

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111318\
 Data File : VX005961.D
 Acq On : 13 Nov 2018 20:47
 Operator : JC/MD
 Sample : J5931-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY038PS038-181112

Quant Time: Nov 14 03:29:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	97919	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	6.87	114	138239	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	124980	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	60451	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	65436	58.13	ug/l	0.00
Spiked Amount			Recovery	=	116.26%	
35) Dibromofluoromethane	5.51	113	51530	54.81	ug/l	0.00
Spiked Amount			Recovery	=	109.62%	
50) Toluene-d8	8.71	98	166909	53.40	ug/l	0.00
Spiked Amount			Recovery	=	106.80%	
62) 4-Bromofluorobenzene	11.14	95	55588	49.46	ug/l	0.00
Spiked Amount			Recovery	=	98.92%	

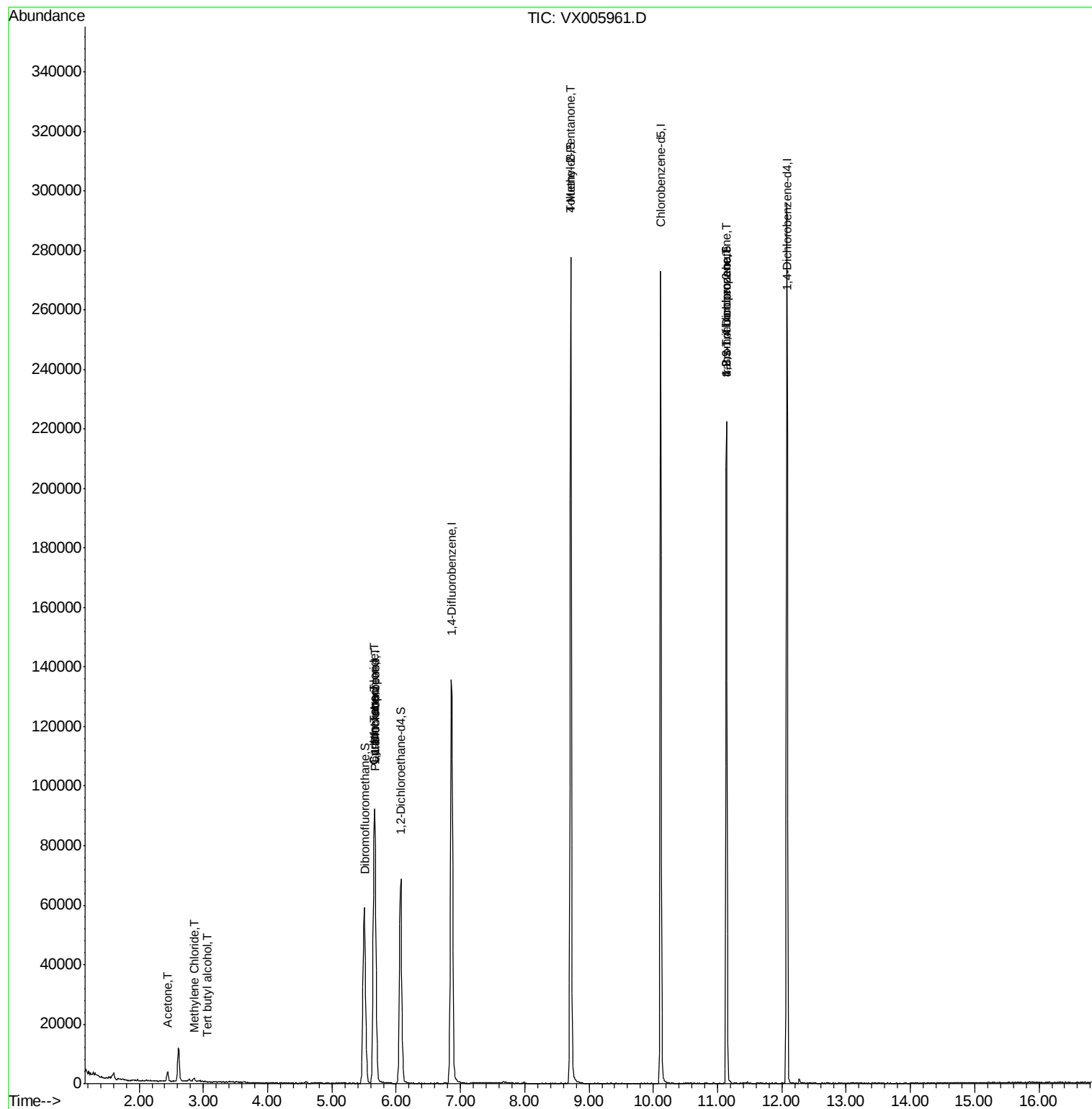
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.07	59	78	0.242	ug/l #	72
16) Acetone	2.44	43	3386	5.586	ug/l	91
18) Methyl Acetate	2.78	43	1085	Below Cal	#	85
20) Methylene Chloride	2.85	84	464	0.466	ug/l	95
31) Cyclohexane	5.65	56	2008	1.280	ug/l #	47
36) 1,1-Dichloropropene	5.67	75	6866	5.152	ug/l #	48
38) Carbon Tetrachloride	5.66	117	9068	6.797	ug/l #	16
51) 4-Methyl-2-Pentanone	8.71	43	807	0.504	ug/l #	1
76) 1,2,3-Trichloropropane	11.14	75	27868	22.640	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.14	75	27868	72.158	ug/l #	9

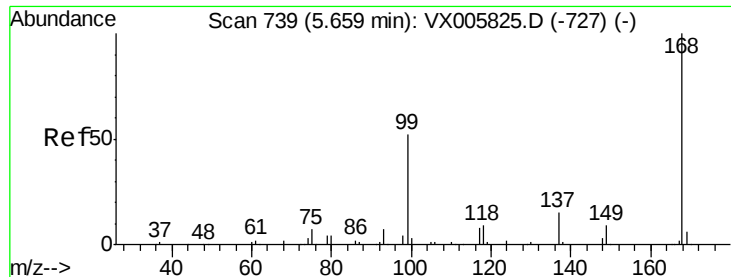
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 14 03:29:33 2018
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Quant Title : SW846 8260
QLast Update : Wed Nov 07 14:40:53 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.68 min Scan# 742

Delta R.T. 0.02 min

Lab File: VX005961.D

Acq: 13 Nov 2018 20:47

Instrument :

MSVOA_X

ClientSampleId :

