

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX032618\
 Data File : VX000453.D
 Acq On : 26 Mar 2018 20:28
 Operator : JC/MD
 Sample : J2056-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 22136-51-2-5-6-7-9

Manual Integrations
 APPROVED

sam
 3/27/2018 5:24:13 PM

Quant Time: Mar 27 09:49:01 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	111003	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	201700	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	190327	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	99769	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	82902	57.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.42%	
35) Dibromofluoromethane	5.51	113	63800	50.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.40%	
50) Toluene-d8	8.73	98	250058	47.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.02%	
62) 4-Bromofluorobenzene	11.15	95	86130	40.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.24%	
Target Compounds						
11) Tert butyl alcohol	3.07	59	15552	31.20	ug/l	97
16) Acetone	2.45	43	51277	42.54	ug/l	99
18) Methyl Acetate	2.79	43	26891	10.64	ug/l	99
25) 2-Butanone	4.71	43	52329	38.62	ug/l	99
40) Benzene	6.16	78	50099	9.13	ug/l	93
52) Toluene	8.79	92	15621	4.07	ug/l	97
68) m/p-Xylenes	10.37	106	3299m	1.17	ug/l	

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

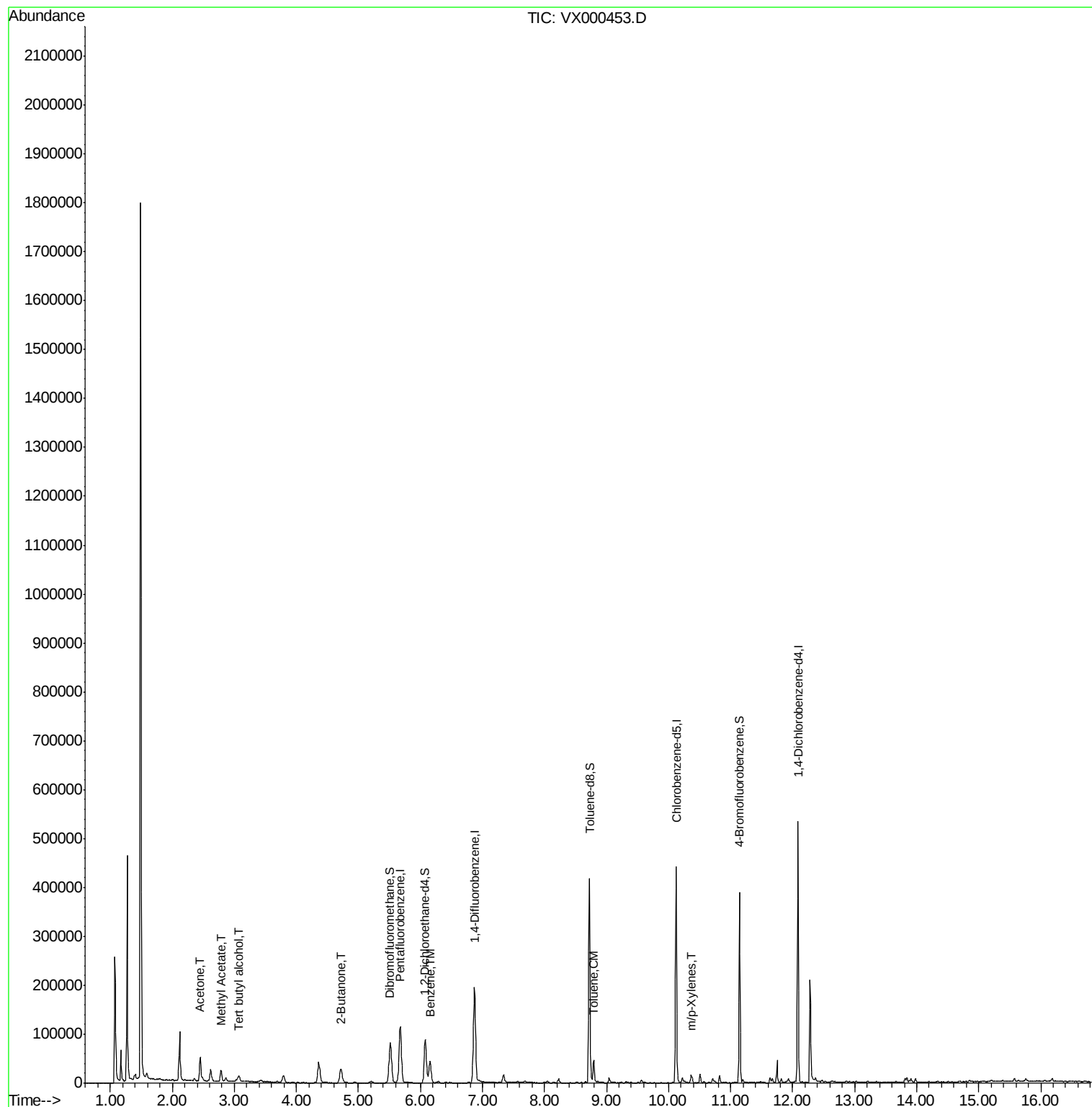
Data Path : W:\HPCHEM1\MSVOA X\DATA\VX032618\
Data File : VX000453.D
Acq On : 26 Mar 2018 20:28
Operator : JC/MD
Sample : J2056-06
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 21 Sample Multiplier: 1

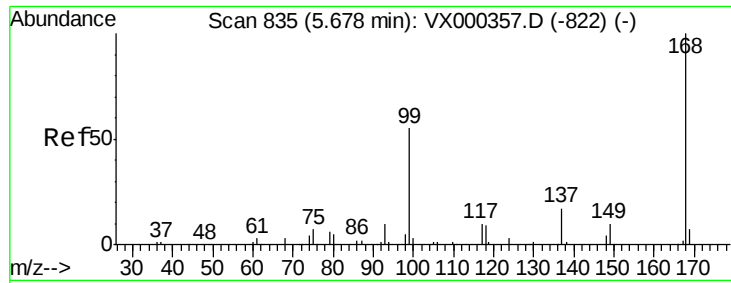
Instrument :
MSVOA_X
ClientSampleId :
22136-51-2-5-6-7-9

