

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012619\
 Data File : VX007252.D
 Acq On : 26 Jan 2019 01:34
 Operator : JC/SP
 Sample : K1238-30
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S3

Manual Integrations
 APPROVED

MMDadoda
 1/28/2019 12:02:20 PM

Quant Time: Jan 28 02:27:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	553558	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	843531	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	834480	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	397852	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	292516	50.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.12%	
35) Dibromofluoromethane	5.50	113	263209	48.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.46%	
50) Toluene-d8	8.71	98	1049621	53.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.16%	
62) 4-Bromofluorobenzene	11.13	95	363988	52.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.60%	
Target Compounds						
16) Acetone	2.45	43	64003	22.379	ug/l	95
20) Methylene Chloride	2.83	84	36171548m	6725.062	ug/l	
25) 2-Butanone	4.70	43	16213	3.962	ug/l	94
29) Tetrahydrofuran	5.16	42	15846	5.958	ug/l	99
43) Isopropyl Acetate	6.46	43	24839	2.003	ug/l	94
95) Naphthalene	13.83	128	31446	1.097	ug/l	97

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

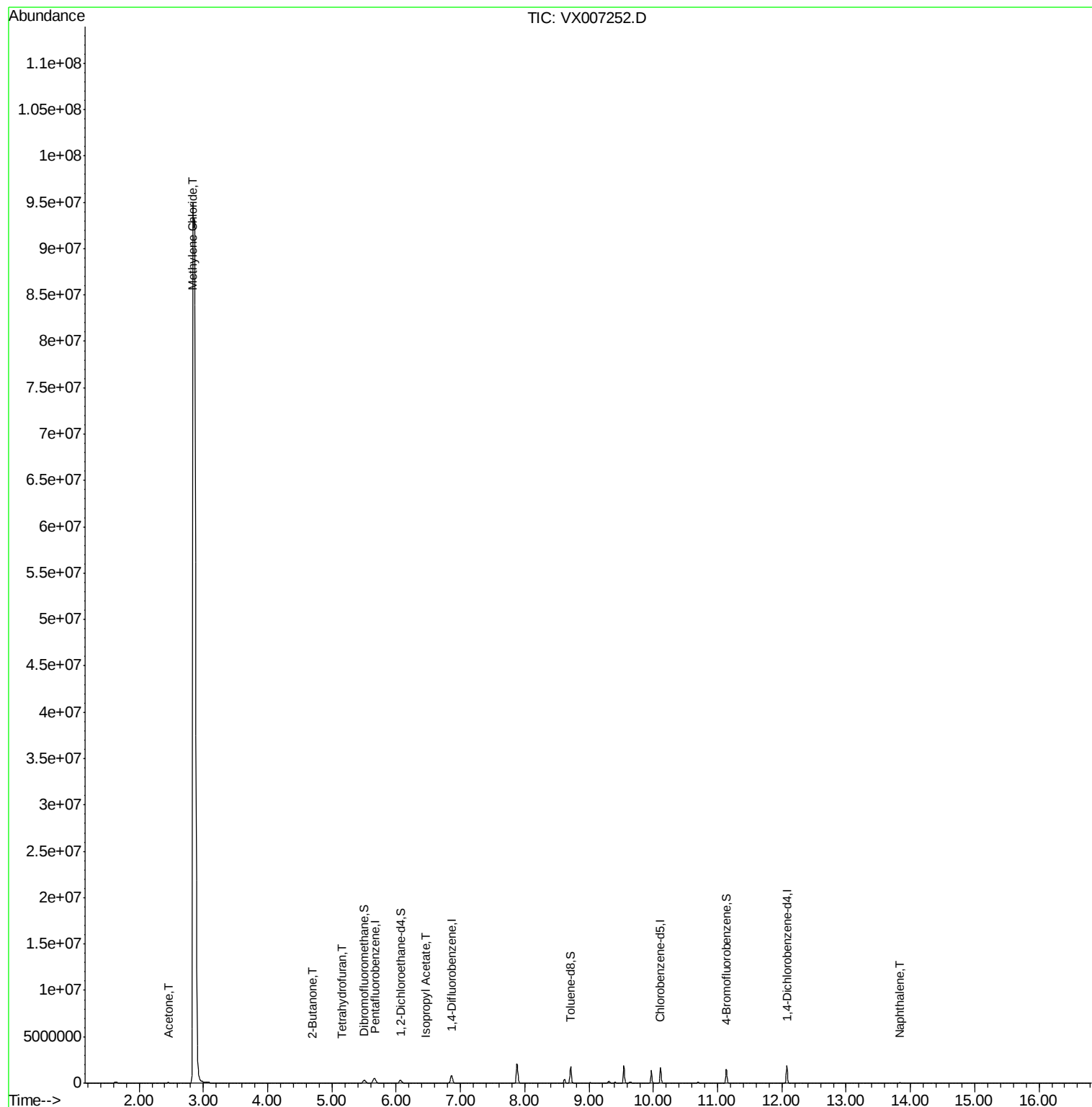
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX012619\
Data File : VX007252.D
Acq On : 26 Jan 2019 01:34
Operator : JC/SP
Sample : K1238-30
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 24 Sample Multiplier: 1