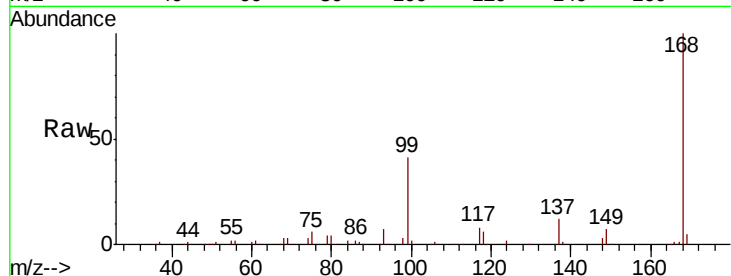
KY038PS038-181112

Tot Ion:168 Resp: 97919

Ion Ratio Lower Upper

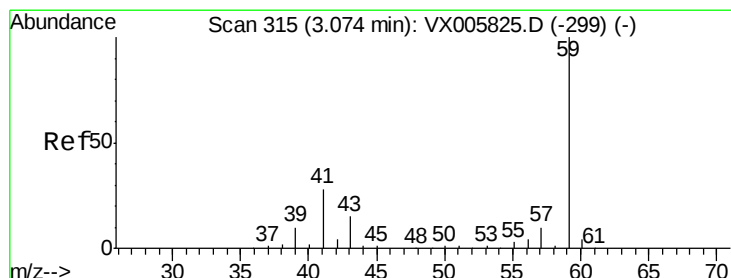
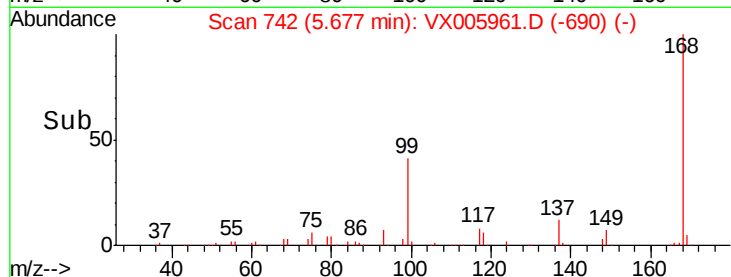
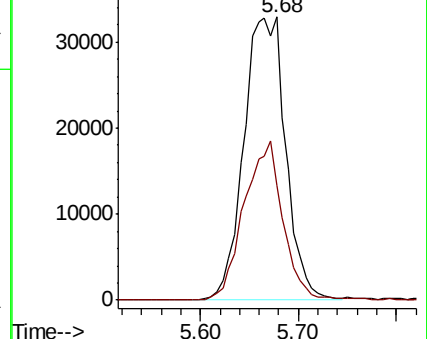
168 100

99 40.5 40.7 61.1#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#11

Tert butyl alcohol

Concen: 0.242 ug/l

RT: 3.07 min Scan# 314

Delta R.T. -0.01 min

Lab File: VX005961.D

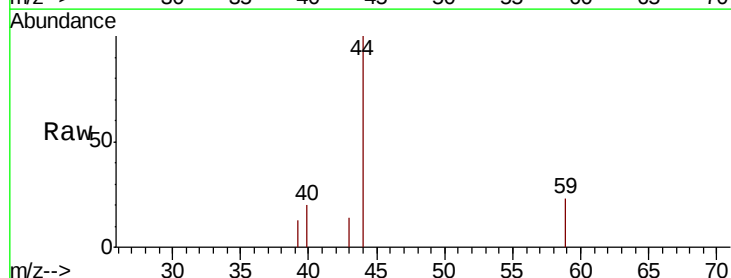
Acq: 13 Nov 2018 20:47

Tgt Ion: 59 Resp: 78

Ion Ratio Lower Upper

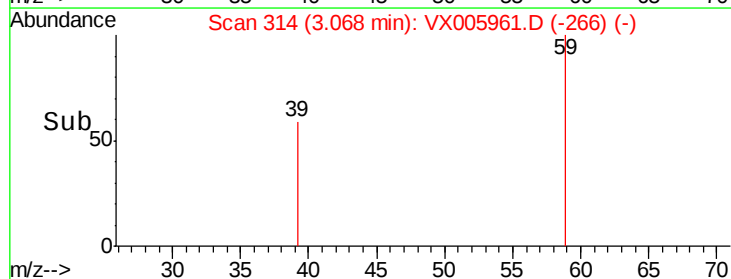
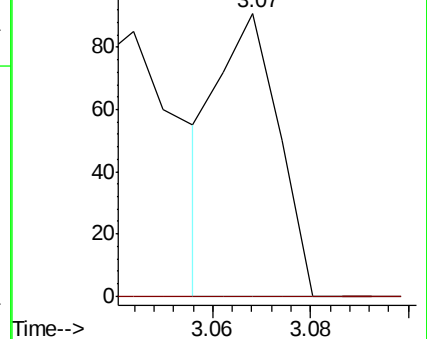
59 100

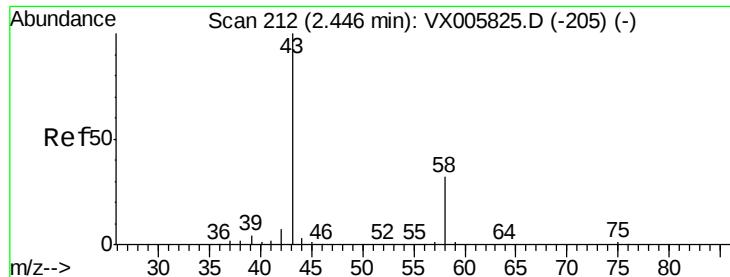
57 0.0 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#16

Acetone

Concen: 5.586 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX005961.D

Acq: 13 Nov 2018 20:47

Instrument :

MSVOA_X

ClientSampleId :

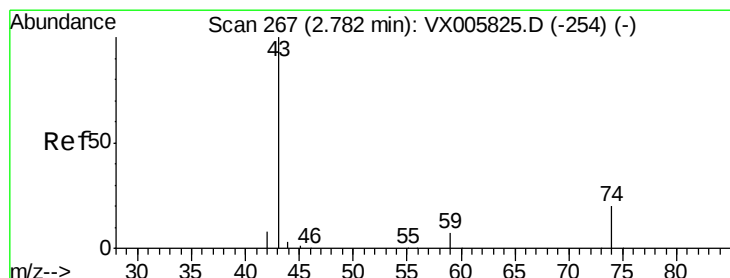
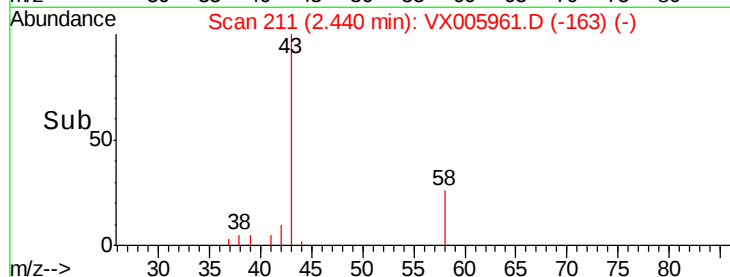
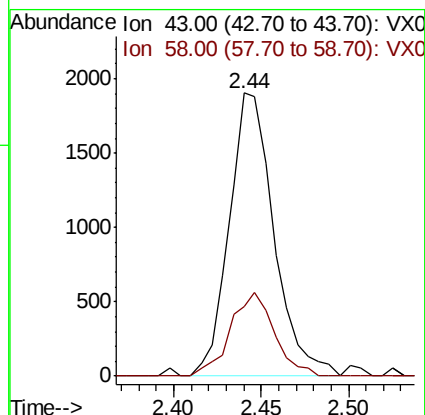
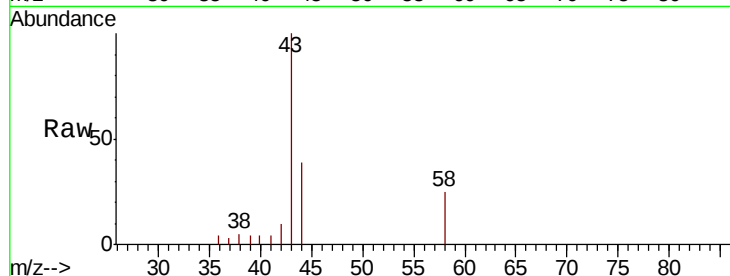
KY038PS038-181112

