

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070319\
 Data File : VX010658.D
 Acq On : 03 Jul 2019 22:15
 Operator : JC/SP
 Sample : PB121127TB
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB121127TB

Quant Time: Jul 04 05:34:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

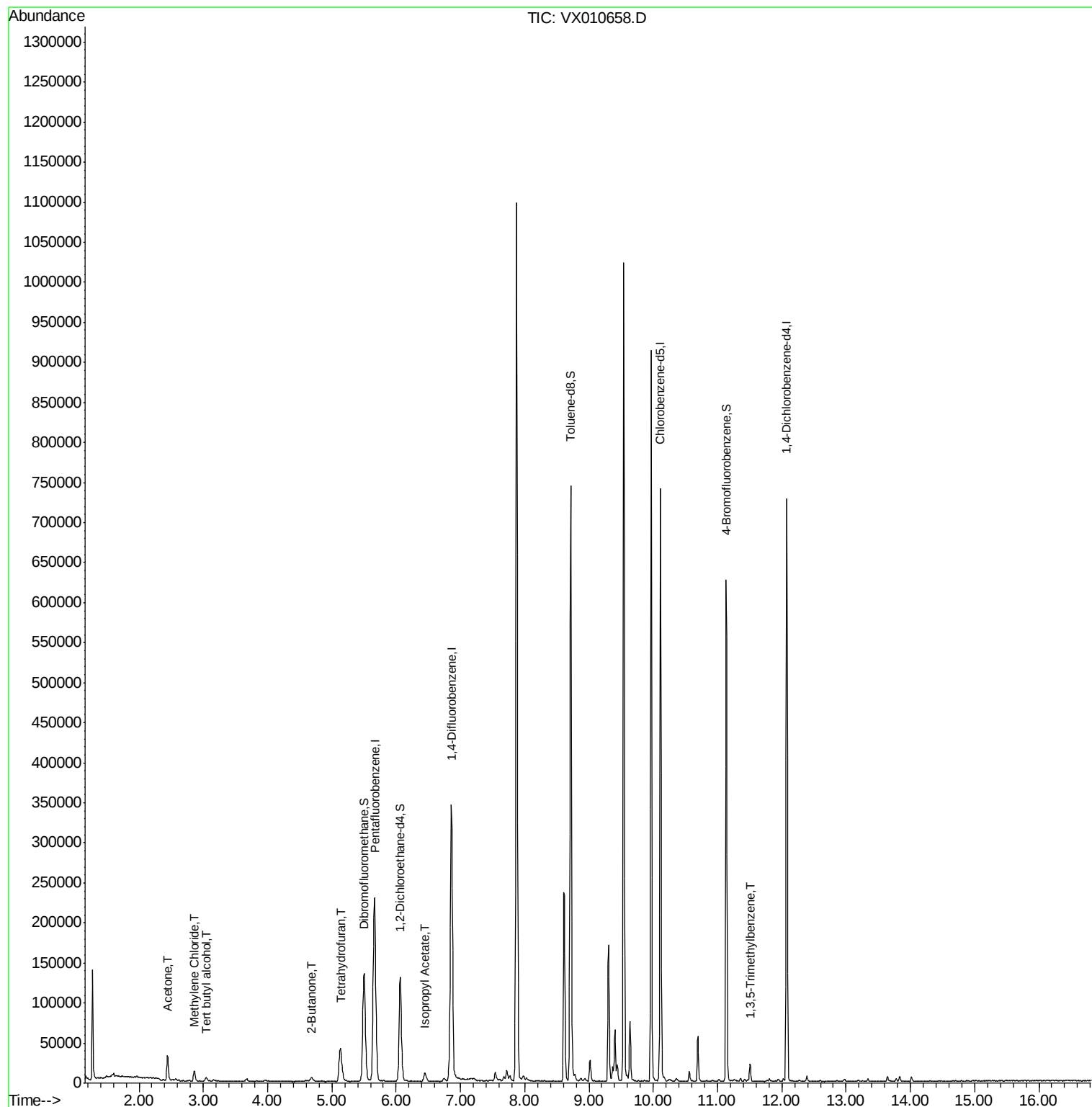
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	241843	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	371162	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	349384	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	160866	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	120759	53.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.52%	
35) Dibromofluoromethane	5.50	113	115228	50.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.48%	
50) Toluene-d8	8.71	98	451658	51.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.98%	
62) 4-Bromofluorobenzene	11.13	95	154368	49.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.42%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.04	59	5716	9.634	ug/l #	88
16) Acetone	2.44	43	32926	28.974	ug/l	96
20) Methylene Chloride	2.86	84	6458	2.761	ug/l #	86
25) 2-Butanone	4.68	43	9064	5.437	ug/l	96
29) Tetrahydrofuran	5.13	42	39458	38.215	ug/l	97
43) Isopropyl Acetate	6.44	43	15381	3.064	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	9054	1.007	ug/l	98

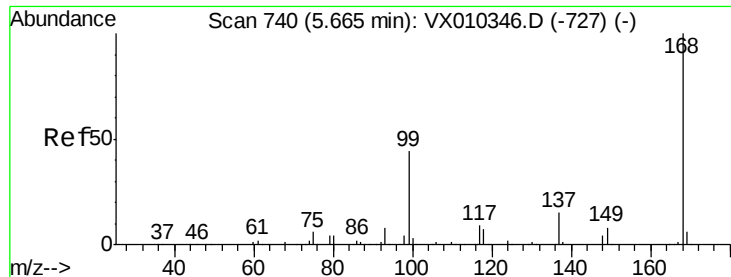
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX070319\
Data File : VX010658.D
Acq On : 03 Jul 2019 22:15
Operator : JC/SP
Sample : PB121127TB
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB121127TB

