

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052019\
 Data File : VX009735.D
 Acq On : 20 May 2019 18:47
 Operator : JC/SP
 Sample : K2910-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S81-0103

Quant Time: May 21 08:38:17 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

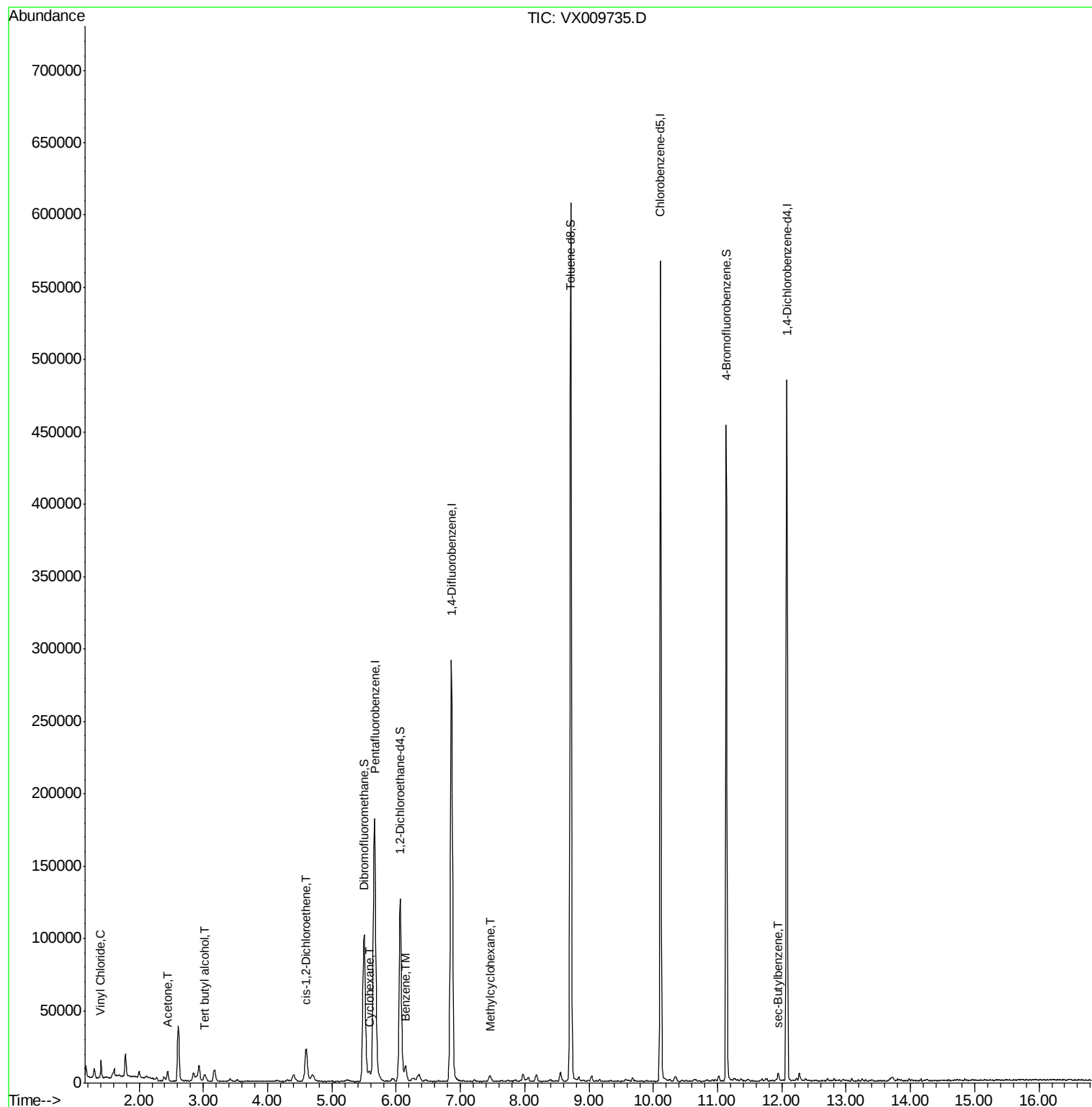
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	177905	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	282328	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	246788	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	100905	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	118586	48.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.66%	
35) Dibromofluoromethane	5.50	113	86159	48.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.10%	
50) Toluene-d8	8.71	98	354997	49.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.08%	
62) 4-Bromofluorobenzene	11.13	95	115545	44.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.76%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.41	62	6395	2.930	ug/l	94
11) Tert butyl alcohol	3.03	59	4051	7.206	ug/l	96
16) Acetone	2.45	43	7481	5.737	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	14543	6.730	ug/l	89
31) Cyclohexane	5.59	56	4039	1.125	ug/l #	86
39) Methylcyclohexane	7.46	83	1412	0.438	ug/l #	84
40) Benzene	6.15	78	11360	1.399	ug/l #	87
85) sec-Butylbenzene	11.94	105	2480	0.348	ug/l	83

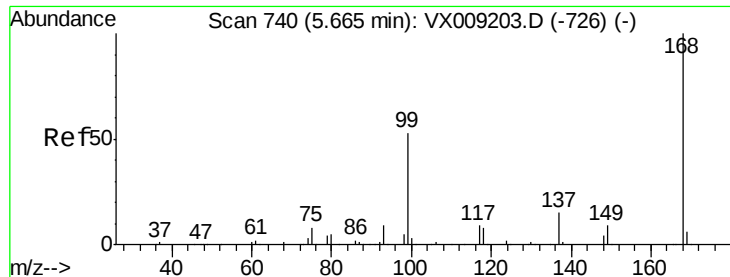
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX052019\
Data File : VX009735.D
Acq On : 20 May 2019 18:47
Operator : JC/SP
Sample : K2910-07
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
S81-0103

Quant Time: May 21 08:38:17 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

