

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042220\
 Data File : VX015848.D
 Acq On : 22 Apr 2020 17:46
 Operator : JC/SP
 Sample : L2363-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY038PS034-200420

Quant Time: Apr 23 04:53:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 04:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	921301	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1425839	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1414640	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	750920	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	513371	48.99	ug/l	0.00
Spiked Amount			Recovery	=	97.98%	
35) Dibromofluoromethane	5.47	113	410562	49.88	ug/l	0.00
Spiked Amount			Recovery	=	99.76%	
50) Toluene-d8	8.70	98	1740705	52.54	ug/l	0.00
Spiked Amount			Recovery	=	105.08%	
62) 4-Bromofluorobenzene	11.12	95	736892	54.22	ug/l	0.00
Spiked Amount			Recovery	=	108.44%	

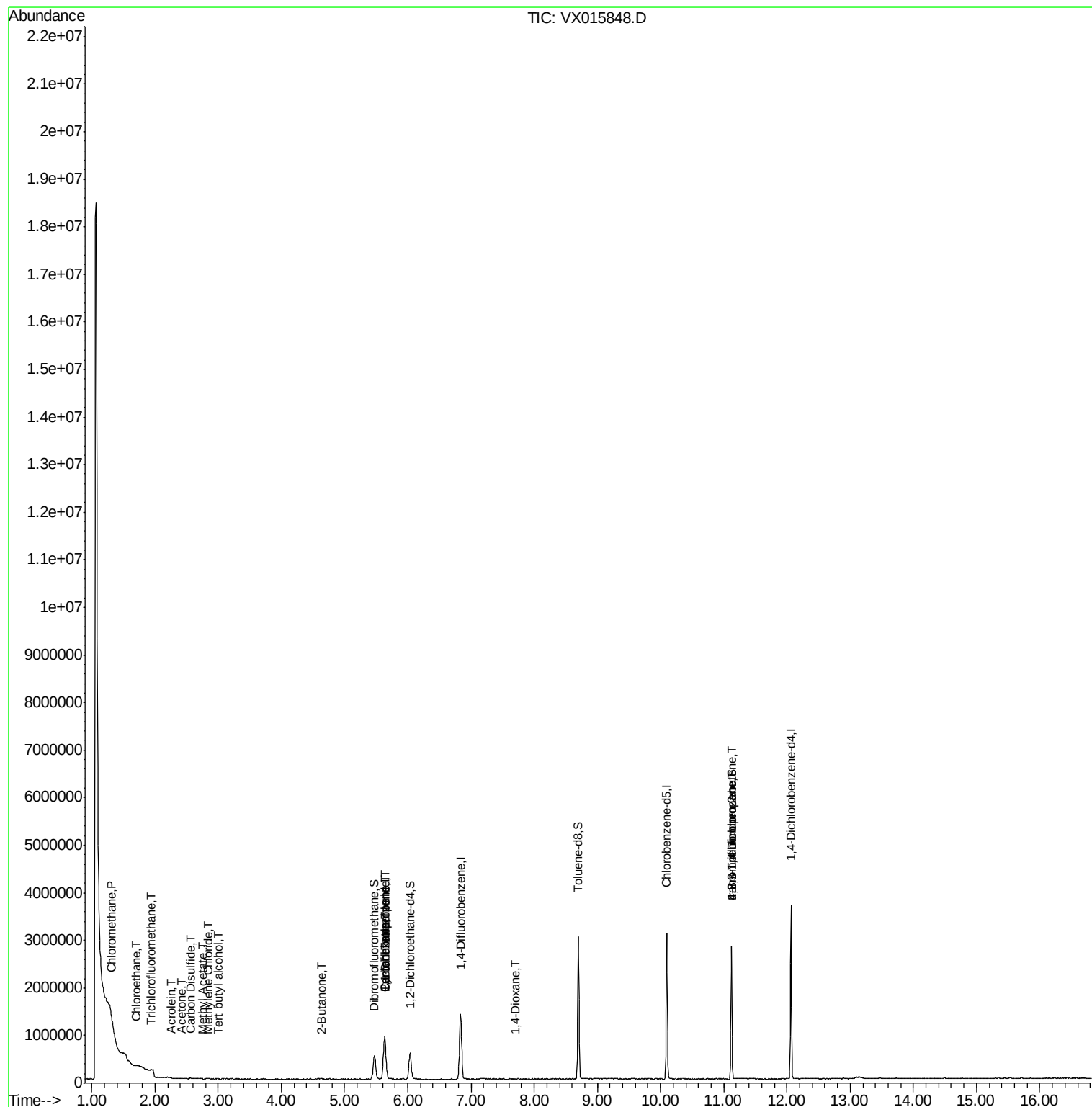
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	3280	0.406	ug/l	96
6) Chloroethane	1.70	64	1069	0.201	ug/l #	57
7) Trichlorofluoromethane	1.93	101	2329	0.201	ug/l	85
11) Tert butyl alcohol	3.00	59	1099	0.513	ug/l #	1
13) Acrolein	2.27	56	868	0.685	ug/l #	80
16) Acetone	2.42	43	14537	3.186	ug/l	97
17) Carbon Disulfide	2.56	76	22766	0.777	ug/l	98
18) Methyl Acetate	2.75	43	3444	0.229	ug/l #	87
20) Methylene Chloride	2.83	84	2521	0.272	ug/l #	80
25) 2-Butanone	4.65	43	4325	0.600	ug/l #	80
31) Cyclohexane	5.63	56	16192	1.058	ug/l #	1
36) 1,1-Dichloropropene	5.64	75	61281	4.848	ug/l #	50
38) Carbon Tetrachloride	5.64	117	84078	6.753	ug/l #	16
49) 1,4-Dioxane	7.71	88	437	1.852	ug/l #	21
76) 1,2,3-Trichloropropane	11.12	75	353061	24.725	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.12	75	353061	59.478	ug/l #	12

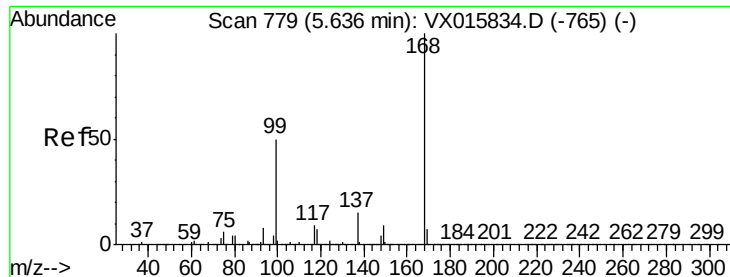
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX042220\
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QLast Update : Thu Apr 23 04:36:12 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. 0.00 min

Lab File: VX015848.D

Acq: 22 Apr 2020 17:46

Instrument :

