 105 100
 120 49.7 25.4 76.2



#81
 trans-1,4-Dichloro-2-butene
 Concen: 54.66 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX003909.D
 Acq: 08 Aug 2018 05:24

Tgt Ion: 75 Resp: 112244
 Ion Ratio Lower Upper
 75 100
 53 0.0 80.3 120.5#
 89 0.0 37.8 56.8#





#83

tert-Butylbenzene

Concen: 0.24 ug/l

RT: 11.77 min Scan# 1834

Delta R.T. -0.01 min

Lab File: VX003909.D

Acq: 08 Aug 2018 05:24

Instrument :

MSVOA_X

ClientSampled :

OILY-WATER

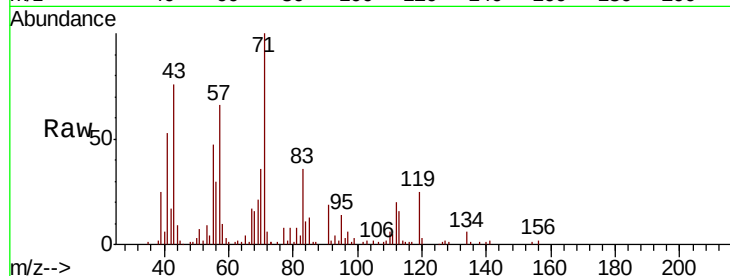
Tot Ion:119 Resp: 3565

Ion Ratio Lower Upper

119 100

91 66.1 26.9 80.7

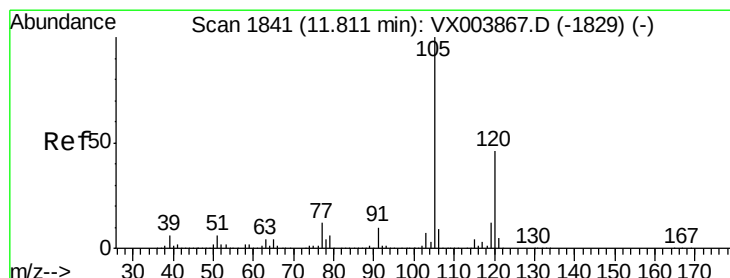
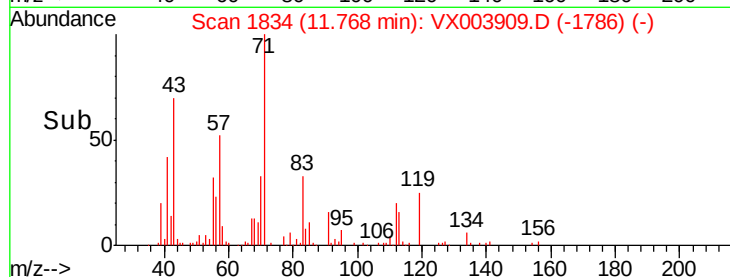
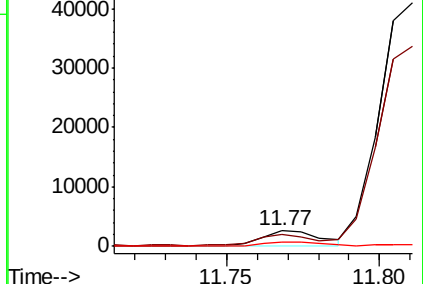
134 25.7 12.0 36.0