Tot Ion: 43 Resp: 3386

Ion Ratio Lower Upper

43 100

58 24.7 23.8 35.6



#18

Methyl Acetate

Concen: Below Cal

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX005961.D

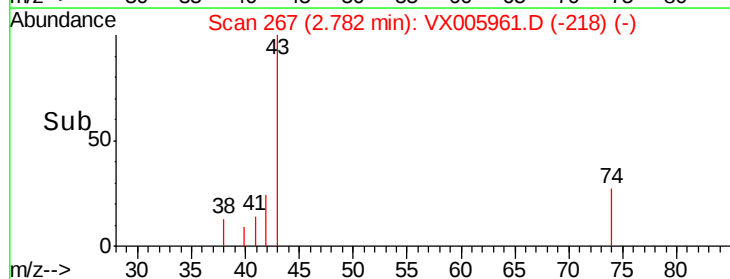
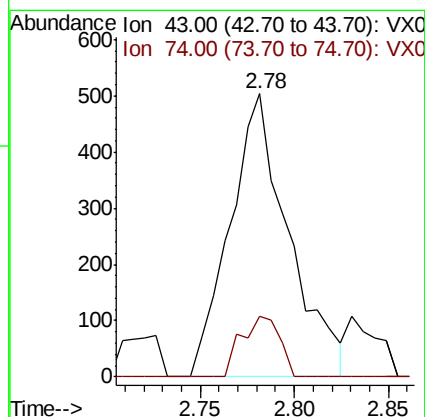
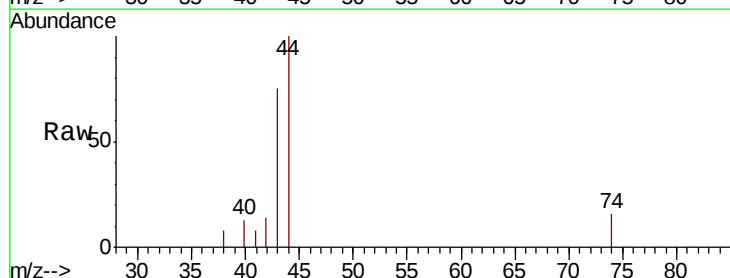
Acq: 13 Nov 2018 20:47

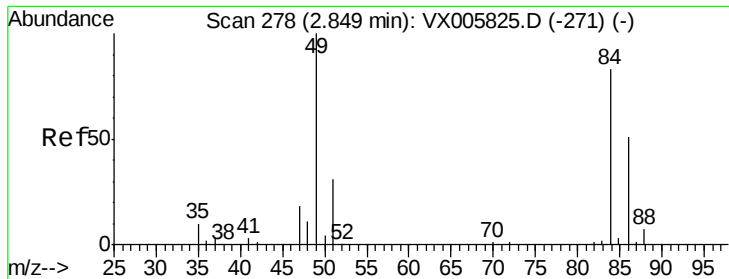
Tgt Ion: 43 Resp: 1085

Ion Ratio Lower Upper

43 100

74 14.1 16.8 25.2#

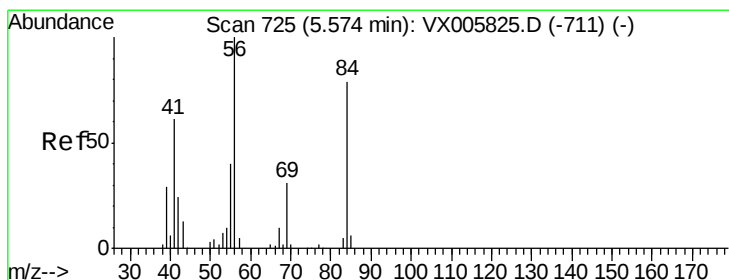
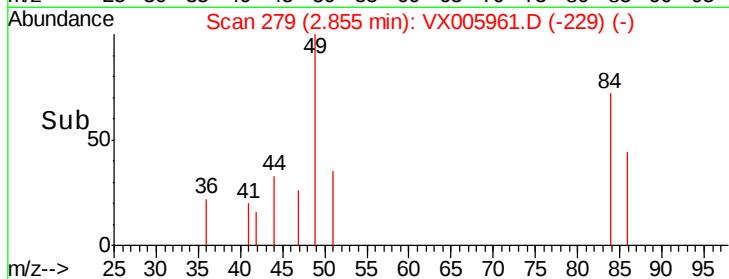
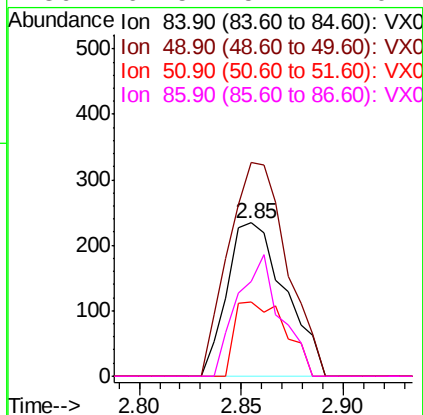
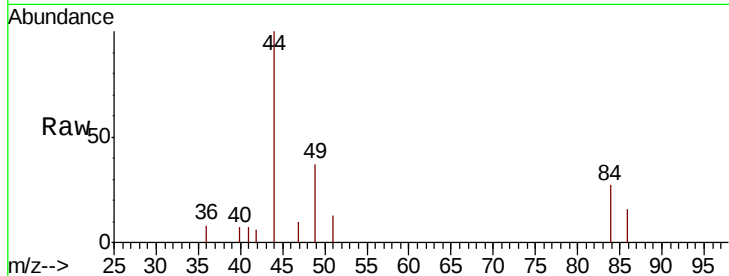




#20
Methvlene Chloride
Concen: 0.466 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.01 min
Lab File: VX005961.D
Acq: 13 Nov 2018 20:47

