

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062518\
 Data File : VX002883.D
 Acq On : 26 Jun 2018 02:07
 Operator : JC/MD
 Sample : J3705-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 W-39

Manual Integrations
 APPROVED

MMDadoda
 6/28/2018 2:26:33 PM

Quant Time: Jun 27 07:34:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	241134	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	339923	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	316080	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	184900	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	164879	49.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.94%	
35) Dibromofluoromethane	5.51	113	133359	49.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.08%	
50) Toluene-d8	8.72	98	477685	48.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.18%	
62) 4-Bromofluorobenzene	11.14	95	172827	45.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.18%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	2.53	142	3035	7.21	ug/l #	94
16) Acetone	2.45	43	4050	2.93	ug/l	95
19) Methyl tert-butyl Ether	3.21	73	6300	0.74	ug/l #	84
51) 4-Methyl-2-Pentanone	8.65	43	2995	0.71	ug/l	99
65) Chlorobenzene	10.14	112	11430	1.42	ug/l	91
73) Isopropylbenzene	11.02	105	16971	1.36	ug/l	96
83) tert-Butylbenzene	11.77	119	5685	0.55	ug/l	77
85) sec-Butylbenzene	11.95	105	21811	1.74	ug/l	94
87) 1,3-Dichlorobenzene	12.03	146	1421	0.22	ug/l	93
88) 1,4-Dichlorobenzene	12.10	146	7196m	1.08	ug/l	

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

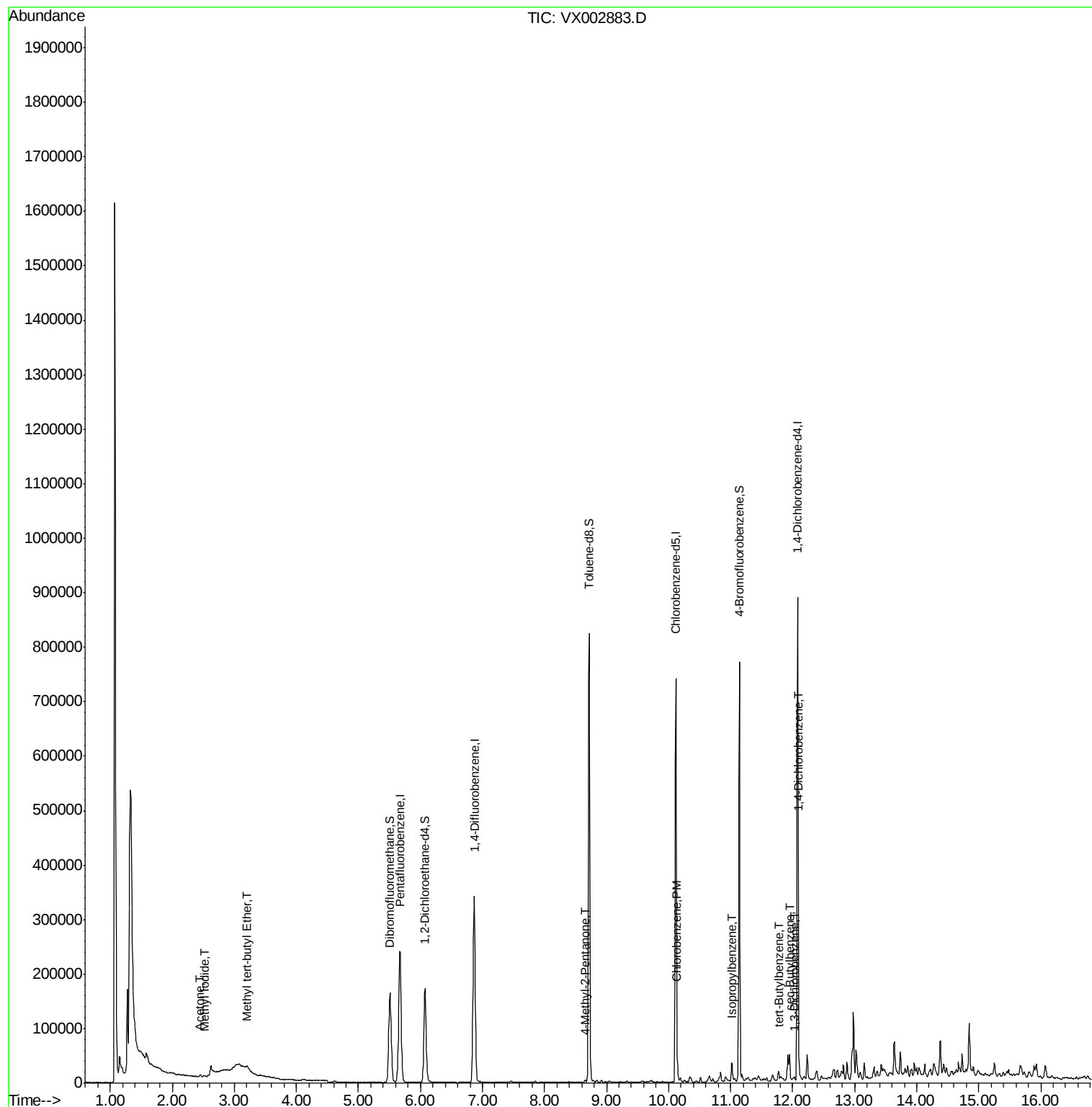
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX062518\
Data File : VX002883.D
Acq On : 26 Jun 2018 02:07
Operator : JC/MD
Sample : J3705-05
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 29 Sample Multiplier: 1

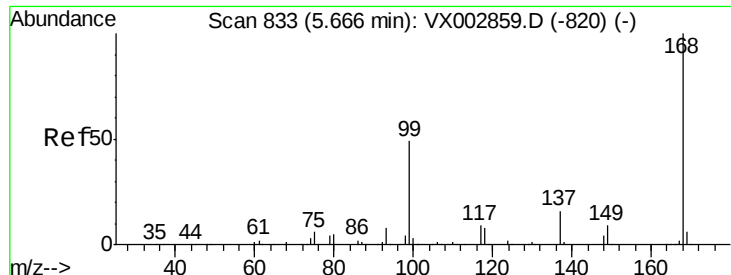
Instrument :
MSVOA_X
ClientSampleId :
W-39

Manual Integrations
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6/28/2018 2:26:33 PM

Quant Time: Jun 27 07:34:55 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration





