

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052019\
 Data File : VX009737.D
 Acq On : 20 May 2019 19:34
 Operator : JC/SP
 Sample : K2910-15
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S73-0235

Manual Integrations
 APPROVED

MMDadoda
 5/21/2019 9:13:52 AM

Quant Time: May 21 08:41:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	176004	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	280881	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	251627	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	110924	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	118442	49.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.60%	
35) Dibromofluoromethane	5.50	113	86584	49.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.08%	
50) Toluene-d8	8.71	98	356296	49.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.96%	
62) 4-Bromofluorobenzene	11.13	95	119764	46.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.48%	
Target Compounds						
4) Vinyl Chloride	1.41	62	37385	17.314	ug/l	99
16) Acetone	2.45	43	5258	4.076	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	1436	0.802	ug/l #	79
27) cis-1,2-Dichloroethene	4.60	96	22159	10.366	ug/l	89
44) Trichloroethene	7.22	130	1139	0.583	ug/l	87
85) sec-Butylbenzene	11.94	105	9874	1.261	ug/l	81

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

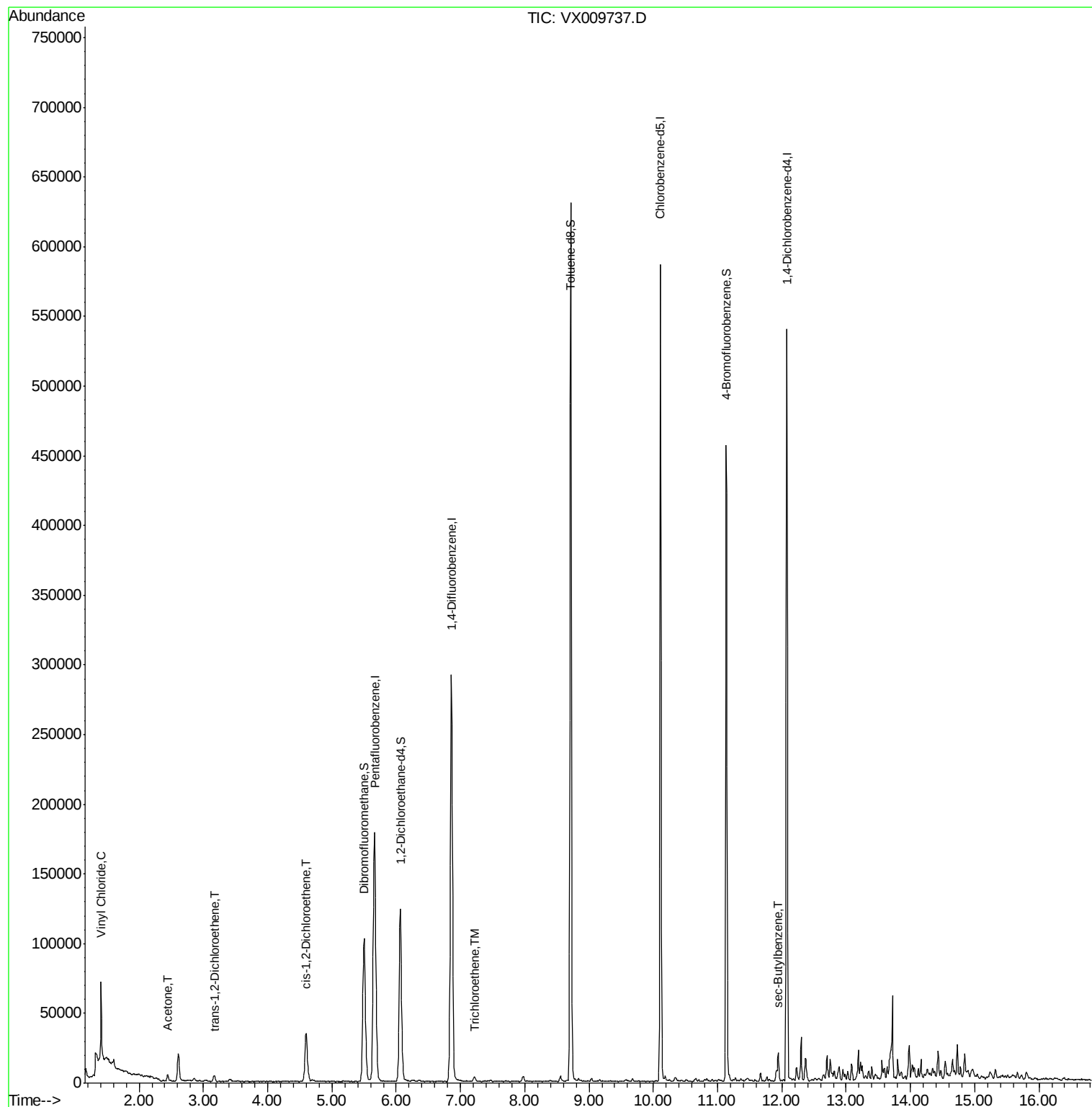
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX052019\
Data File : VX009737.D
Acq On : 20 May 2019 19:34
Operator : JC/SP
Sample : K2910-15
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 24 Sample Multiplier: 1

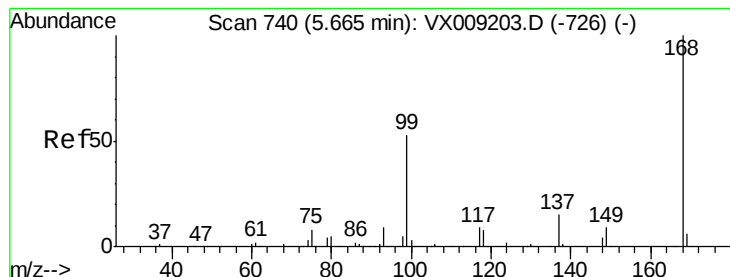
Instrument :
MSVOA_X
ClientSampleId :
S73-0235