Quant Time: Jul 04 05:34:08 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 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: VX010658.D

Acq: 03 Jul 2019 22:15

Instrument :

MSVOA_X

ClientSampleId :

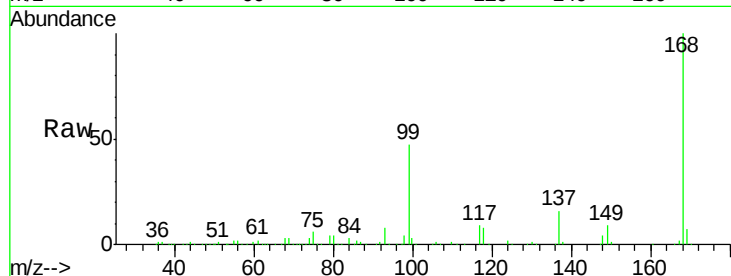
PB121127TB

Tot Ion:168 Resp: 241843

Ion Ratio Lower Upper

168 100

99 47.0 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

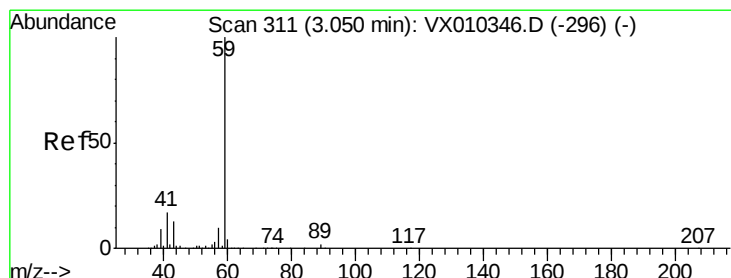
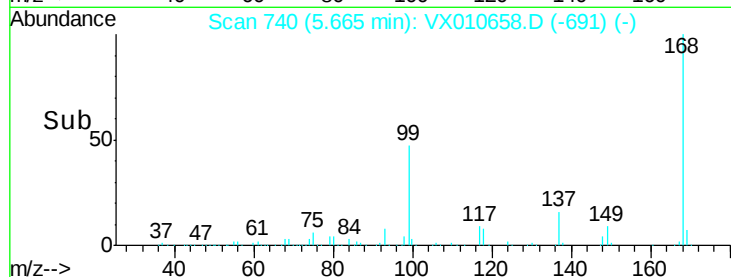
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#11

