

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081319\
 Data File : VX011544.D
 Acq On : 13 Aug 2019 18:24
 Operator : JC/SP
 Sample : K4336-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY038PS036-190812

Quant Time: Aug 14 01:10:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

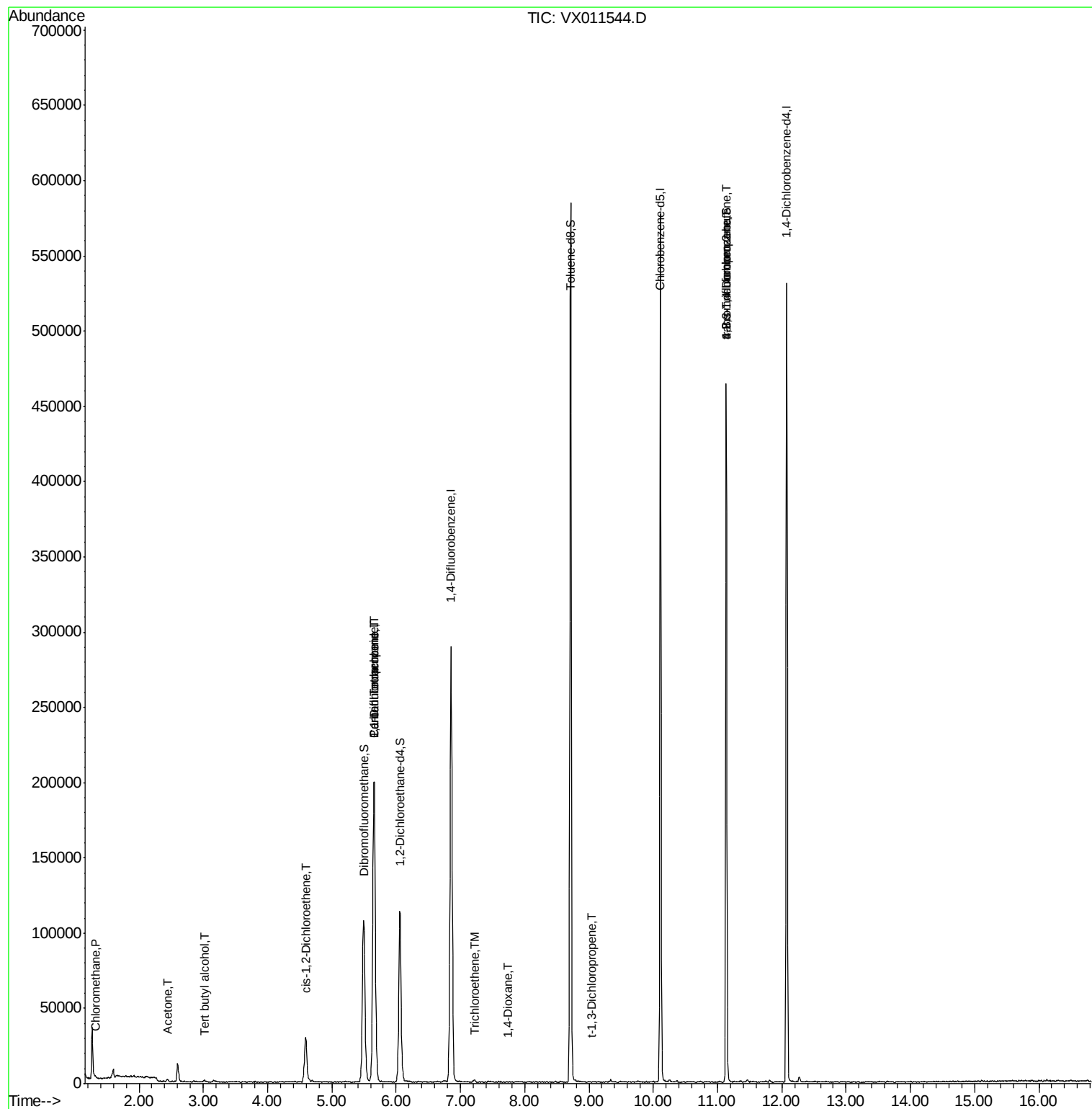
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	195455	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	292177	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	255853	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	114805	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	109556	55.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.32%	
35) Dibromofluoromethane	5.49	113	89795	47.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.14%	
50) Toluene-d8	8.71	98	343159	47.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.32%	
62) 4-Bromofluorobenzene	11.13	95	112376	43.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.42%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.32	50	758	0.447	ug/l	93
6) Chloroethane	1.75	64	423	Below Cal	#	59
11) Tert butyl alcohol	3.01	59	655	1.691	ug/l #	72
13) Acrolein	2.28	56	54	Below Cal	#	1
16) Acetone	2.44	43	1942	2.073	ug/l #	86
27) cis-1,2-Dichloroethene	4.59	96	19621	9.055	ug/l	93
36) 1,1-Dichloropropene	5.65	75	14015	5.494	ug/l #	49
38) Carbon Tetrachloride	5.65	117	18913	7.369	ug/l #	16
44) Trichloroethene	7.21	130	735	0.319	ug/l	93
49) 1,4-Dioxane	7.74	88	23	0.412	ug/l #	29
53) t-1,3-Dichloropropene	9.04	75	27	2.847	ug/l #	43
76) 1,2,3-Trichloropropane	11.13	75	58483	27.972	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.13	75	58483	72.458	ug/l #	10

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX081319\
Data File : VX011544.D
Acq On : 13 Aug 2019 18:24
Operator : JC/SP
Sample : K4336-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
KY038PS036-190812

Quant Time: Aug 14 01:10:15 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 02 01:55:00 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: VX011544.D

Acq: 13 Aug 2019 18:24

Instrument :

MSVOA_X

ClientSampleId :

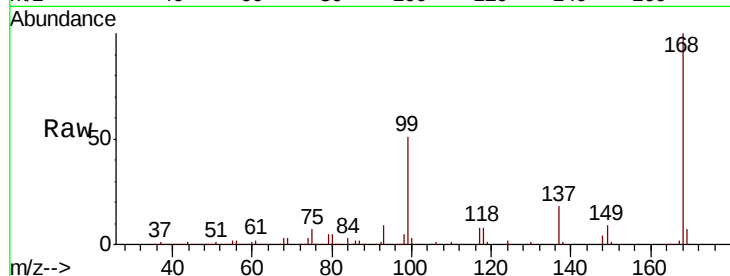
KY038PS036-190812

Tgt Ion:168 Resp: 195455

Ion Ratio Lower Upper

168 100

99 50.8 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

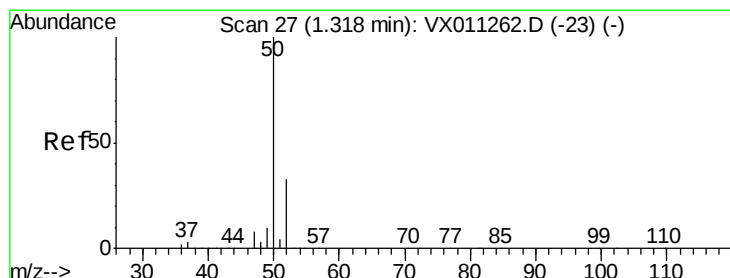
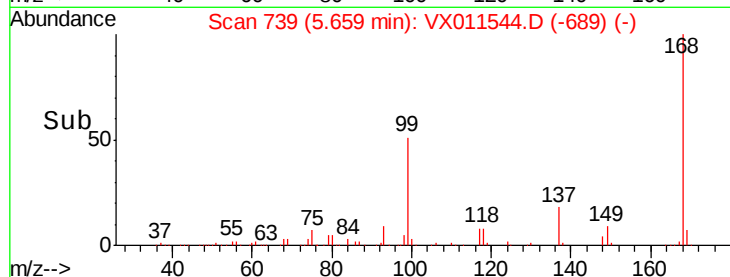
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.447 ug/l