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



#84

1,2,4-Trimethylbenzene

Concen: 26.31 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VX003909.D

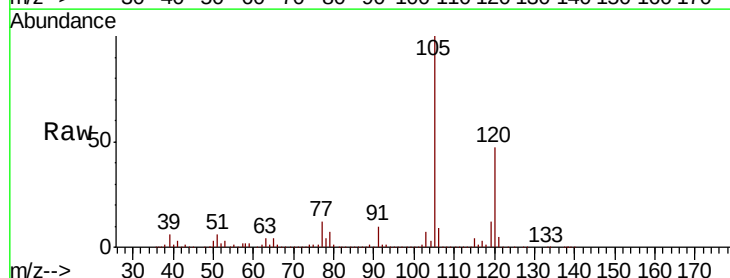
Acq: 08 Aug 2018 05:24

Tgt Ion:105 Resp: 401975

Ion Ratio Lower Upper

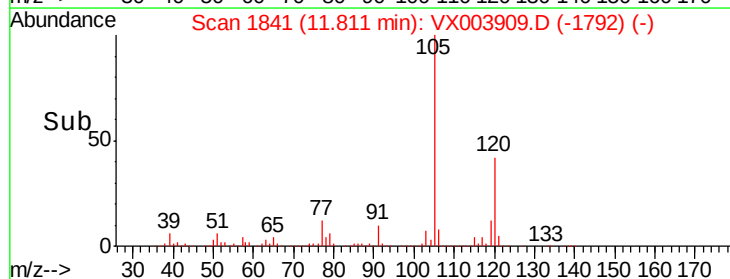
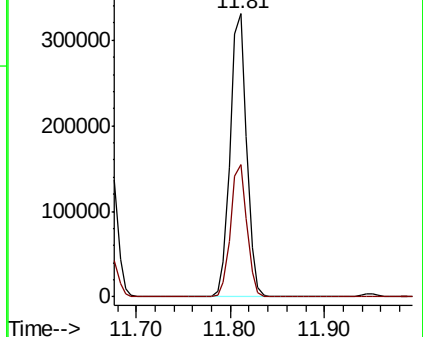
105 100

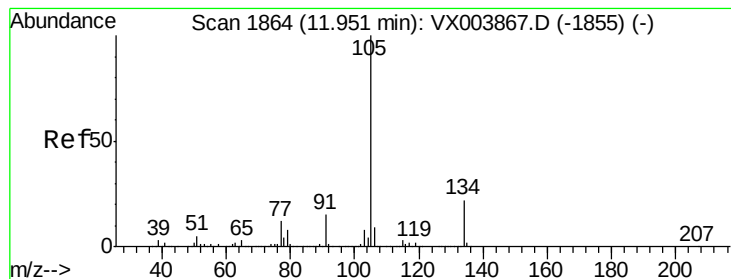
120 46.4 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 22.79 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.14 min

Lab File: VX003909.D

Acq: 08 Aug 2018 05:24

Instrument :

MSVOA_X

ClientSampleId :

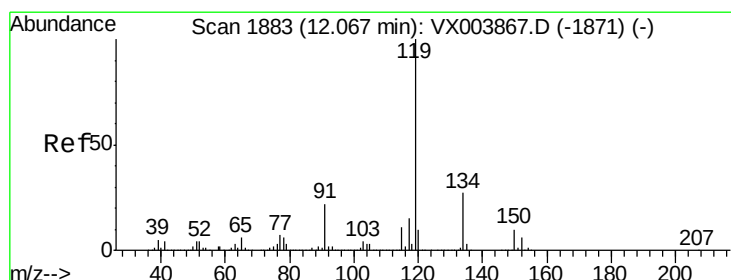
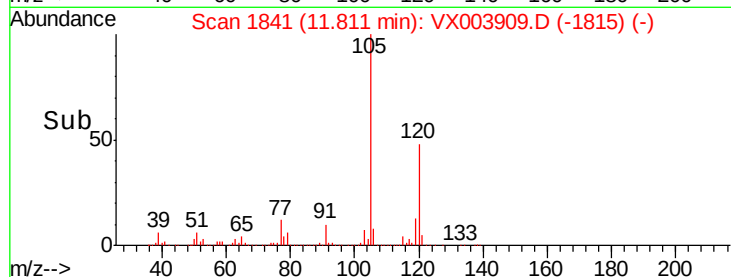
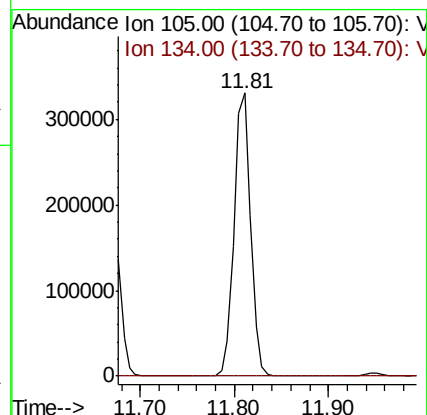
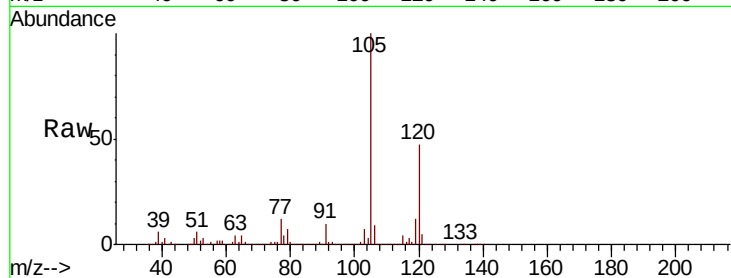
OILY-WATER

