

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

Manual Integrations
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MMDadoda
 11/15/2018 1:04:16 PM

Quant Time: Nov 15 06:37:20 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 50.000			Recovery	=	98.10%	
35) Dibromofluoromethane	5.50	113	63128	50.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.38%	
50) Toluene-d8	8.71	98	199517	48.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.38%	
62) 4-Bromofluorobenzene	11.14	95	71265	47.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.76%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	3762	4.70	ug/l	97
20) Methylene Chloride	2.85	84	1020	0.78	ug/l	90
25) 2-Butanone	4.70	43	1239	0.98	ug/l	94
73) Isopropylbenzene	11.02	105	4877	1.08	ug/l	99
78) n-propylbenzene	11.36	91	2664	0.50	ug/l	95
83) tert-Butylbenzene	11.77	119	1182	0.30	ug/l	85
85) sec-Butylbenzene	11.94	105	16791	3.54	ug/l	92
89) n-Butylbenzene	12.39	91	3539	0.91	ug/l	85
95) Naphthalene	13.83	128	5040m	2.05	ug/l	

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

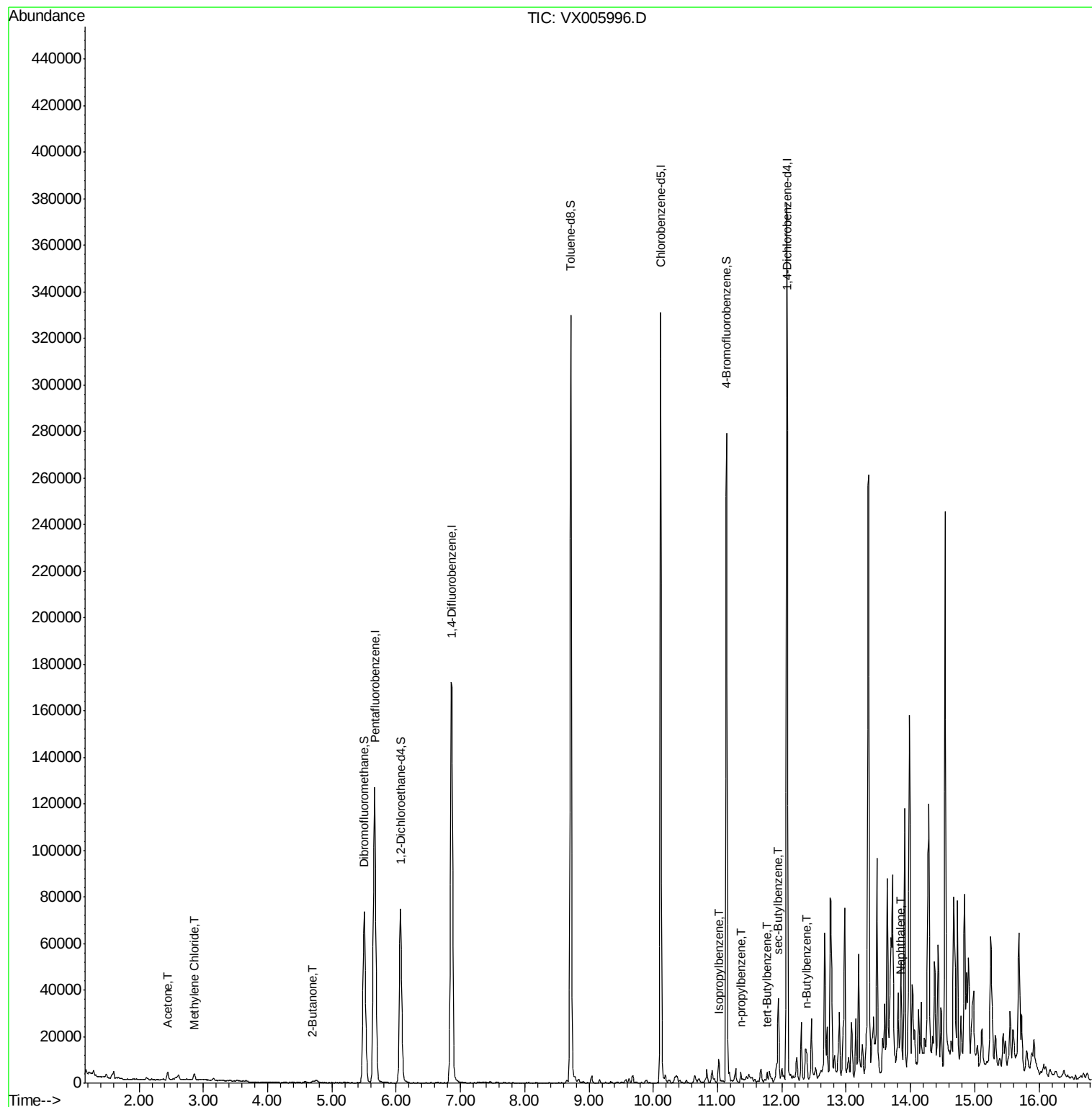
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX111418\
Data File : VX005996.D
Acq On : 15 Nov 2018 01:54
Operator : JC/MD
Sample : J5939-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 33 Sample Multiplier: 1

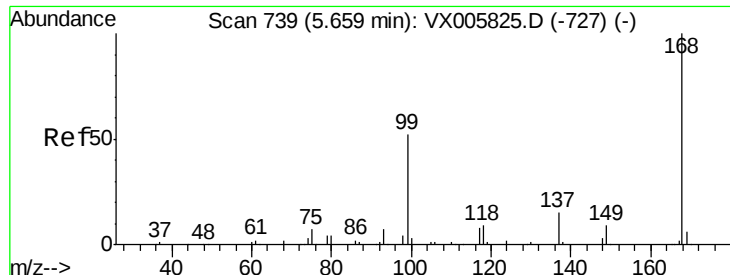
Instrument :
MSVOA_X
ClientSampleId :
OILY-WATER

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Quant Time: Nov 15 06:37:20 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 07 14:40:53 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 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

ClientSampleId :