Manual Integrations
APPROVED

sam
3/27/2018 5:24:13 PM

Quant Time: Mar 27 09:49:01 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 21 04:52:42 2018
Response via : Initial Calibration





#1

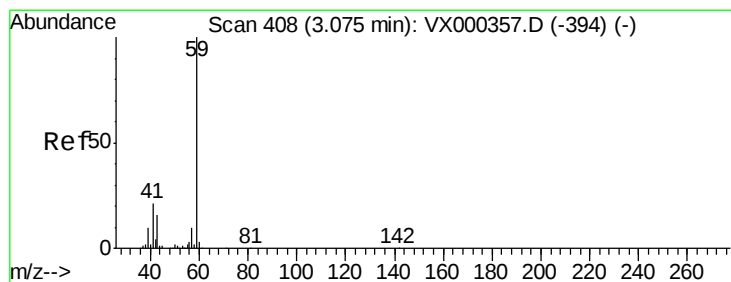
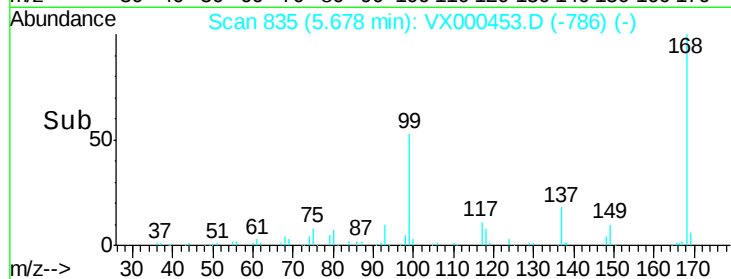
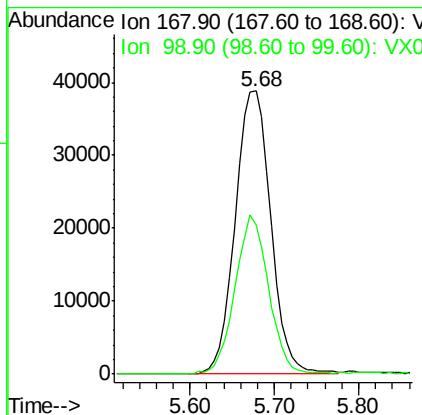
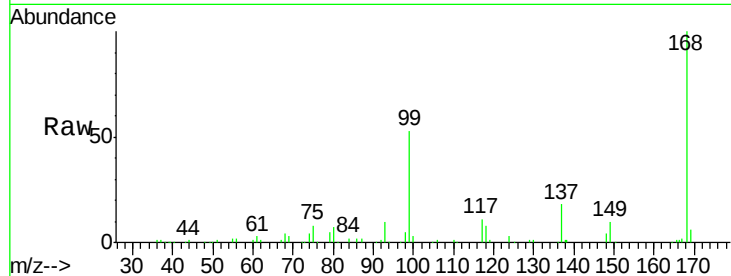
Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 5.68 min Scan# 835
 Delta R.T. 0.00 min
 Lab File: VX000453.D
 Acq: 26 Mar 2018 20:28

Instrument :
 MSVOA_X
 ClientSampleId :
 22136-51-2-5-6-7-9

Tot Ion	Ion	Ratio	Lower	Upper
168	100			
99	52.2	45.8	68.6	

Manual Integrations
 APPROVED

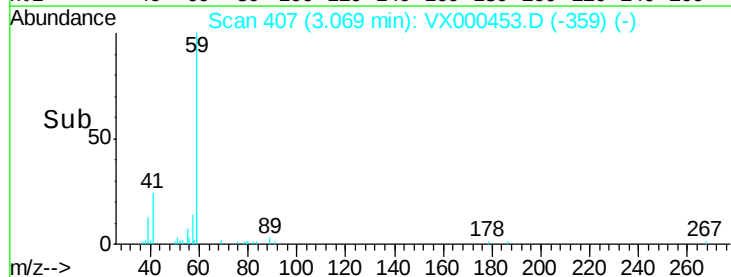
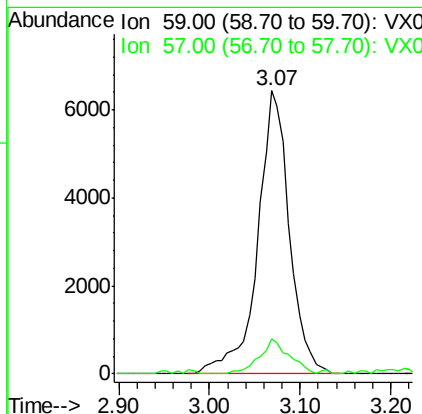
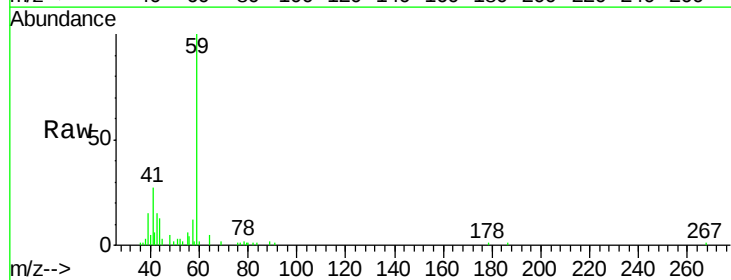
sam
 3/27/2018 5:24:13 PM

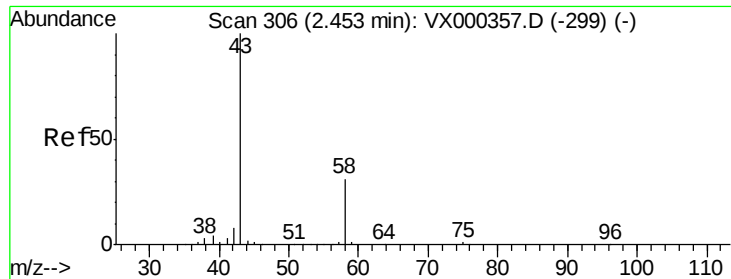


#11

Tert butyl alcohol
 Concen: 31.20 ug/l
 RT: 3.07 min Scan# 407
 Delta R.T. -0.01 min
 Lab File: VX000453.D
 Acq: 26 Mar 2018 20:28

