

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090419\
 Data File : VX012042.D
 Acq On : 04 Sep 2019 10:38
 Operator : SY/SP
 Sample : VX0904SBL01
 Misc : 5.00g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0904SBL01

Quant Time: Sep 04 11:03:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 03 15:26:48 2019
 Response via : Initial Calibration

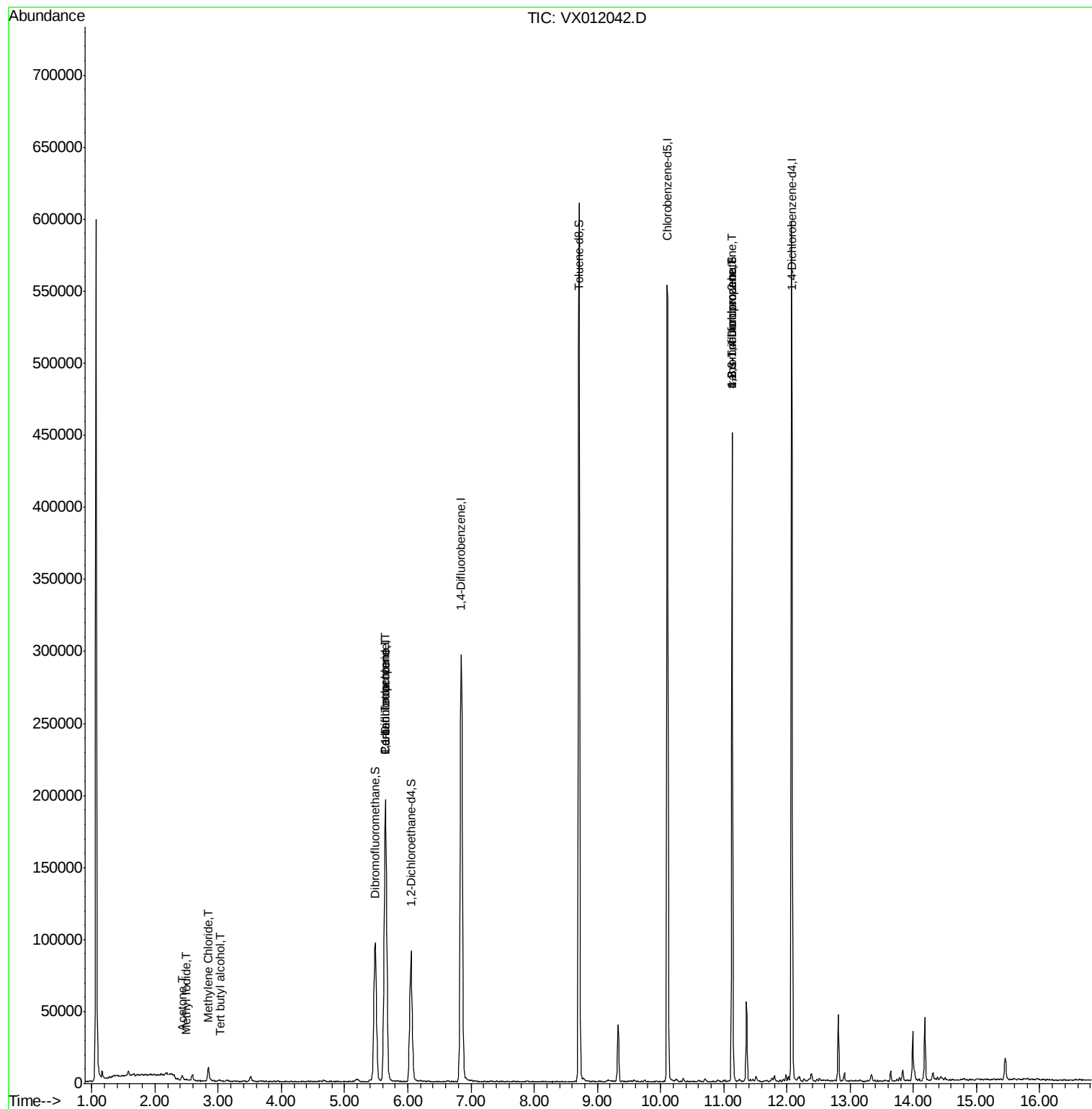
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	166905	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	289465	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	245414	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	109644	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	90878	39.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.92%	
35) Dibromofluoromethane	5.48	113	82720	46.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.94%	
50) Toluene-d8	8.71	98	343973	52.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.32%	
62) 4-Bromofluorobenzene	11.14	95	132933	43.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.52%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.50	142	555	7.265	ug/l #	66
11) Tert butyl alcohol	3.03	59	716	3.237	ug/l #	73
13) Acrolein	2.25	56	71	Below Cal	#	12
16) Acetone	2.43	43	3465	6.295	ug/l #	80
20) Methylene Chloride	2.85	84	4281	1.937	ug/l	92
36) 1,1-Dichloropropene	5.64	75	15445	6.058	ug/l #	50
38) Carbon Tetrachloride	5.65	117	19375	7.212	ug/l #	15
76) 1,2,3-Trichloropropane	11.13	75	68689	51.273	ug/l #	31
81) trans-1,4-Dichloro-2-buten	11.13	75	68689	121.216	ug/l #	10

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

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ClientSampleId :
VX0904SBL01

Quant Time: Sep 04 11:03:39 2019
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Quant Title : SW846 8260
QLast Update : Tue Sep 03 15:26:48 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX012042.D

Acq: 04 Sep 2019 10:38

Instrument :

MSVOA_X

ClientSampleId :

