

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062718\
 Data File : VX002947.D
 Acq On : 27 Jun 2018 20:02
 Operator : JC/MD
 Sample : J3707-14 25X
 Misc : 5.70g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WP021SB480-25-27-180622

Manual Integrations
 APPROVED

MMDadoda
 6/28/2018 4:47:57 PM

Quant Time: Jul 06 17:42:03 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	276870	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	390890	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	366749	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	217666	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	188239	49.19	ug/l	0.00
Spiked Amount			Recovery	=	98.38%	
35) Dibromofluoromethane	5.51	113	148241	47.89	ug/l	0.00
Spiked Amount			Recovery	=	95.78%	
50) Toluene-d8	8.72	98	553160	48.94	ug/l	0.00
Spiked Amount			Recovery	=	97.88%	
62) 4-Bromofluorobenzene	11.14	95	203660	46.72	ug/l	0.00
Spiked Amount			Recovery	=	93.44%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.40	62	5932	1.89	ug/l #	81
27) cis-1,2-Dichloroethene	4.60	96	315554	94.63	ug/l	84
39) Methylcyclohexane	7.46	83	2900	0.58	ug/l	91
78) n-propylbenzene	11.37	91	6302	0.38	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	19686	1.60	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	45568	3.57	ug/l	98
85) sec-Butylbenzene	11.95	105	6418	0.44	ug/l #	56
86) p-Isopropyltoluene	12.07	119	5447m	0.41	ug/l	
89) n-Butylbenzene	12.39	91	11118	0.96	ug/l #	38
95) Naphthalene	13.84	128	15411	1.03	ug/l	98

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

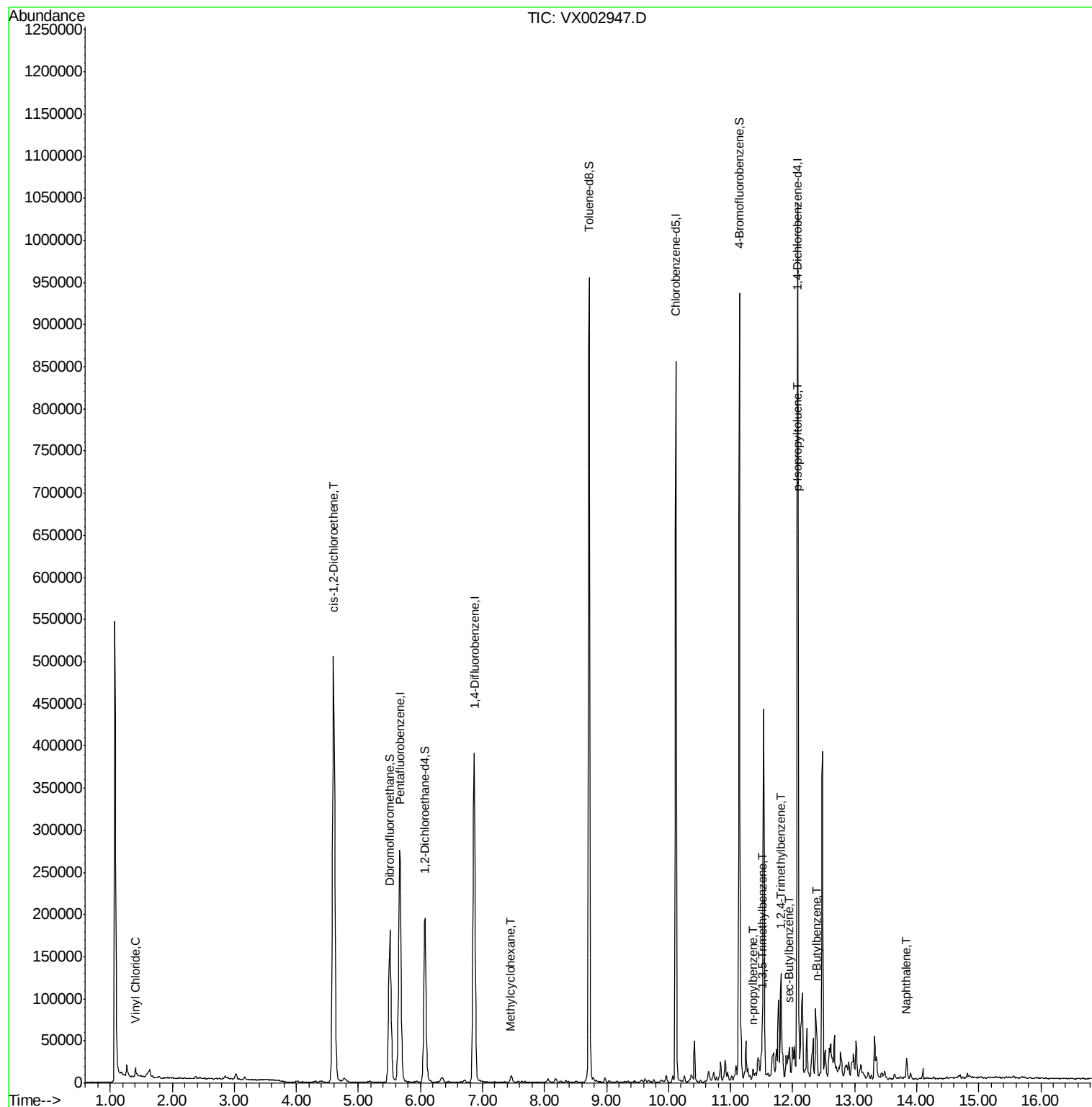
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX062718\
Data File : VX002947.D
Acq On : 27 Jun 2018 20:02
Operator : JC/MD
Sample : J3707-14 25X
Misc : 5.70µ/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 21 Sample Multiplier: 1

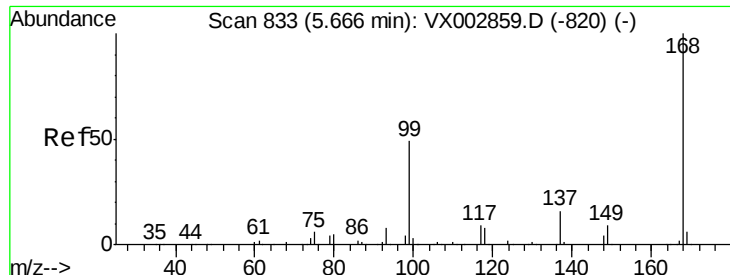
Instrument :
MSVOA_X
ClientSampleId :
WP021SB480-25-27-180622

Manual Integrations
APPROVED

MMDadoda
6/28/2018 4:47:57 PM

Quant Time: Jul 06 17:42:03 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# 833

Delta R.T. 0.00 min

Lab File: VX002947.D

Acq: 27 Jun 2018 20:02

Instrument :

MSVOA_X

ClientSampleId :