Tgt Ion	Ion	Ratio	Lower	Upper
59	100			
57	11.6	8.4	12.6	





#16

Acetone

Concen: 42.54 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX000453.D

Acq: 26 Mar 2018 20:28

Instrument :

MSVOA_X

ClientSampleId :

22136-51-2-5-6-7-9

Tot Ion: 43 Resp: 51277

Ion Ratio Lower Upper

43 100

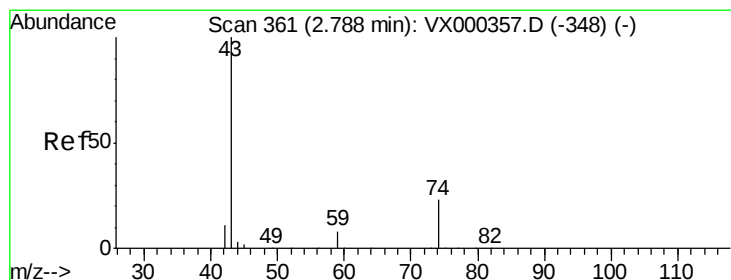
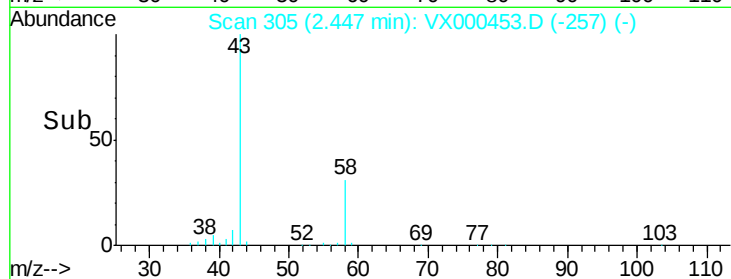
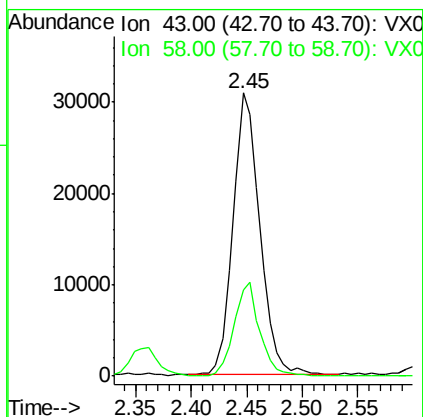
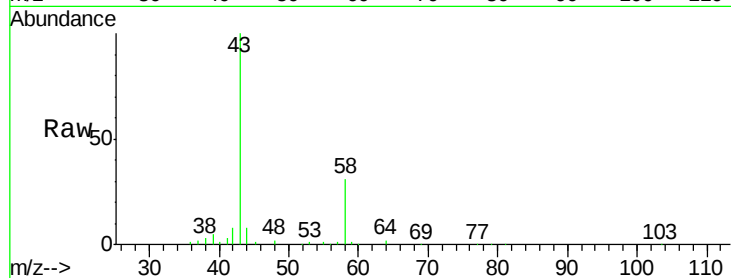
58 30.6 24.7 37.1

Manual Integrations

APPROVED

sam

3/27/2018 5:24:13 PM



#18

Methyl Acetate

Concen: 10.64 ug/l

RT: 2.79 min Scan# 361

Delta R.T. 0.00 min

Lab File: VX000453.D

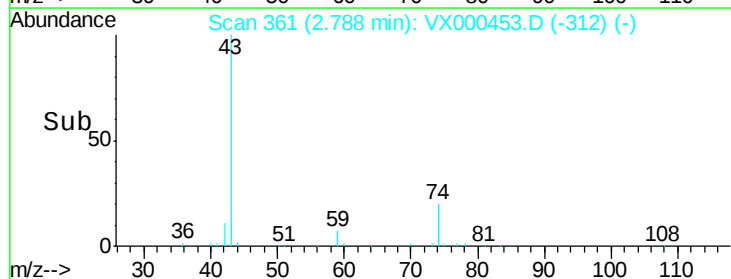
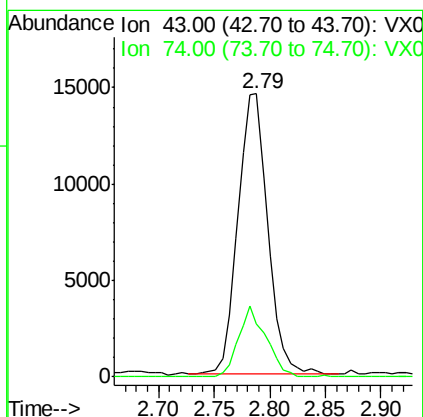
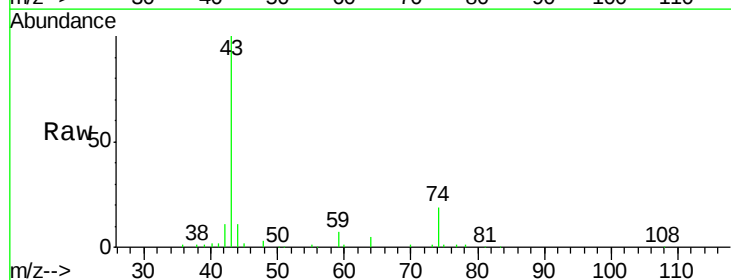
Acq: 26 Mar 2018 20:28

