

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022719\
 Data File : VX007750.D
 Acq On : 27 Feb 2019 22:31
 Operator : JC/SP
 Sample : K1653-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 28 04:04:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	319112	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	499064	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	469644	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	226417	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	195393	49.43	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.86%	
35) Dibromofluoromethane	5.51	113	162506	48.71	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.42%	
50) Toluene-d8	8.71	98	611116	47.85	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	95.70%	
62) 4-Bromofluorobenzene	11.13	95	218878	46.69	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	93.38%	

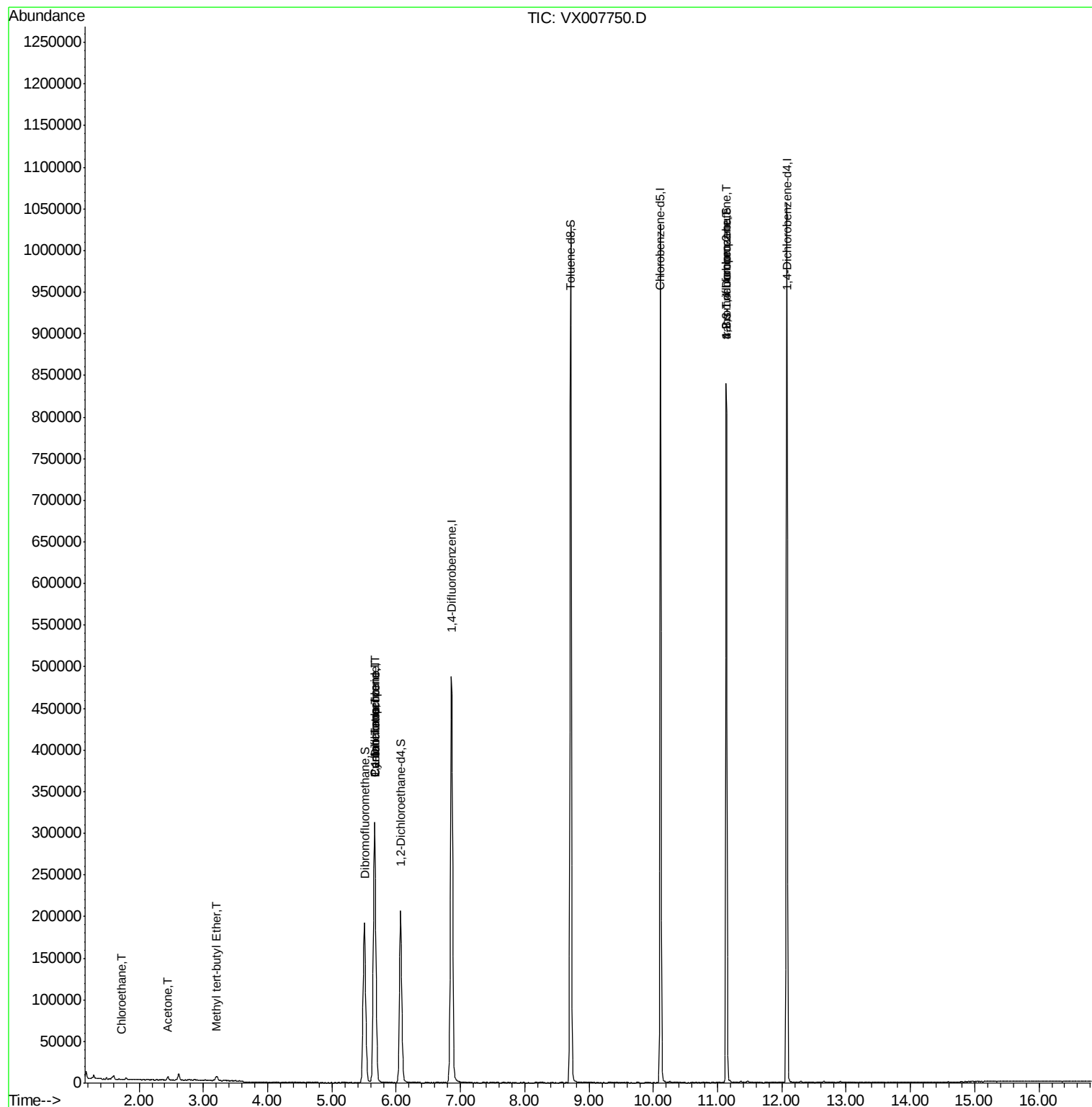
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	358	Below Cal		86
6) Chloroethane	1.73	64	1010	0.473	ug/l #	54
16) Acetone	2.45	43	3787	2.154	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	5389	0.554	ug/l	95
31) Cyclohexane	5.66	56	5791	1.054	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	21243	4.735	ug/l #	47
38) Carbon Tetrachloride	5.66	117	28055	6.225	ug/l #	17
76) 1,2,3-Trichloropropane	11.13	75	107556	22.286	ug/l #	33
81) trans-1,4-Dichloro-2-buten	11.13	75	107556	59.135	ug/l #	9

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

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Instrument :
MSVOA_X
ClientSampled :

Quant Time: Feb 28 04:04:26 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 26 01:53:13 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: VX007750.D

Acq: 27 Feb 2019 22:31

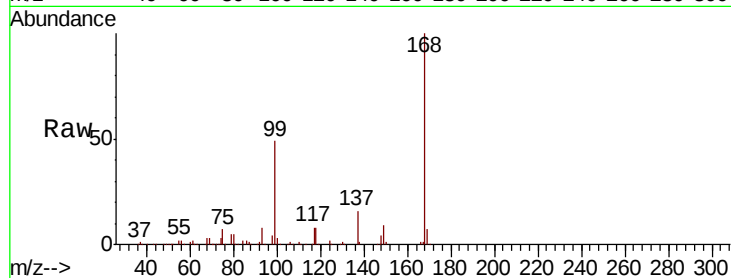
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 319112

