

Data File : VX004034.D
Acq On : 14 Aug 2018 16:50
Operator : JC/MD
Sample : J4454-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
CB-0818-S-TCLP-61A

Manual Integrations
APPROVED

MMDadoda
8/15/2018 4:49:54 PM

Quant Time: Aug 21 05:00:44 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 14 13:27:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	296841	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	475745	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	440763	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	252567	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	209601	50.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.24%	
35) Dibromofluoromethane	5.50	113	178037	50.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.00%	
50) Toluene-d8	8.71	98	677749	46.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.90%	
62) 4-Bromofluorobenzene	11.14	95	241871	46.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.38%	
Target Compounds						
16) Acetone	2.43	43	20222	9.300	ug/l	98
20) Methylene Chloride	2.86	84	8906	1.922	ug/l	94
43) Isopropyl Acetate	6.46	43	145598	16.755	ug/l	100
67) Ethyl Benzene	10.26	91	5344	0.296	ug/l	97
68) m/p-Xylenes	10.36	106	4166	0.590	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	8115	0.560	ug/l	97
95) Naphthalene	13.83	128	1895349	106.017	ug/l	100

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

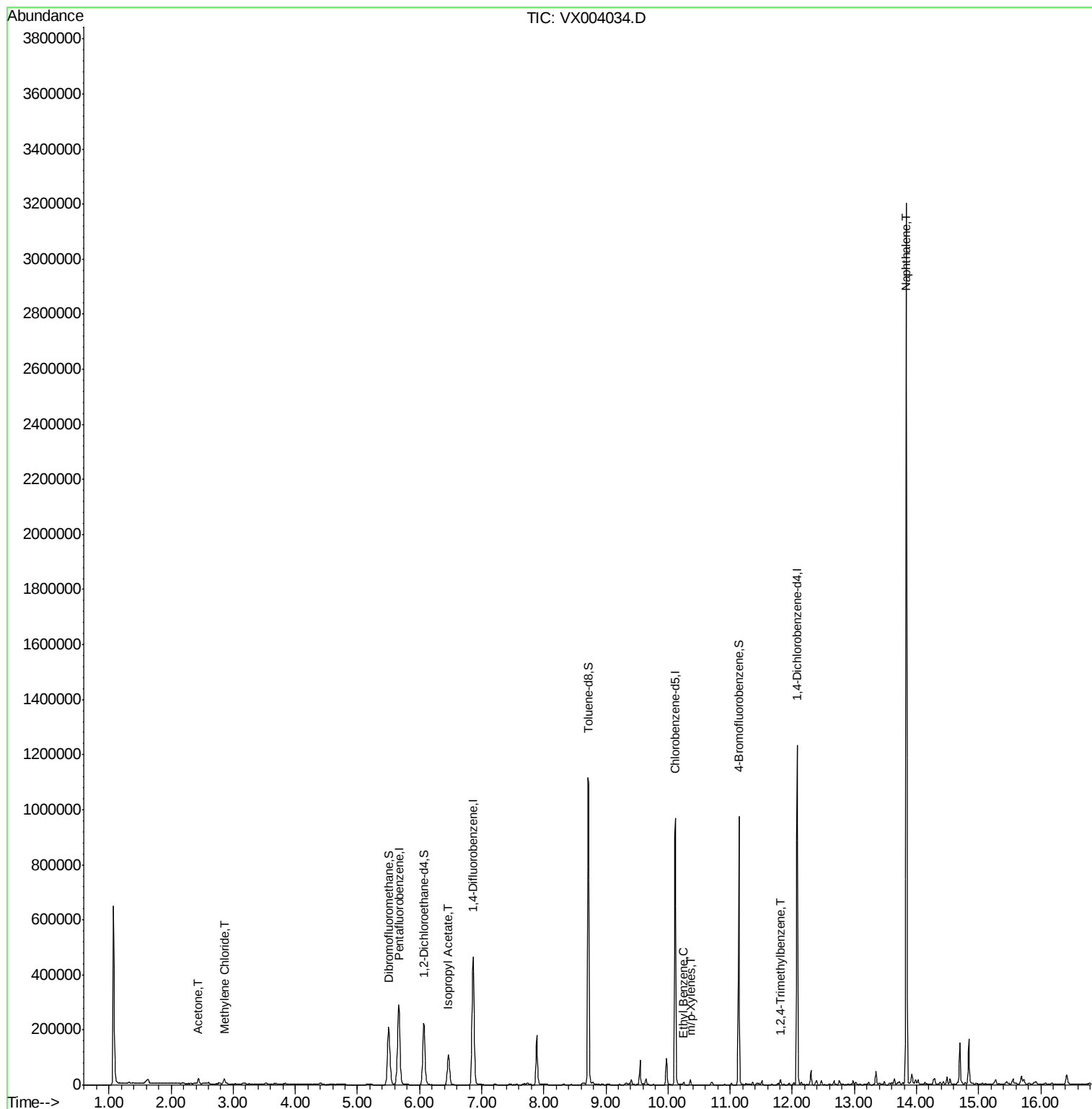
Data File : VX004034.D
Acq On : 14 Aug 2018 16:50
Operator : JC/MD
Sample : J4454-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

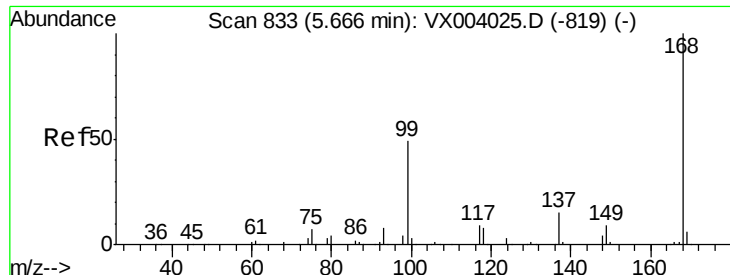
Instrument :
MSVOA_X
ClientSampleId :
CB-0818-S-TCLP-61A