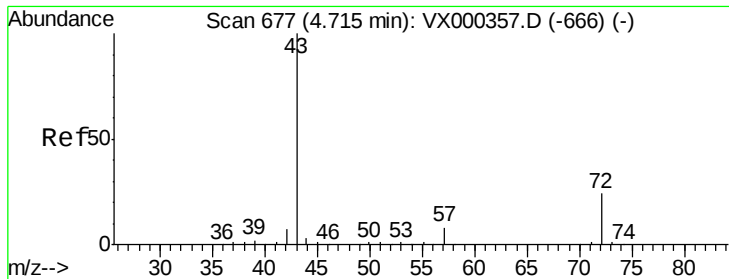
Tgt Ion: 43 Resp: 26891

Ion Ratio Lower Upper

43 100

74 23.6 19.4 29.2





#25

2-Butanone

Concen: 38.62 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.00 min

Lab File: VX000453.D

Acq: 26 Mar 2018 20:28

Instrument :

MSVOA_X

ClientSampleId :

22136-51-2-5-6-7-9

Tot Ion: 43 Resp: 52329

Ion Ratio Lower Upper

43 100

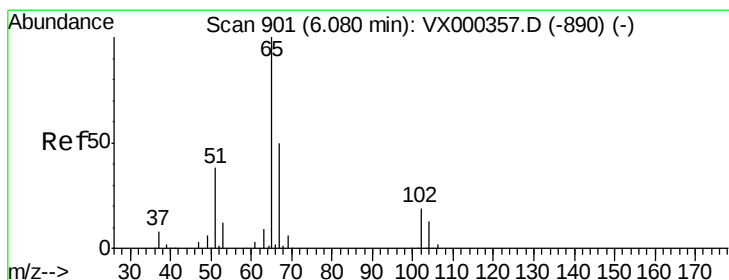
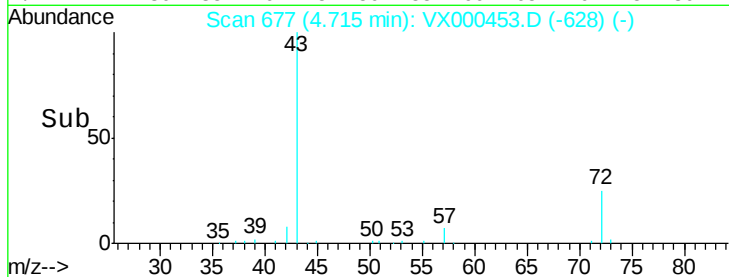
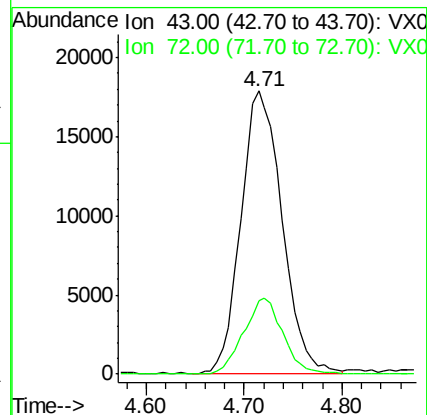
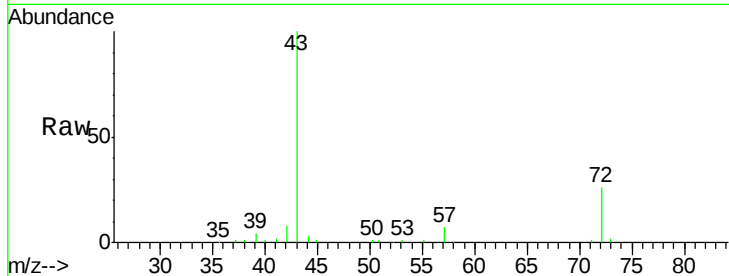
72 25.9 21.0 31.6

Manual Integrations

APPROVED

sam

3/27/2018 5:24:13 PM



#33

1,2-Dichloroethane-d4

Concen: 57.21 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.01 min

Lab File: VX000453.D

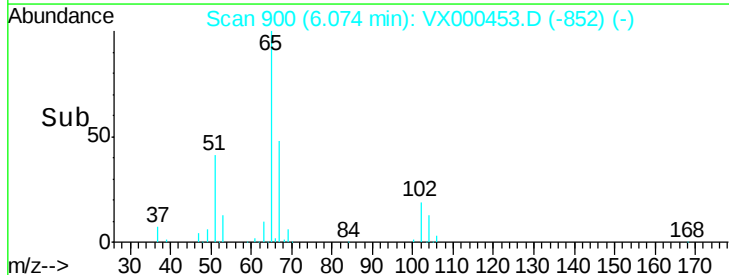
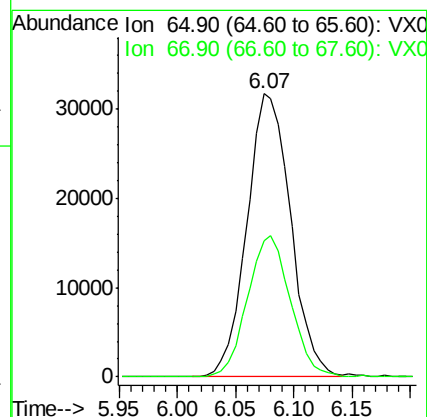
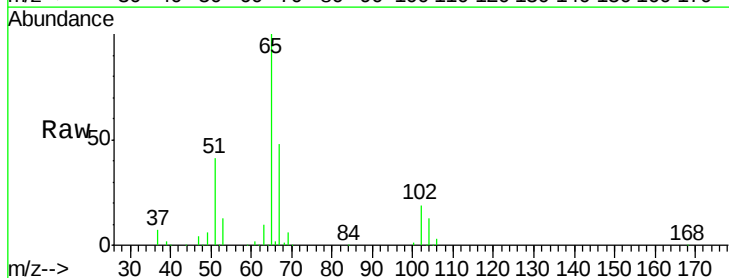
Acq: 26 Mar 2018 20:28