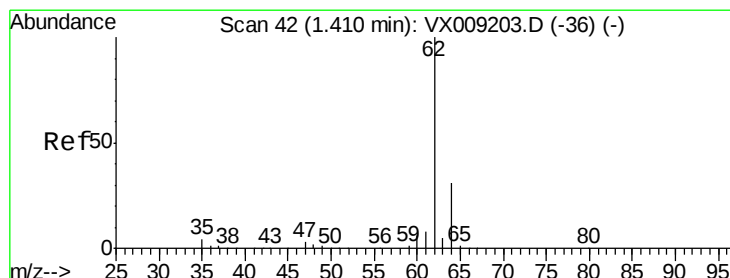
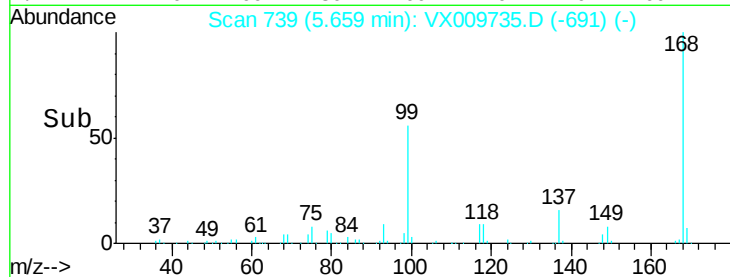
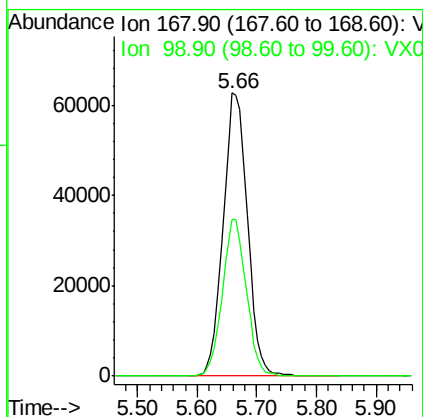
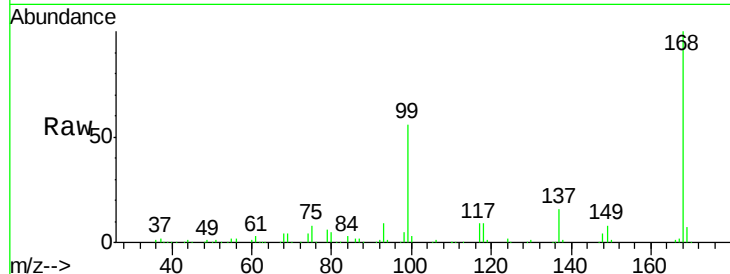




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.01 min
Lab File: VX009735.D
Acq: 20 May 2019 18:47

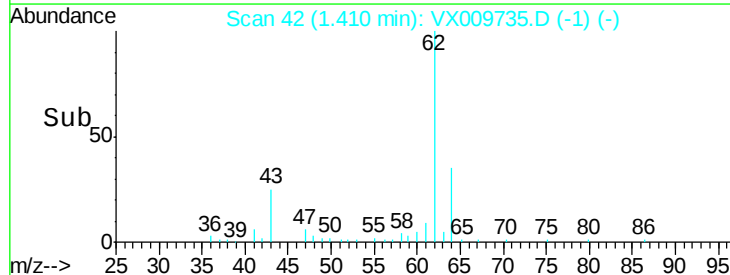
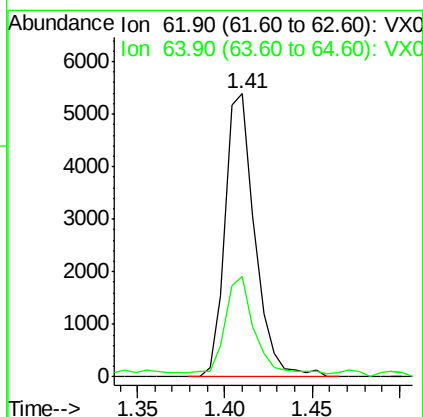
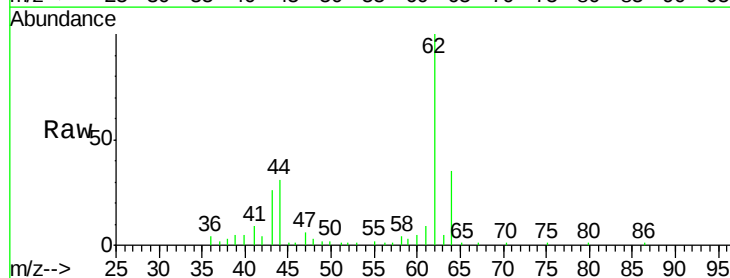
Instrument :
MSVOA_X
ClientSampleId :
S81-0103

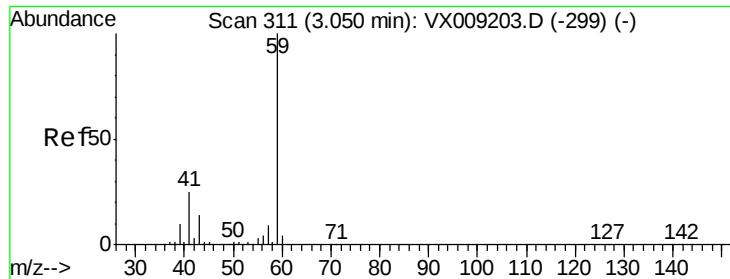
Tot Ion:168 Resp: 177905
Ion Ratio Lower Upper
168 100
99 55.5 42.3 63.5



#4
Vinyl Chloride
Concen: 2.930 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX009735.D
Acq: 20 May 2019 18:47