OILY-WATER

Tgt Ion:168 Resp: 129385

Ion Ratio Lower Upper

168 100

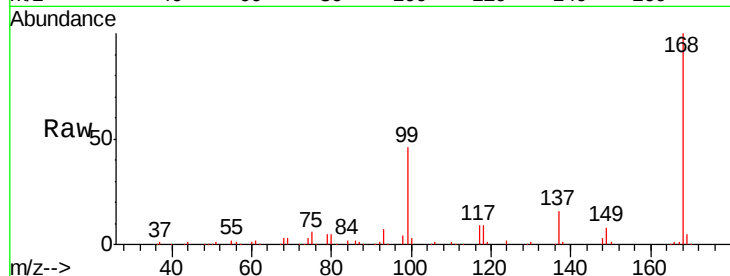
99 46.3 40.7 61.1

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

5.67

40000

30000

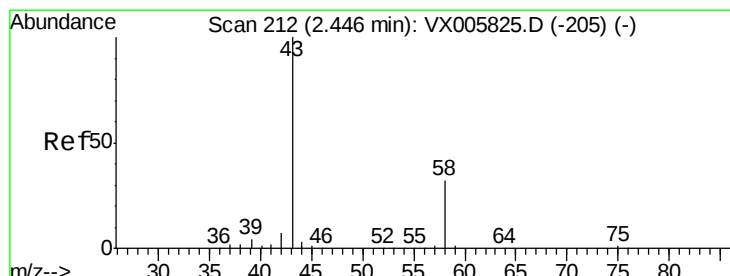
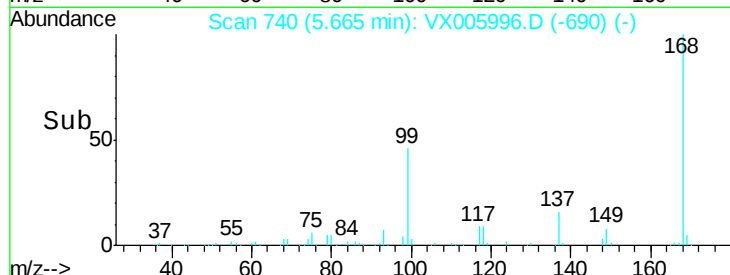
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10000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 4.70 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005996.D

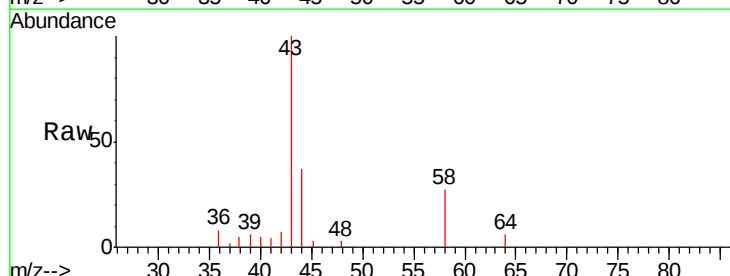
Acq: 15 Nov 2018 01:54

Tgt Ion: 43 Resp: 3762

Ion Ratio Lower Upper

43 100

58 28.2 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

2500

2000

1500

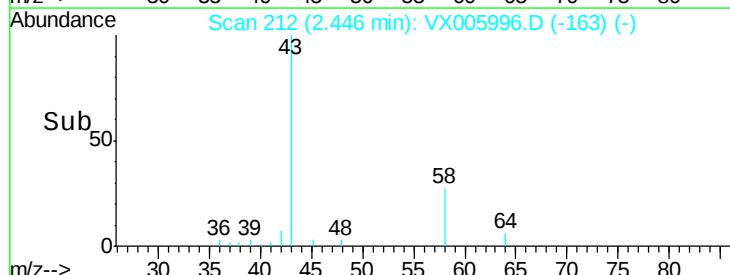
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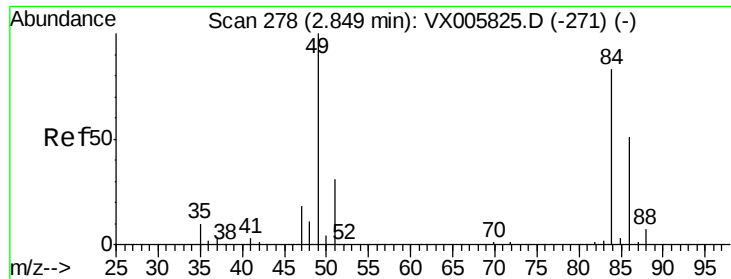
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Time-->

2.40 2.45 2.50





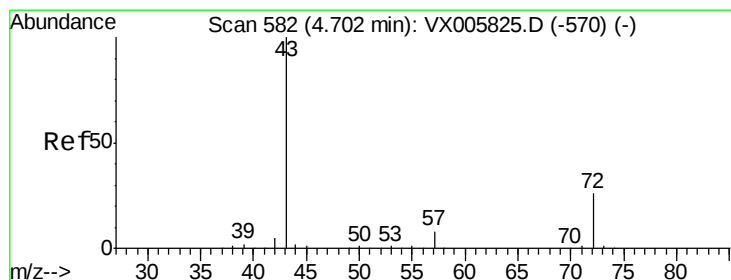
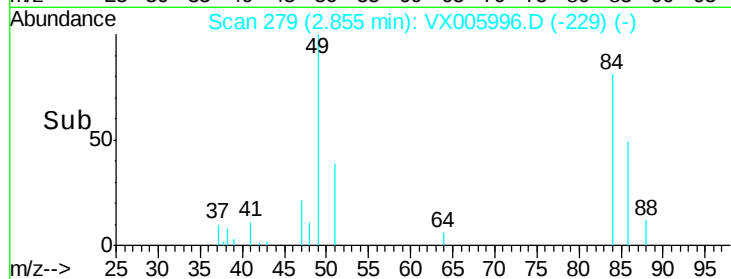
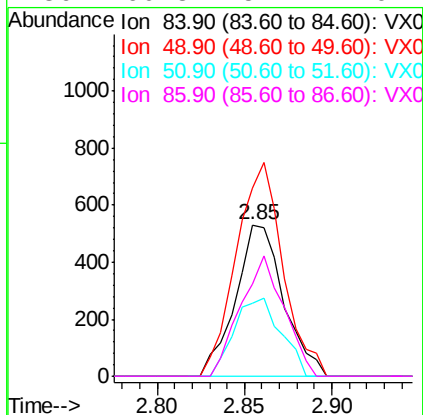
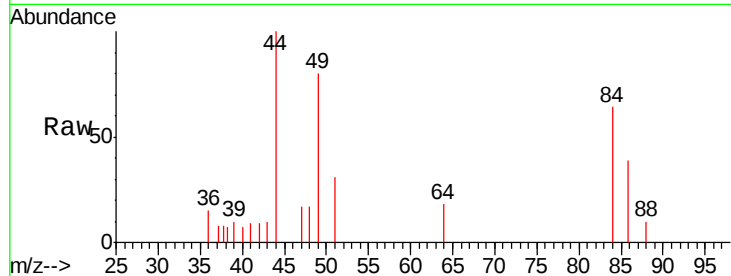
#20
Methylene Chloride
Concen: 0.78 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.01 min
Lab File: VX005996.D
Acq: 15 Nov 2018 01:54