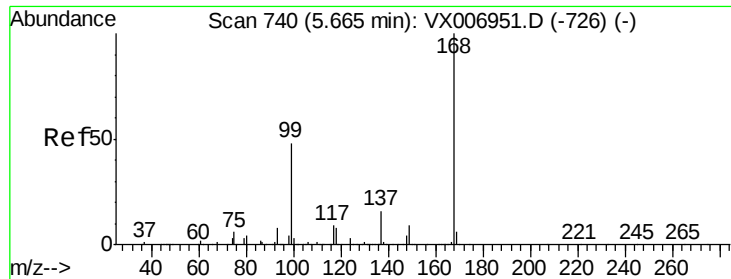
Instrument :
MSVOA_X
ClientSampleId :
S3

Manual Integrations
APPROVED

MMDadoda
1/28/2019 12:02:20 PM

Quant Time: Jan 28 02:27:36 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 08 14:06:59 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007252.D

Acq: 26 Jan 2019 01:34

Instrument :

MSVOA_X

ClientSampled :

S3

Tot Ion:168 Resp: 553558

Ion Ratio Lower Upper

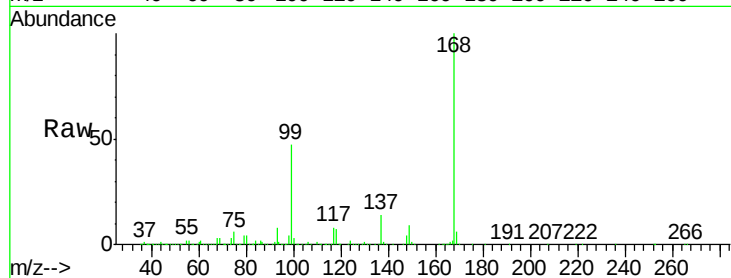
168 100

99 47.0 41.8 62.8

Manual Integrations
APPROVED

MMDadoda

1/28/2019 12:02:20 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

150000

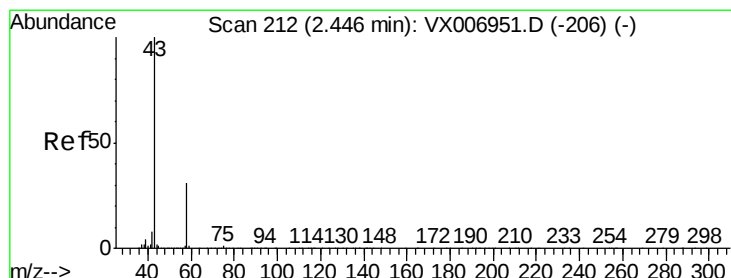
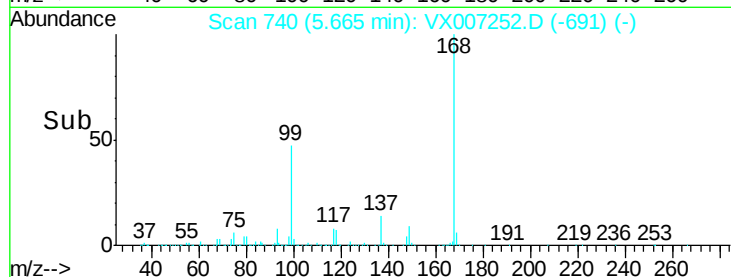
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 22.379 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX007252.D

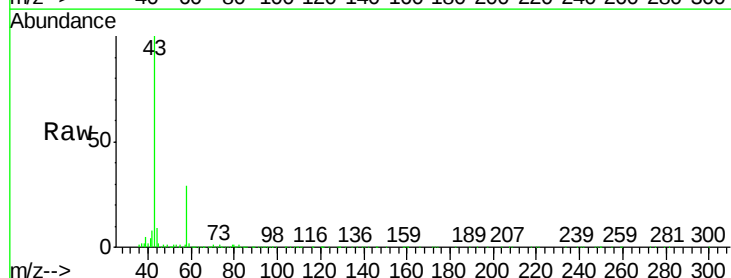
Acq: 26 Jan 2019 01:34

Tgt Ion: 43 Resp: 64003

Ion Ratio Lower Upper

43 100

58 28.7 25.0 37.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

40000

30000

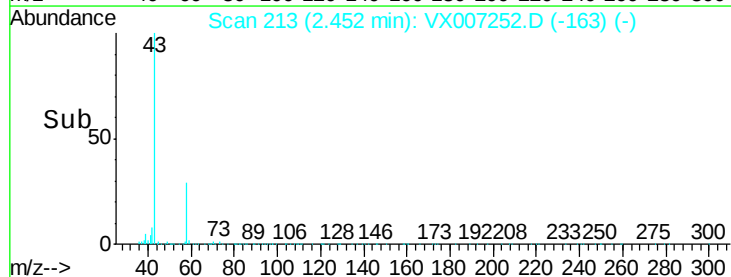
20000

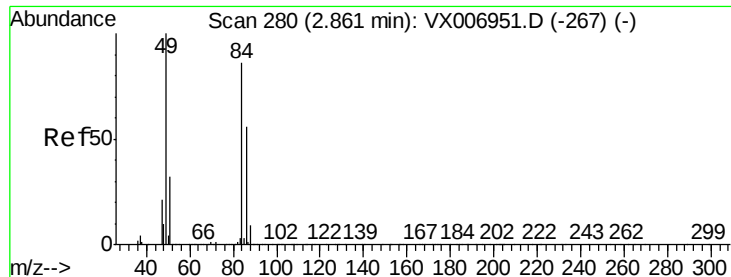
10000

0

Time-->

2.35 2.40 2.45 2.50 2.55





#20

Methylene Chloride

Concen: 6725.062 ug/l m

RT: 2.83 min Scan# 275

Delta R.T. -0.03 min

Lab File: VX007252.D

Acq: 26 Jan 2019 01:34

Instrument :