Tgt Ion: 62 Resp: 6395
Ion Ratio Lower Upper
62 100
64 34.1 24.6 36.8

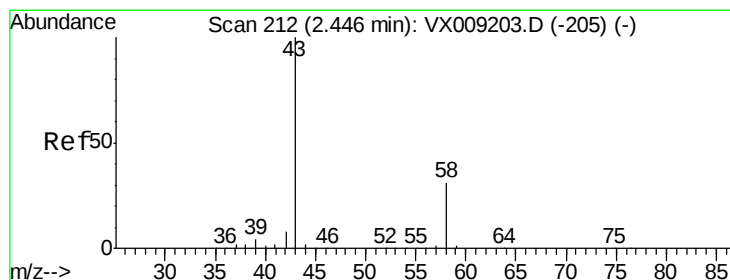
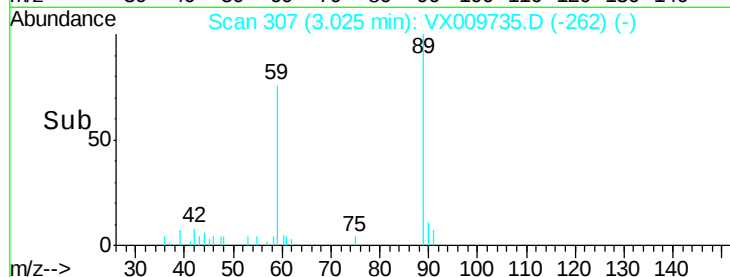
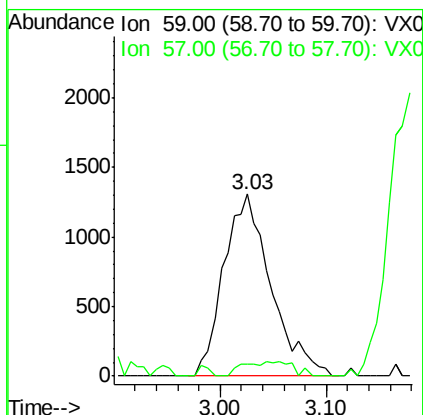
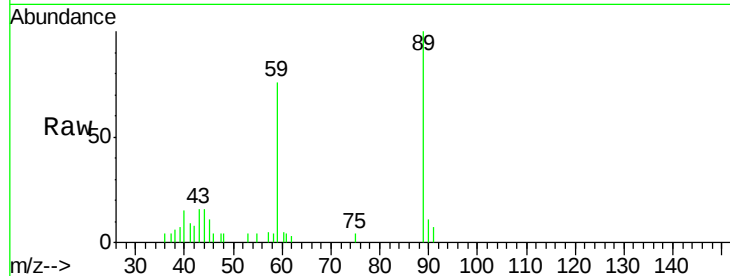




#11
Tert butyl alcohol
Concen: 7.206 ug/l
RT: 3.03 min Scan# 307
Delta R.T. -0.02 min
Lab File: VX009735.D
Acq: 20 May 2019 18:47

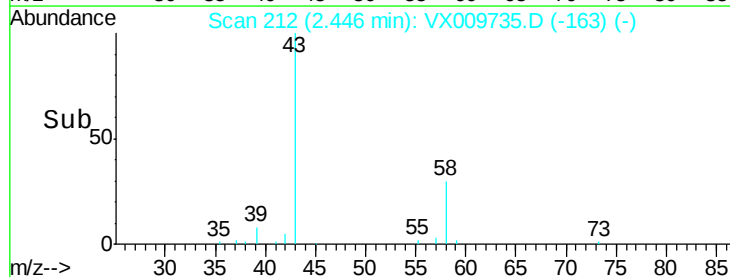
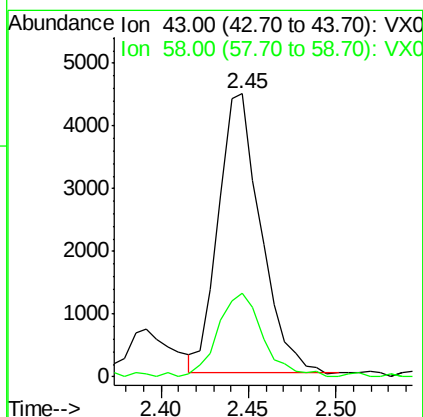
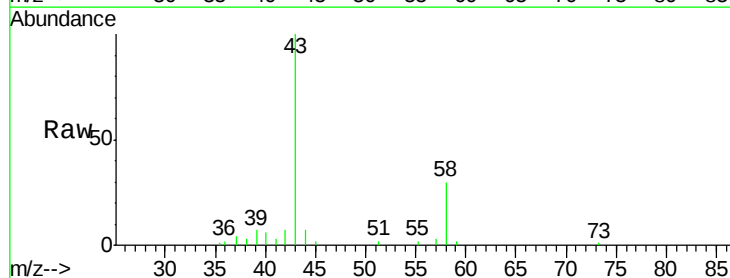
Instrument :
MSVOA_X
ClientSampleId :
S81-0103

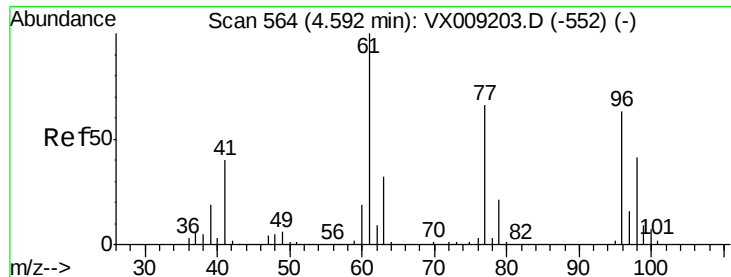
Tot Ion: 59 Resp: 4051
Ion Ratio Lower Upper
59 100
57 8.6 8.2 12.2



#16
Acetone
Concen: 5.737 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX009735.D
Acq: 20 May 2019 18:47