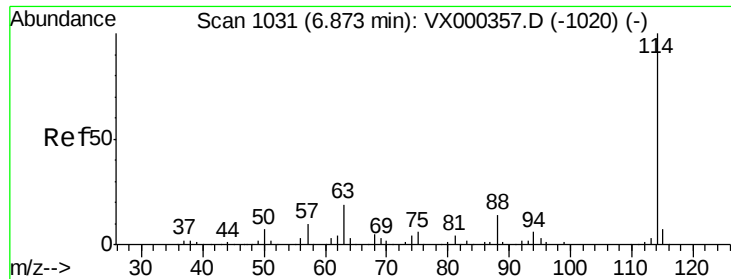
Tgt Ion: 65 Resp: 82902

Ion Ratio Lower Upper

65 100

67 49.0 0.0 103.2





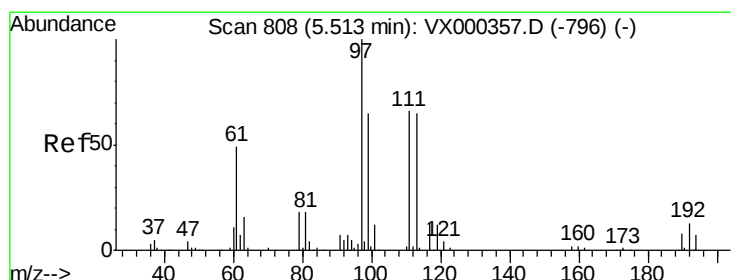
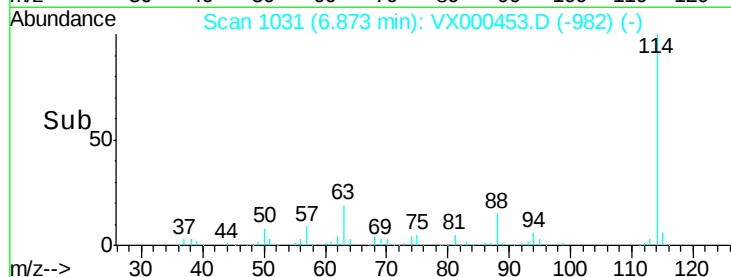
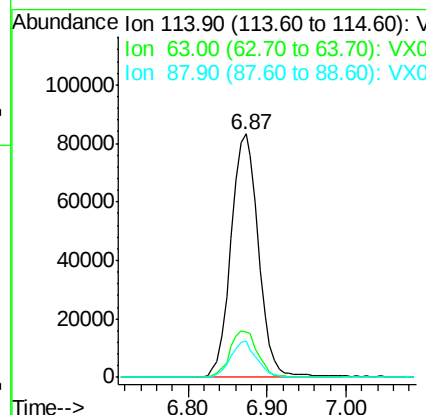
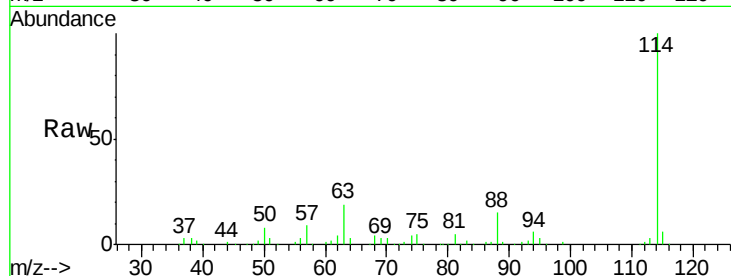
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: VX000453.D
 Acq: 26 Mar 2018 20:28

Instrument :
 MSVOA_X
 ClientSampleId :
 22136-51-2-5-6-7-9

Tot Ion	Ratio	Resp	Lower	Upper
114	100	201700		
63	18.8	0.0	38.4	
88	14.9	0.0	27.0	

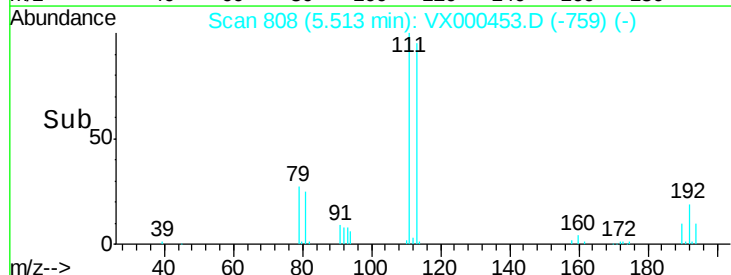
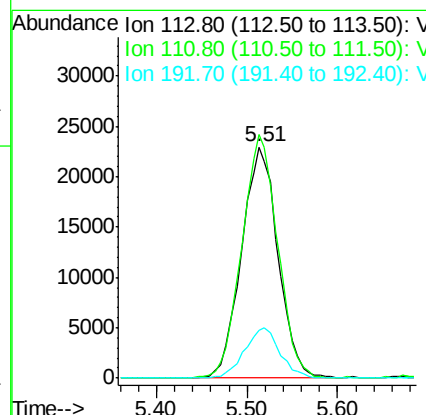
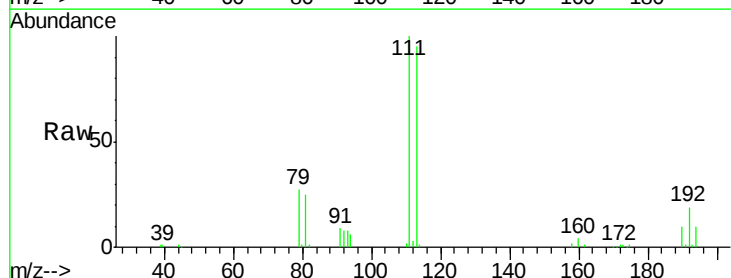
Manual Integrations
 APPROVED

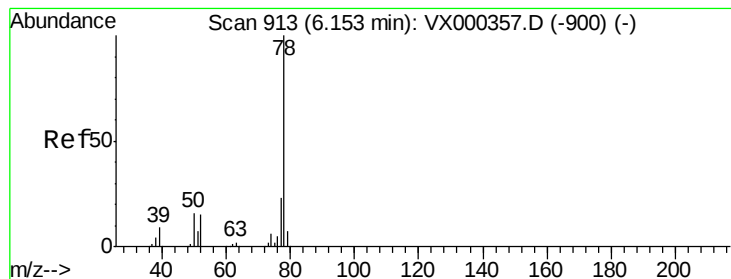
sam
 3/27/2018 5:24:13 PM



#35
 Dibromofluoromethane
 Concen: 50.20 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: VX000453.D
 Acq: 26 Mar 2018 20:28