Ion Ratio Lower Upper

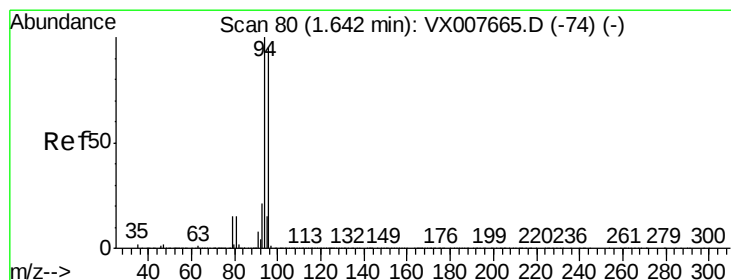
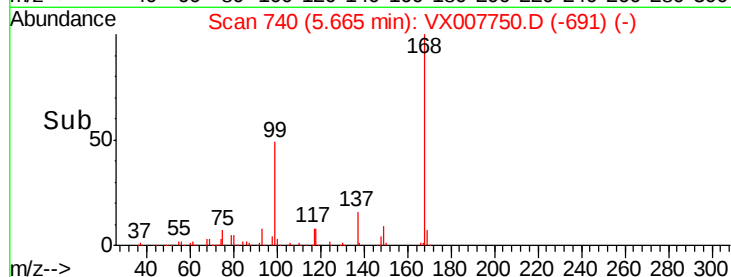
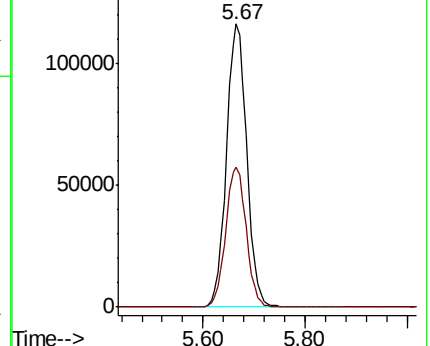
168 100

99 49.3 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 82

Delta R.T. 0.01 min

Lab File: VX007750.D

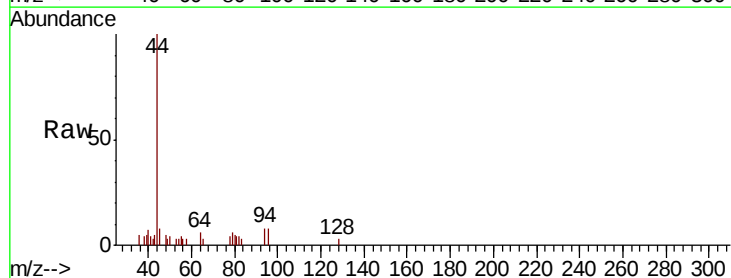
Acq: 27 Feb 2019 22:31

Tgt Ion: 94 Resp: 358

Ion Ratio Lower Upper

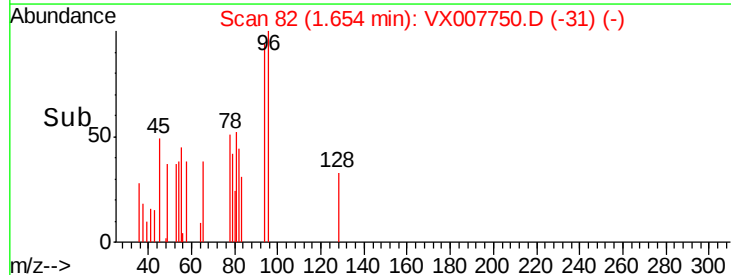
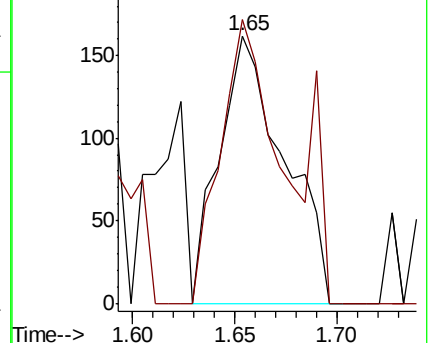
94 100

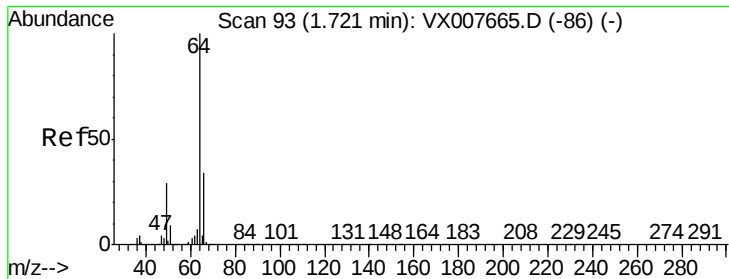
96 106.2 73.9 110.9



Abundance Ion 93.90 (93.60 to 94.60): VX0

200 Ion 95.90 (95.60 to 96.60): VX0





#6

Chloroethane

Concen: 0.473 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX007750.D

Acq: 27 Feb 2019 22:31

Instrument :

MSVOA_X

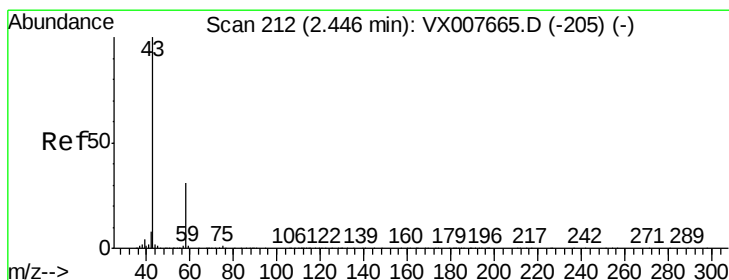
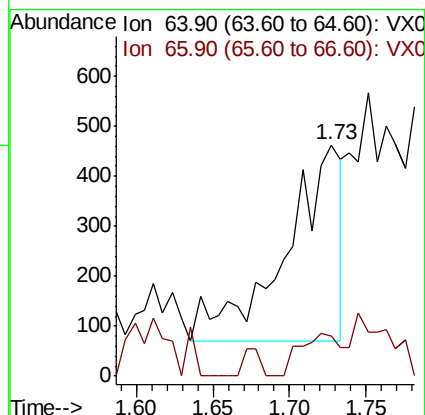
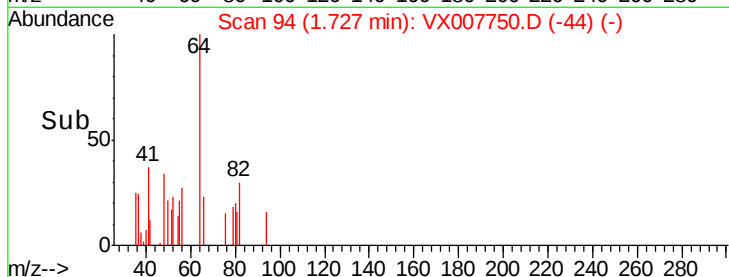
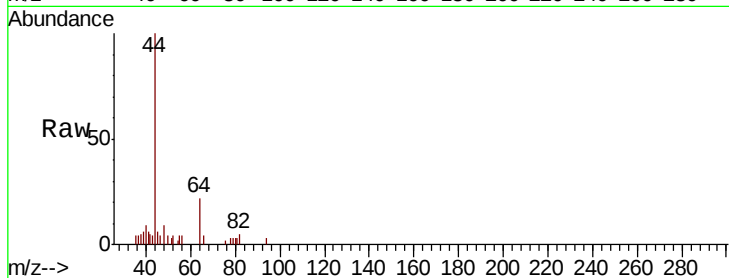
ClientSampleId :