Tgt Ion: 43 Resp: 7481
Ion Ratio Lower Upper
43 100
58 30.2 24.9 37.3



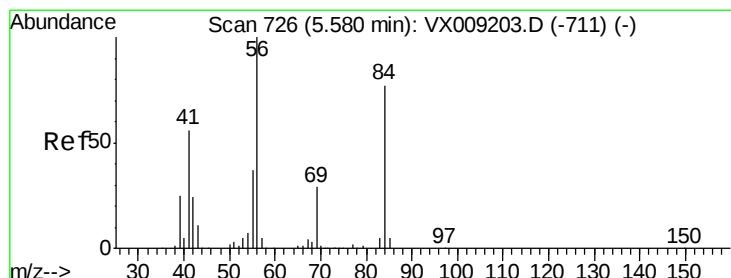
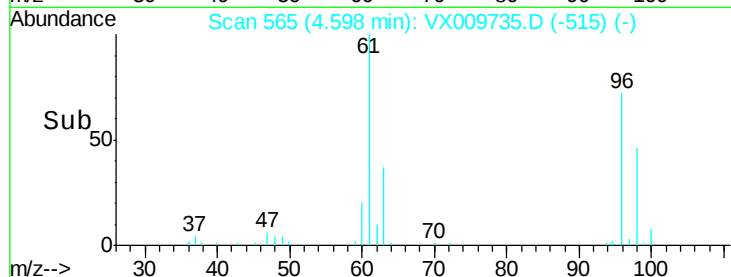
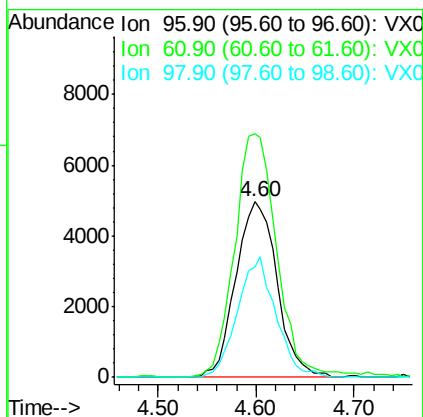
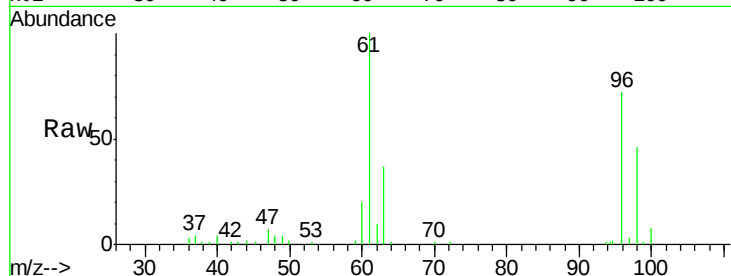


#27

cis-1,2-Dichloroethene
Concen: 6.730 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX009735.D
Acq: 20 May 2019 18:47

Instrument :
MSVOA_X
ClientSampleId :
S81-0103

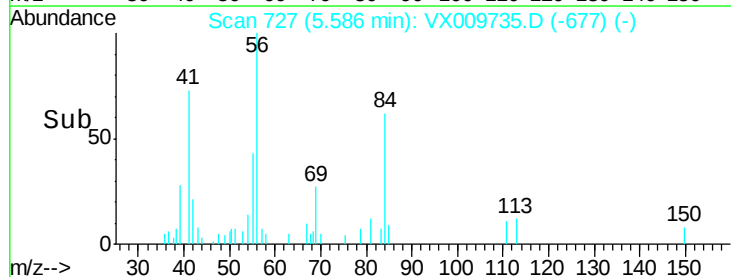
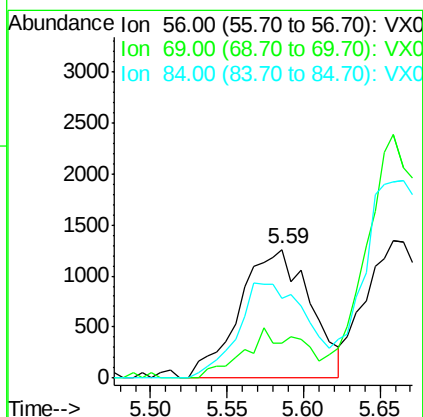
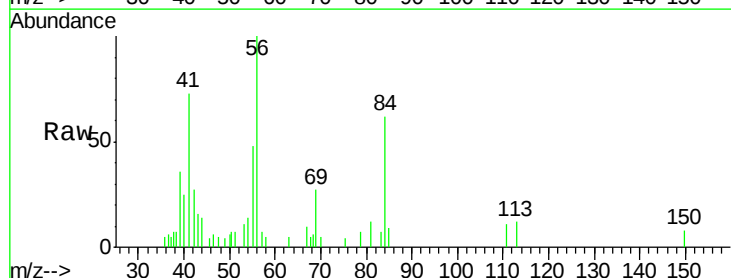
Tot Ion: 96 Resp: 14543
Ion Ratio Lower Upper
96 100
61 142.1 0.0 324.0
98 63.3 0.0 130.4

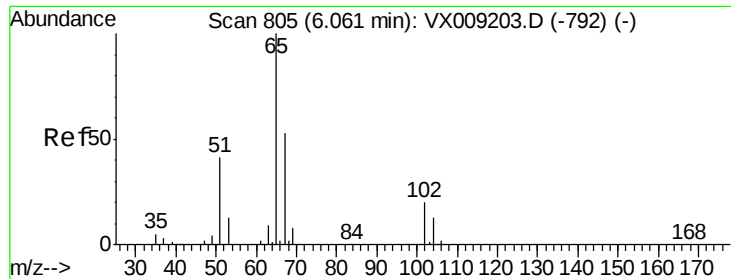


#31

Cyclohexane
Concen: 1.125 ug/l
RT: 5.59 min Scan# 727
Delta R.T. 0.01 min
Lab File: VX009735.D
Acq: 20 May 2019 18:47

Tgt Ion: 56 Resp: 4039
Ion Ratio Lower Upper
56 100
69 27.1 23.4 35.0
84 61.9 61.9 92.9#

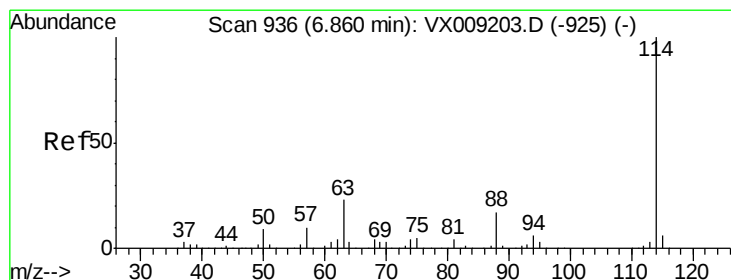
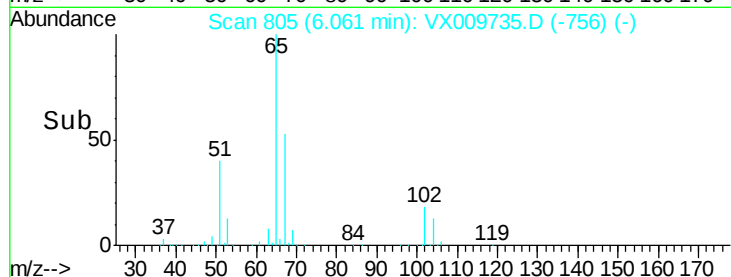
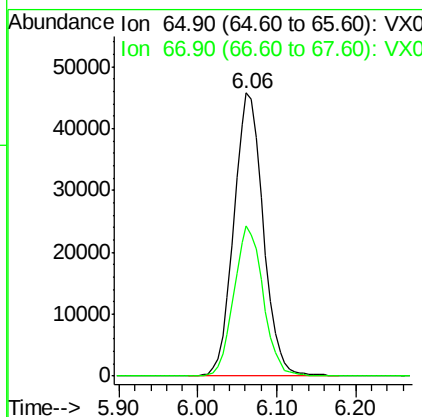
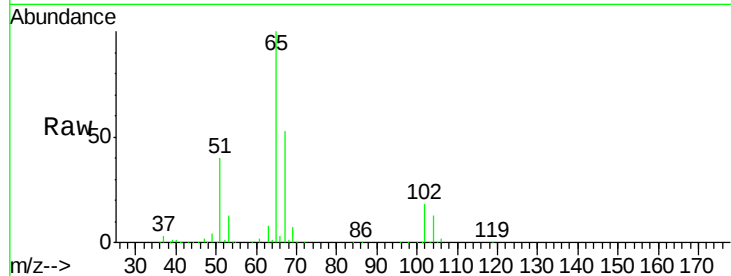