#1

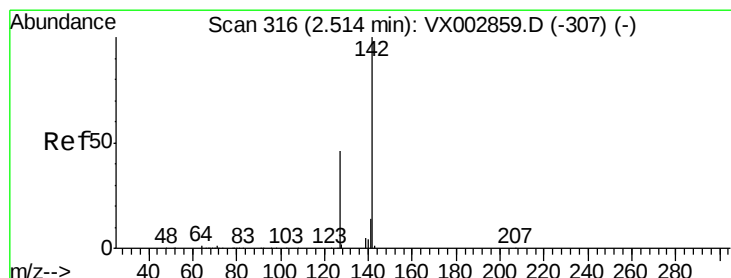
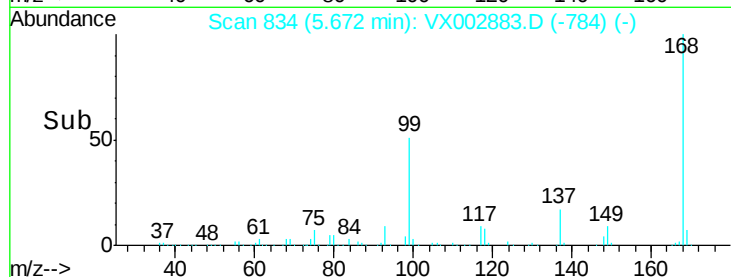
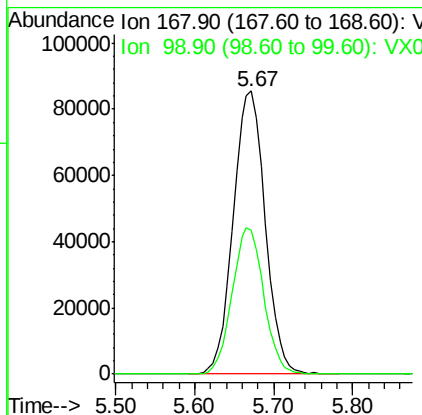
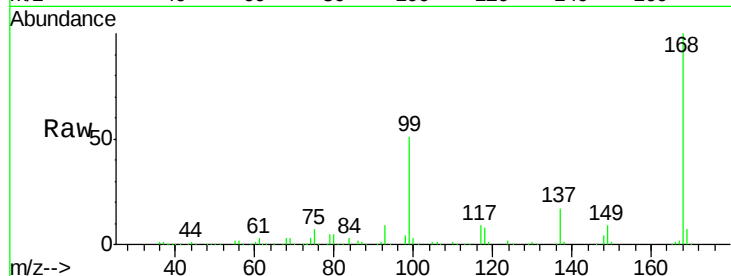
Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. 0.01 min
 Lab File: VX002883.D
 Acq: 26 Jun 2018 02:07

Instrument :
 MSVOA_X
 ClientSampled :
 W-39

Tot Ion	Ratio	Lower	Upper
168	100		
99	50.6	39.3	58.9

Manual Integrations
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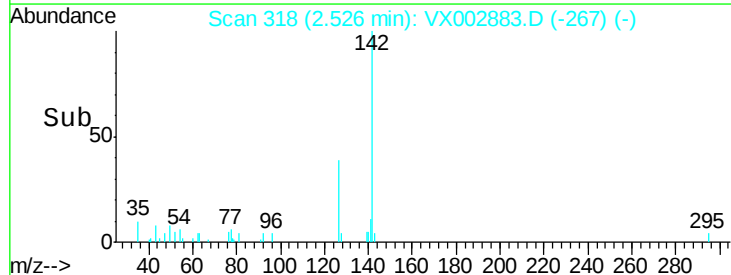
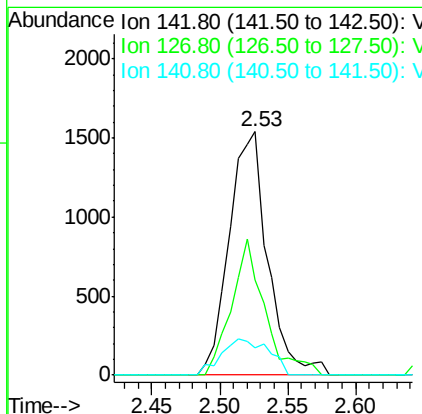
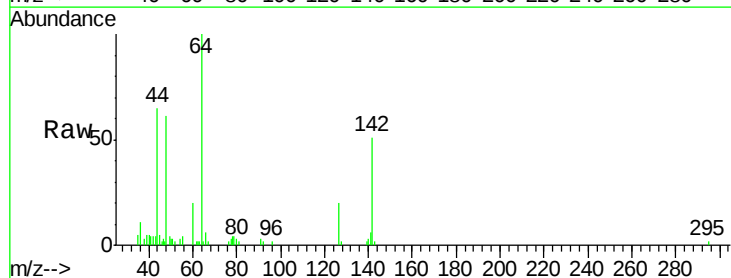
MMDadoda
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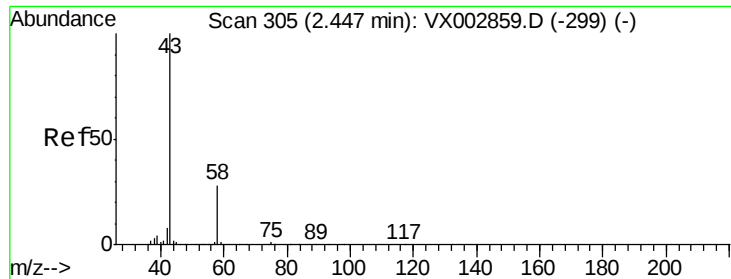


#10

Methyl Iodide
 Concen: 7.21 ug/l
 RT: 2.53 min Scan# 318
 Delta R.T. 0.01 min
 Lab File: VX002883.D
 Acq: 26 Jun 2018 02:07

Tgt Ion	Ratio	Lower	Upper
142	100		
127	48.6	36.6	55.0
141	18.2	11.3	16.9#





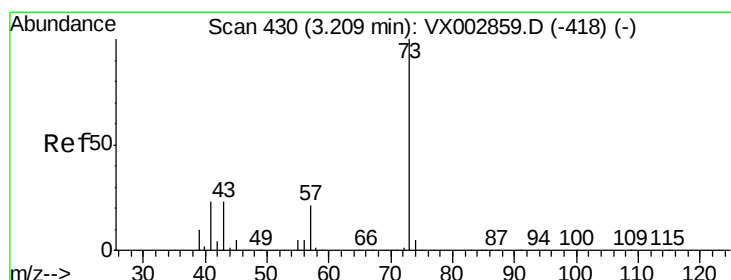
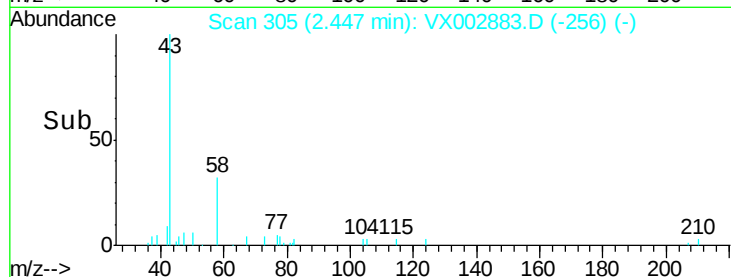
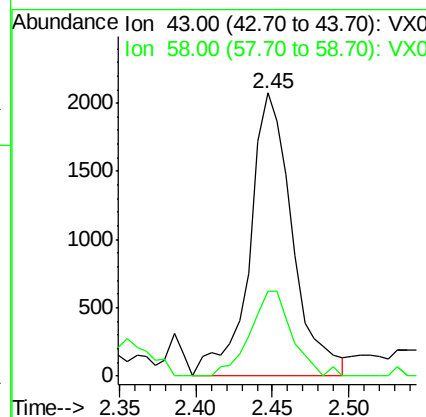
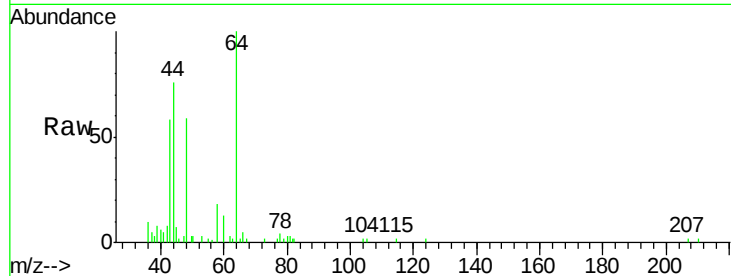
#16
Acetone
Concen: 2.93 ug/l
RT: 2.45 min Scan# 305
Delta R.T. 0.00 min
Lab File: VX002883.D
Acq: 26 Jun 2018 02:07