MSVOA_X

ClientSampleId :

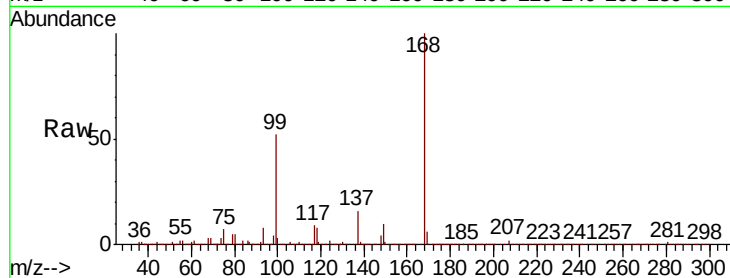
KY038PS034-200420

Tot Ion:168 Resp: 921301

Ion Ratio Lower Upper

168 100

99 51.9 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

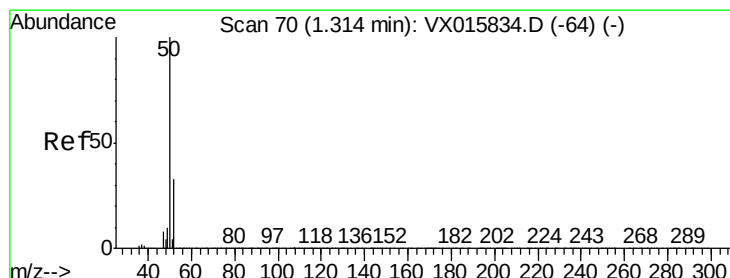
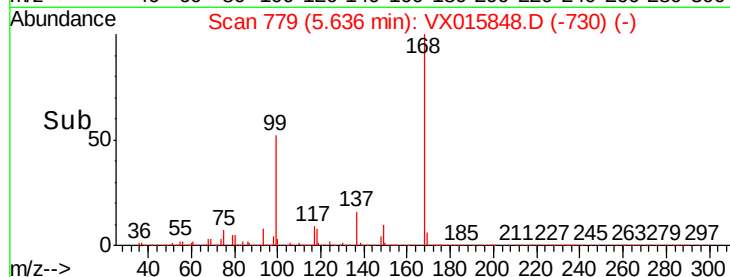
300000

200000

100000

0

Time-->



#3

Chloromethane

Concen: 0.406 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX015848.D

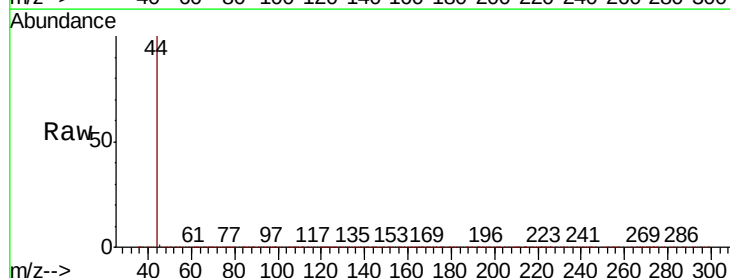
Acq: 22 Apr 2020 17:46

Tgt Ion: 50 Resp: 3280

Ion Ratio Lower Upper

50 100

52 35.0 26.2 39.4



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

2000

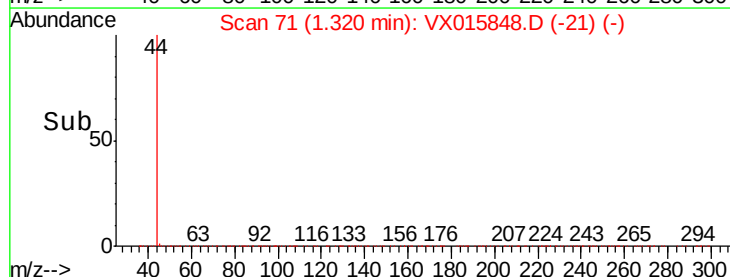
1500

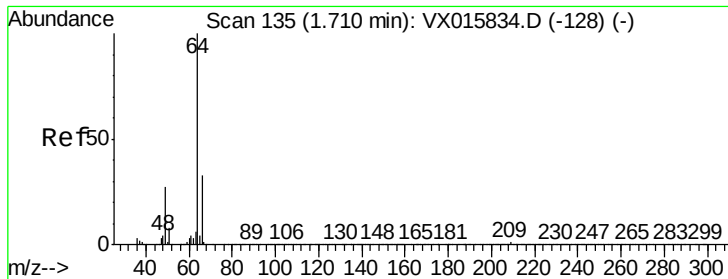
1000

500

0

Time-->





#6

Chloroethane

Concen: 0.201 ug/l

RT: 1.70 min Scan# 133

Delta R.T. -0.01 min

Lab File: VX015848.D

Acq: 22 Apr 2020 17:46

Instrument :

MSVOA_X

ClientSampleId :

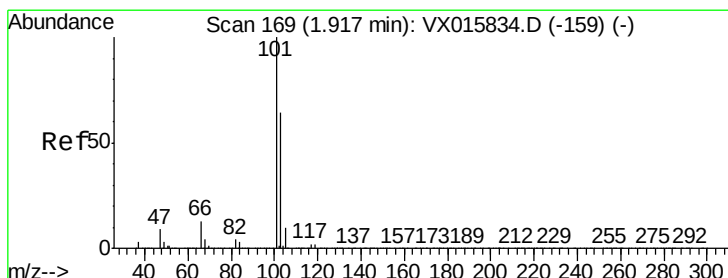
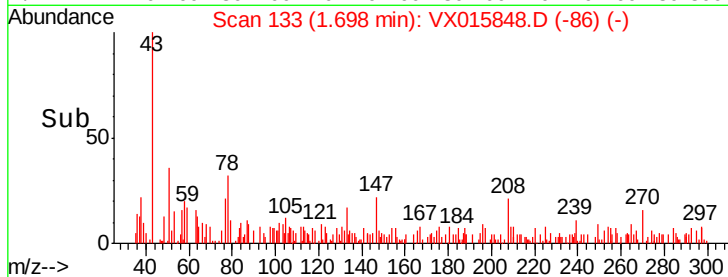
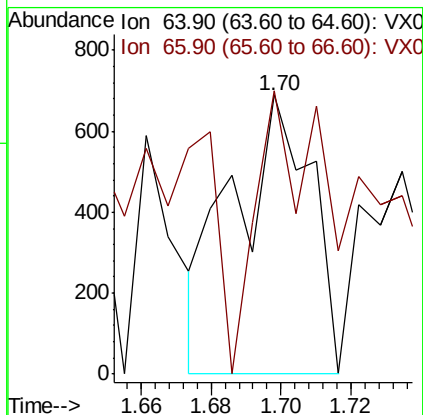
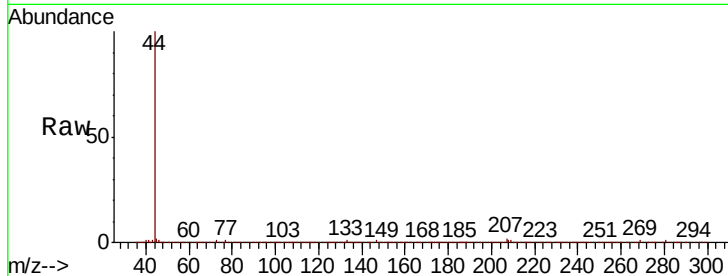
KY038PS034-200420