WP021SB480-25-27-180622

Tot Ion:168 Resp: 276870

Ion Ratio Lower Upper

168 100

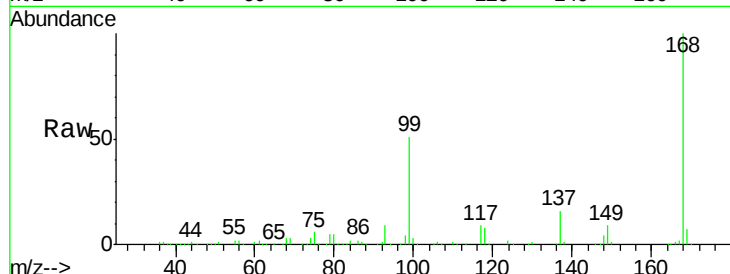
99 51.0 39.3 58.9

Manual Integrations

APPROVED

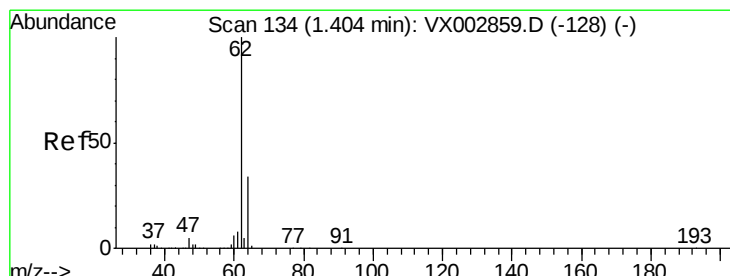
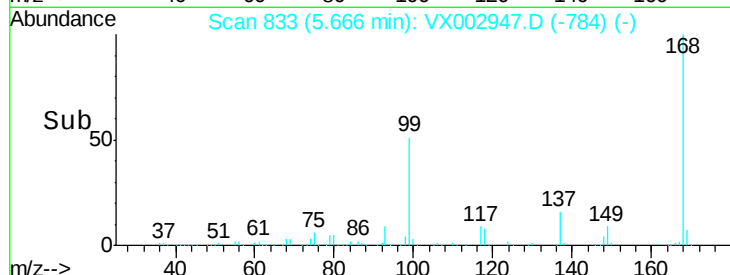
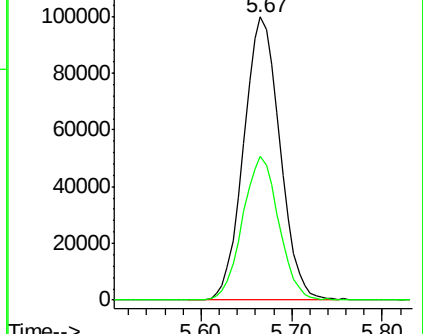
MMDadoda

6/28/2018 4:47:57 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 1.89 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX002947.D

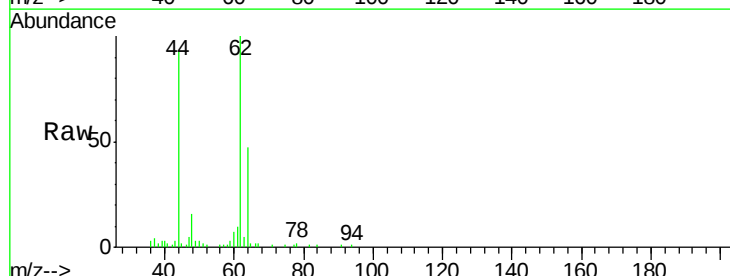
Acq: 27 Jun 2018 20:02

Tgt Ion: 62 Resp: 5932

Ion Ratio Lower Upper

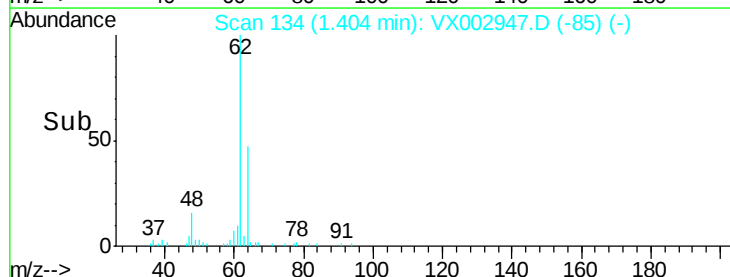
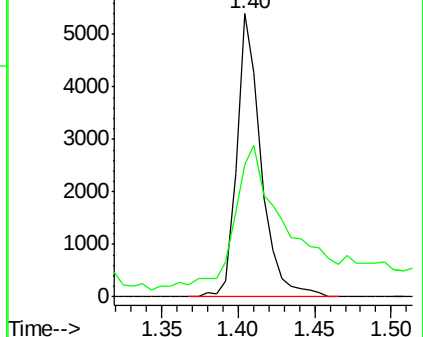
62 100

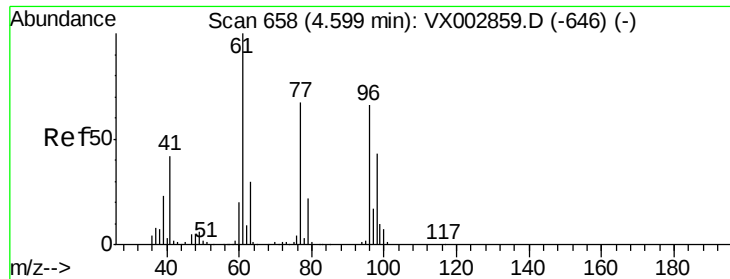
64 42.5 25.4 38.2#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 94.63 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.00 min

Lab File: VX002947.D

Acq: 27 Jun 2018 20:02

Instrument :

MSVOA_X

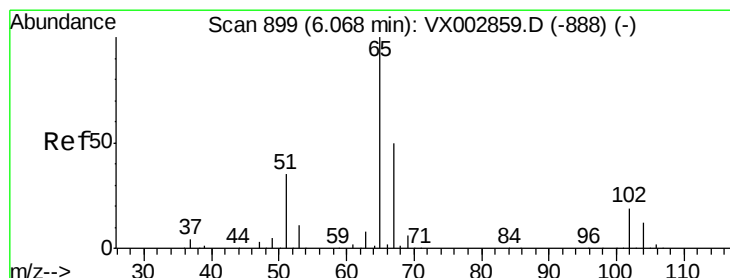
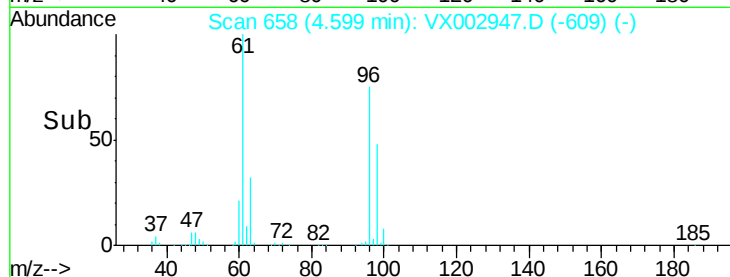
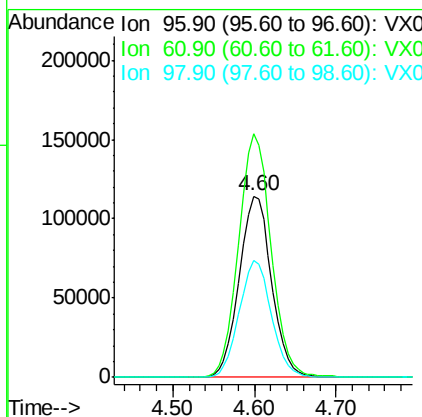
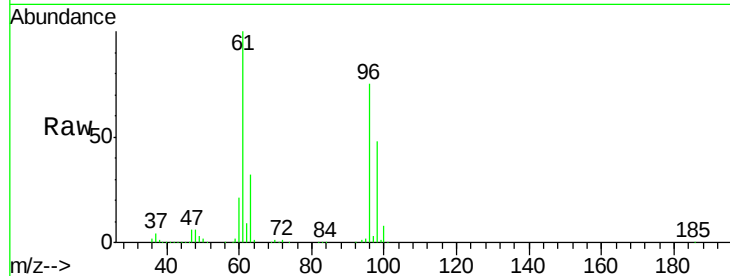
ClientSampleId :

