

Data File : VX013926.D
Acq On : 11 Dec 2019 03:27
Operator : JC/SP
Sample : K6237-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
KY038PS037-191209

Quant Time: Dec 11 04:57:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	578800	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	886109	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	807702	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	375536	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	324244	48.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.52%	
35) Dibromofluoromethane	5.49	113	269159	49.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.26%	
50) Toluene-d8	8.71	98	1047859	49.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.20%	
62) 4-Bromofluorobenzene	11.13	95	362267	47.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.14%	

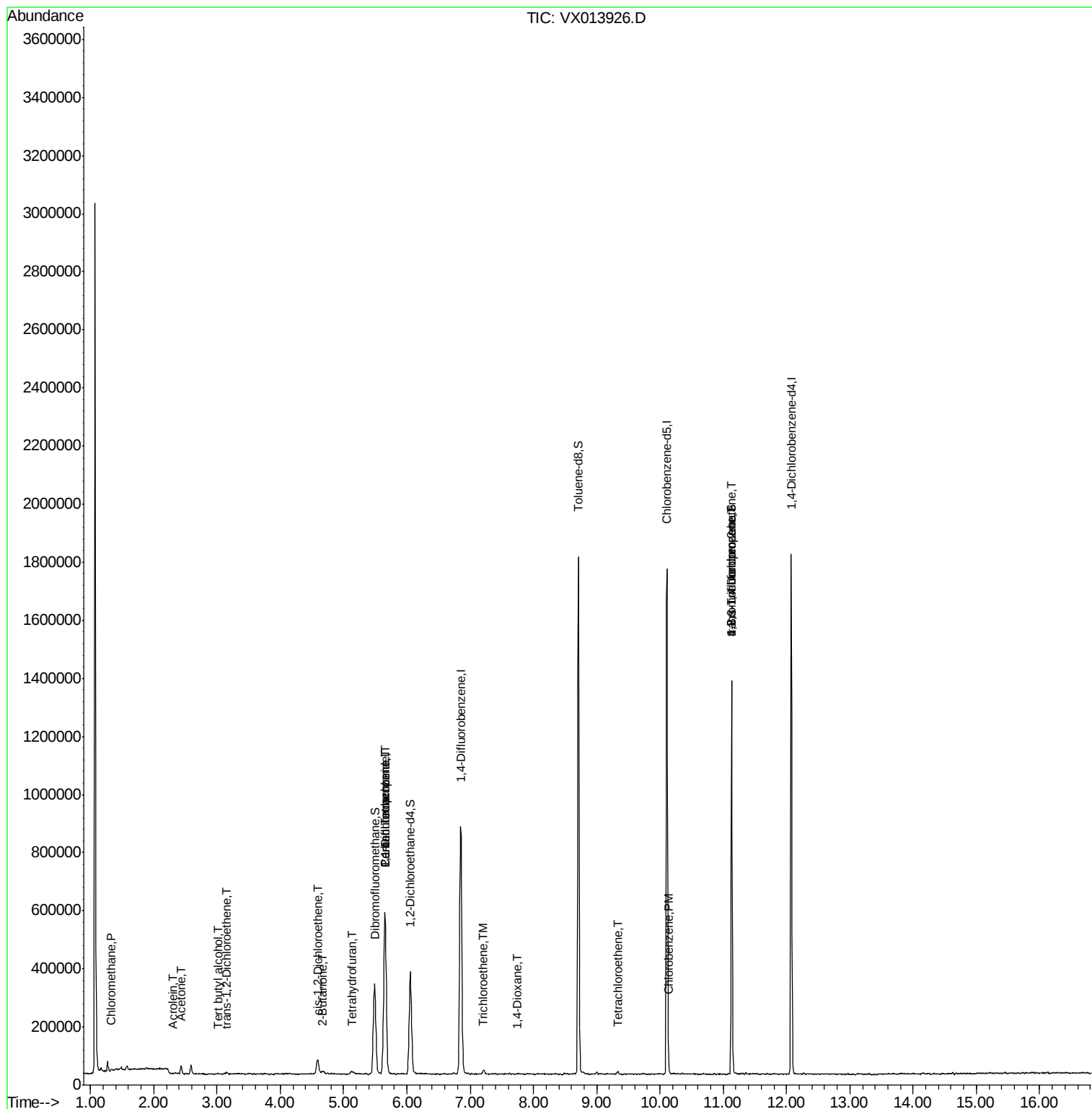
Target Compounds				Qvalue		
3) Chloromethane	1.32	50	3246	0.449	ug/l #	80
11) Tert butyl alcohol	3.01	59	3096	1.867	ug/l #	74
13) Acrolein	2.29	56	180	6.162	ug/l #	74
16) Acetone	2.43	43	30953	9.332	ug/l	100
21) trans-1,2-Dichloroethene	3.16	96	2149	0.358	ug/l #	70
25) 2-Butanone	4.67	43	14763	2.995	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	32946	4.781	ug/l	88
29) Tetrahydrofuran	5.12	42	11059	3.639	ug/l #	84
36) 1,1-Dichloropropene	5.65	75	38289	4.760	ug/l #	51
38) Carbon Tetrachloride	5.65	117	50019	6.744	ug/l #	15
44) Trichloroethene	7.22	130	7031	1.046	ug/l	81
49) 1,4-Dioxane	7.75	88	192	1.188	ug/l #	1
64) Tetrachloroethene	9.33	164	2200	0.365	ug/l #	77
65) Chlorobenzene	10.14	112	7198	0.429	ug/l #	71
76) 1,2,3-Trichloropropane	11.13	75	178830	21.172	ug/l #	40
81) trans-1,4-Dichloro-2-buten	11.13	75	178830	57.923	ug/l #	11

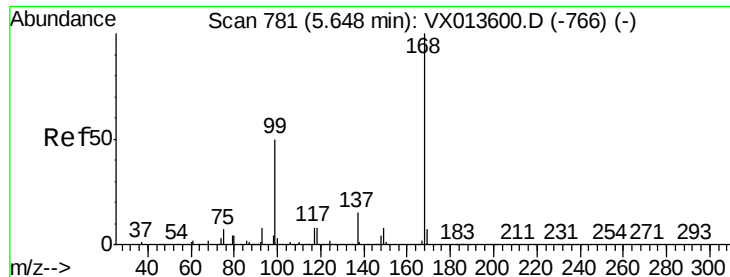
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VX013926.D
Acq On : 11 Dec 2019 03:27
Operator : JC/SP
Sample : K6237-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
KY038PS037-191209

Quant Time: Dec 11 04:57:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX013926.D

Acq: 11 Dec 2019 03:27

Instrument :

MSVOA_X

ClientSampleId :

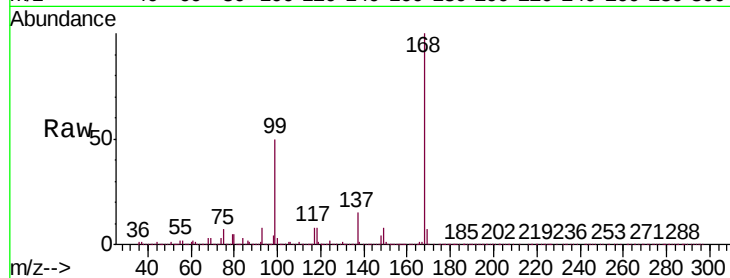
KY038PS037-191209

Tgt Ion:168 Resp: 578800

Ion Ratio Lower Upper

168 100

99 49.7 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

150000

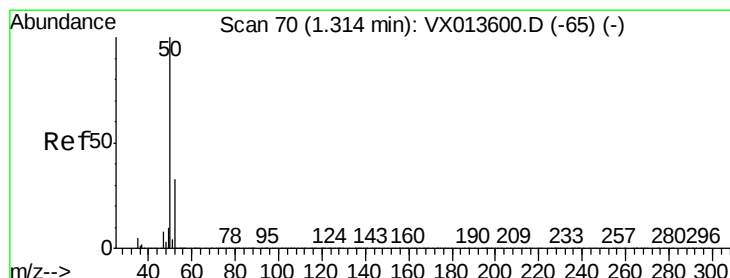
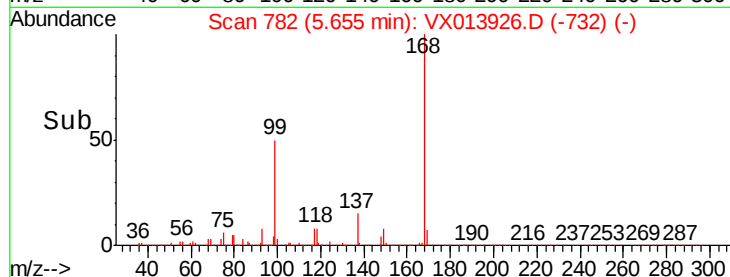
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.449 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013926.D

