

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX080718\
 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

Manual Integrations
 APPROVED

MMDadoda
 8/8/2018 12:06:21 PM

Quant Time: Aug 08 13:33:00 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
11) Tert butyl alcohol	3.07	59	2837469	3153.21	ug/l	100
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	2.78	43	3335m	0.69	ug/l	
25) 2-Butanone	4.71	43	61650	18.41	ug/l	99
29) Tetrahydrofuran	5.19	42	1750m	1.02	ug/l	
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
59) 2-Hexanone	9.50	43	5909	1.16	ug/l	87
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
80) 1,3,5-Trimethylbenzene	11.51	105	245901	16.18	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	401975	26.31	ug/l	99

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

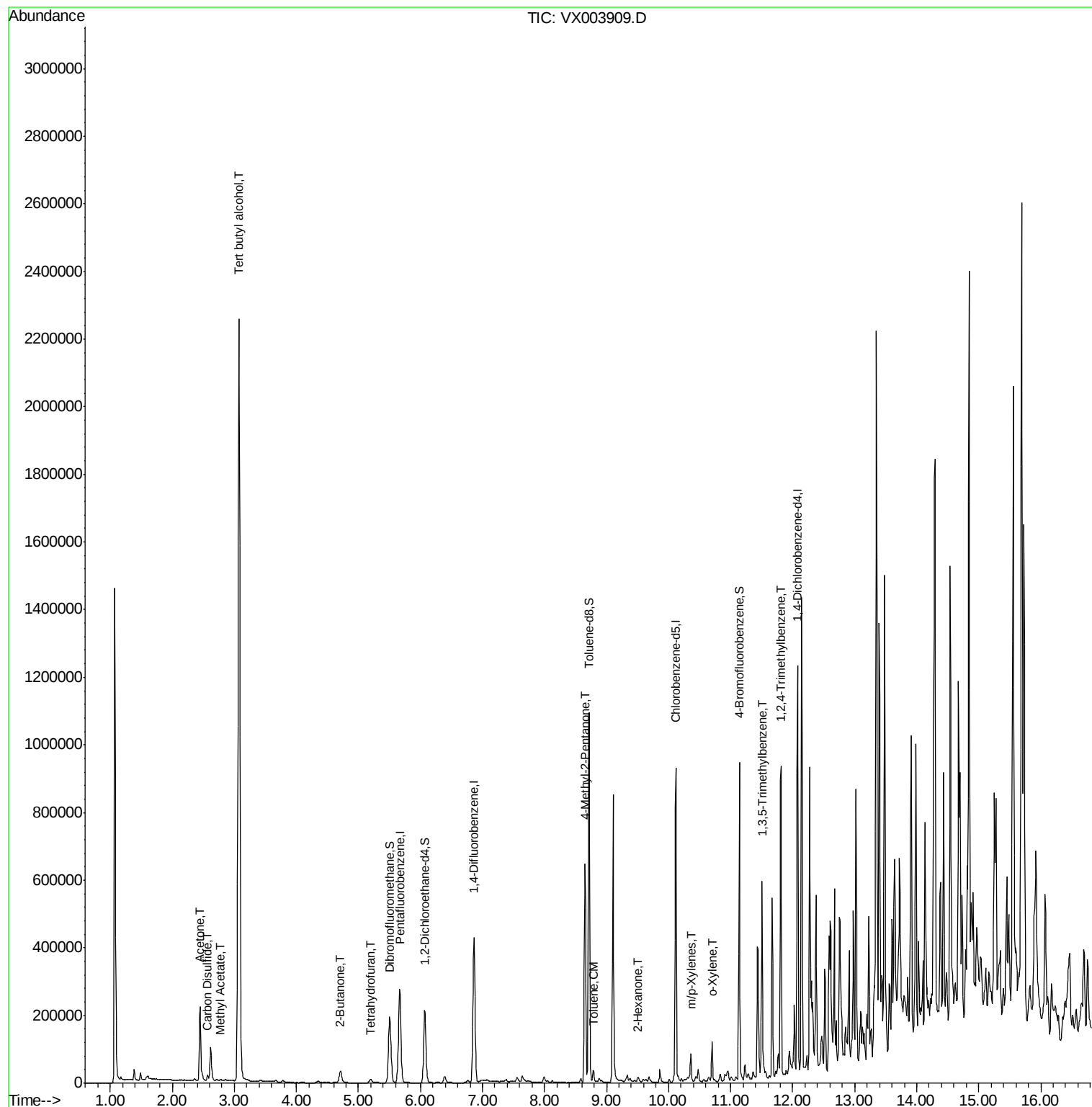
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX080718\
Data File : VX003909.D
Acq On : 08 Aug 2018 05:24
Operator : JC/MD
Sample : J4374-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 43 Sample Multiplier: 1

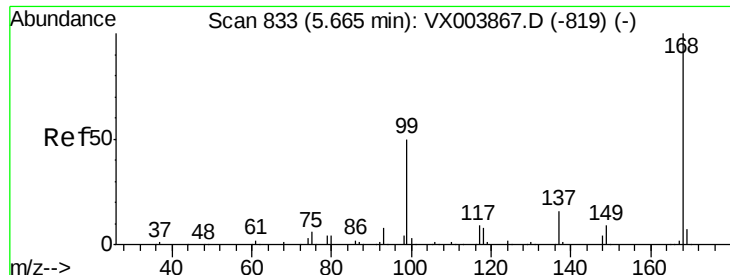
Instrument :
MSVOA_X
ClientSampleId :
OILY-WATER

Manual Integrations
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Quant Time: Aug 08 13:33:00 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 07 07:45:48 2018
Response via : Initial Calibration





#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

ClientSampled :

OILY-WATER

Tot Ion:168 Resp: 282501

Ion Ratio Lower Upper

168 100

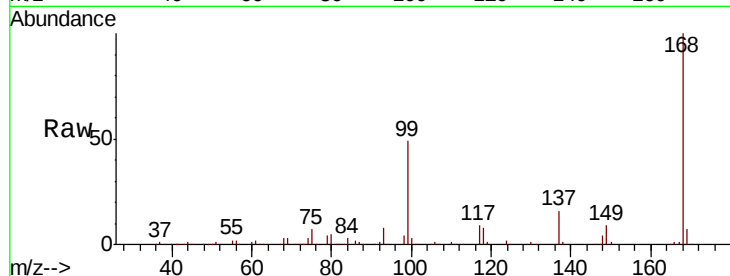
99 48.6 40.1 60.1

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

60000

40000

20000

0

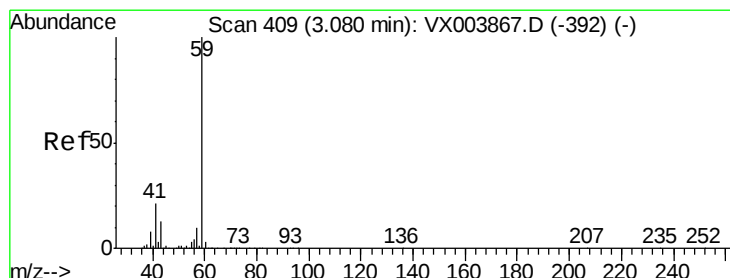
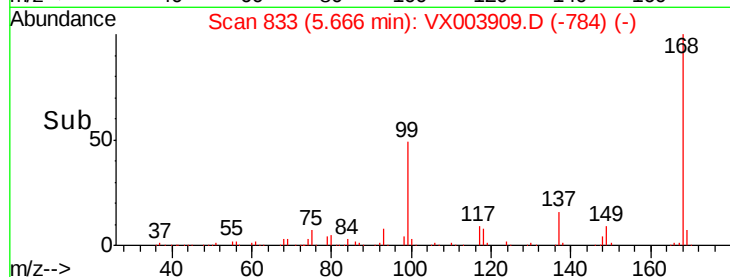
Time-->