Manual Integrations
APPROVED

MMDadoda
8/15/2018 4:49:54 PM

Quant Time: Aug 21 05:00:44 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 14 13:27:25 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX004034.D

Acq: 14 Aug 2018 16:50

Instrument :

MSVOA_X

ClientSampleId :

CB-0818-S-TCLP-61A

Tgt Ion:168 Resp: 296841

Ion Ratio Lower Upper

168 100

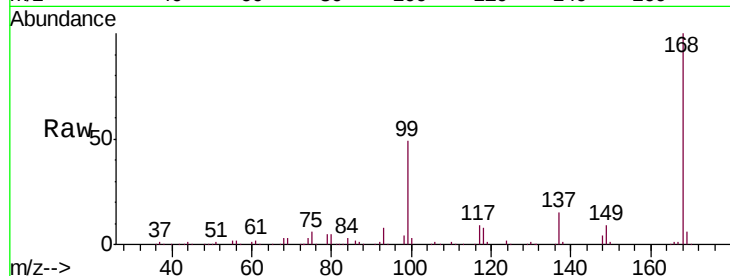
99 48.9 40.1 60.1

Manual Integrations

APPROVED

MMDadoda

8/15/2018 4:49:54 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

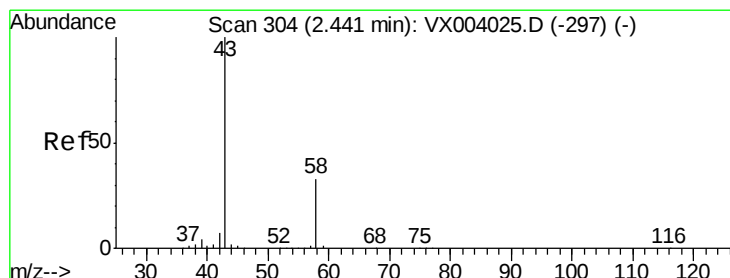
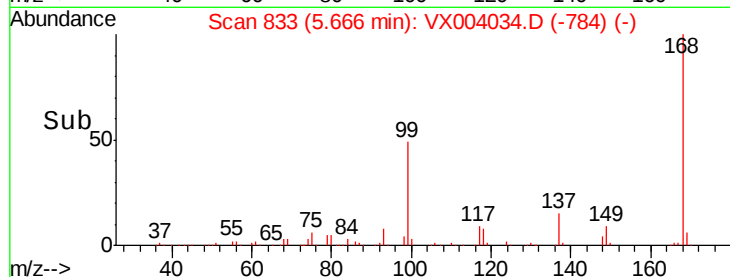
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 9.300 ug/l

RT: 2.43 min Scan# 303

Delta R.T. -0.01 min

Lab File: VX004034.D

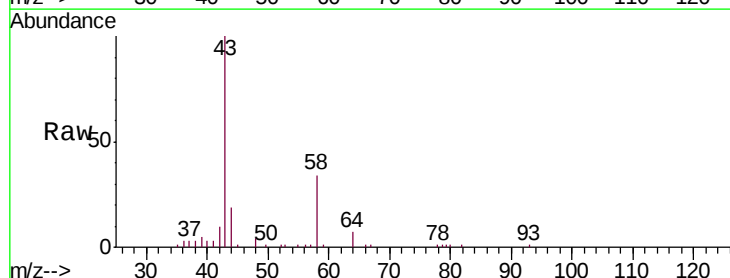
Acq: 14 Aug 2018 16:50

Tgt Ion: 43 Resp: 20222

Ion Ratio Lower Upper

43 100

58 33.9 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

12000

10000

8000

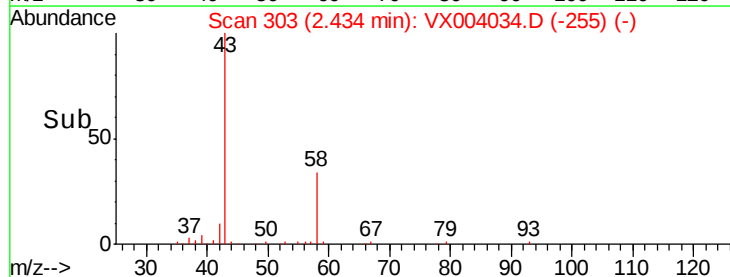
6000

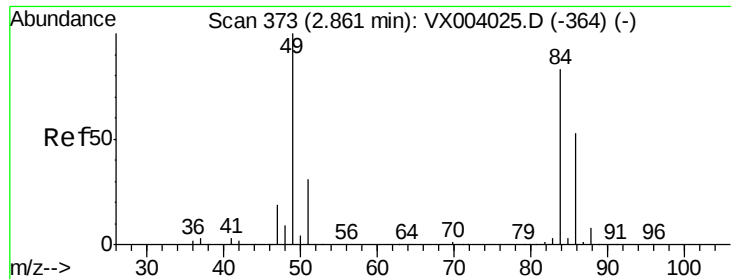
4000

2000

0

Time--> 2.30 2.40 2.50





#20

Methylene Chloride

Concen: 1.922 ug/l

RT: 2.86 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX004034.D

Acq: 14 Aug 2018 16:50

Instrument :