Manual Integrations
APPROVED

MMDadoda
5/21/2019 9:13:52 AM

Quant Time: May 21 08:41:57 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX009737.D

Acq: 20 May 2019 19:34

Instrument :

MSVOA_X

ClientSampleId :

S73-0235

Tot Ion:168 Resp: 176004

Ion Ratio Lower Upper

168 100

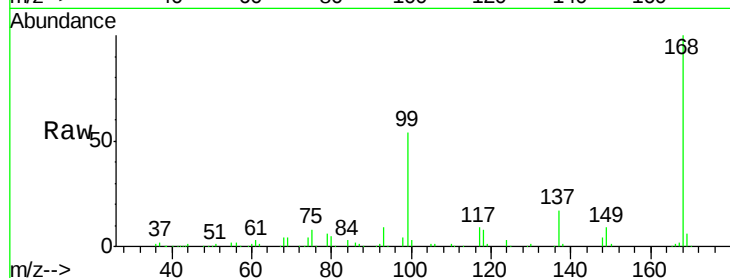
99 54.1 42.3 63.5

Manual Integrations

APPROVED

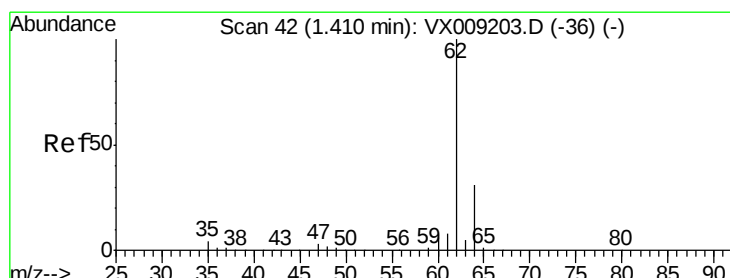
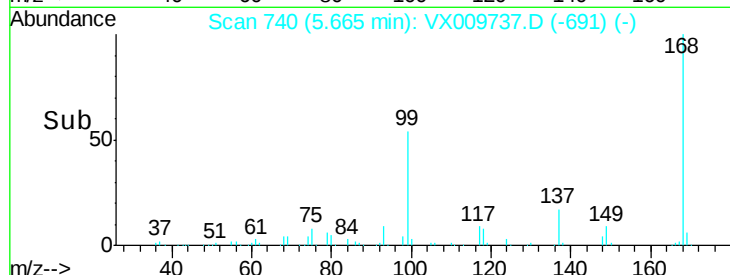
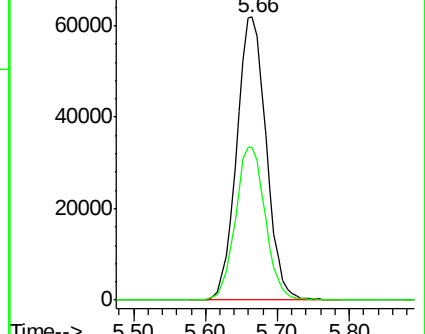
MMDadoda

5/21/2019 9:13:52 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 17.314 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX009737.D

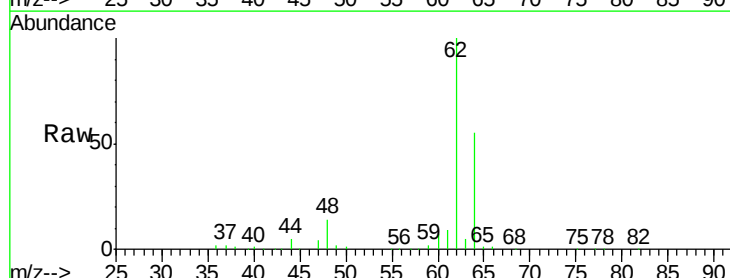
Acq: 20 May 2019 19:34

Tgt Ion: 62 Resp: 37385

Ion Ratio Lower Upper

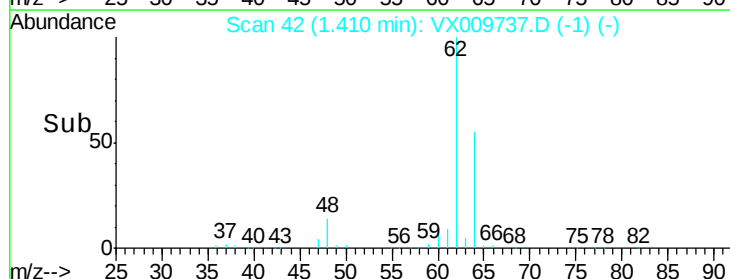
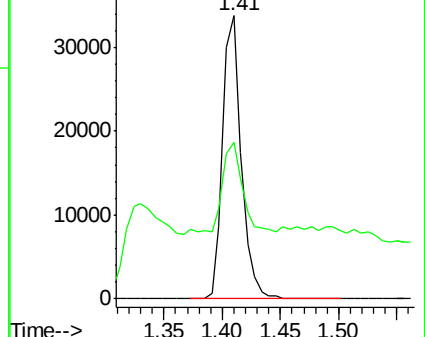
62 100

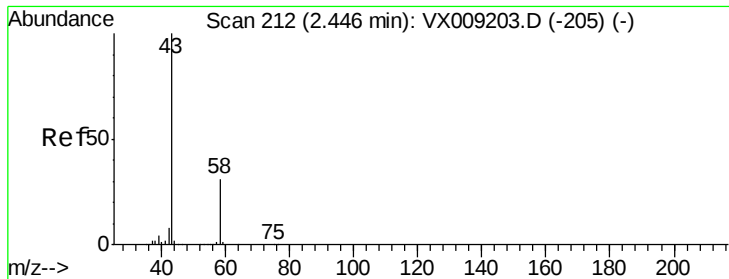
64 31.2 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#16