RT: 1.32 min Scan# 27

Delta R.T. 0.00 min

Lab File: VX011544.D

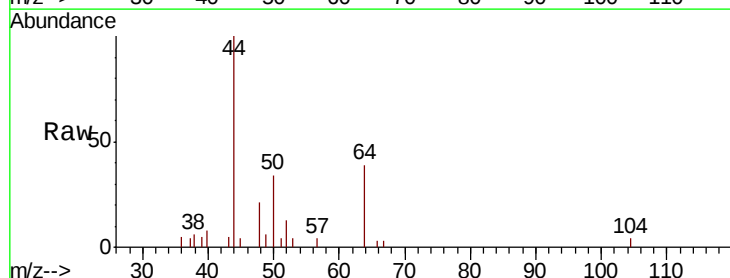
Acq: 13 Aug 2019 18:24

Tgt Ion: 50 Resp: 758

Ion Ratio Lower Upper

50 100

52 37.1 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

800

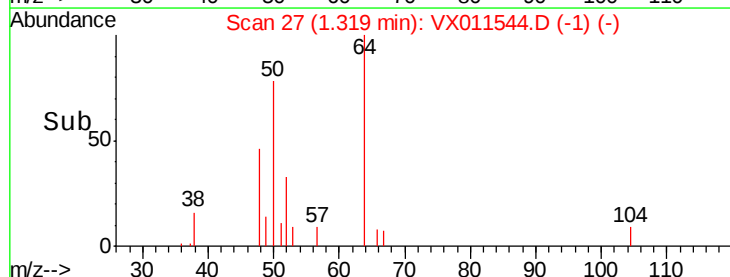
600

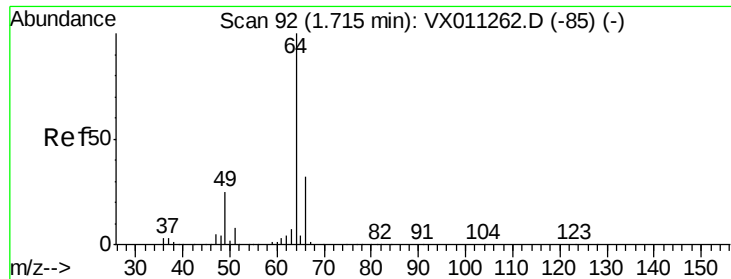
400

200

0

Time--> 1.28 1.30 1.32 1.34 1.36





#6

Chloroethane

Concen: Below Cal

RT: 1.75 min Scan# 98

Delta R.T. 0.04 min

Lab File: VX011544.D

Acq: 13 Aug 2019 18:24

Instrument :

MSVOA_X

ClientSampleId :

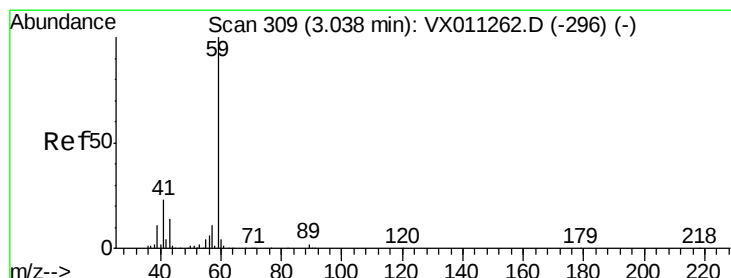
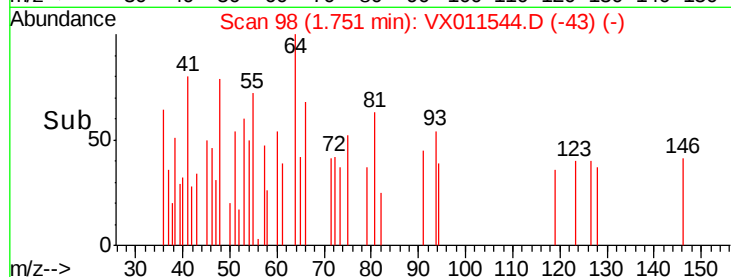
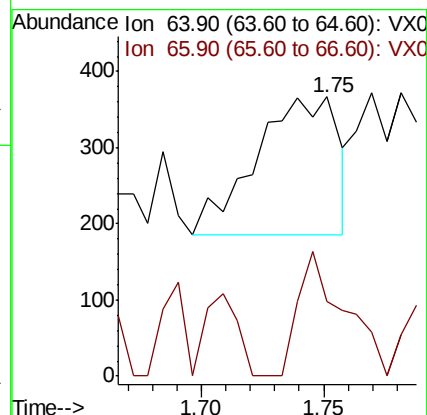
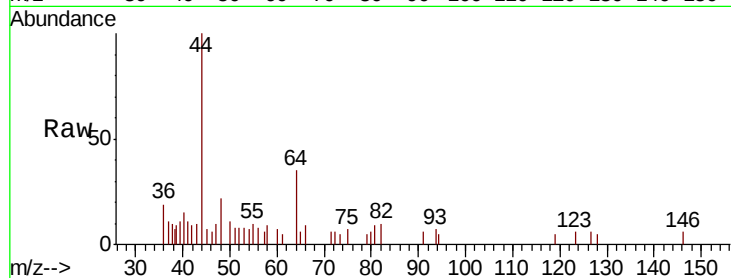
KY038PS036-190812

Tgt Ion: 64 Resp: 423

Ion Ratio Lower Upper

64 100

66 54.1 25.1 37.7#



#11

Tert butyl alcohol

Concen: 1.691 ug/l

RT: 3.01 min Scan# 305

Delta R.T. -0.02 min

Lab File: VX011544.D

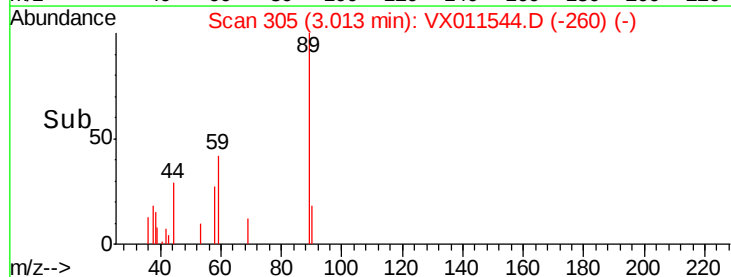
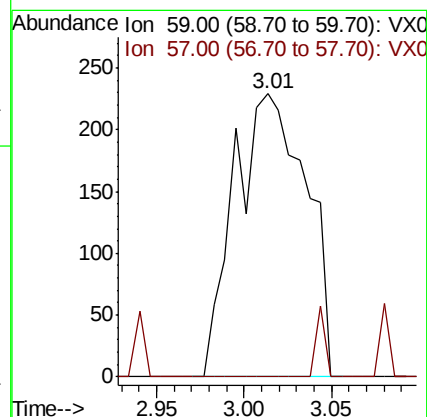
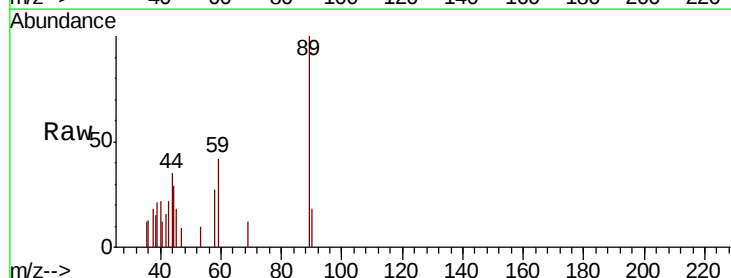
Acq: 13 Aug 2019 18:24