MSVOA_X

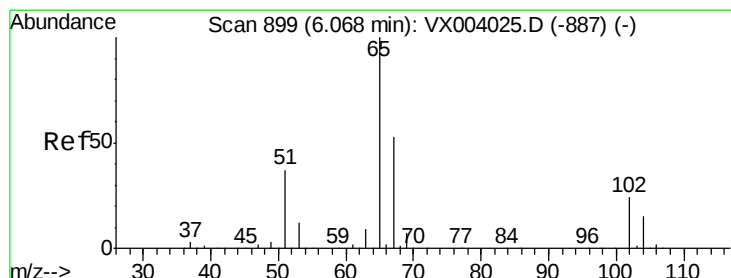
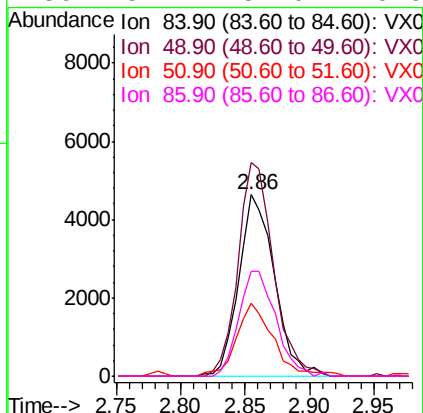
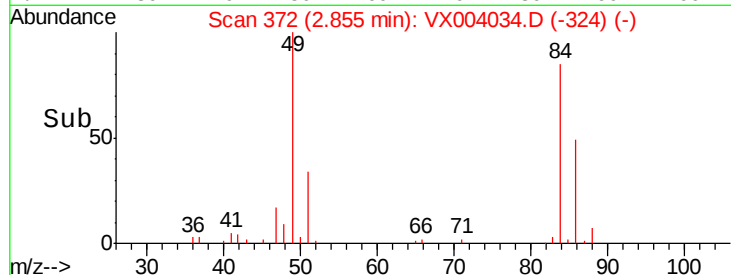
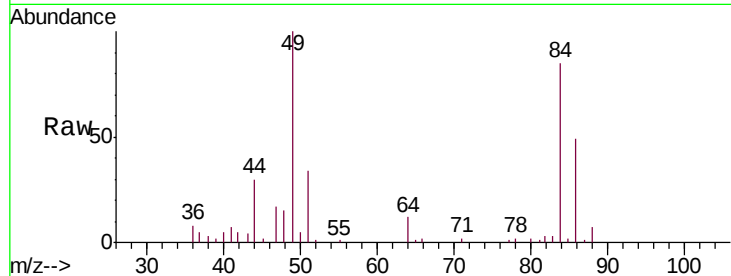
ClientSampleId :

CB-0818-S-TCLP-61A

Tgt Ion:	84	Resp:	8906
Ion	Ratio	Lower	Upper
84	100		
49	117.9	98.9	148.3
51	39.9	29.9	44.9
86	57.7	51.0	76.6

Manual Integrations
APPROVED

MMDadoda
8/15/2018 4:49:54 PM



#33

1,2-Dichloroethane-d4

Concen: 50.116 ug/l

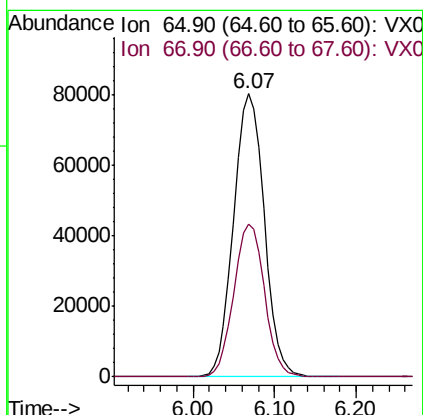
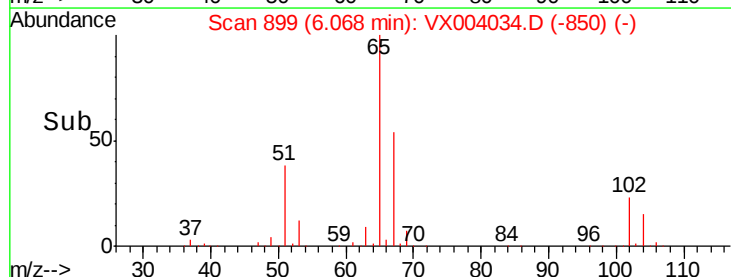
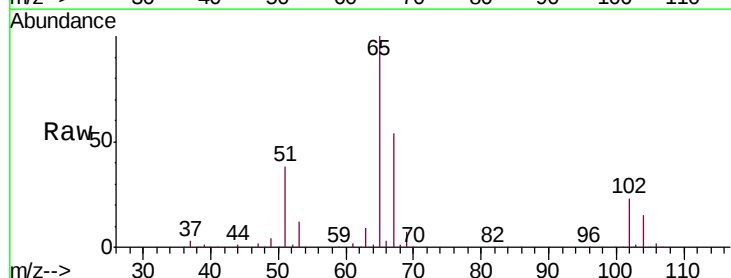
RT: 6.07 min Scan# 899

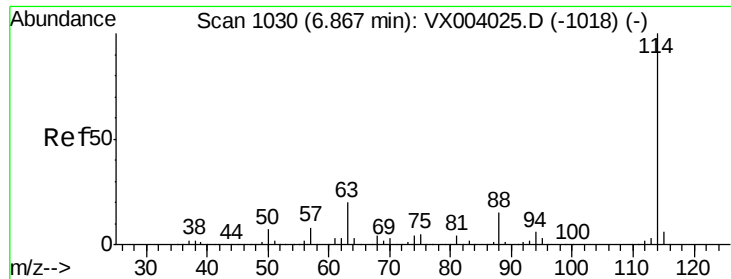
Delta R.T. -0.00 min

Lab File: VX004034.D

Acq: 14 Aug 2018 16:50

Tgt Ion:	65	Resp:	209601
Ion	Ratio	Lower	Upper
65	100		
67	53.7	0.0	105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VX004034.D

Acq: 14 Aug 2018 16:50

Instrument :