Acetone

Concen: 4.076 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX009737.D

Acq: 20 May 2019 19:34

Instrument :

MSVOA_X

ClientSampleId :

S73-0235

Tot Ion: 43 Resp: 5258

Ion Ratio Lower Upper

43 100

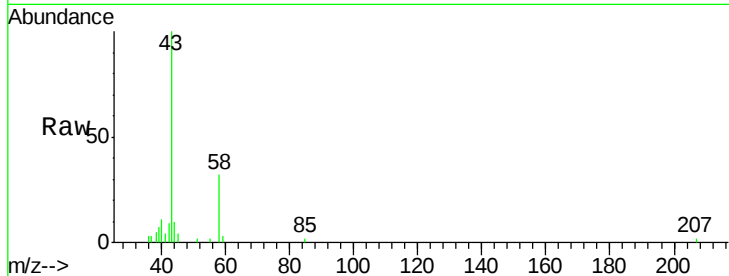
58 32.8 24.9 37.3

Manual Integrations

APPROVED

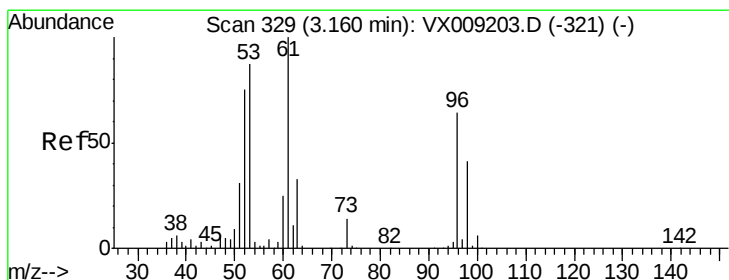
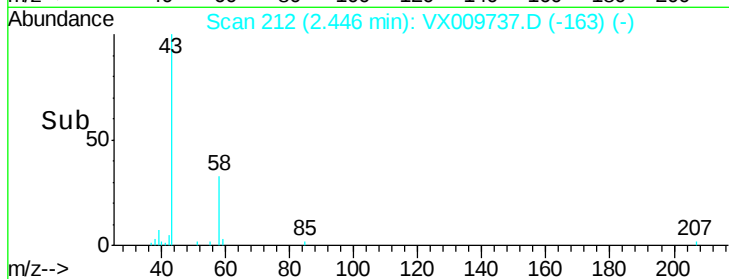
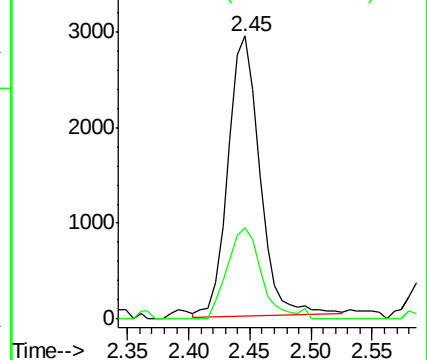
MMDadoda

5/21/2019 9:13:52 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#21

trans-1,2-Dichloroethene

Concen: 0.802 ug/l

RT: 3.17 min Scan# 331

Delta R.T. 0.01 min

Lab File: VX009737.D

Acq: 20 May 2019 19:34

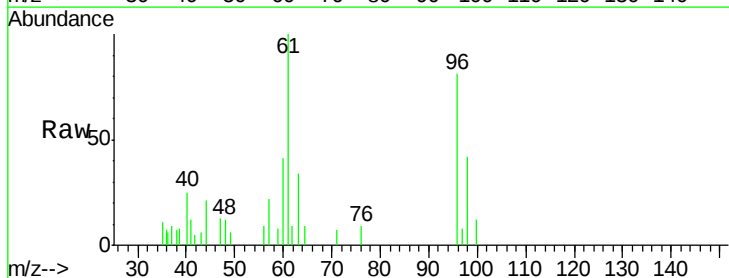
Tgt Ion: 96 Resp: 1436

Ion Ratio Lower Upper

96 100

61 124.0 124.5 186.7#

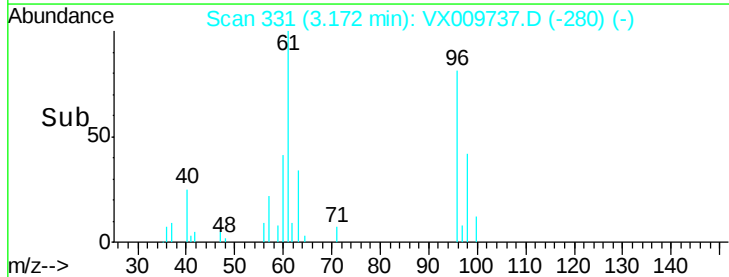
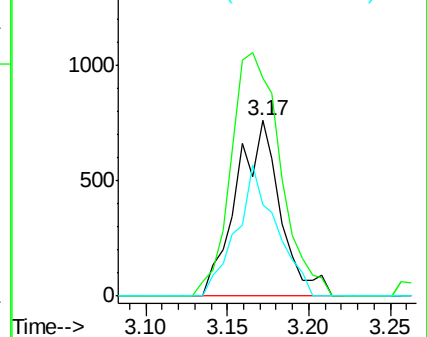
98 51.8 50.4 75.6