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	63800		
111	103.7	82.4	123.6	
192	20.9	15.8	23.6	





#40

Benzene

Concen: 9.13 ug/l

RT: 6.16 min Scan# 914

Delta R.T. 0.01 min

Lab File: VX000453.D

Acq: 26 Mar 2018 20:28

Instrument :

MSVOA_X

ClientSampleId :

22136-51-2-5-6-7-9

Tot Ion: 78 Resp: 50099

Ion Ratio Lower Upper

78 100

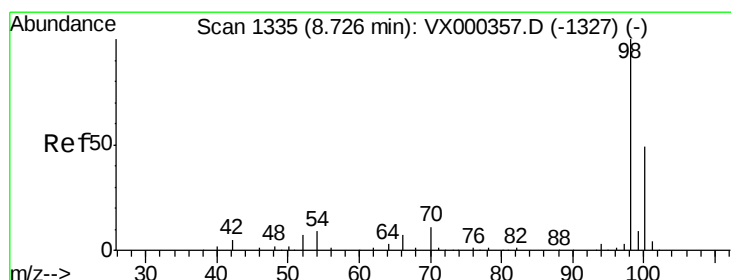
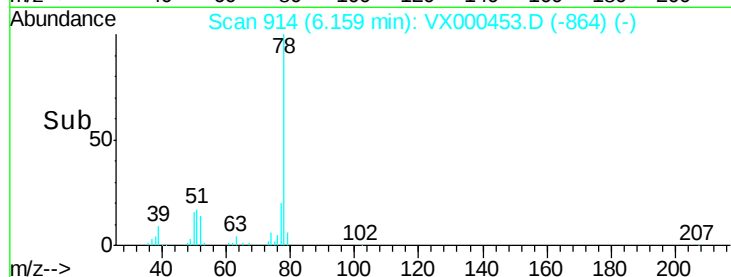
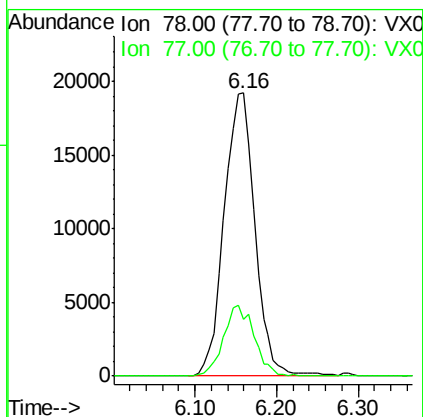
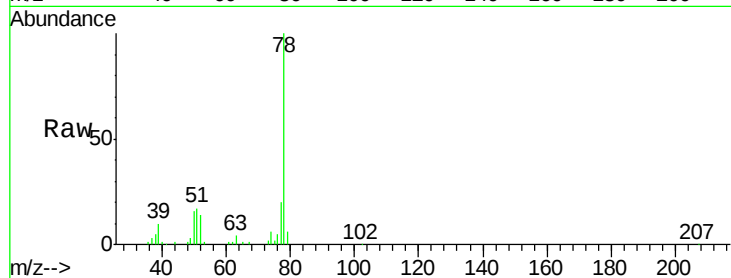
77 20.0 18.7 28.1

Manual Integrations

APPROVED

sam

3/27/2018 5:24:13 PM



#50

Toluene-d8

Concen: 47.51 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. 0.00 min

Lab File: VX000453.D

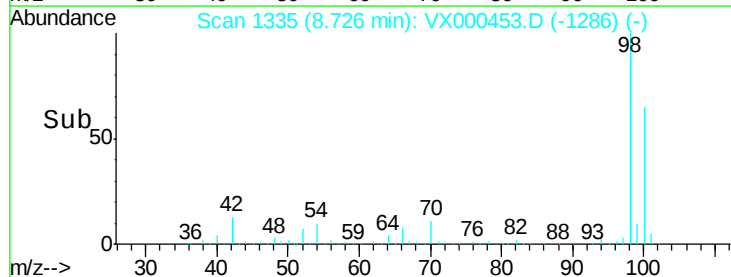
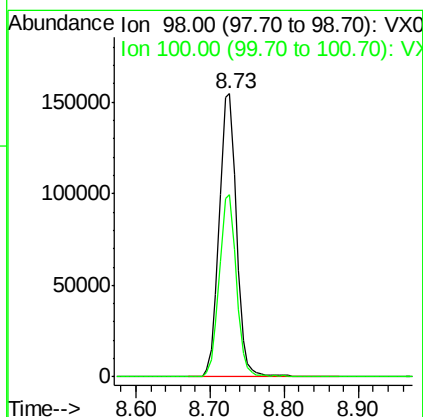
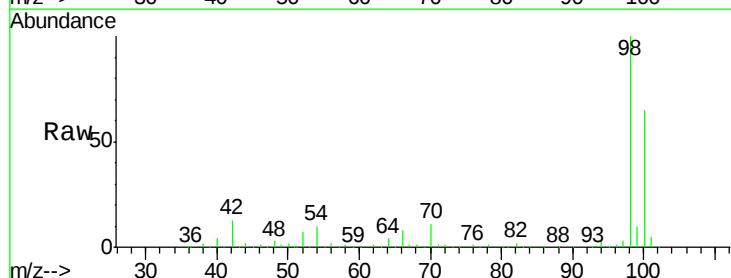
Acq: 26 Mar 2018 20:28

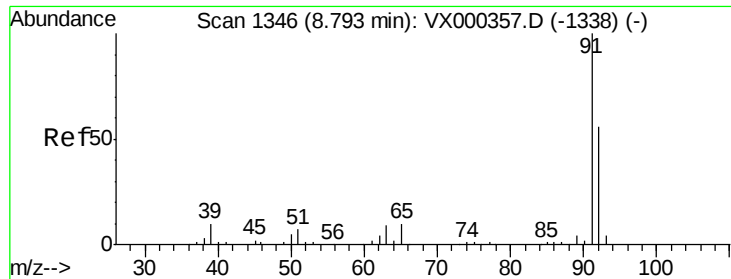
Tgt Ion: 98 Resp: 250058

Ion Ratio Lower Upper

98 100

100 63.4 51.2 76.8





#52

Toluene

Concen: 4.07 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX000453.D

Acq: 26 Mar 2018 20:28

Instrument :