WP021SB480-25-27-180622

Tot Ion:	96	Resp:	31554
Ion	Ratio	Lower	Upper
96	100		
61	135.2	0.0	330.2
98	64.4	0.0	130.2

Manual Integrations
APPROVED

MMDadoda
6/28/2018 4:47:57 PM



#33

1,2-Dichloroethane-d4

Concen: 49.19 ug/l

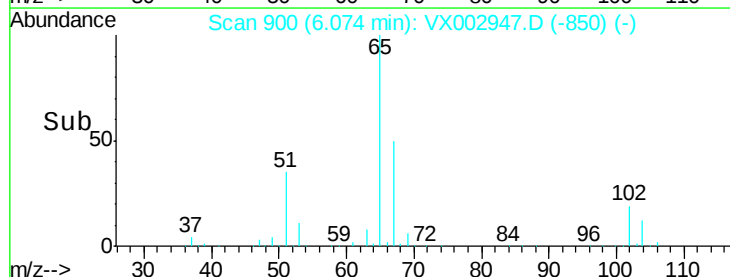
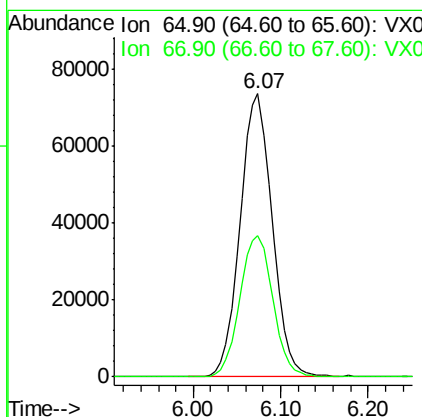
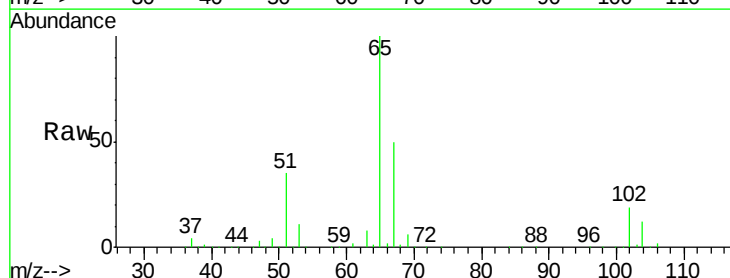
RT: 6.07 min Scan# 900

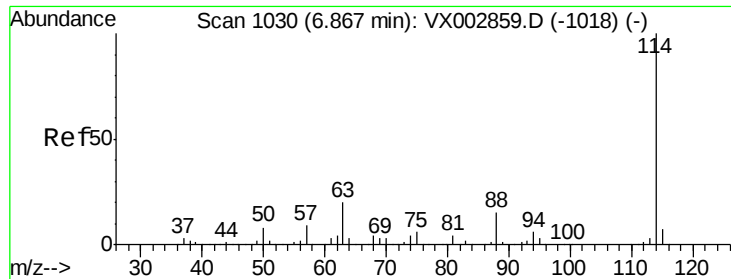
Delta R.T. 0.01 min

Lab File: VX002947.D

Acq: 27 Jun 2018 20:02

Tgt Ion:	65	Resp:	188239
Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	102.6





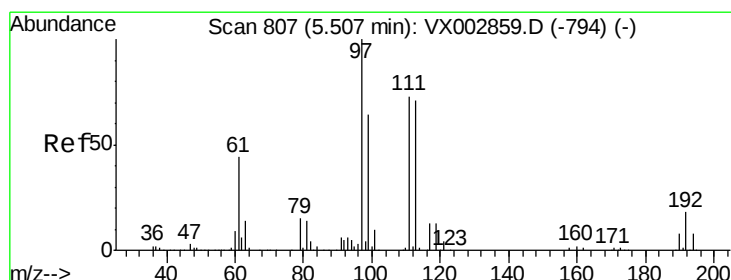
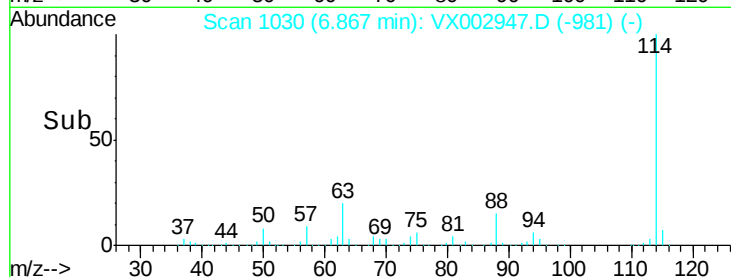
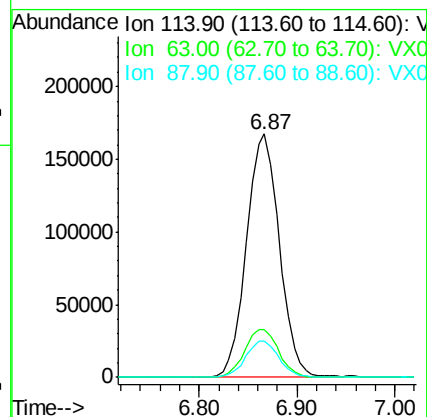
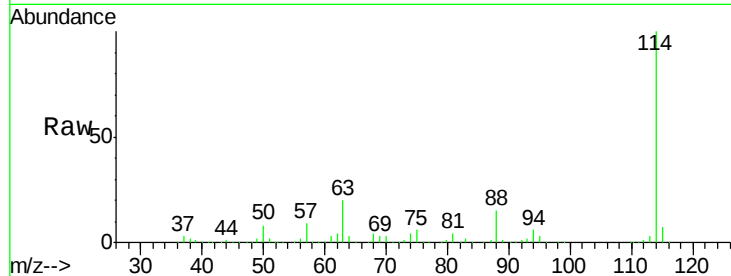
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX002947.D
 Acq: 27 Jun 2018 20:02

Instrument :
 MSVOA_X
 ClientSampleId :
 WP021SB480-25-27-180622

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	19.7	0.0	41.4
88	15.0	0.0	30.0