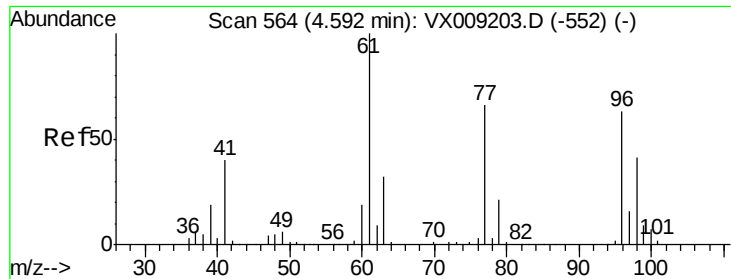


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#27

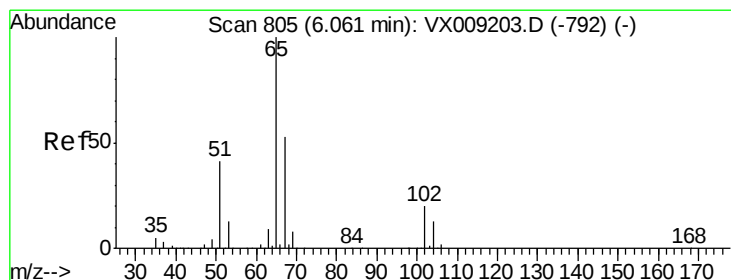
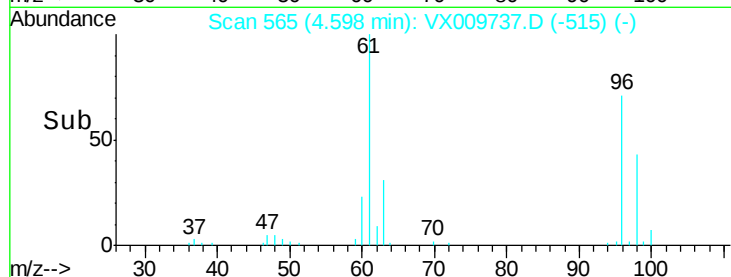
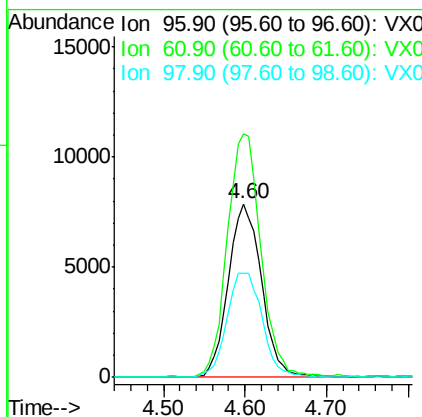
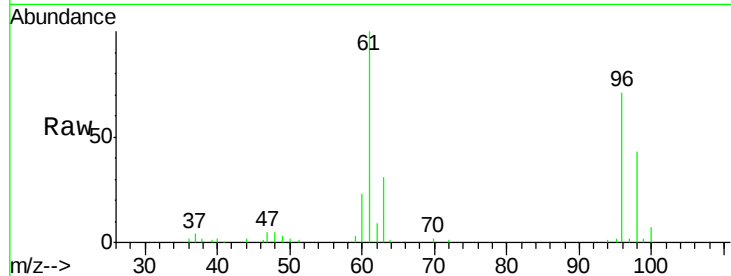
cis-1,2-Dichloroethene
Concen: 10.366 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX009737.D
Acq: 20 May 2019 19:34

Instrument :
MSVOA_X
ClientSampled :
S73-0235

Tot Ion	Ratio	Resp	Lower	Upper
96	100	22159		
61	142.1		0.0	324.0
98	64.0		0.0	130.4

Manual Integrations
APPROVED

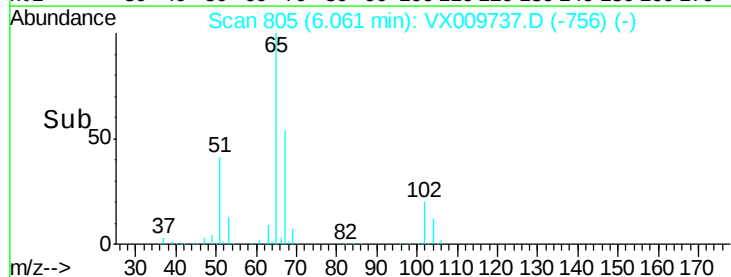
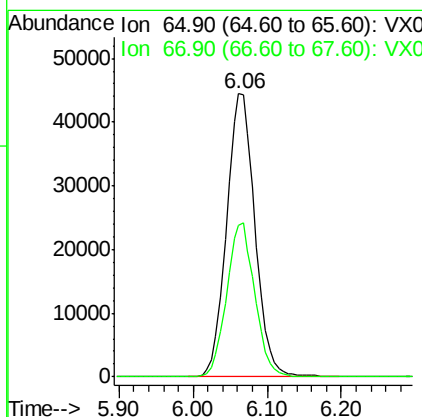
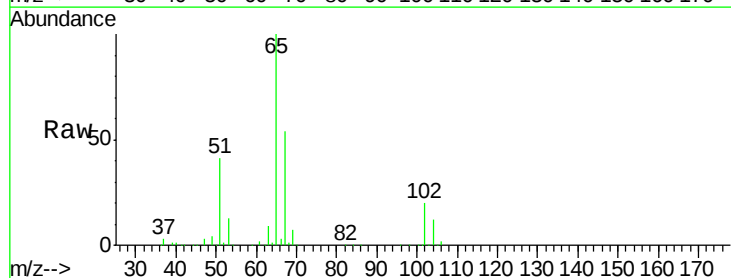
MMDadoda
5/21/2019 9:13:52 AM