MSVOA_X

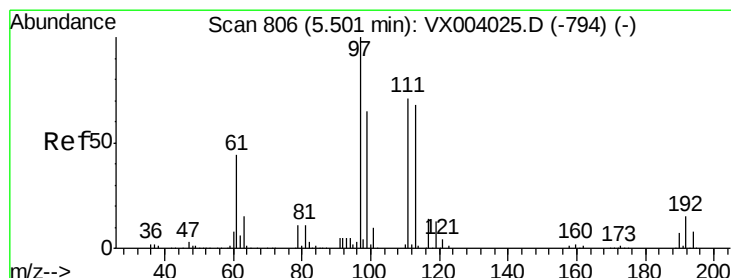
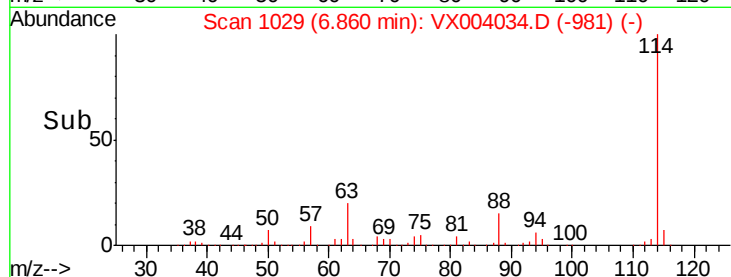
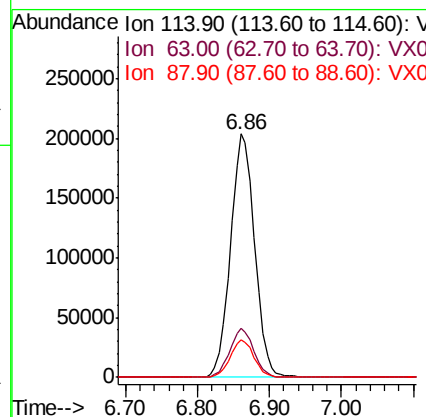
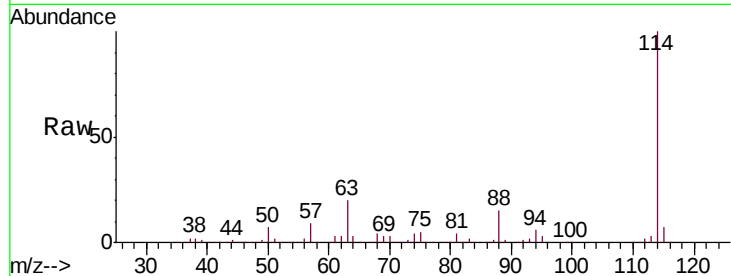
ClientSampleId :

CB-0818-S-TCLP-61A

Tgt Ion:	114	Resp:	475745
Ion Ratio	Lower	Upper	
114	100		
63	20.2	0.0	39.0
88	15.2	0.0	32.0

Manual Integrations
APPROVED

MMDadoda
8/15/2018 4:49:54 PM



#35

Dibromofluoromethane

Concen: 50.002 ug/l

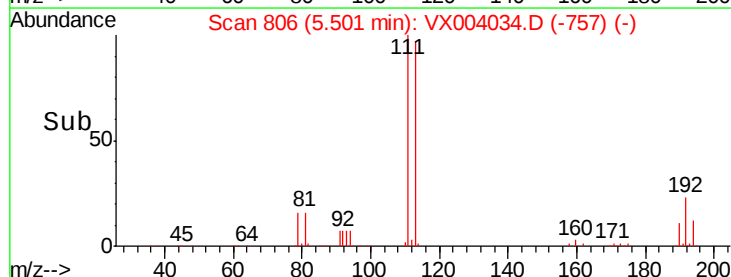
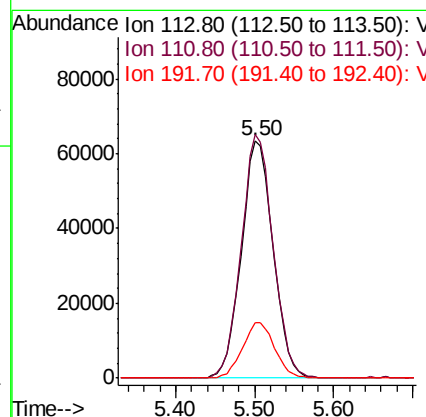
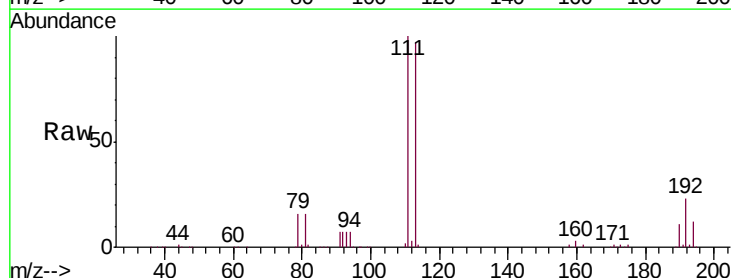
RT: 5.50 min Scan# 806

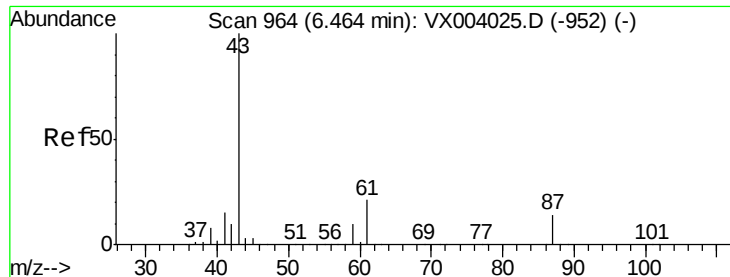
Delta R.T. -0.00 min

Lab File: VX004034.D

Acq: 14 Aug 2018 16:50

Tgt Ion:	113	Resp:	178037
Ion Ratio	Lower	Upper	
113	100		
111	102.7	82.0	123.0
192	23.6	19.0	28.4





#43

Isopropyl Acetate

Concen: 16.755 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.00 min

Lab File: VX004034.D

Acq: 14 Aug 2018 16:50

Instrument :