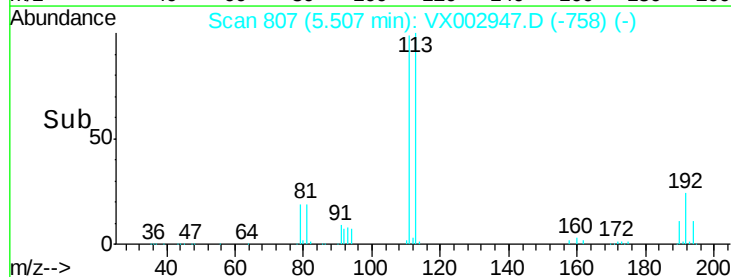
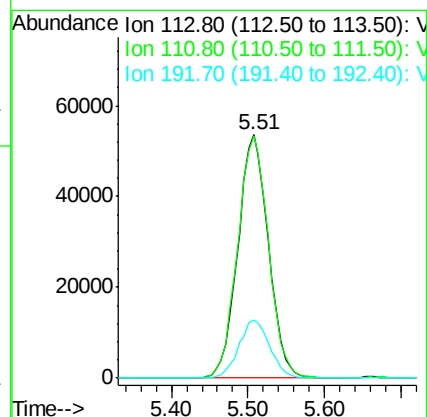
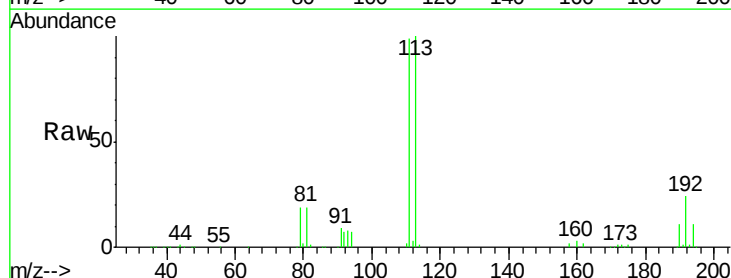
Manual Integrations
 APPROVED

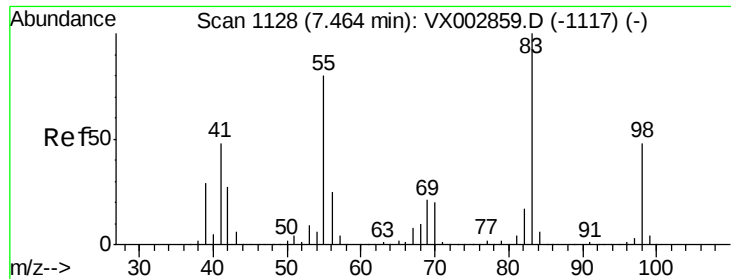
MMDadoda
 6/28/2018 4:47:57 PM



#35
 Dibromofluoromethane
 Concen: 47.89 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX002947.D
 Acq: 27 Jun 2018 20:02

Tgt Ion	Ratio	Resp Lower	Upper
113	100		
111	100.6	81.4	122.0
192	24.1	19.1	28.7





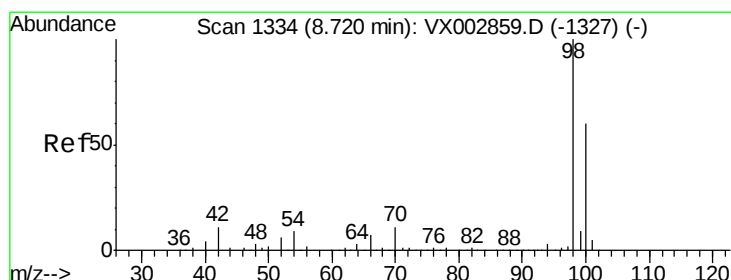
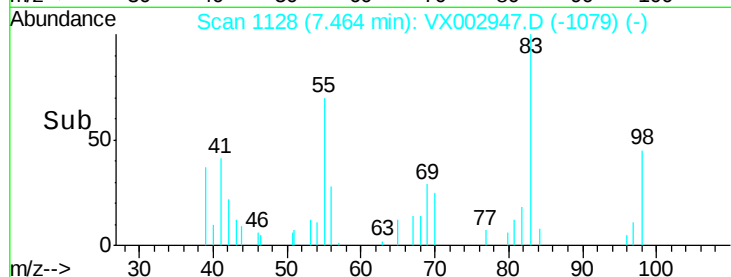
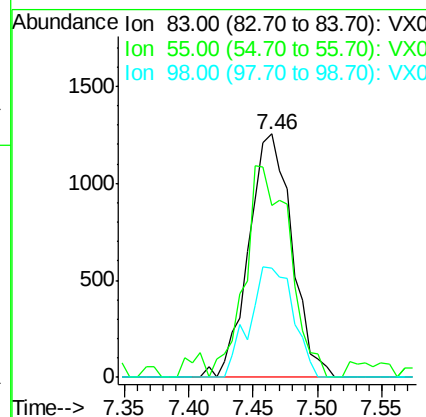
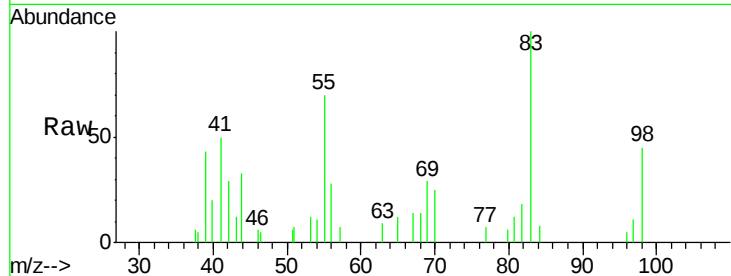
#39
Methvlcvclohexane
Concen: 0.58 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX002947.D
Acq: 27 Jun 2018 20:02

Instrument :
MSVOA_X
ClientSampleId :
WP021SB480-25-27-180622

Tot Ion	Ratio	Lower	Upper
83	100		
55	70.4	65.4	98.0
98	44.7	37.4	56.0

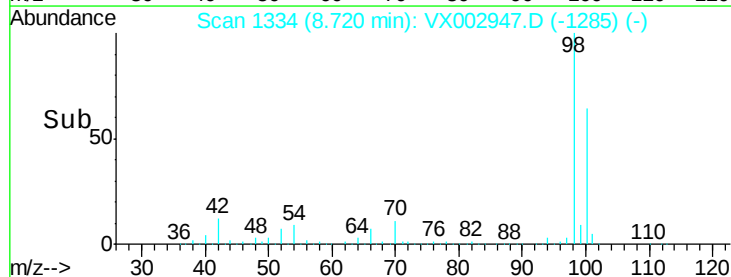
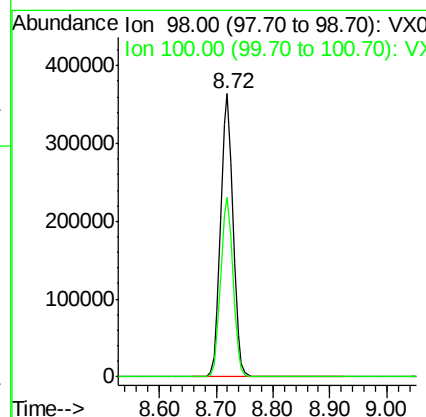
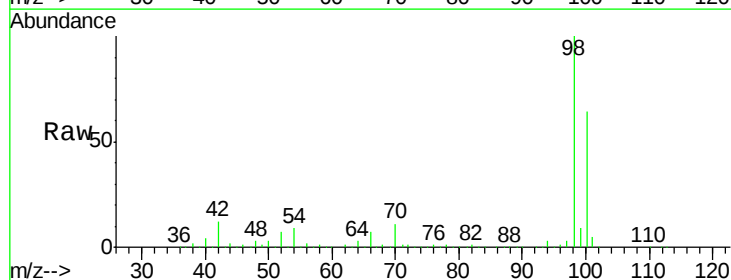
Manual Integrations
APPROVED