#33
 1,2-Dichloroethane-d4
 Concen: 48.829 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX009735.D
 Acq: 20 May 2019 18:47

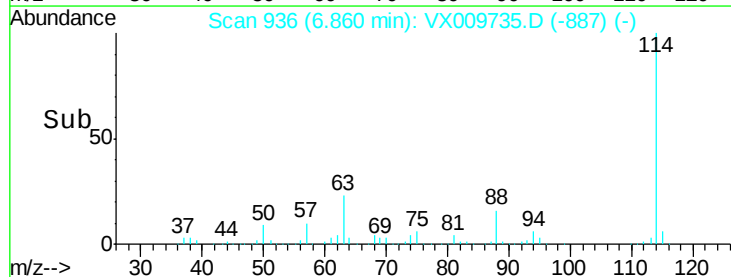
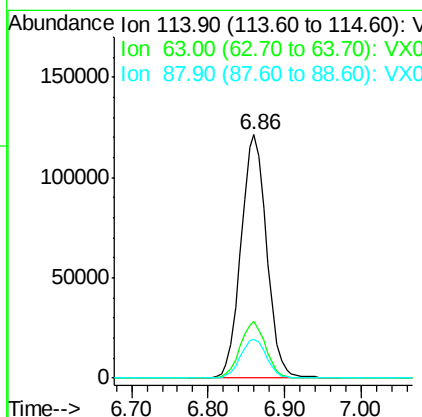
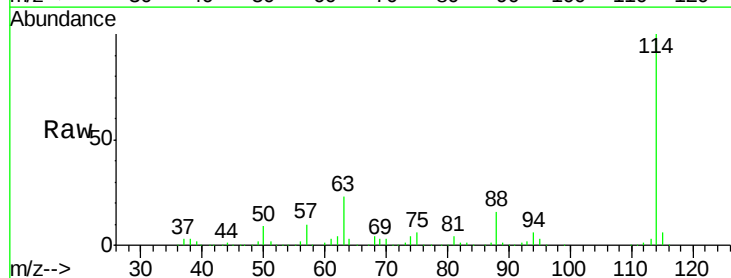
Instrument :
 MSVOA_X
 ClientSampled :
 S81-0103

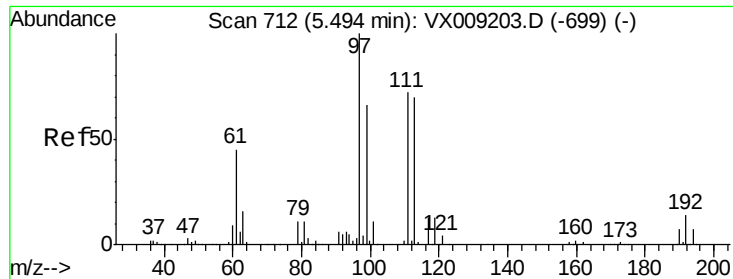
Tot Ion: 65 Resp: 118586
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009735.D
 Acq: 20 May 2019 18:47

Tgt Ion: 114 Resp: 282328
 Ion Ratio Lower Upper
 114 100
 63 23.4 0.0 45.6
 88 16.1 0.0 33.2

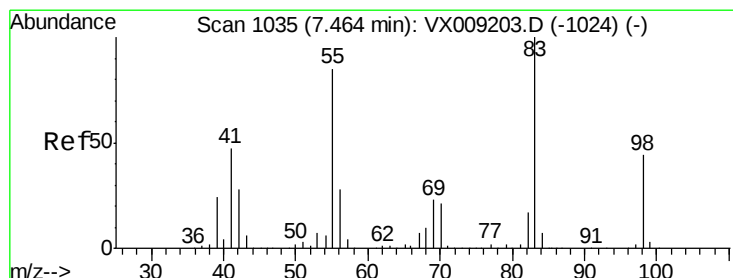
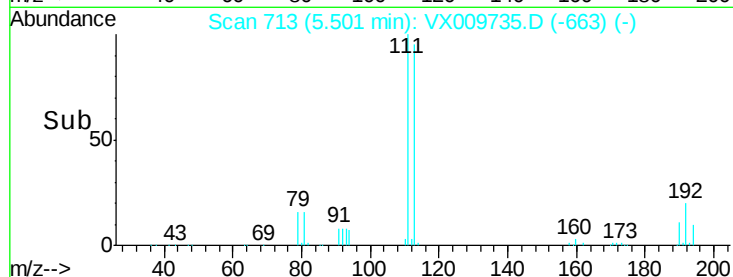
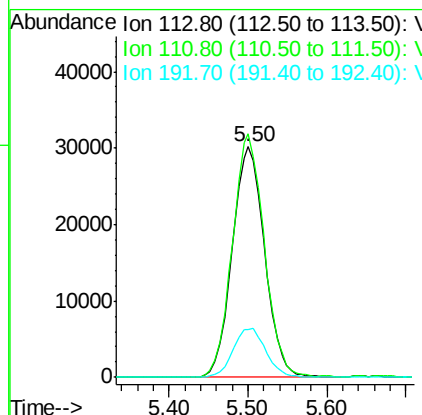
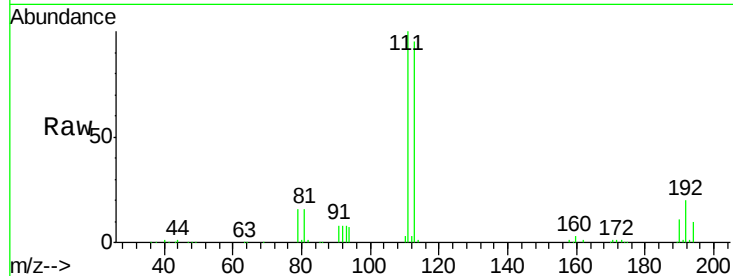