Tot Ion:105 Resp: 401970

Ion Ratio Lower Upper

105 100

134 0.0 10.3 30.9#



#86

p-Isopropyltoluene

Concen: 1.50 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003909.D

Acq: 08 Aug 2018 05:24

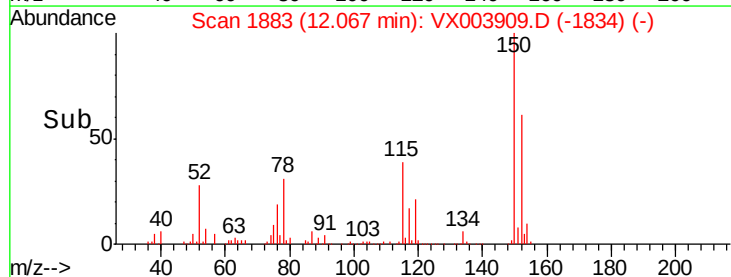
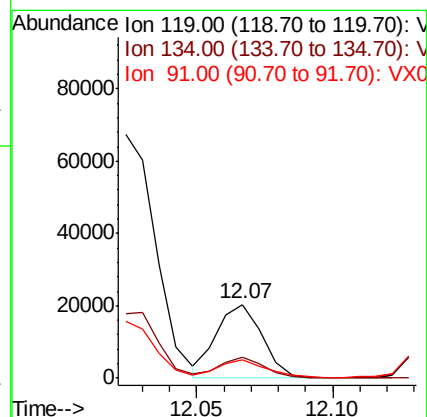
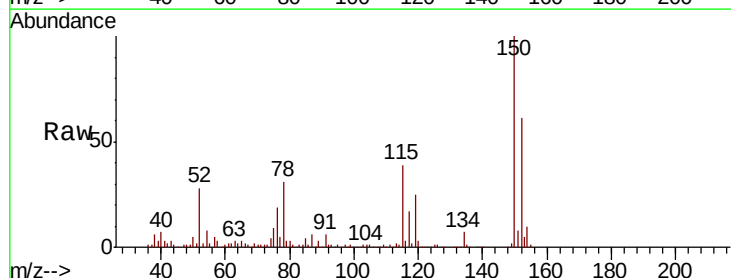
Tgt Ion:119 Resp: 23800