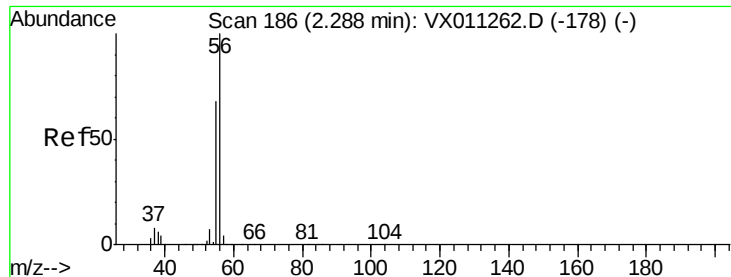
Tgt Ion: 59 Resp: 655

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#





#13

Acrolein

Concen: Below Cal

RT: 2.28 min Scan# 184

Delta R.T. -0.01 min

Lab File: VX011544.D

Acq: 13 Aug 2019 18:24

Instrument :

MSVOA_X

ClientSampleId :

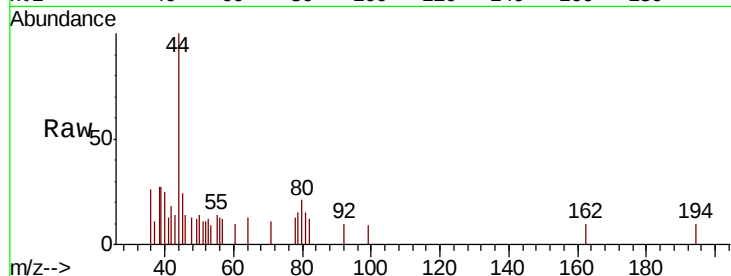
KY038PS036-190812

Tgt Ion: 56 Resp: 54

Ion Ratio Lower Upper

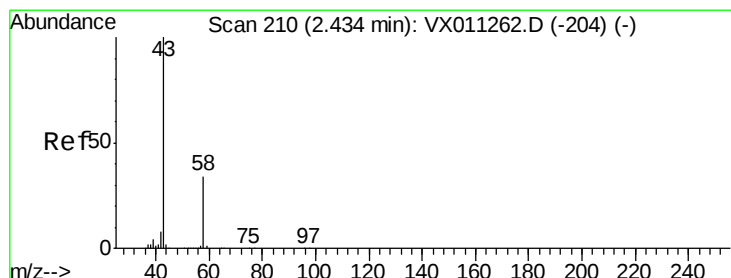
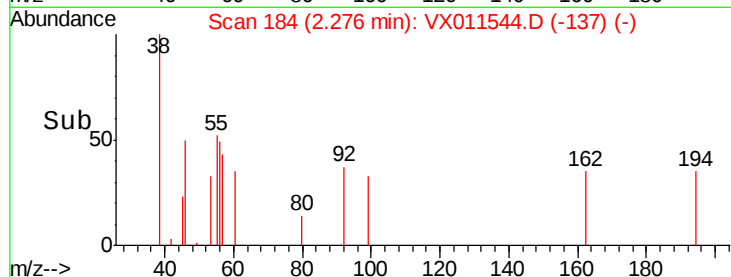
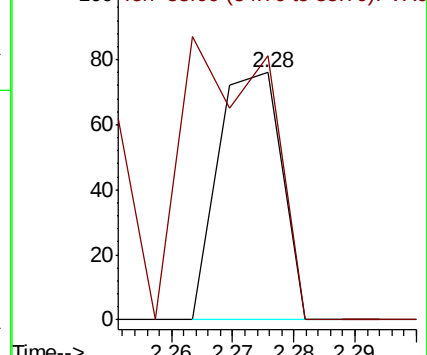
56 100

55 157.4 56.0 84.0#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#16

Acetone

Concen: 2.073 ug/l

RT: 2.44 min Scan# 211

Delta R.T. 0.01 min

Lab File: VX011544.D

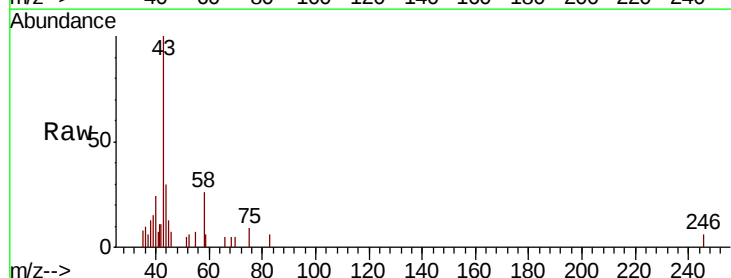
Acq: 13 Aug 2019 18:24

Tgt Ion: 43 Resp: 1942

Ion Ratio Lower Upper

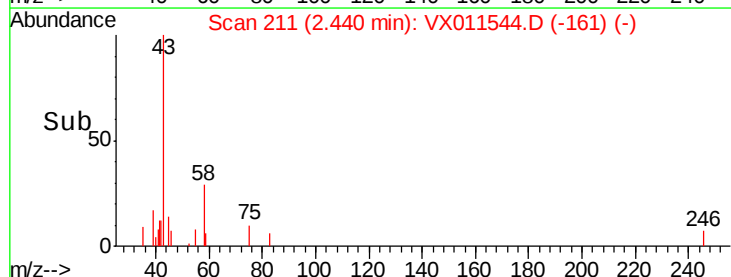
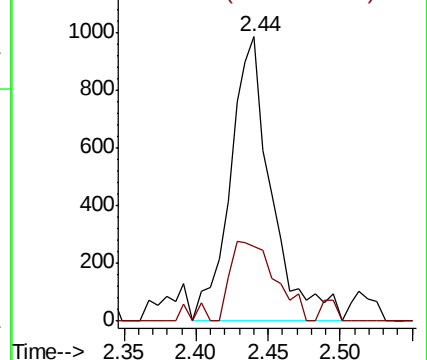
43 100

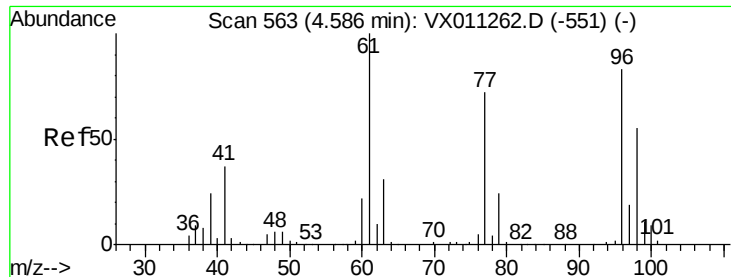
58 25.9 27.4 41.0#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



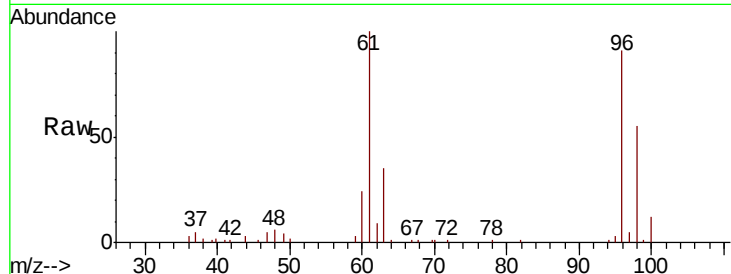


#27

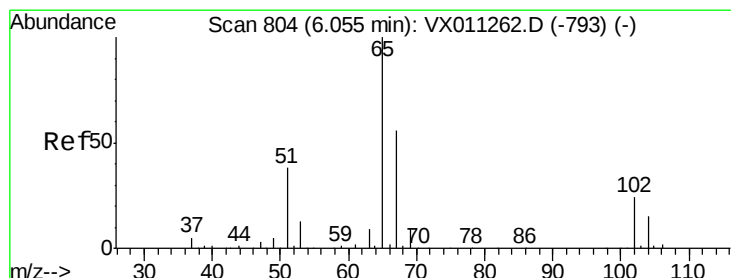
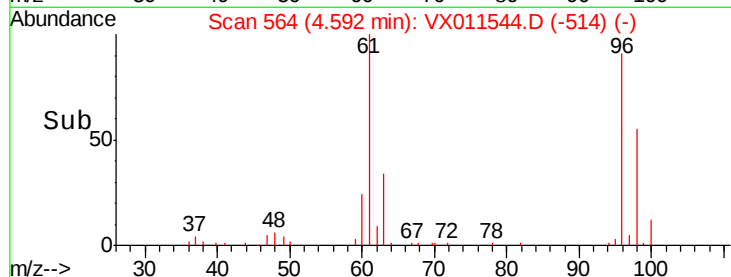
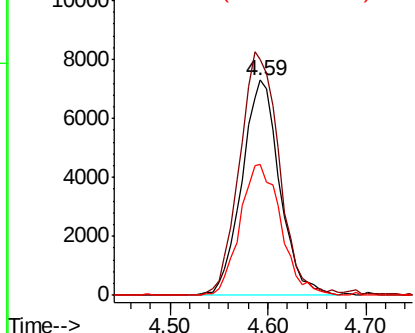
cis-1,2-Dichloroethene
 Concen: 9.055 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. 0.01 min
 Lab File: VX011544.D
 Acq: 13 Aug 2019 18:24