5.50

5.60

5.70

5.80



#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

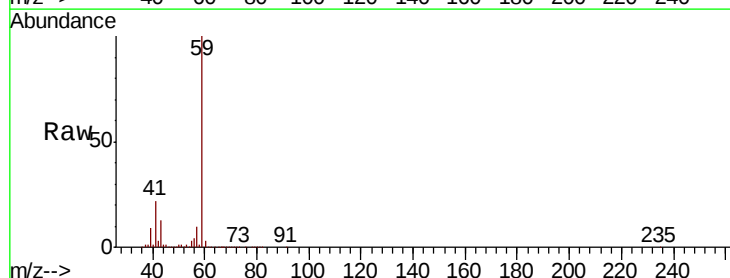
Acq: 08 Aug 2018 05:24

Tgt Ion: 59 Resp: 2837469

Ion Ratio Lower Upper

59 100

57 10.1 8.1 12.1



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

1500000

1000000

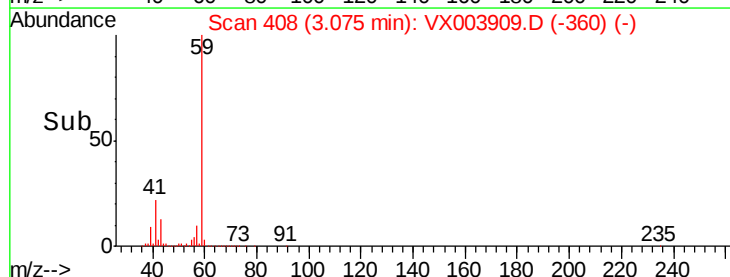
500000

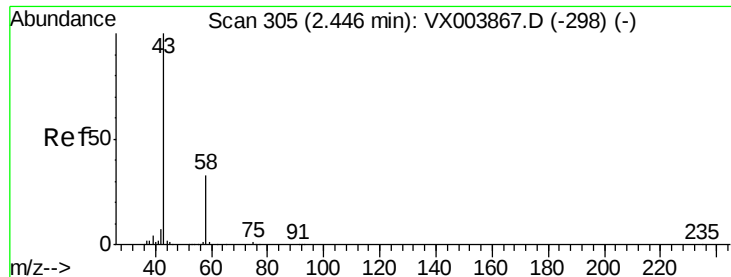
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Time-->

3.00

3.20





#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

Tot Ion: 43 Resp: 227163

Ion Ratio Lower Upper

43 100

58 32.5 26.4 39.6

Instrument :

MSVOA_X

ClientSampleId :

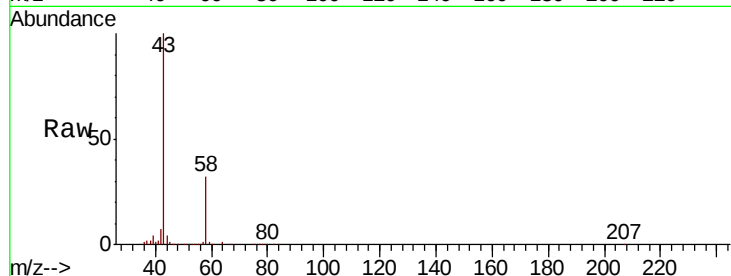
OILY-WATER

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

150000

100000

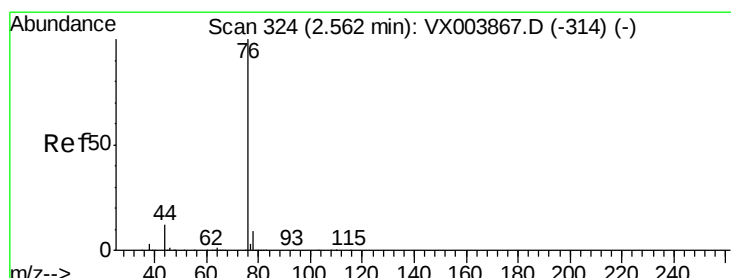
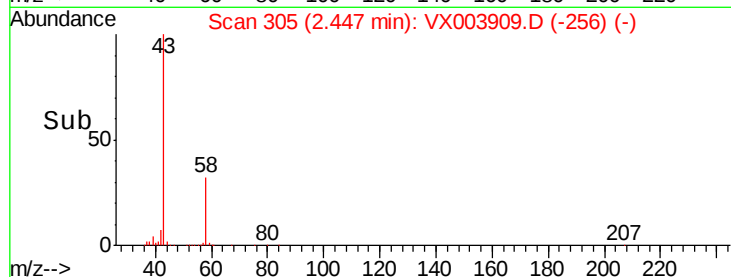
50000

0

2.45

2.40 2.50 2.60

Time-->



#17

Carbon Disulfide

Concen: 2.65 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.01 min

Lab File: VX003909.D

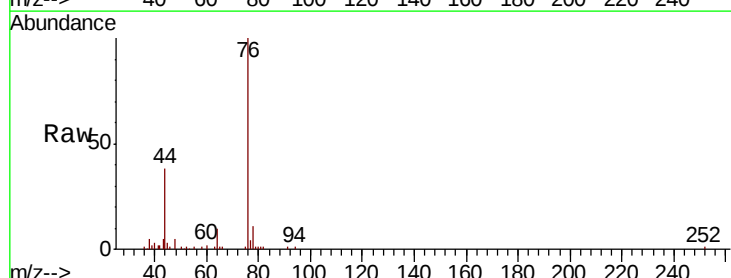
Acq: 08 Aug 2018 05:24

Tgt 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

10000

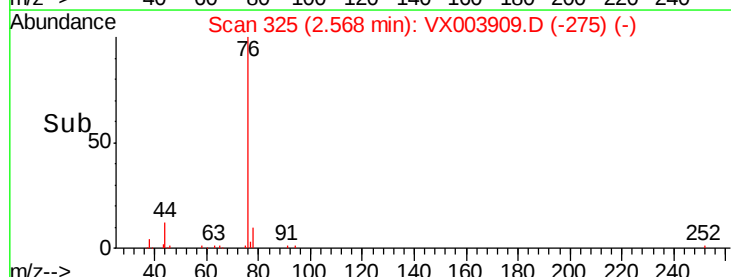
5000

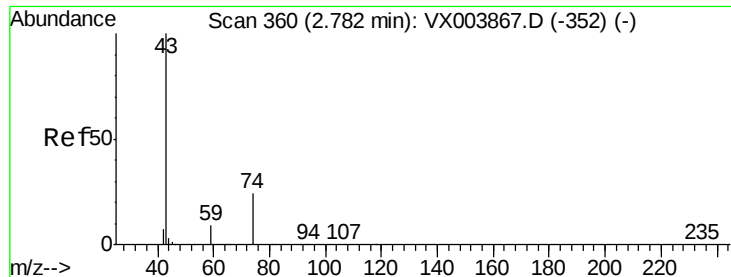
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2.57