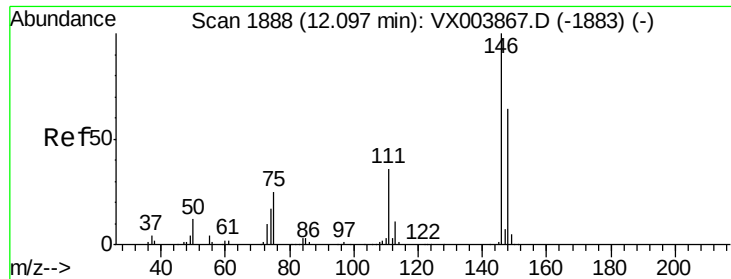
Ion Ratio Lower Upper

119 100

134 27.9 13.3 39.8

91 24.8 10.9 32.7

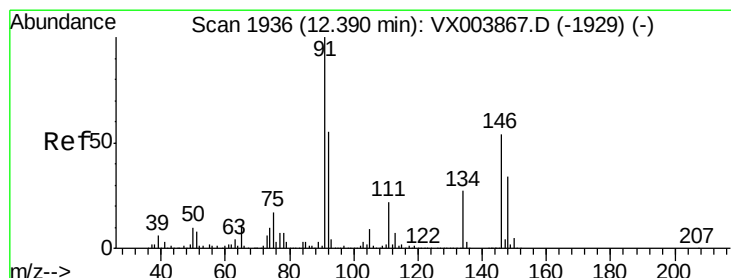
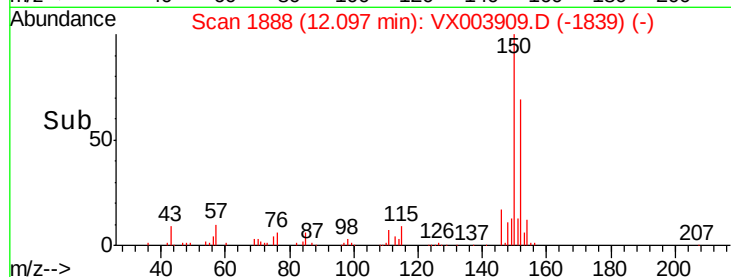
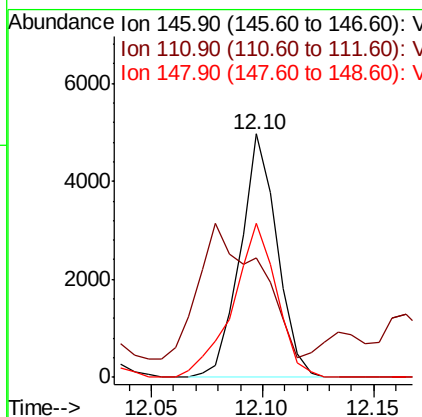
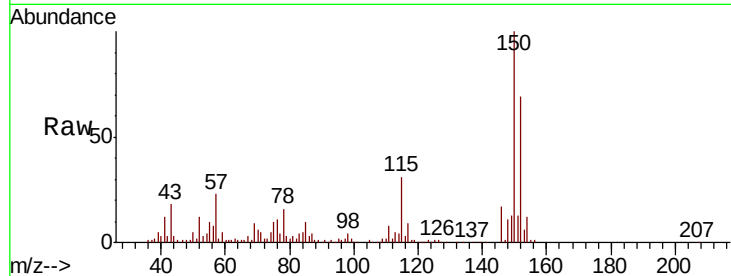




#88
 1,4-Dichlorobenzene
 Concen: 0.39 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. 0.00 min
 Lab File: VX003909.D
 Acq: 08 Aug 2018 05:24

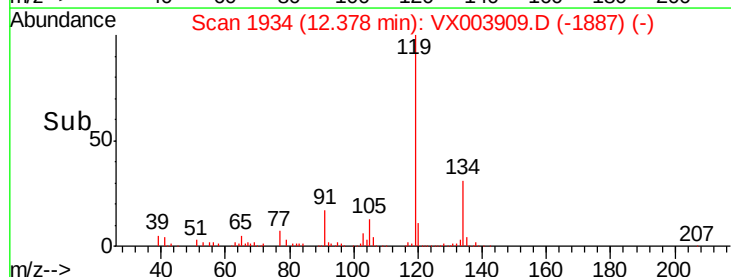
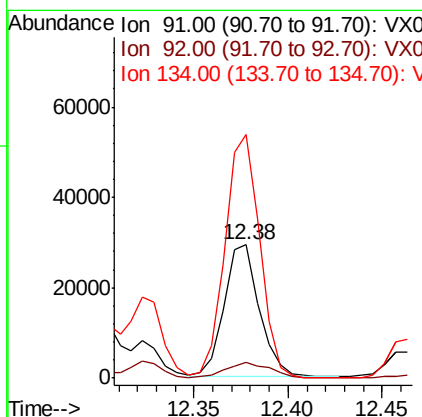
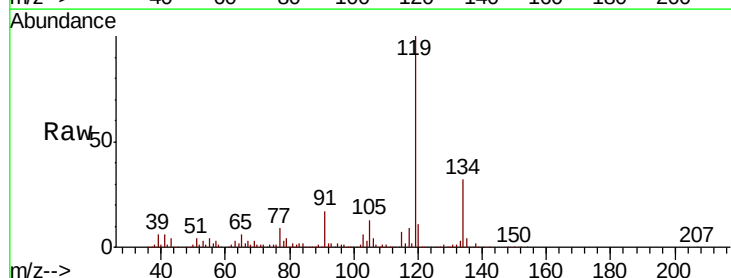
Instrument :
 MSVOA_X
 ClientSampleId :
 OILY-WATER