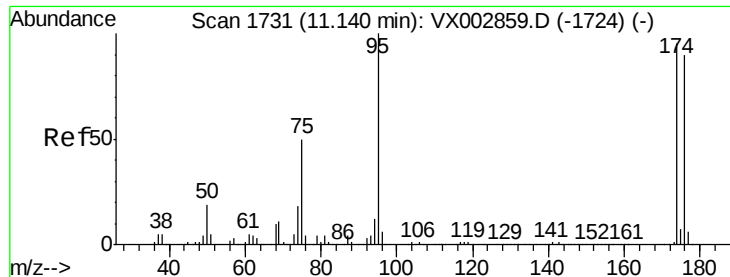
MMDadoda
6/28/2018 4:47:57 PM



#50
Toluene-d8
Concen: 48.94 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002947.D
Acq: 27 Jun 2018 20:02

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.7	50.9	76.3





#62

4-Bromofluorobenzene

Concen: 46.72 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002947.D

Acq: 27 Jun 2018 20:02

Instrument :

MSVOA_X

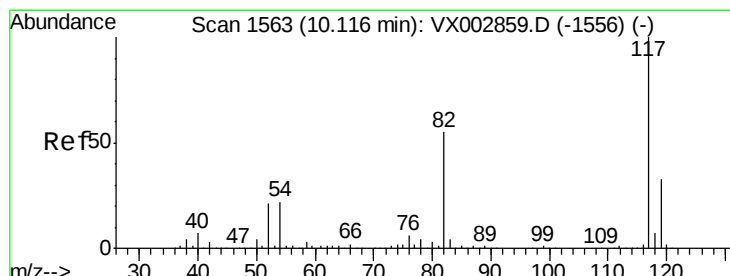
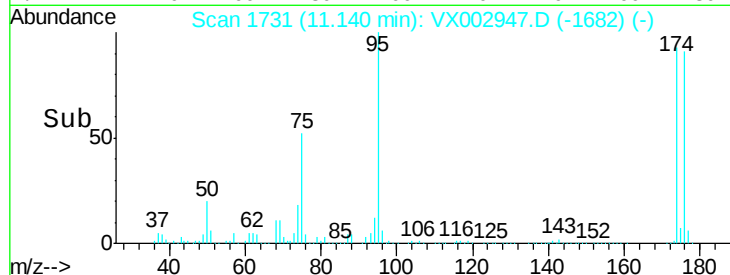
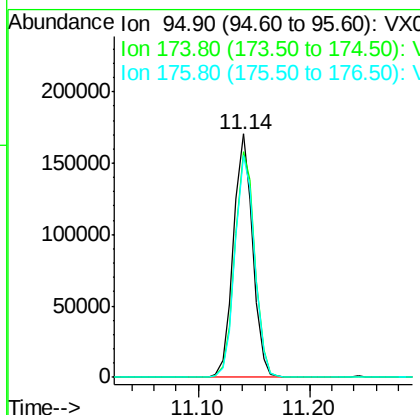
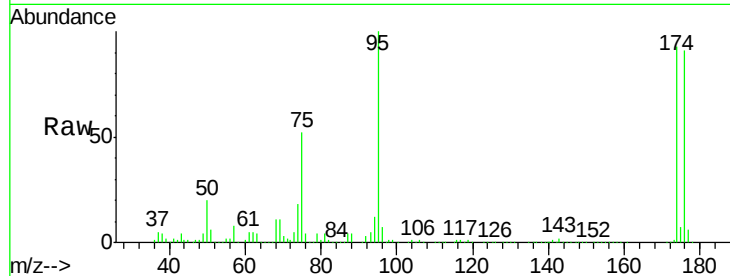
ClientSampleId :

WP021SB480-25-27-180622

Tot Ion	95	Resp	203660
Ion	Ratio	Lower	Upper
95	100		
174	95.8	0.0	187.4
176	93.2	0.0	181.0

Manual Integrations
APPROVED

MMDadoda
6/28/2018 4:47:57 PM



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

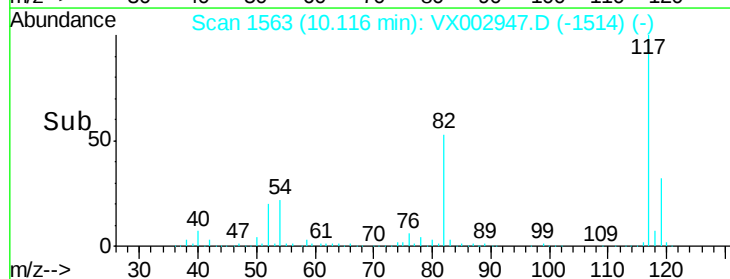
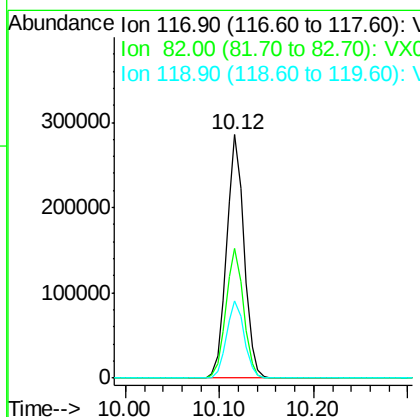
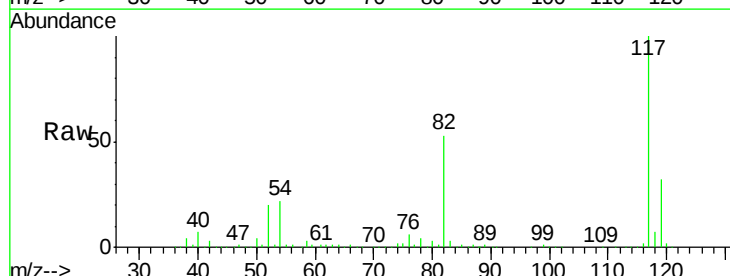
RT: 10.12 min Scan# 1563

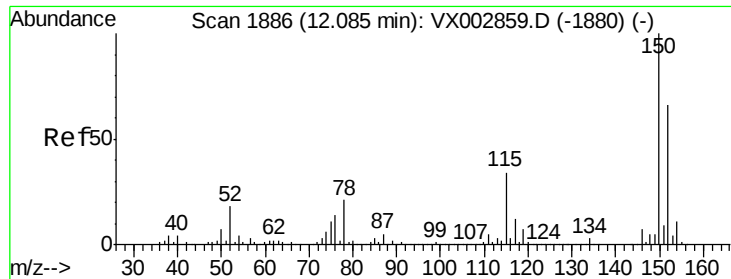
Delta R.T. 0.00 min

Lab File: VX002947.D

Acq: 27 Jun 2018 20:02

Tgt Ion	117	Resp	366749
Ion	Ratio	Lower	Upper
117	100		
82	53.1	45.0	67.4
119	32.0	25.8	38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX002947.D