Instrument :
MSVOA_X
ClientSampleId :
OILY-WATER

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

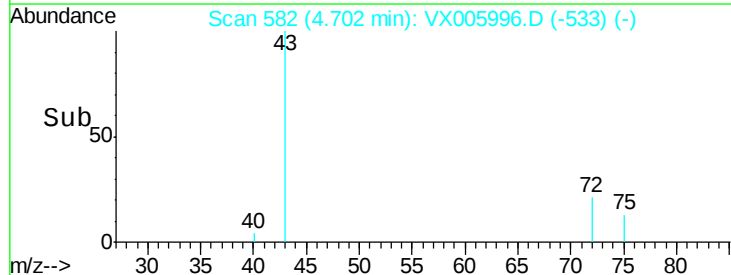
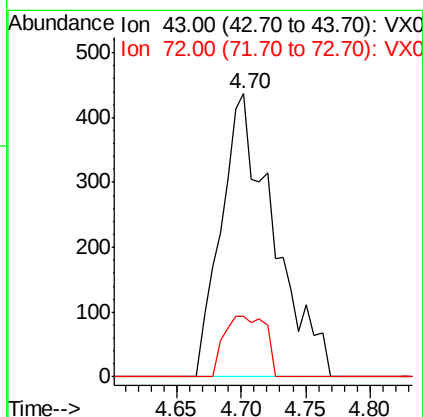
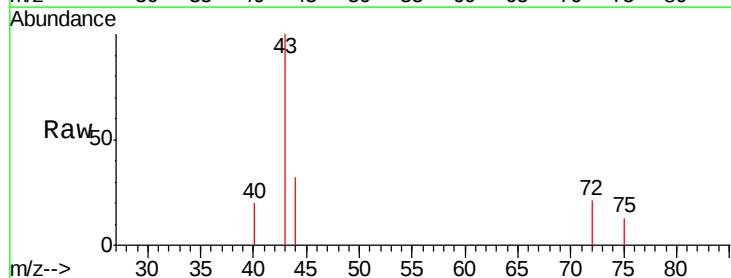
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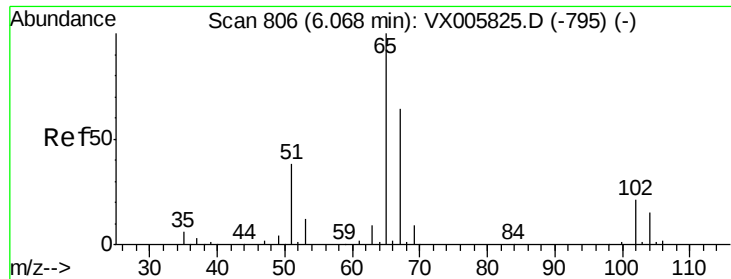
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#25
2-Butanone
Concen: 0.98 ug/l
RT: 4.70 min Scan# 582
Delta R.T. -0.00 min
Lab File: VX005996.D
Acq: 15 Nov 2018 01:54

Tgt Ion:	43	Resp:	1239
Ion	Ratio	Lower	Upper
43	100		
72	21.3	19.2	28.8





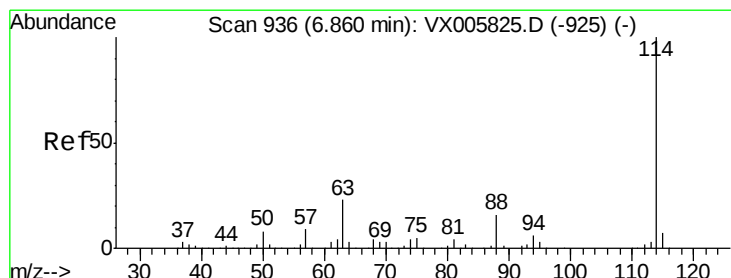
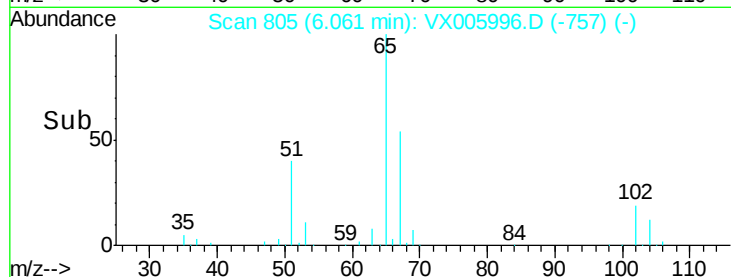
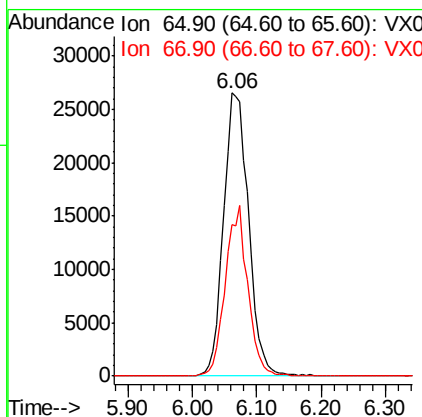
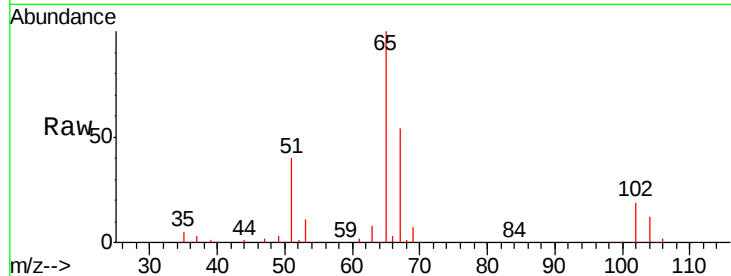
#33
 1,2-Dichloroethane-d4
 Concen: 49.05 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX005996.D
 Acq: 15 Nov 2018 01:54