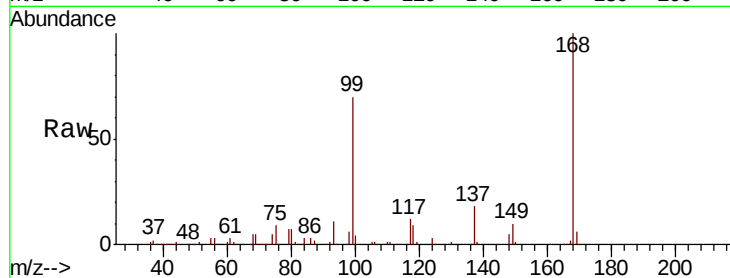
VX0904SBL01

Tgt Ion:168 Resp: 166905

Ion Ratio Lower Upper

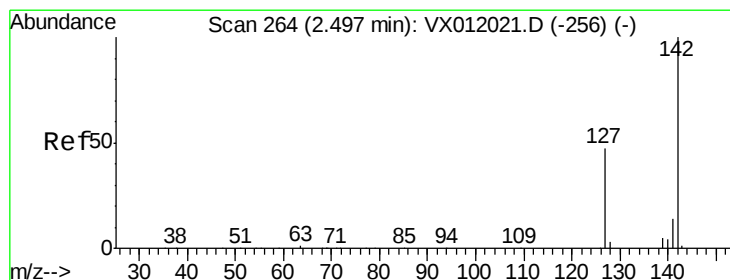
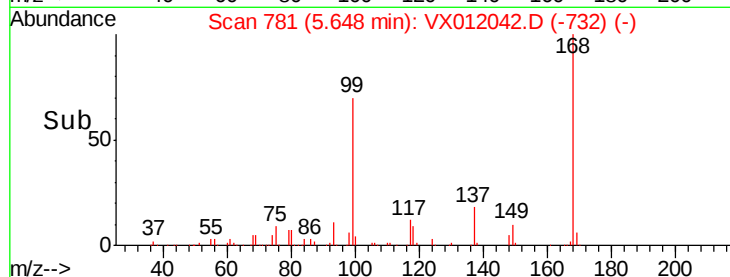
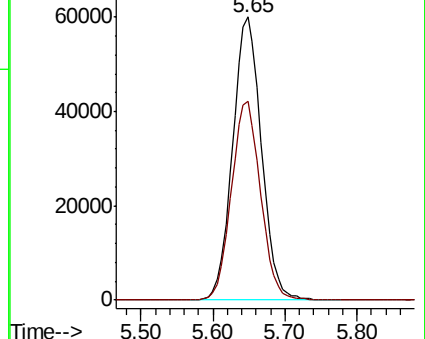
168 100

99 70.1 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#10

Methyl Iodide

Concen: 7.265 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX012042.D

Acq: 04 Sep 2019 10:38

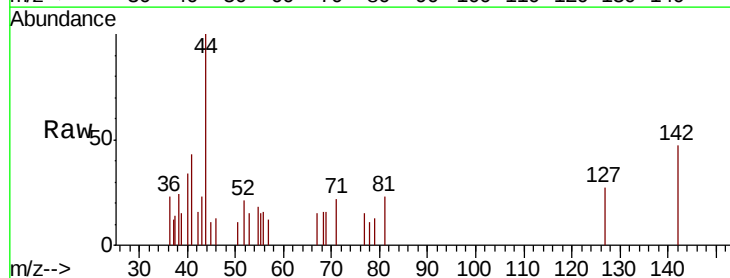
Tgt Ion:142 Resp: 555

Ion Ratio Lower Upper

142 100

127 22.5 35.4 53.2#

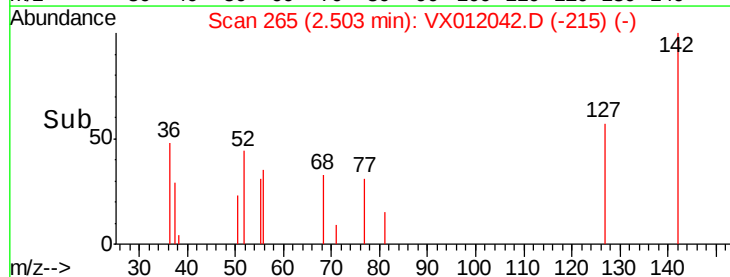
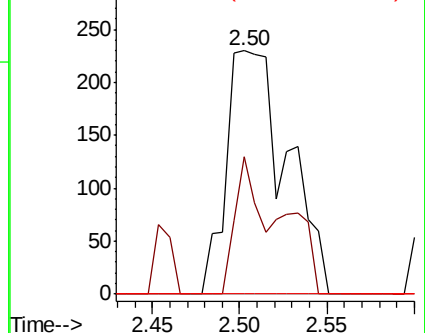
141 0.0 11.4 17.2#

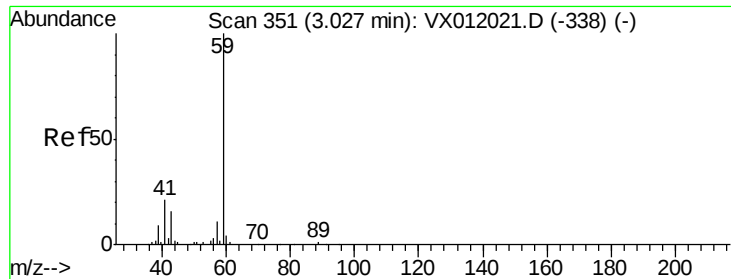


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



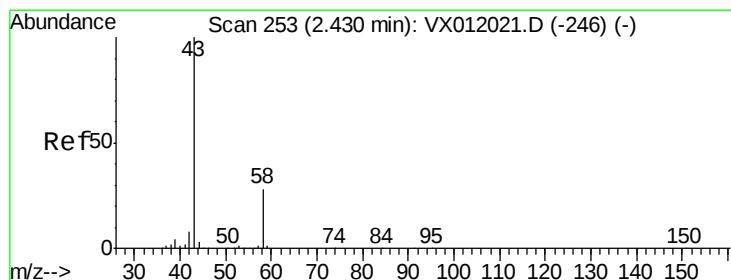
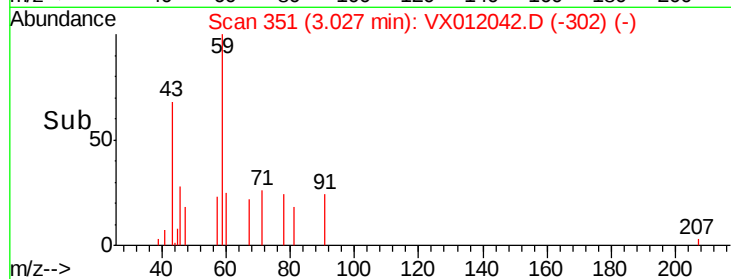
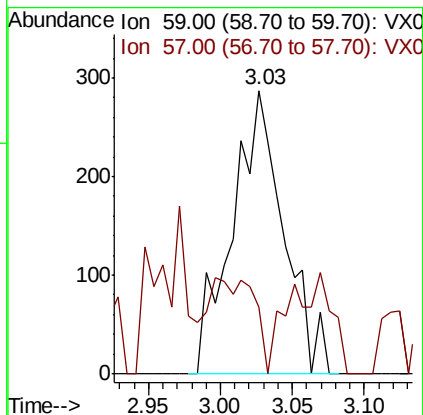
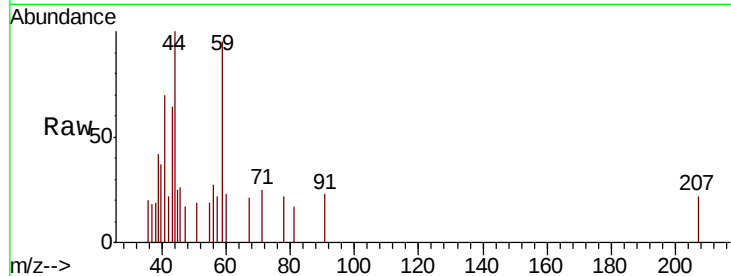