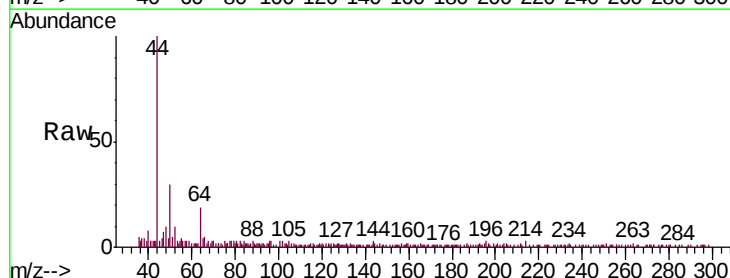
Acq: 11 Dec 2019 03:27

Tgt Ion: 50 Resp: 3246

Ion Ratio Lower Upper

50 100

52 21.1 26.0 39.0#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

3000

2500

2000

1500

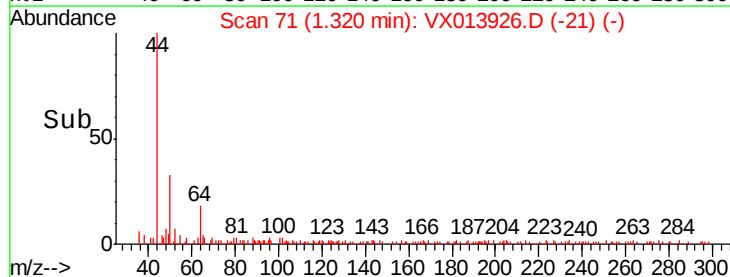
1000

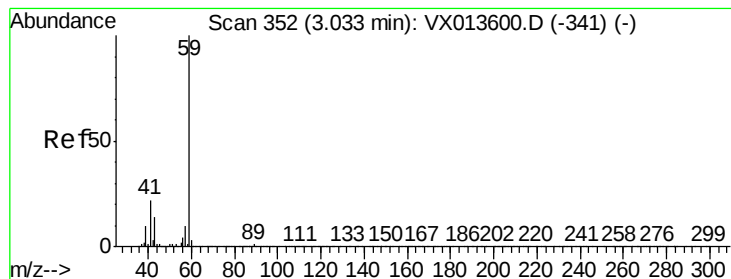
500

0

Time-->

1.30 1.35



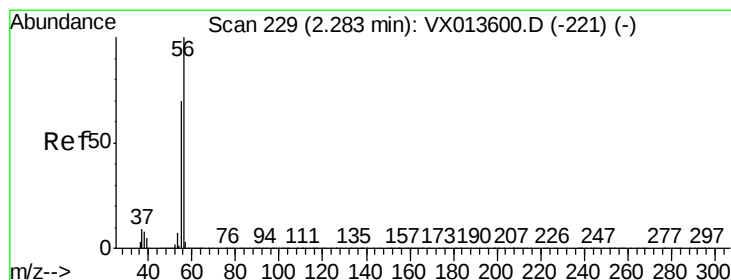
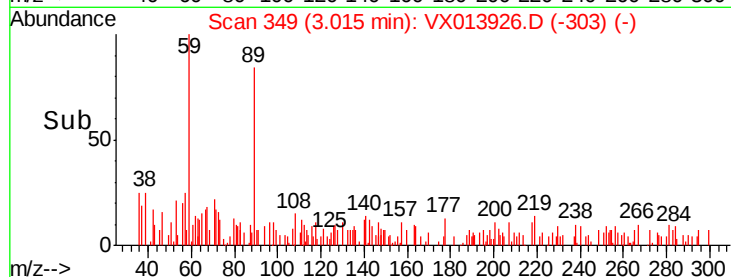
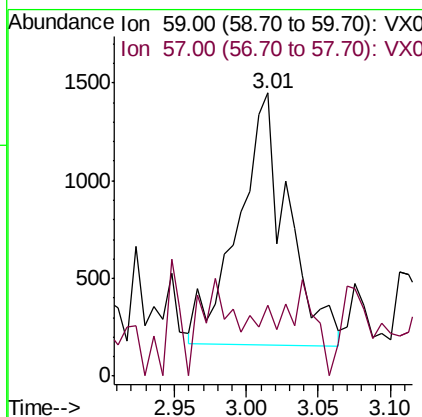
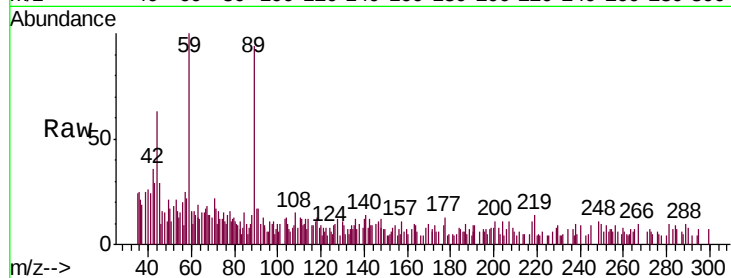


#11

Tert butyl alcohol
Concen: 1.867 ug/l
RT: 3.01 min Scan# 349
Delta R.T. -0.02 min
Lab File: VX013926.D
Acq: 11 Dec 2019 03:27

Instrument :
MSVOA_X
ClientSampleId :
KY038PS037-191209

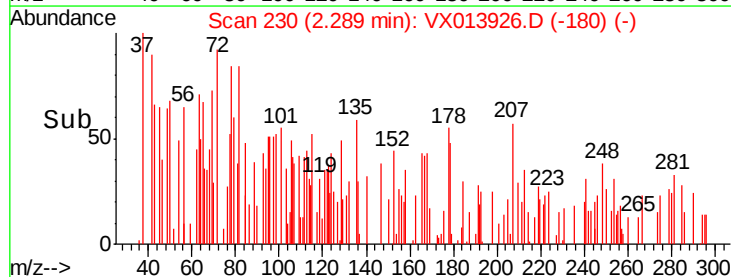
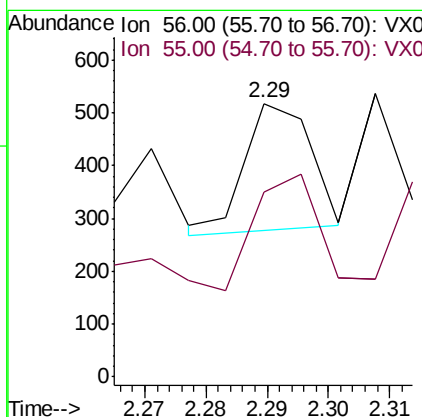
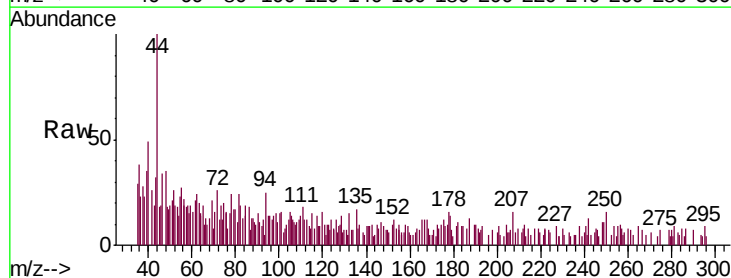
Tgt Ion: 59 Resp: 3096
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

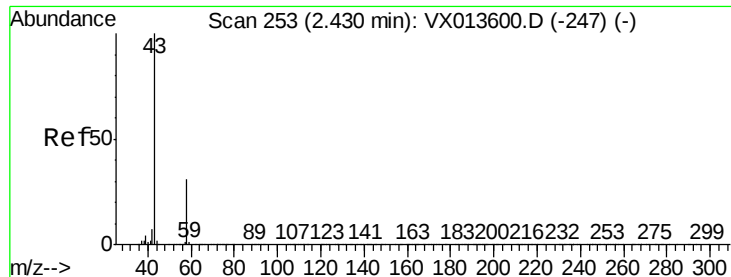


#13

Acrolein
Concen: 6.162 ug/l
RT: 2.29 min Scan# 230
Delta R.T. 0.01 min
Lab File: VX013926.D
Acq: 11 Dec 2019 03:27

Tgt Ion: 56 Resp: 180
Ion Ratio Lower Upper
56 100
55 91.7 56.2 84.4#





#16

Acetone

Concen: 9.332 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX013926.D

Acq: 11 Dec 2019 03:27

Instrument :

MSVOA_X

ClientSampleId :