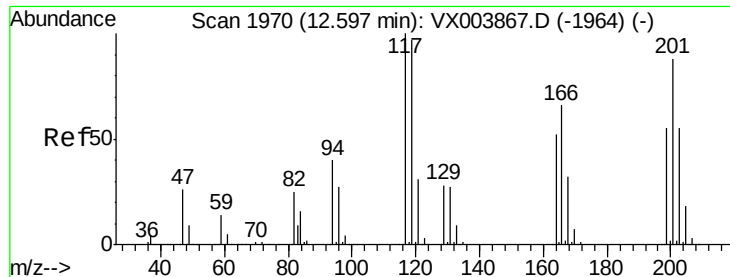
Tot Ion	Ratio	Lower	Upper
146	100		
111	91.2	18.4	55.0#
148	75.7	32.3	96.8



#89
 n-Butylbenzene
 Concen: 2.74 ug/l
 RT: 12.38 min Scan# 1934
 Delta R.T. -0.01 min
 Lab File: VX003909.D
 Acq: 08 Aug 2018 05:24

Tgt Ion	Ratio	Lower	Upper
91	100		
92	15.2	27.1	81.3#
134	181.6	13.6	40.7#





#90

Hexachloroethane

Concen: 7.16 ug/l

RT: 12.59 min Scan# 1969

Delta R.T. -0.01 min

Lab File: VX003909.D

Acq: 08 Aug 2018 05:24

Instrument :

MSVOA_X

ClientSampleId :