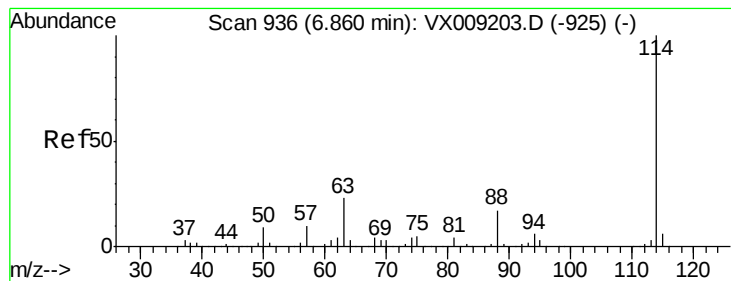


#33

1,2-Dichloroethane-d4
Concen: 49.296 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX009737.D
Acq: 20 May 2019 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	118442		
67	54.0		0.0	106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX009737.D

Acq: 20 May 2019 19:34

Instrument :

MSVOA_X

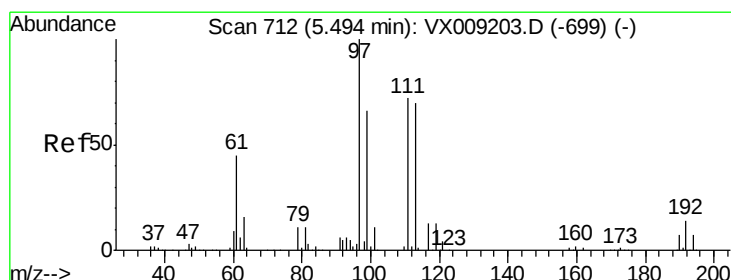
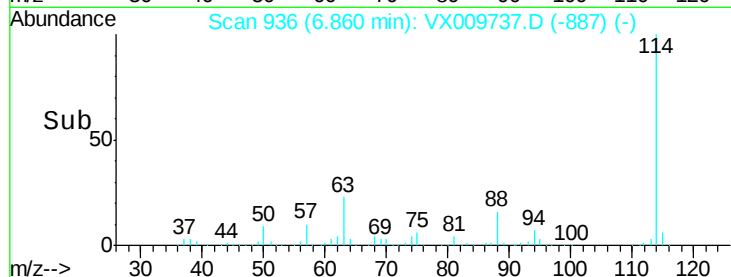
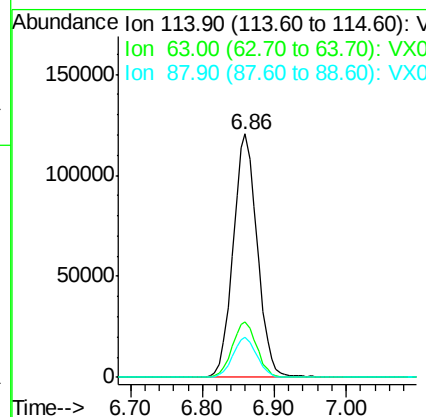
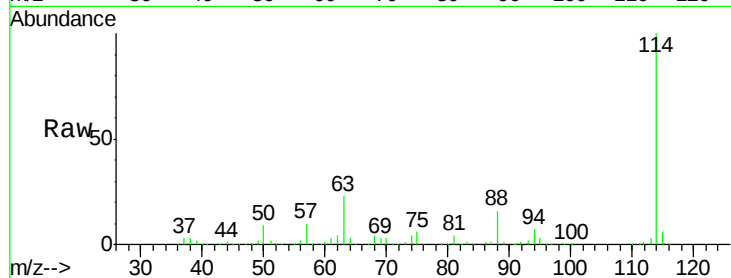
ClientSampleId :

S73-0235

Tot Ion:	114	Resp:	280881
Ion Ratio	Lower	Upper	
114	100		
63	22.8	0.0	45.6
88	16.4	0.0	33.2

Manual Integrations
APPROVED

MMDadoda
5/21/2019 9:13:52 AM



#35

Dibromofluoromethane

Concen: 49.036 ug/l

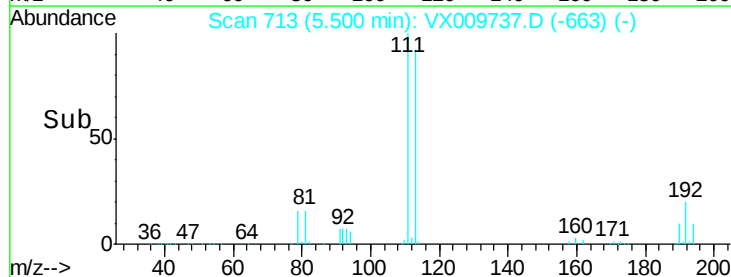
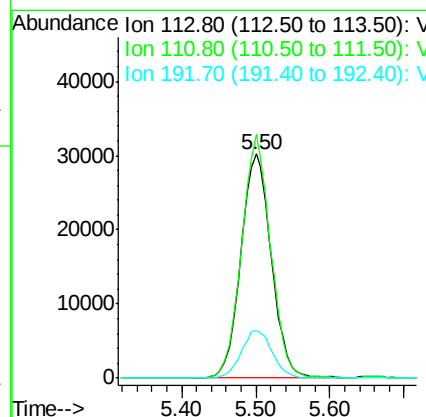
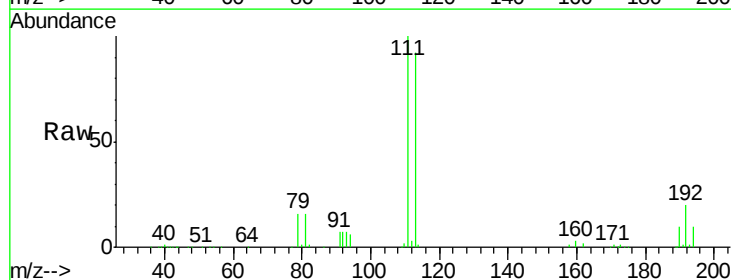
RT: 5.50 min Scan# 713