#11

Tert butyl alcohol
 Concen: 3.237 ug/l
 RT: 3.03 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VX012042.D
 Acq: 04 Sep 2019 10:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0904SBL01

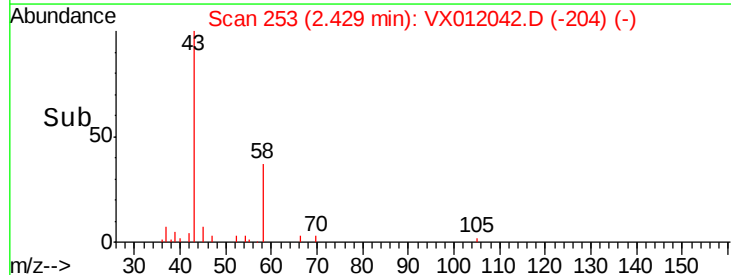
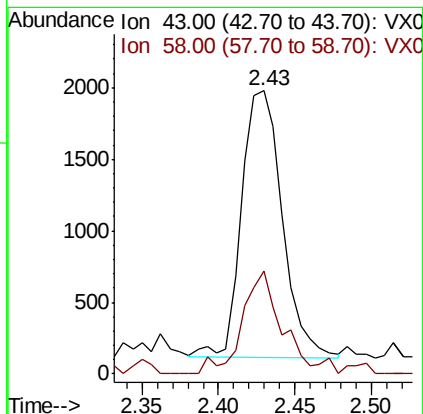
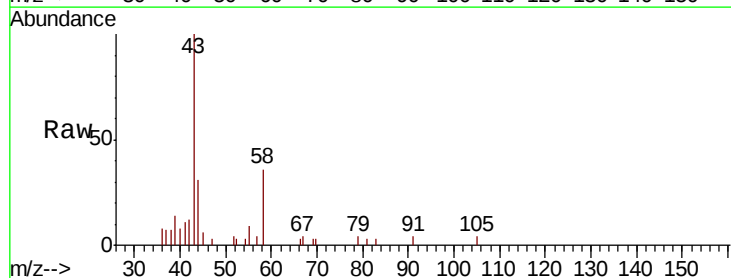
Tgt Ion: 59 Resp: 716
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.9 11.9#

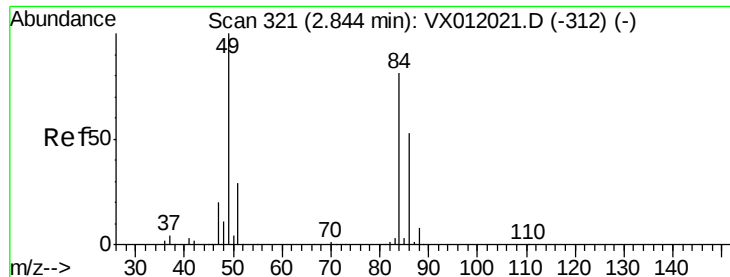


#16

Acetone
 Concen: 6.295 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. -0.00 min
 Lab File: VX012042.D
 Acq: 04 Sep 2019 10:38

Tgt Ion: 43 Resp: 3465
 Ion Ratio Lower Upper
 43 100
 58 39.0 22.8 34.2#

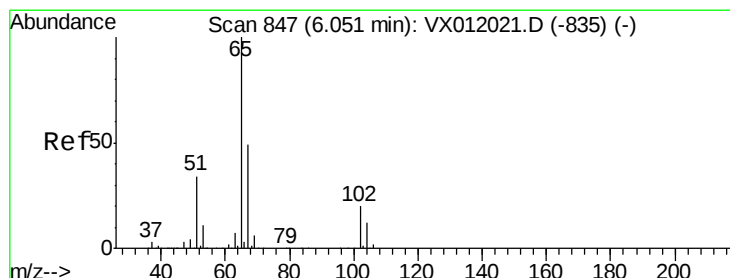
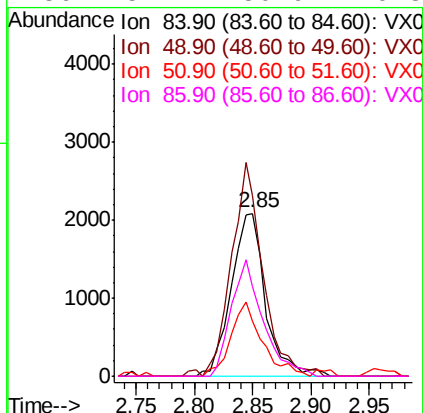
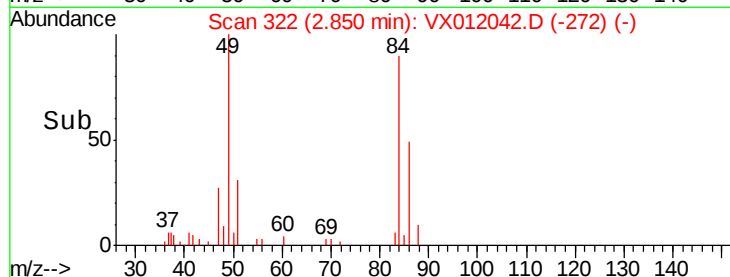
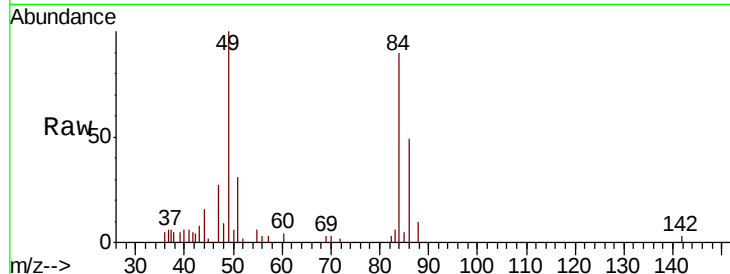