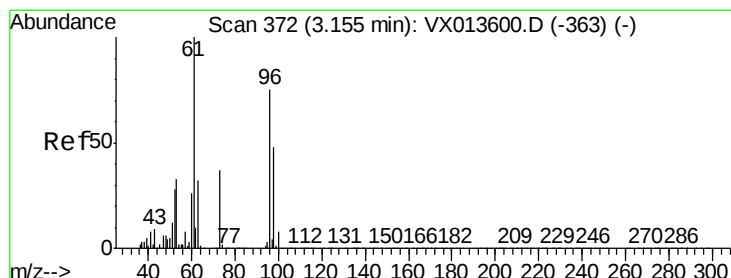
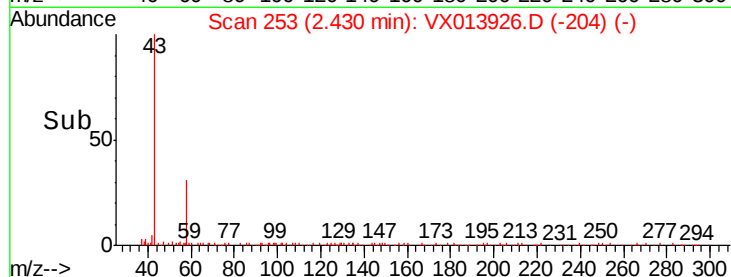
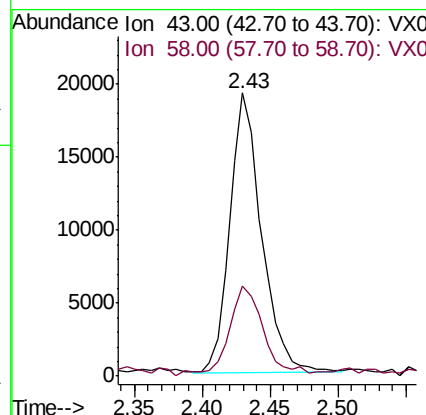
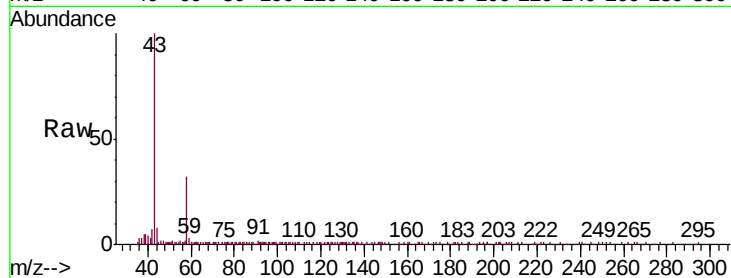
KY038PS037-191209

Tgt Ion: 43 Resp: 30953

Ion Ratio Lower Upper

43 100

58 30.8 24.6 36.8



#21

trans-1,2-Dichloroethene

Concen: 0.358 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.01 min

Lab File: VX013926.D

Acq: 11 Dec 2019 03:27

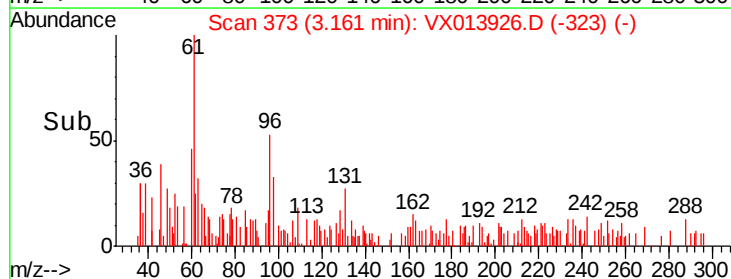
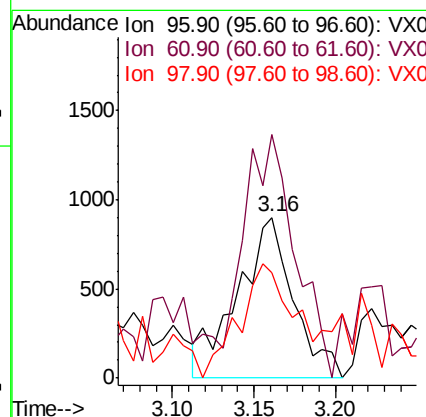
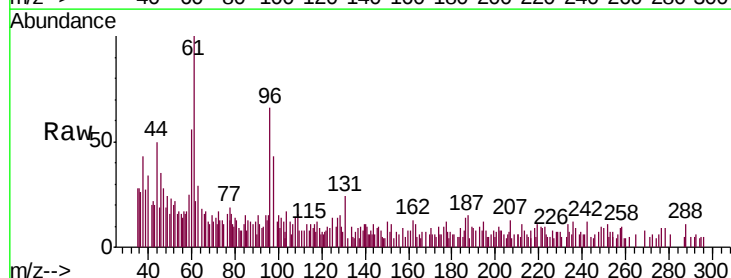
Tgt Ion: 96 Resp: 2149

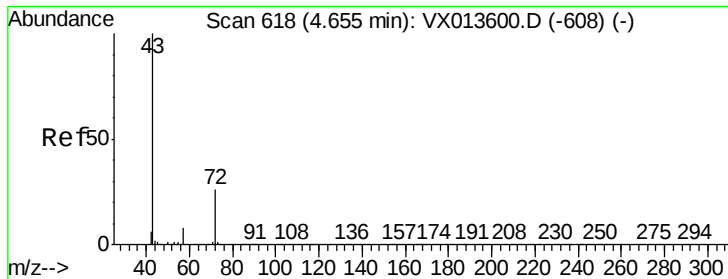
Ion Ratio Lower Upper

96 100

61 104.2 107.2 160.8#

98 31.6 51.4 77.0#





#25

2-Butanone

Concen: 2.995 ug/l

RT: 4.67 min Scan# 620

Delta R.T. 0.01 min

Lab File: VX013926.D

Acq: 11 Dec 2019 03:27

Instrument :

MSVOA_X

ClientSampleId :

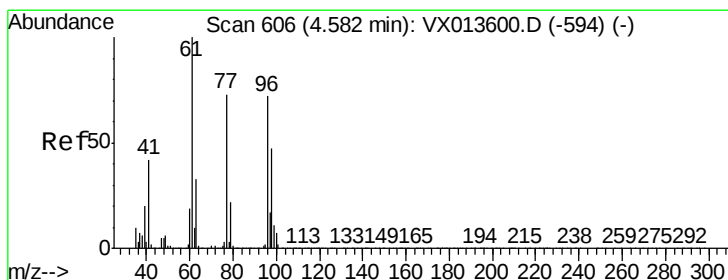
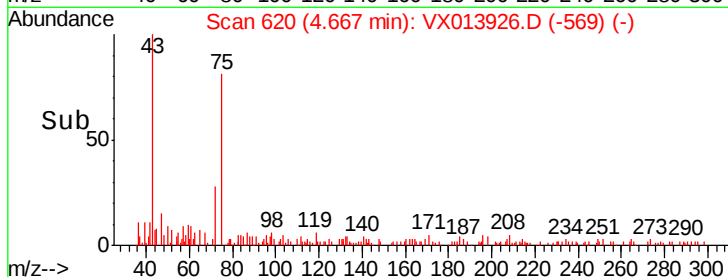
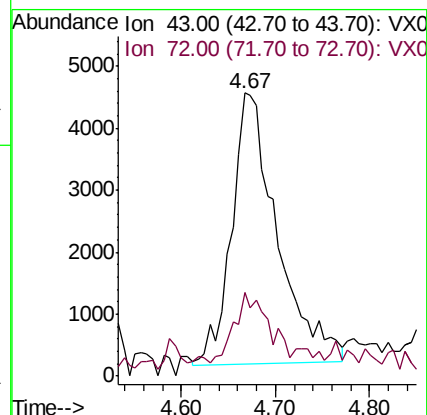
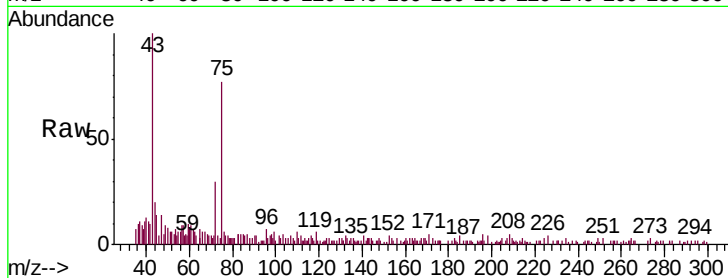
KY038PS037-191209

Tgt Ion: 43 Resp: 14763

Ion Ratio Lower Upper

43 100

72 26.1 20.6 31.0



#27

cis-1,2-Dichloroethene

Concen: 4.781 ug/l

RT: 4.59 min Scan# 607

Delta R.T. 0.01 min

Lab File: VX013926.D

Acq: 11 Dec 2019 03:27

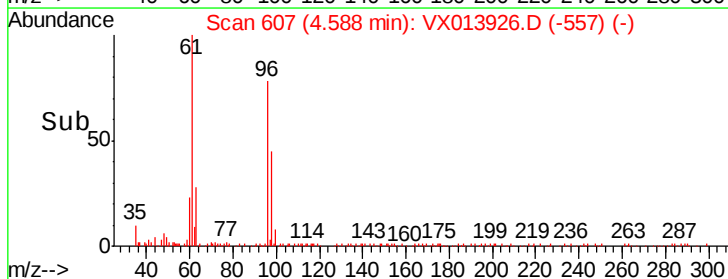
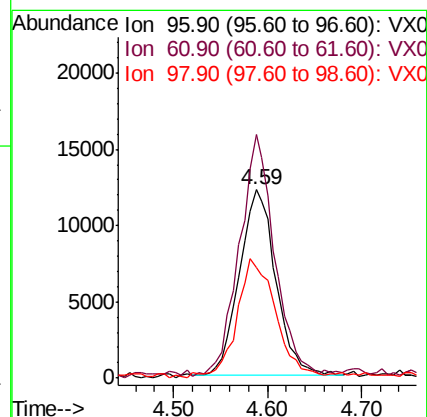
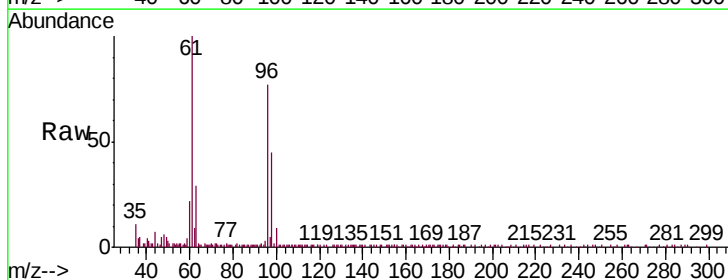
Tgt Ion: 96 Resp: 32946