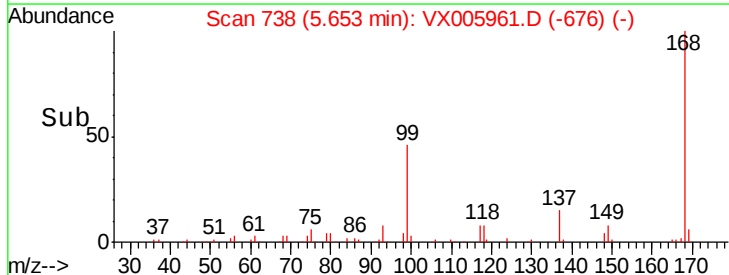
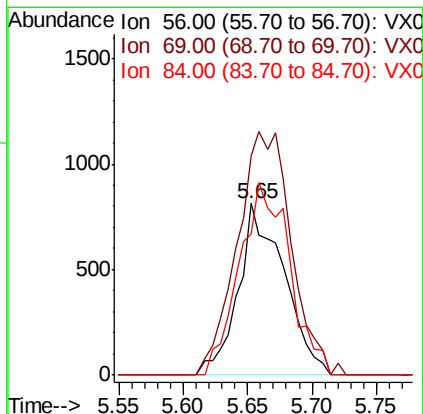
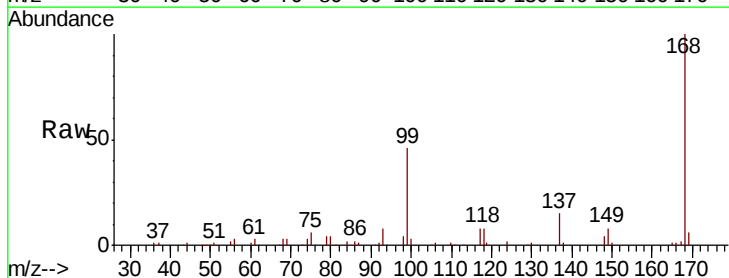
Instrument :
MSVOA_X
ClientSampleId :
KY038PS038-181112

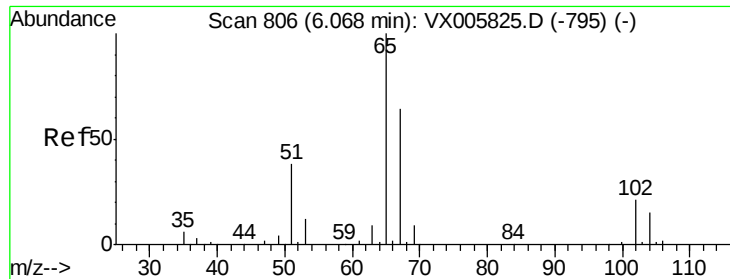
Tot Ion:	84	Resp:	464
Ion	Ratio	Lower	Upper
84	100		
49	139.3	109.5	164.3
51	48.7	33.3	49.9
86	61.5	52.7	79.1



#31
Cyclohexane
Concen: 1.280 ug/l
RT: 5.65 min Scan# 738
Delta R.T. 0.08 min
Lab File: VX005961.D
Acq: 13 Nov 2018 20:47

Tgt Ion:	56	Resp:	2008
Ion	Ratio	Lower	Upper
56	100		
69	127.6	22.6	34.0#
84	82.5	62.7	94.1

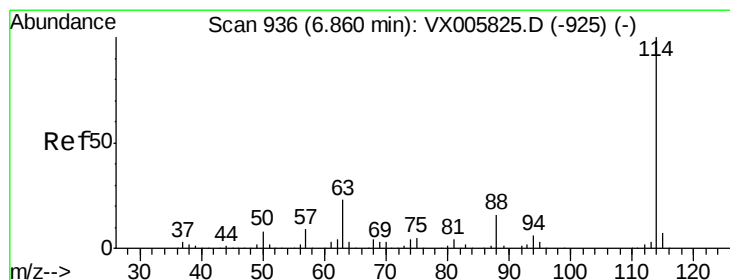
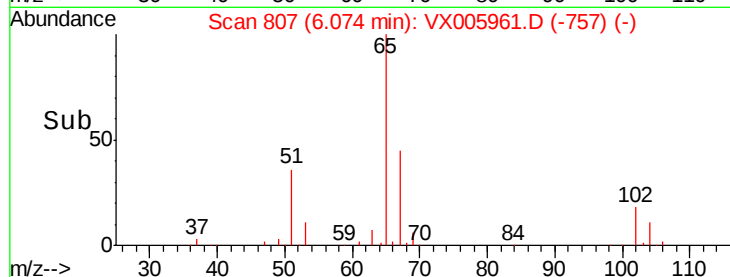
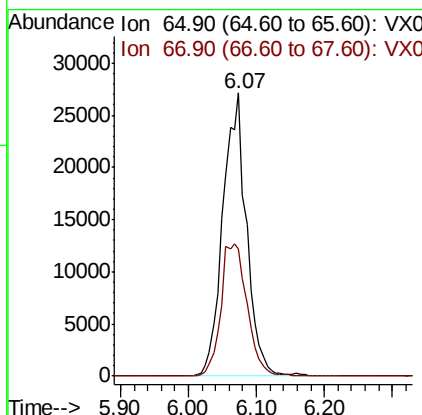
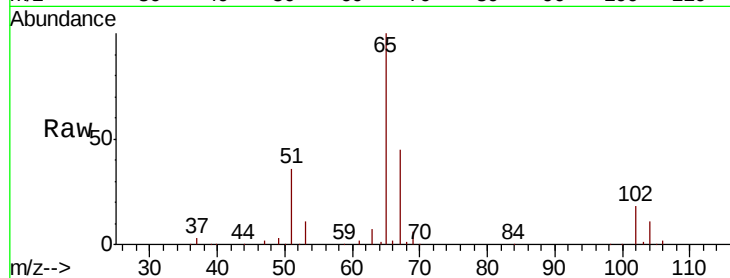




#33
 1,2-Dichloroethane-d4
 Concen: 58.129 ug/l
 RT: 6.07 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: VX005961.D
 Acq: 13 Nov 2018 20:47