Acq: 27 Jun 2018 20:02

Instrument :

MSVOA_X

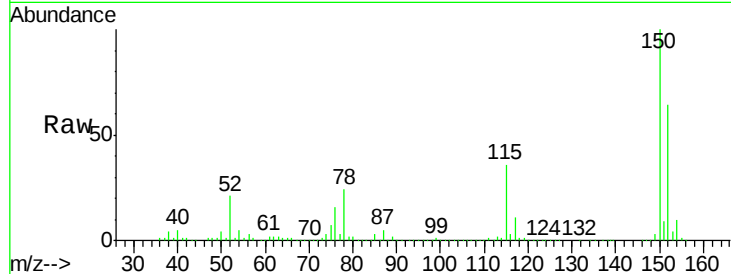
ClientSampleId :

WP021SB480-25-27-180622

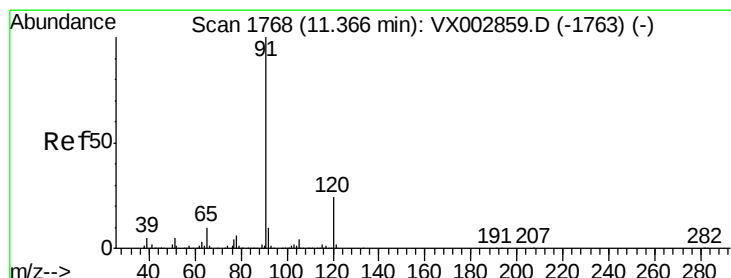
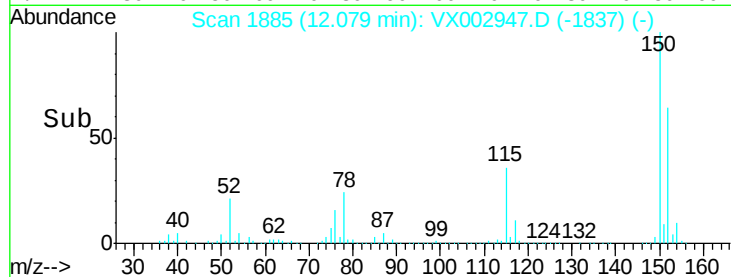
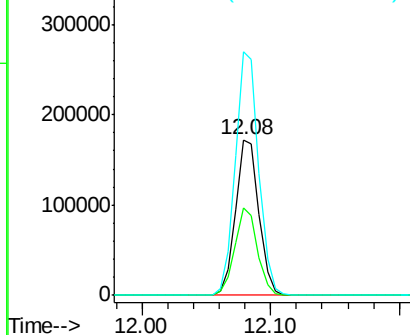
Tot Ion:	152	Resp:	217666
Ion Ratio	Lower	Upper	
152	100		
115	54.6	40.1	120.2
150	156.3	0.0	347.2

Manual Integrations
APPROVED

MMDadoda
6/28/2018 4:47:57 PM



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



#78

n-propylbenzene

Concen: 0.38 ug/l

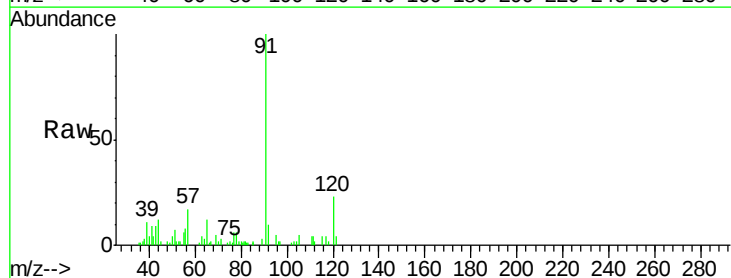
RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

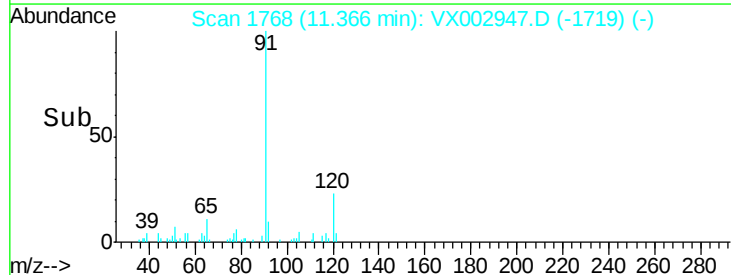
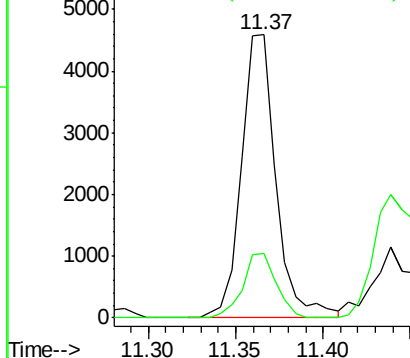
Lab File: VX002947.D

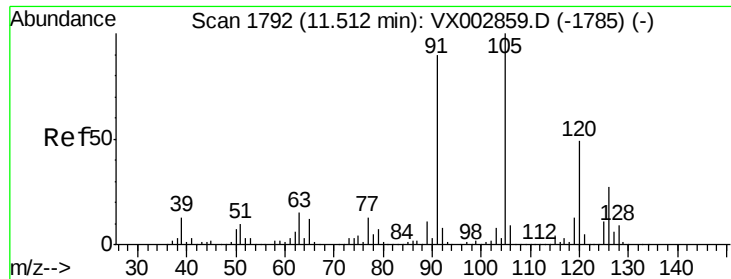
Acq: 27 Jun 2018 20:02

Tgt Ion:	91	Resp:	6302
Ion Ratio	Lower	Upper	
91	100		
120	21.9	11.8	35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 120.00 (119.70 to 120.70): V