Instrument :
 MSVOA_X
 ClientSampleId :
 KY038PS036-190812

Tgt Ion: 96 Resp: 19621
 Ion Ratio Lower Upper
 96 100
 61 118.5 0.0 260.2
 98 65.8 0.0 133.2



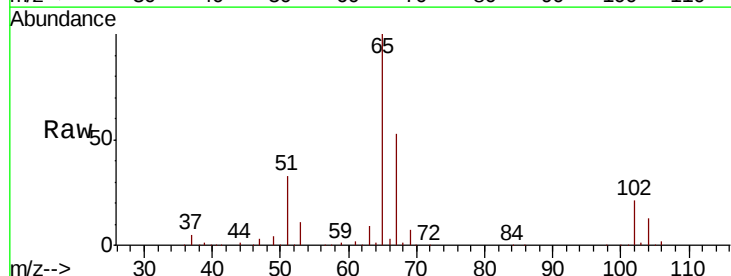
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



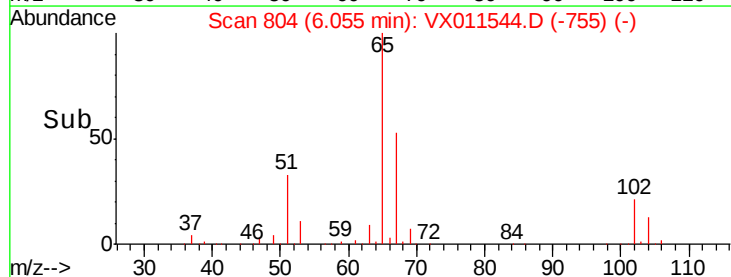
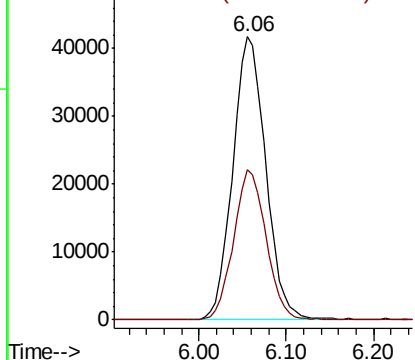
#33

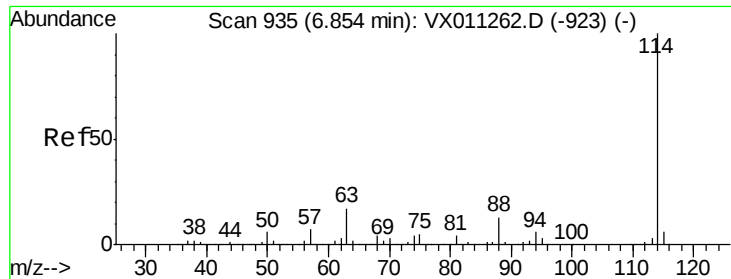
1,2-Dichloroethane-d4
 Concen: 55.659 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX011544.D
 Acq: 13 Aug 2019 18:24

Tgt Ion: 65 Resp: 109556
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VX0
 Ion 66.90 (66.60 to 67.60): VX0

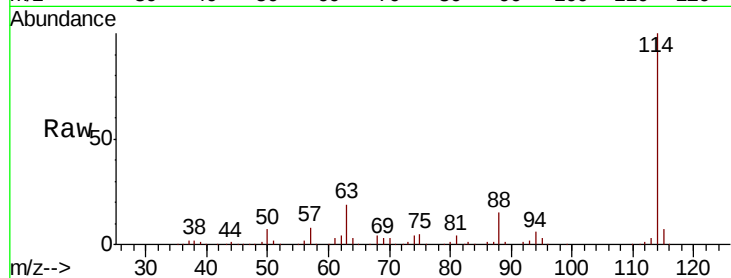




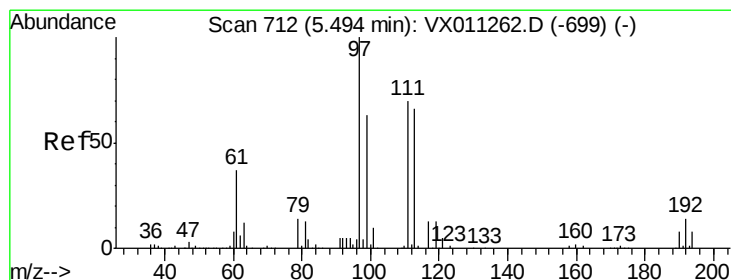
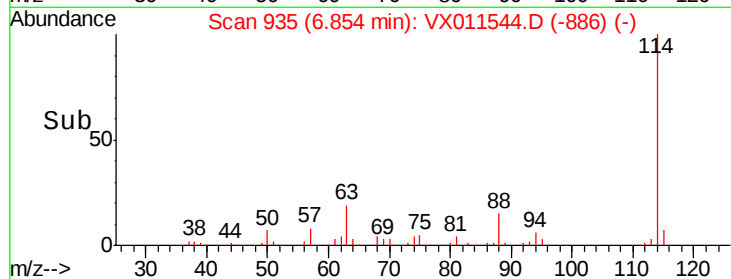
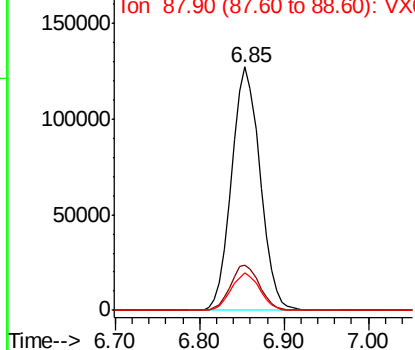
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VX011544.D
 Acq: 13 Aug 2019 18:24

Instrument :
 MSVOA_X
 ClientSampleId :
 KY038PS036-190812

Tgt Ion:114 Resp: 292177
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 34.0
 88 15.4 0.0 26.4

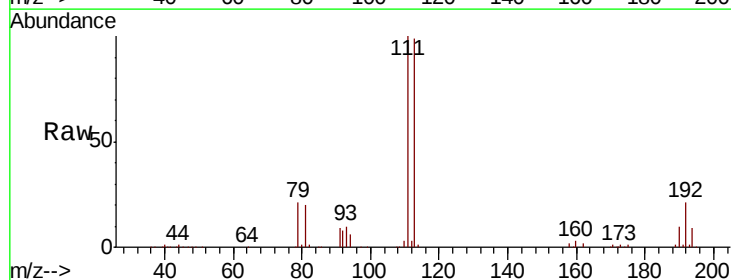


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

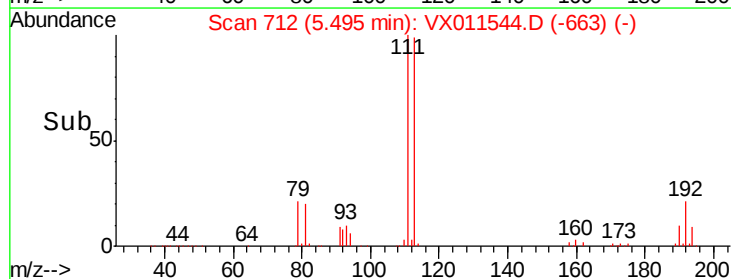
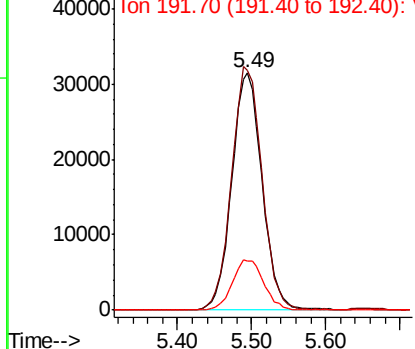