Tot Ion: 64 Resp: 1069

Ion Ratio Lower Upper

64 100

66 57.1 26.2 39.2#



#7

Trichlorofluoromethane

Concen: 0.201 ug/l

RT: 1.93 min Scan# 171

Delta R.T. 0.01 min

Lab File: VX015848.D

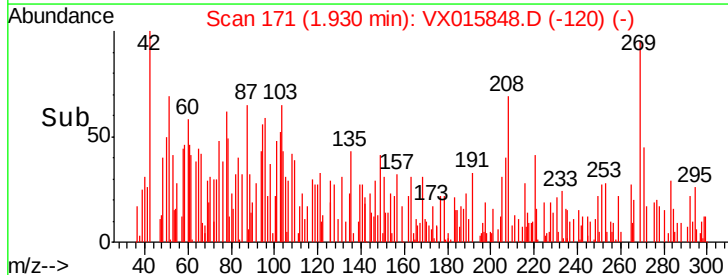
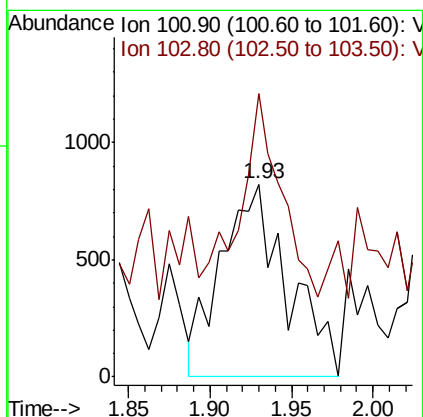
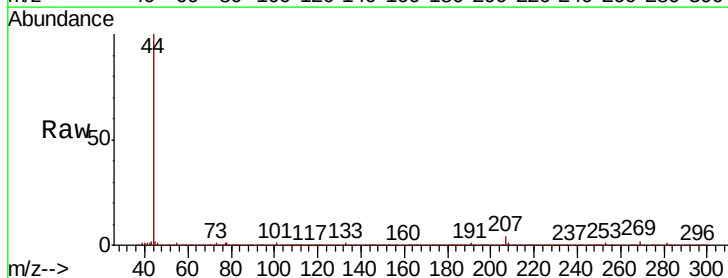
Acq: 22 Apr 2020 17:46

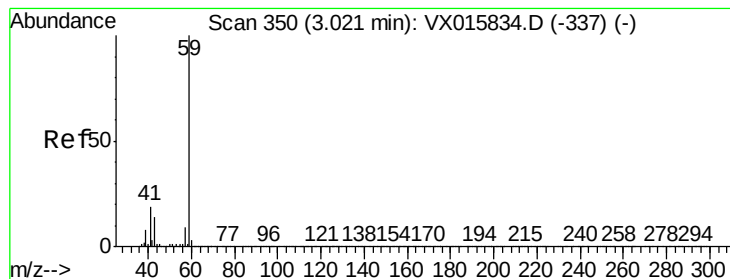
Tgt Ion:101 Resp: 2329

Ion Ratio Lower Upper

101 100

103 76.0 51.4 77.0



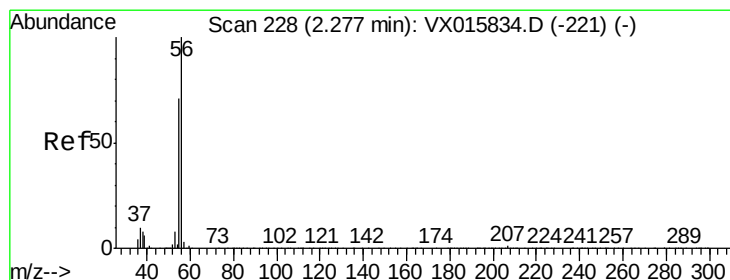
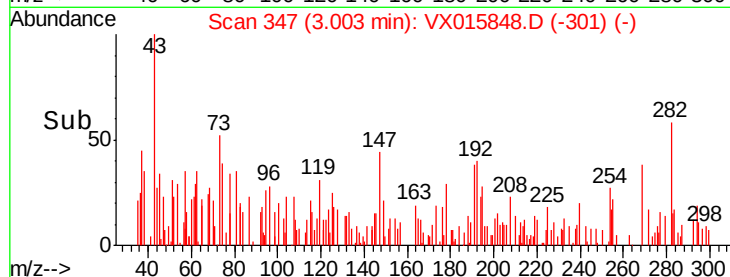
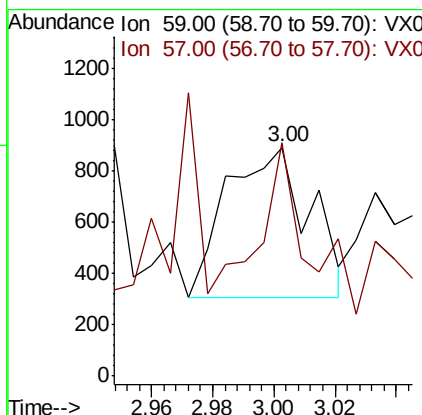
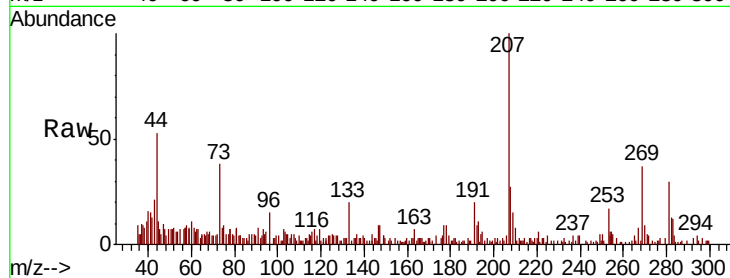


#11

Tert butyl alcohol
Concen: 0.513 ug/l
RT: 3.00 min Scan# 347
Delta R.T. -0.02 min
Lab File: VX015848.D
Acq: 22 Apr 2020 17:46