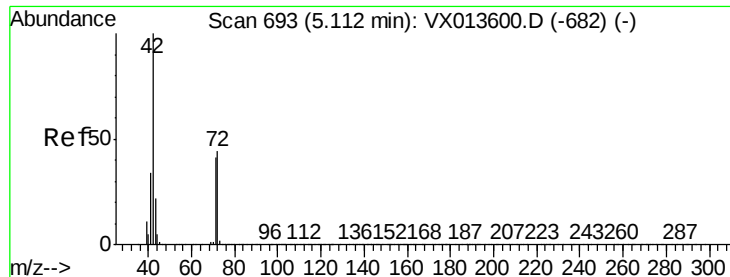
Ion Ratio Lower Upper

96 100

61 125.2 0.0 286.4

98 69.1 0.0 127.4





#29

Tetrahydrofuran

Concen: 3.639 ug/l

RT: 5.12 min Scan# 695

Delta R.T. 0.01 min

Lab File: VX013926.D

Acq: 11 Dec 2019 03:27

Instrument :

MSVOA_X

ClientSampleId :

KY038PS037-191209

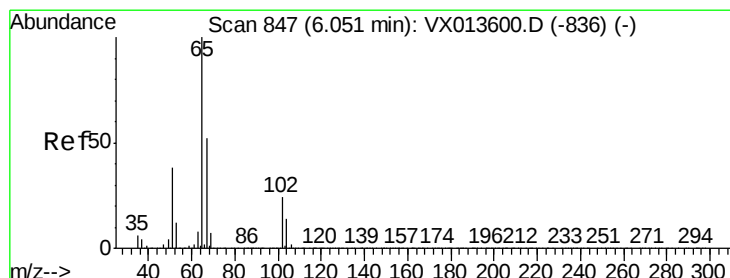
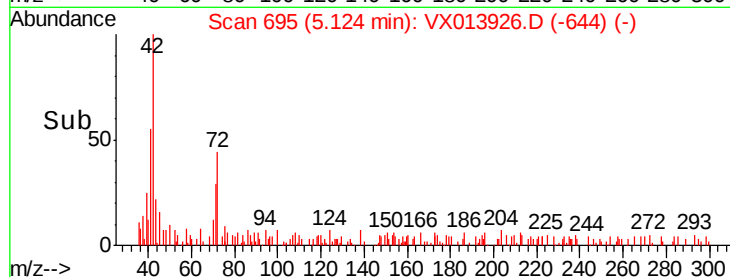
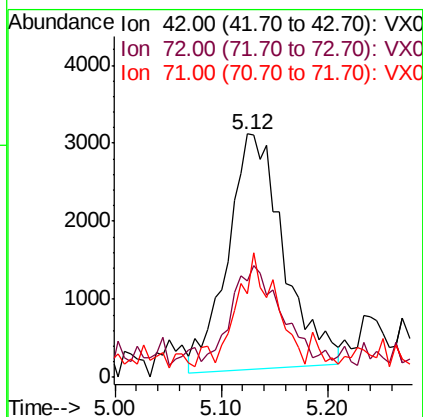
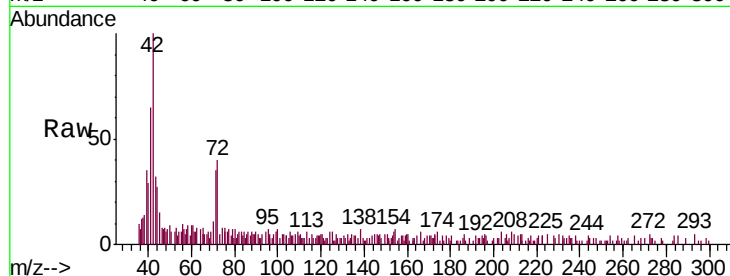
Tgt Ion: 42 Resp: 11059

Ion Ratio Lower Upper

42 100

72 34.9 36.3 54.5#

71 31.3 33.2 49.8#



#33

1,2-Dichloroethane-d4

Concen: 48.261 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX013926.D

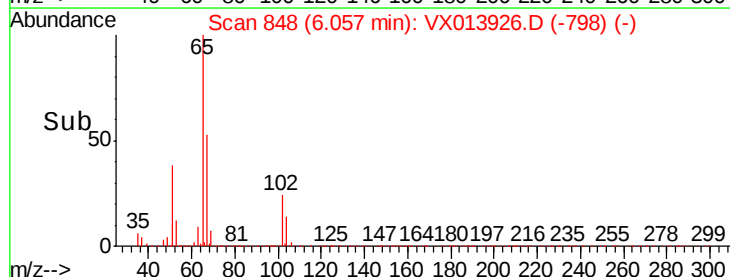
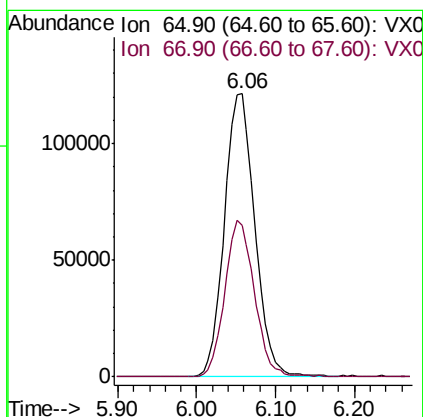
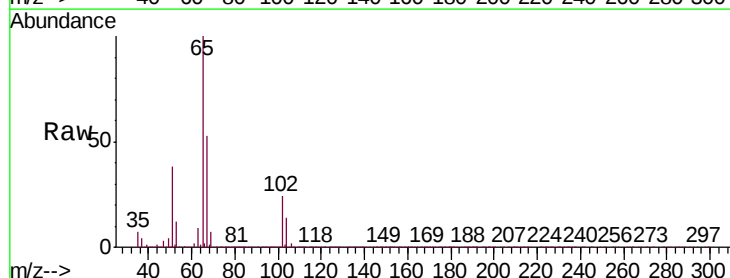
Acq: 11 Dec 2019 03:27

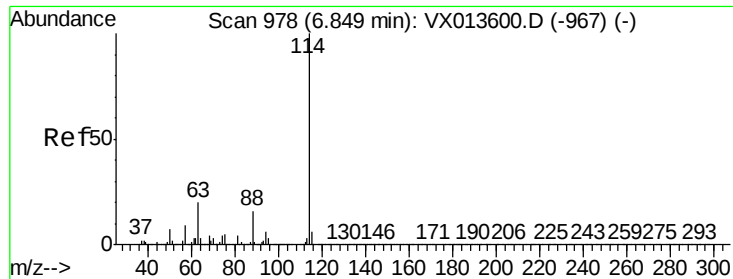
Tgt Ion: 65 Resp: 324244

Ion Ratio Lower Upper

65 100

67 54.3 0.0 104.4

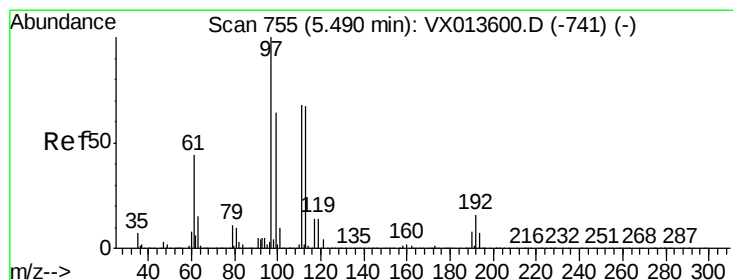
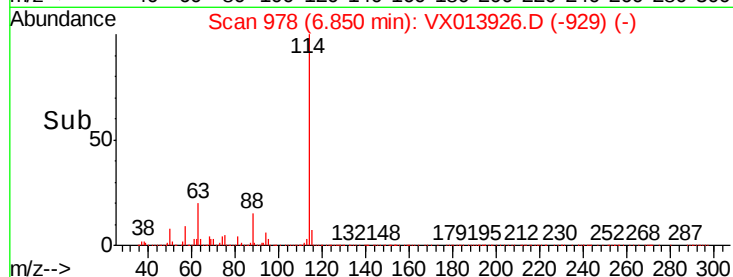
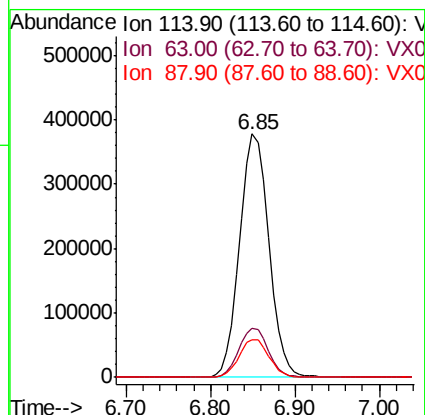
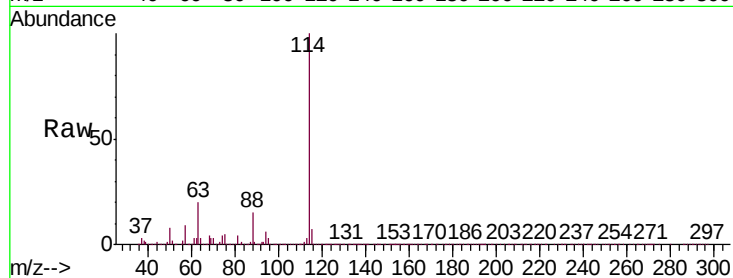