#20
Methylene Chloride
Concen: 1.937 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX012042.D
Acq: 04 Sep 2019 10:38

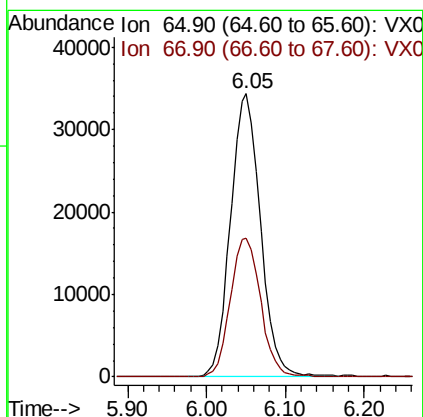
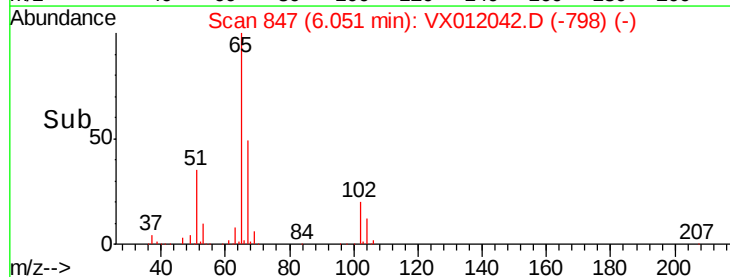
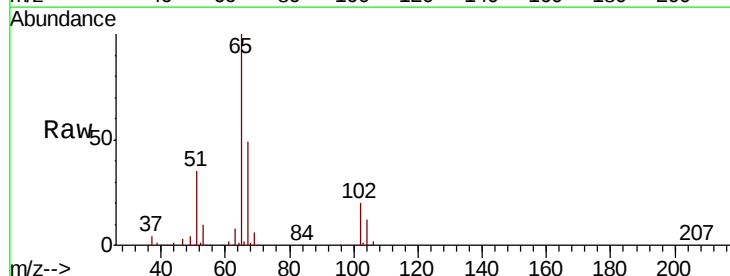
Instrument :
MSVOA_X
ClientSampleId :
VX0904SBL01

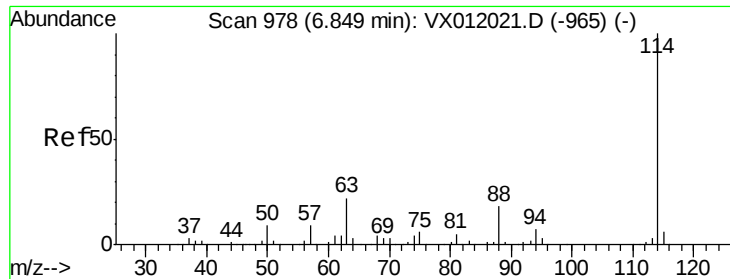
Tgt Ion: 84 Resp: 4281
Ion Ratio Lower Upper
84 100
49 110.7 95.8 143.8
51 33.8 28.6 43.0
86 54.7 50.9 76.3



#33
1,2-Dichloroethane-d4
Concen: 39.461 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX012042.D
Acq: 04 Sep 2019 10:38

Tgt Ion: 65 Resp: 90878
Ion Ratio Lower Upper
65 100
67 49.7 0.0 102.0

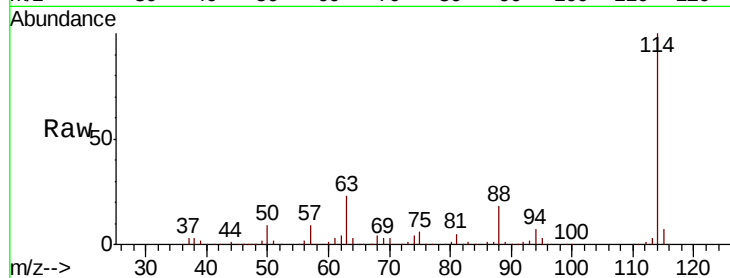




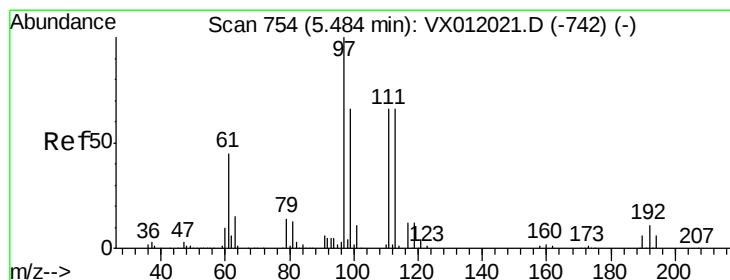
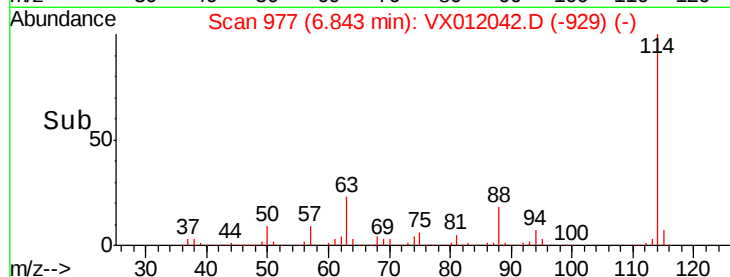
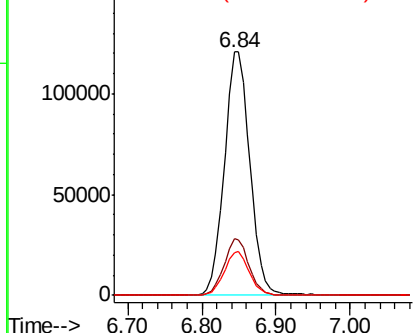
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: VX012042.D
 Acq: 04 Sep 2019 10:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0904SBL01