MSVOA_X

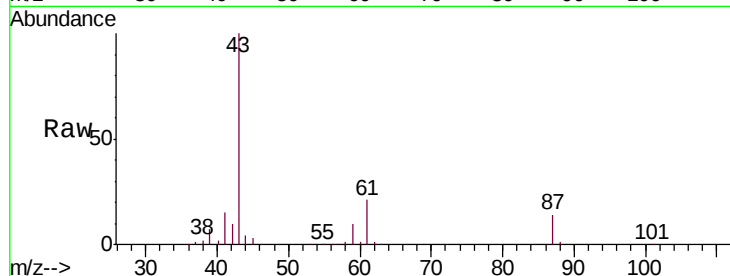
ClientSampleId :

CB-0818-S-TCLP-61A

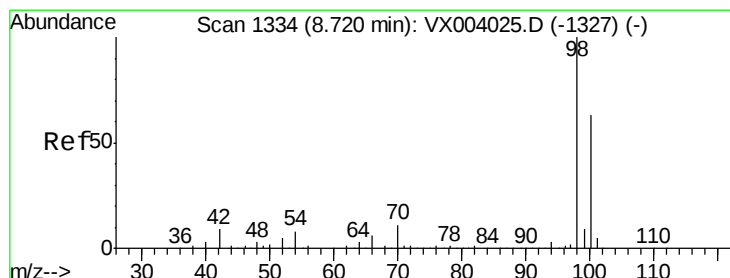
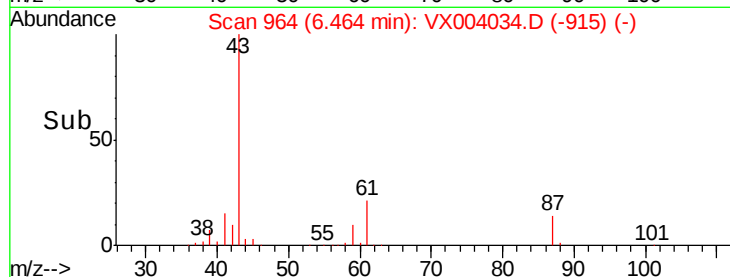
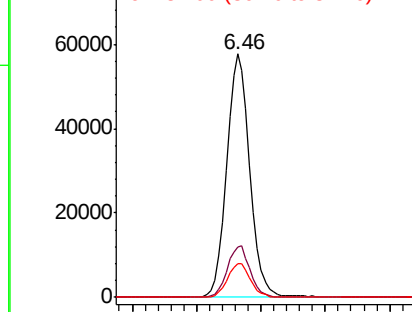
Tgt Ion:	43	Resp:	145598
Ion	Ratio	Lower	Upper
43	100		
61	21.0	16.9	25.3
87	13.9	11.3	16.9

Manual Integrations
APPROVED

MMDadoda
8/15/2018 4:49:54 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0



#50

Toluene-d8

Concen: 46.948 ug/l

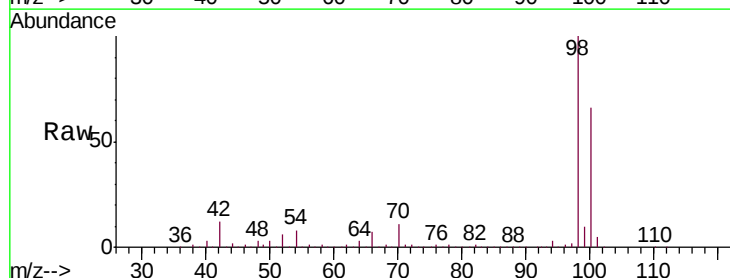
RT: 8.71 min Scan# 1333

Delta R.T. -0.01 min

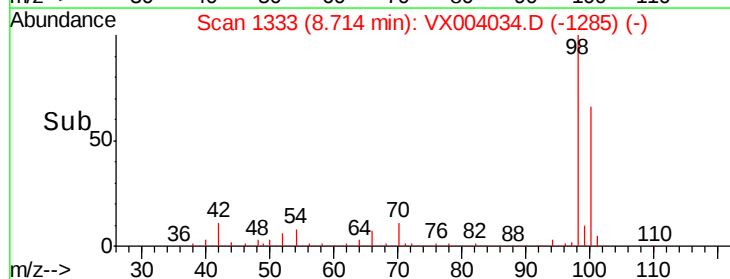
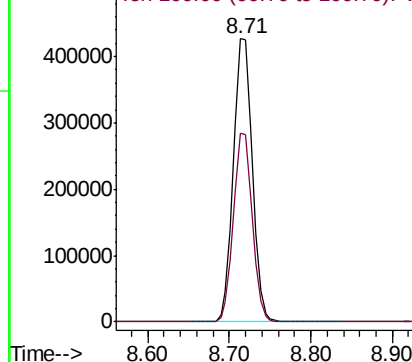
Lab File: VX004034.D

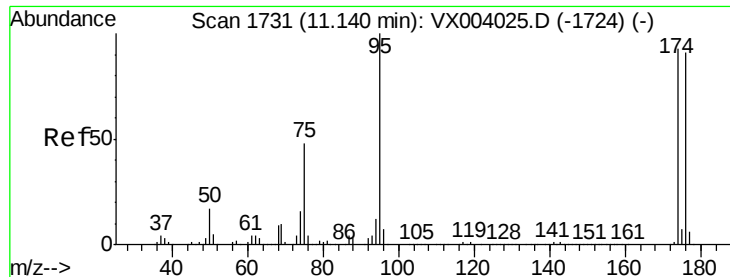
Acq: 14 Aug 2018 16:50

Tgt Ion:	98	Resp:	677749
Ion	Ratio	Lower	Upper
98	100		
100	65.7	53.3	79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