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX013926.D
Acq: 11 Dec 2019 03:27

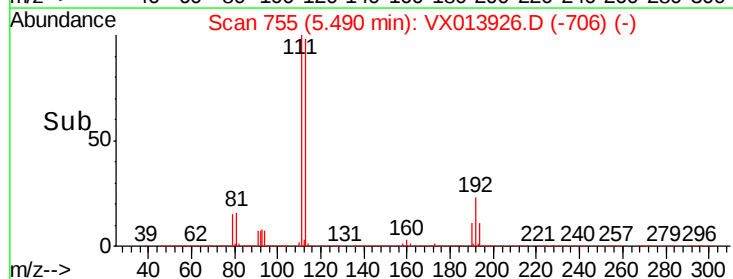
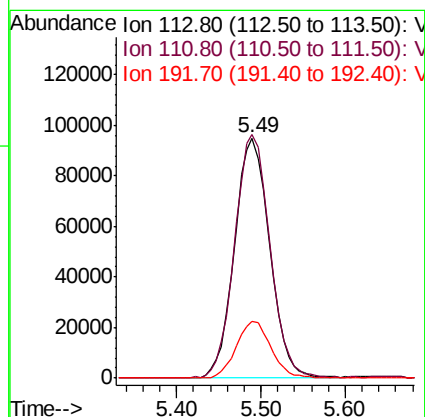
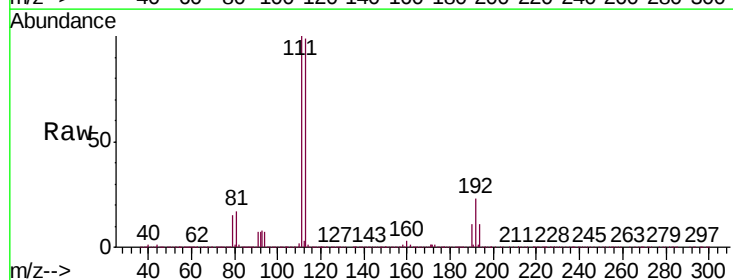
Instrument :
MSVOA_X
ClientSampleId :
KY038PS037-191209

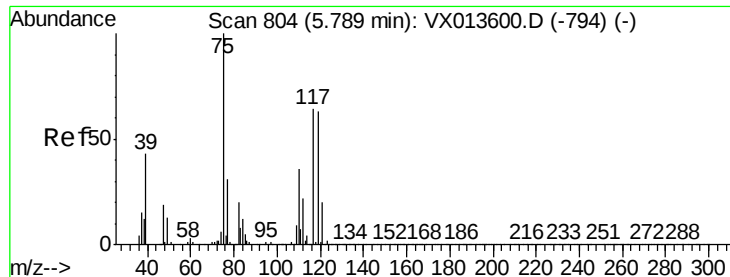
Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	39.6
88	15.4	0.0	31.4



#35
Dibromofluoromethane
Concen: 49.134 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX013926.D
Acq: 11 Dec 2019 03:27

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.6	83.6	125.4
192	23.2	19.2	28.8





#36

1,1-Dichloropropene

Concen: 4.760 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.13 min

Lab File: VX013926.D

Acq: 11 Dec 2019 03:27

Instrument :

MSVOA_X

ClientSampleId :

KY038PS037-191209

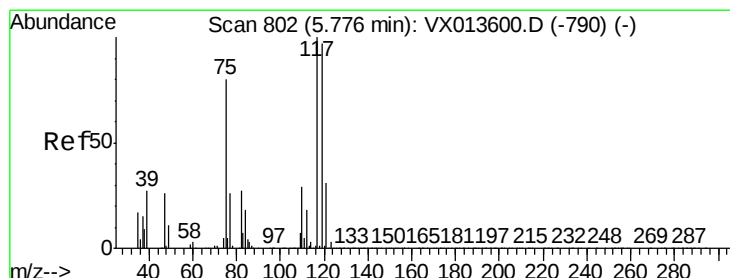
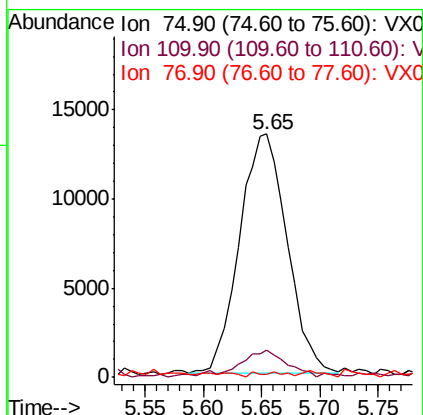
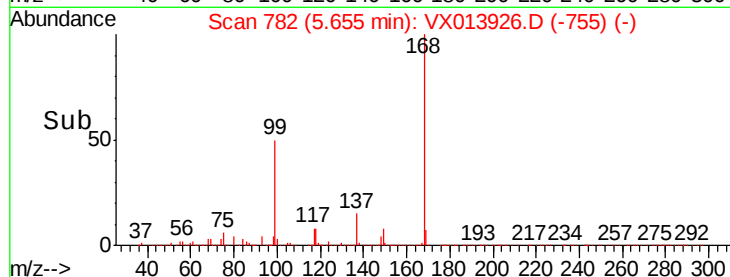
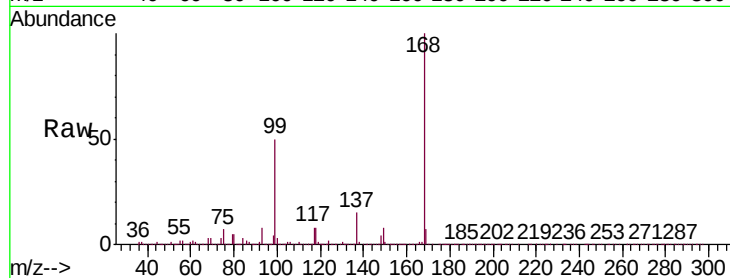
Tgt Ion: 75 Resp: 38289

Ion Ratio Lower Upper

75 100

110 10.3 18.1 54.1#

77 0.6 24.5 36.7#



#38

Carbon Tetrachloride

Concen: 6.744 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.13 min

Lab File: VX013926.D

Acq: 11 Dec 2019 03:27

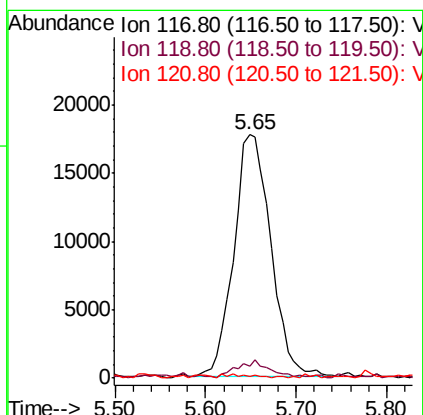
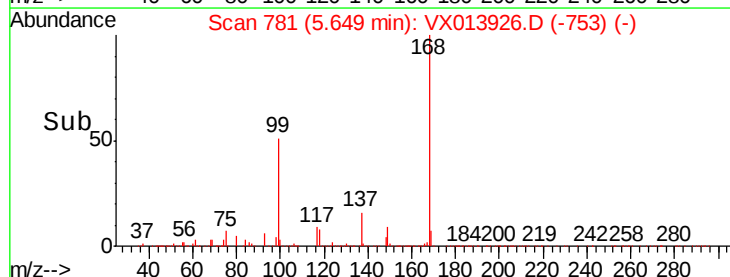
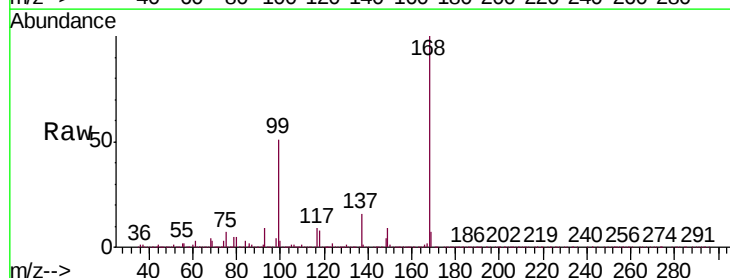
Tgt Ion: 117 Resp: 50019