2.50 2.55 2.60 2.65

Time-->





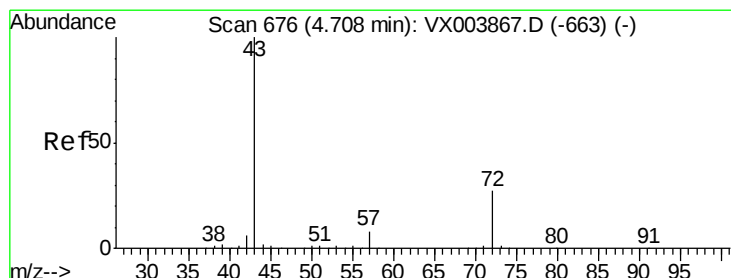
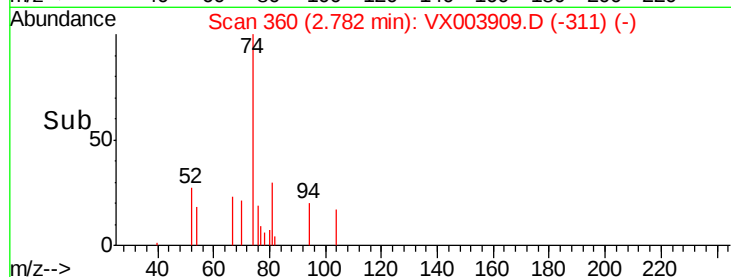
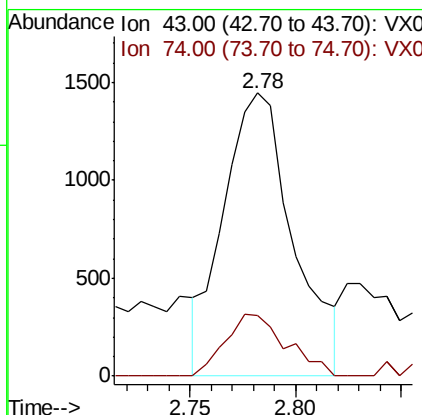
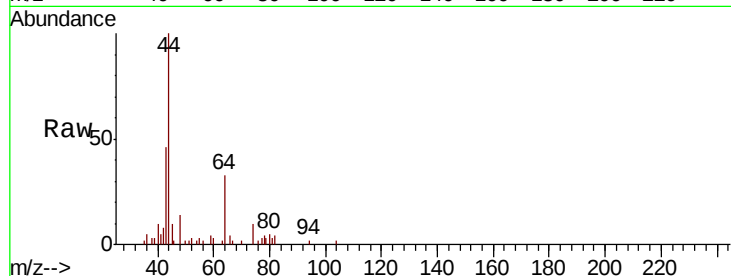
#18
Methvl Acetate
Concen: 0.69 ug/l m
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003909.D
Acq: 08 Aug 2018 05:24

Instrument :
MSVOA_X
ClientSampleId :
OILY-WATER

Tot Ion: 43 Resp: 3335
Ion Ratio Lower Upper
43 100
74 0.0 18.9 28.3#

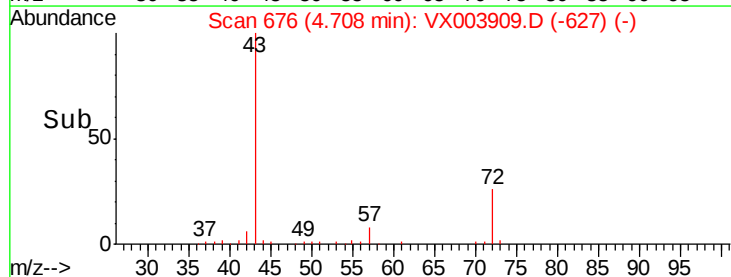
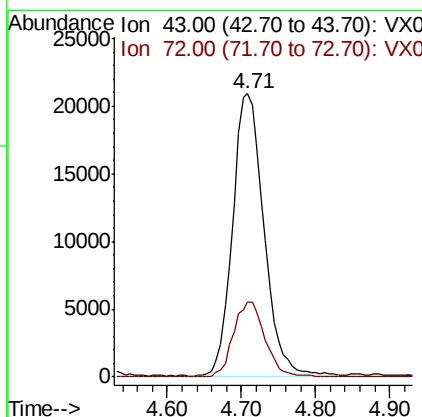
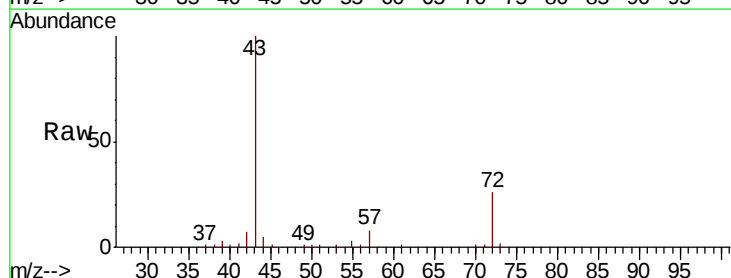
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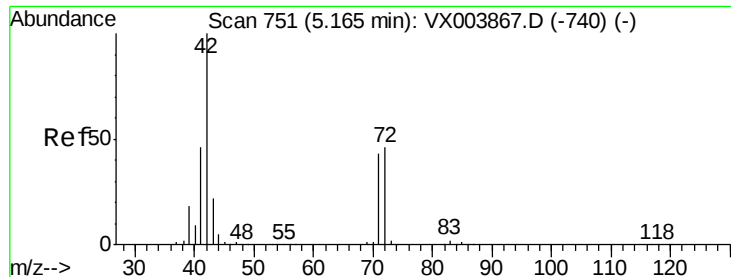
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#25
2-Butanone
Concen: 18.41 ug/l
RT: 4.71 min Scan# 676
Delta R.T. 0.00 min
Lab File: VX003909.D
Acq: 08 Aug 2018 05:24

Tgt Ion: 43 Resp: 61650
Ion Ratio Lower Upper
43 100
72 26.3 21.4 32.0





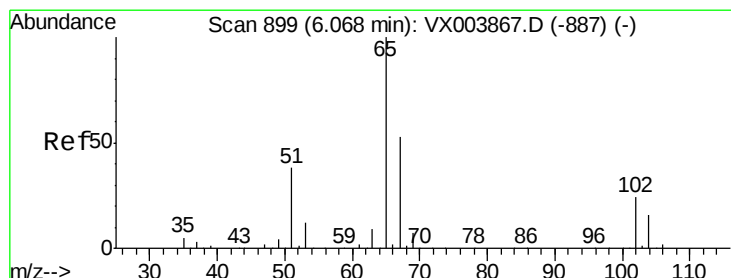
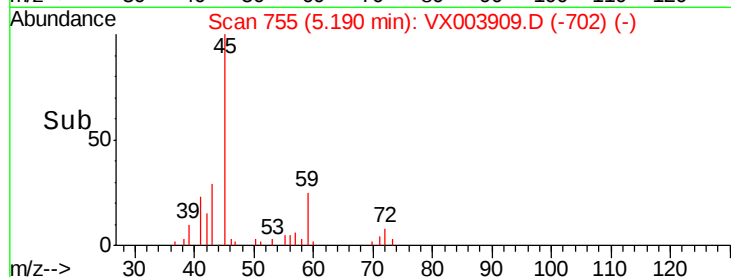
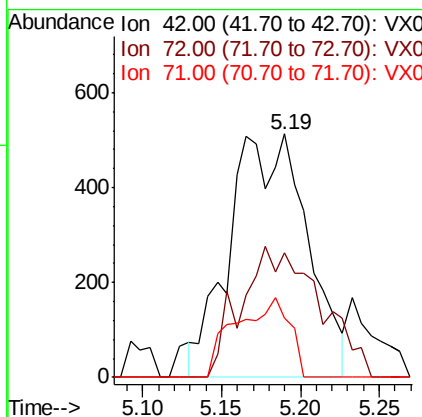
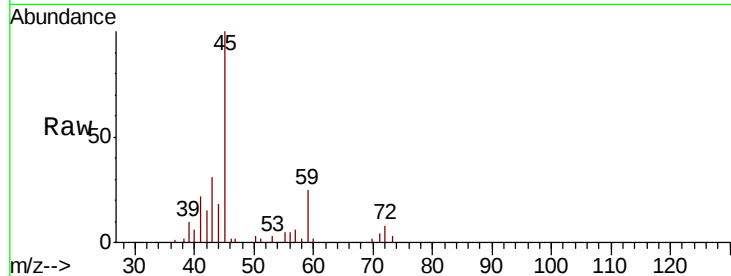
#29
Tetrahydrofuran
Concen: 1.02 ug/l m
RT: 5.19 min Scan# 755
Delta R.T. 0.02 min
Lab File: VX003909.D
Acq: 08 Aug 2018 05:24