Instrument :
 MSVOA_X
 ClientSampleId :
 OILY-WATER

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

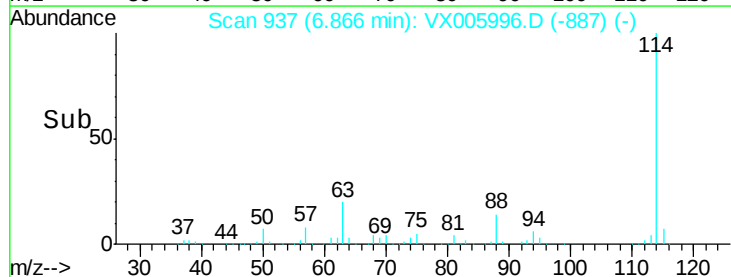
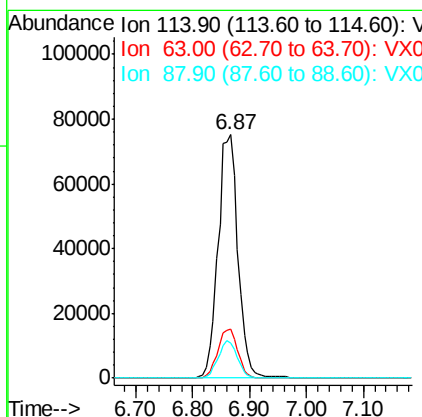
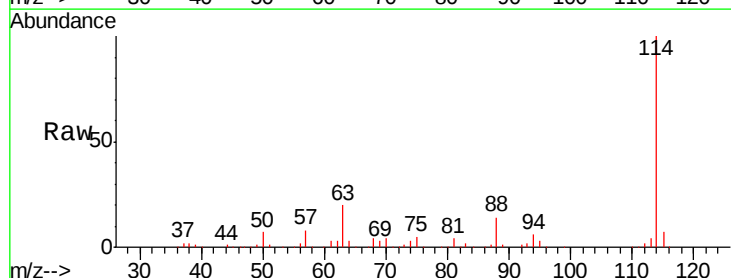
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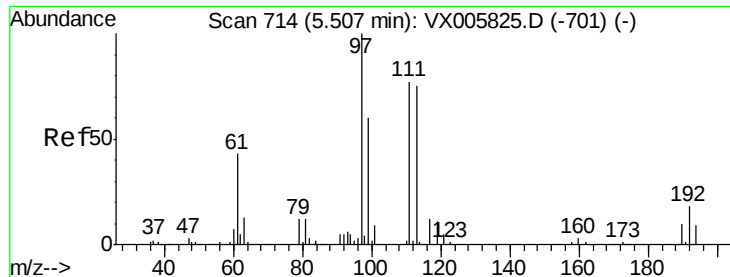
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 937
 Delta R.T. 0.01 min
 Lab File: VX005996.D
 Acq: 15 Nov 2018 01:54

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: 50.69 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

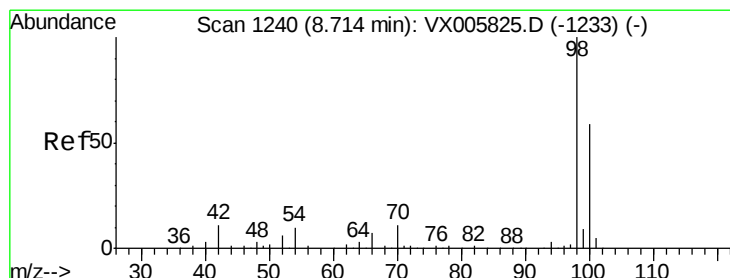
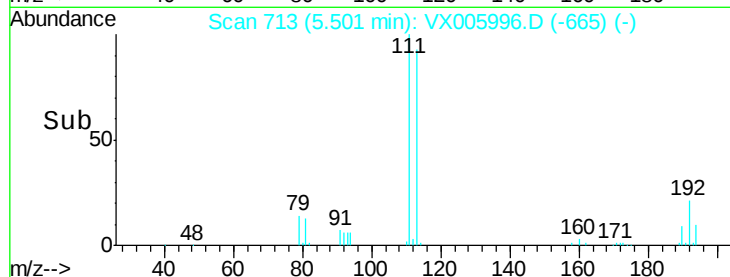
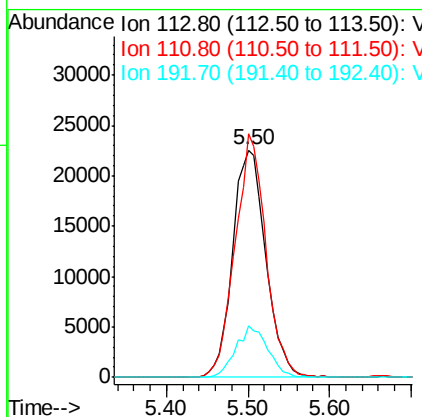
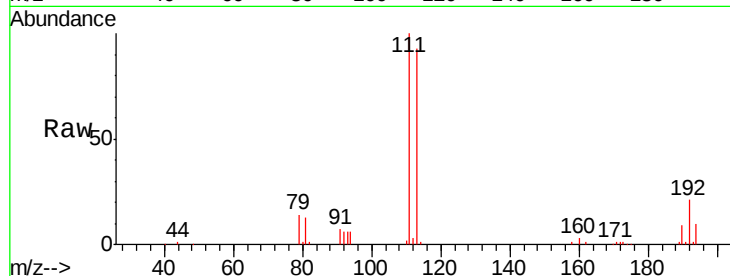
ClientSampleId :

OILY-WATER

Tgt Ion:	113	Resp:	63128
Ion	Ratio	Lower	Upper
113	100		
111	99.5	82.3	123.5
192	22.0	17.9	26.9