Instrument :
MSVOA_X
ClientSampleId :
W-39

Tot Ion: 43 Resp: 4050
Ion Ratio Lower Upper
43 100
58 30.2 22.1 33.1

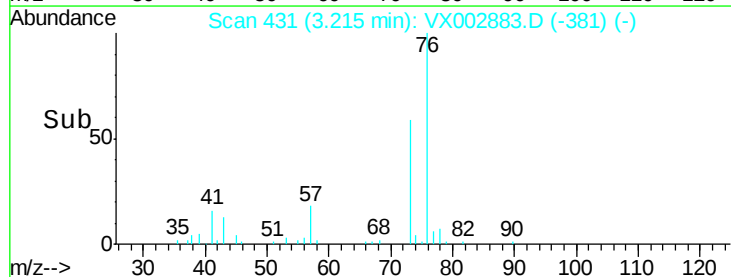
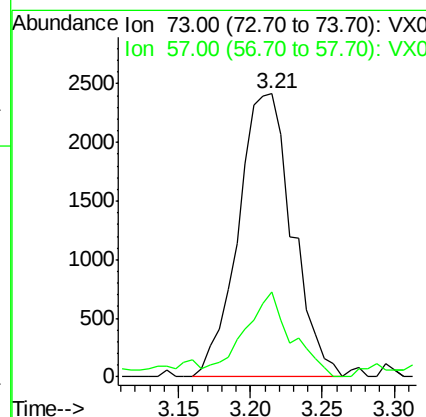
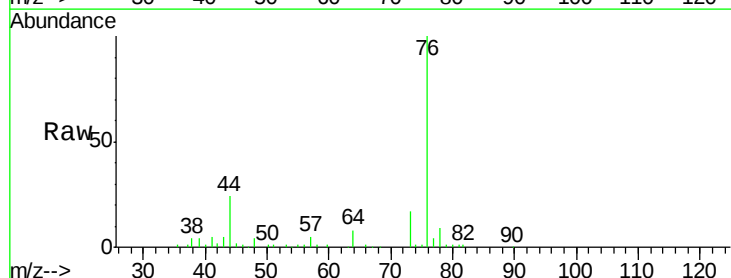
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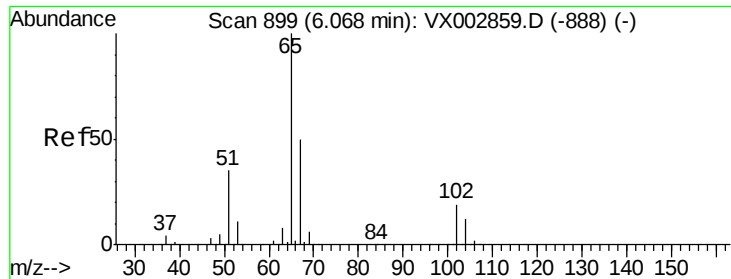
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#19
Methyl tert-butyl Ether
Concen: 0.74 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.01 min
Lab File: VX002883.D
Acq: 26 Jun 2018 02:07

Tgt Ion: 73 Resp: 6300
Ion Ratio Lower Upper
73 100
57 29.9 17.7 26.5#





#33

1,2-Dichloroethane-d4

Concen: 49.47 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX002883.D

Acq: 26 Jun 2018 02:07

Instrument :

MSVOA_X

ClientSampleId :

W-39

Tot Ion: 65 Resp: 164879

Ion Ratio Lower Upper

65 100

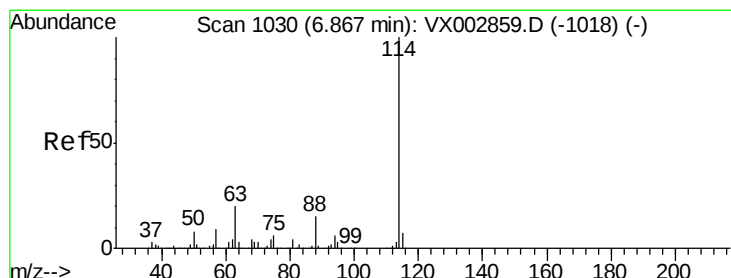
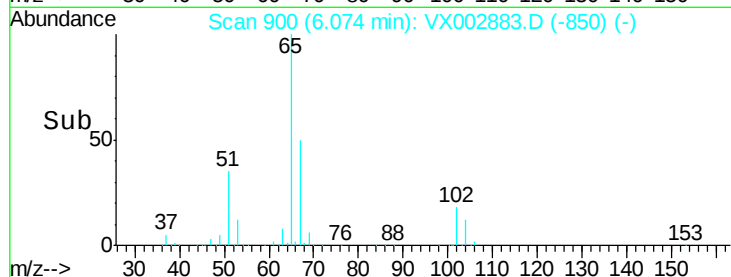
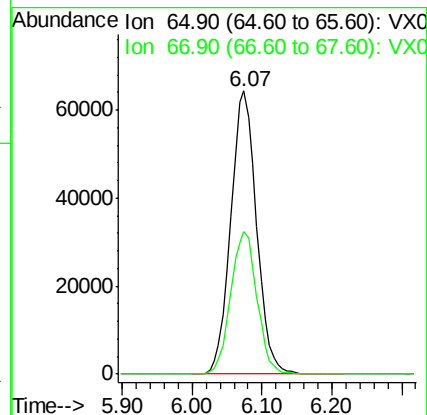
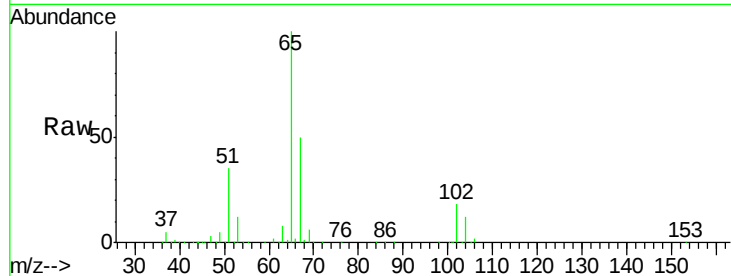
67 51.3 0.0 102.6

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#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX002883.D