Instrument :
MSVOA_X
ClientSampleId :
OILY-WATER

Tot Ion	Ratio	Lower	Upper
42	100		
72	54.9	37.7	56.5
71	22.9	35.0	52.6#

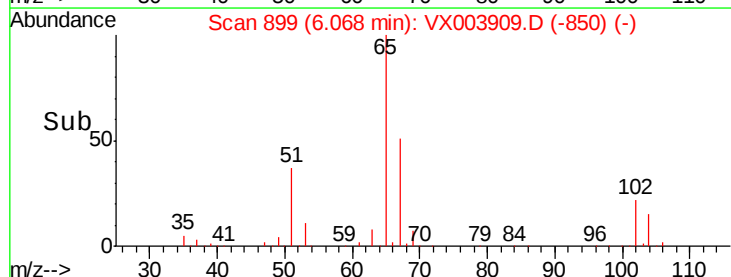
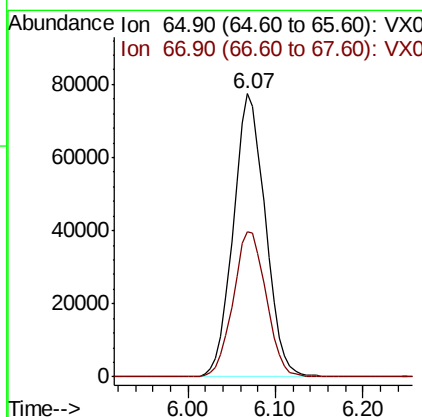
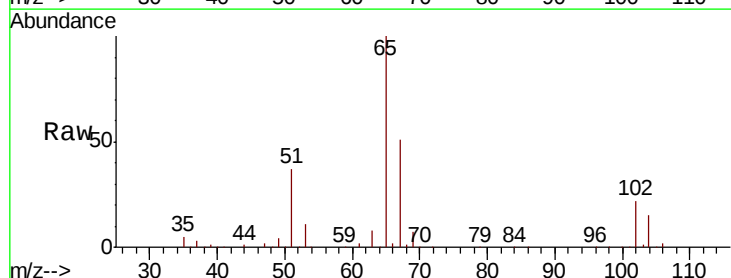
Manual Integrations
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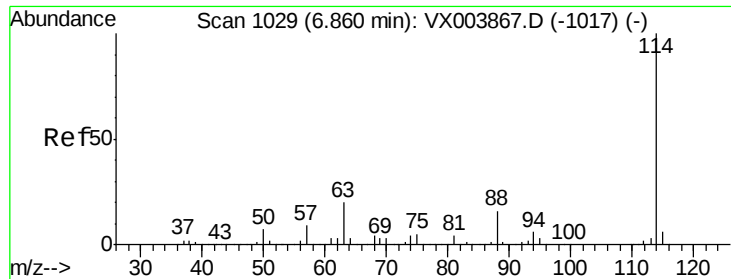
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#33
1,2-Dichloroethane-d4
Concen: 52.64 ug/l
RT: 6.07 min Scan# 899
Delta R.T. 0.00 min
Lab File: VX003909.D
Acq: 08 Aug 2018 05:24

Tgt Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	105.8





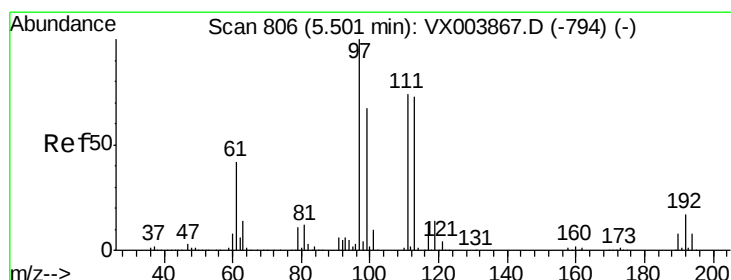
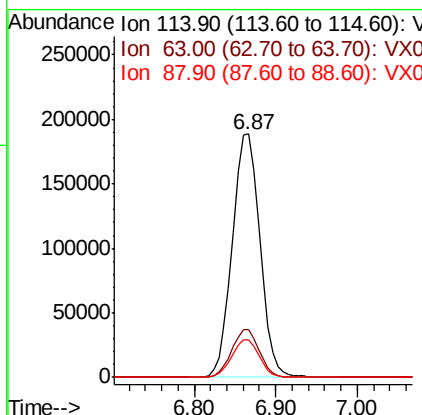
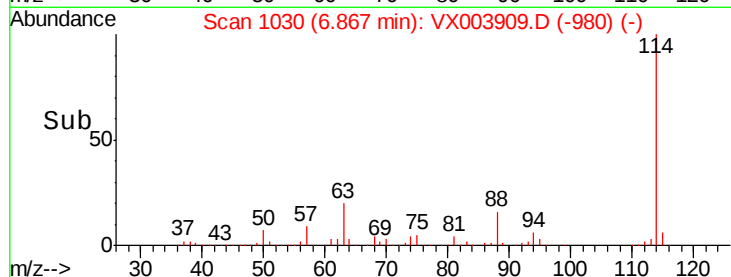
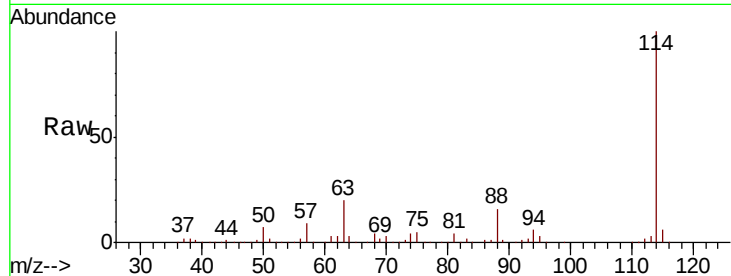
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.01 min
 Lab File: VX003909.D
 Acq: 08 Aug 2018 05:24