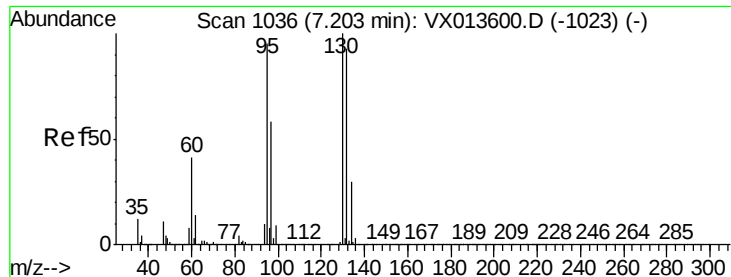
Ion Ratio Lower Upper

117 100

119 3.9 77.5 116.3#

121 0.9 25.0 37.6#





#44

Trichloroethene

Concen: 1.046 ug/l

RT: 7.22 min Scan# 1038

Delta R.T. 0.01 min

Lab File: VX013926.D

Acq: 11 Dec 2019 03:27

Instrument :

MSVOA_X

ClientSampleId :

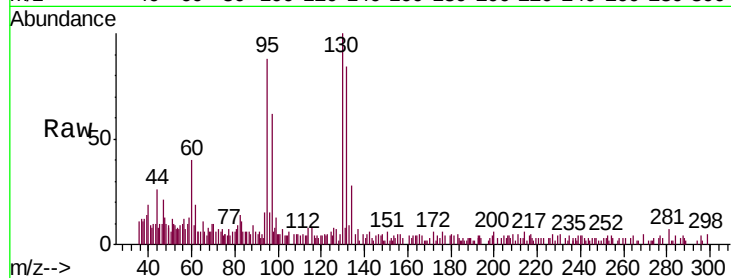
KY038PS037-191209

Tgt Ion:130 Resp: 7031

Ion Ratio Lower Upper

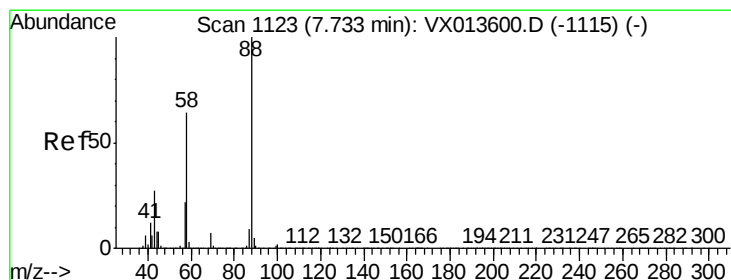
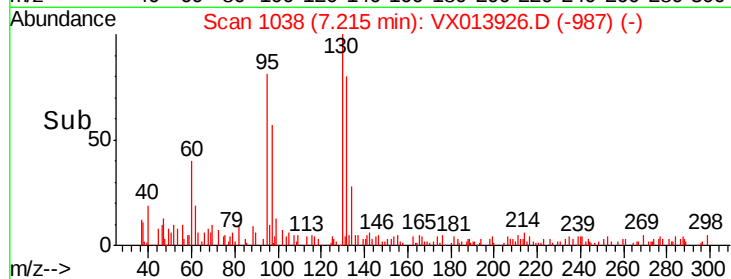
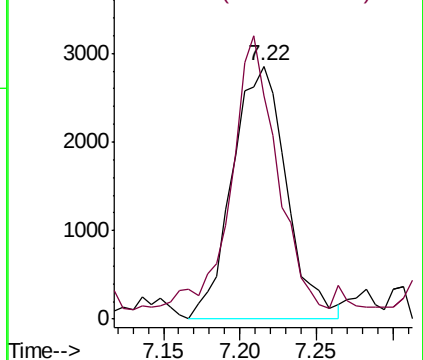
130 100

95 76.5 0.0 190.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#49

1,4-Dioxane

Concen: 1.188 ug/l

RT: 7.75 min Scan# 1125

Delta R.T. 0.01 min

Lab File: VX013926.D

Acq: 11 Dec 2019 03:27

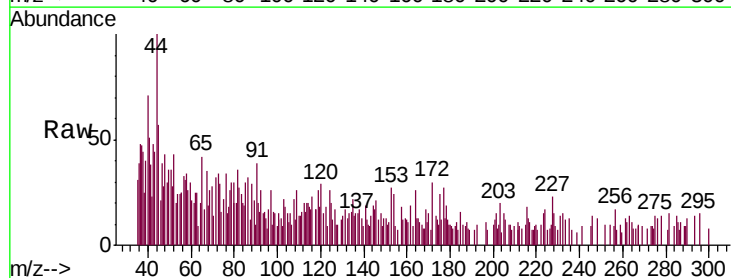
Tgt Ion: 88 Resp: 192

Ion Ratio Lower Upper

88 100

43 0.0 25.8 38.6#

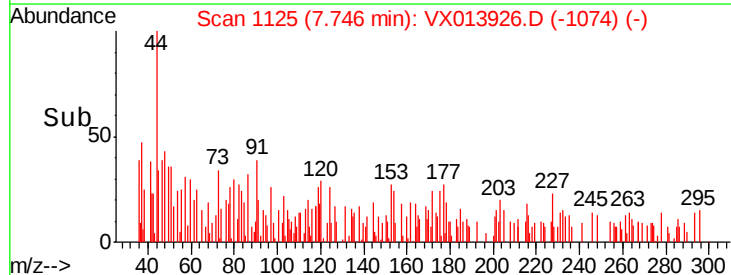
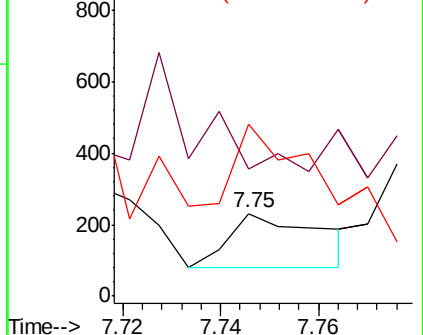
58 230.7 54.6 82.0#

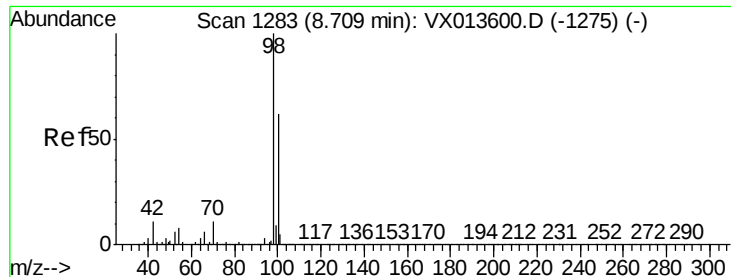


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 49.096 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013926.D

Acq: 11 Dec 2019 03:27

Instrument :

MSVOA_X

ClientSampleId :

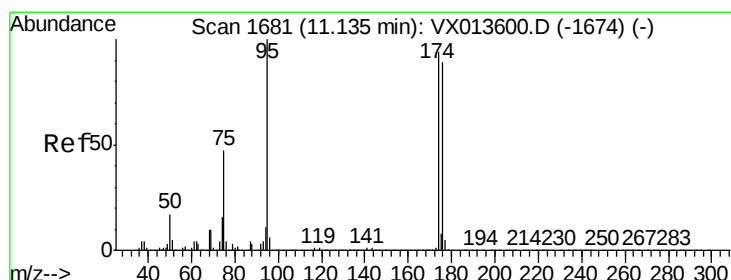
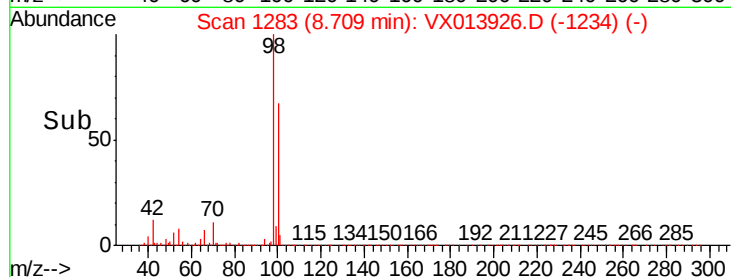
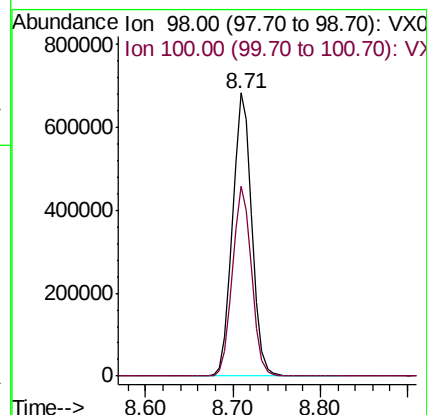
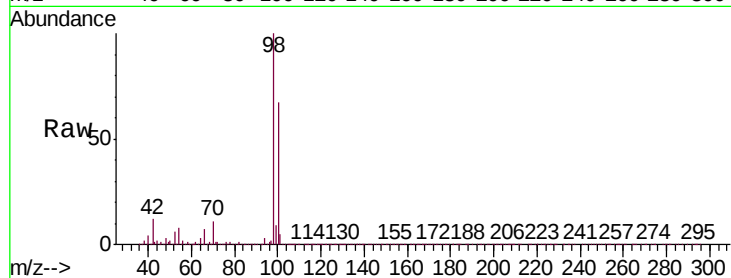
KY038PS037-191209