Acq: 26 Jun 2018 02:07

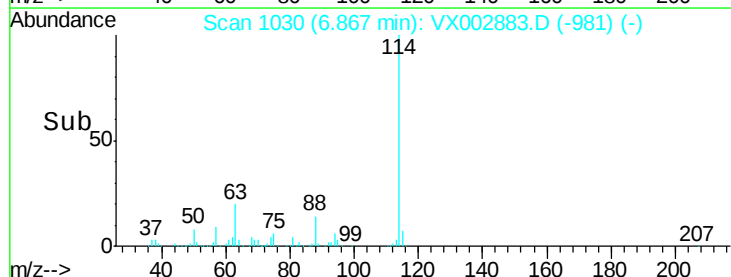
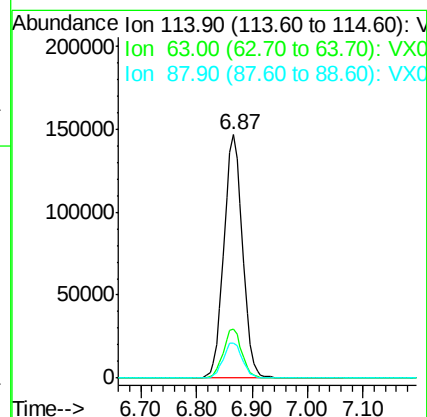
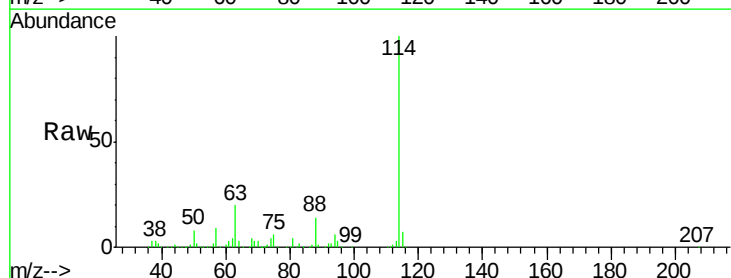
Tgt Ion: 114 Resp: 339923

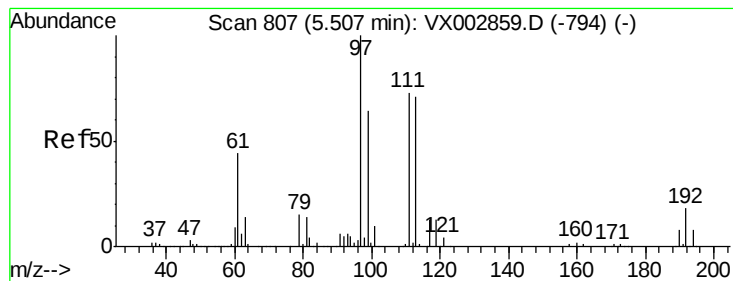
Ion Ratio Lower Upper

114 100

63 20.0 0.0 41.4

88 14.5 0.0 30.0





#35

Dibromofluoromethane

Concen: 49.54 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX002883.D

Acq: 26 Jun 2018 02:07

Instrument :

MSVOA_X

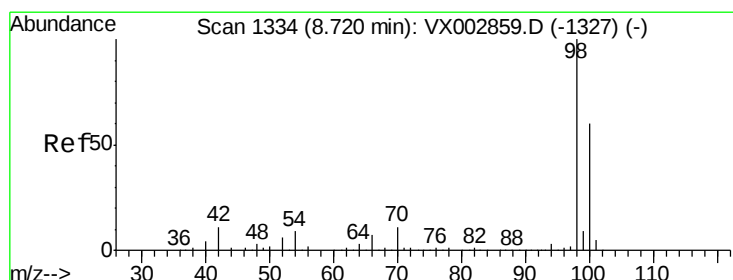
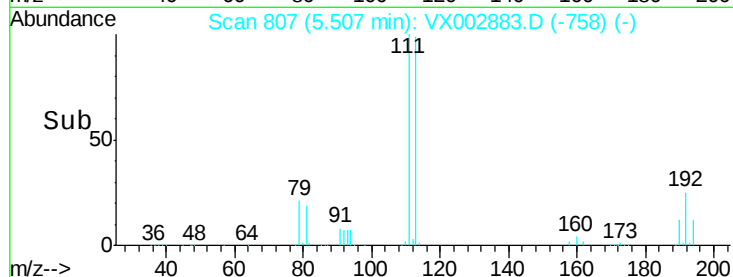
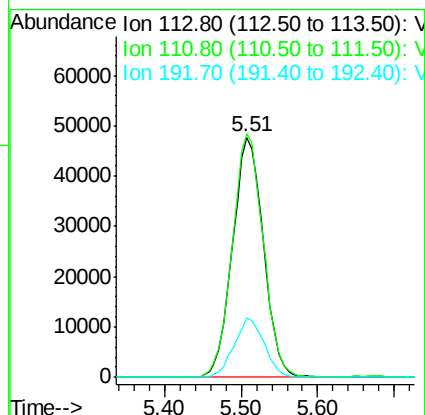
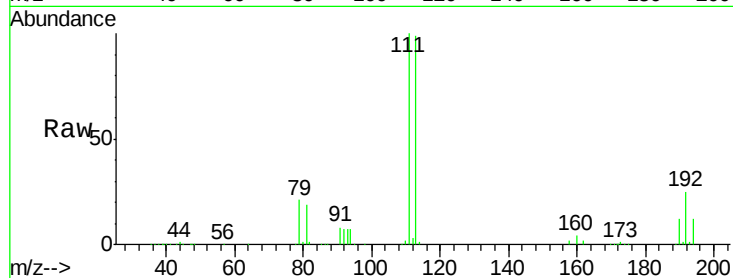
ClientSampled :

W-39

Tot Ion:	113	Resp:	133359
Ion Ratio	Lower	Upper	
113	100		
111	101.6	81.4	122.0
192	24.0	19.1	28.7

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#50

Toluene-d8

Concen: 48.59 ug/l

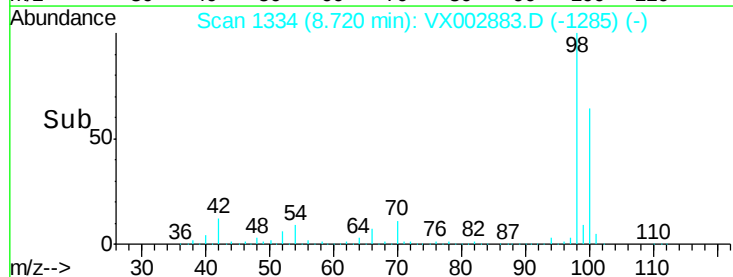
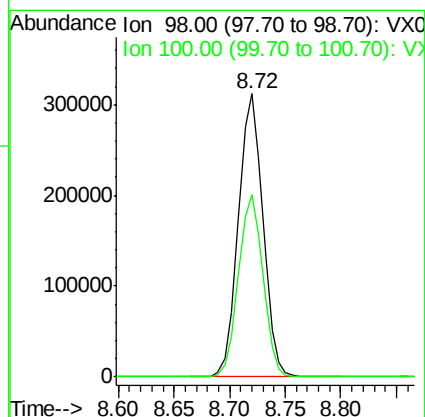
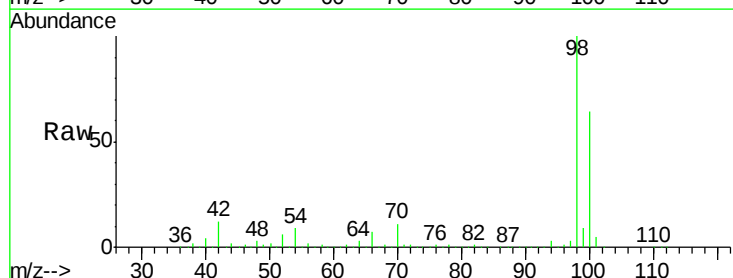
RT: 8.72 min Scan# 1334