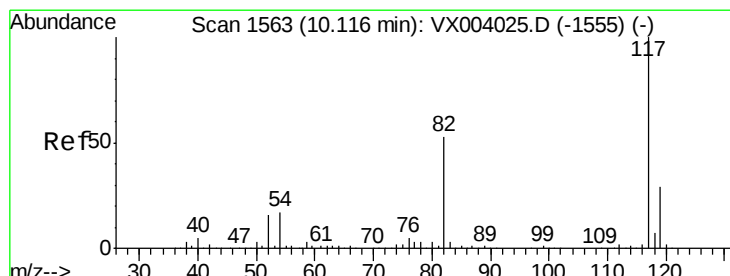
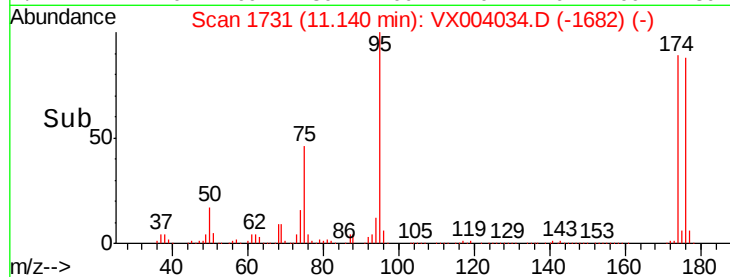
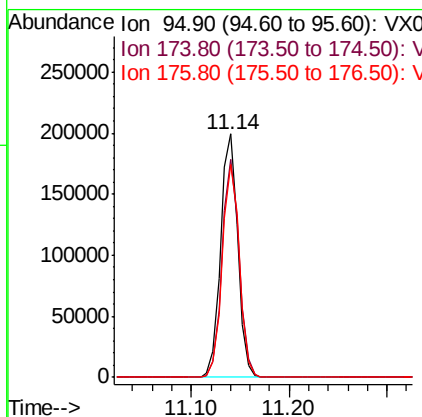
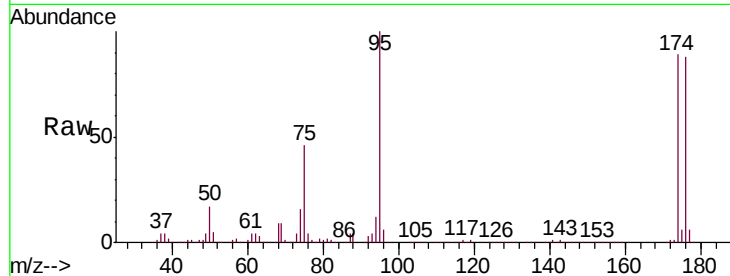
#62
4-Bromofluorobenzene
Concen: 46.195 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX004034.D
Acq: 14 Aug 2018 16:50

Instrument :
MSVOA_X
ClientSampleId :
CB-0818-S-TCLP-61A

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	241871		
174	89.7	0.0	182.8	
176	87.8	0.0	179.0	

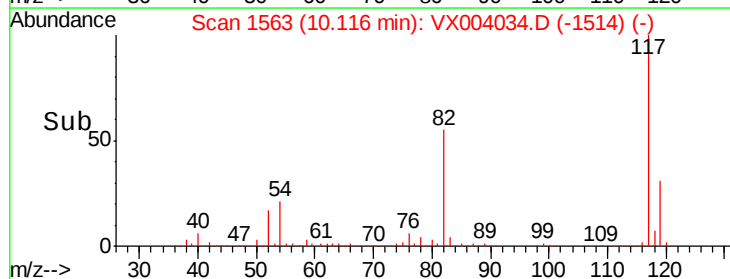
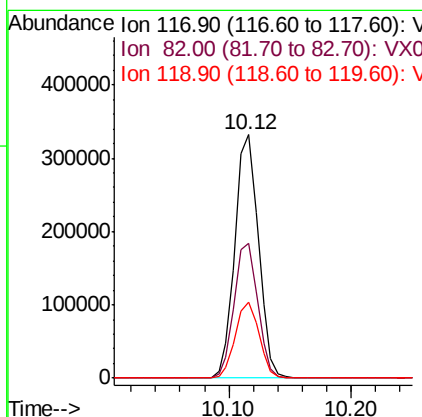
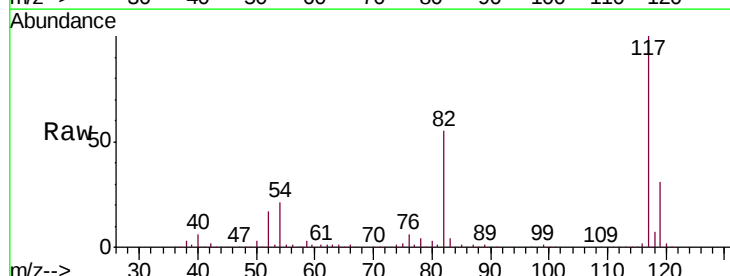
Manual Integrations
APPROVED

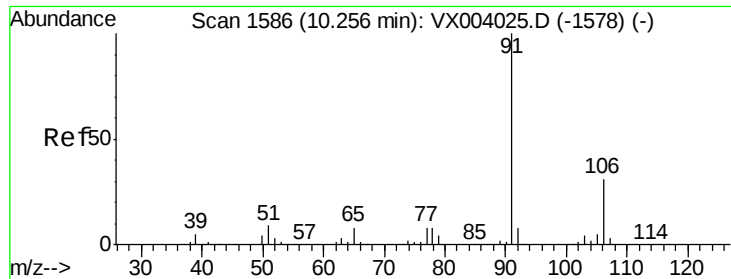
MMDadoda
8/15/2018 4:49:54 PM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004034.D
Acq: 14 Aug 2018 16:50

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	440763		
82	55.4	45.4	68.0	
119	31.4	26.6	40.0	





#67

Ethyl Benzene

Concen: 0.296 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX004034.D

Acq: 14 Aug 2018 16:50

Instrument :

MSVOA_X

ClientSampleId :