Tot Ion: 64 Resp: 1010

Ion Ratio Lower Upper

64 100

66 6.1 25.5 38.3#



#16

Acetone

Concen: 2.154 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX007750.D

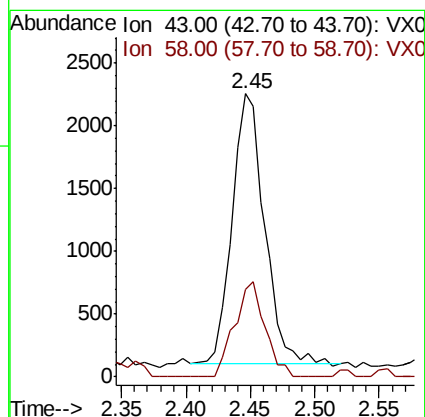
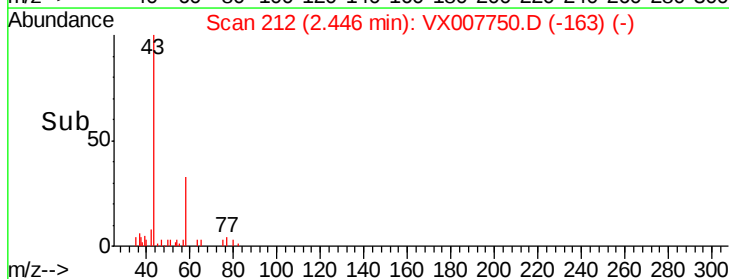
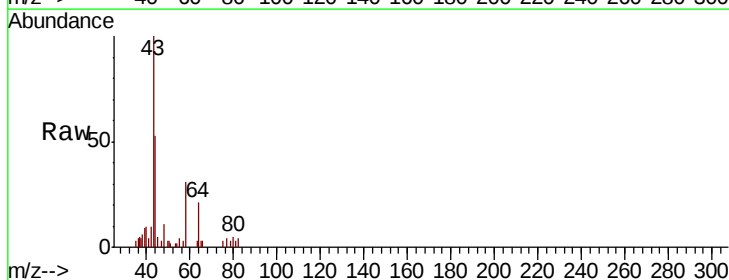
Acq: 27 Feb 2019 22:31

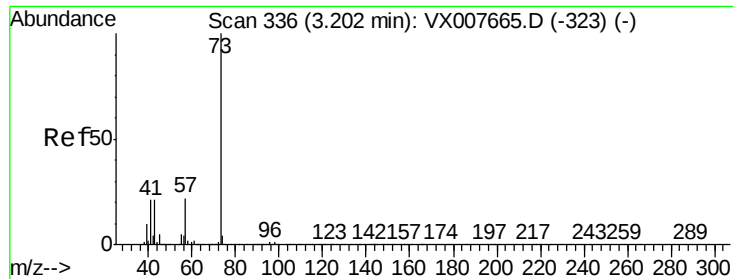
Tgt Ion: 43 Resp: 3787

Ion Ratio Lower Upper

43 100

58 32.5 24.9 37.3



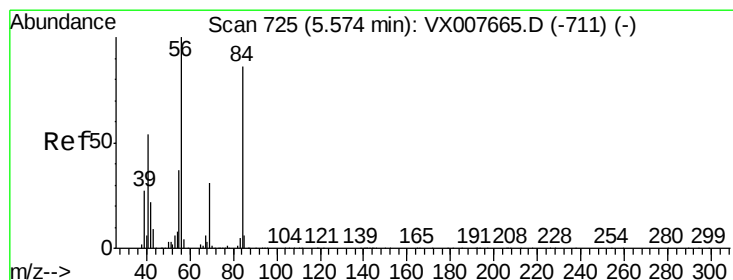
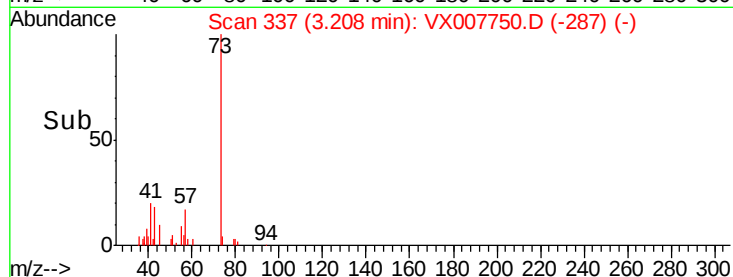
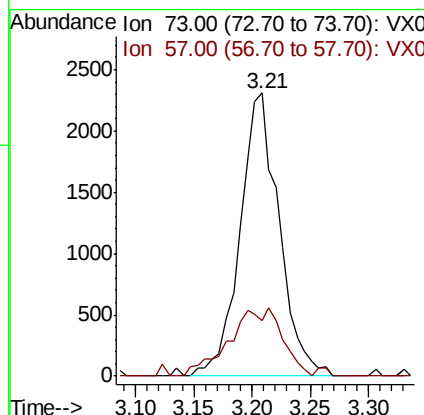
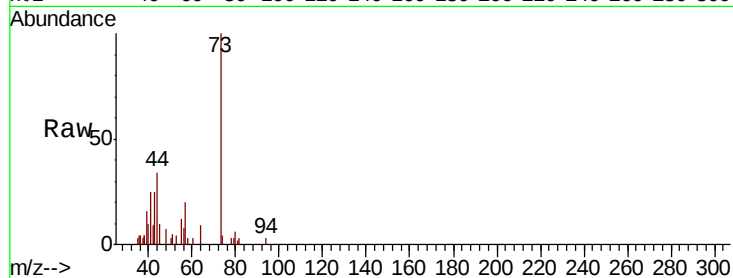


#19

Methyl tert-butyl Ether
 Concen: 0.554 ug/l
 RT: 3.21 min Scan# 337
 Delta R.T. 0.01 min
 Lab File: VX007750.D
 Acq: 27 Feb 2019 22:31