Tert butyl alcohol

Concen: 9.634 ug/l

RT: 3.04 min Scan# 310

Delta R.T. -0.01 min

Lab File: VX010658.D

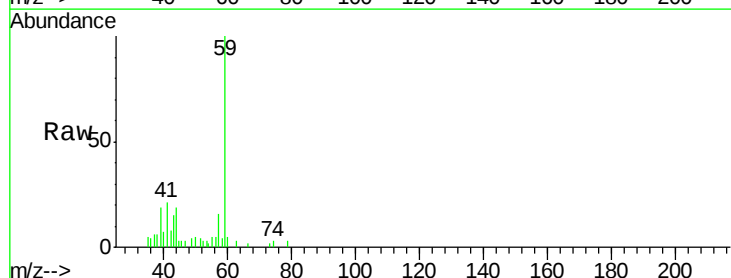
Acq: 03 Jul 2019 22:15

Tgt Ion: 59 Resp: 5716

Ion Ratio Lower Upper

59 100

57 14.2 7.7 11.5#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.04

2500

2000

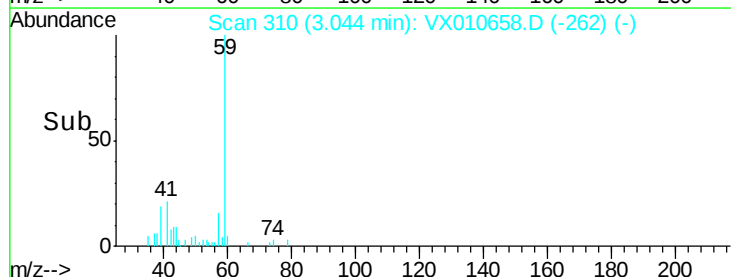
1500

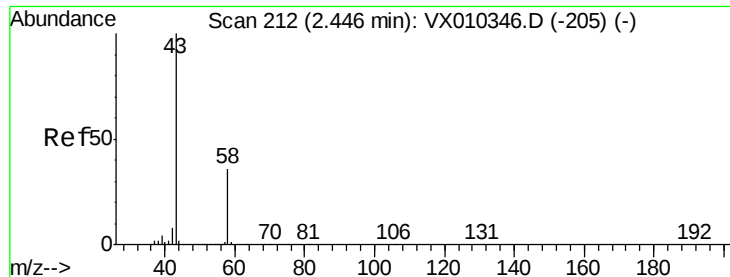
1000

500

0

Time--> 3.00 3.10

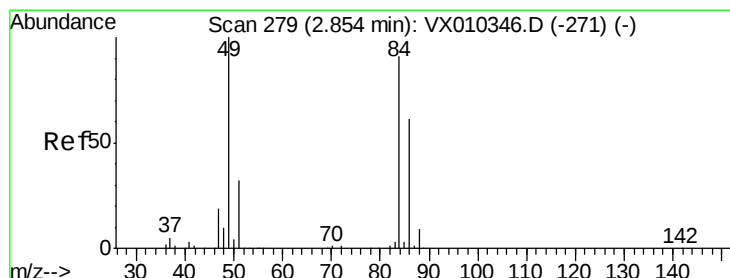
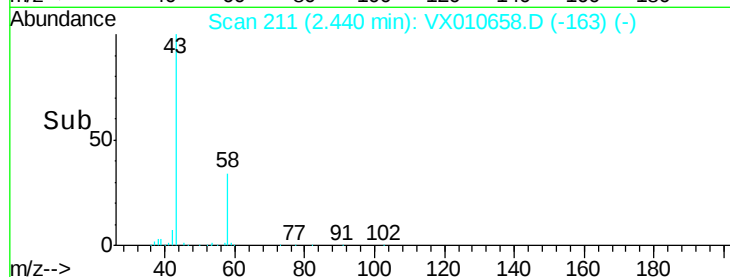
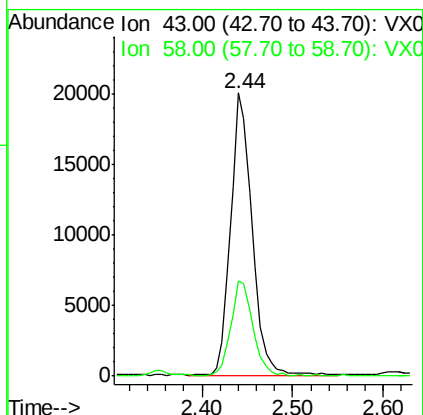
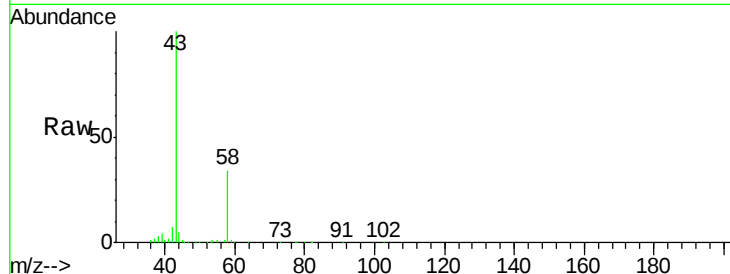




#16
Acetone
Concen: 28.974 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX010658.D
Acq: 03 Jul 2019 22:15

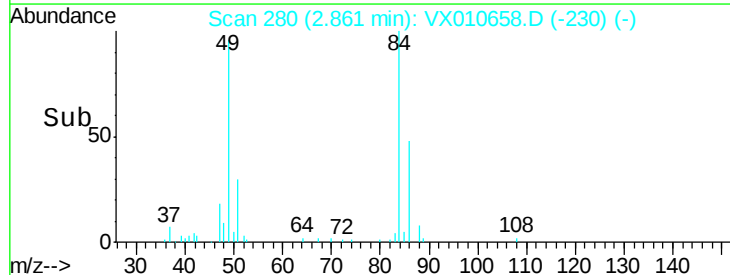
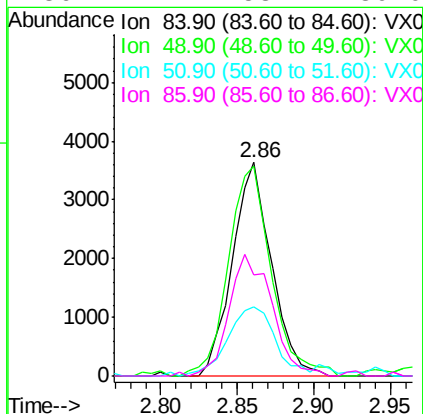
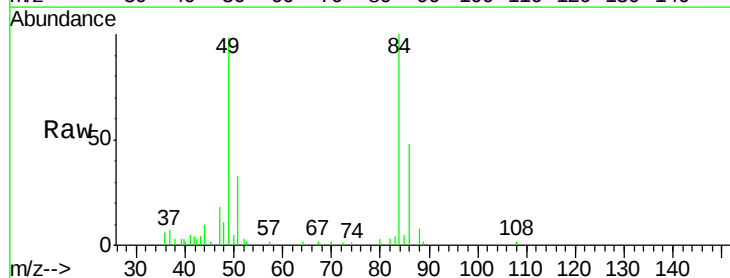
Instrument :
MSVOA_X
ClientSampleId :
PB121127TB

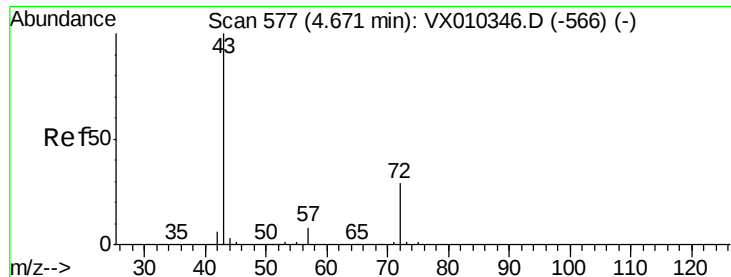
Tot Ion: 43 Resp: 32926
Ion Ratio Lower Upper
43 100
58 33.6 28.9 43.3



#20
Methylene Chloride
Concen: 2.761 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX010658.D
Acq: 03 Jul 2019 22:15

Tgt Ion: 84 Resp: 6458
Ion Ratio Lower Upper
84 100
49 98.2 87.5 131.3
51 31.1 27.7 41.5
86 47.7 53.4 80.0#





#25

2-Butanone

Concen: 5.437 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.01 min

Lab File: VX010658.D

Acq: 03 Jul 2019 22:15

Instrument :

MSVOA_X

ClientSampleId :