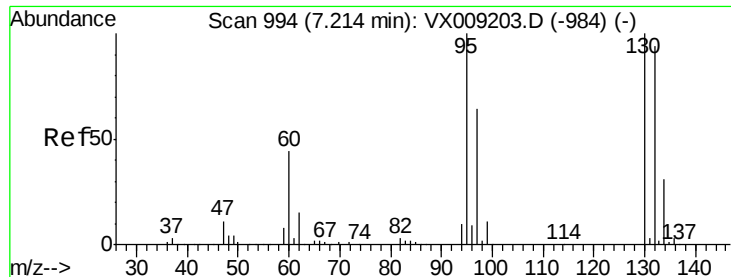
Delta R.T. 0.01 min

Lab File: VX009737.D

Acq: 20 May 2019 19:34

Tgt Ion:	113	Resp:	86584
Ion Ratio	Lower	Upper	
113	100		
111	103.7	82.8	124.2
192	21.8	17.0	25.6





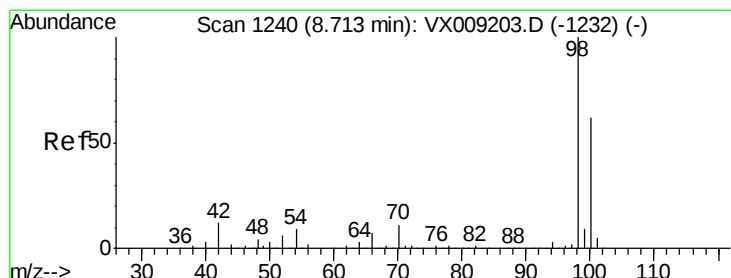
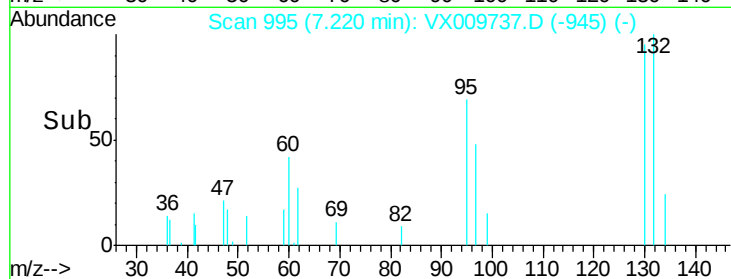
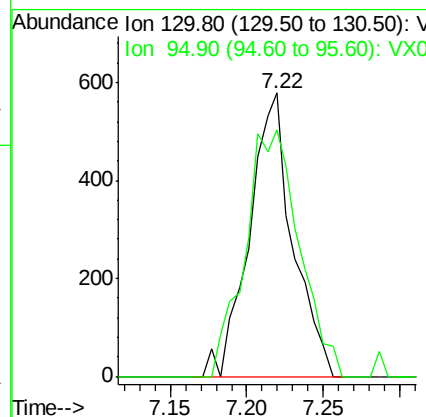
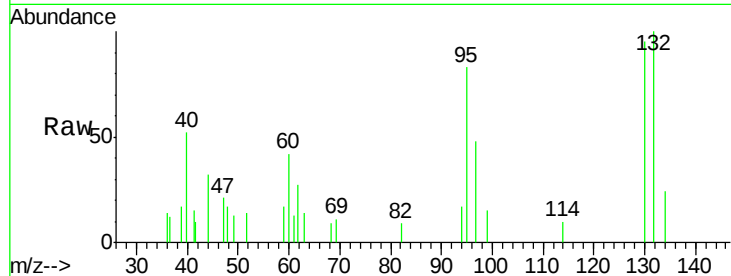
#44
 Trichloroethene
 Concen: 0.583 ug/l
 RT: 7.22 min Scan# 995
 Delta R.T. 0.01 min
 Lab File: VX009737.D
 Acq: 20 May 2019 19:34

Instrument :
 MSVOA_X
 ClientSampleId :
 S73-0235

Tot Ion:130 Resp: 1139
 Ion Ratio Lower Upper
 130 100
 95 86.9 0.0 199.2

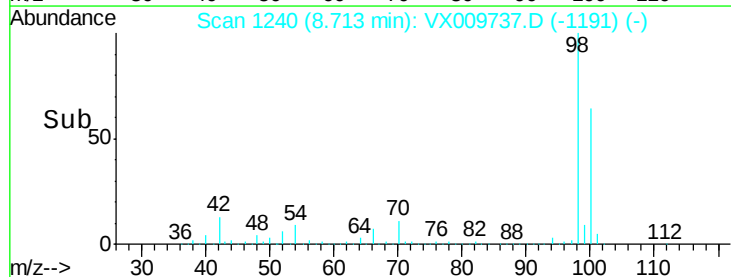
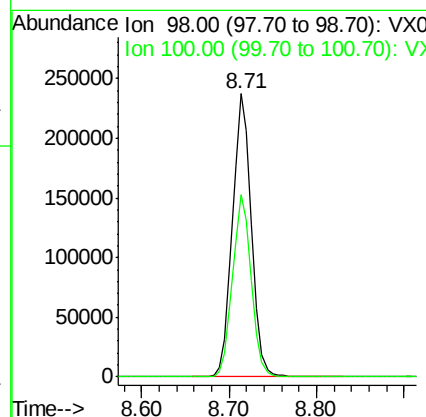
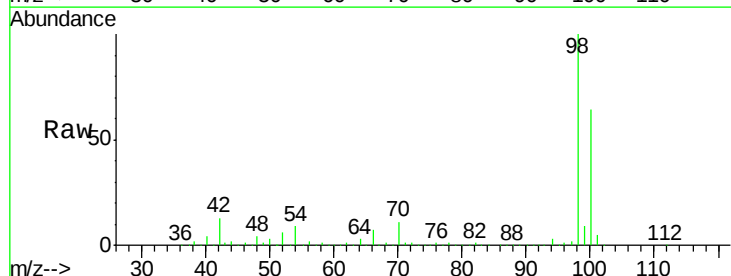
Manual Integrations
 APPROVED