MSVOA_X

ClientSampleId :

S3

Tot Ion: 84 Resp: 36171548

Ion Ratio Lower Upper

84 100

49 100.0 91.8 137.6

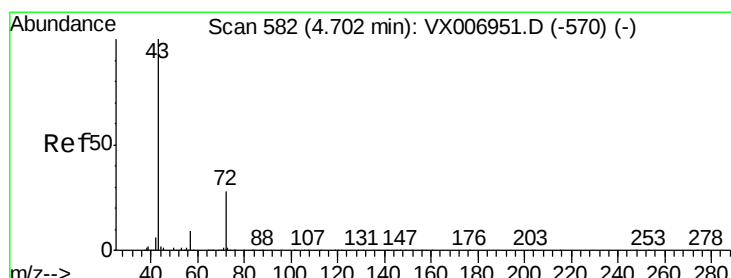
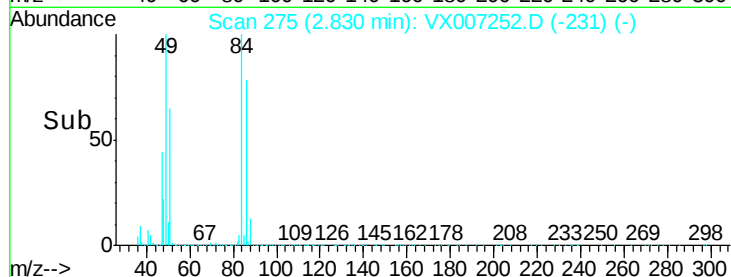
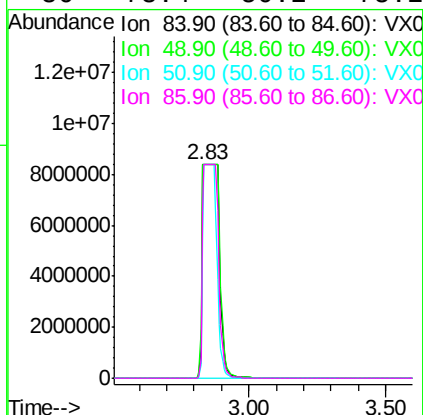
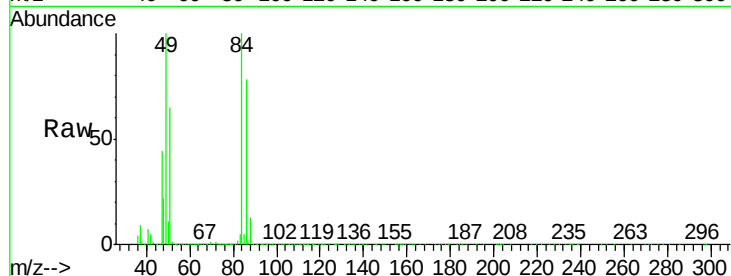
51 65.0 28.5 42.7#

86 78.4 50.2 75.2#

Manual Integrations
APPROVED

MMDadoda

1/28/2019 12:02:20 PM



#25

2-Butanone

Concen: 3.962 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX007252.D

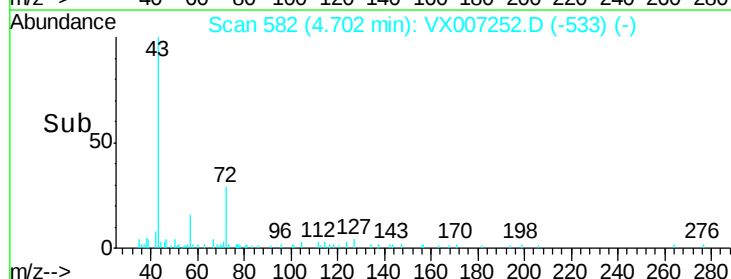
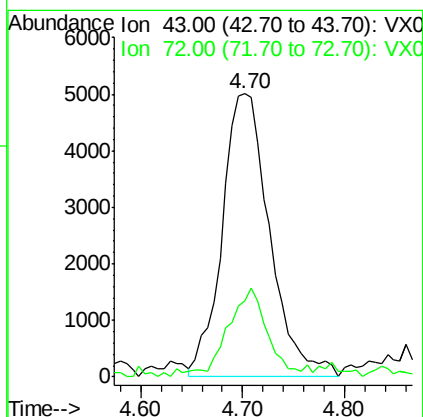
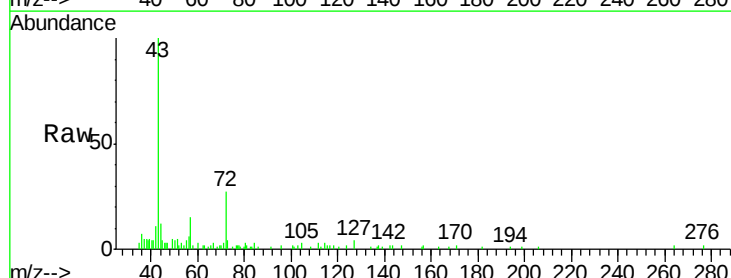
Acq: 26 Jan 2019 01:34