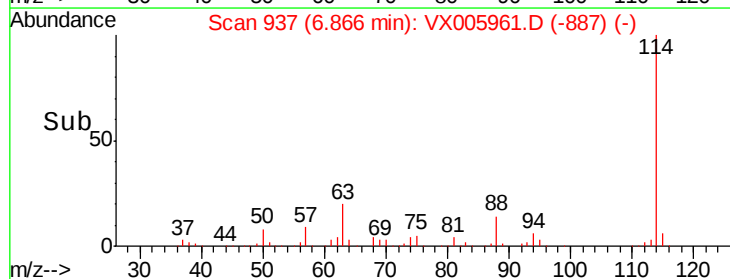
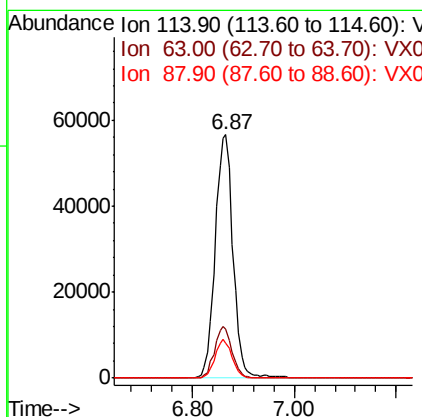
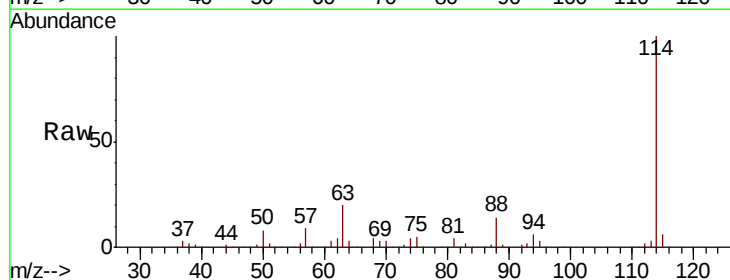
Instrument :
 MSVOA_X
 ClientSampleId :
 KY038PS038-181112

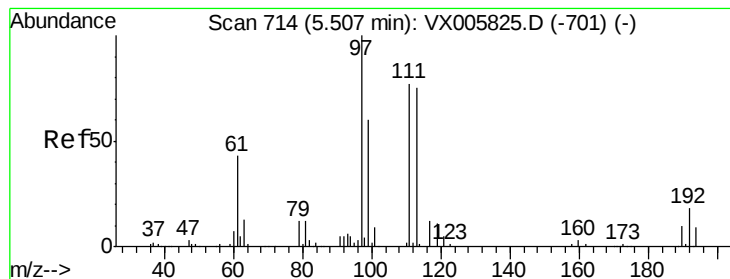
Tot Ion: 65 Resp: 65436
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 937
 Delta R.T. 0.01 min
 Lab File: VX005961.D
 Acq: 13 Nov 2018 20:47

Tgt Ion: 114 Resp: 138239
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 42.8
 88 14.4 0.0 31.2





#35

Dibromofluoromethane

Concen: 54.806 ug/l

RT: 5.51 min Scan# 715

Delta R.T. 0.01 min

Lab File: VX005961.D

Acq: 13 Nov 2018 20:47

Instrument :

MSVOA_X

ClientSampleId :

KY038PS038-181112

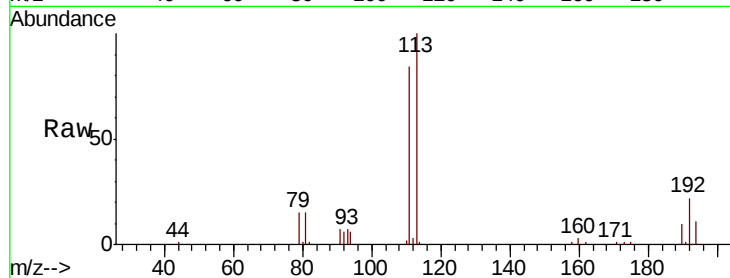
Tot Ion:113 Resp: 51530

Ion Ratio Lower Upper

113 100

111 98.3 82.3 123.5

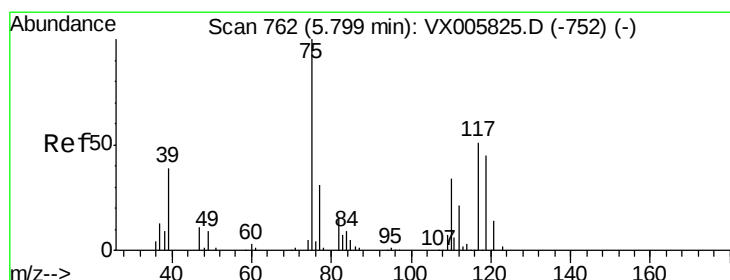
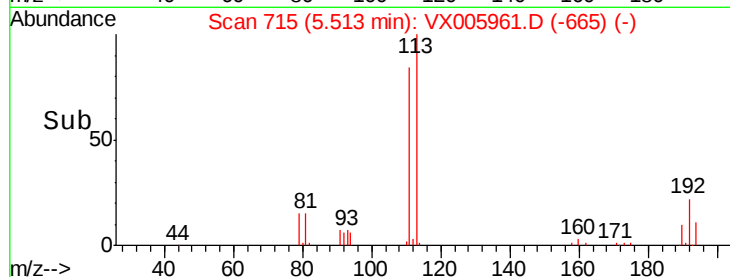
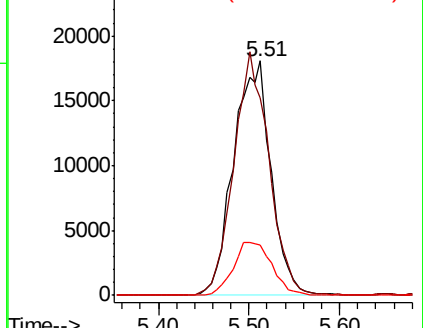
192 23.3 17.9 26.9



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: 5.152 ug/l

RT: 5.67 min Scan# 741

Delta R.T. -0.13 min

Lab File: VX005961.D

Acq: 13 Nov 2018 20:47

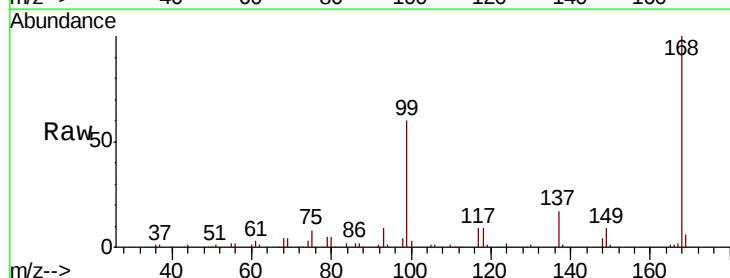
Tgt Ion: 75 Resp: 6866

Ion Ratio Lower Upper

75 100

110 8.1 17.4 52.2#

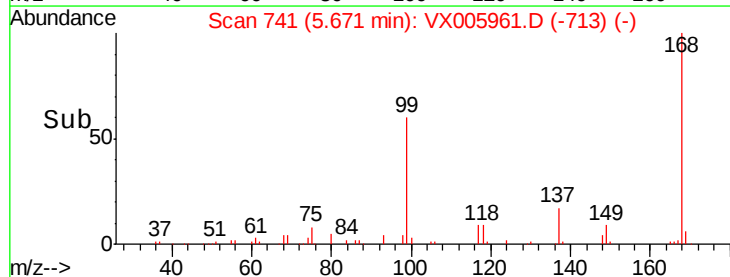
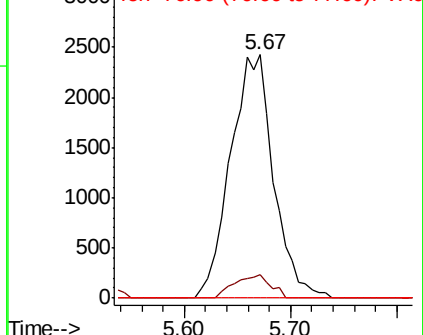
77 0.0 25.8 38.6#