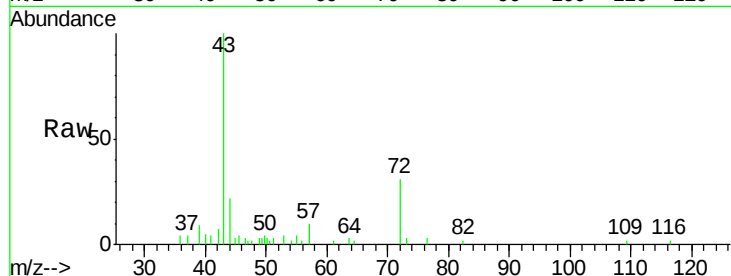
PB121127TB

Tot Ion: 43 Resp: 9064

Ion Ratio Lower Upper

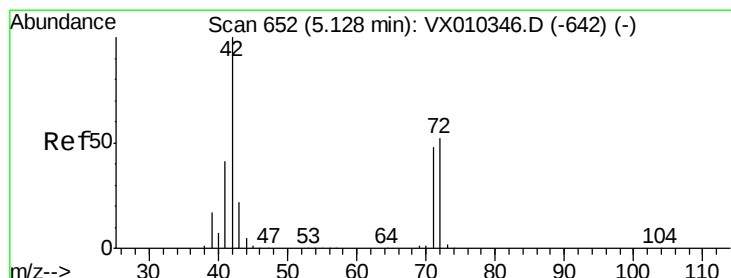
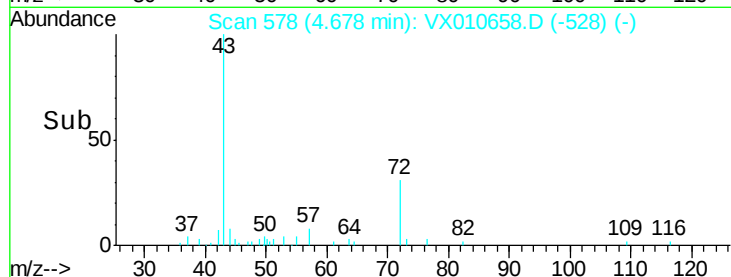
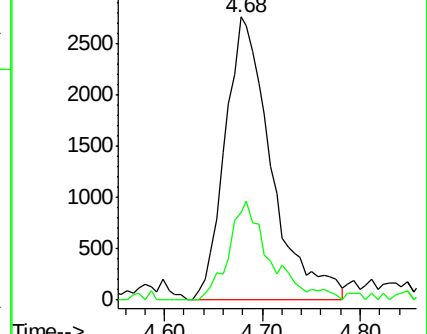
43 100

72 31.0 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#29

Tetrahydrofuran

Concen: 38.215 ug/l

RT: 5.13 min Scan# 653

Delta R.T. 0.01 min

Lab File: VX010658.D

Acq: 03 Jul 2019 22:15

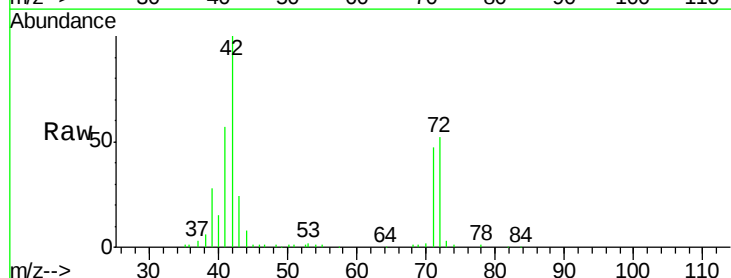
Tgt Ion: 42 Resp: 39458

Ion Ratio Lower Upper

42 100

72 48.9 40.6 60.8

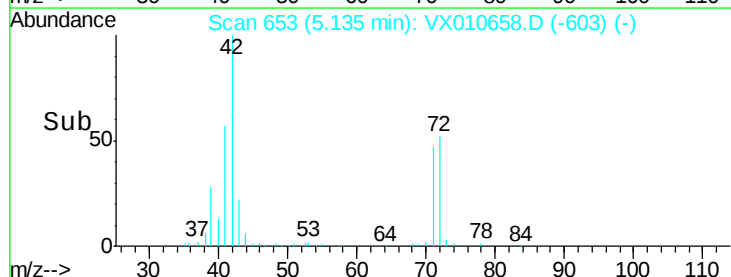
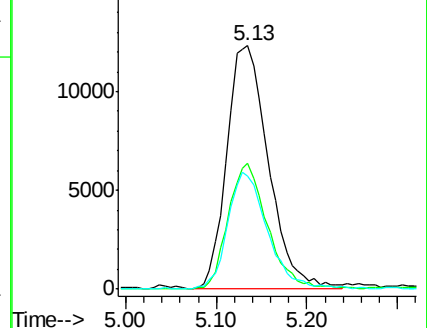
71 45.4 37.8 56.8

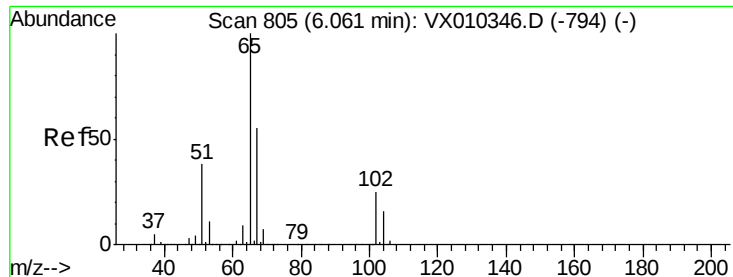


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 53.256 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010658.D

Acq: 03 Jul 2019 22:15

Instrument :

MSVOA_X

ClientSampleId :