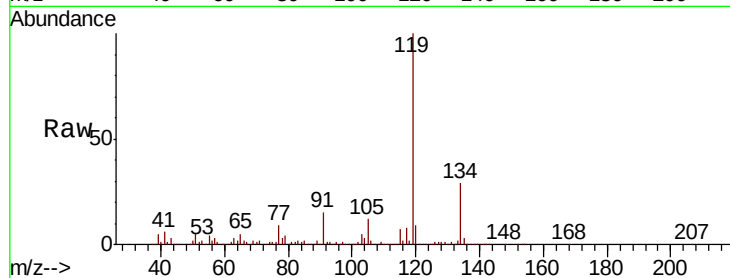
OILY-WATER

Tot Ion:117 Resp: 18399

Ion Ratio Lower Upper

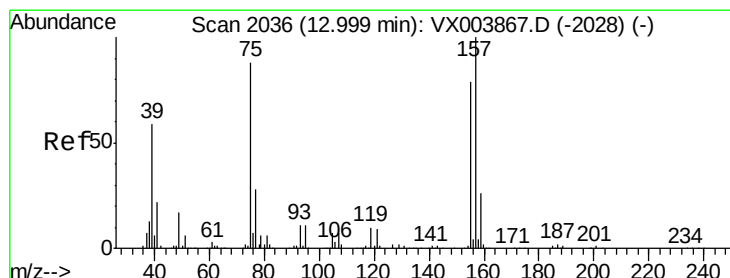
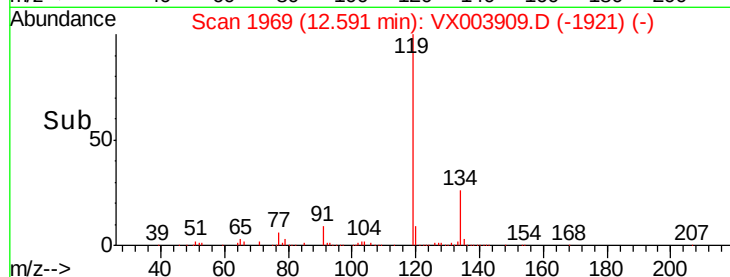
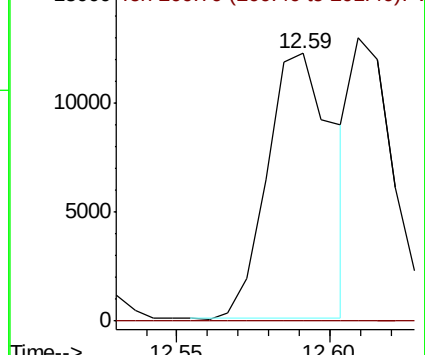
117 100

201 0.0 46.1 138.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.21 ug/l

RT: 12.98 min Scan# 2032

Delta R.T. -0.02 min

Lab File: VX003909.D

Acq: 08 Aug 2018 05:24

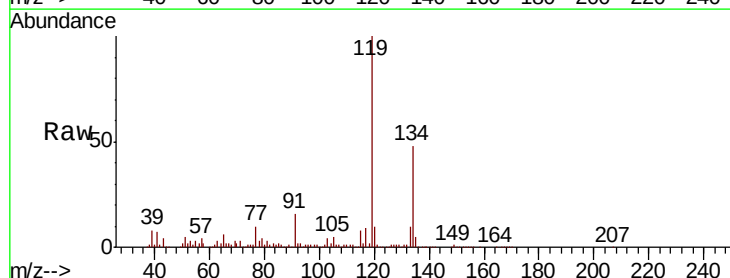
Tgt Ion: 75 Resp: 1579

Ion Ratio Lower Upper

75 100

155 0.0 48.7 146.1#

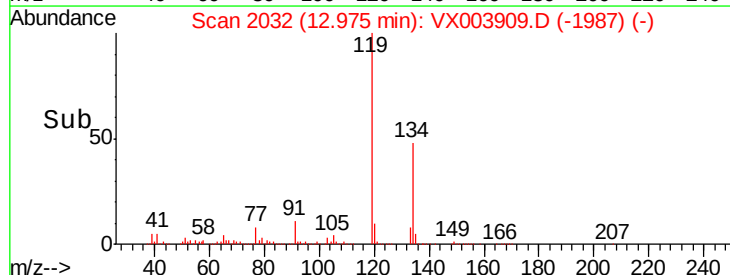
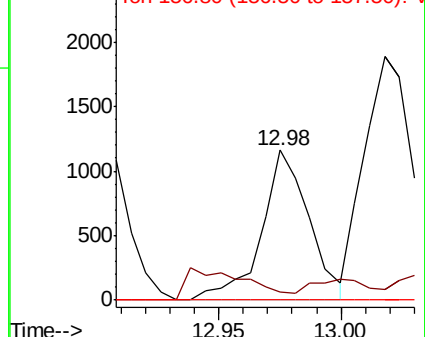
157 0.0 62.6 187.8#

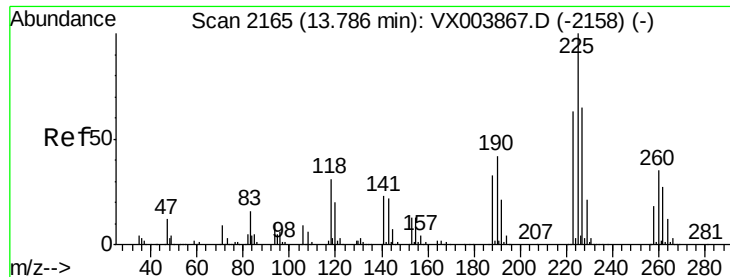


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#94

Hexachlorobutadiene

Concen: 0.56 ug/l

RT: 13.78 min Scan# 2164

Delta R.T. -0.01 min

Lab File: VX003909.D

Acq: 08 Aug 2018 05:24

Instrument :