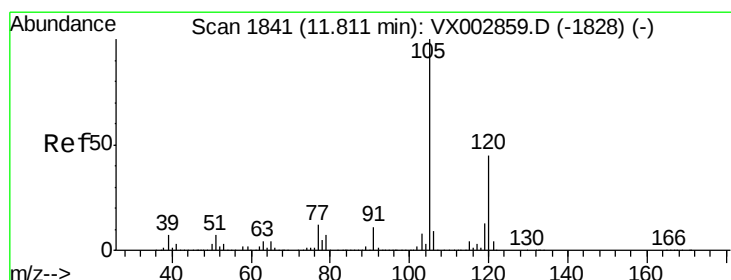
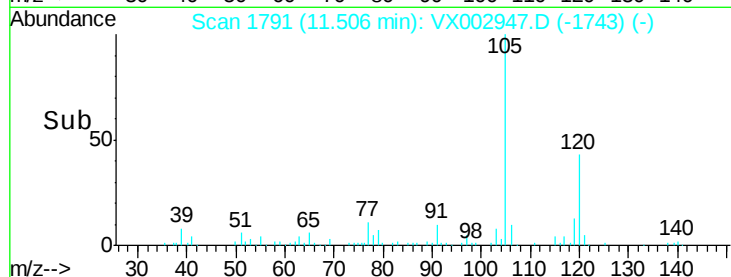
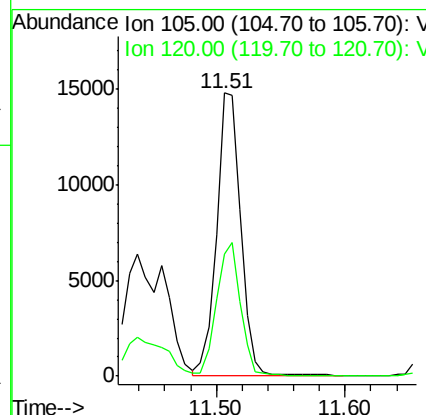
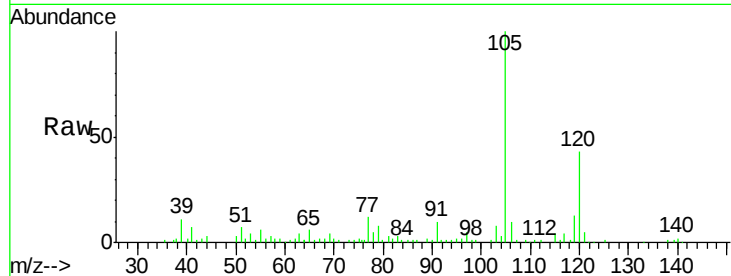
#80
 1,3,5-Trimethylbenzene
 Concen: 1.60 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: VX002947.D
 Acq: 27 Jun 2018 20:02

Instrument :
 MSVOA_X
 ClientSampleId :
 WP021SB480-25-27-180622

Tot Ion:105 Resp: 19686
 Ion Ratio Lower Upper
 105 100
 120 46.5 24.4 73.4

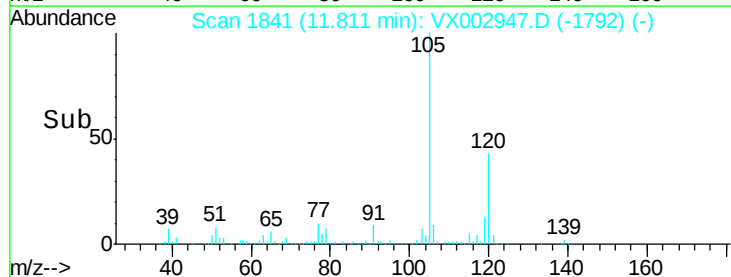
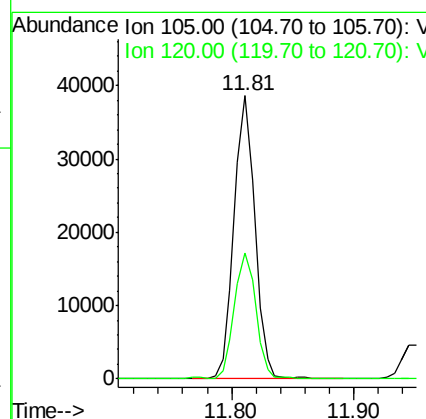
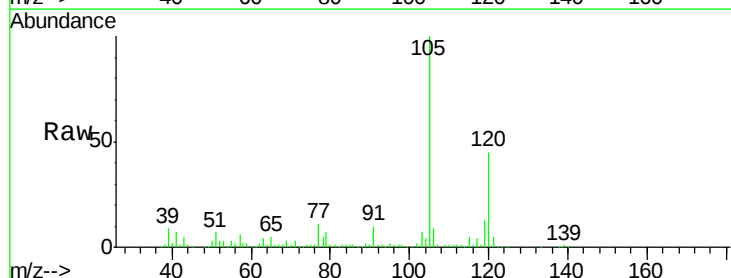
Manual Integrations
 APPROVED

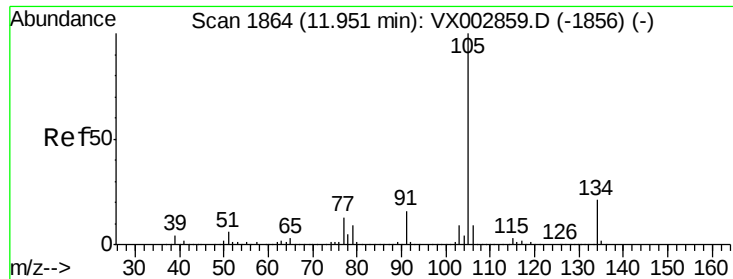
MMDadoda
 6/28/2018 4:47:57 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 3.57 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX002947.D
 Acq: 27 Jun 2018 20:02

Tgt Ion:105 Resp: 45568
 Ion Ratio Lower Upper
 105 100
 120 45.9 22.3 66.8





#85

sec-Butylbenzene

Concen: 0.44 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX002947.D

Acq: 27 Jun 2018 20:02

Instrument :

MSVOA_X

ClientSampleId :

WP021SB480-25-27-180622

Tot Ion:105 Resp: 6418

Ion Ratio Lower Upper

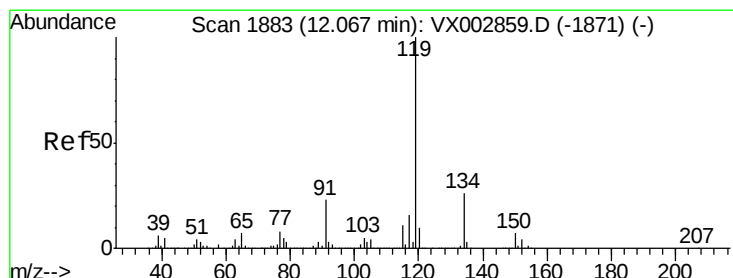
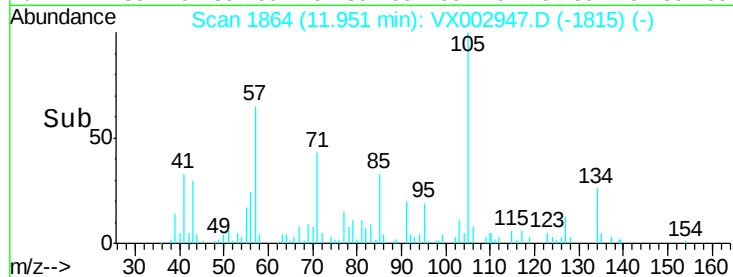
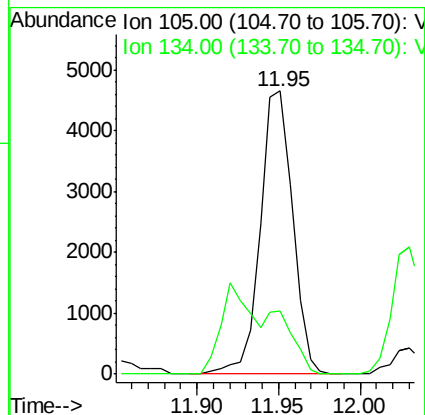
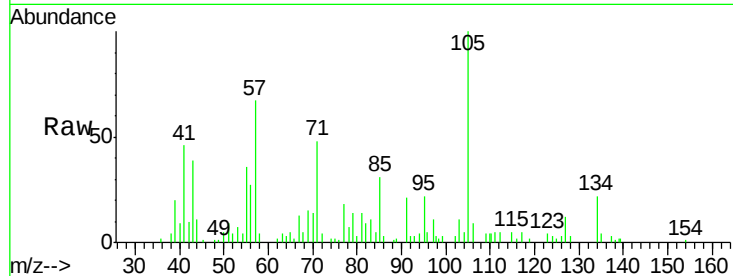
105 100