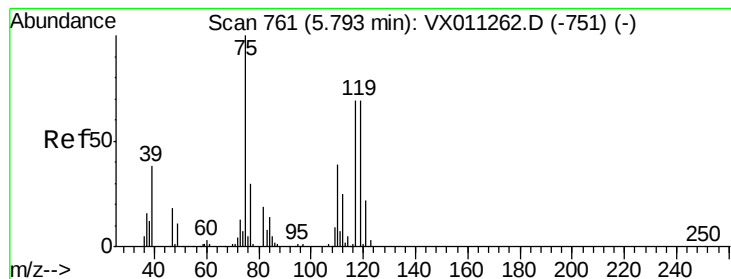
#35
 Dibromofluoromethane
 Concen: 47.073 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: VX011544.D
 Acq: 13 Aug 2019 18:24

Tgt Ion:113 Resp: 89795
 Ion Ratio Lower Upper
 113 100
 111 102.9 81.9 122.9
 192 21.8 17.8 26.8



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: 5.494 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.14 min

Lab File: VX011544.D

Acq: 13 Aug 2019 18:24

Instrument :

MSVOA_X

ClientSampleId :

KY038PS036-190812

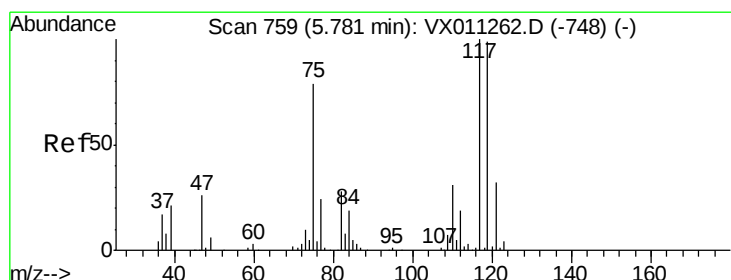
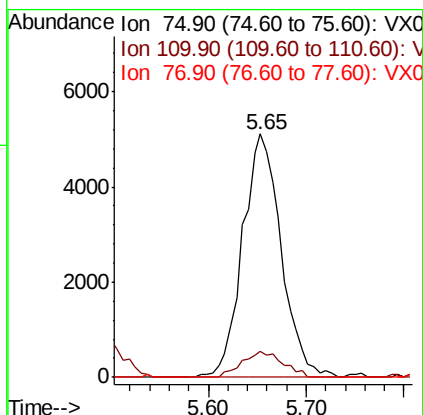
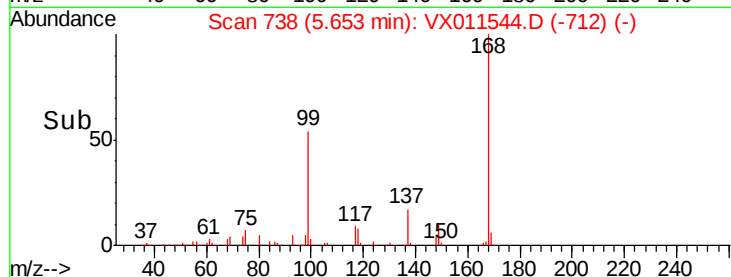
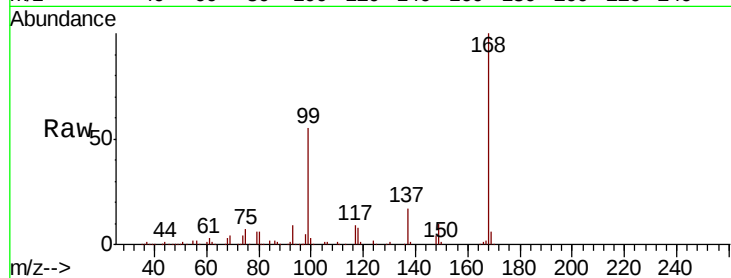
Tgt Ion: 75 Resp: 14015

Ion Ratio Lower Upper

75 100

110 11.3 20.0 59.9#

77 0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 7.369 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.13 min

Lab File: VX011544.D

Acq: 13 Aug 2019 18:24

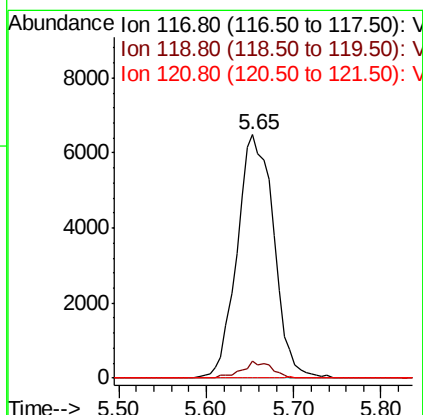
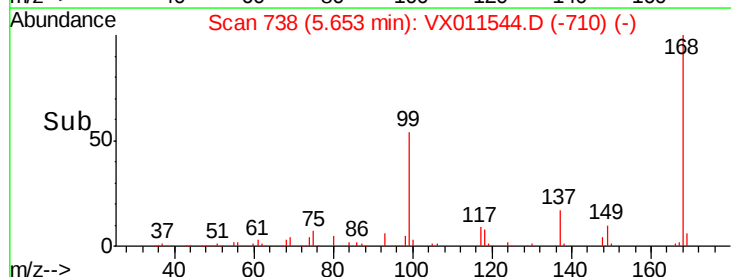
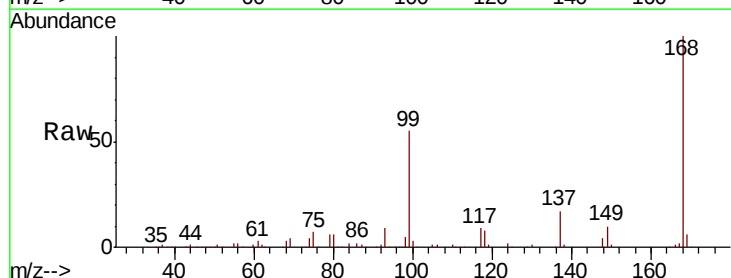
Tgt Ion: 117 Resp: 18913

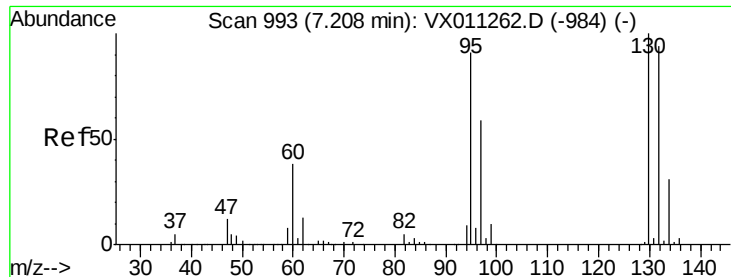
Ion Ratio Lower Upper

117 100

119 6.9 79.0 118.4#

121 0.0 25.9 38.9#





#44

Trichloroethene

Concen: 0.319 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.01 min

Lab File: VX011544.D

Acq: 13 Aug 2019 18:24

Instrument :

MSVOA_X

ClientSampleId :