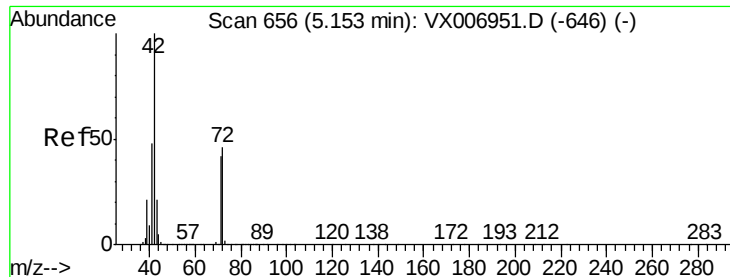
Tgt Ion: 43 Resp: 16213

Ion Ratio Lower Upper

43 100

72 25.0 22.4 33.6





#29

Tetrahydrofuran

Concen: 5.958 ug/l

RT: 5.16 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX007252.D

Acq: 26 Jan 2019 01:34

Instrument :

MSVOA_X

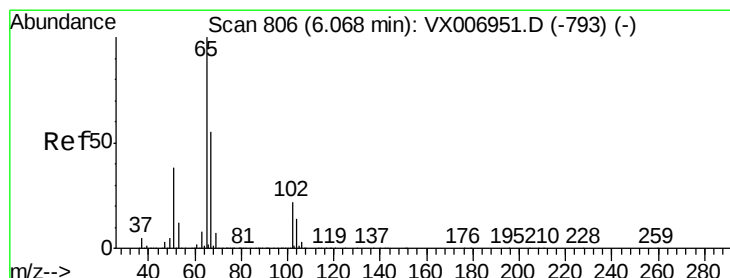
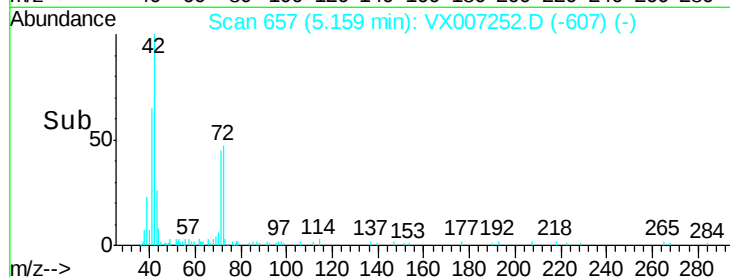
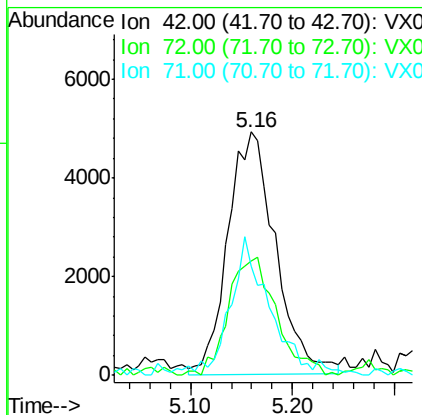
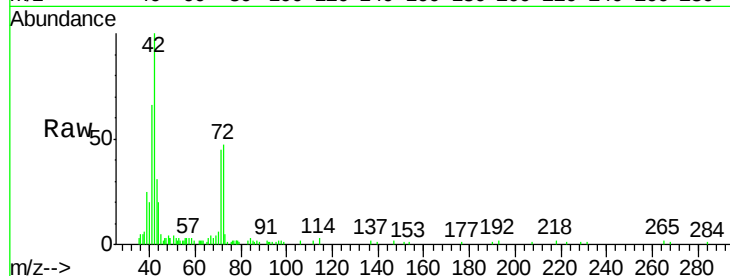
ClientSampleId :

S3

Tot Ion:	42	Resp:	15846
Ion	Ratio	Lower	Upper
42	100		
72	49.4	38.9	58.3
71	44.4	36.2	54.4

Manual Integrations
APPROVED

MMDadoda
1/28/2019 12:02:20 PM



#33

1,2-Dichloroethane-d4

Concen: 50.563 ug/l

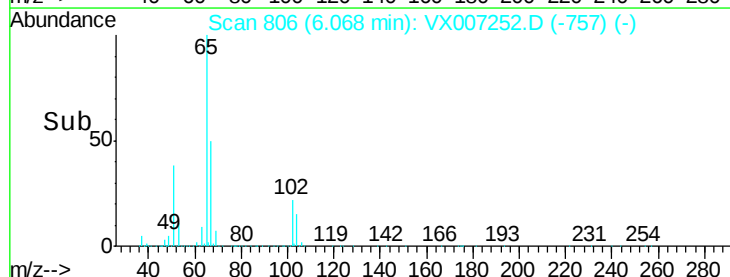
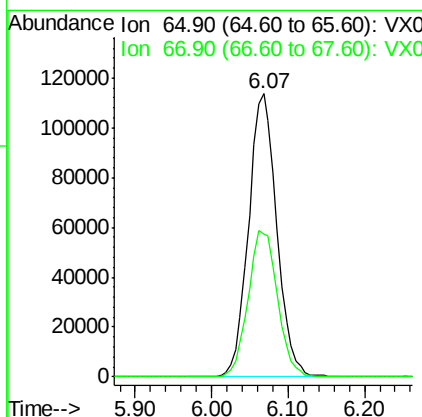
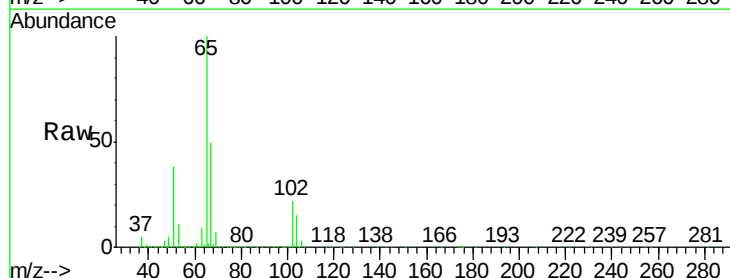
RT: 6.07 min Scan# 806