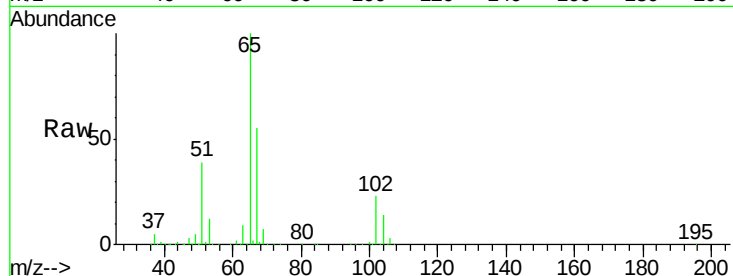
PB121127TB

Tot Ion: 65 Resp: 120759

Ion Ratio Lower Upper

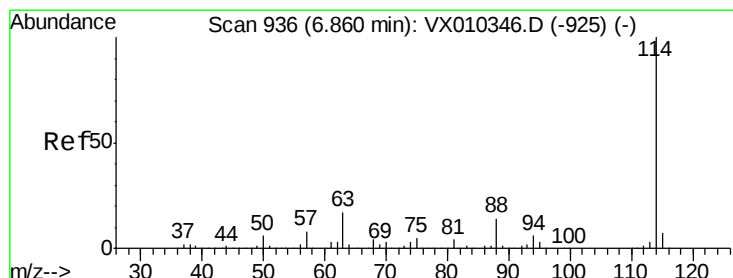
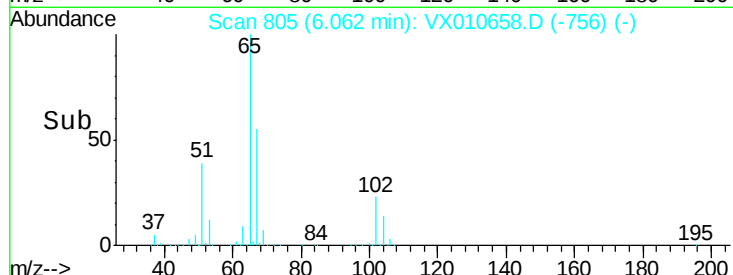
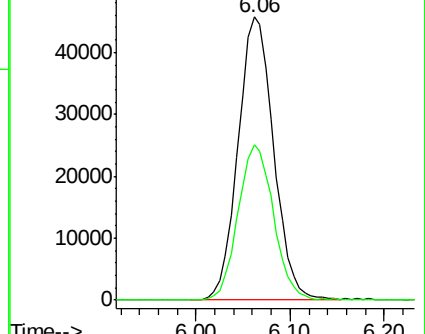
65 100

67 54.9 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010658.D

Acq: 03 Jul 2019 22:15

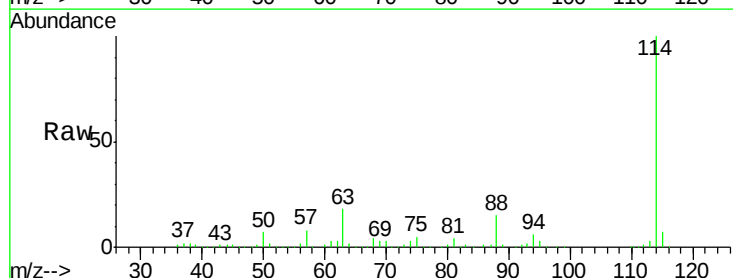
Tgt Ion: 114 Resp: 371162

Ion Ratio Lower Upper

114 100

63 17.6 0.0 33.8

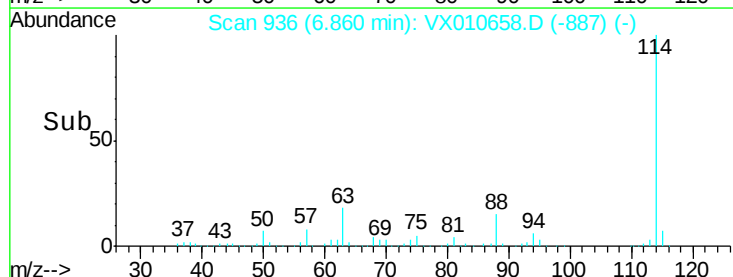
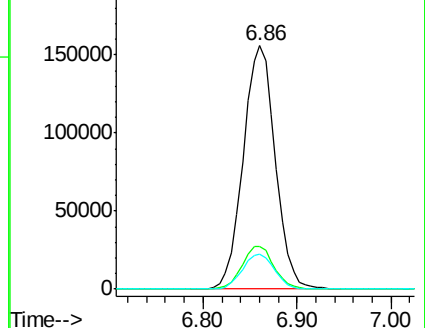
88 14.6 0.0 27.6