#35
 Dibromofluoromethane
 Concen: 48.545 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009735.D
 Acq: 20 May 2019 18:47

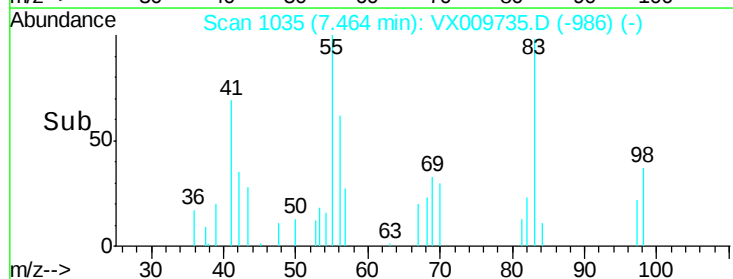
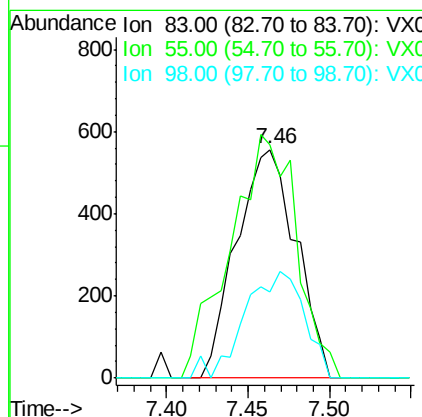
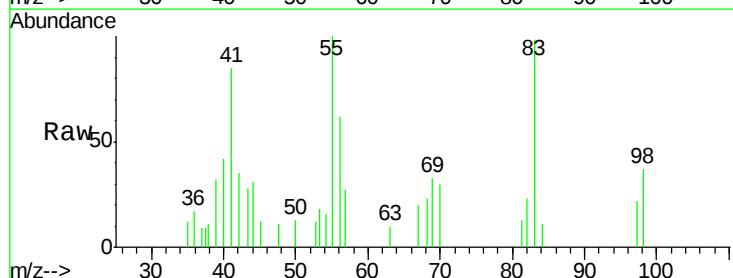
Instrument :
 MSVOA_X
 ClientSampleId :
 S81-0103

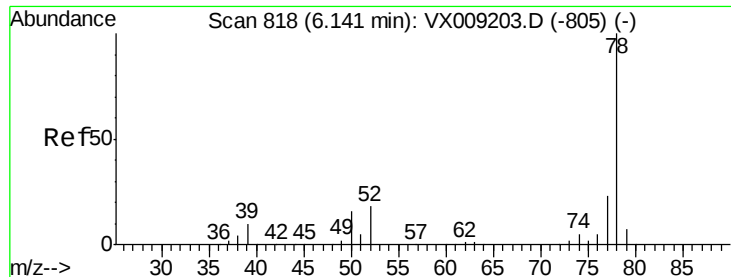
Tot Ion:113 Resp: 86159
 Ion Ratio Lower Upper
 113 100
 111 104.1 82.8 124.2
 192 21.5 17.0 25.6



#39
 Methylcyclohexane
 Concen: 0.438 ug/l
 RT: 7.46 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: VX009735.D
 Acq: 20 May 2019 18:47

Tgt Ion: 83 Resp: 1412
 Ion Ratio Lower Upper
 83 100
 55 102.0 67.7 101.5#
 98 37.5 35.5 53.3

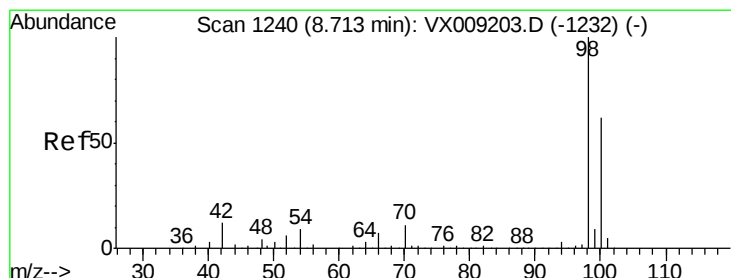
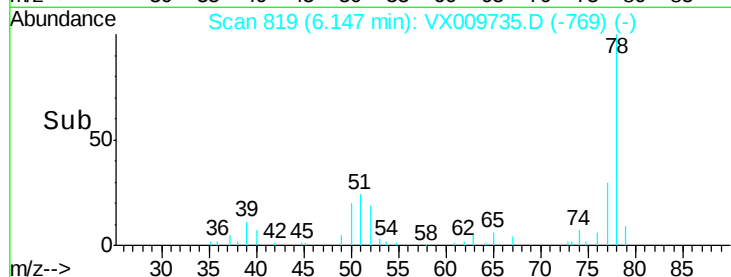
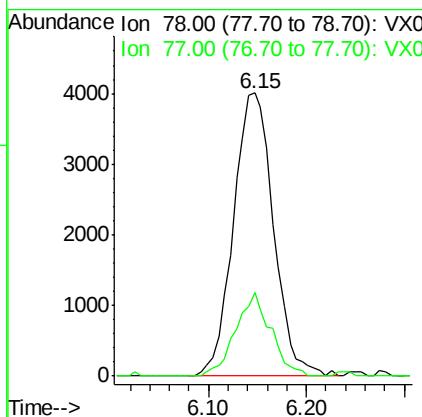
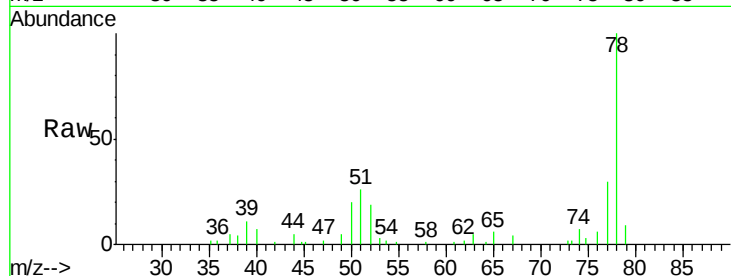