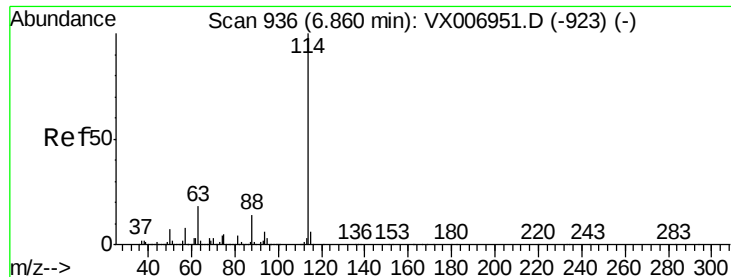
Delta R.T. -0.00 min

Lab File: VX007252.D

Acq: 26 Jan 2019 01:34

Tgt Ion:	65	Resp:	292516
Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	105.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007252.D

Acq: 26 Jan 2019 01:34

Instrument :

MSVOA_X

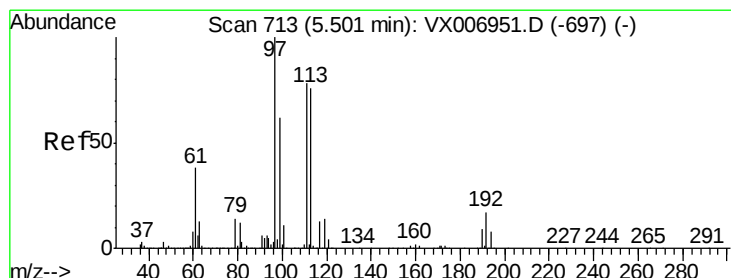
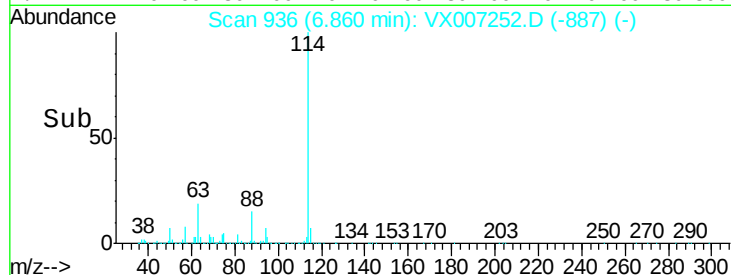
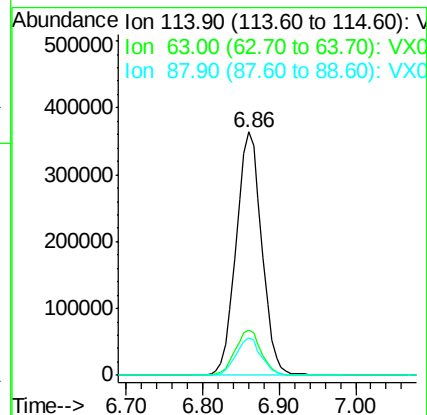
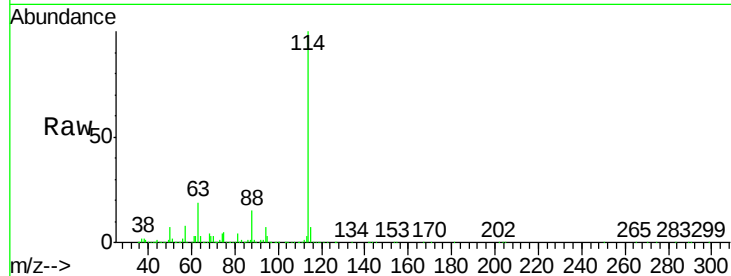
ClientSampleId :

S3

Tot Ion:	114	Resp:	843531
Ion Ratio		Lower	Upper
114	100		
63	18.6	0.0	34.8
88	15.3	0.0	28.8

Manual Integrations
APPROVED

MMDadoda
1/28/2019 12:02:20 PM



#35

Dibromofluoromethane

Concen: 48.725 ug/l

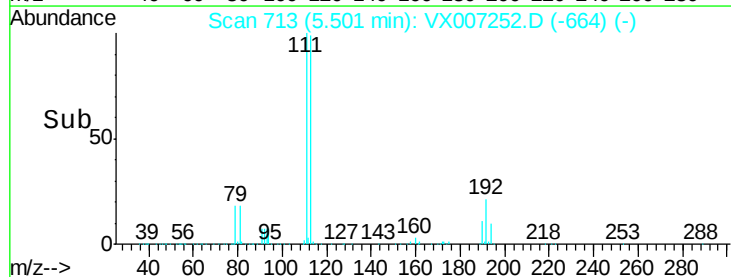
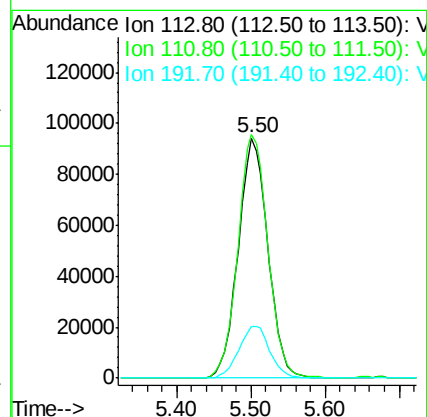
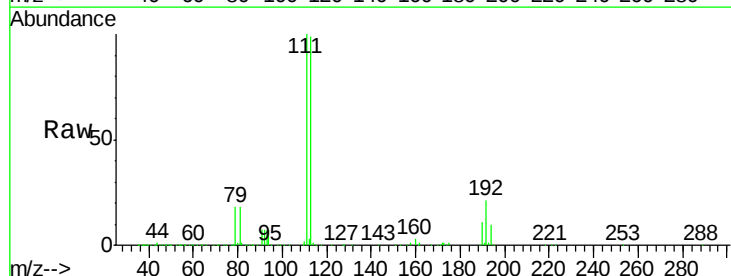
RT: 5.50 min Scan# 713