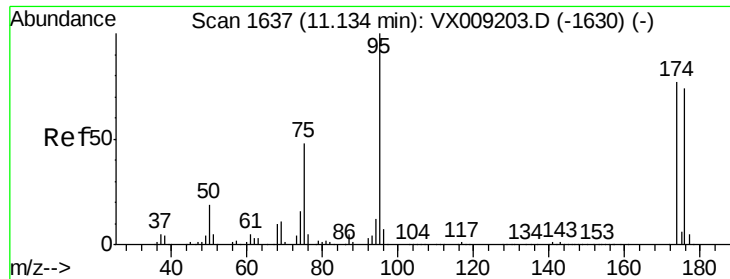
MMDadoda
 5/21/2019 9:13:52 AM



#50
 Toluene-d8
 Concen: 49.981 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX009737.D
 Acq: 20 May 2019 19:34

Tgt Ion: 98 Resp: 356296
 Ion Ratio Lower Upper
 98 100
 100 63.7 51.2 76.8





#62

4-Bromofluorobenzene

Concen: 46.236 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009737.D

Acq: 20 May 2019 19:34

Instrument :

MSVOA_X

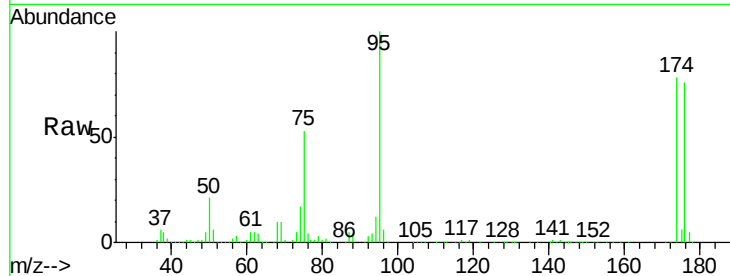
ClientSampleId :

S73-0235

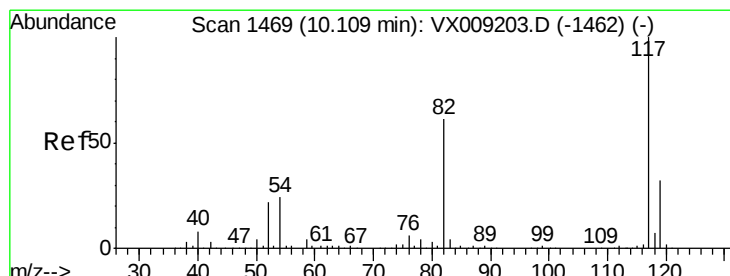
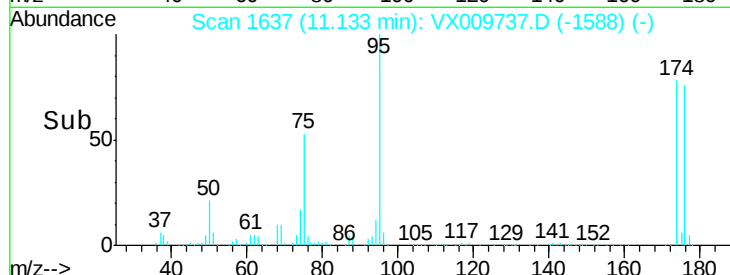
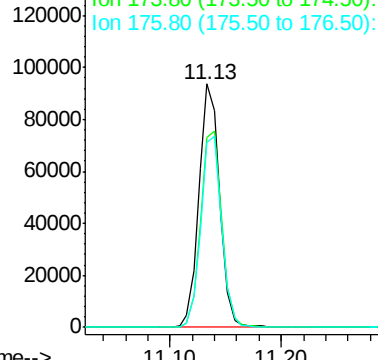
Tot Ion:	95	Resp:	119764
Ion	Ratio	Lower	Upper
95	100		
174	82.4	0.0	161.6
176	79.3	0.0	159.2

Manual Integrations
APPROVED

MMDadoda
5/21/2019 9:13:52 AM



Abundance Ion 94.90 (94.60 to 95.60): VX009737.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

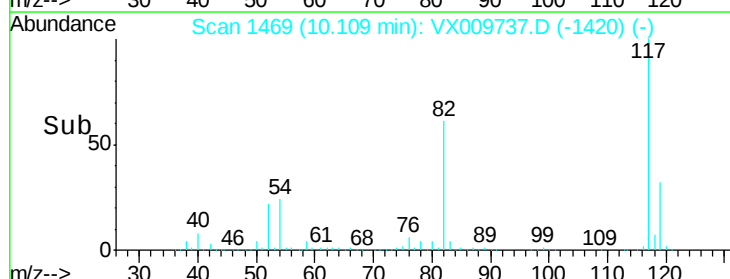
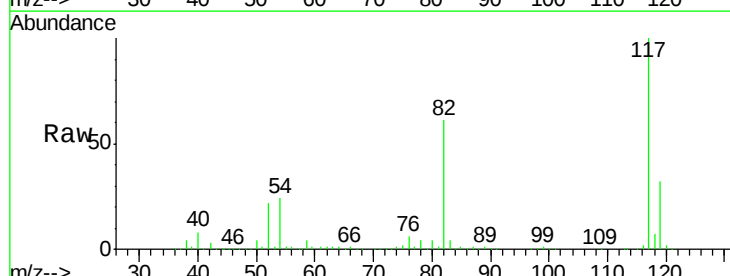
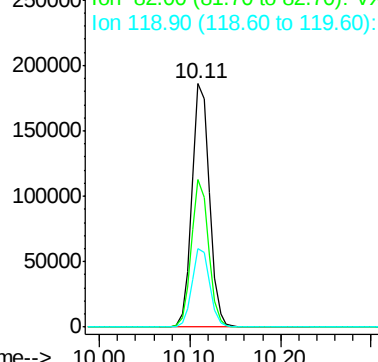
Delta R.T. -0.00 min