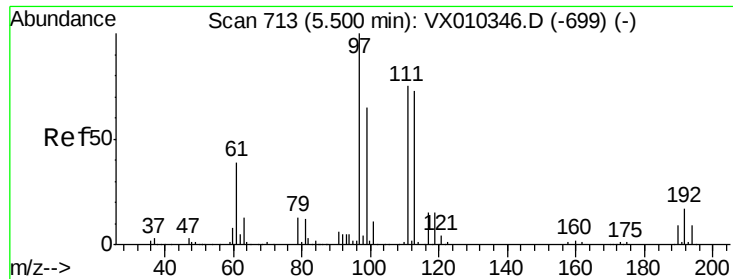


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

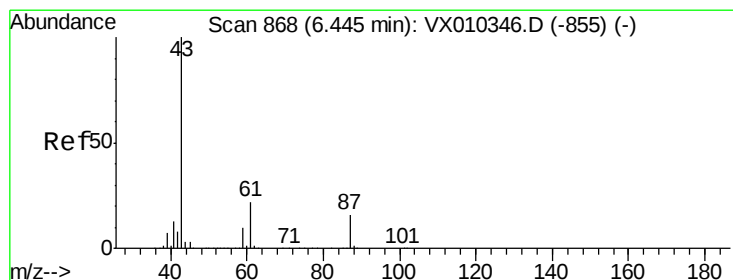
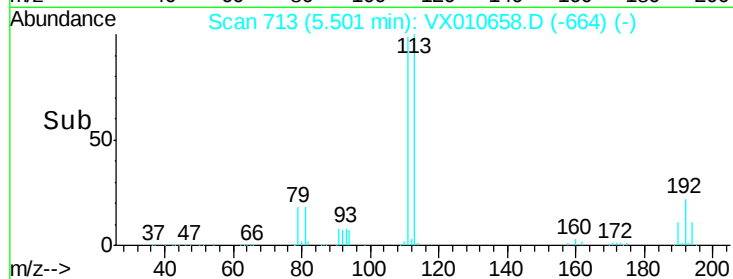
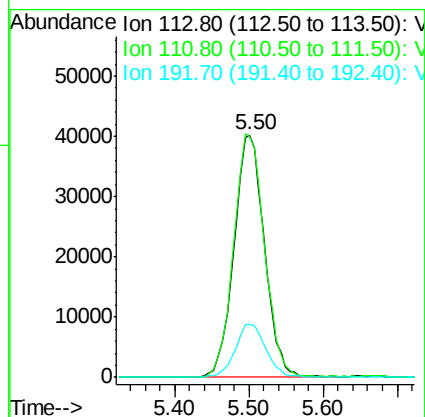
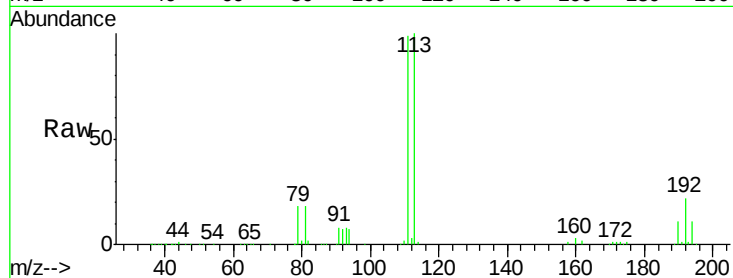




#35
 Dibromofluoromethane
 Concen: 50.741 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX010658.D
 Acq: 03 Jul 2019 22:15

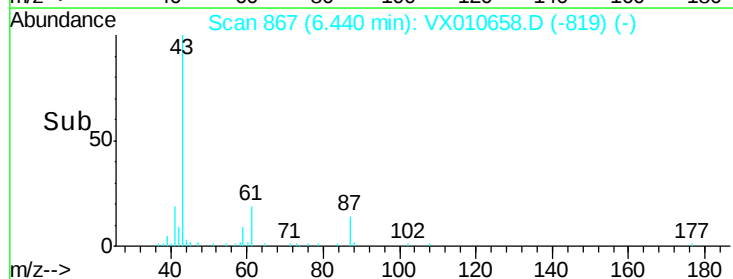
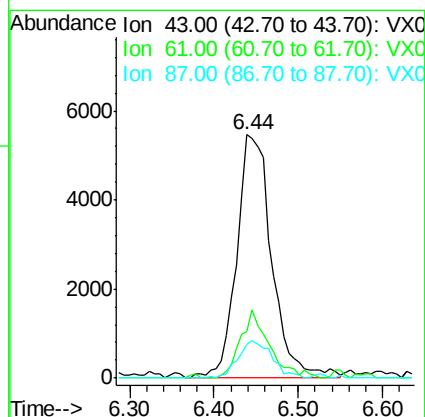
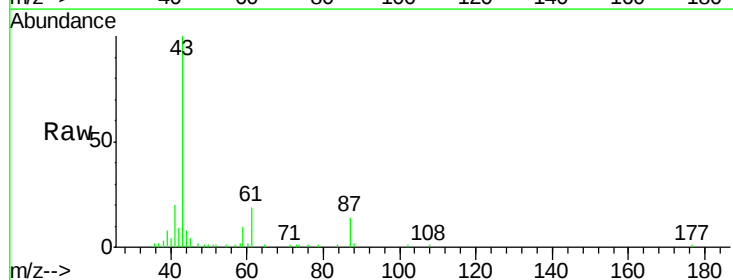
Instrument :
 MSVOA_X
 ClientSampleId :
 PB121127TB

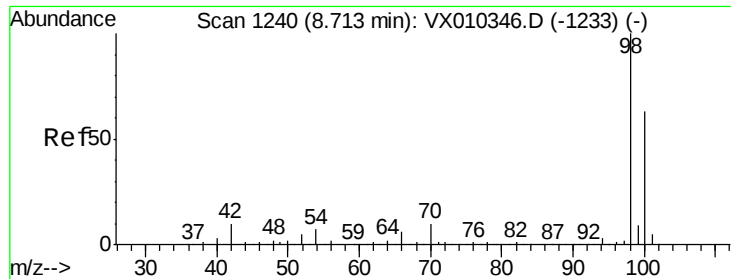
Tot Ion:113 Resp: 115228
 Ion Ratio Lower Upper
 113 100
 111 101.4 81.2 121.8
 192 22.0 18.6 27.8



#43
 Isopropyl Acetate
 Concen: 3.064 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: VX010658.D
 Acq: 03 Jul 2019 22:15

Tgt Ion: 43 Resp: 15381
 Ion Ratio Lower Upper
 43 100
 61 23.0 17.8 26.6
 87 14.9 13.0 19.4