Instrument :
 MSVOA_X
 ClientSampleId :

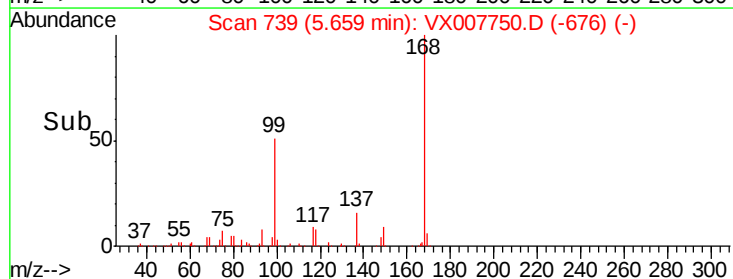
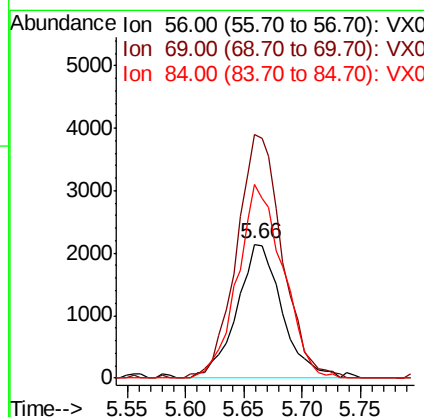
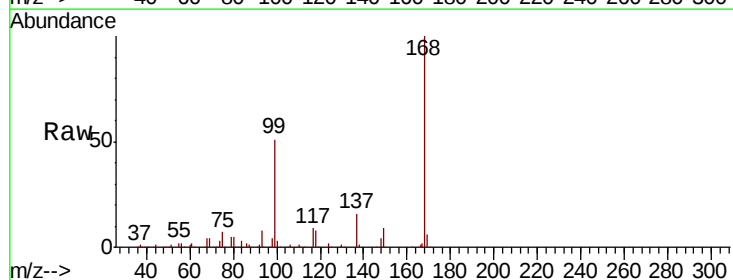
Tot Ion: 73 Resp: 5389
 Ion Ratio Lower Upper
 73 100
 57 19.7 17.8 26.8

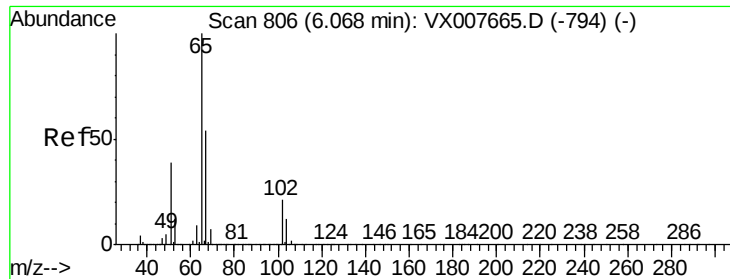


#31

Cyclohexane
 Concen: 1.054 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. 0.09 min
 Lab File: VX007750.D
 Acq: 27 Feb 2019 22:31

Tgt Ion: 56 Resp: 5791
 Ion Ratio Lower Upper
 56 100
 69 179.4 23.0 34.6#
 84 144.6 69.8 104.6#

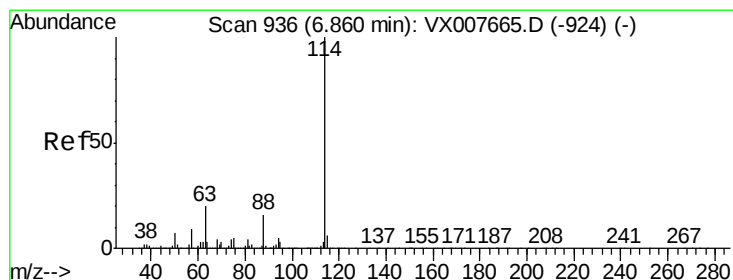
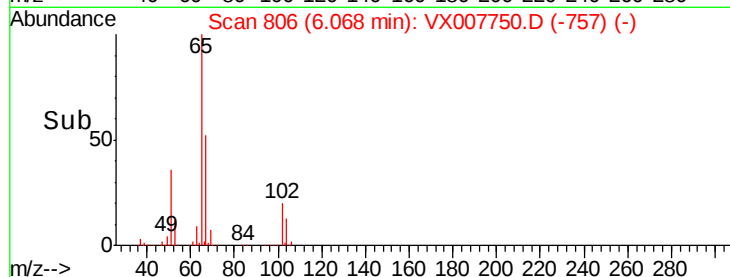
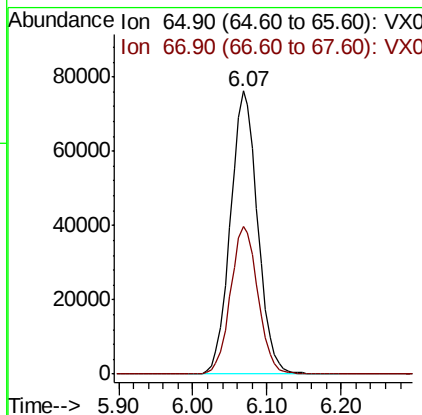
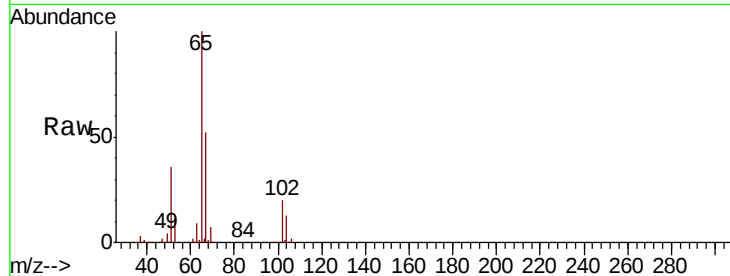




#33
 1,2-Dichloroethane-d4
 Concen: 49.432 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX007750.D
 Acq: 27 Feb 2019 22:31