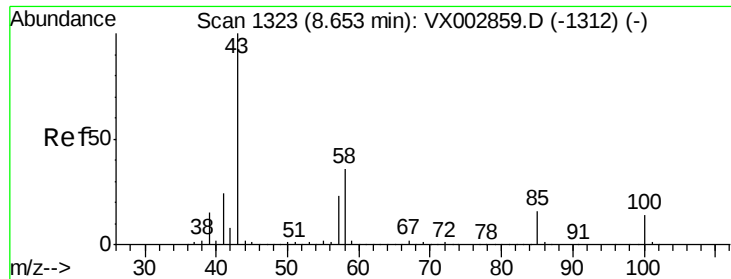
Delta R.T. 0.00 min

Lab File: VX002883.D

Acq: 26 Jun 2018 02:07

Tgt Ion:	98	Resp:	477685
Ion Ratio	Lower	Upper	
98	100		
100	63.9	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 0.71 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX002883.D

Acq: 26 Jun 2018 02:07

Instrument :

MSVOA_X

ClientSampled :

W-39

Tot Ion: 43 Resp: 2995

Ion Ratio Lower Upper

43 100

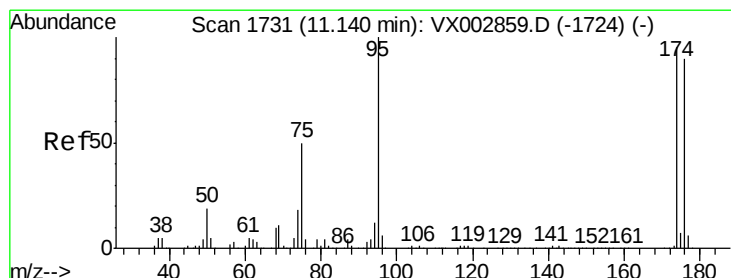
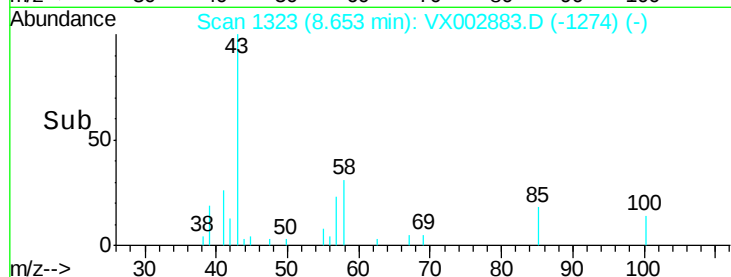
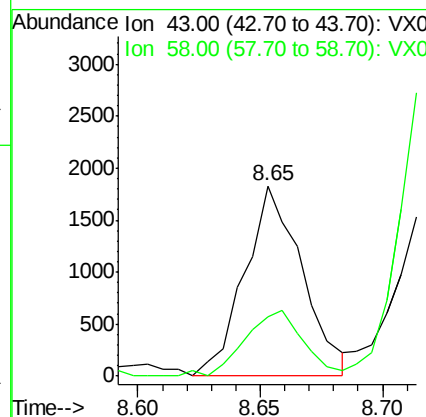
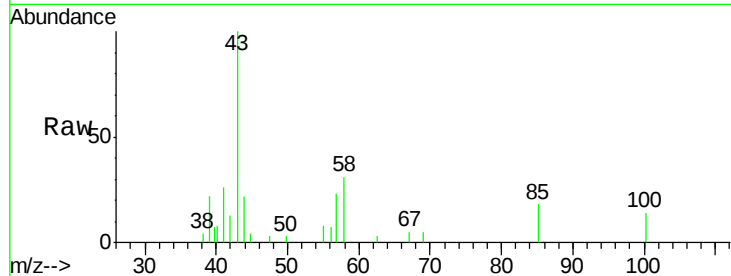
58 35.1 28.6 42.8

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 45.59 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002883.D

Acq: 26 Jun 2018 02:07

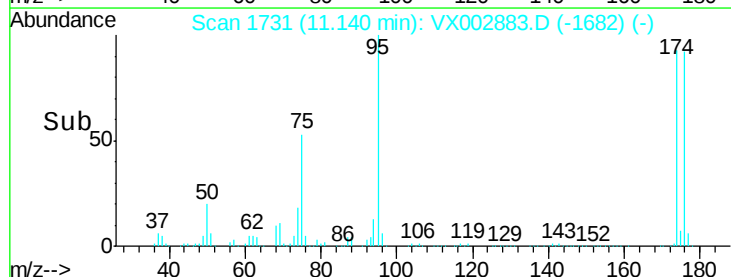
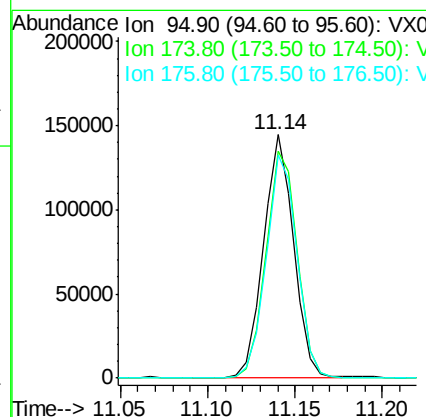
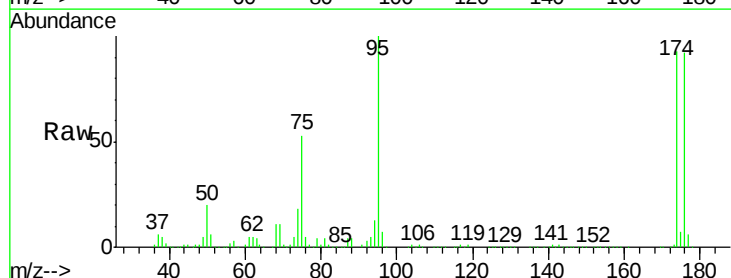
Tgt Ion: 95 Resp: 172827