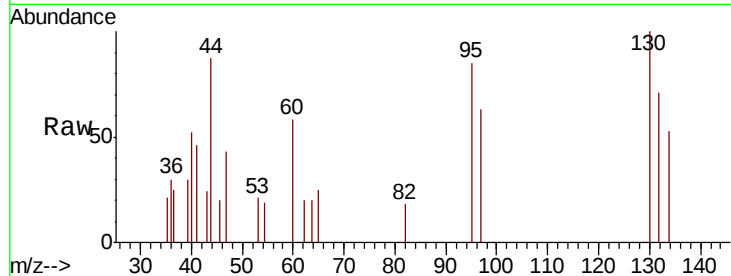
KY038PS036-190812

Tgt Ion:130 Resp: 735

Ion Ratio Lower Upper

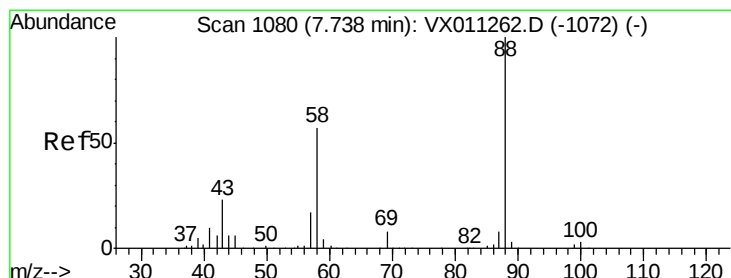
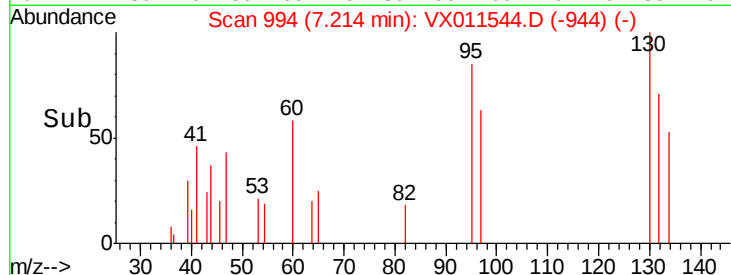
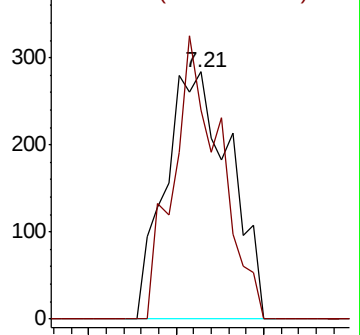
130 100

95 84.5 0.0 182.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#49

1,4-Dioxane

Concen: 0.412 ug/l

RT: 7.74 min Scan# 1081

Delta R.T. 0.01 min

Lab File: VX011544.D

Acq: 13 Aug 2019 18:24

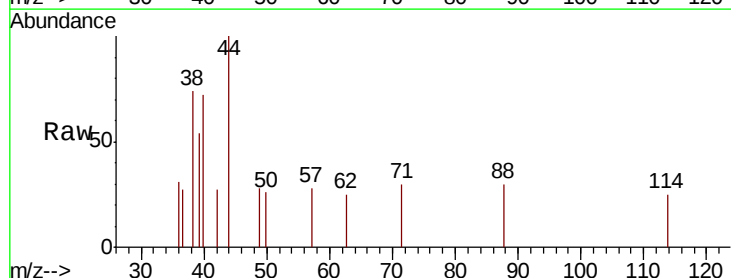
Tgt Ion: 88 Resp: 23

Ion Ratio Lower Upper

88 100

43 0.0 22.2 33.2#

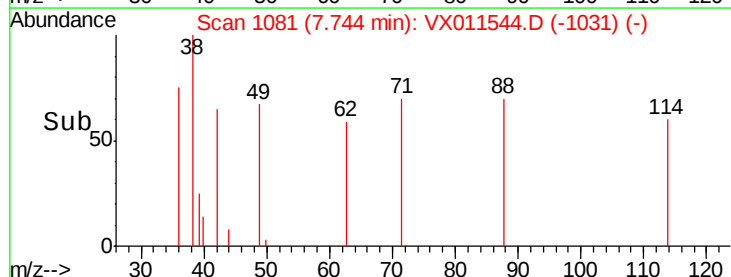
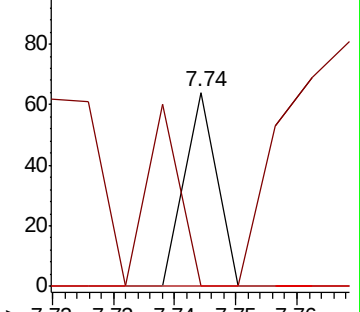
58 0.0 47.8 71.8#

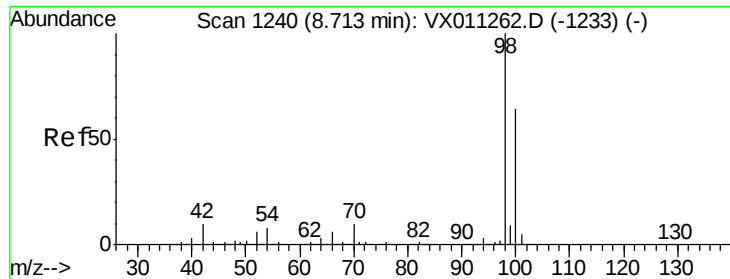


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 47.658 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011544.D

Acq: 13 Aug 2019 18:24

Instrument :

MSVOA_X

ClientSampleId :

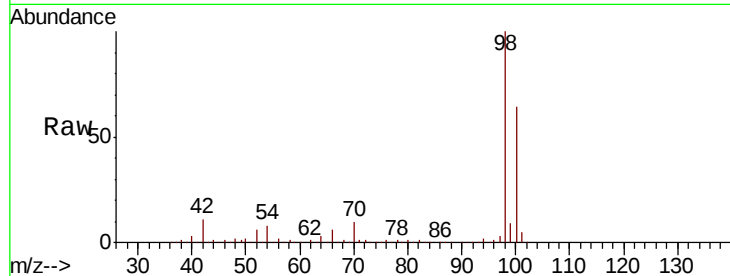
KY038PS036-190812

Tgt Ion: 98 Resp: 343159

Ion Ratio Lower Upper

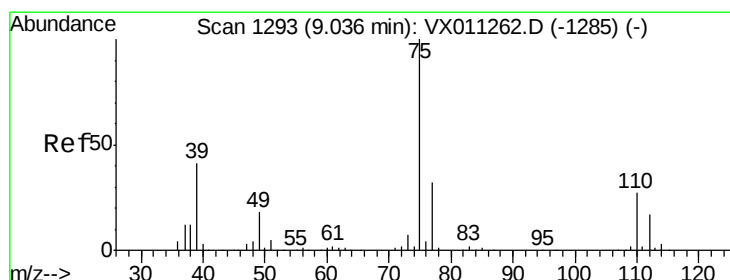
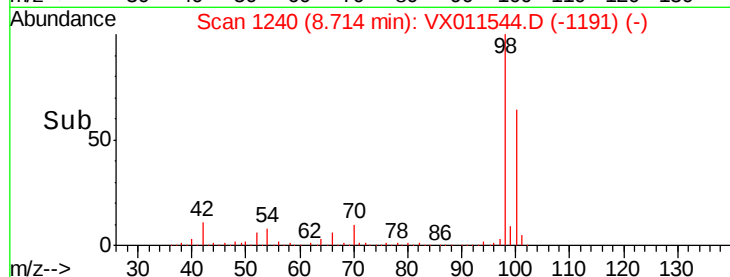
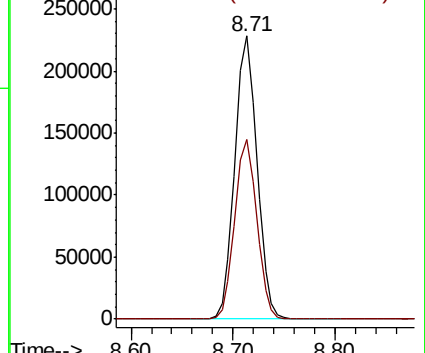
98 100