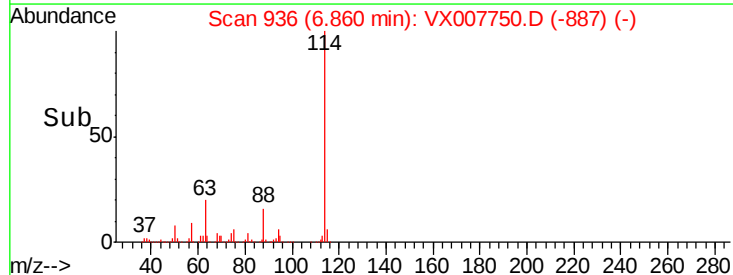
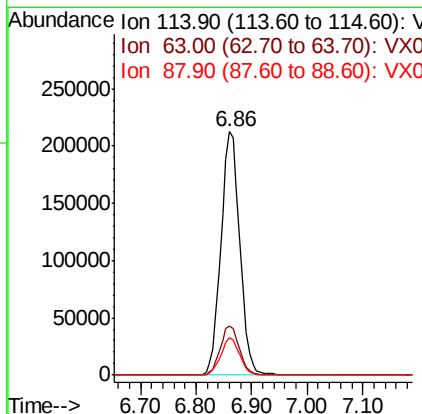
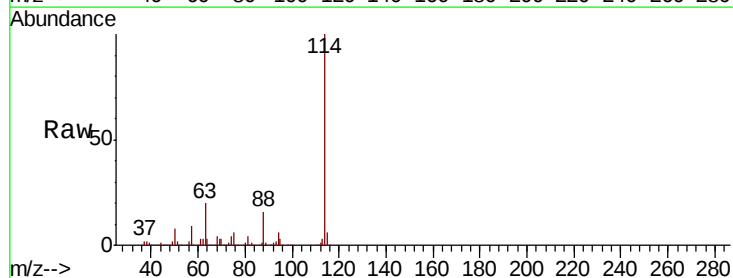
Instrument :
 MSVOA_X
 ClientSampleId :

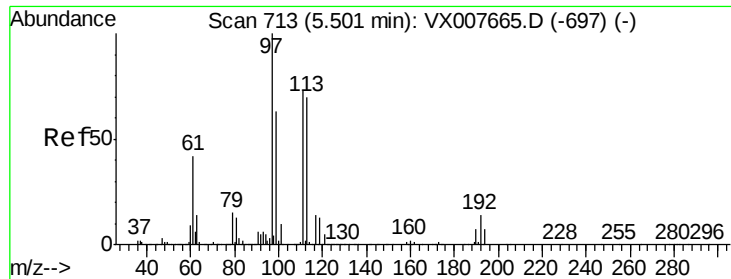
Tot Ion: 65 Resp: 195393
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 108.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX007750.D
 Acq: 27 Feb 2019 22:31

Tgt Ion: 114 Resp: 499064
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 35.6
 88 15.7 0.0 29.6





#35

Dibromofluoromethane

Concen: 48.712 ug/l

RT: 5.51 min Scan# 714

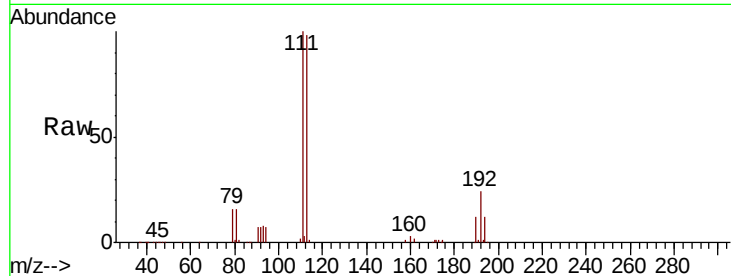
Delta R.T. 0.01 min

Lab File: VX007750.D

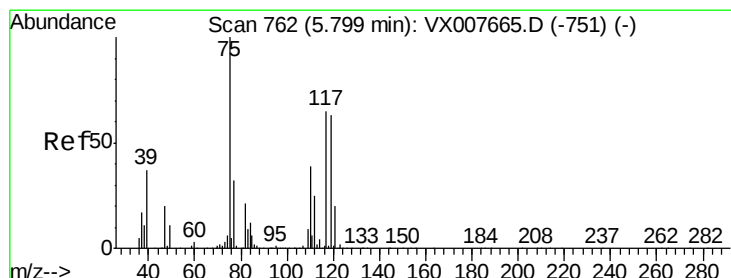
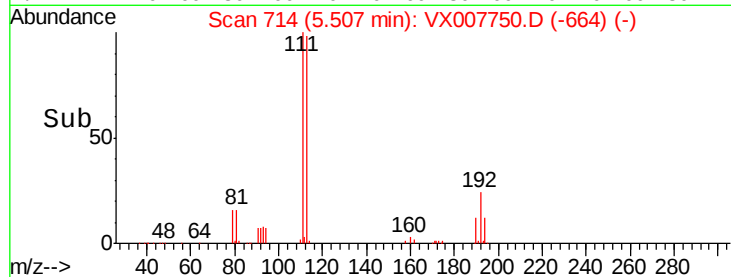
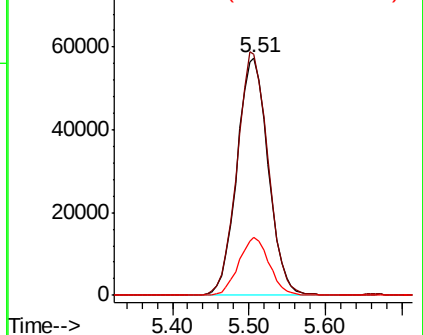
Acq: 27 Feb 2019 22:31

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	113	Resp:	162506
Ion	Ratio	Lower	Upper
113	100		
111	101.6	81.8	122.8
192	23.9	18.5	27.7



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: 4.735 ug/l

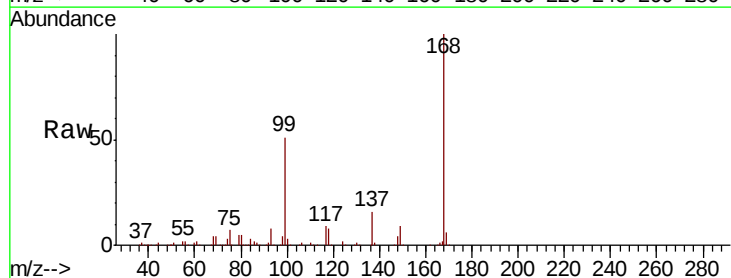
RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