MSVOA_X

ClientSampleId :

22136-51-2-5-6-7-9

Tot Ion: 92 Resp: 15621

Ion Ratio Lower Upper

92 100

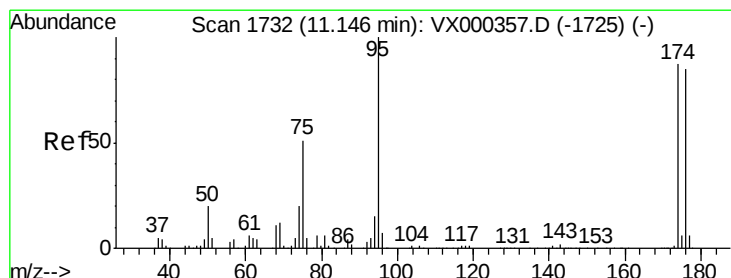
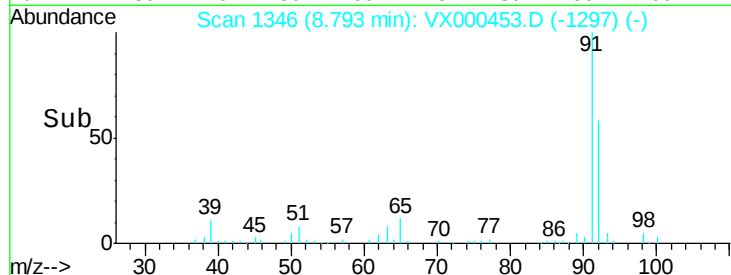
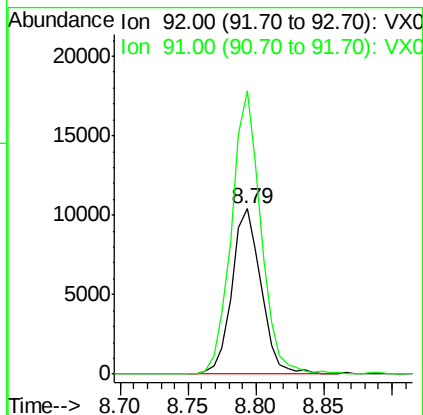
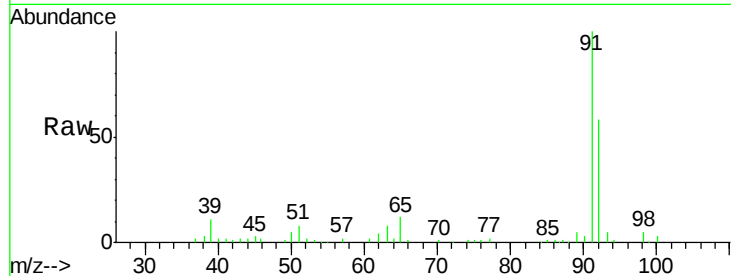
91 171.6 140.2 210.2

Manual Integrations

APPROVED

sam

3/27/2018 5:24:13 PM



#62

4-Bromofluorobenzene

Concen: 40.12 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000453.D

Acq: 26 Mar 2018 20:28

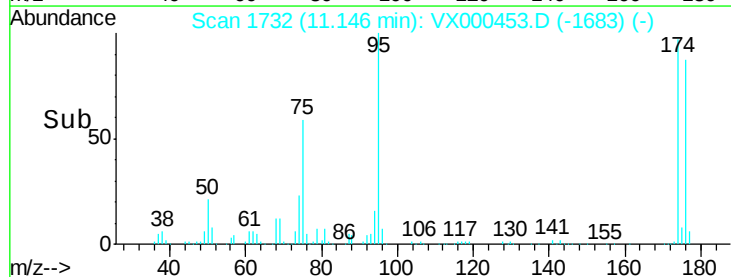
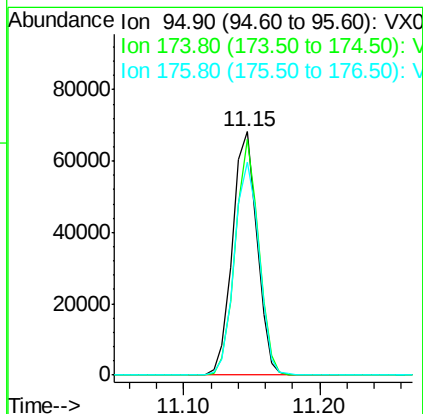
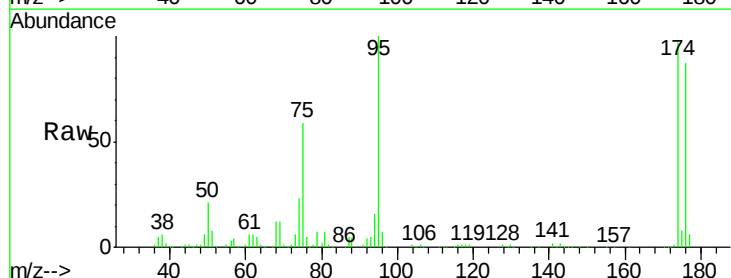
Tgt Ion: 95 Resp: 86130