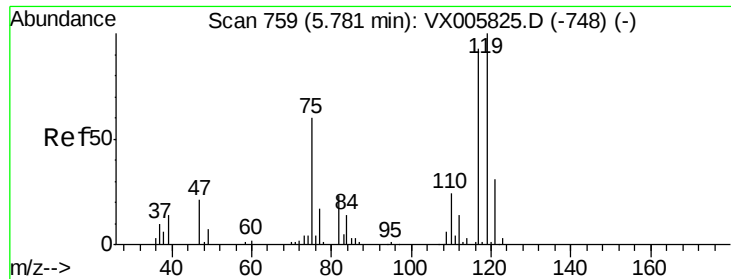


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.797 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX005961.D

Acq: 13 Nov 2018 20:47

Instrument :

MSVOA_X

ClientSampleId :

KY038PS038-181112

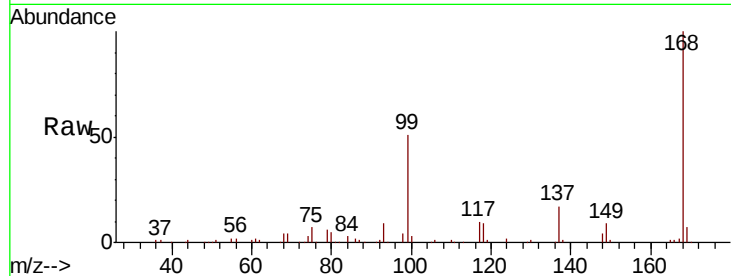
Tot Ion:117 Resp: 9068

Ion Ratio Lower Upper

117 100

119 6.1 78.1 117.1#

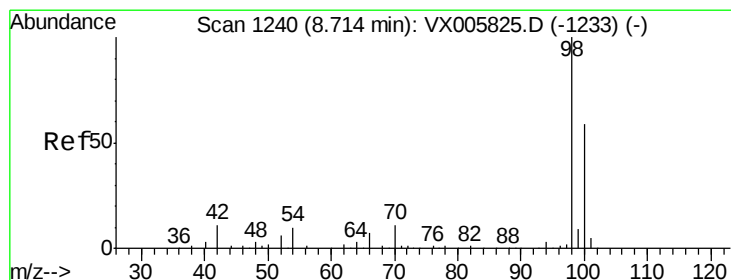
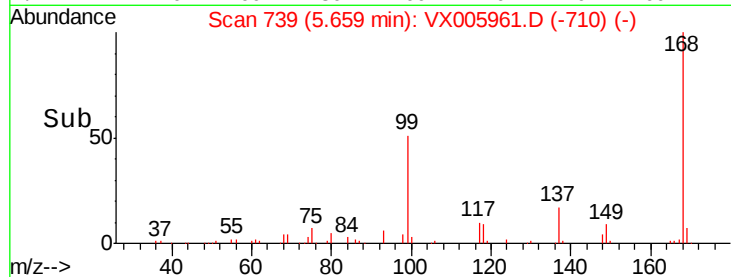
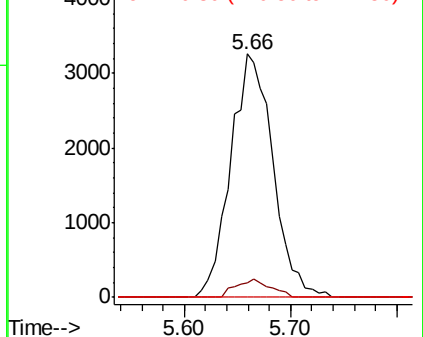
121 0.0 24.6 36.8#



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: 53.396 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX005961.D

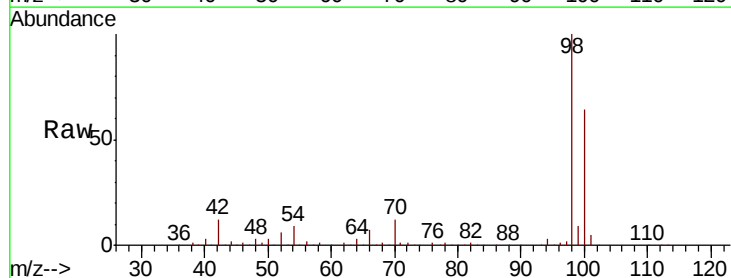
Acq: 13 Nov 2018 20:47

Tgt Ion: 98 Resp: 166909

Ion Ratio Lower Upper

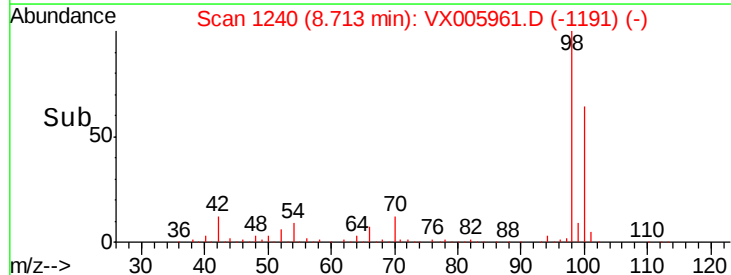
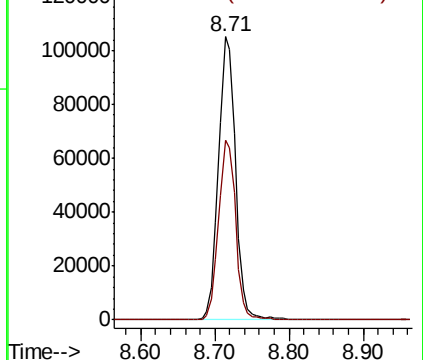
98 100

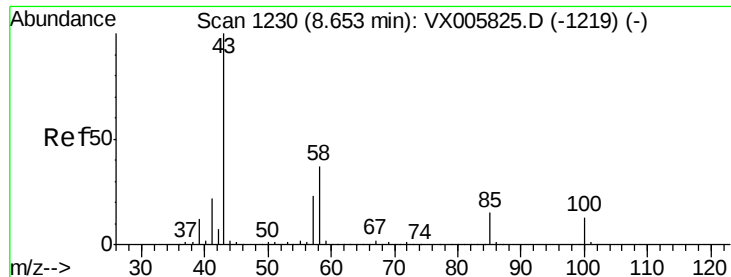
100 63.6 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 0.504 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.06 min

Lab File: VX005961.D

Acq: 13 Nov 2018 20:47

Instrument :

MSVOA_X

ClientSampleId :