Manual Integrations
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#50

Toluene-d8

Concen: 48.19 ug/l

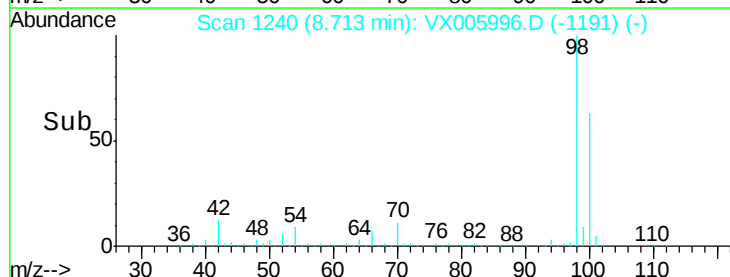
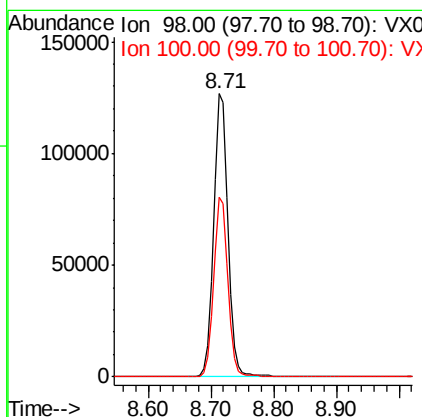
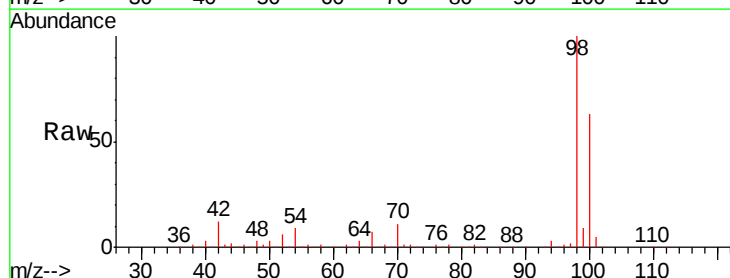
RT: 8.71 min Scan# 1240

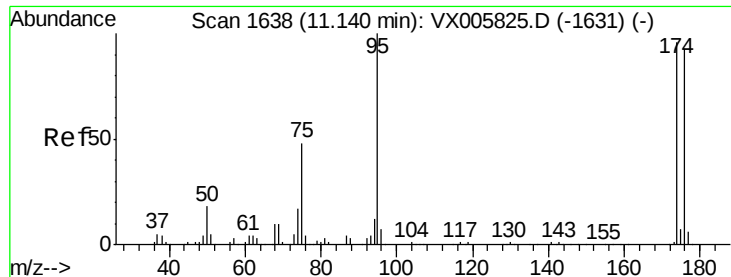
Delta R.T. -0.00 min

Lab File: VX005996.D

Acq: 15 Nov 2018 01:54

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





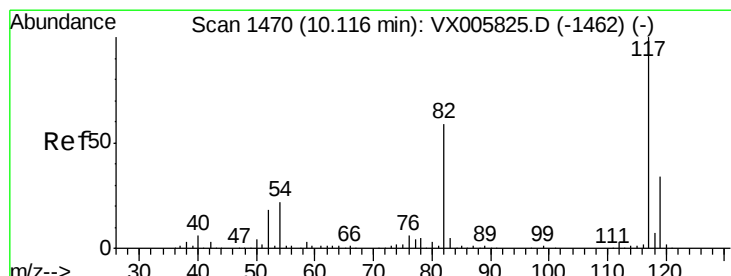
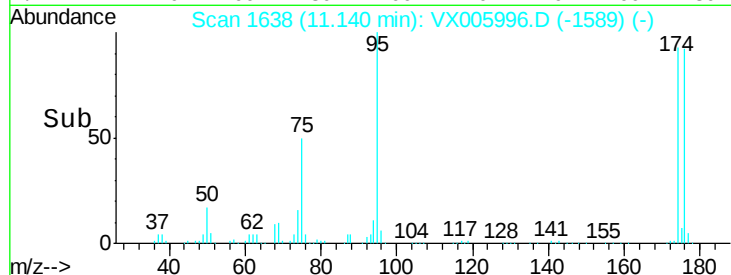
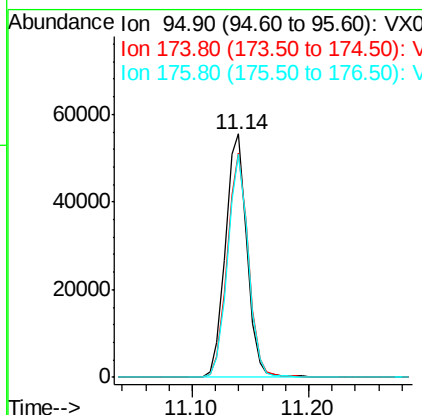
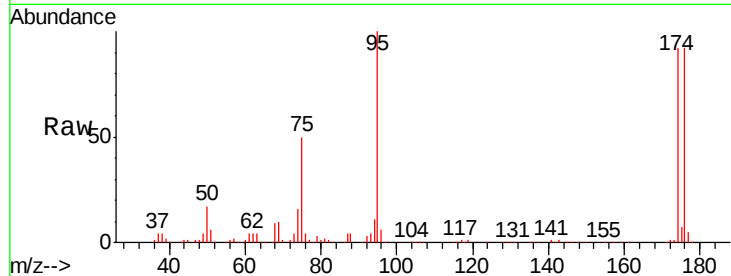
#62
4-Bromofluorobenzene
Concen: 47.88 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005996.D
Acq: 15 Nov 2018 01:54

Instrument :
MSVOA_X
ClientSampleId :
OILY-WATER

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	71265		
174	90.4	0.0	184.4	
176	88.0	0.0	177.4	