Tgt Ion: 98 Resp: 1047859

Ion Ratio Lower Upper

98 100

100 66.4 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 47.070 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX013926.D

Acq: 11 Dec 2019 03:27

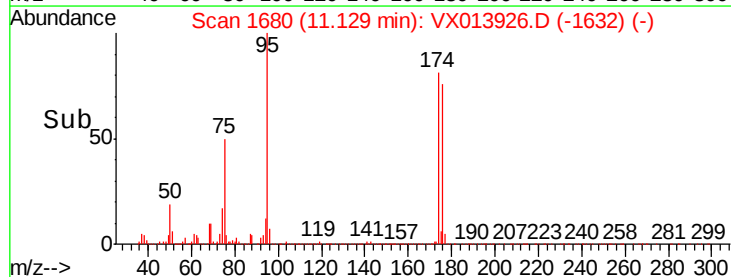
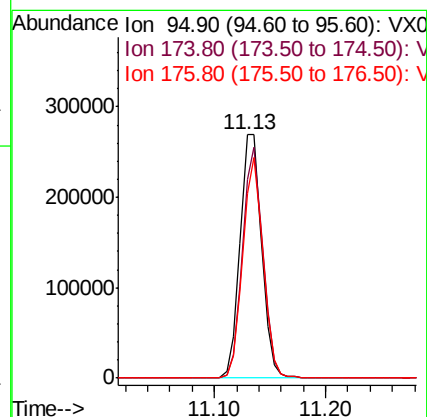
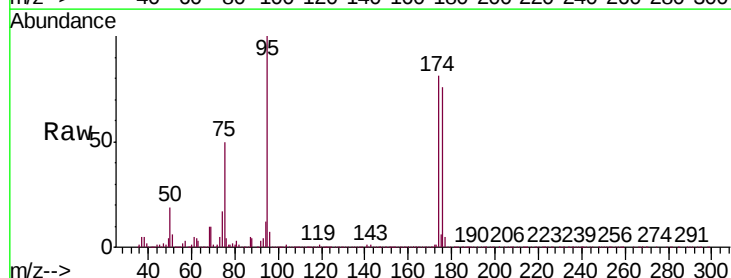
Tgt Ion: 95 Resp: 362267

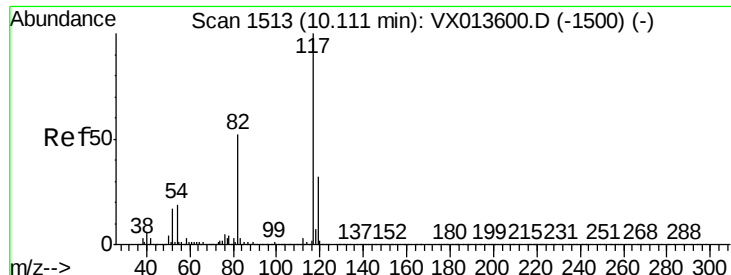
Ion Ratio Lower Upper

95 100

174 90.0 0.0 180.0

176 85.7 0.0 173.6

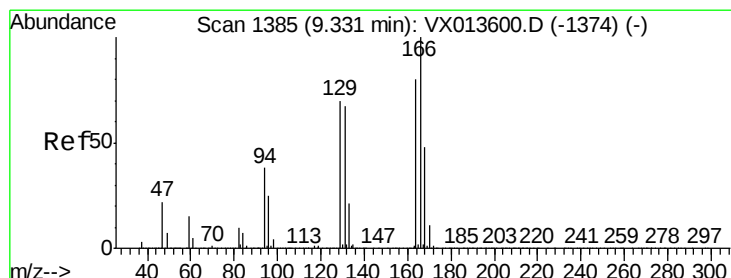
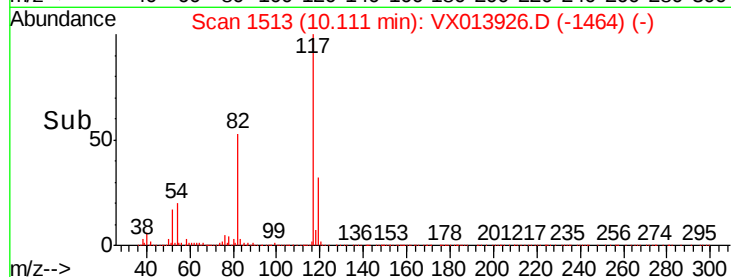
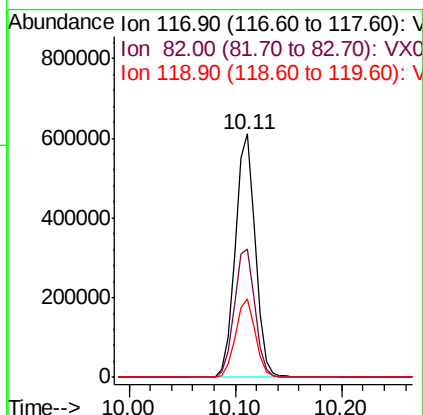
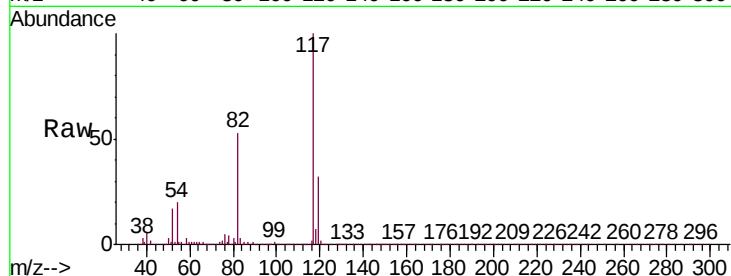




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013926.D
Acq: 11 Dec 2019 03:27

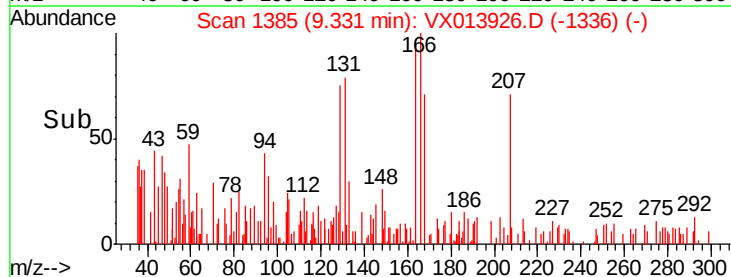
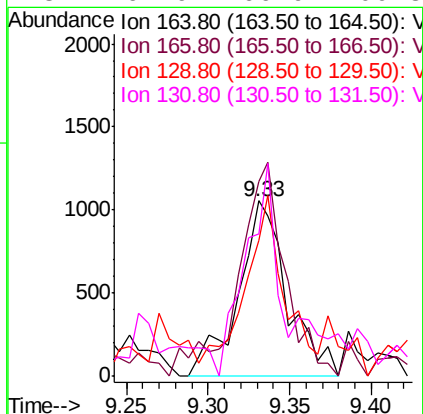
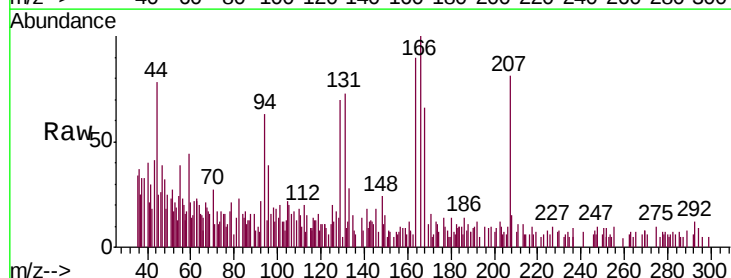
Instrument :
MSVOA_X
ClientSampleId :
KY038PS037-191209

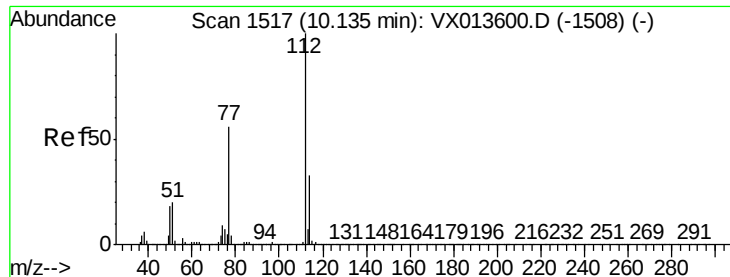
Tgt Ion:117 Resp: 807702
Ion Ratio Lower Upper
117 100
82 52.6 41.8 62.8
119 32.1 25.8 38.8