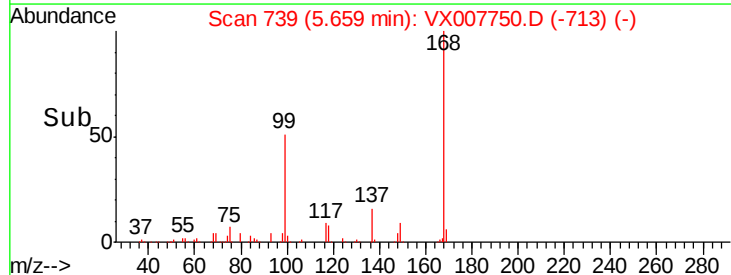
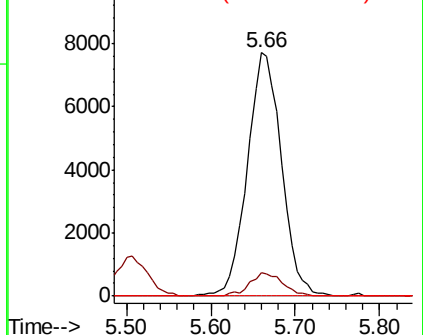
Lab File: VX007750.D

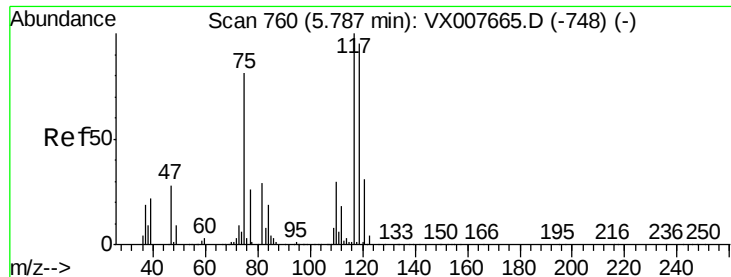
Acq: 27 Feb 2019 22:31

Tgt Ion:	75	Resp:	21243
Ion	Ratio	Lower	Upper
75	100		
110	9.3	20.0	59.9#
77	0.0	24.7	37.1#



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.225 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.13 min

Lab File: VX007750.D

Acq: 27 Feb 2019 22:31

Instrument :

MSVOA_X

ClientSampleId :

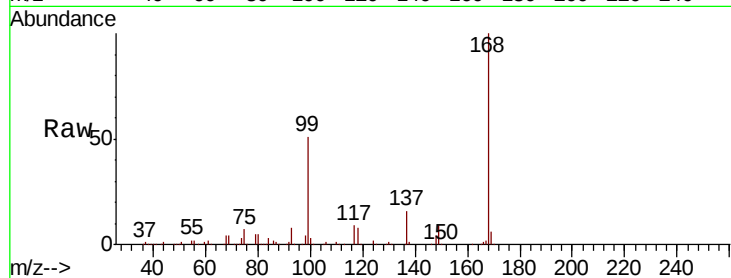
Tot Ion:117 Resp: 28055

Ion Ratio Lower Upper

117 100

119 5.2 75.3 112.9#

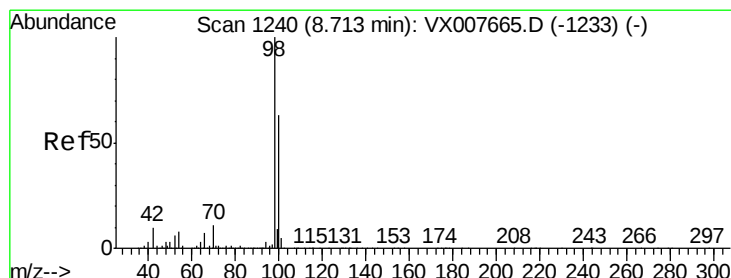
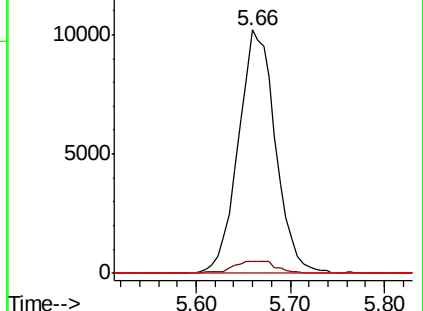
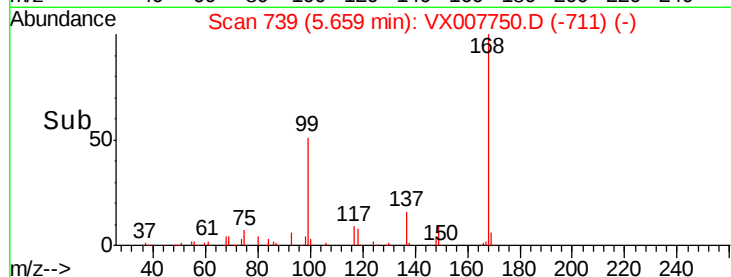
121 0.0 25.0 37.4#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 47.849 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007750.D

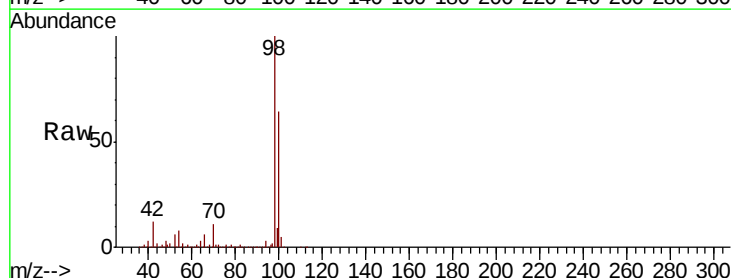
Acq: 27 Feb 2019 22:31

Tgt Ion: 98 Resp: 611116

Ion Ratio Lower Upper

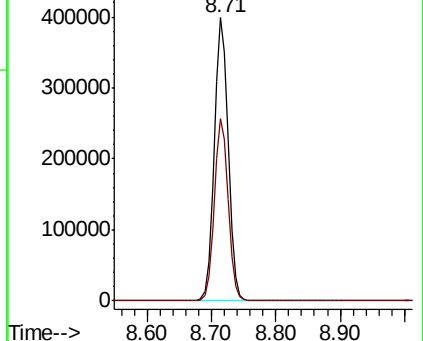
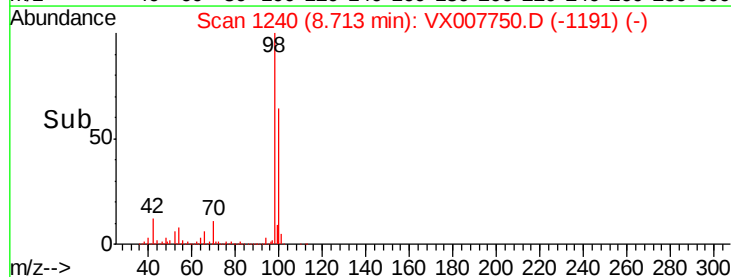
98 100