Instrument :
MSVOA_X
ClientSampleId :
KY038PS034-200420

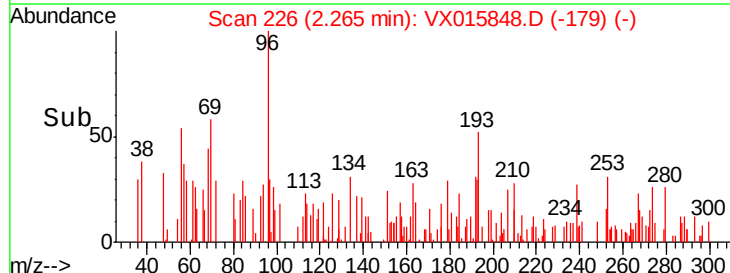
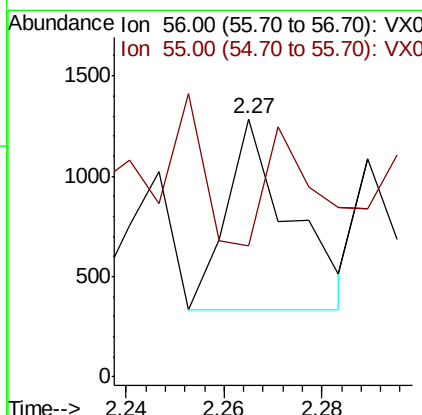
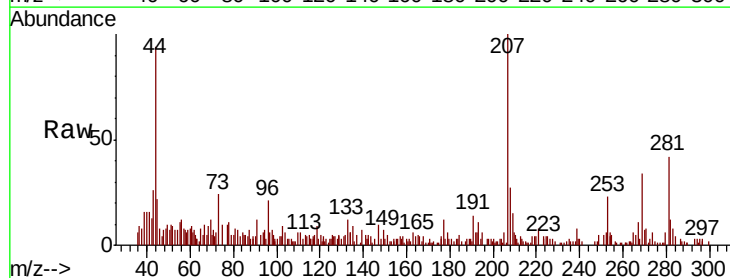
Tot Ion: 59 Resp: 1099
Ion Ratio Lower Upper
59 100
57 60.6 8.2 12.2#

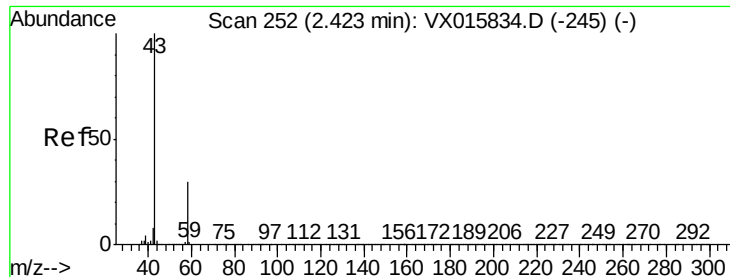


#13

Acrolein
Concen: 0.685 ug/l
RT: 2.27 min Scan# 226
Delta R.T. -0.01 min
Lab File: VX015848.D
Acq: 22 Apr 2020 17:46

Tgt Ion: 56 Resp: 868
Ion Ratio Lower Upper
56 100
55 53.3 56.1 84.1#





#16

Acetone

Concen: 3.186 ug/l

RT: 2.42 min Scan# 252

Delta R.T. 0.00 min

Lab File: VX015848.D

Acq: 22 Apr 2020 17:46

Instrument :

MSVOA_X

ClientSampleId :

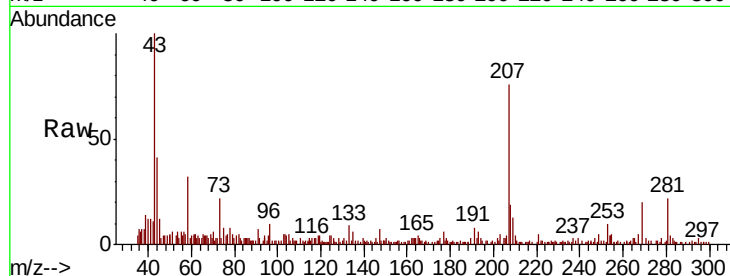
KY038PS034-200420

Tot Ion: 43 Resp: 14537

Ion Ratio Lower Upper

43 100

58 31.8 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

10000

8000

6000

4000

2000

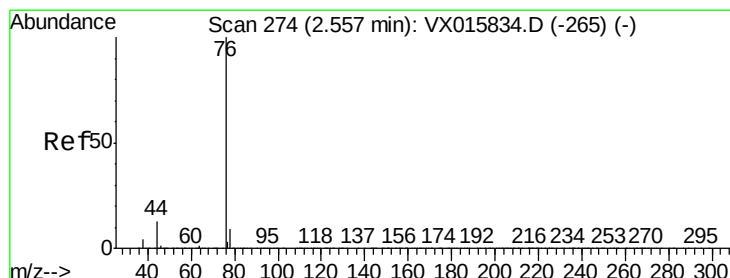
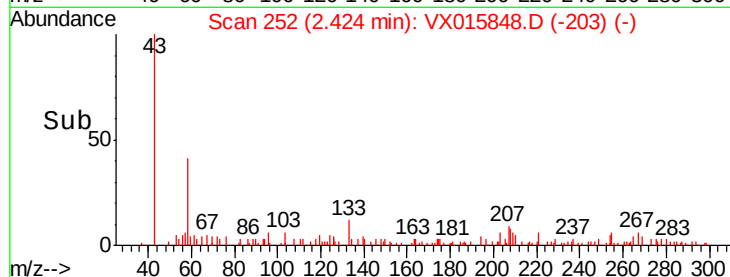
0