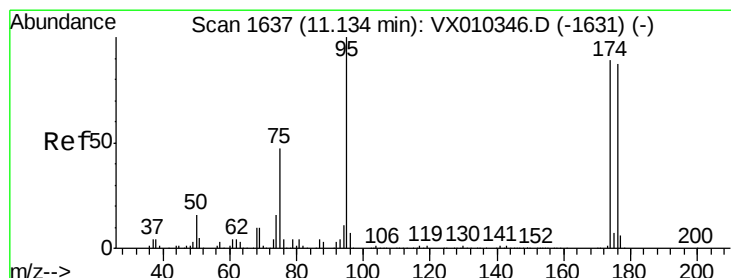
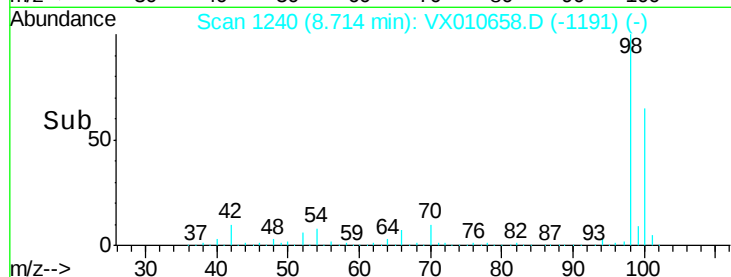
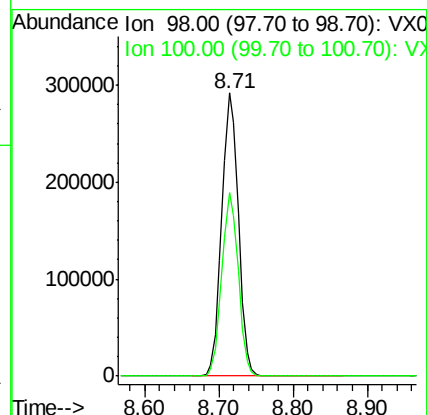
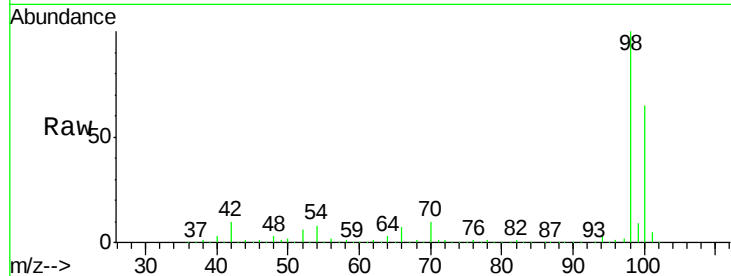




#50
Toluene-d8
Concen: 51.986 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010658.D
Acq: 03 Jul 2019 22:15

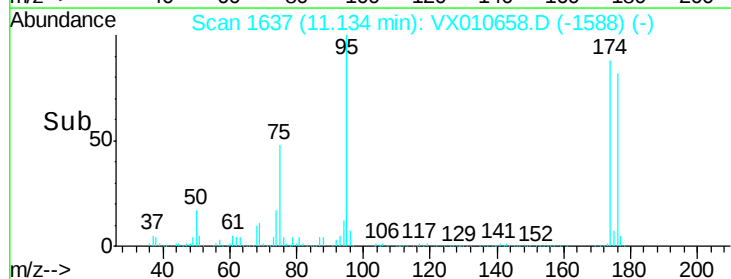
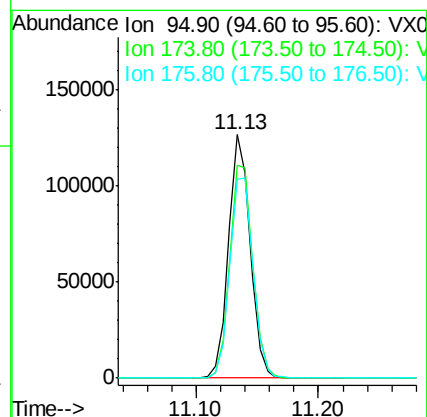
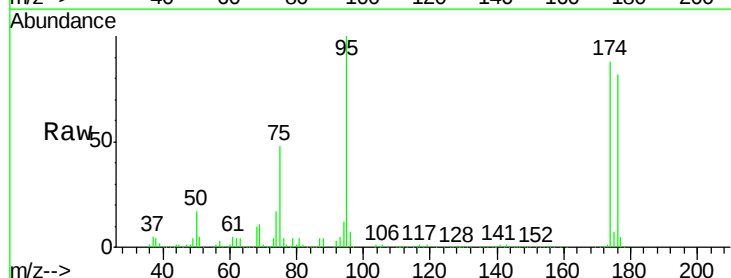
Instrument :
MSVOA_X
ClientSampleId :
PB121127TB

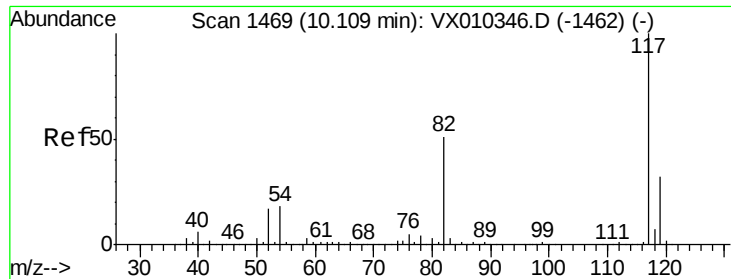
Tot Ion: 98 Resp: 451658
Ion Ratio Lower Upper
98 100
100 64.2 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 49.215 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010658.D
Acq: 03 Jul 2019 22:15

Tgt Ion: 95 Resp: 154368
Ion Ratio Lower Upper
95 100
174 92.8 0.0 187.6
176 88.2 0.0 184.0