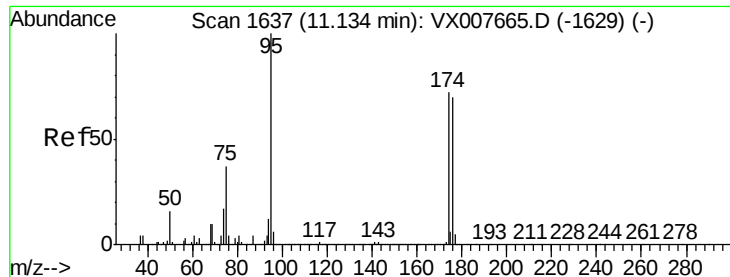
100 63.9 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 46.692 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007750.D

Acq: 27 Feb 2019 22:31

Instrument :

MSVOA_X

ClientSampleId :

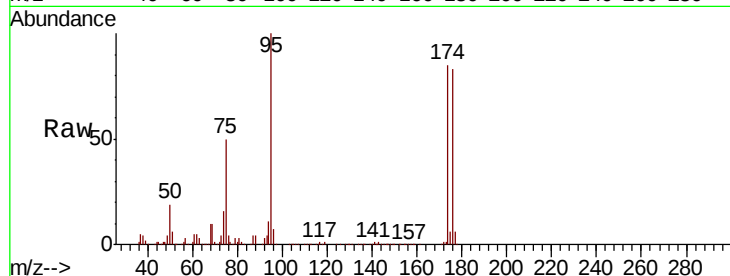
Tot Ion: 95 Resp: 218878

Ion Ratio Lower Upper

95 100

174 91.7 0.0 189.2

176 89.8 0.0 186.2

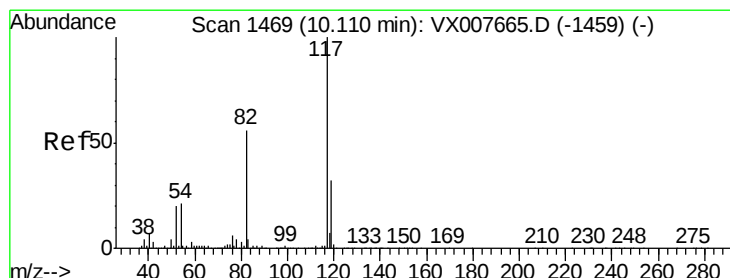
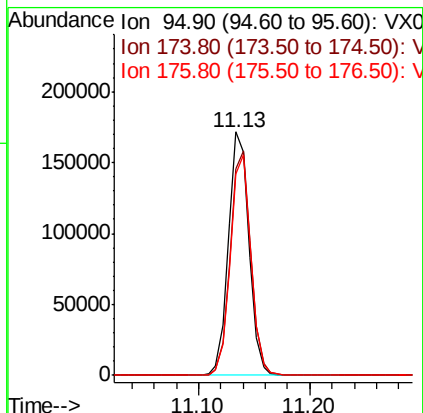
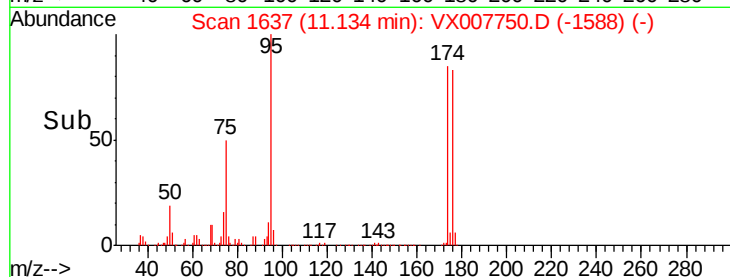


Abundance Ion 94.90 (94.60 to 95.60): VX007665.D (-1629) (-)

Ion 173.80 (173.50 to 174.50): VX007665.D (-1629) (-)

Ion 175.80 (175.50 to 176.50): VX007665.D (-1629) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX007750.D

Acq: 27 Feb 2019 22:31

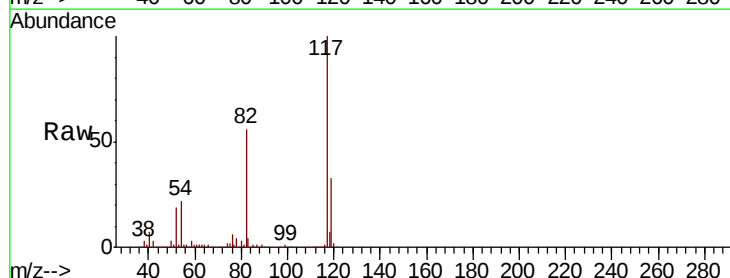
Tgt Ion: 117 Resp: 469644

Ion Ratio Lower Upper

117 100

82 56.4 42.1 63.1

119 32.6 26.5 39.7

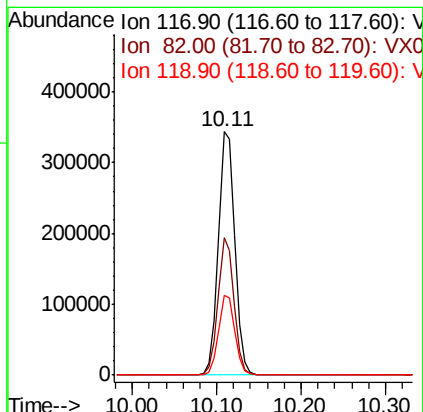
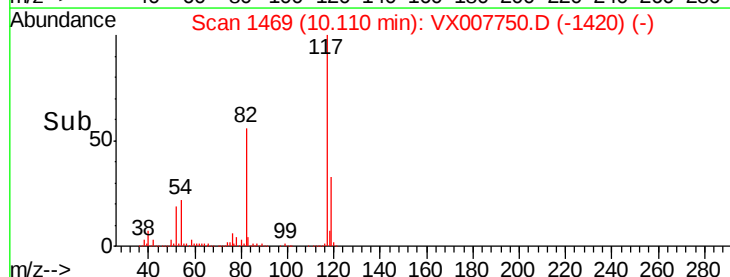