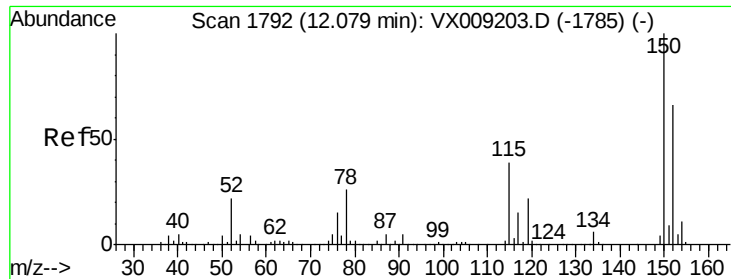
Lab File: VX009737.D

Acq: 20 May 2019 19:34

Tgt Ion:	117	Resp:	251627
Ion	Ratio	Lower	Upper
117	100		
82	60.5	48.8	73.2
119	32.1	25.8	38.6

Abundance Ion 116.90 (116.60 to 117.60): VX009737.D (-1420) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX009737.D

Acq: 20 May 2019 19:34

Instrument :

MSVOA_X

ClientSampleId :

S73-0235

Tot Ion:152 Resp: 110924

Ion Ratio Lower Upper

152 100

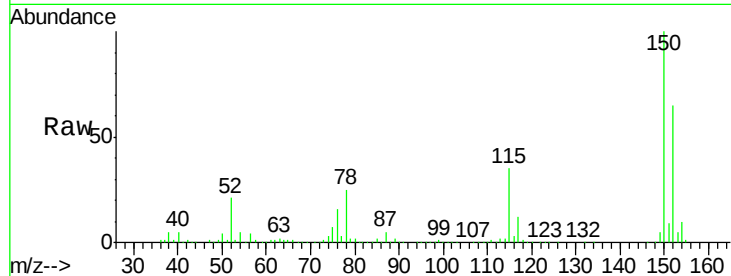
115 57.4 41.2 123.6

150 155.2 0.0 346.4

Manual Integrations
APPROVED

MMDadoda

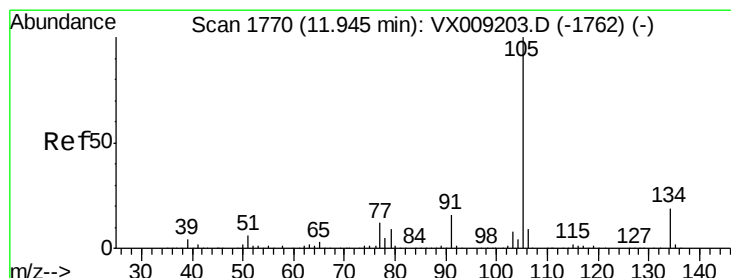
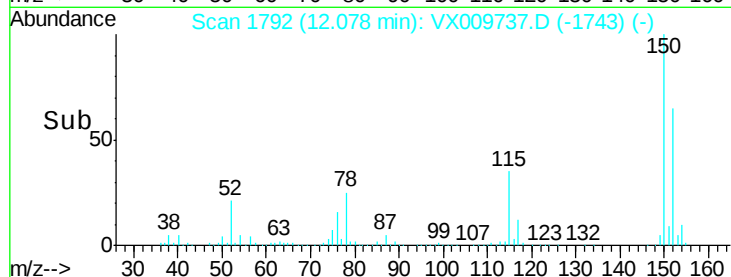
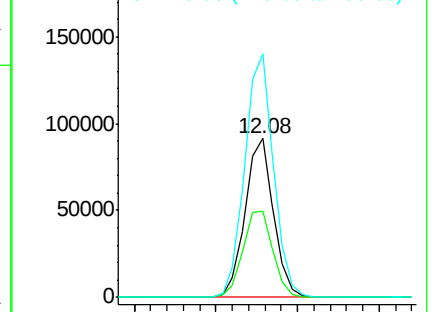
5/21/2019 9:13:52 AM



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



#85

sec-Butylbenzene

Concen: 1.261 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX009737.D

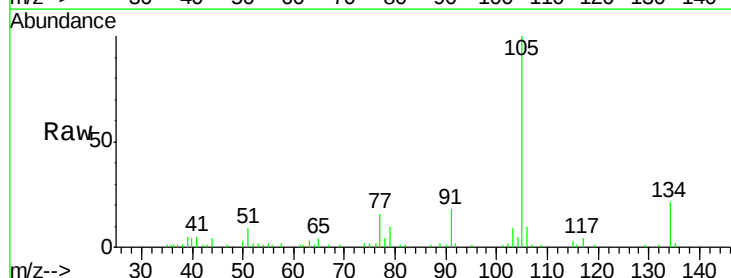
Acq: 20 May 2019 19:34

Tgt Ion:105 Resp: 9874

Ion Ratio Lower Upper

105 100

134 27.8 9.7 28.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