#40
Benzene
Concen: 1.399 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX009735.D
Acq: 20 May 2019 18:47

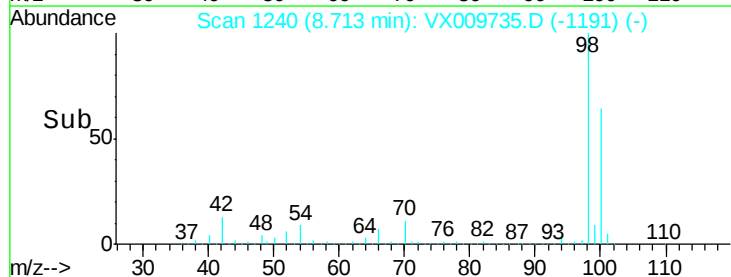
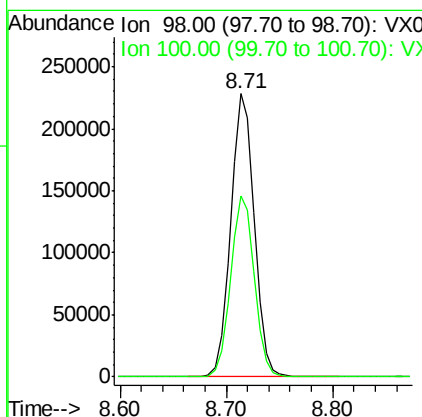
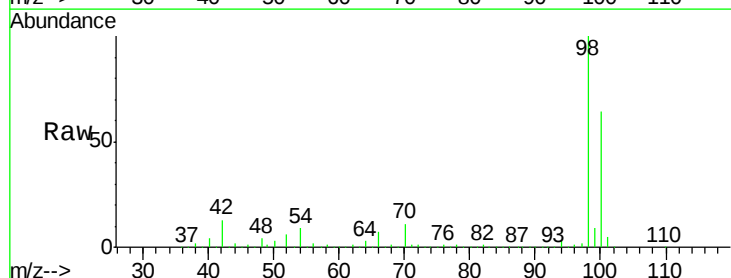
Instrument :
MSVOA_X
ClientSampleId :
S81-0103

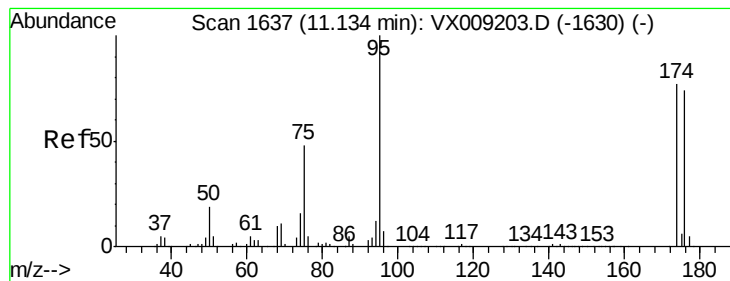
Tot Ion: 78 Resp: 11360
Ion Ratio Lower Upper
78 100
77 29.7 18.8 28.2#



#50
Toluene-d8
Concen: 49.543 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009735.D
Acq: 20 May 2019 18:47

Tgt Ion: 98 Resp: 354997
Ion Ratio Lower Upper
98 100
100 64.2 51.2 76.8





#62

4-Bromofluorobenzene

Concen: 44.378 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009735.D

Acq: 20 May 2019 18:47

Instrument :

MSVOA_X

ClientSampleId :

S81-0103

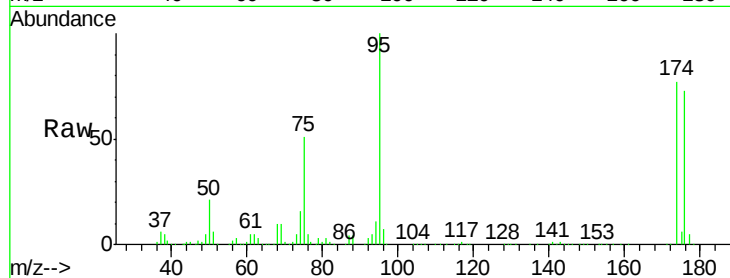
Tot Ion: 95 Resp: 115545

Ion Ratio Lower Upper

95 100

174 81.6 0.0 161.6

176 79.0 0.0 159.2



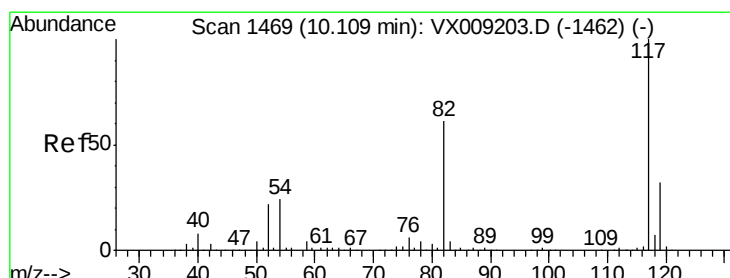
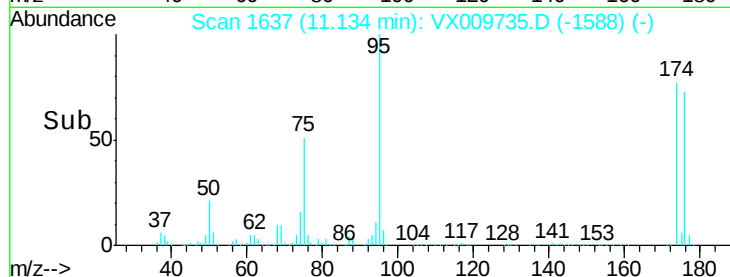
Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.13