Time-->

2.35

2.40

2.45



#17

Carbon Disulfide

Concen: 0.777 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX015848.D

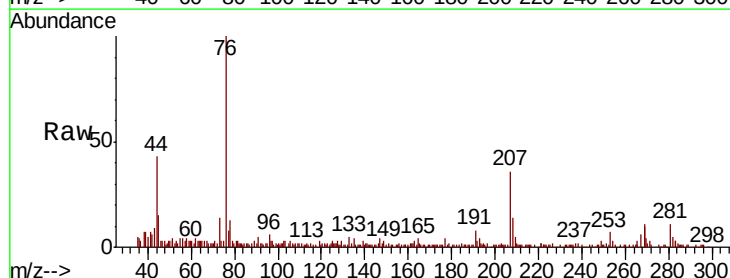
Acq: 22 Apr 2020 17:46

Tgt Ion: 76 Resp: 22766

Ion Ratio Lower Upper

76 100

78 10.0 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

15000

10000

5000

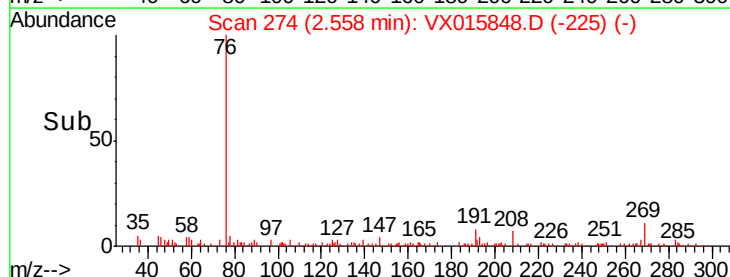
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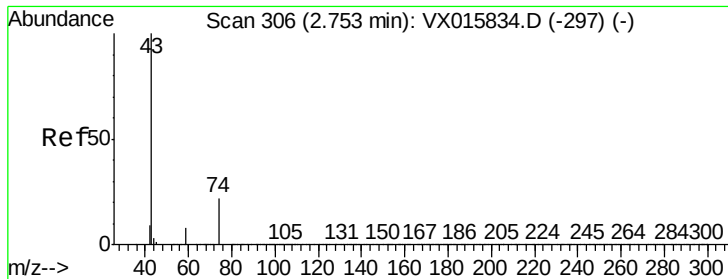
Time-->

2.50

2.55

2.60

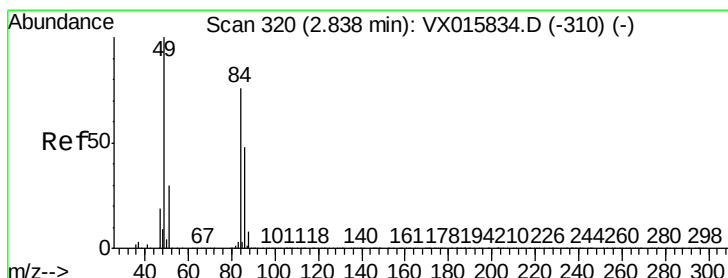
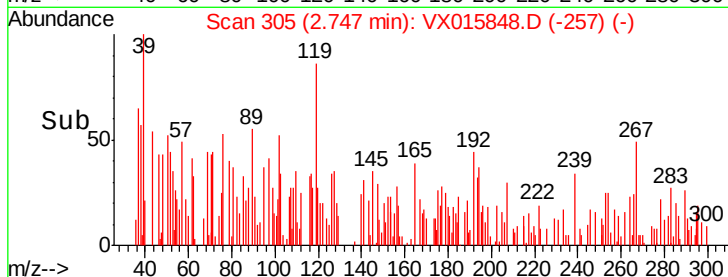
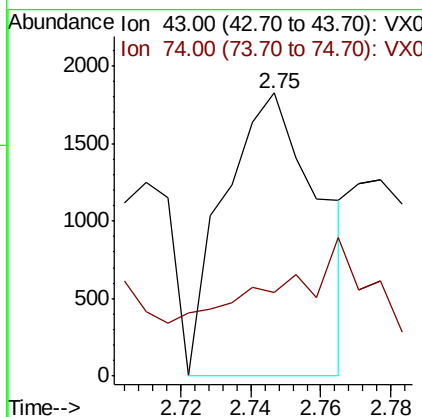
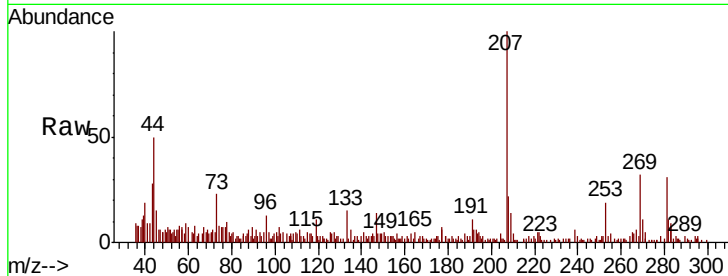




#18
Methyl Acetate
Concen: 0.229 ug/l
RT: 2.75 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX015848.D
Acq: 22 Apr 2020 17:46

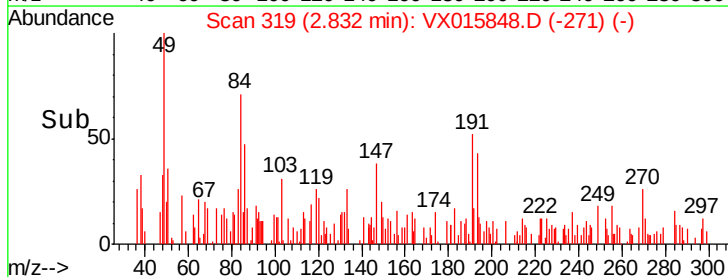
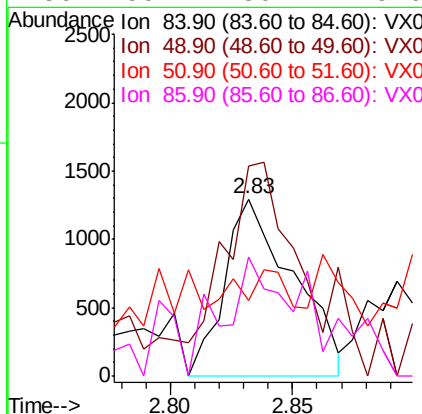
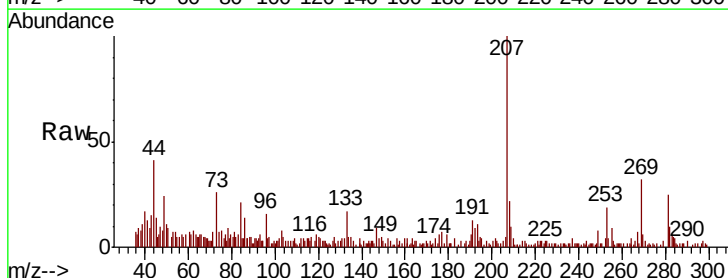
Instrument :
MSVOA_X
ClientSampleId :
KY038PS034-200420

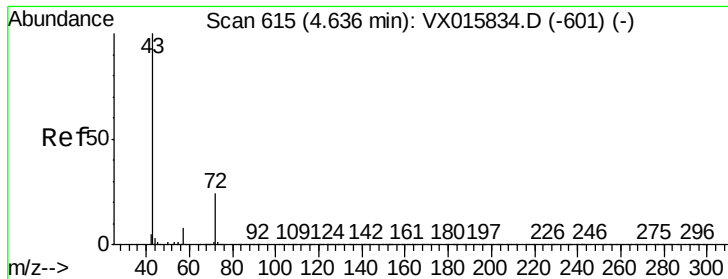
Tot Ion: 43 Resp: 3444
Ion Ratio Lower Upper
43 100
74 28.5 17.9 26.9#



#20
Methylene Chloride
Concen: 0.272 ug/l
RT: 2.83 min Scan# 319
Delta R.T. -0.01 min
Lab File: VX015848.D
Acq: 22 Apr 2020 17:46