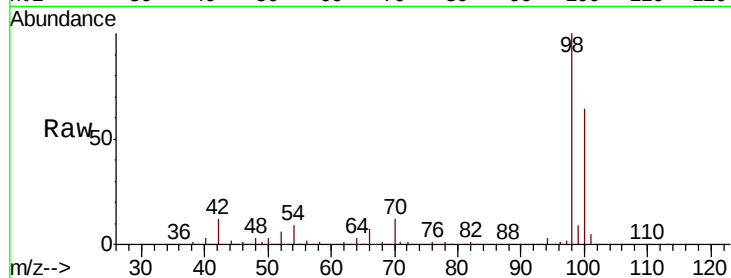
KY038PS038-181112

Tot Ion: 43 Resp: 807

Ion Ratio Lower Upper

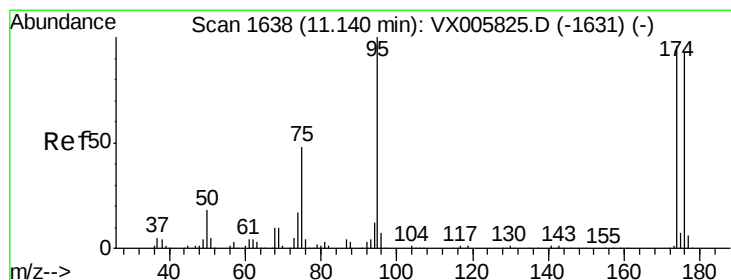
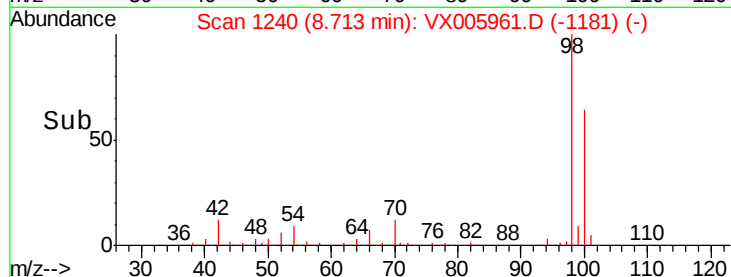
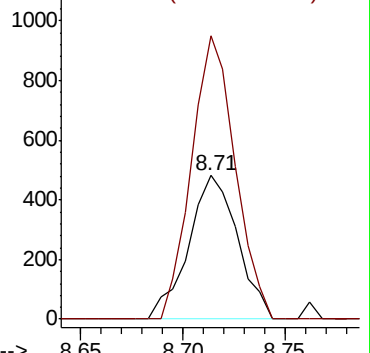
43 100

58 175.2 29.7 44.5#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#62

4-Bromofluorobenzene

Concen: 49.461 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005961.D

Acq: 13 Nov 2018 20:47

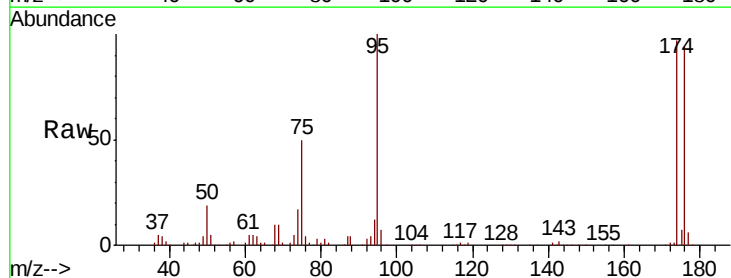
Tgt Ion: 95 Resp: 55588

Ion Ratio Lower Upper

95 100

174 92.5 0.0 184.4

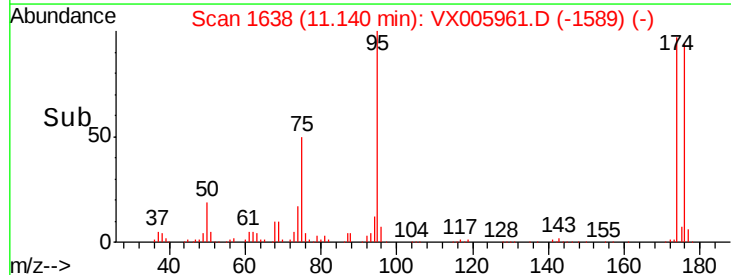
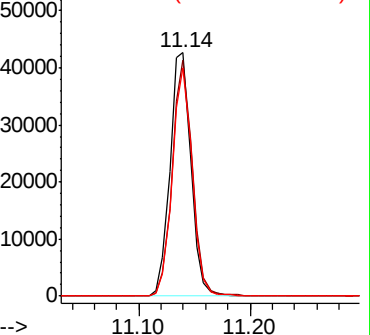
176 89.1 0.0 177.4

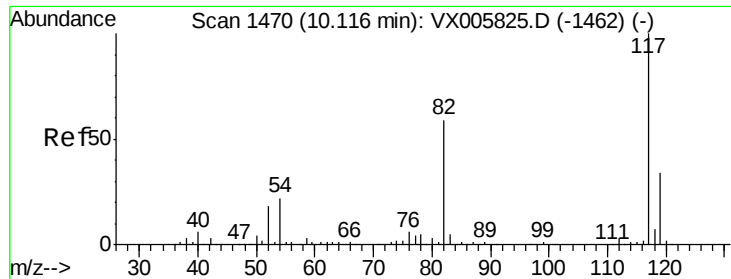


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

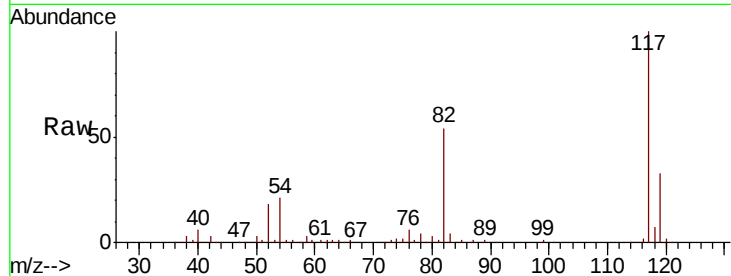




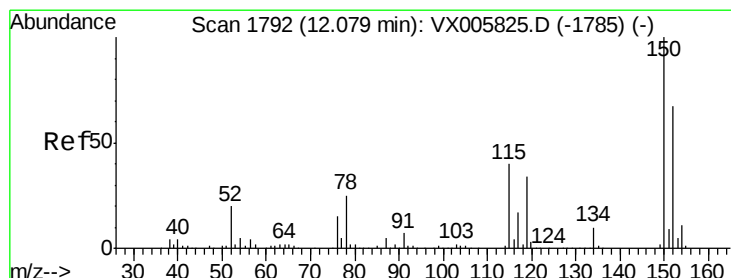
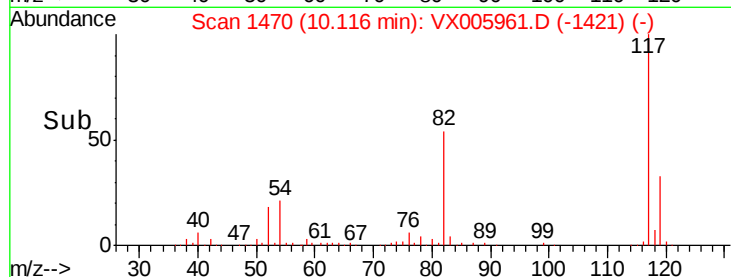
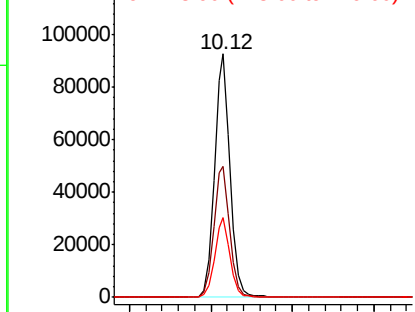
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005961.D
Acq: 13 Nov 2018 20:47