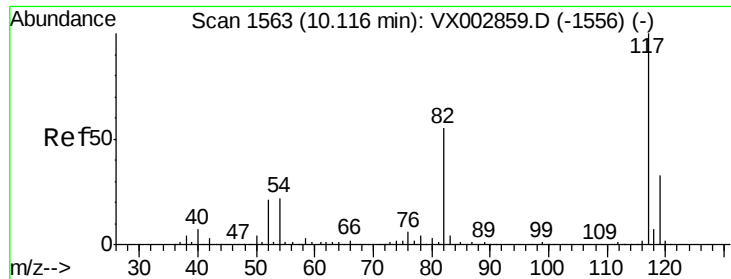
Ion Ratio Lower Upper

95 100

174 97.2 0.0 187.4

176 94.3 0.0 181.0





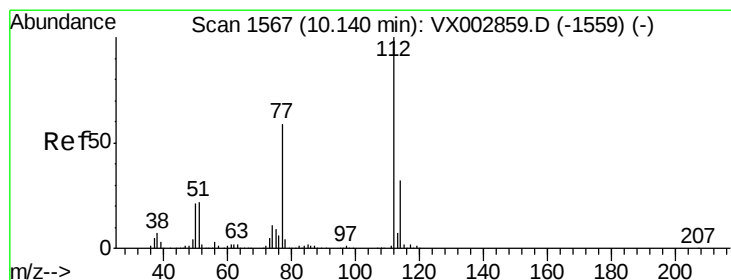
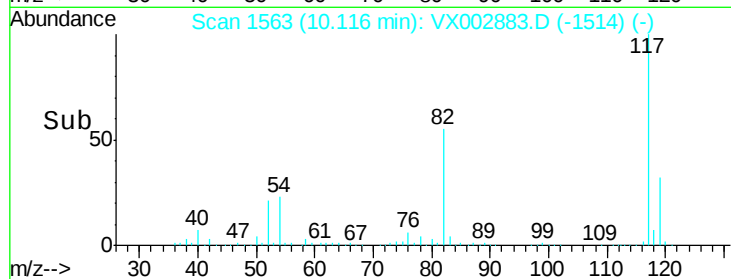
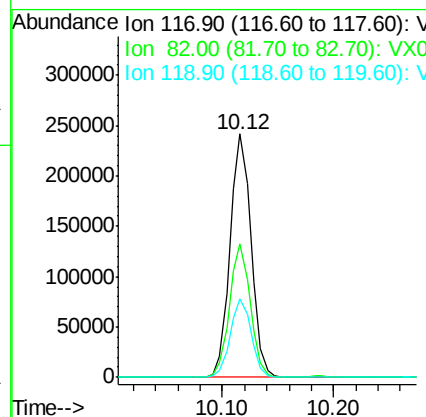
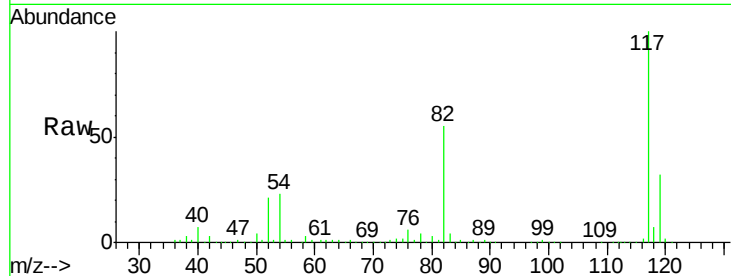
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002883.D
Acq: 26 Jun 2018 02:07

Instrument :
MSVOA_X
ClientSampled :
W-39

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.0	45.0	67.4
119	32.4	25.8	38.6

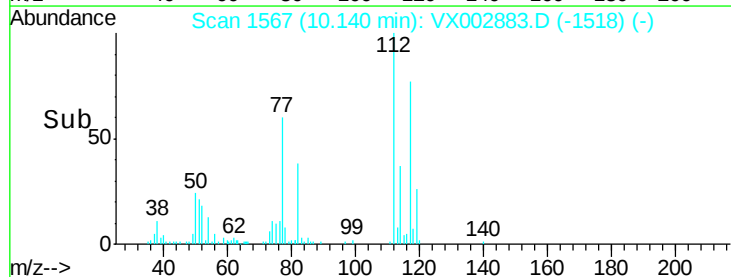
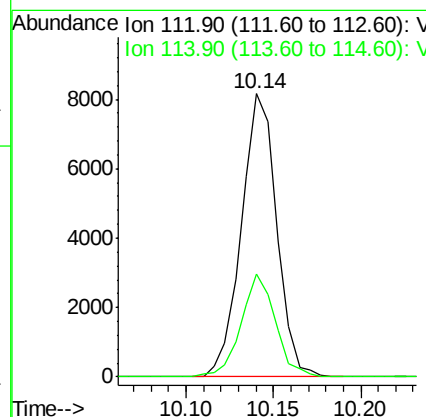
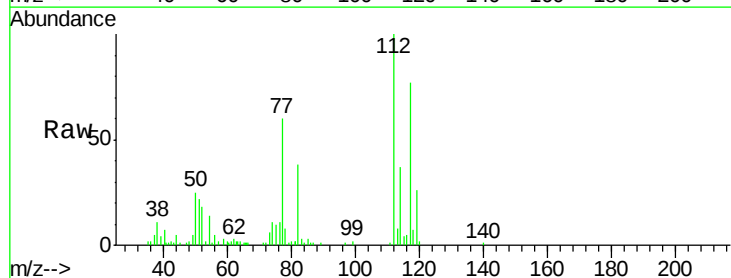
Manual Integrations
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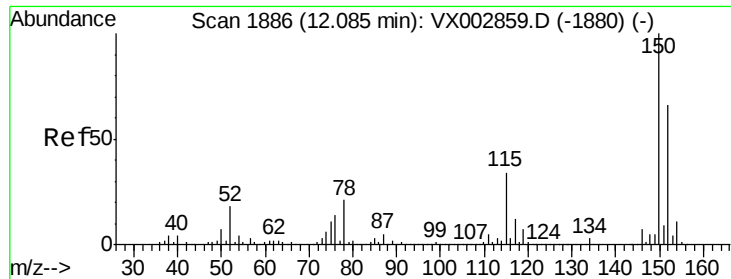
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#65
Chlorobenzene
Concen: 1.42 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX002883.D
Acq: 26 Jun 2018 02:07

Tgt Ion	Ratio	Lower	Upper
112	100		
114	36.5	25.3	37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX002883.D

Acq: 26 Jun 2018 02:07

Instrument :