100 63.5 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#53

t-1,3-Dichloropropene

Concen: 2.847 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.01 min

Lab File: VX011544.D

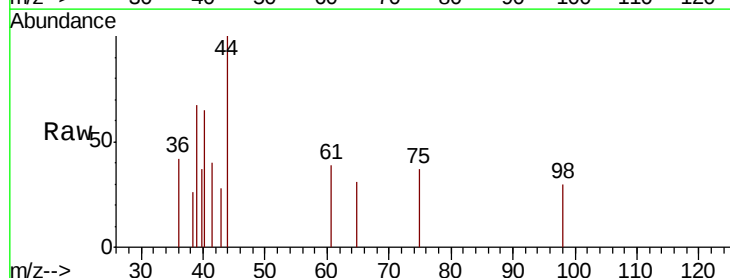
Acq: 13 Aug 2019 18:24

Tgt Ion: 75 Resp: 27

Ion Ratio Lower Upper

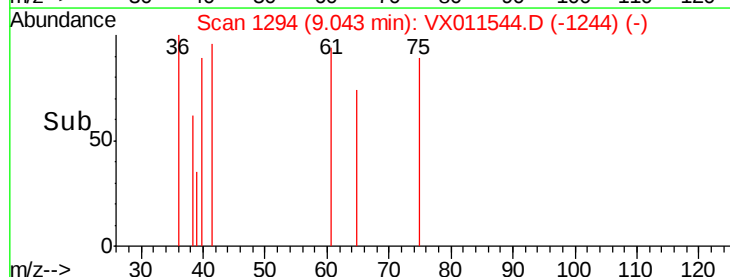
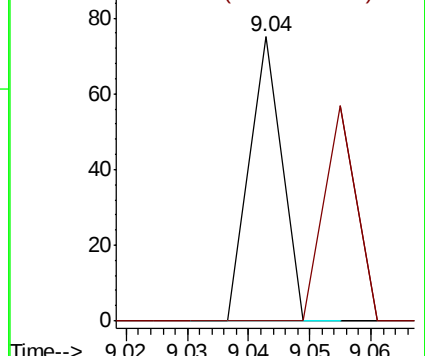
75 100

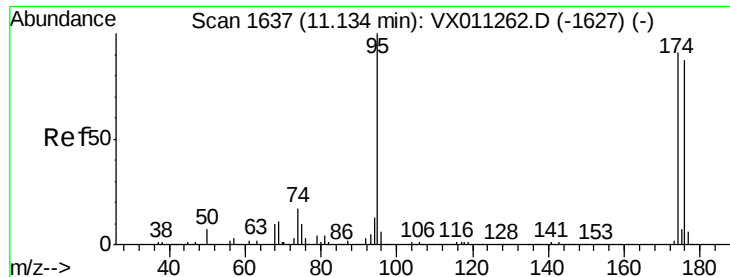
77 0.0 25.4 38.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

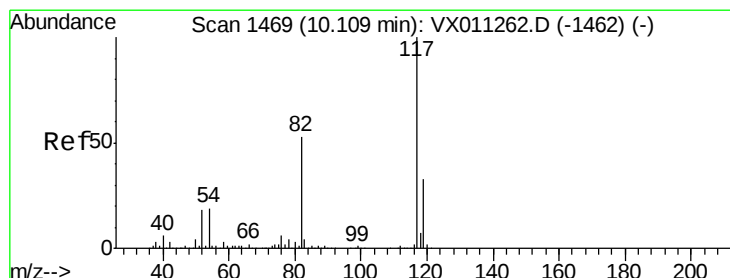
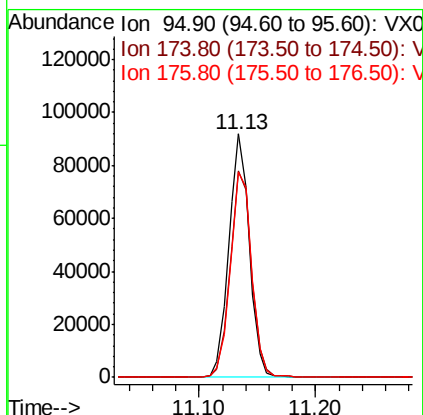
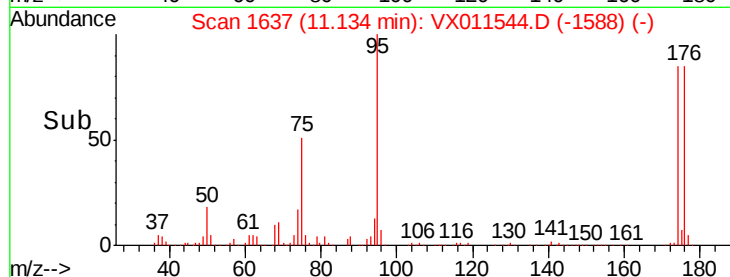
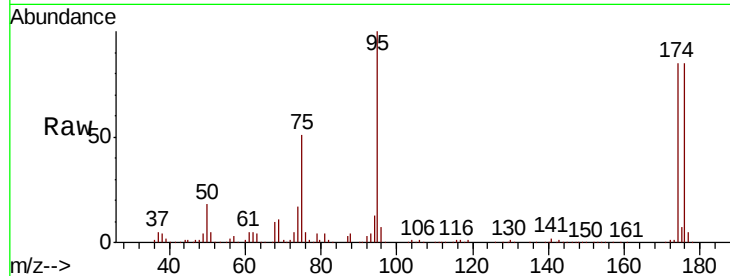




#62
4-Bromofluorobenzene
Concen: 43.713 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011544.D
Acq: 13 Aug 2019 18:24

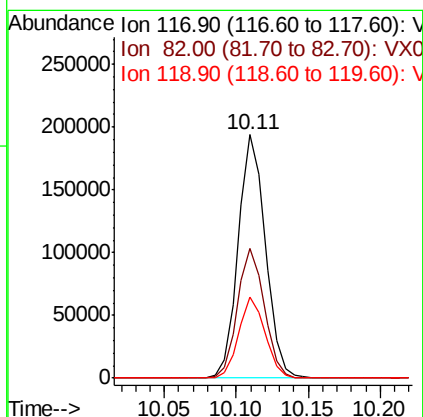
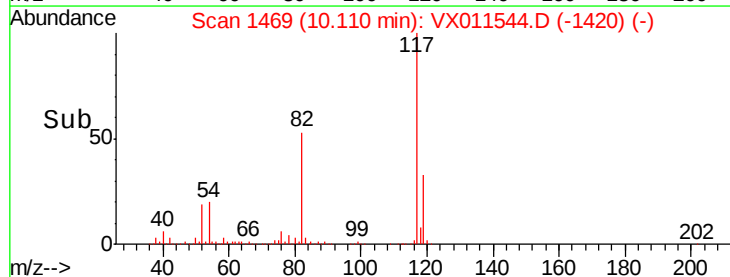
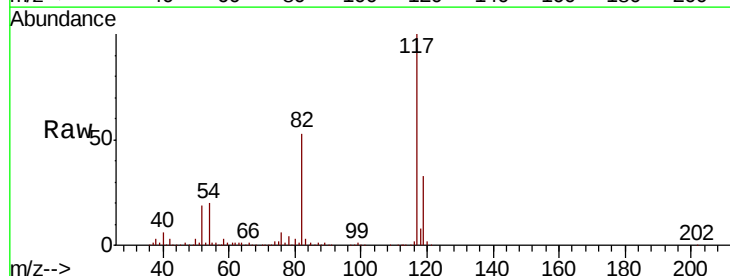
Instrument :
MSVOA_X
ClientSampleId :
KY038PS036-190812