Instrument :
 MSVOA_X
 ClientSampleId :
 OILY-WATER

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

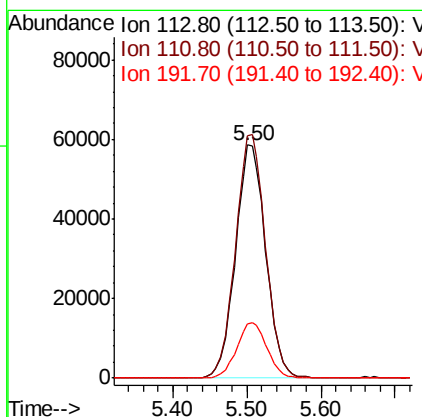
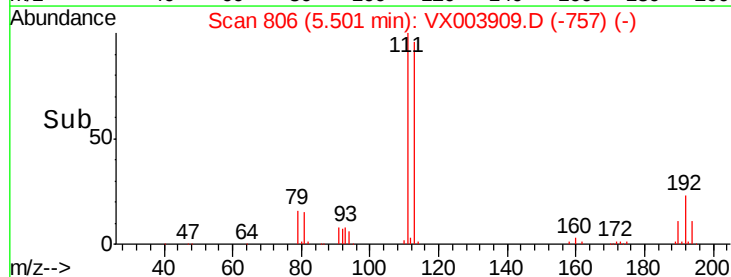
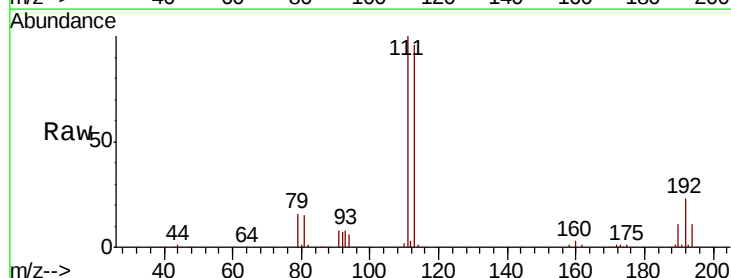
Manual Integrations
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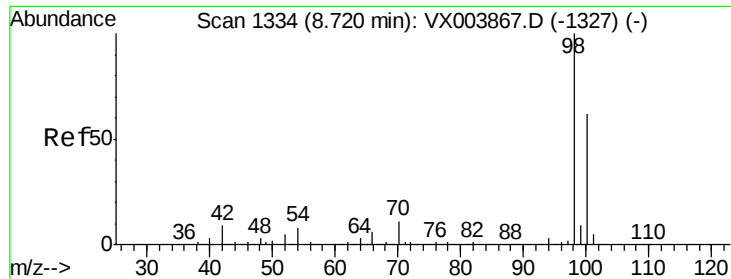
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 8/8/2018 12:06:21 PM



#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

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





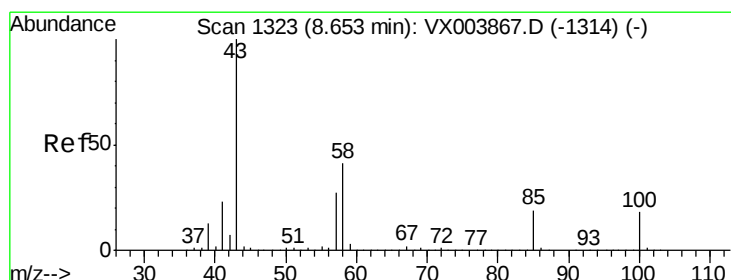
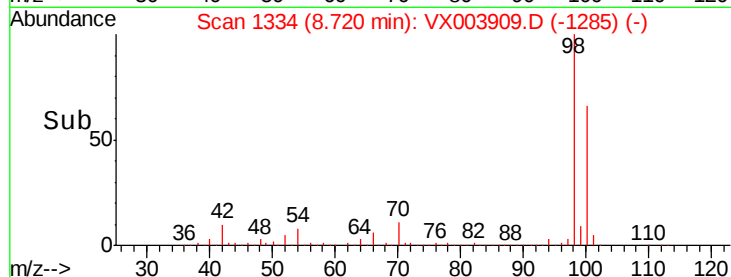
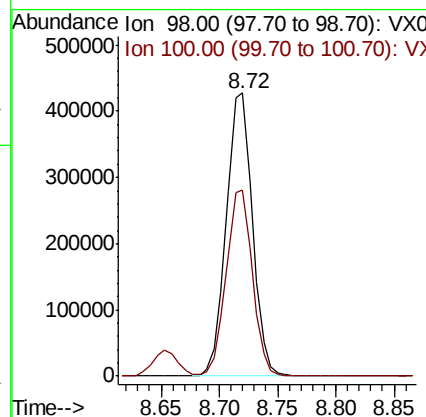
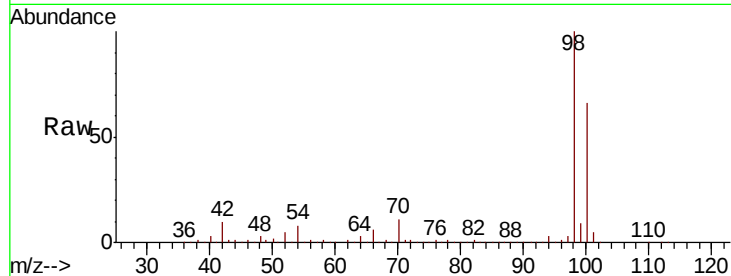
#50
Toluene-d8
Concen: 50.97 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003909.D
Acq: 08 Aug 2018 05:24

Instrument :
MSVOA_X
ClientSampleId :
OILY-WATER

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

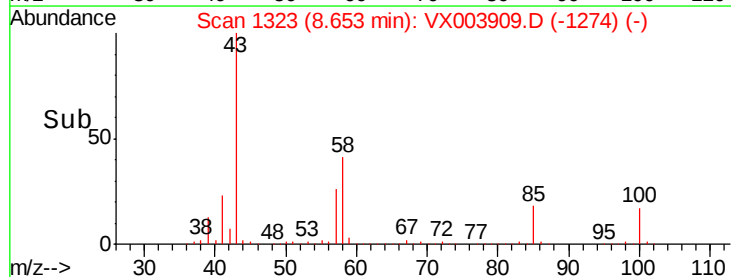
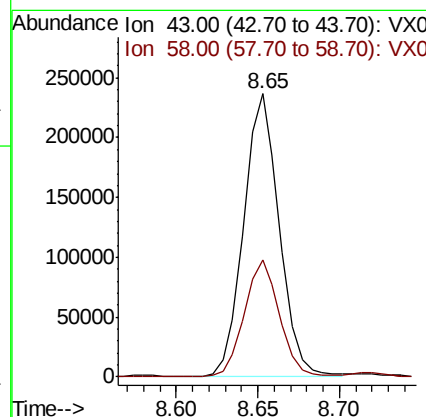
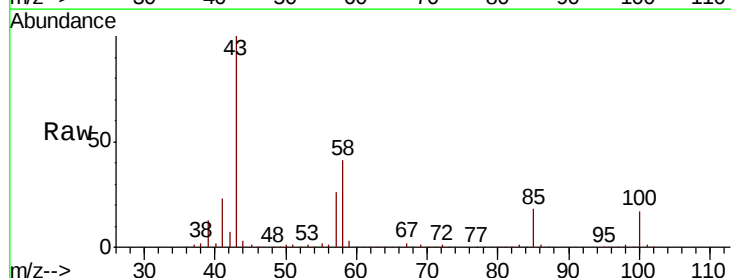
Manual Integrations
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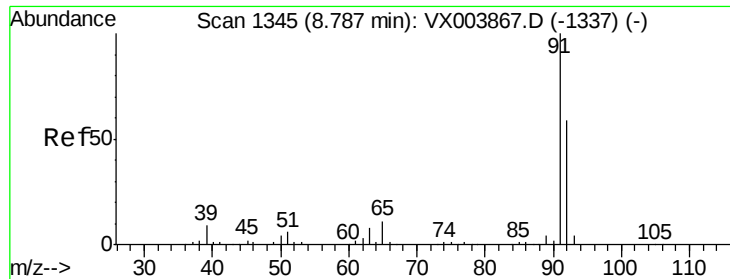
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#51
4-Methyl-2-Pentanone
Concen: 52.78 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. 0.00 min
Lab File: VX003909.D
Acq: 08 Aug 2018 05:24