Tgt Ion: 84 Resp: 2521
Ion Ratio Lower Upper
84 100
49 115.0 104.9 157.3
51 0.0 32.0 48.0#
86 59.4 50.4 75.6





#25

2-Butanone

Concen: 0.600 ug/l

RT: 4.65 min Scan# 617

Delta R.T. 0.01 min

Lab File: VX015848.D

Acq: 22 Apr 2020 17:46

Instrument :

MSVOA_X

ClientSampleId :

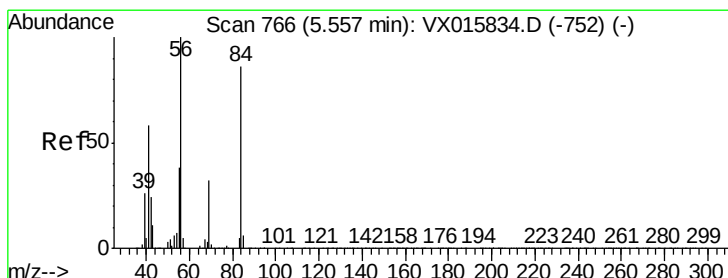
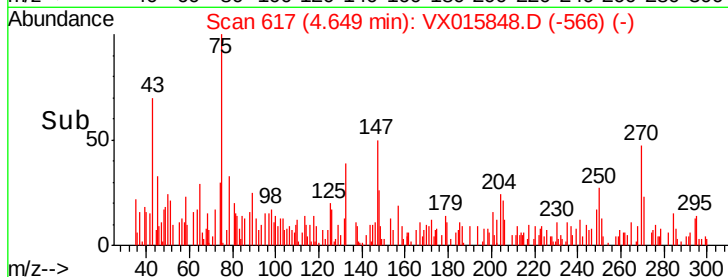
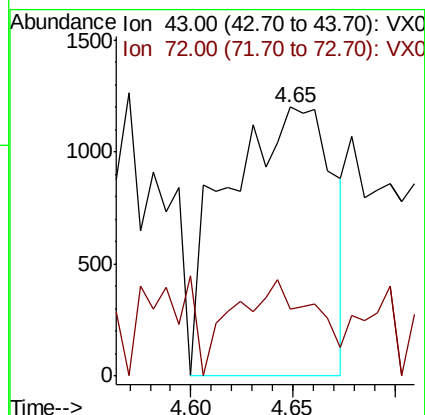
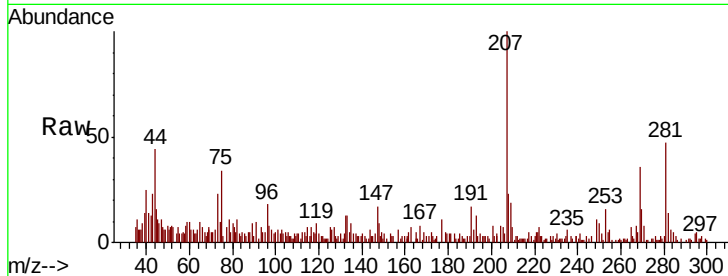
KY038PS034-200420

Tot Ion: 43 Resp: 4325

Ion Ratio Lower Upper

43 100

72 14.2 19.4 29.2#



#31

Cyclohexane

Concen: 1.058 ug/l

RT: 5.63 min Scan# 778

Delta R.T. 0.07 min

Lab File: VX015848.D

Acq: 22 Apr 2020 17:46

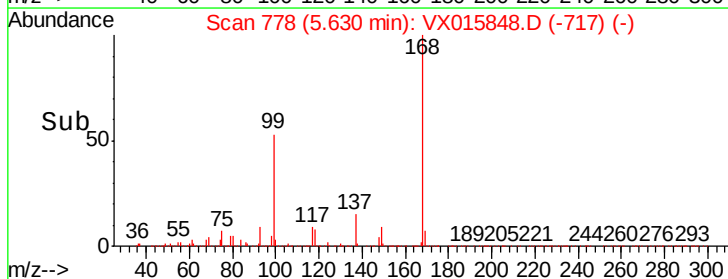
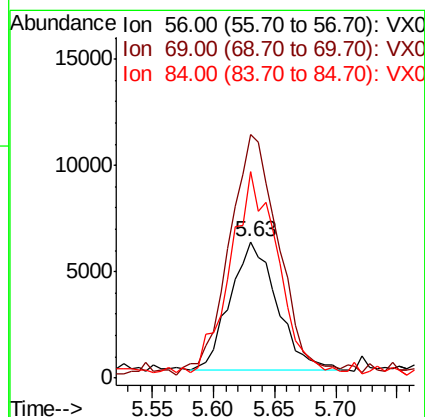
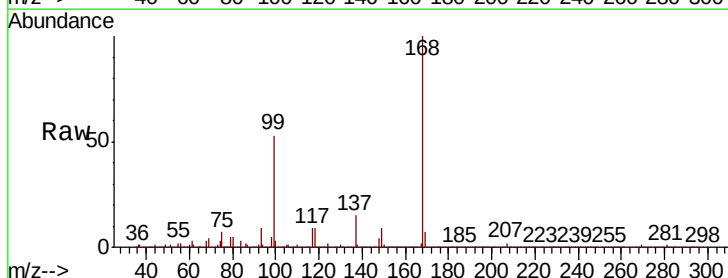
Tgt Ion: 56 Resp: 16192