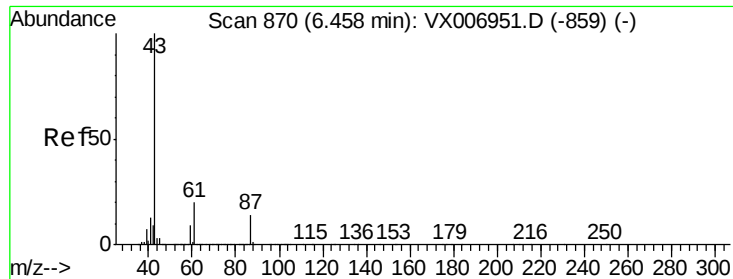
Delta R.T. -0.00 min

Lab File: VX007252.D

Acq: 26 Jan 2019 01:34

Tgt Ion:	113	Resp:	263209
Ion Ratio		Lower	Upper
113	100		
111	102.4	81.6	122.4
192	22.4	16.7	25.1





#43

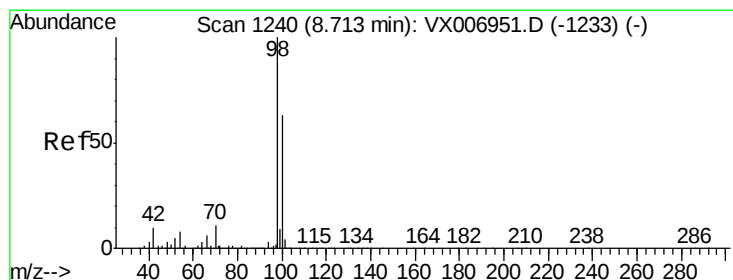
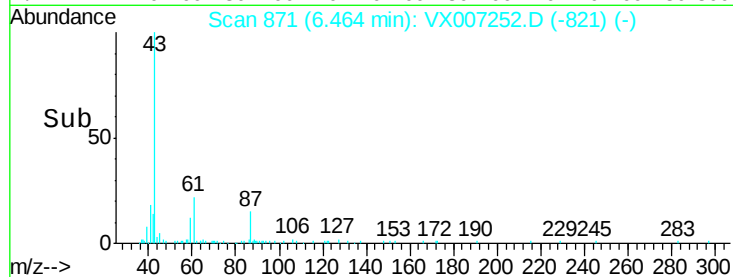
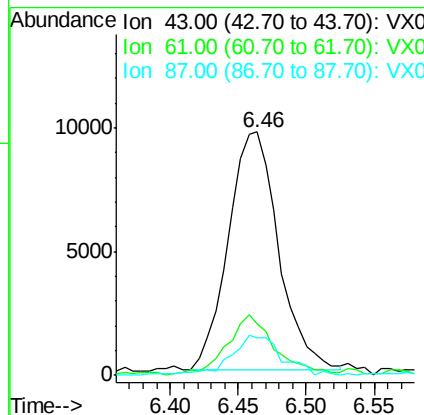
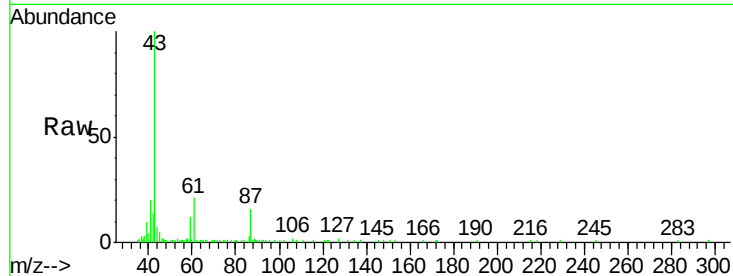
Isopropyl Acetate
 Concen: 2.003 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. 0.01 min
 Lab File: VX007252.D
 Acq: 26 Jan 2019 01:34