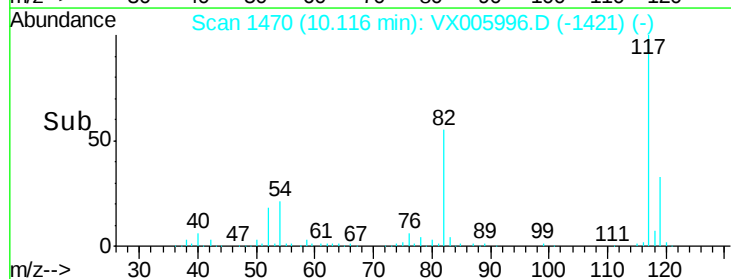
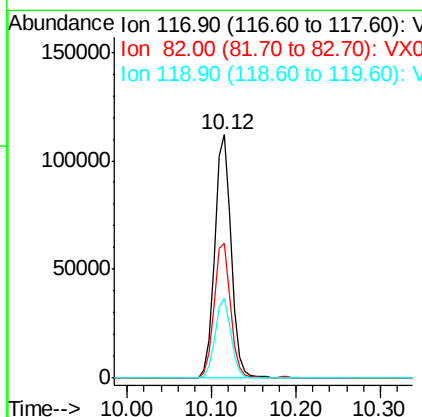
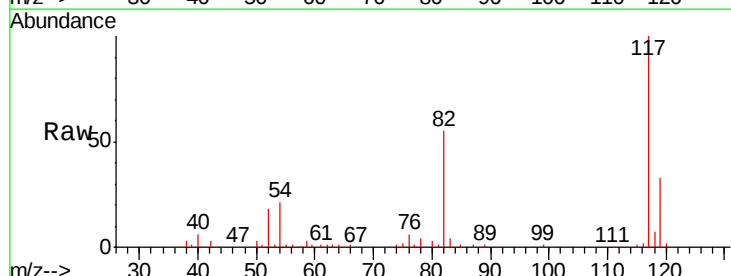
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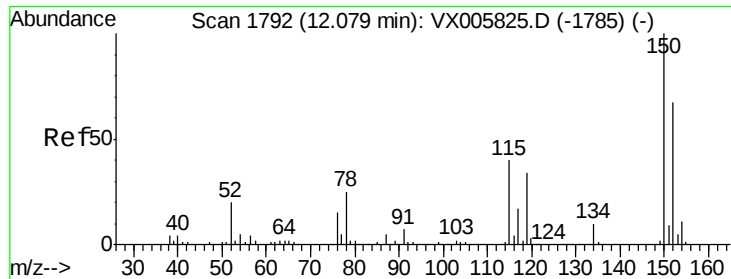
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#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005996.D
Acq: 15 Nov 2018 01:54

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





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 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

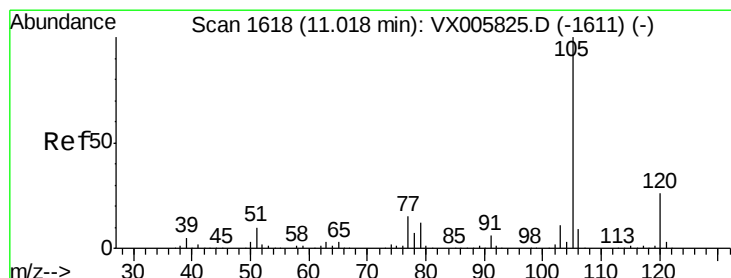
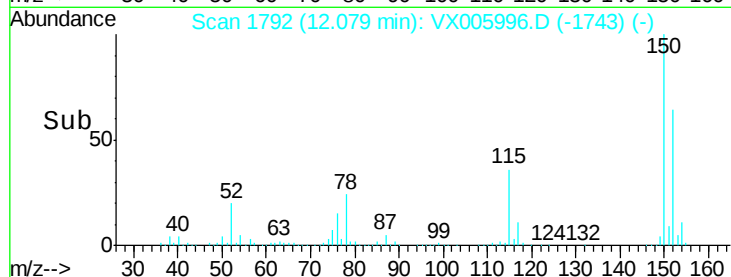
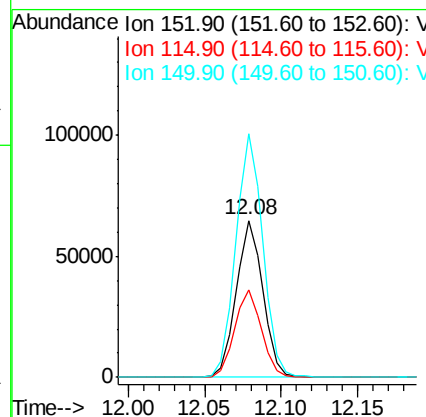
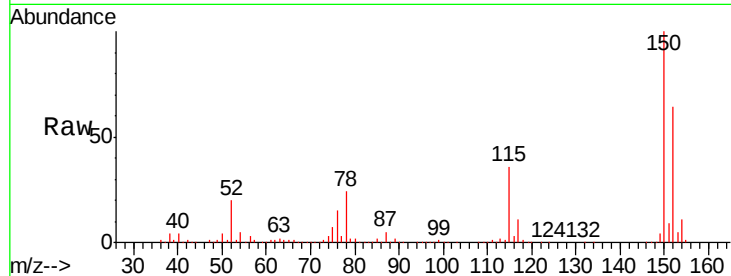
ClientSampleId :

OILY-WATER

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.1	39.4	118.1
150	156.9	0.0	346.4

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#73

Isopropylbenzene

Concen: 1.08 ug/l

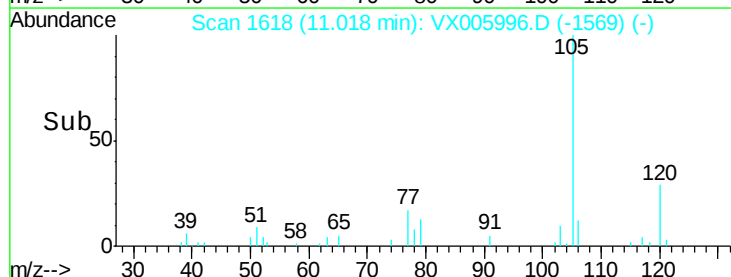
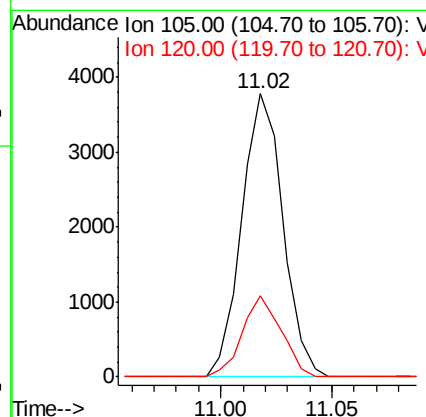
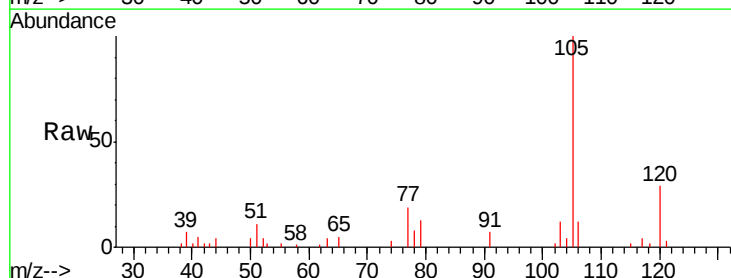
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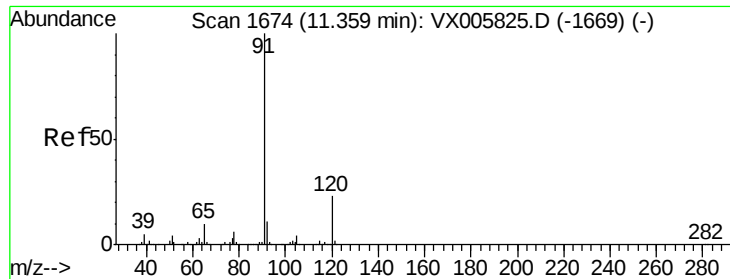
Delta R.T. -0.00 min