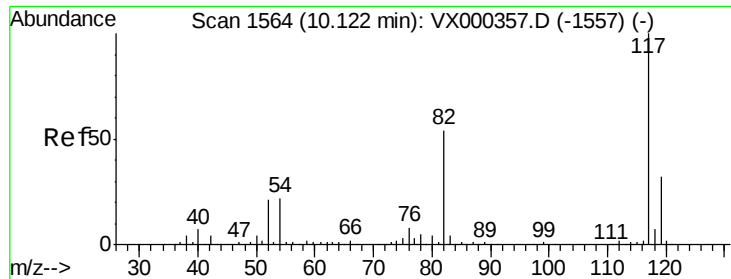
Ion Ratio Lower Upper

95 100

174 92.0 0.0 173.6

176 87.7 0.0 164.6





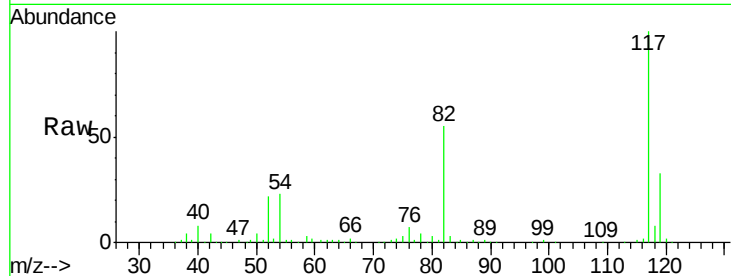
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000453.D
Acq: 26 Mar 2018 20:28

Instrument :
MSVOA_X
ClientSampleId :
22136-51-2-5-6-7-9

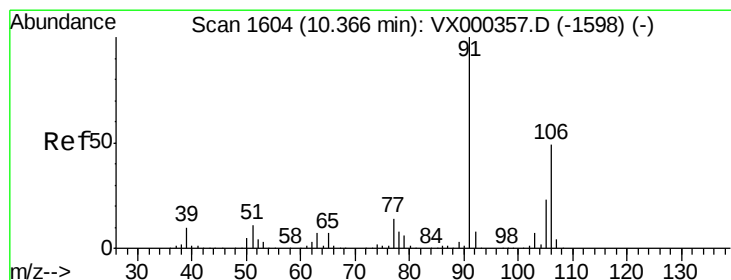
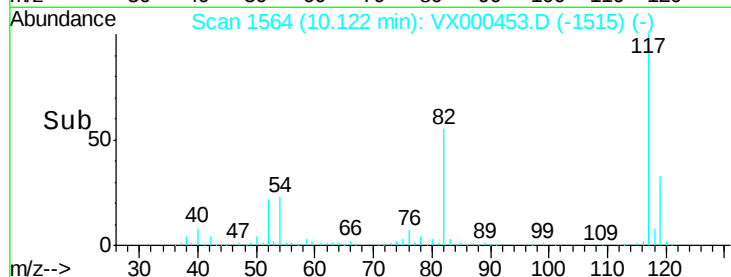
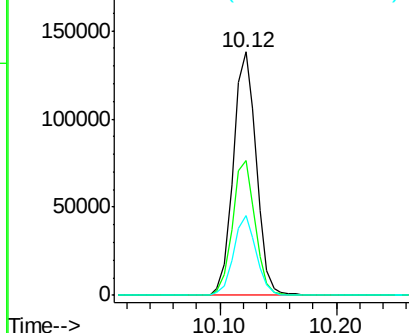
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.2	43.8	65.8
119	32.8	24.9	37.3

Manual Integrations
APPROVED

sam
3/27/2018 5:24:13 PM

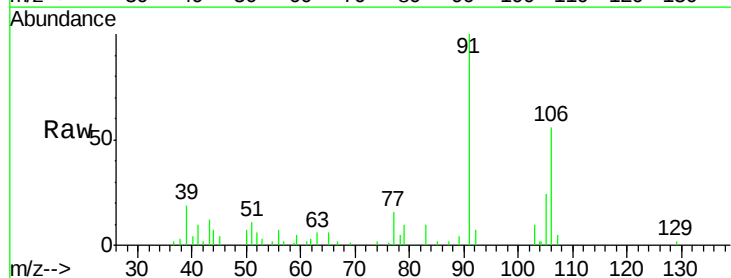


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

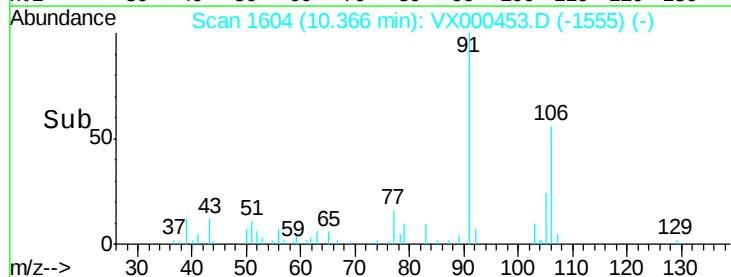
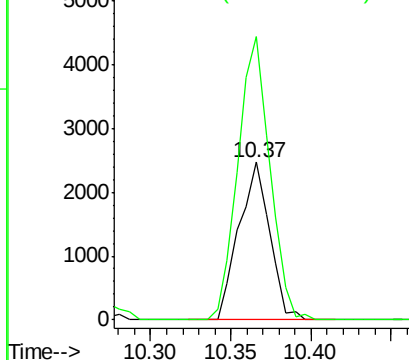


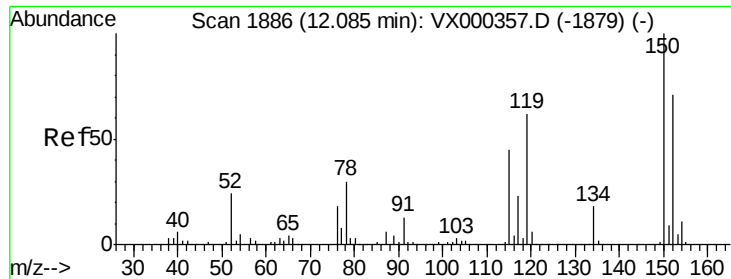
#68
m/p-Xylenes
Concen: 1.17 ug/l m
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX000453.D
Acq: 26 Mar 2018 20:28

Tgt Ion	Ratio	Lower	Upper
106	100		
91	0.0	163.4	245.2#



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.09 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX000453.D
 Acq: 26 Mar 2018 20:28

Instrument :
 MSVOA_X
 ClientSampleId :
 22136-51-2-5-6-7-9

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.3	39.8	119.3
150	156.8	0.0	344.4

Manual Integrations
 APPROVED

sam
 3/27/2018 5:24:13 PM