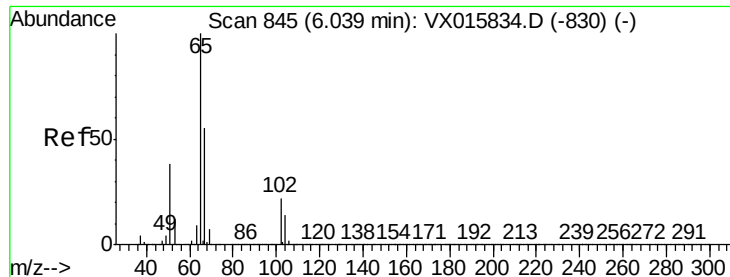
Ion Ratio Lower Upper

56 100

69 182.5 25.3 37.9#

84 156.8 69.1 103.7#

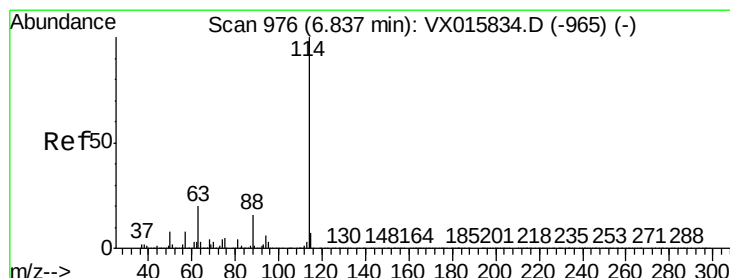
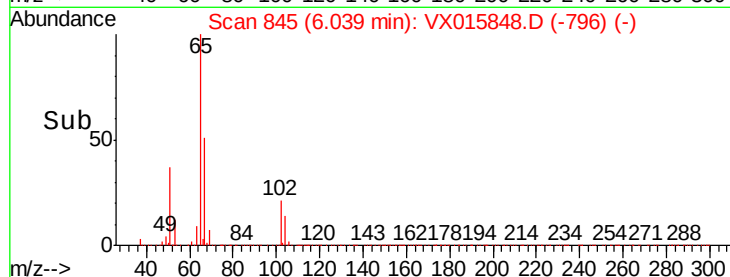
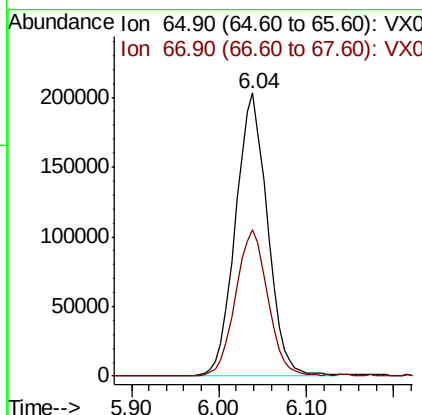
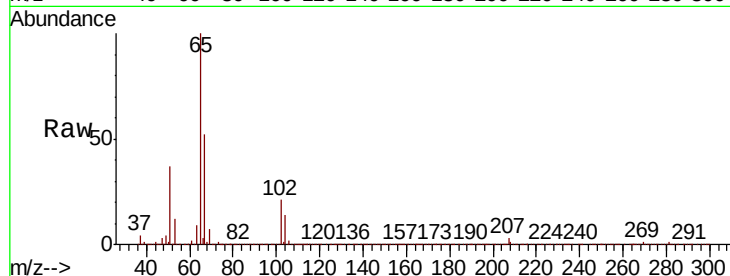




#33
 1,2-Dichloroethane-d4
 Concen: 48.993 ug/l
 RT: 6.04 min Scan# 845
 Delta R.T. 0.00 min
 Lab File: VX015848.D
 Acq: 22 Apr 2020 17:46

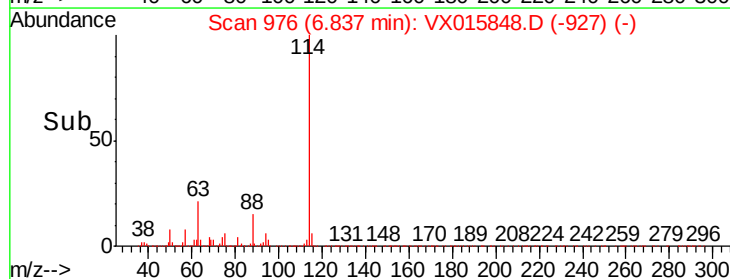
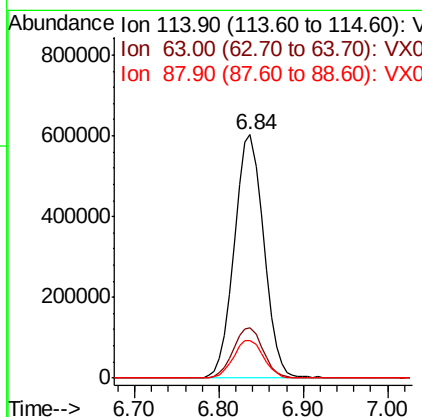
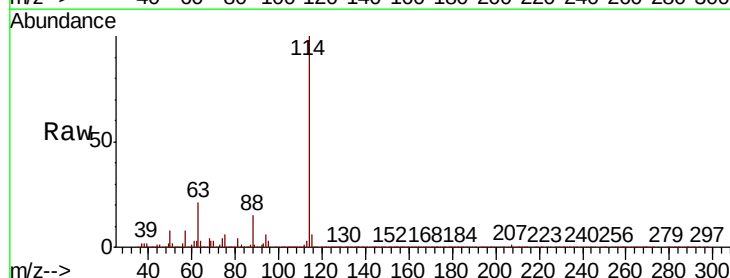
Instrument :
 MSVOA_X
 ClientSampleId :
 KY038PS034-200420

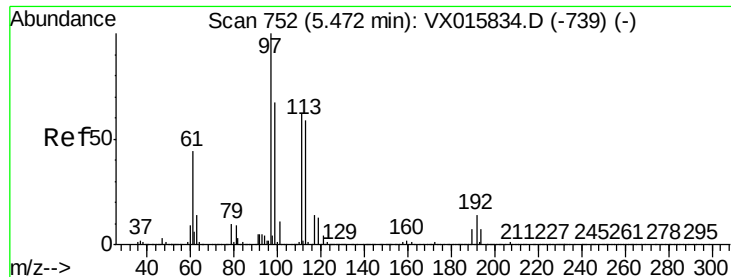
Tot Ion: 65 Resp: 513371
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 976
 Delta R.T. 0.00 min
 Lab File: VX015848.D
 Acq: 22 Apr 2020 17:46

Tgt Ion: 114 Resp: 1425839
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 40.6
 88 15.3 0.0 32.8

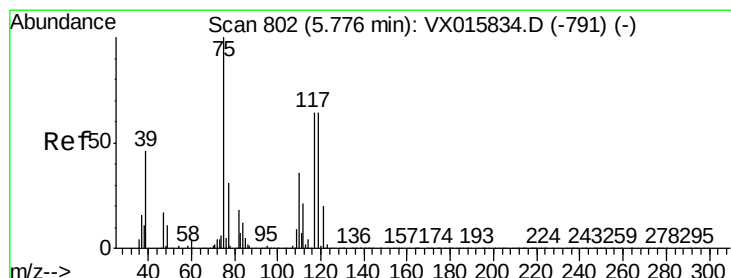
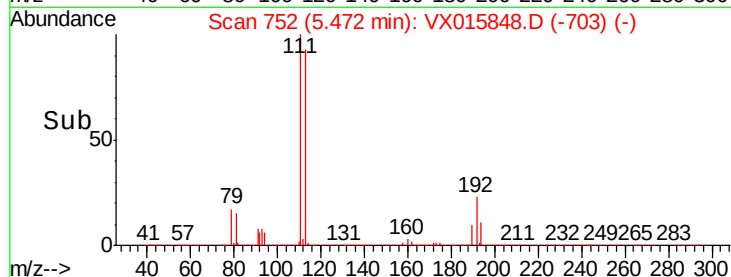
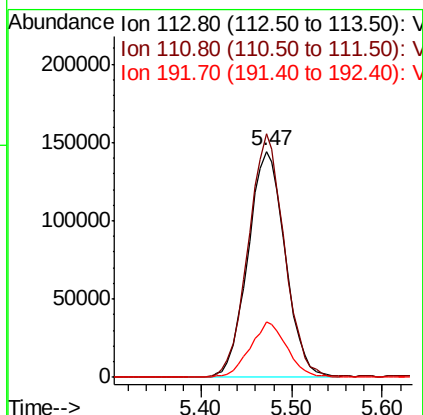
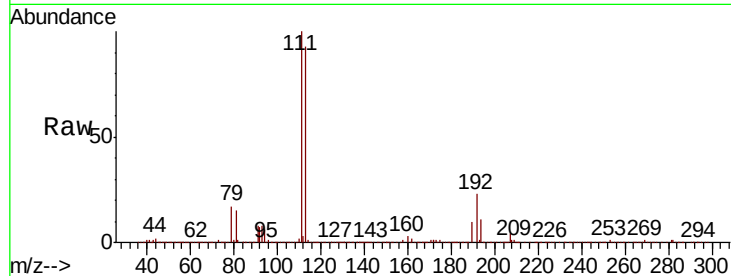