Lab File: VX005996.D

Acq: 15 Nov 2018 01:54

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.0	13.1	39.3





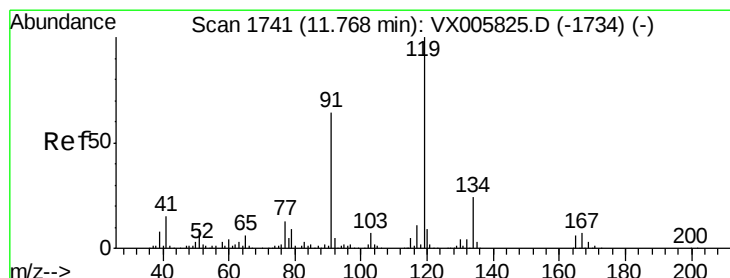
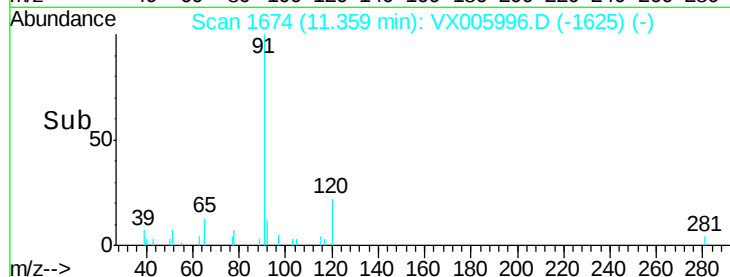
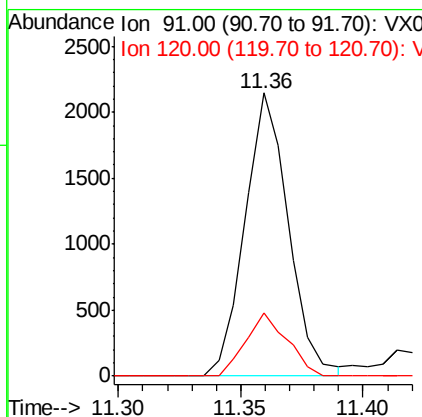
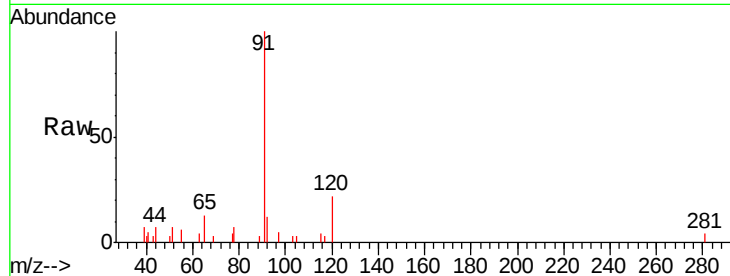
#78
n-propylbenzene
Concen: 0.50 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VX005996.D
Acq: 15 Nov 2018 01:54

Instrument :
MSVOA_X
ClientSampleId :
OILY-WATER

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.2	11.9	35.5

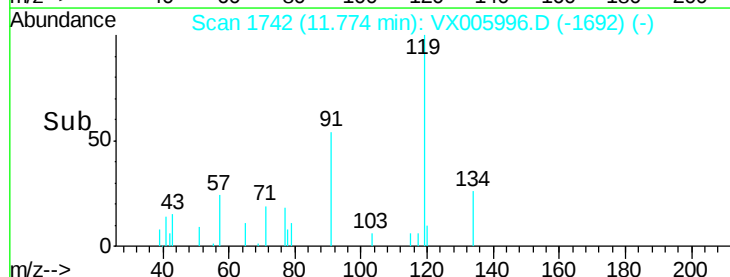
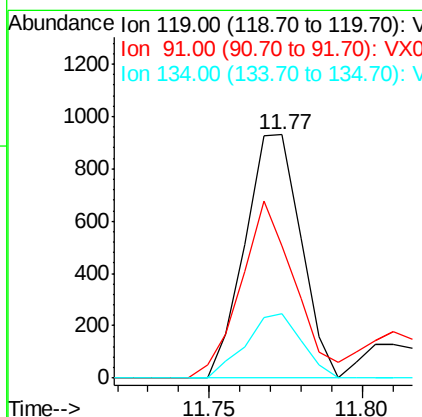
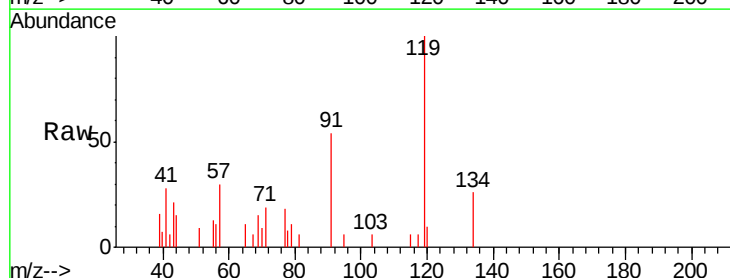
Manual Integrations
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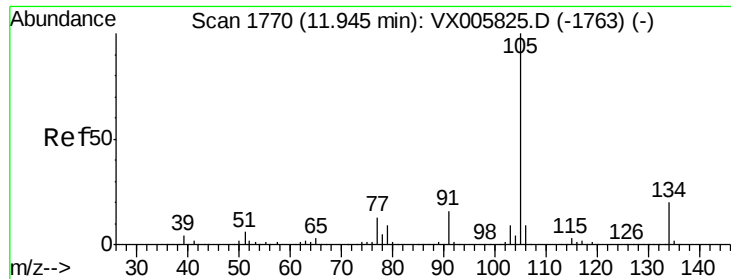
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#83
tert-Butylbenzene
Concen: 0.30 ug/l
RT: 11.77 min Scan# 1742
Delta R.T. 0.01 min
Lab File: VX005996.D
Acq: 15 Nov 2018 01:54