MSVOA_X

ClientSampleId :

OILY-WATER

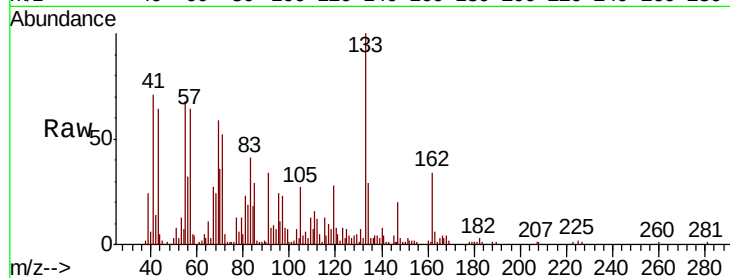
Tot Ion:225 Resp: 384

Ion Ratio Lower Upper

225 100

223 59.1 31.4 94.0

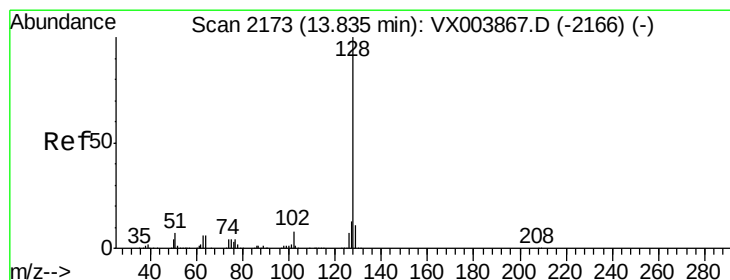
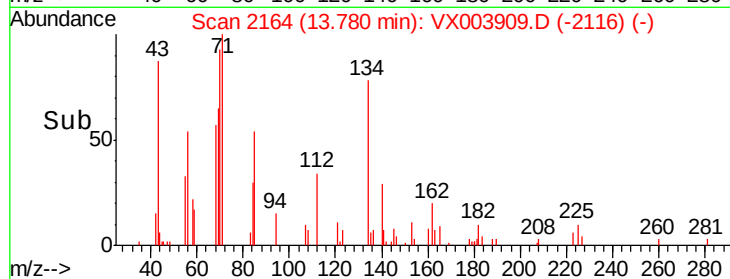
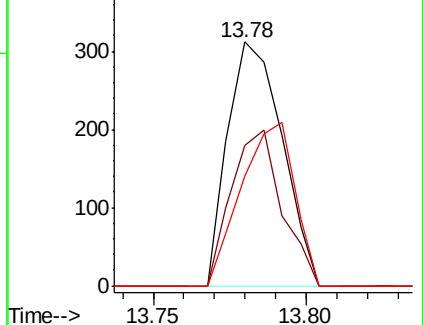
227 66.1 32.1 96.5



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 1.98 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. 0.00 min

Lab File: VX003909.D

Acq: 08 Aug 2018 05:24

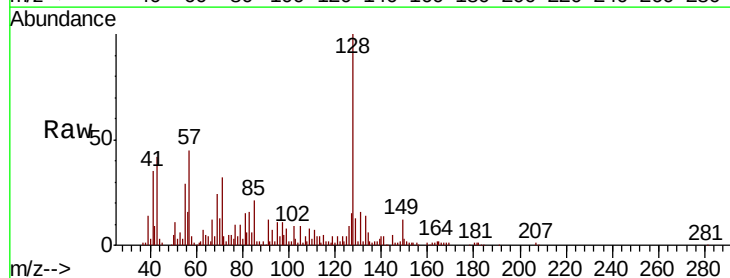
Tgt Ion:128 Resp: 37137

Ion Ratio Lower Upper

128 100

127 16.6 10.2 15.2#

129 15.3 8.8 13.2#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