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

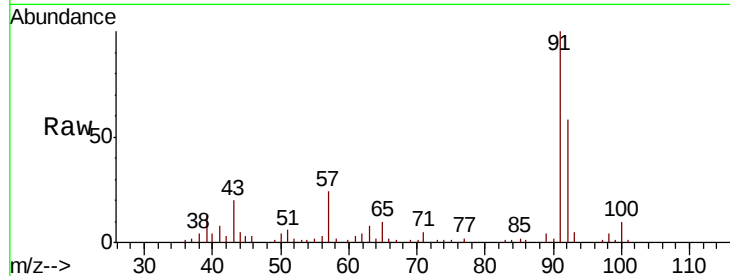
91 169.6 136.1 204.1

Manual Integrations

APPROVED

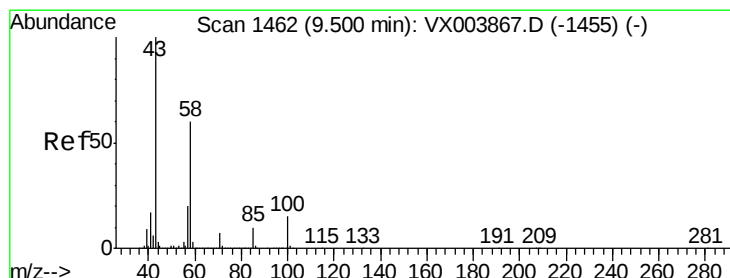
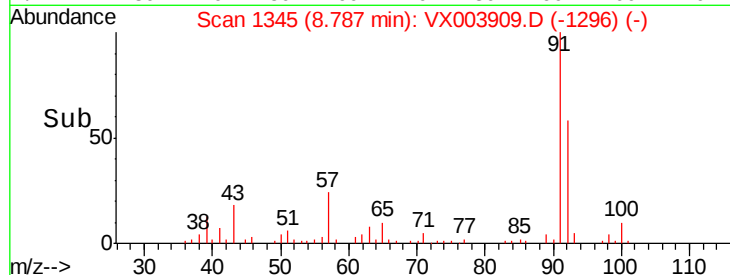
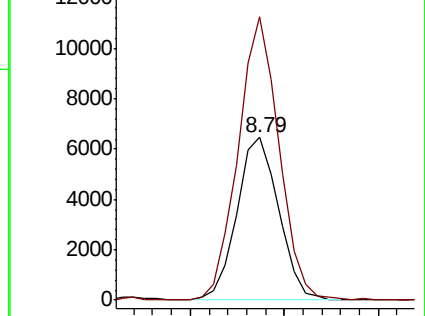
MMDadoda

8/8/2018 12:06:21 PM



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): 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

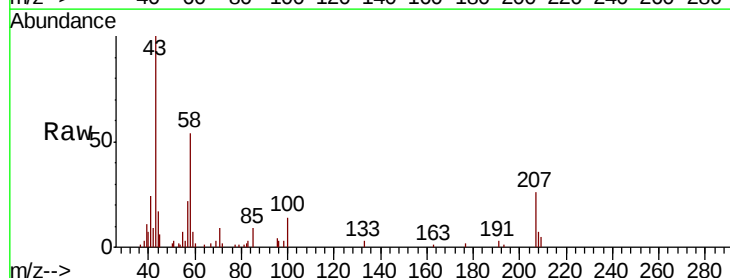
Acq: 08 Aug 2018 05:24

Tgt Ion: 43 Resp: 5909

Ion Ratio Lower Upper

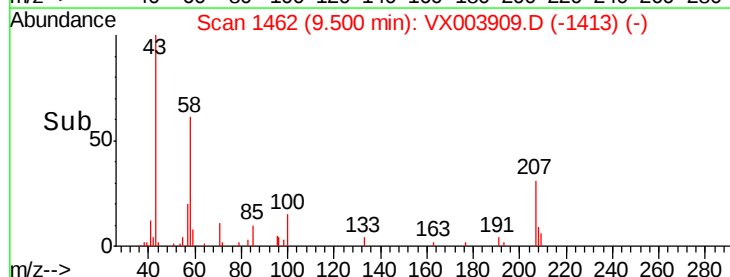
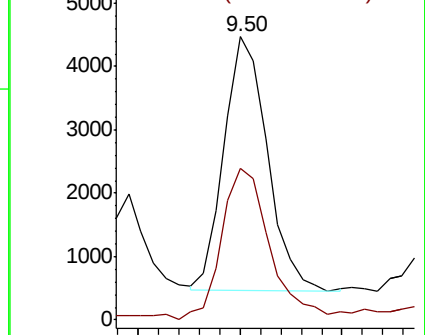
43 100

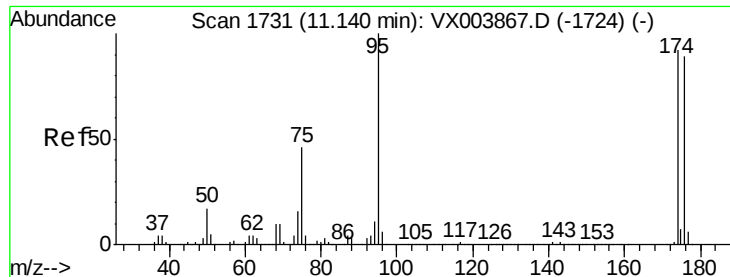
58 67.8 29.0 87.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





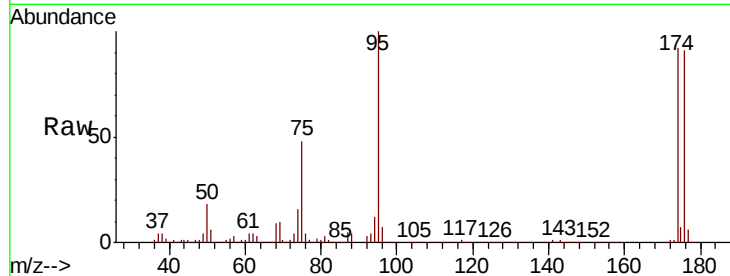
#62
4-Bromofluorobenzene
Concen: 56.07 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003909.D
Acq: 08 Aug 2018 05:24

Instrument :
MSVOA_X
ClientSampleId :
OILY-WATER

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

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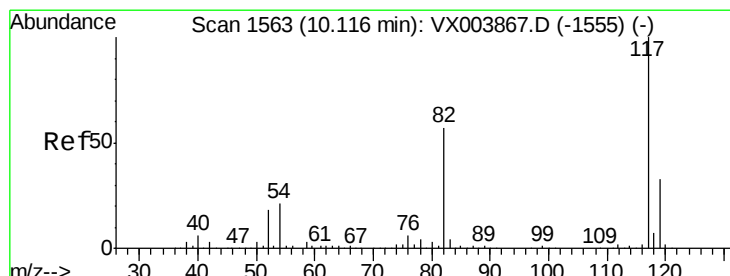
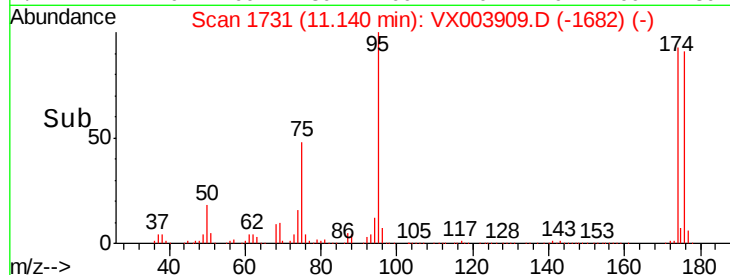
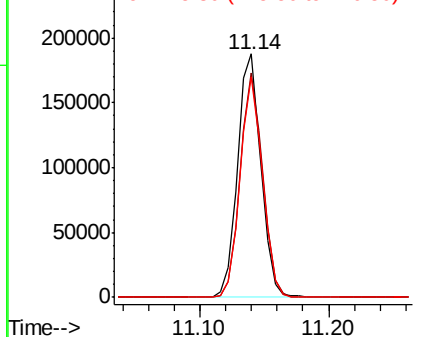