Tgt Ion:114 Resp: 289465
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 37.4
 88 17.5 0.0 29.6

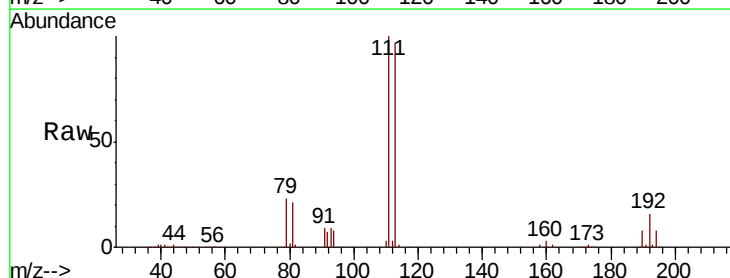


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

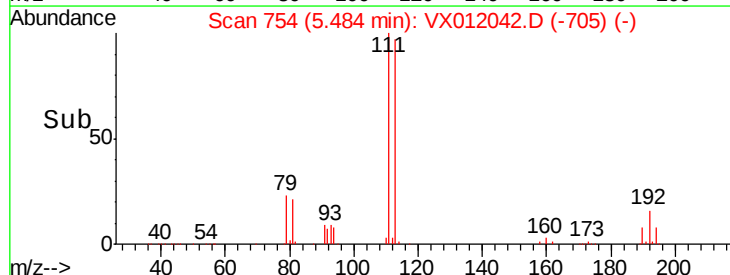
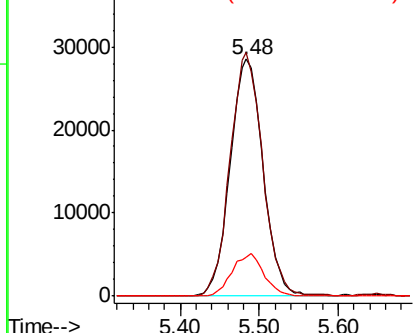


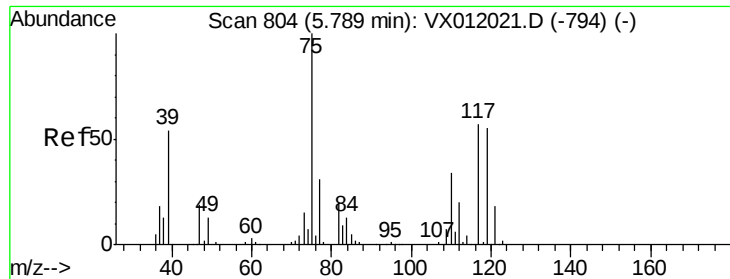
#35
 Dibromofluoromethane
 Concen: 46.469 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: VX012042.D
 Acq: 04 Sep 2019 10:38

Tgt Ion:113 Resp: 82720
 Ion Ratio Lower Upper
 113 100
 111 101.7 81.7 122.5
 192 17.2 22.5 33.7#



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

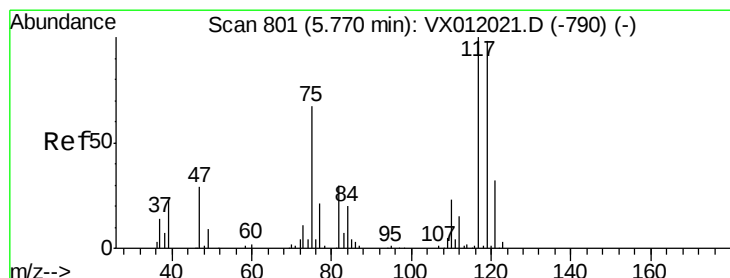
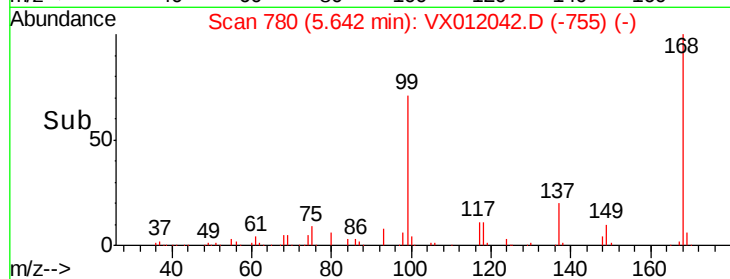
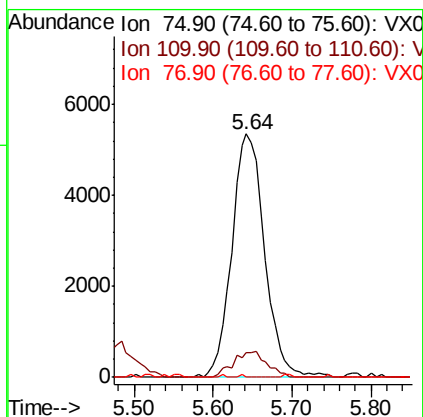
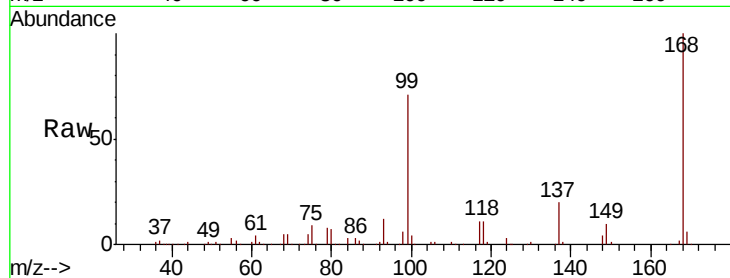




#36
 1,1-Dichloropropene
 Concen: 6.058 ug/l
 RT: 5.64 min Scan# 780
 Delta R.T. -0.15 min
 Lab File: VX012042.D
 Acq: 04 Sep 2019 10:38