CB-0818-S-TCLP-61A

Tgt Ion: 91 Resp: 5344

Ion Ratio Lower Upper

91 100

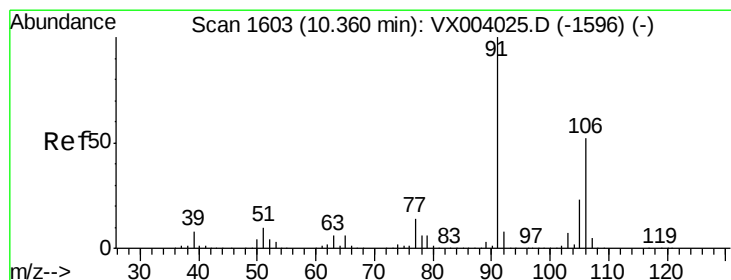
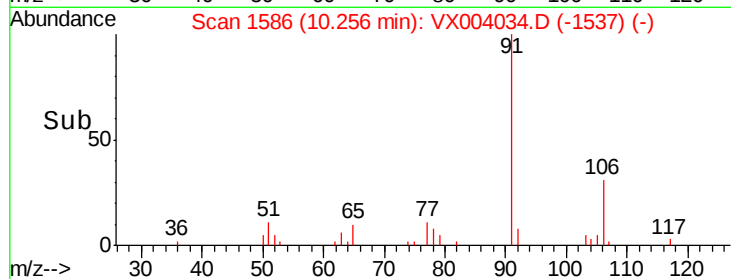
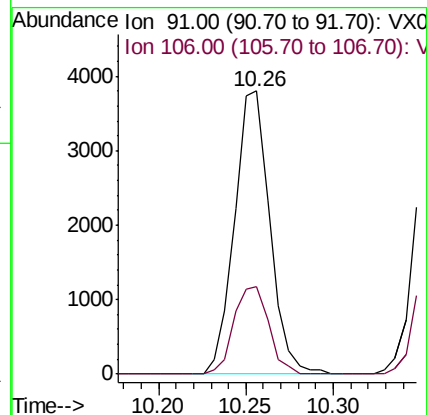
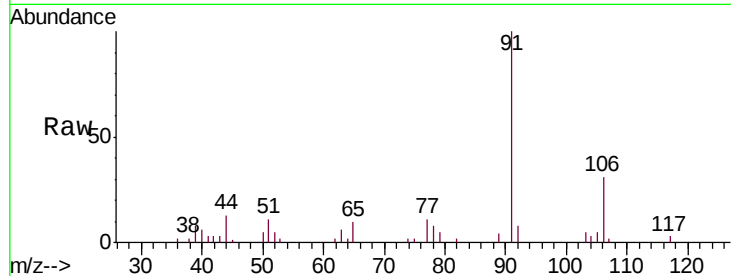
106 31.0 25.9 38.9

Manual Integrations

APPROVED

MMDadoda

8/15/2018 4:49:54 PM



#68

m/p-Xylenes

Concen: 0.590 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.00 min

Lab File: VX004034.D

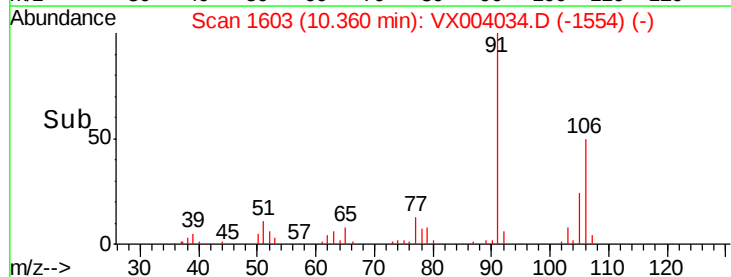
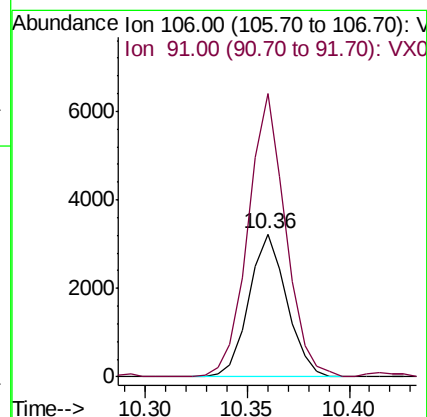
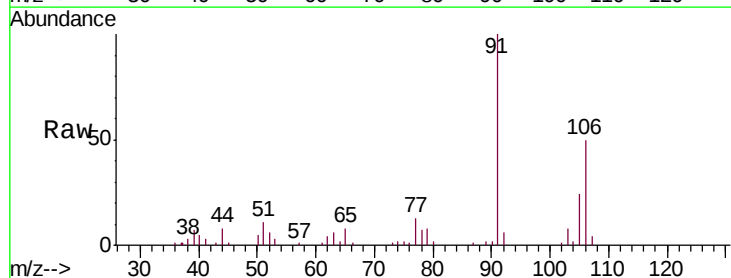
Acq: 14 Aug 2018 16:50

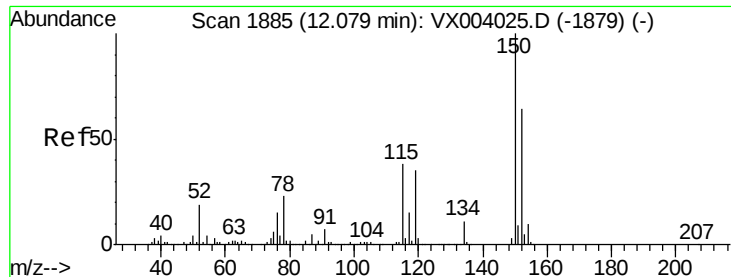
Tgt Ion: 106 Resp: 4166

Ion Ratio Lower Upper

106 100

91 196.4 162.3 243.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX004034.D

Acq: 14 Aug 2018 16:50

Instrument :