Time--> 11.05 11.10 11.15 11.20



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX009735.D

Acq: 20 May 2019 18:47

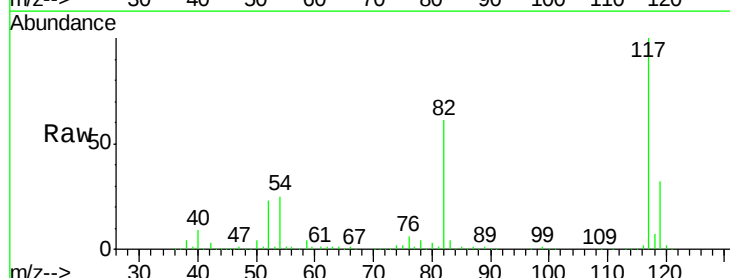
Tgt Ion: 117 Resp: 246788

Ion Ratio Lower Upper

117 100

82 60.8 48.8 73.2

119 31.7 25.8 38.6



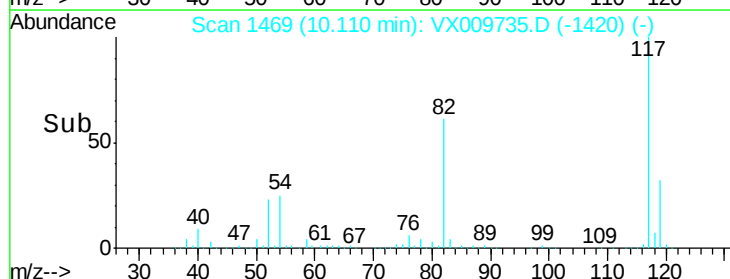
Abundance Ion 116.90 (116.60 to 117.60): V

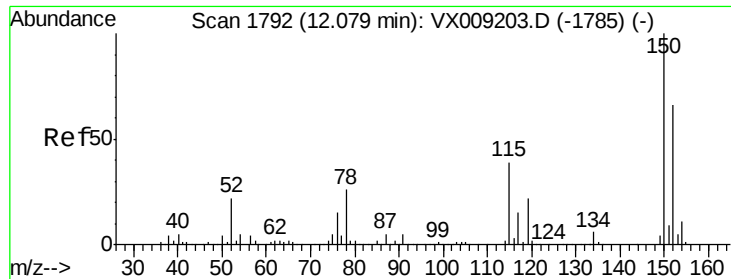
Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

10.11

Time--> 10.00 10.10 10.20





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX009735.D

Acq: 20 May 2019 18:47

Instrument :

MSVOA_X

ClientSampleId :

S81-0103

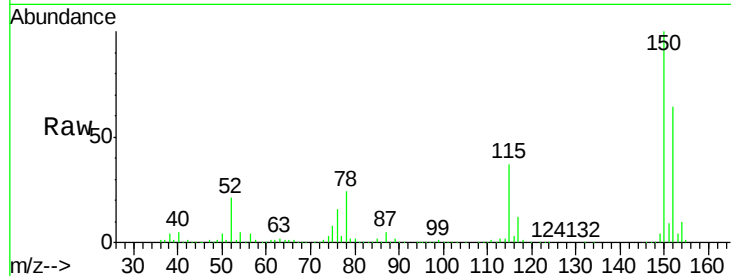
Tot Ion:152 Resp: 100905

Ion Ratio Lower Upper

152 100

115 59.0 41.2 123.6

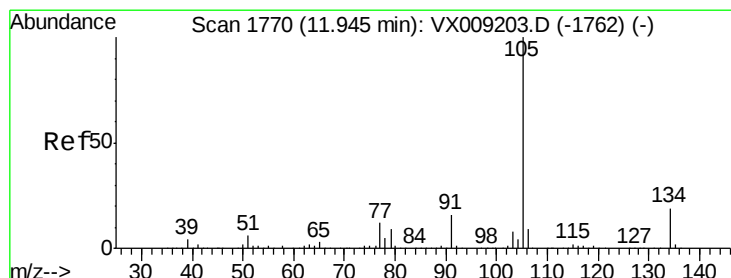
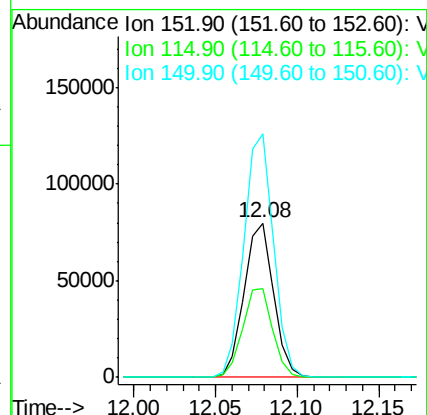
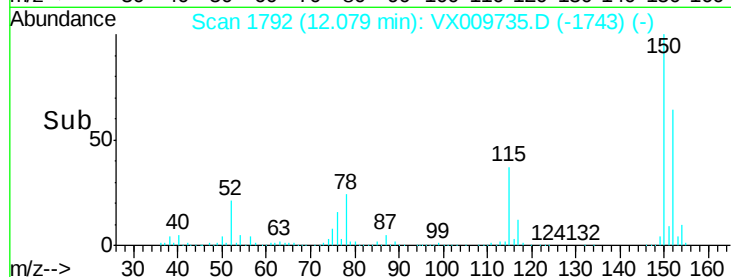
150 159.4 0.0 346.4



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



#85

sec-Butylbenzene

Concen: 0.348 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX009735.D

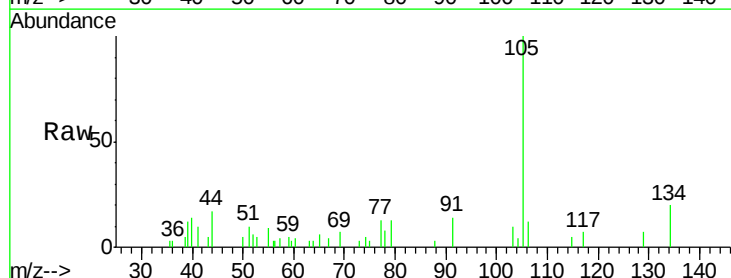
Acq: 20 May 2019 18:47

Tgt Ion:105 Resp: 2480

Ion Ratio Lower Upper

105 100

134 27.1 9.7 28.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