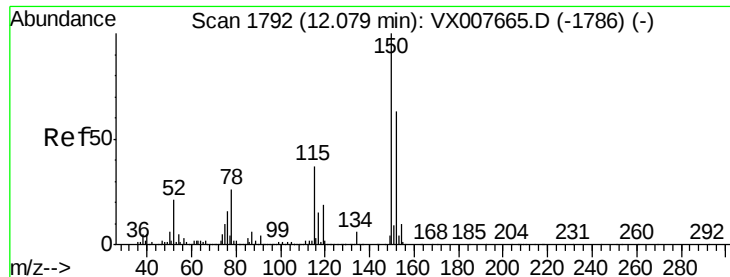
Abundance Ion 116.90 (116.60 to 117.60): VX007665.D (-1459) (-)

Ion 82.00 (81.70 to 82.70): VX007665.D (-1459) (-)

Ion 118.90 (118.60 to 119.60): VX007665.D (-1459) (-)

Time-->



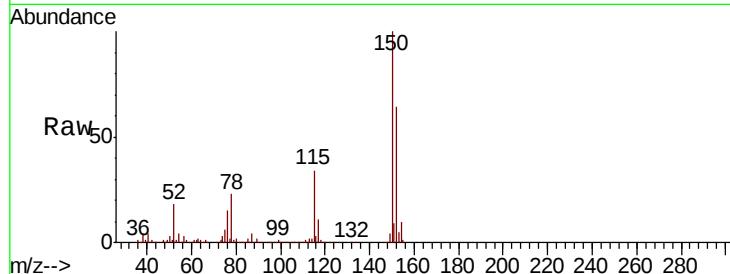


#72

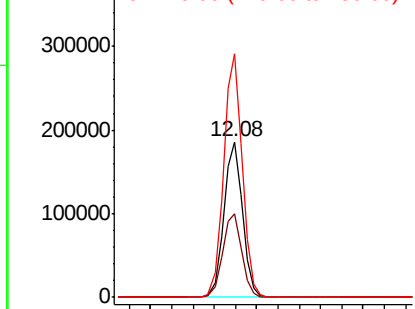
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX007750.D
Acq: 27 Feb 2019 22:31

Instrument :
MSVOA_X
ClientSampleId :

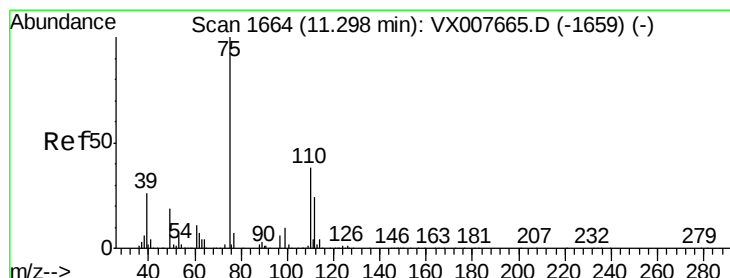
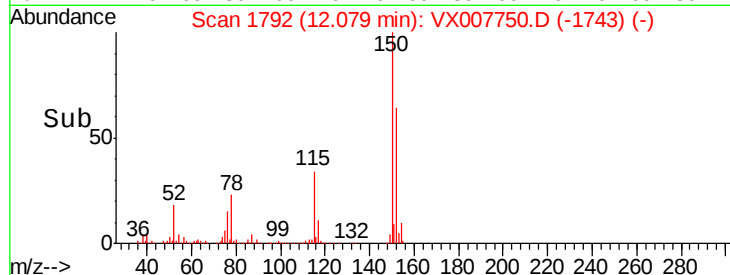
Tot Ion	Ratio	Lower	Upper
152	100		
115	55.3	38.0	114.0
150	156.4	0.0	346.4



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



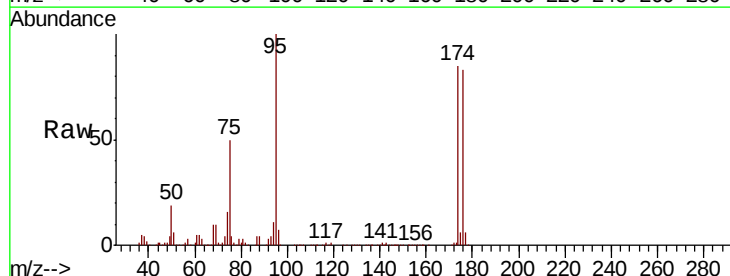
Time-->



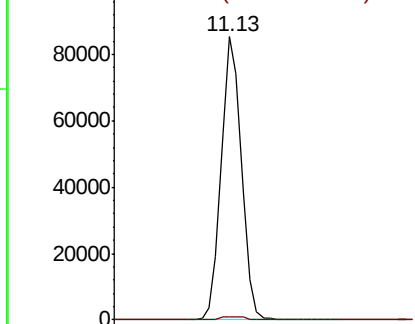
#76

1,2,3-Trichloropropane
Concen: 22.286 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX007750.D
Acq: 27 Feb 2019 22:31

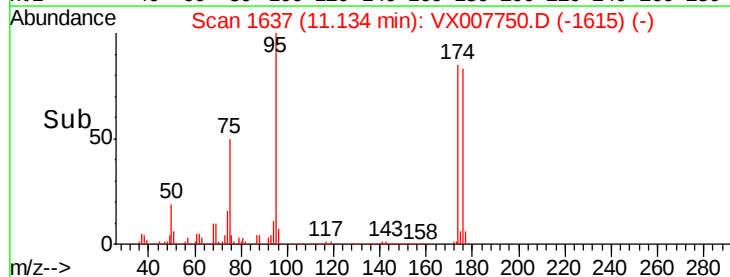
Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.4	23.0	69.0#

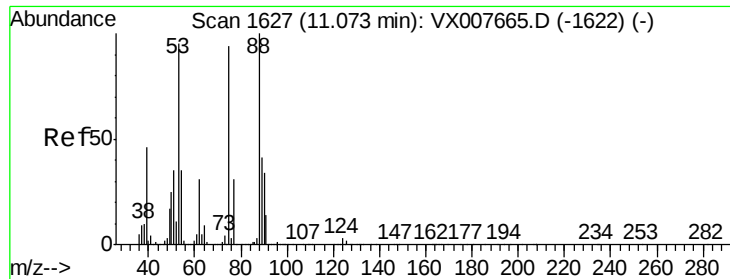


Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0



Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 59.135 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX007750.D

Acq: 27 Feb 2019 22:31

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 75 Resp: 107556

Ion Ratio Lower Upper

75 100

53 0.1 81.0 121.6#

89 0.0 41.4 62.0#