Abundance

Ion 94.90 (94.60 to 95.60): VX003867.D (-1724) (-)

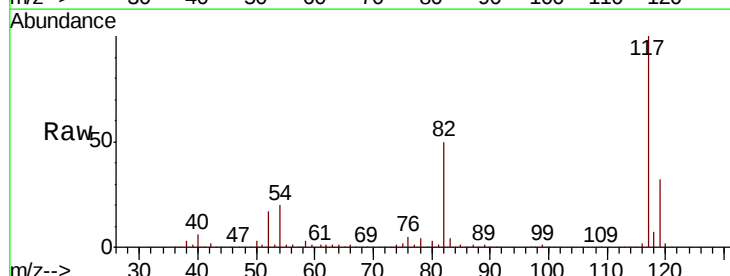
Ion 173.80 (173.50 to 174.50): VX003867.D (-1724) (-)

Ion 175.80 (175.50 to 176.50): VX003867.D (-1724) (-)



#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

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

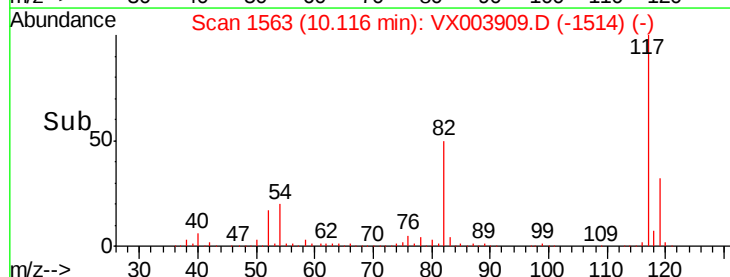
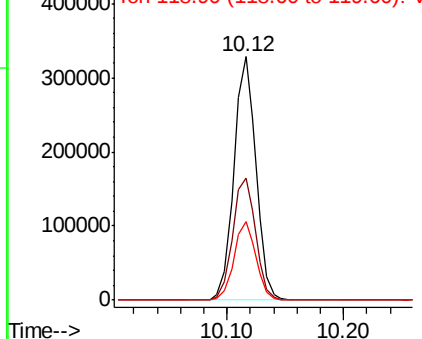


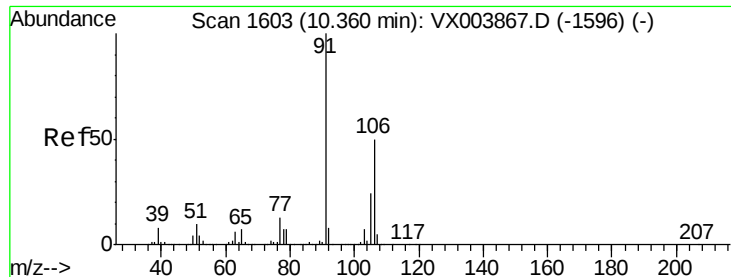
Abundance

Ion 116.90 (116.60 to 117.60): VX003867.D (-1555) (-)

Ion 82.00 (81.70 to 82.70): VX003867.D (-1555) (-)

Ion 118.90 (118.60 to 119.60): VX003867.D (-1555) (-)





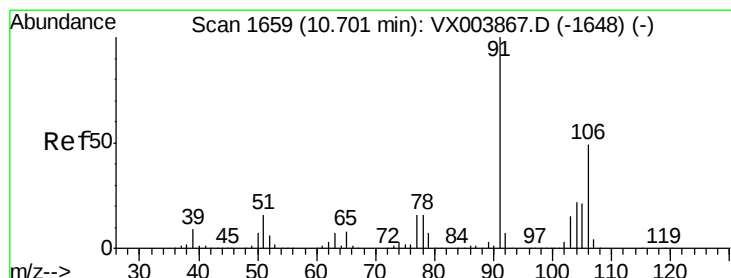
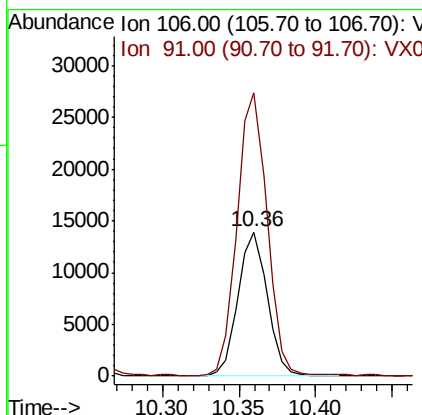
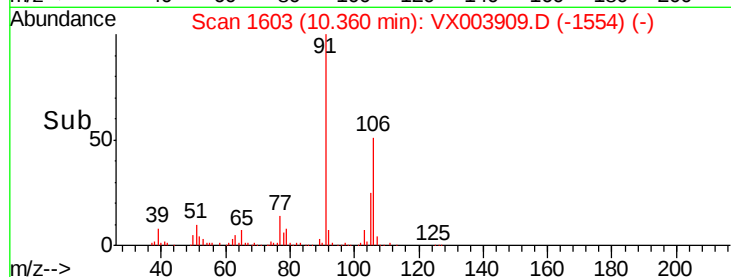
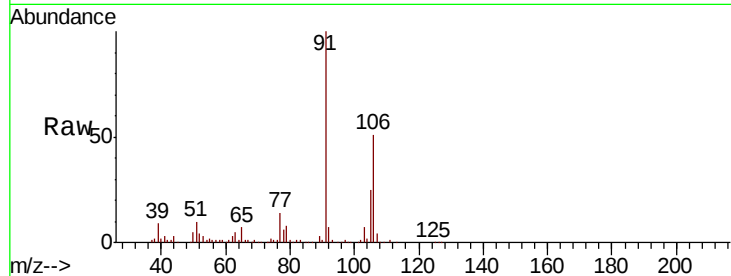
#68
m/p-Xylenes
Concen: 2.58 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003909.D
Acq: 08 Aug 2018 05:24