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





#85

sec-Butylbenzene

Concen: 3.54 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

Tgt Ion: 105 Resp: 16791

Ion Ratio Lower Upper

105 100

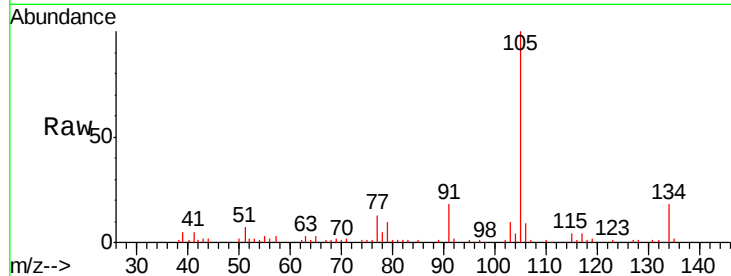
134 24.1 10.2 30.4

Manual Integrations

APPROVED

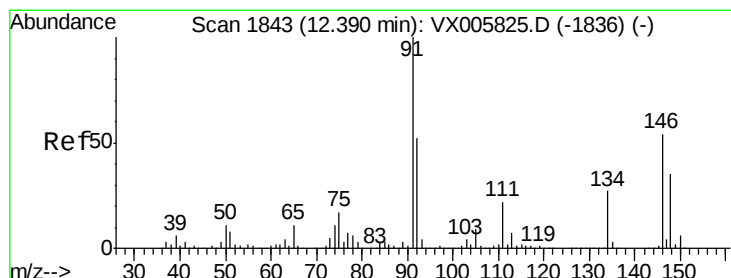
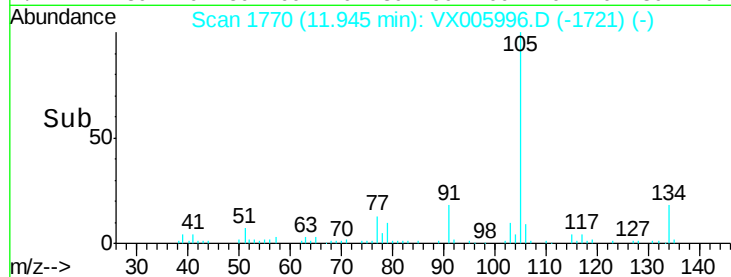
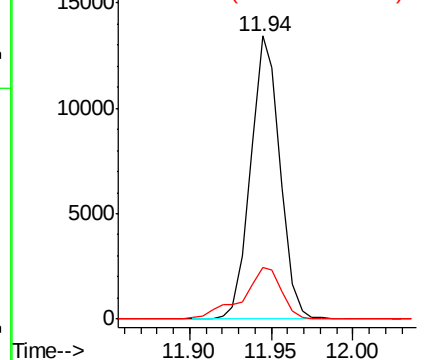
MMDadoda

11/15/2018 1:04:16 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#89

n-Butylbenzene

Concen: 0.91 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX005996.D

Acq: 15 Nov 2018 01:54

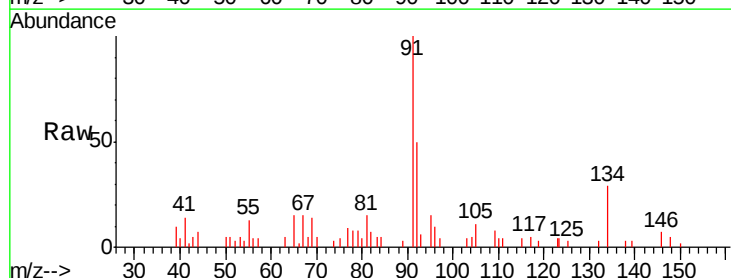
Tgt Ion: 91 Resp: 3539

Ion Ratio Lower Upper

91 100

92 43.1 26.1 78.2

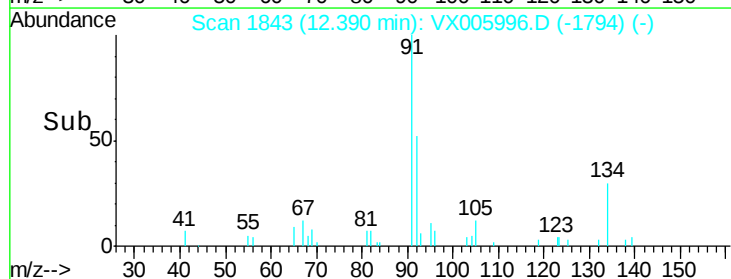
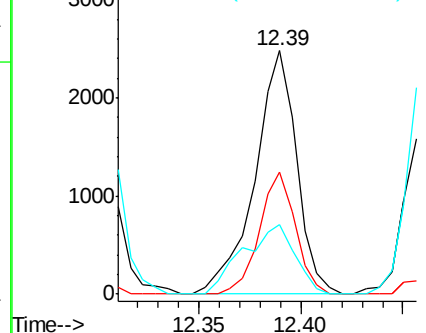
134 35.7 13.1 39.3

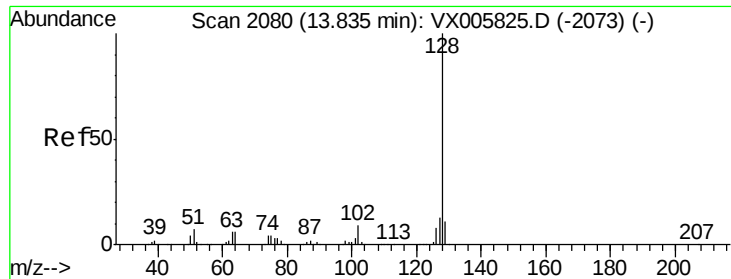


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V





#95
Naphthalene
Concen: 2.05 ug/l m
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX005996.D
Acq: 15 Nov 2018 01:54

Instrument :
MSVOA_X
ClientSampleId :
OILY-WATER

Tgt Ion	Ratio	Lower	Upper
128	100		
127	19.7	10.4	15.6#
129	24.4	8.7	13.1#

Manual Integrations
APPROVED

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11/15/2018 1:04:16 PM