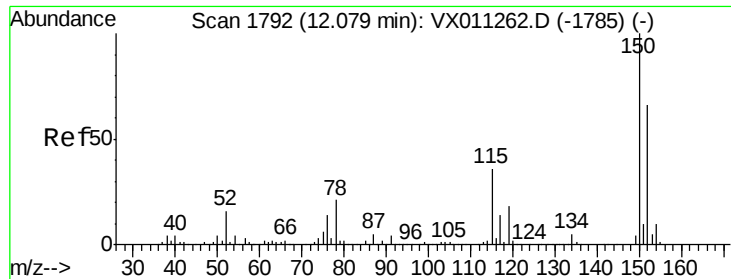
Tgt Ion: 95 Resp: 112376
Ion Ratio Lower Upper
95 100
174 88.4 0.0 191.2
176 88.1 0.0 184.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011544.D
Acq: 13 Aug 2019 18:24

Tgt Ion: 117 Resp: 255853
Ion Ratio Lower Upper
117 100
82 53.3 42.2 63.2
119 33.2 26.6 39.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX011544.D

Acq: 13 Aug 2019 18:24

Instrument :

MSVOA_X

ClientSampleId :

KY038PS036-190812

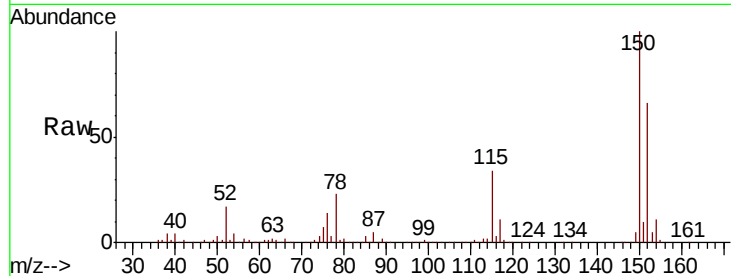
Tgt Ion: 152 Resp: 114805

Ion Ratio Lower Upper

152 100

115 55.6 40.0 119.9

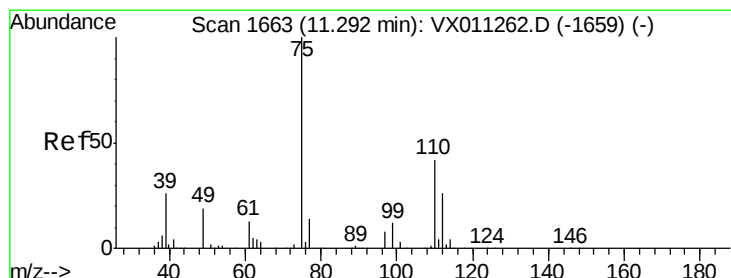
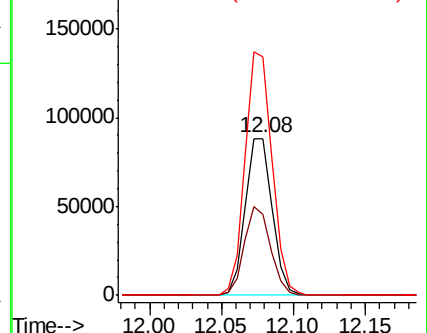
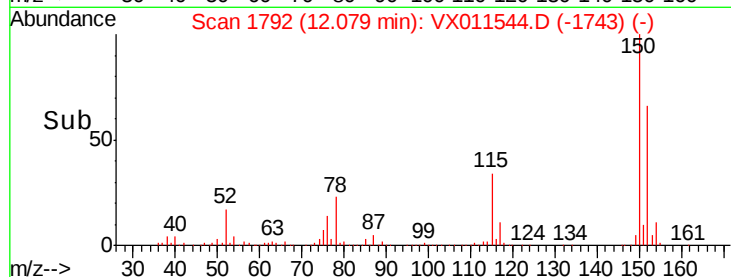
150 155.5 0.0 350.4



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: 27.972 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX011544.D

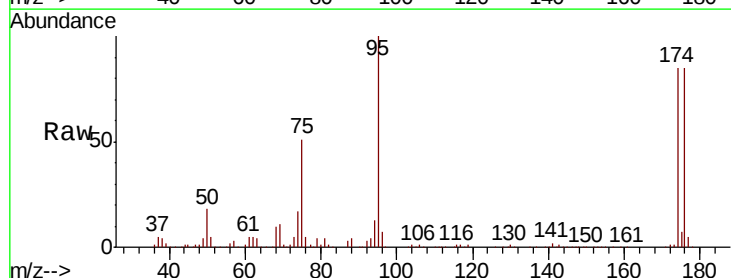
Acq: 13 Aug 2019 18:24

Tgt Ion: 75 Resp: 58483

Ion Ratio Lower Upper

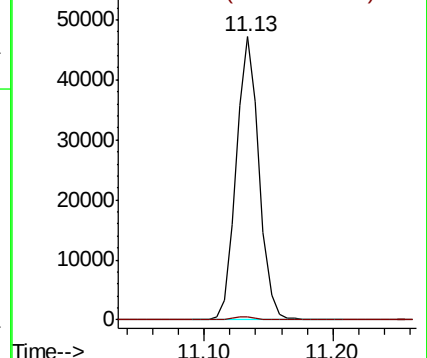
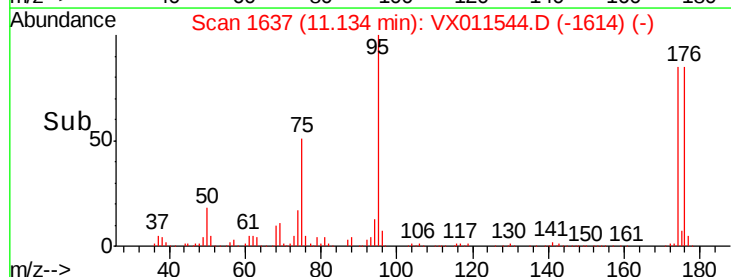
75 100

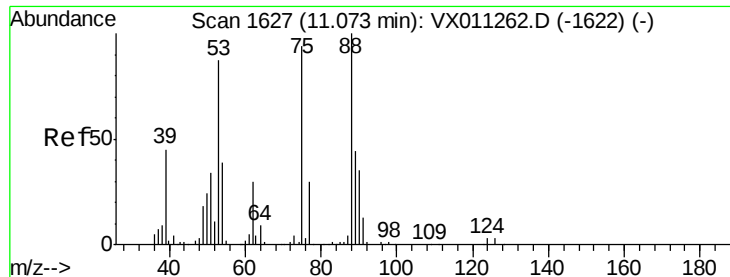
77 1.2 21.1 63.4#



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: 72.458 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX011544.D

Acq: 13 Aug 2019 18:24

Instrument :

MSVOA_X

ClientSampleId :

KY038PS036-190812

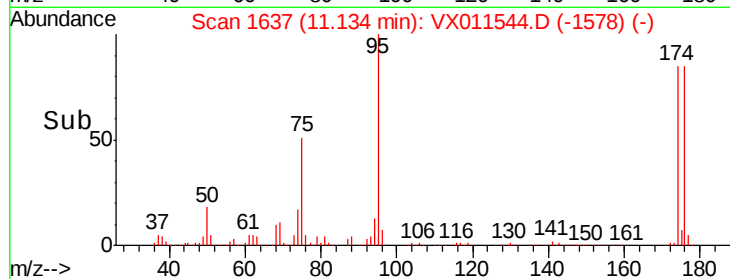
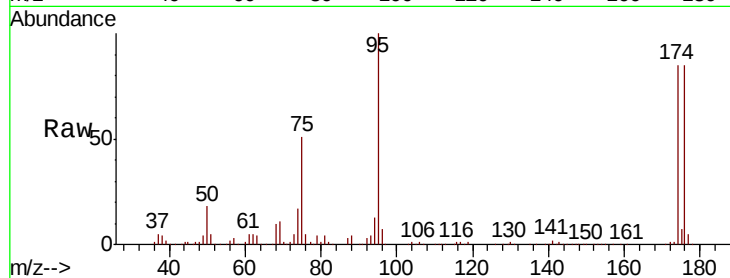
Tgt Ion: 75 Resp: 58483

Ion Ratio Lower Upper

75 100

53 0.1 78.2 117.4#

89 0.0 37.9 56.9#



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