#64
Tetrachloroethene
Concen: 0.365 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013926.D
Acq: 11 Dec 2019 03:27

Tgt Ion:164 Resp: 2200
Ion Ratio Lower Upper
164 100
166 100.8 99.7 149.5
129 60.7 70.1 105.1#
131 64.9 66.9 100.3#





#65

Chlorobenzene

Concen: 0.429 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX013926.D

Acq: 11 Dec 2019 03:27

Instrument :

MSVOA_X

ClientSampleId :

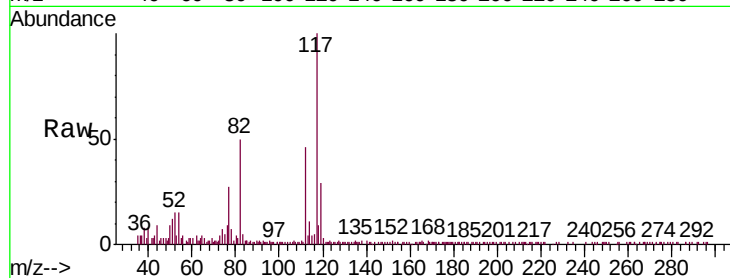
KY038PS037-191209

Tgt Ion:112 Resp: 7198

Ion Ratio Lower Upper

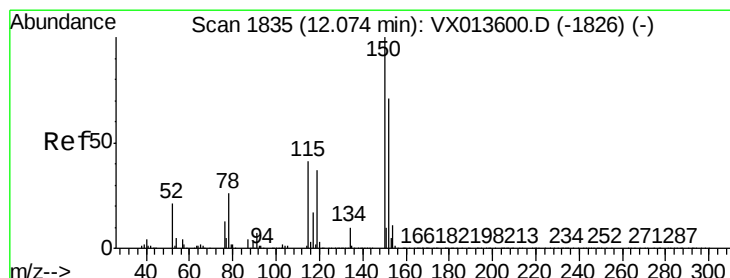
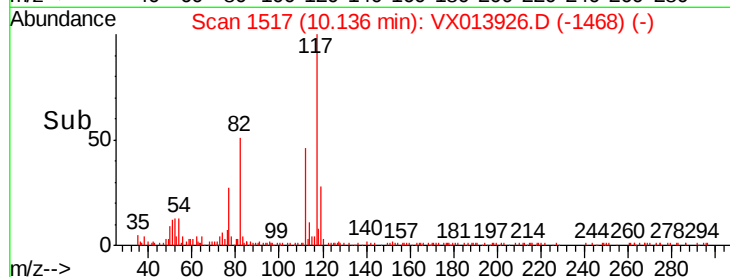
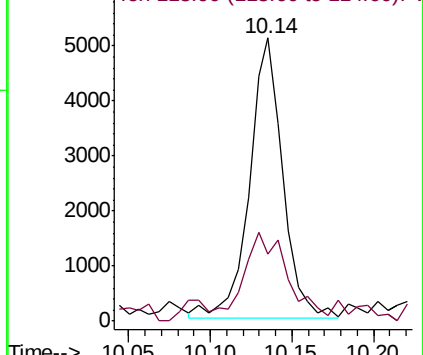
112 100

114 16.4 26.1 39.1#



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): 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: VX013926.D

Acq: 11 Dec 2019 03:27

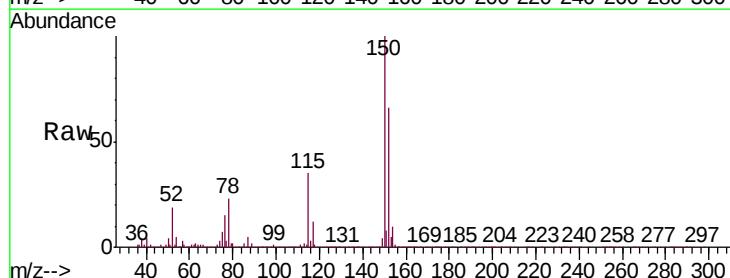
Tgt Ion:152 Resp: 375536

Ion Ratio Lower Upper

152 100

115 55.4 38.4 115.1

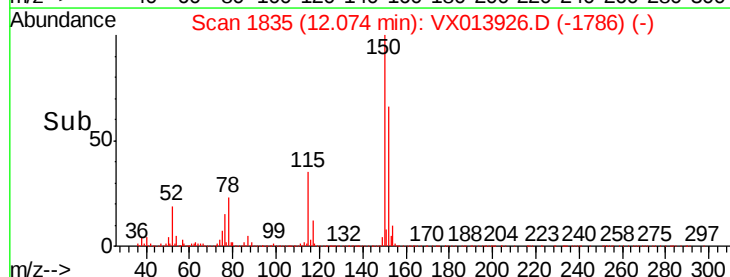
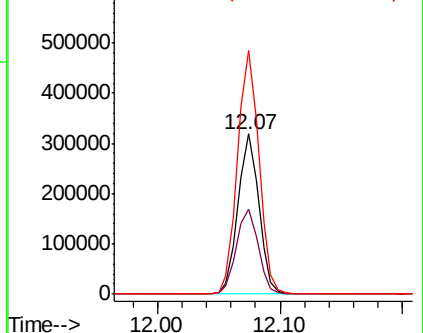
150 155.7 0.0 346.8

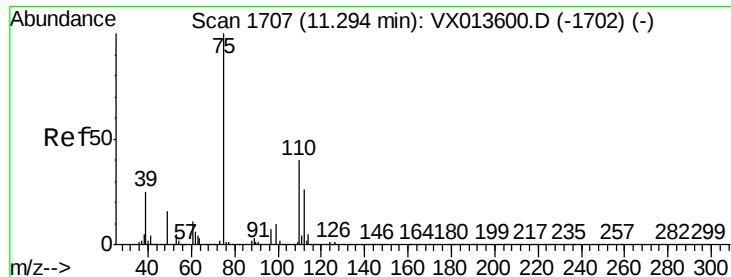


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 21.172 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.16 min

Lab File: VX013926.D

Acq: 11 Dec 2019 03:27

Instrument :

MSVOA_X

ClientSampleId :

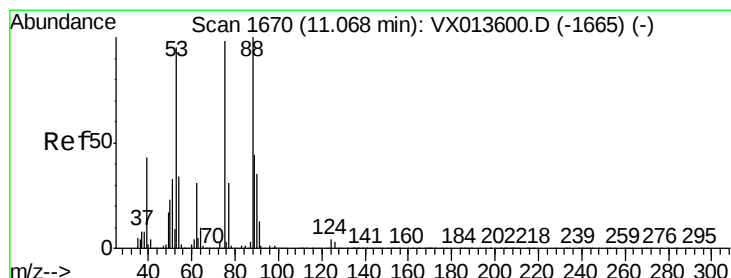
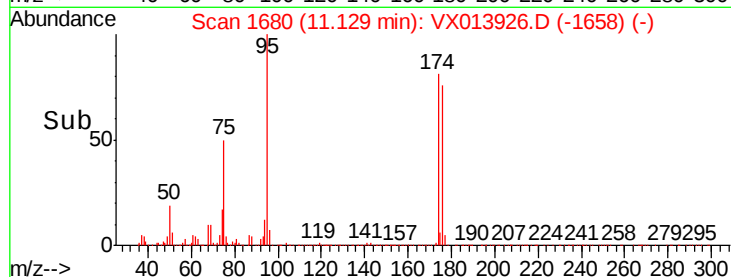
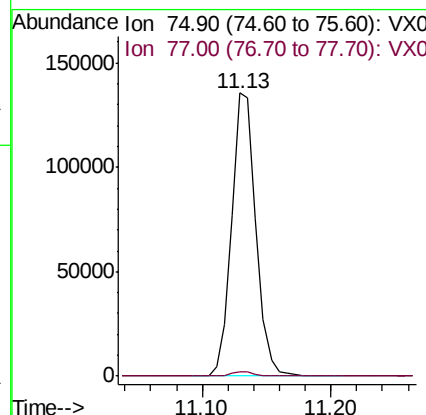
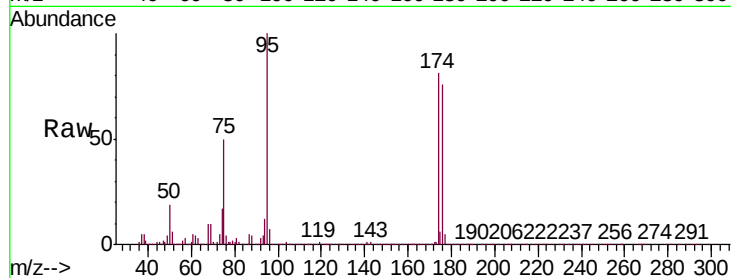
KY038PS037-191209

Tgt Ion: 75 Resp: 178830

Ion Ratio Lower Upper

75 100

77 1.8 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 57.923 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.06 min

Lab File: VX013926.D

Acq: 11 Dec 2019 03:27

Tgt Ion: 75 Resp: 178830

Ion Ratio Lower Upper

75 100

53 0.4 78.2 117.2#

89 0.0 35.4 53.2#