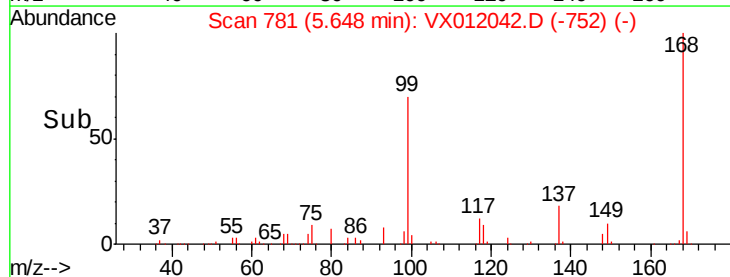
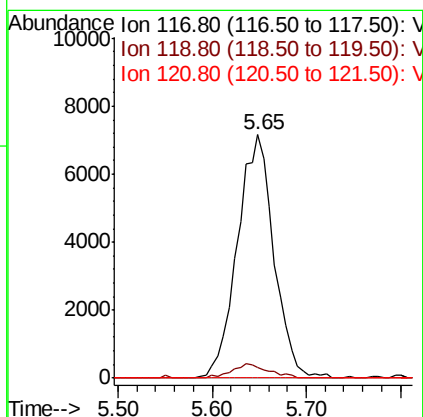
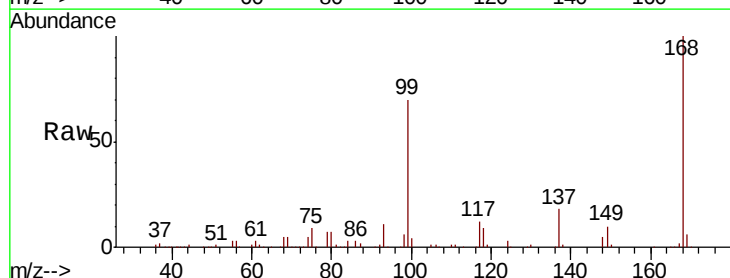
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0904SBL01

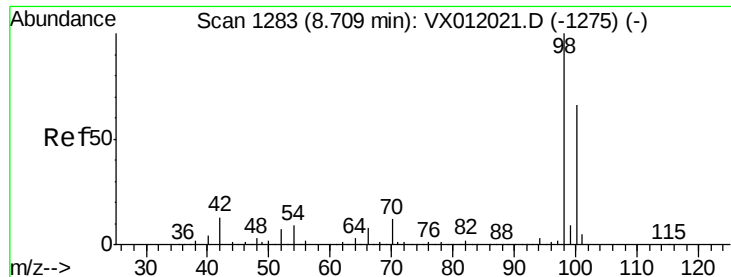
Tgt Ion: 75 Resp: 15445
 Ion Ratio Lower Upper
 75 100
 110 10.9 19.5 58.5#
 77 0.1 24.6 37.0#



#38
 Carbon Tetrachloride
 Concen: 7.212 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.12 min
 Lab File: VX012042.D
 Acq: 04 Sep 2019 10:38

Tgt Ion: 117 Resp: 19375
 Ion Ratio Lower Upper
 117 100
 119 4.6 78.3 117.5#
 121 0.0 24.2 36.2#





#50

Toluene-d8

Concen: 52.658 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX012042.D

Acq: 04 Sep 2019 10:38

Instrument :

MSVOA_X

ClientSampleId :

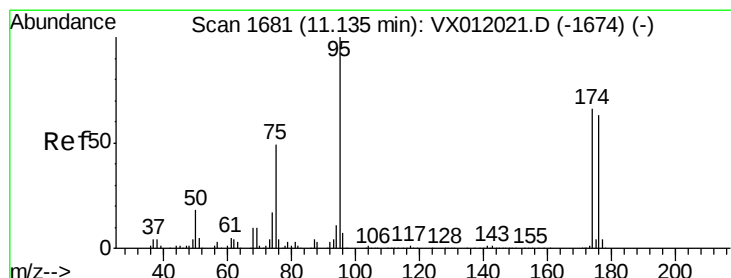
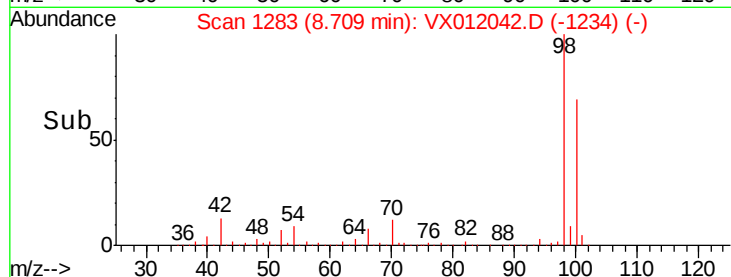
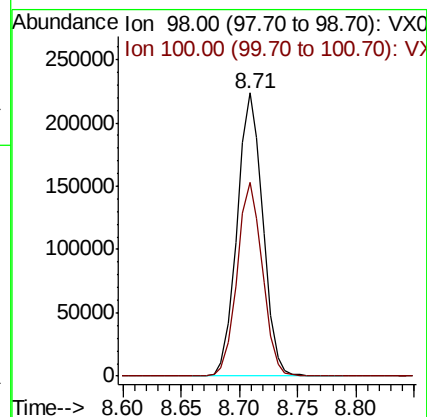
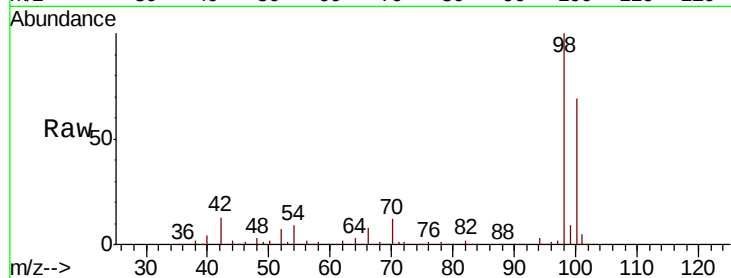
VX0904SBL01