Instrument :
MSVOA_X
ClientSampleId :
KY038PS038-181112

Tot Ion:117 Resp: 124980
Ion Ratio Lower Upper
117 100
82 53.7 44.1 66.1
119 32.6 26.2 39.2

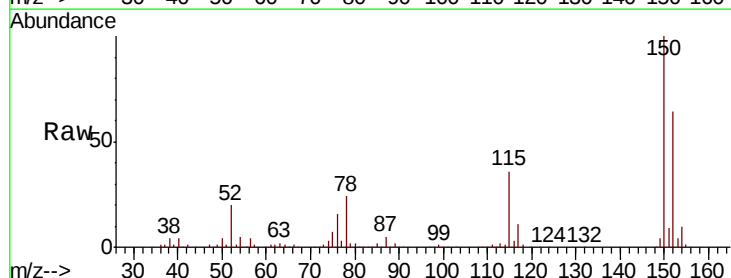


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

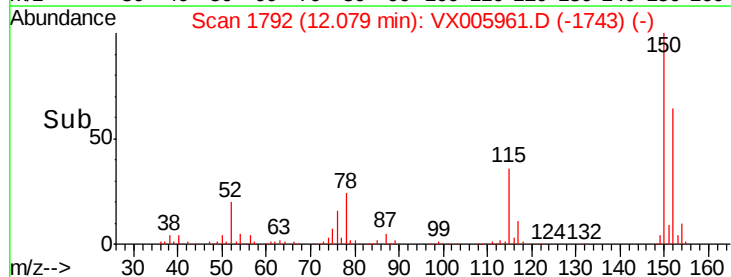
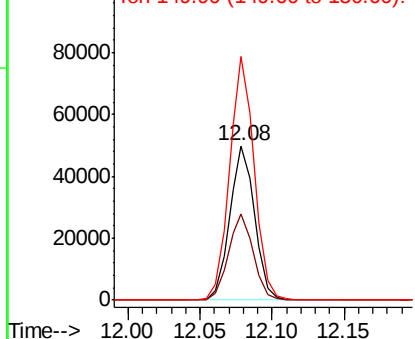


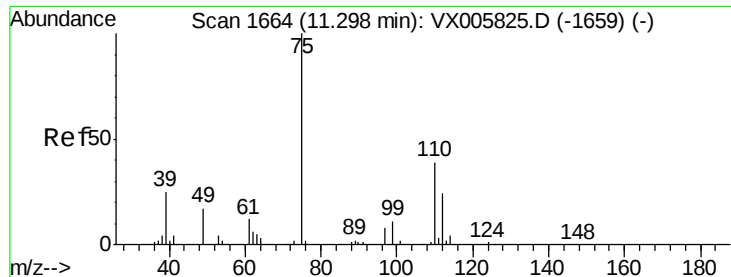
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005961.D
Acq: 13 Nov 2018 20:47

Tgt Ion:152 Resp: 60451
Ion Ratio Lower Upper
152 100
115 56.0 39.4 118.1
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





#76

1,2,3-Trichloropropane

Concen: 22.640 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX005961.D

Acq: 13 Nov 2018 20:47

Instrument :

MSVOA_X

ClientSampleId :

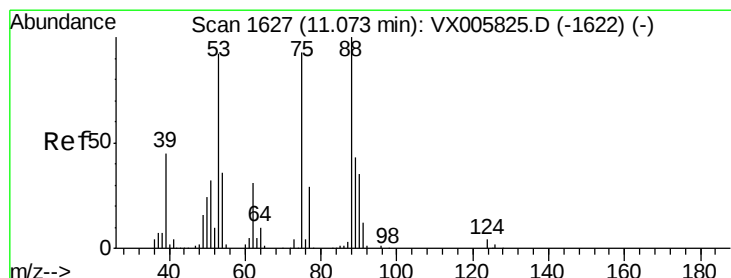
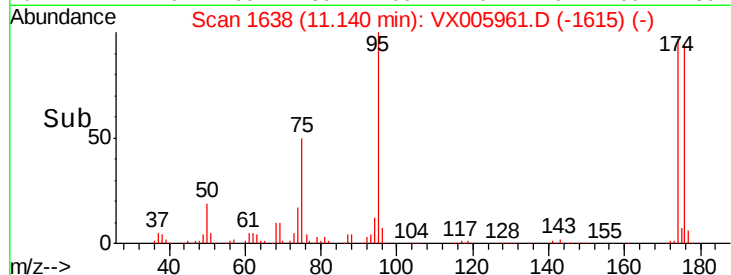
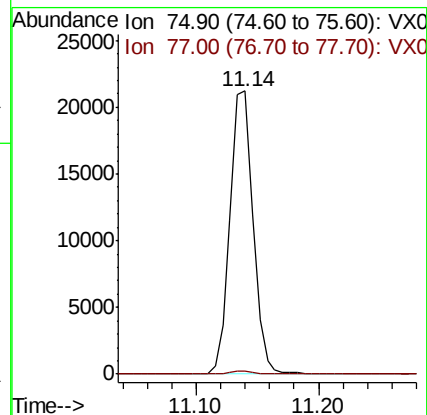
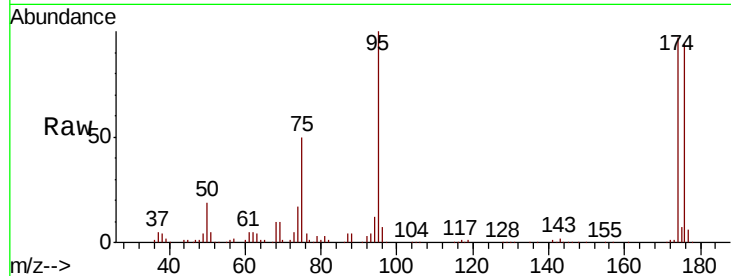
KY038PS038-181112

Tot Ion: 75 Resp: 27868

Ion Ratio Lower Upper

75 100

77 1.1 20.5 61.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 72.158 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.07 min

Lab File: VX005961.D

Acq: 13 Nov 2018 20:47

Tgt Ion: 75 Resp: 27868

Ion Ratio Lower Upper

75 100

53 0.2 80.2 120.2#

89 0.0 39.8 59.8#