134 0.0 10.4 31.1#

Manual Integrations
APPROVED

MMDadoda

6/28/2018 4:47:57 PM



#86

p-Isopropyltoluene

Concen: 0.41 ug/l m

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX002947.D

Acq: 27 Jun 2018 20:02

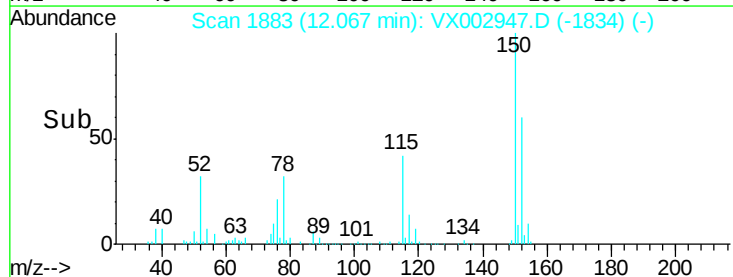
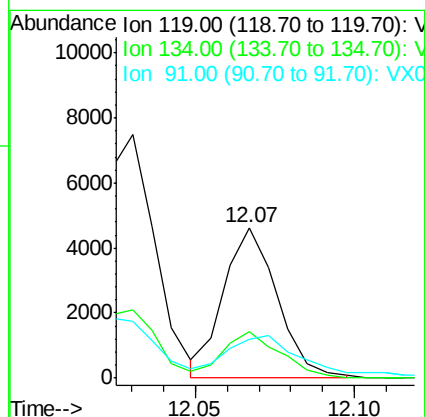
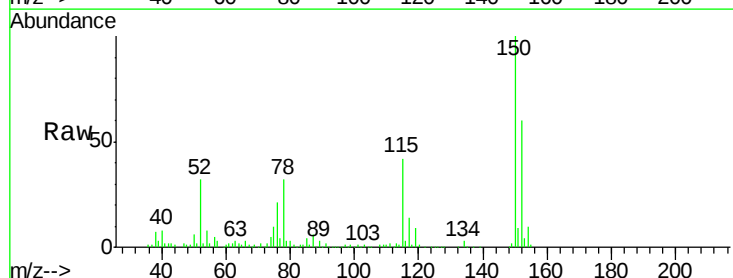
Tgt Ion:119 Resp: 5447

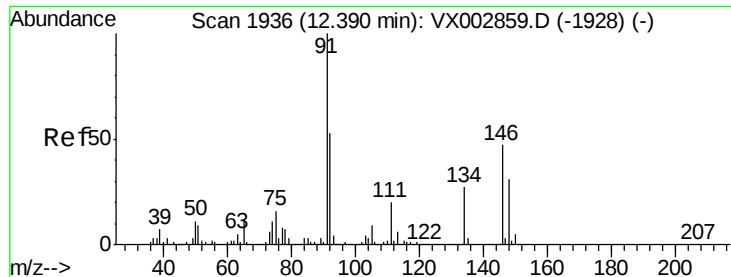
Ion Ratio Lower Upper

119 100

134 49.8 13.4 40.1#

91 49.4 11.9 35.7#





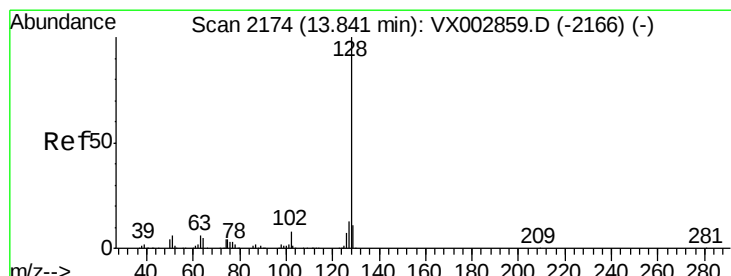
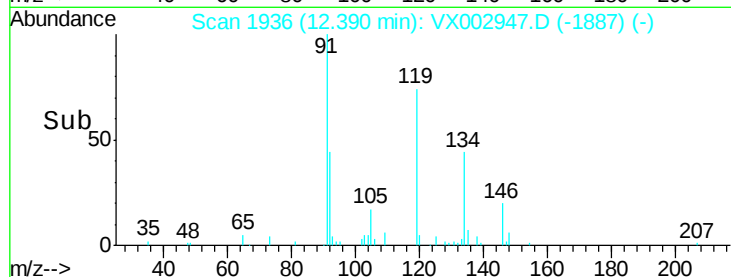
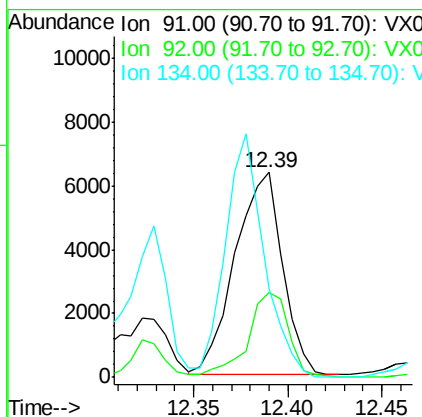
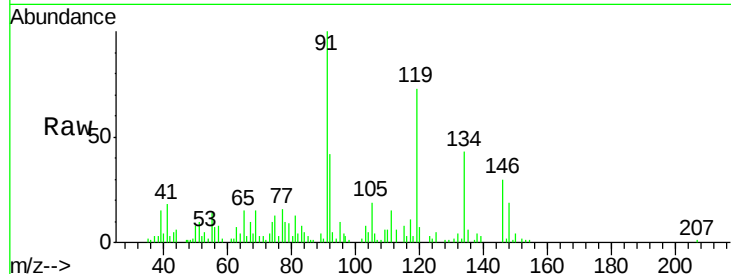
#89
n-Butylbenzene
Concen: 0.96 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX002947.D
Acq: 27 Jun 2018 20:02

Instrument :
MSVOA_X
ClientSampleId :
WP021SB480-25-27-180622

Tot Ion	Ratio	Lower	Upper
91	100		
92	35.8	26.0	78.0
134	98.5	13.5	40.5

Manual Integrations
APPROVED

MMDadoda
6/28/2018 4:47:57 PM



#95
Naphthalene
Concen: 1.03 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX002947.D
Acq: 27 Jun 2018 20:02

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	12.5	8.6	13.0