Tgt Ion: 98 Resp: 343973

Ion Ratio Lower Upper

98 100

100 67.3 53.3 79.9



#62

4-Bromofluorobenzene

Concen: 43.758 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012042.D

Acq: 04 Sep 2019 10:38

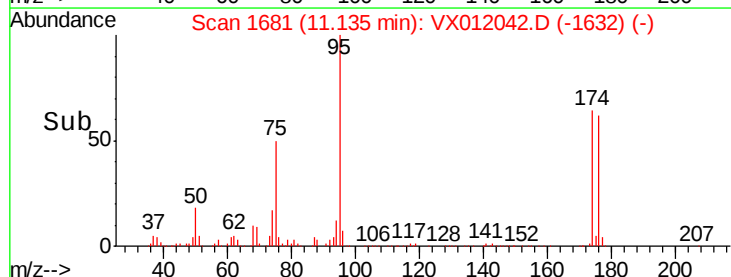
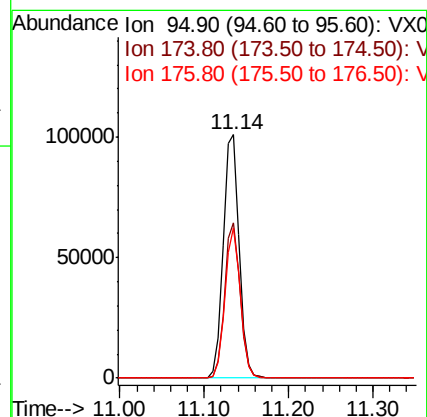
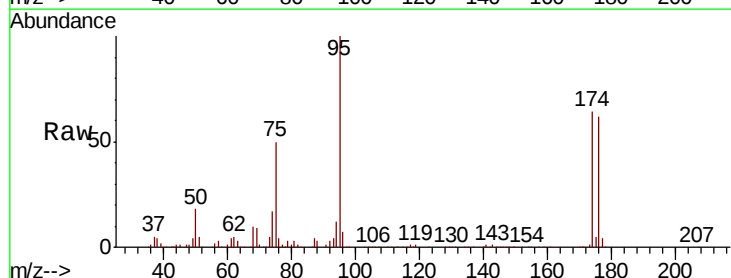
Tgt Ion: 95 Resp: 132933

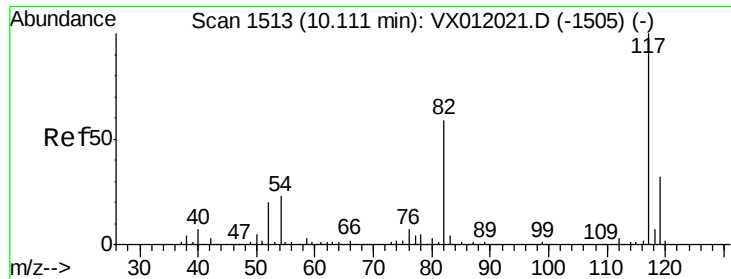
Ion Ratio Lower Upper

95 100

174 61.9 0.0 205.4

176 59.9 0.0 201.8

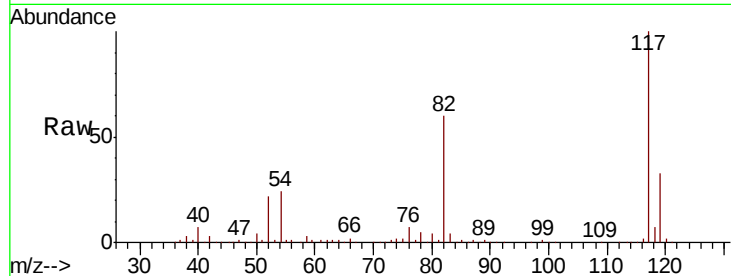




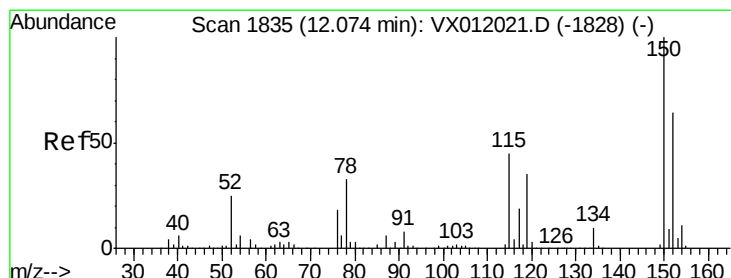
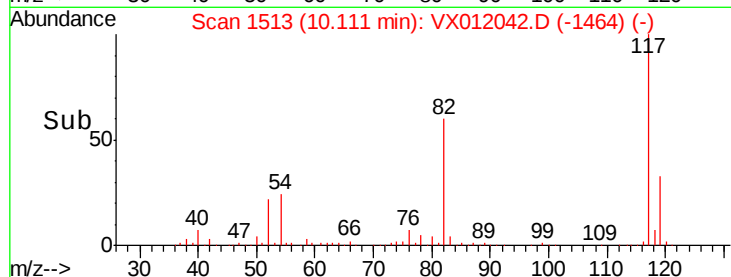
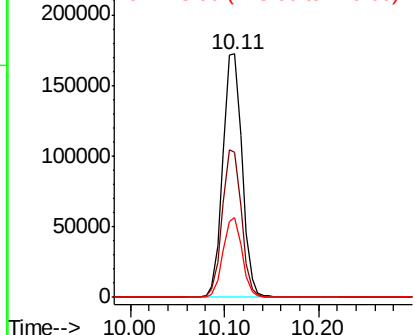
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.11 min Scan# 1513
 Delta R.T. -0.00 min
 Lab File: VX012042.D
 Acq: 04 Sep 2019 10:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0904SBL01

Tgt Ion:117 Resp: 245414
 Ion Ratio Lower Upper
 117 100
 82 59.7 39.4 59.0#
 119 32.7 26.1 39.1

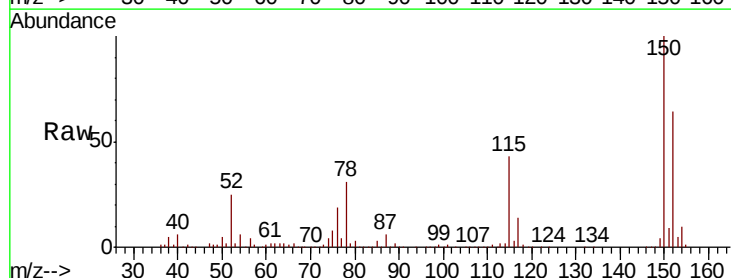


Abundance Ion 116.90 (116.60 to 117.60): V
 Ion 82.00 (81.70 to 82.70): VX0
 Ion 118.90 (118.60 to 119.60): V