MSVOA_X

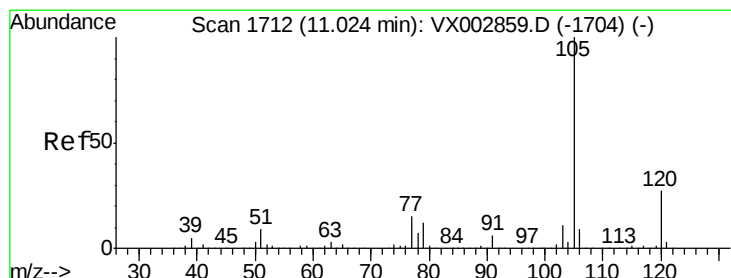
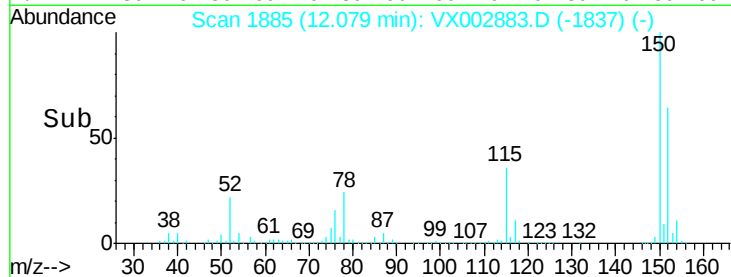
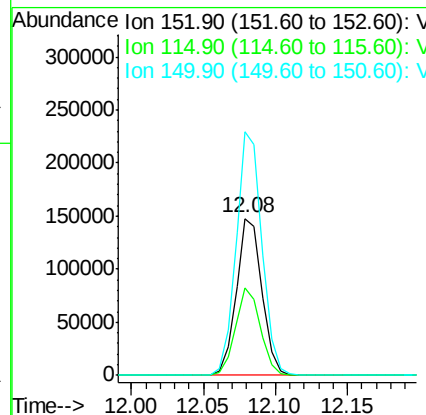
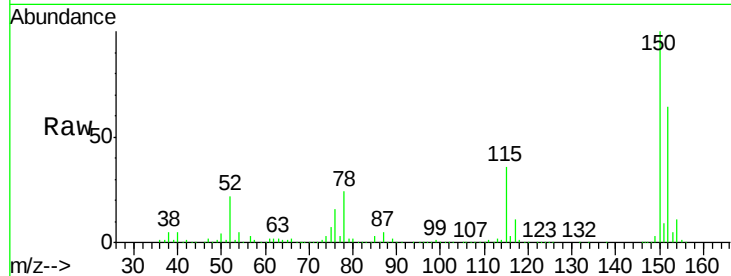
ClientSampled :

W-39

Tot Ion:	152	Resp:	184900
Ion Ratio	Lower	Upper	
152	100		
115	54.3	40.1	120.2
150	155.9	0.0	347.2

Manual Integrations
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#73

Isopropylbenzene

Concen: 1.36 ug/l

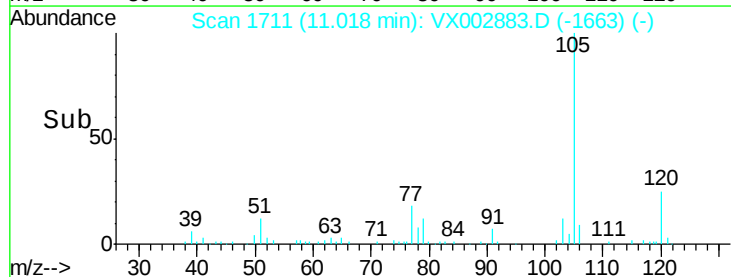
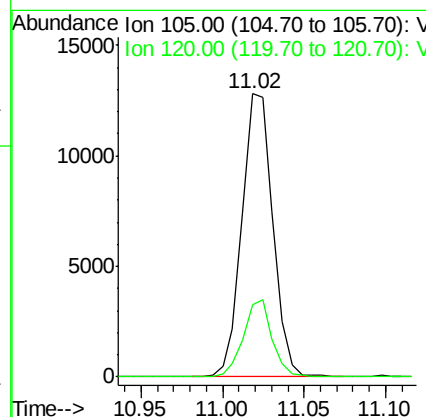
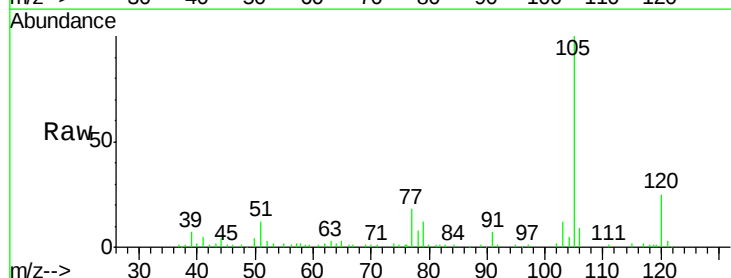
RT: 11.02 min Scan# 1711

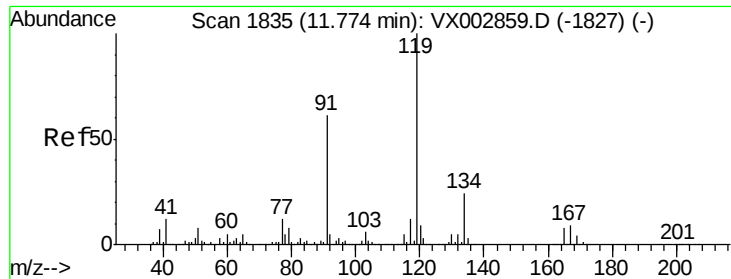
Delta R.T. -0.01 min

Lab File: VX002883.D

Acq: 26 Jun 2018 02:07

Tgt Ion:	105	Resp:	16971
Ion Ratio	Lower	Upper	
105	100		
120	25.1	13.5	40.4





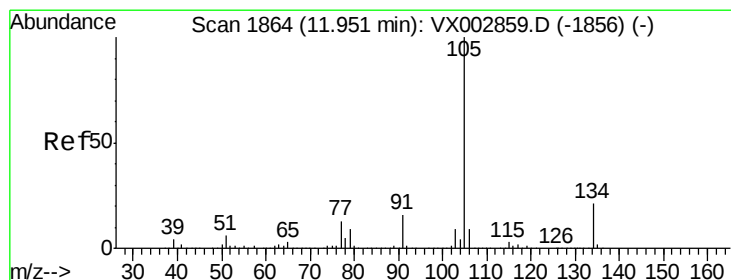
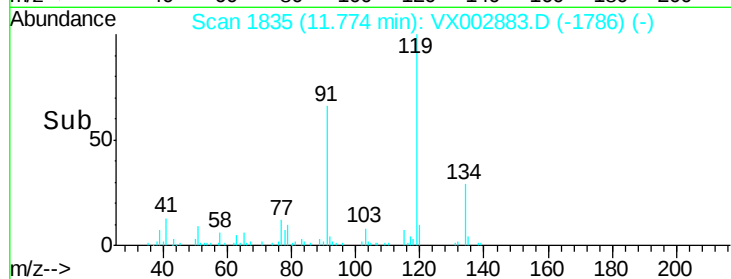
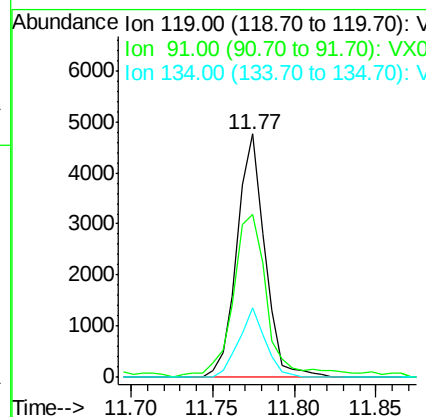
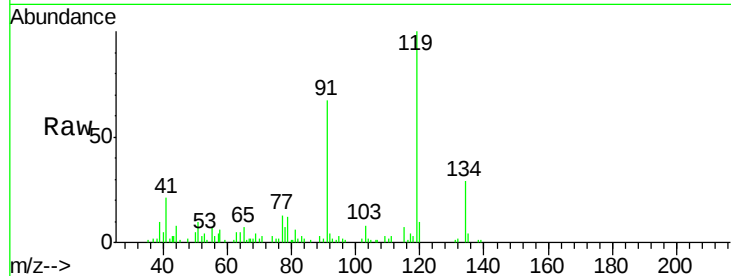
#83
tert-Butylbenzene
Concen: 0.55 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX002883.D
Acq: 26 Jun 2018 02:07