Instrument :
 MSVOA_X
 ClientSampled :
 S3

Tot Ion	Ratio	Lower	Upper
43	100		
61	24.3	16.8	25.2
87	17.4	12.4	18.6

Manual Integrations
 APPROVED

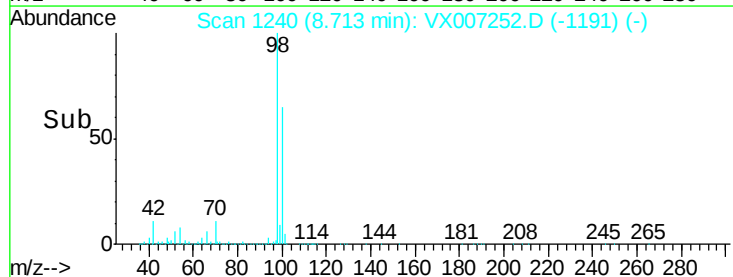
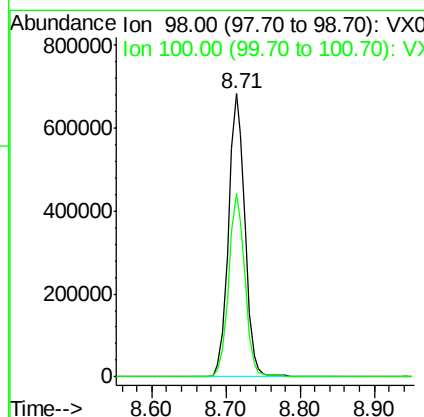
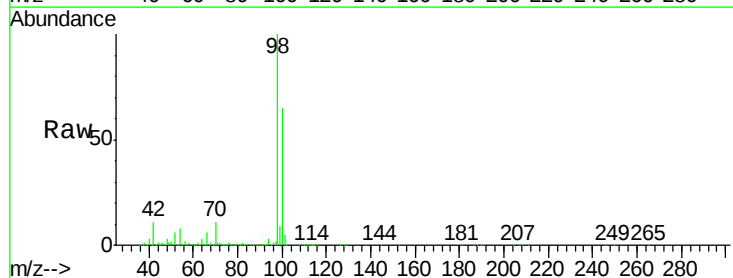
MMDadoda
 1/28/2019 12:02:20 PM

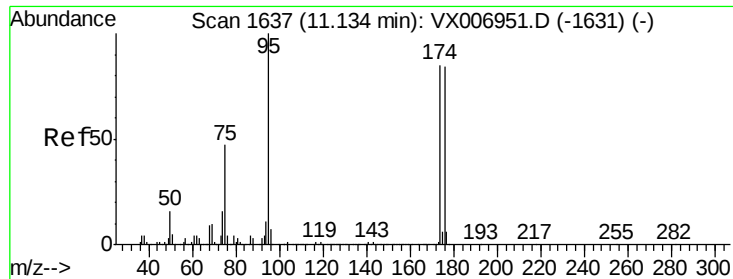


#50

Toluene-d8
 Concen: 53.084 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX007252.D
 Acq: 26 Jan 2019 01:34

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.9	52.0	78.0





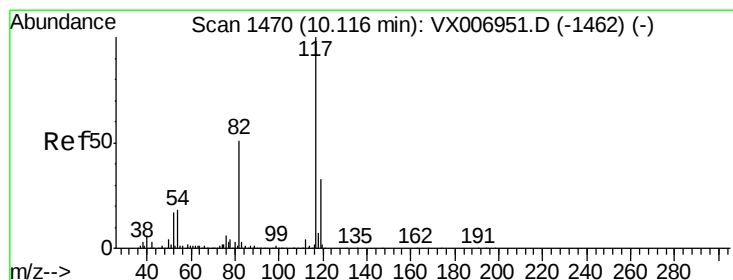
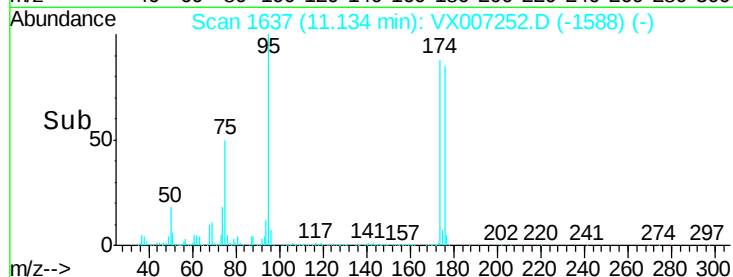
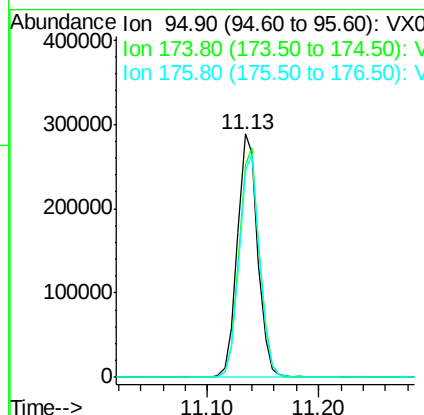
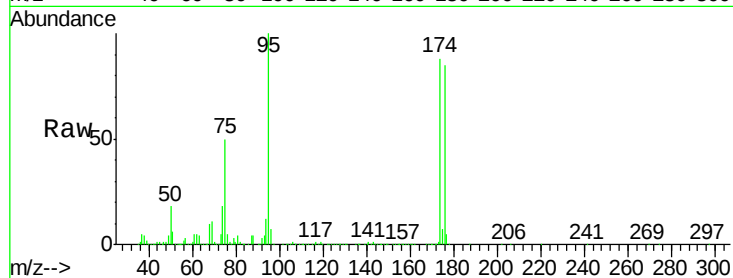
#62
4-Bromofluorobenzene
Concen: 52.804 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX007252.D
Acq: 26 Jan 2019 01:34

Instrument :
MSVOA_X
ClientSampleId :
S3

Tot Ion	Ratio	Resp	Lower	Upper
95	100	363988		
174	95.2	0.0	182.2	
176	91.8	0.0	178.8	