Instrument :
MSVOA_X
ClientSampled :
OILY-WATER

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

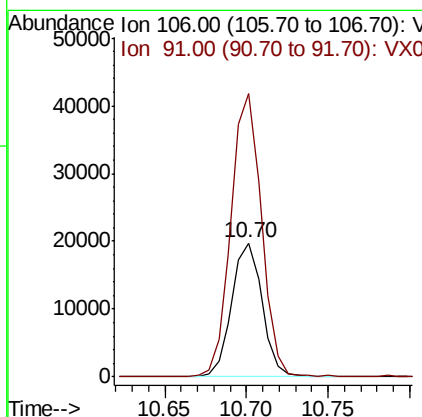
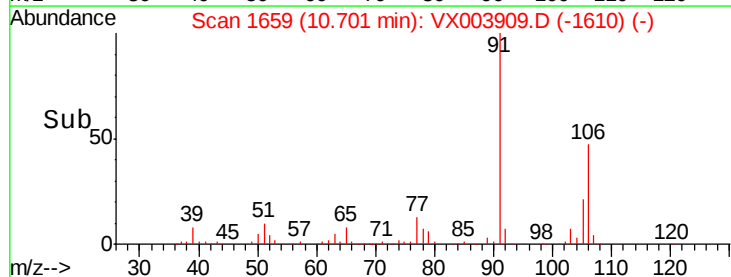
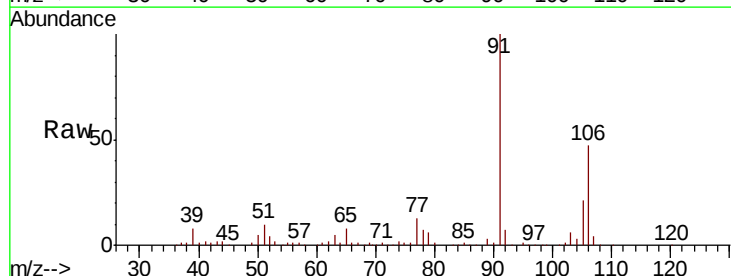
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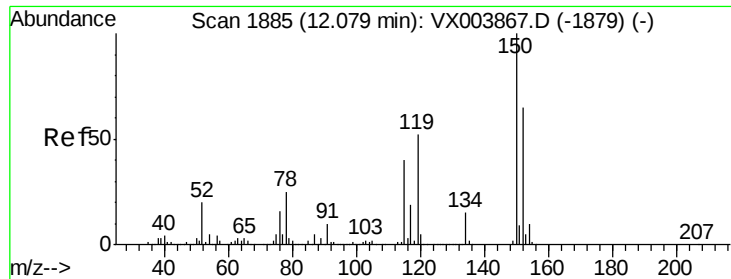
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#69
o-Xylene
Concen: 3.77 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003909.D
Acq: 08 Aug 2018 05:24

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

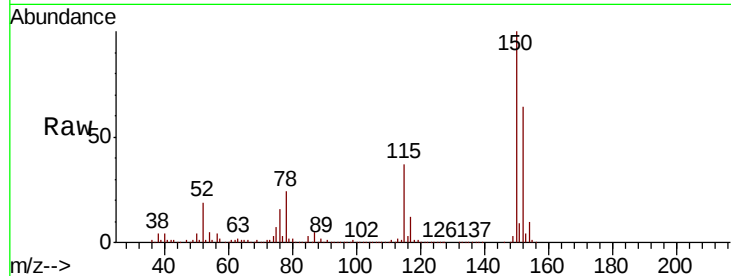
150 155.4 0.0 349.2

Manual Integrations

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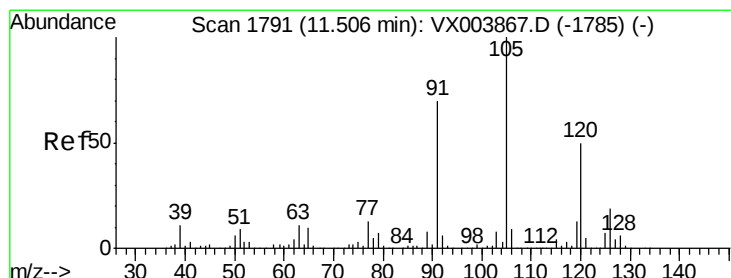
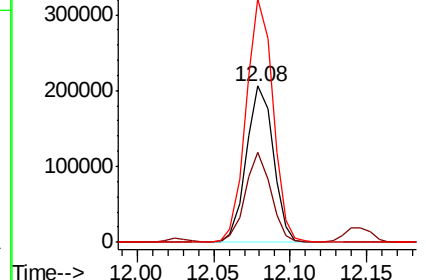
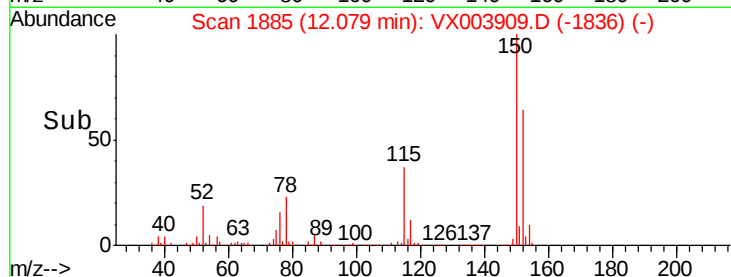
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Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#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

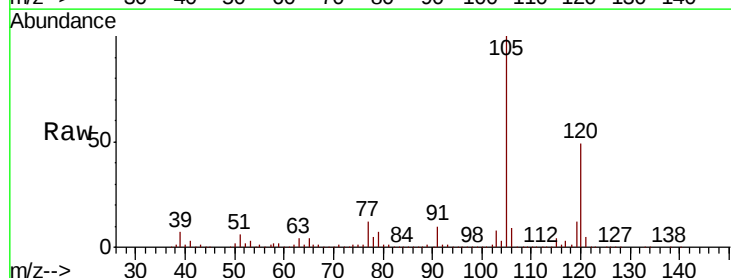
Acq: 08 Aug 2018 05:24

Tgt Ion:105 Resp: 245901

Ion Ratio Lower Upper

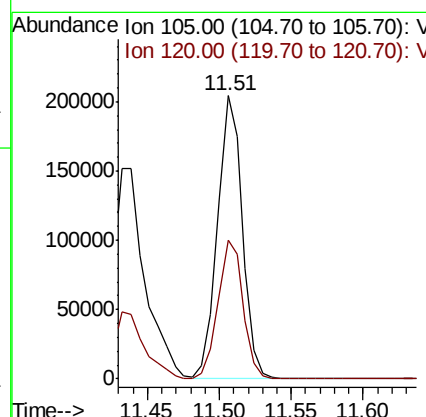
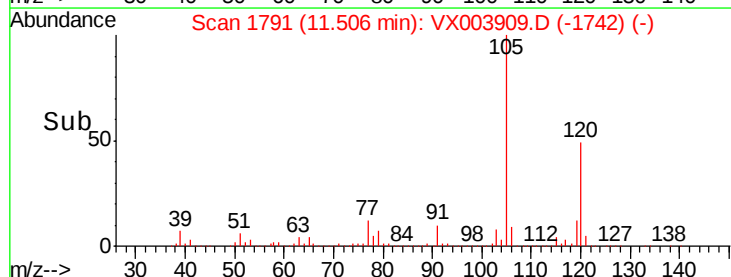
105 100

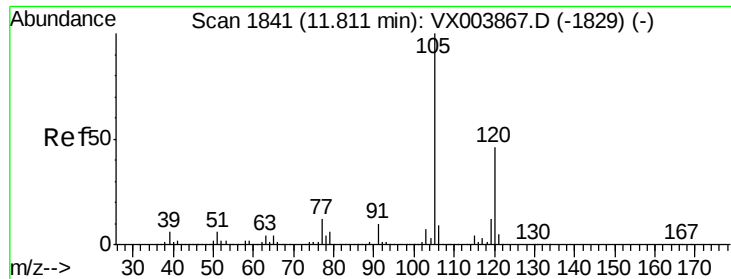
120 49.7 25.4 76.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): 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

Instrument :
 MSVOA_X
 ClientSampleId :
 OILY-WATER

Tot Ion	Ratio	Lower	Upper
105	100		
120	46.4	23.1	69.2

Manual Integrations
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