Instrument :
MSVOA_X
ClientSampleId :
W-39

Tot Ion	Ratio	Resp	Lower	Upper
119	100	5685		
91	83.0		30.3	90.9
134	27.2		11.7	35.1

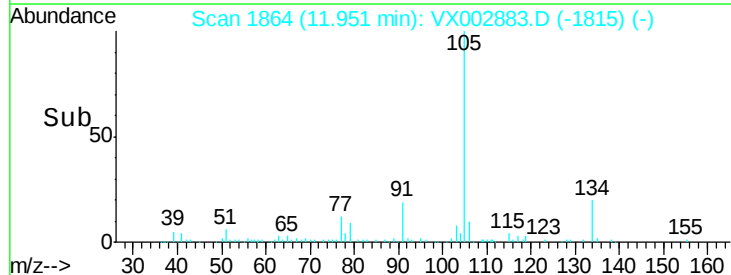
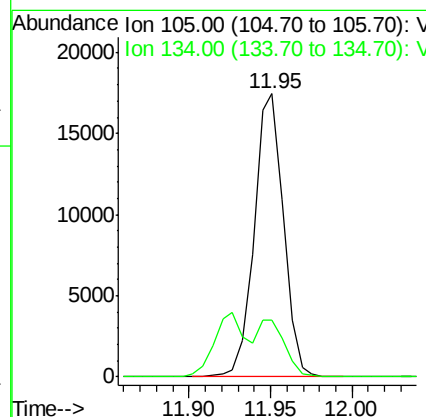
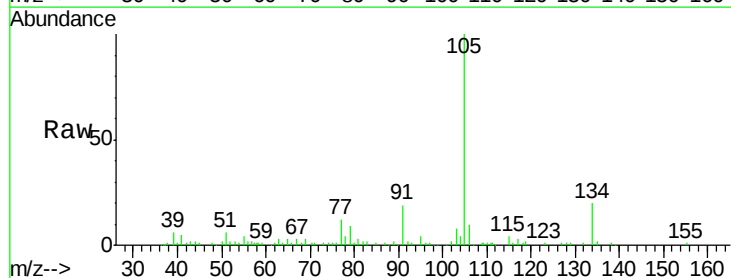
Manual Integrations
APPROVED

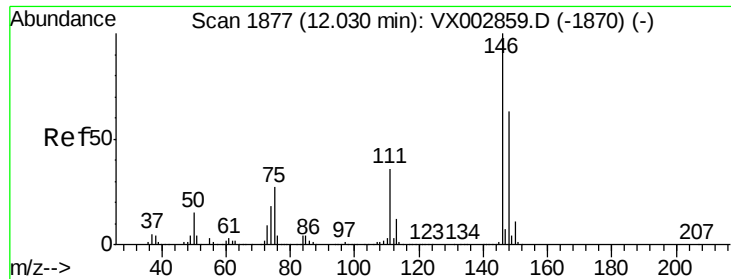
MMDadoda
6/28/2018 2:26:33 PM



#85
sec-Butylbenzene
Concen: 1.74 ug/l
RT: 11.95 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VX002883.D
Acq: 26 Jun 2018 02:07

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	21811		
134	17.9		10.4	31.1





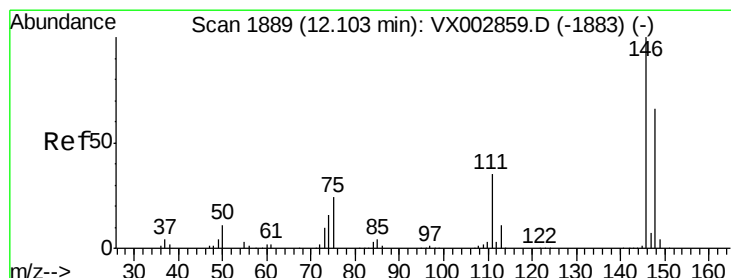
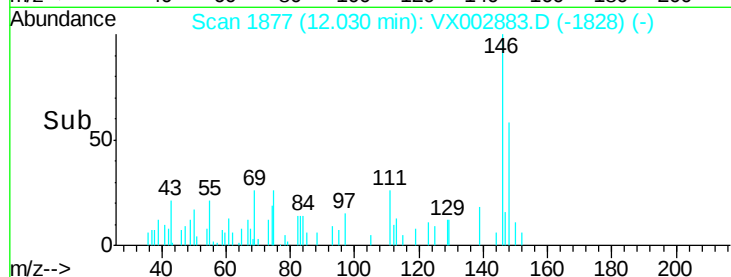
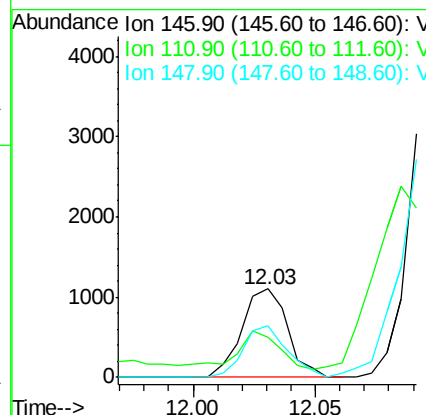
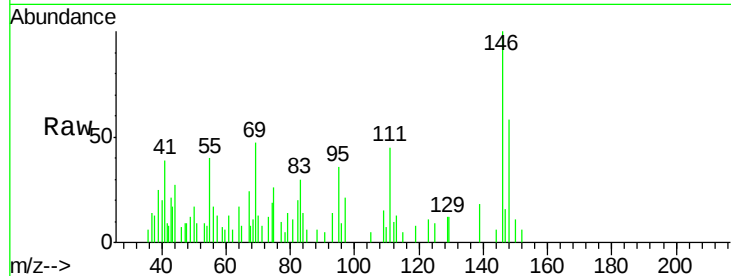
#87
 1,3-Dichlorobenzene
 Concen: 0.22 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX002883.D
 Acq: 26 Jun 2018 02:07

Instrument :
 MSVOA_X
 ClientSampleId :
 W-39

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.3	18.9	56.7
148	56.2	32.1	96.3

Manual Integrations
 APPROVED

MMDadoda
 6/28/2018 2:26:33 PM



#88
 1,4-Dichlorobenzene
 Concen: 1.08 ug/l m
 RT: 12.10 min Scan# 1888
 Delta R.T. -0.01 min
 Lab File: VX002883.D
 Acq: 26 Jun 2018 02:07

Tgt Ion	Ratio	Lower	Upper
146	100		
111	7.8	18.7	56.1#
148	11.1	32.4	97.0#