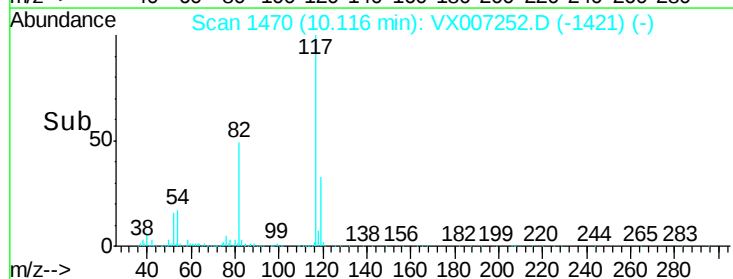
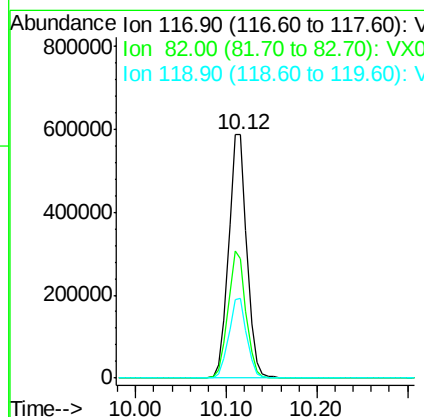
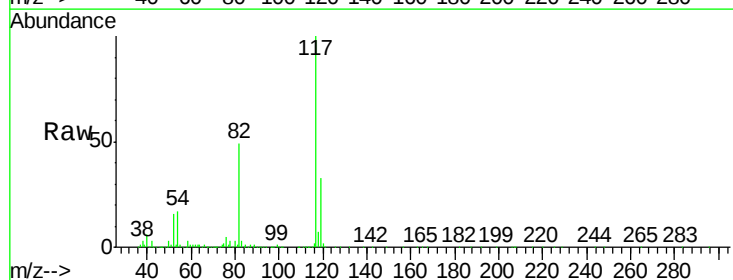
Manual Integrations
APPROVED

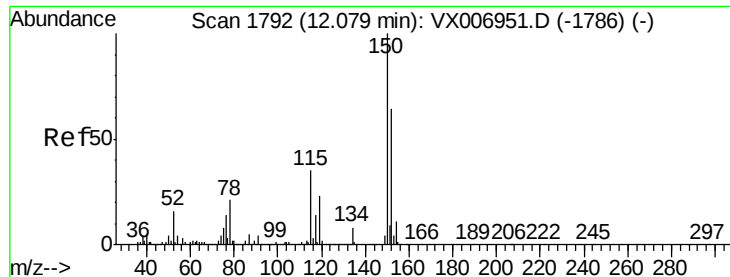
MMDadoda
1/28/2019 12:02:20 PM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX007252.D
Acq: 26 Jan 2019 01:34

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	834480		
82	48.8	41.0	61.6	
119	32.8	25.4	38.0	





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX007252.D

Acq: 26 Jan 2019 01:34

Instrument :

MSVOA_X

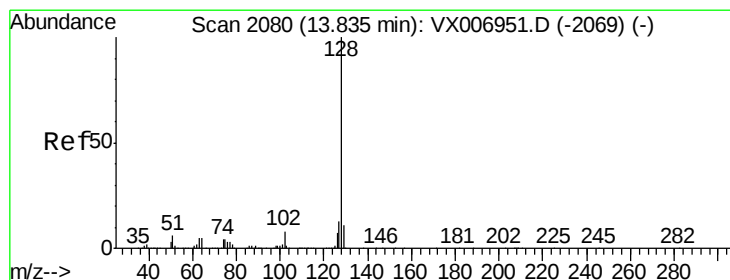
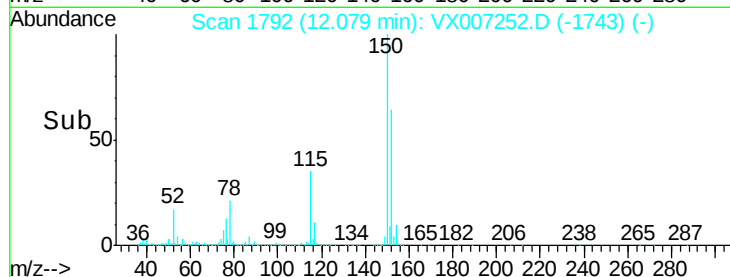
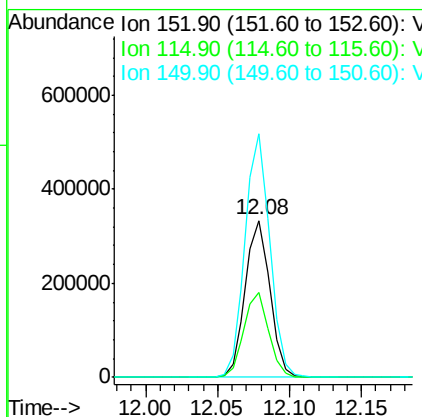
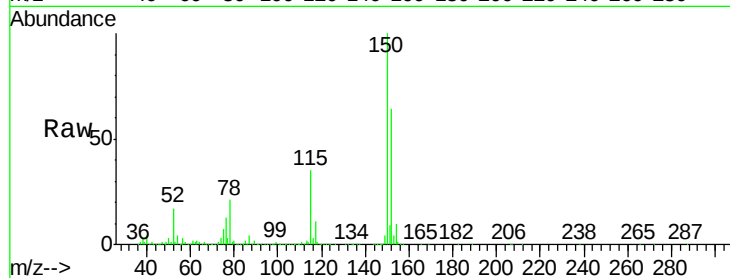
ClientSampleId :

S3

Tot Ion:	152	Resp:	397852
Ion Ratio	Lower	Upper	
152	100		
115	54.5	39.1	117.2
150	154.8	0.0	344.8

Manual Integrations
APPROVED

MMDadoda
1/28/2019 12:02:20 PM



#95

Naphthalene

Concen: 1.097 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007252.D

Acq: 26 Jan 2019 01:34

Tgt Ion:	128	Resp:	31446
Ion Ratio	Lower	Upper	
128	100		
127	14.4	10.1	15.1
129	11.6	8.6	13.0