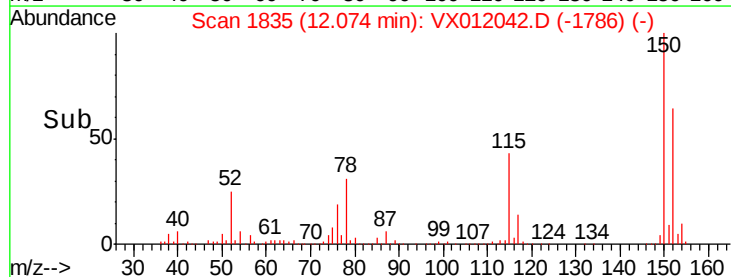
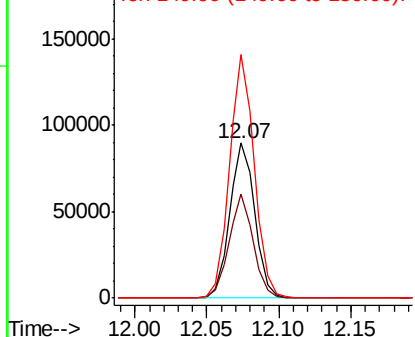


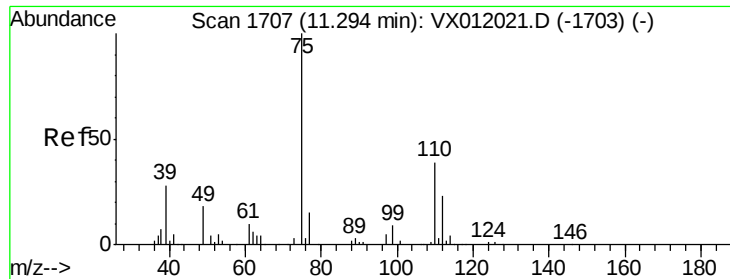
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX012042.D
 Acq: 04 Sep 2019 10:38

Tgt Ion:152 Resp: 109644
 Ion Ratio Lower Upper
 152 100
 115 65.0 36.4 109.3
 150 155.0 0.0 341.2



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





#76

1,2,3-Trichloropropane

Concen: 51.273 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.16 min

Lab File: VX012042.D

Acq: 04 Sep 2019 10:38

Instrument :

MSVOA_X

ClientSampleId :

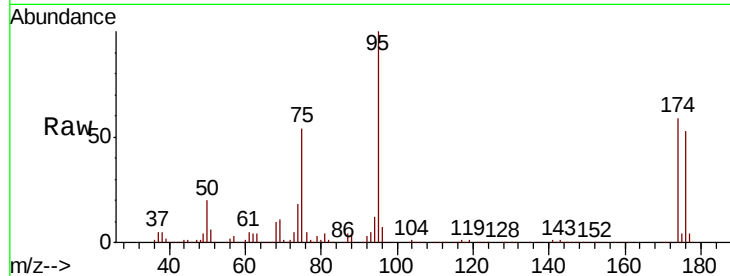
VX0904SBL01

Tgt Ion: 75 Resp: 68689

Ion Ratio Lower Upper

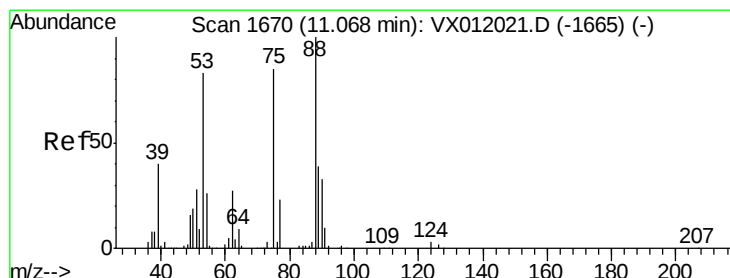
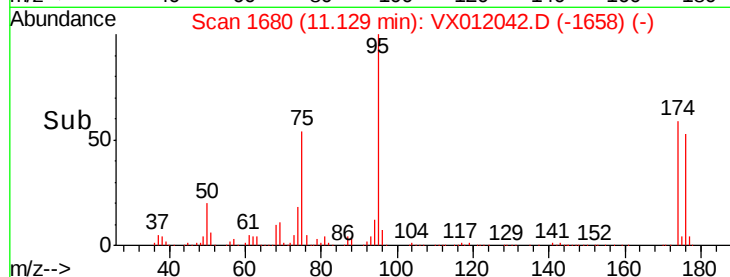
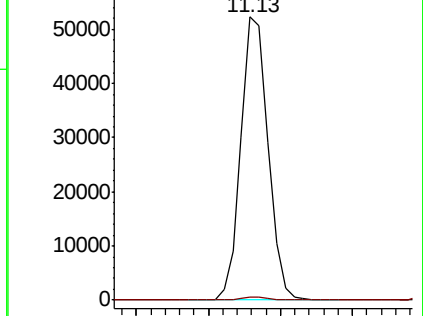
75 100

77 1.2 23.5 70.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#81

trans-1,4-Dichloro-2-butene

Concen: 121.216 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.06 min

Lab File: VX012042.D

Acq: 04 Sep 2019 10:38

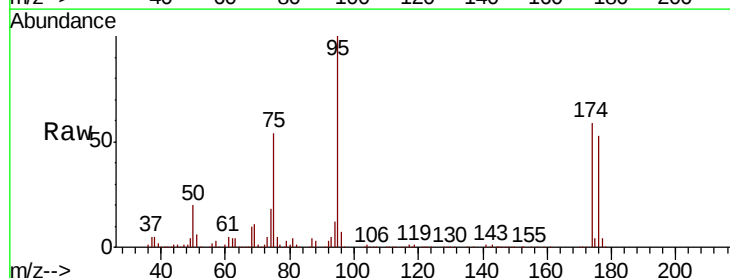
Tgt Ion: 75 Resp: 68689

Ion Ratio Lower Upper

75 100

53 0.0 78.6 117.8#

89 0.0 38.8 58.2#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