MSVOA_X

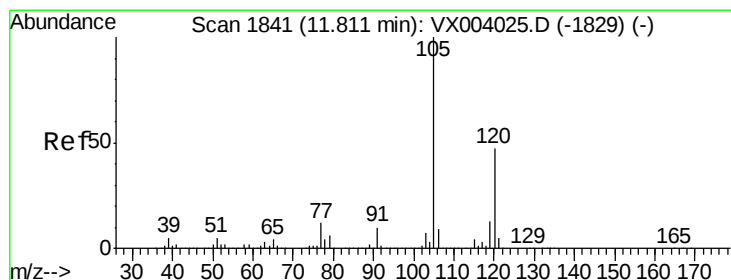
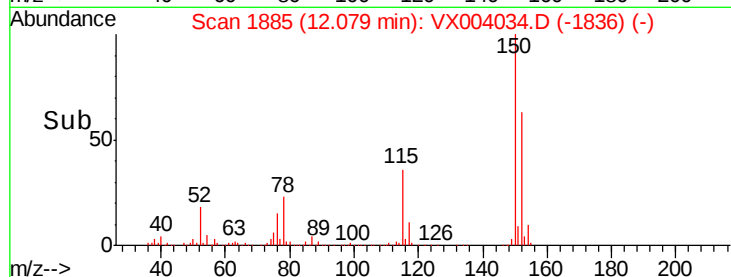
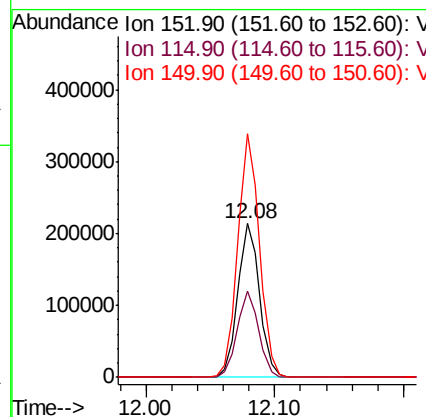
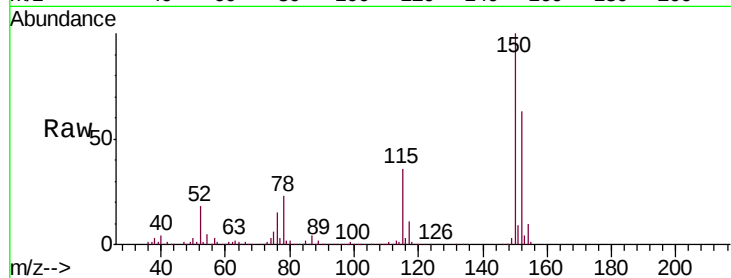
ClientSampleId :

CB-0818-S-TCLP-61A

Tgt Ion:	152	Resp:	252567
Ion Ratio	Lower	Upper	
152	100		
115	55.7	39.1	117.3
150	158.3	0.0	349.2

Manual Integrations
APPROVED

MMDadoda
8/15/2018 4:49:54 PM



#84

1,2,4-Trimethylbenzene

Concen: 0.560 ug/l

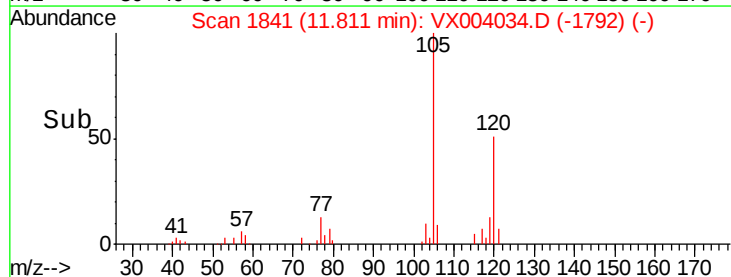
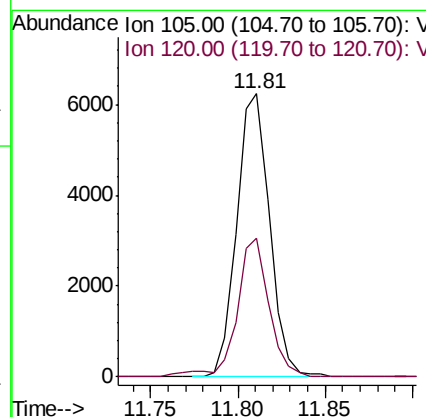
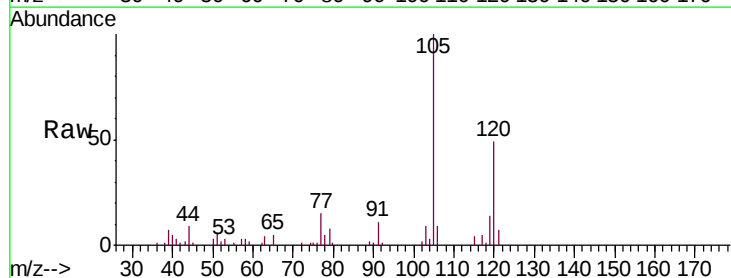
RT: 11.81 min Scan# 1841

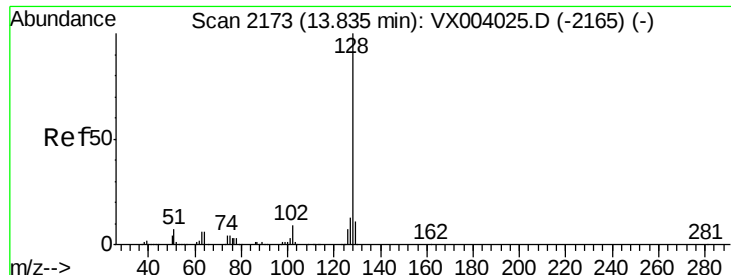
Delta R.T. -0.00 min

Lab File: VX004034.D

Acq: 14 Aug 2018 16:50

Tgt Ion:	105	Resp:	8115
Ion Ratio	Lower	Upper	
105	100		
120	47.9	23.1	69.2





#95
Naphthalene
Concen: 106.017 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX004034.D
Acq: 14 Aug 2018 16:50

Instrument :
MSVOA_X
ClientSampleId :
CB-0818-S-TCLP-61A

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.2
129	11.1	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
8/15/2018 4:49:54 PM