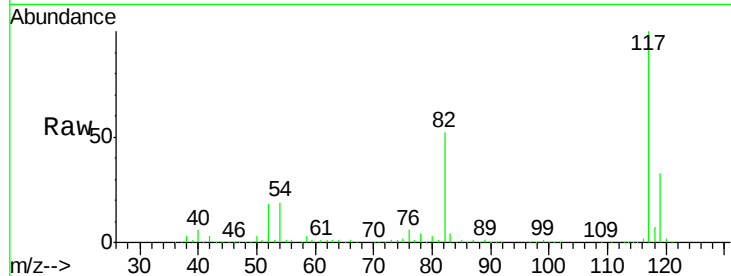




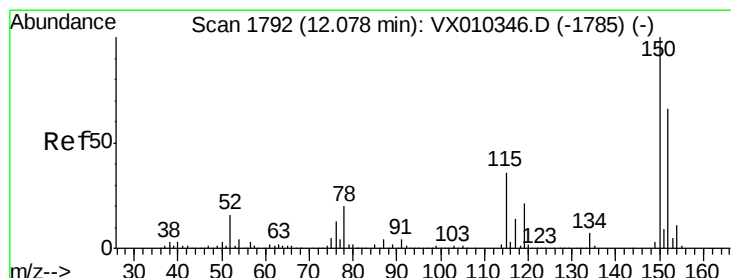
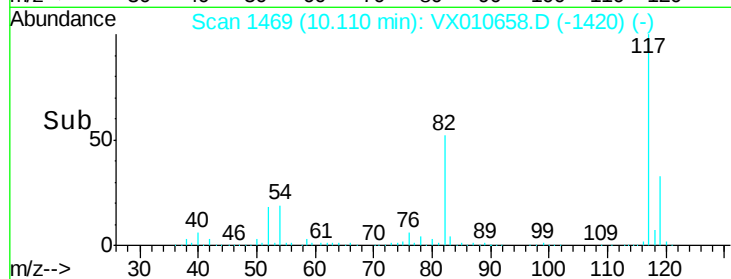
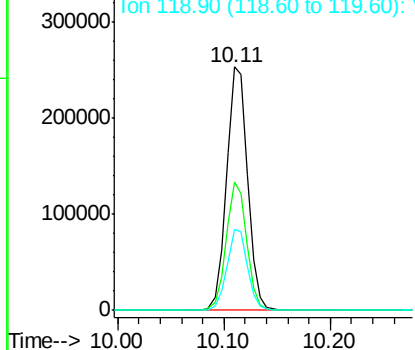
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010658.D
Acq: 03 Jul 2019 22:15

Instrument :
MSVOA_X
ClientSampleId :
PB121127TB

Tot Ion:117 Resp: 349384
Ion Ratio Lower Upper
117 100
82 52.5 41.2 61.8
119 33.1 25.5 38.3

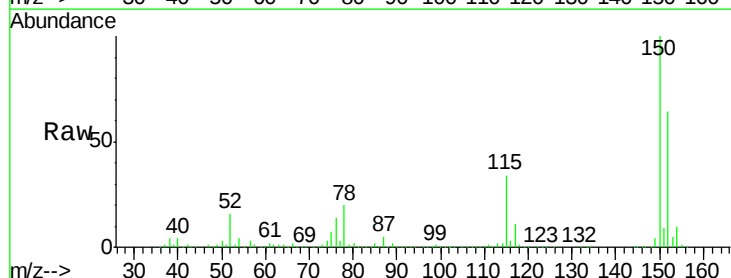


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

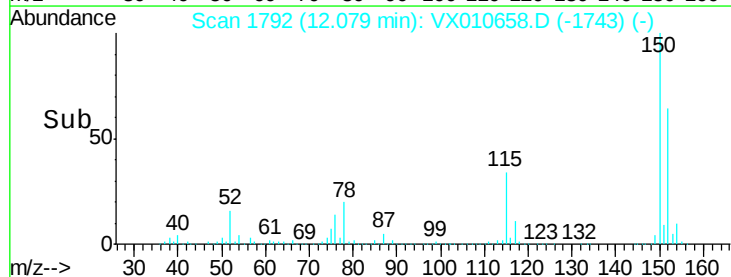
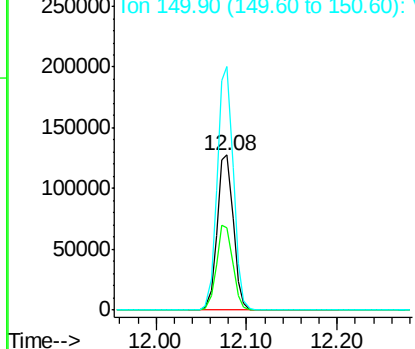


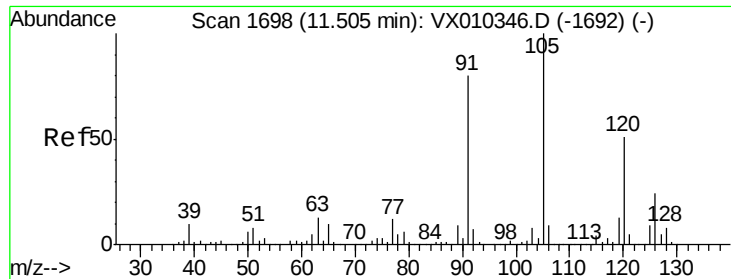
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010658.D
Acq: 03 Jul 2019 22:15

Tgt Ion:152 Resp: 160866
Ion Ratio Lower Upper
152 100
115 54.9 38.6 115.7
150 155.3 0.0 347.4



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





#80
 1,3,5-Trimethylbenzene
 Concen: 1.007 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX010658.D
 Acq: 03 Jul 2019 22:15

Instrument :
 MSVOA_X
 ClientSampleId :
 PB121127TB

Tot Ion:105 Resp: 9054
 Ion Ratio Lower Upper
 105 100
 120 49.1 25.2 75.6