#35
 Dibromofluoromethane
 Concen: 49.884 ug/l
 RT: 5.47 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: VX015848.D
 Acq: 22 Apr 2020 17:46

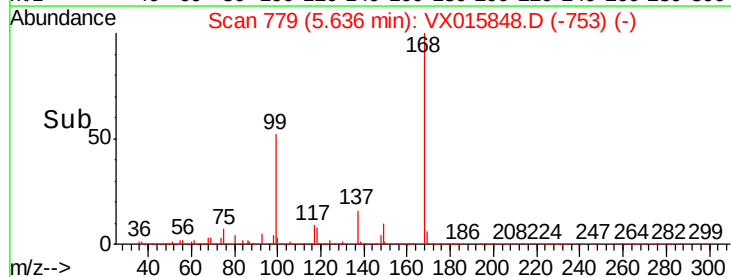
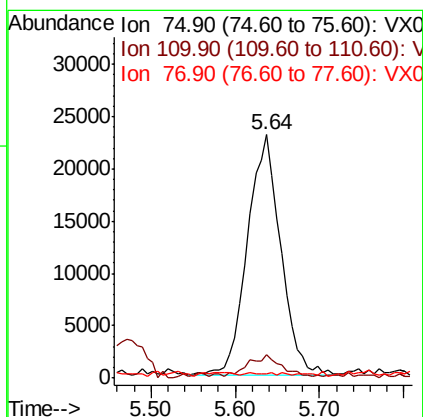
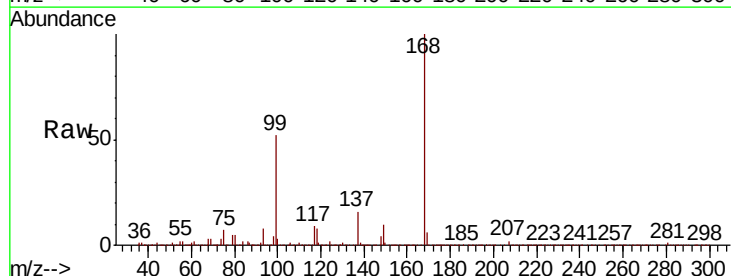
Instrument :
 MSVOA_X
 ClientSampleId :
 KY038PS034-200420

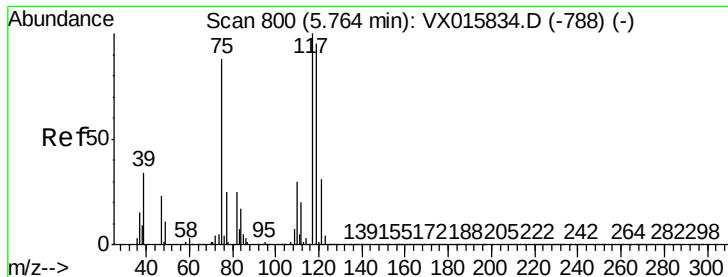
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.7	124.1
192	24.1	19.3	28.9



#36
 1,1-Dichloropropene
 Concen: 4.848 ug/l
 RT: 5.64 min Scan# 779
 Delta R.T. -0.14 min
 Lab File: VX015848.D
 Acq: 22 Apr 2020 17:46

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.4	17.9	53.8#
77	0.2	24.5	36.7#





#38

Carbon Tetrachloride

Concen: 6.753 ug/l

RT: 5.64 min Scan# 779

Delta R.T. -0.13 min

Lab File: VX015848.D

Acq: 22 Apr 2020 17:46

Instrument :

MSVOA_X

ClientSampleId :

KY038PS034-200420

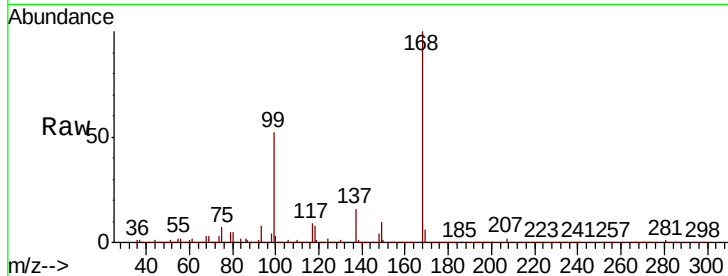
Tot Ion:117 Resp: 84078

Ion Ratio Lower Upper

117 100

119 4.9 75.7 113.5#

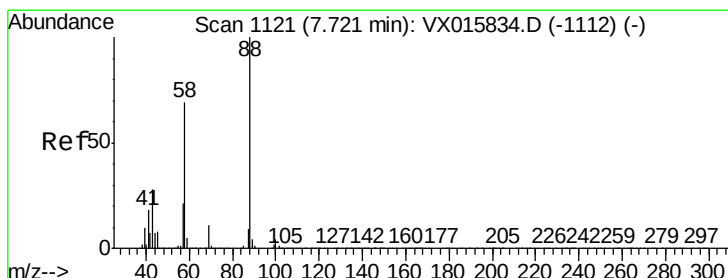
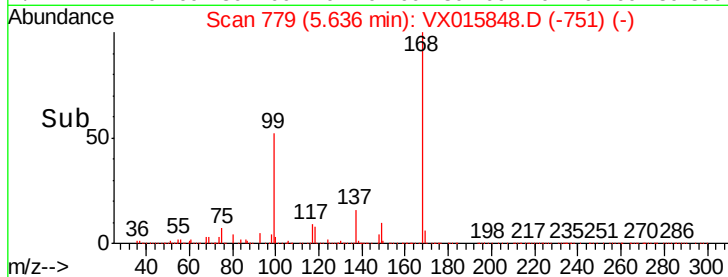
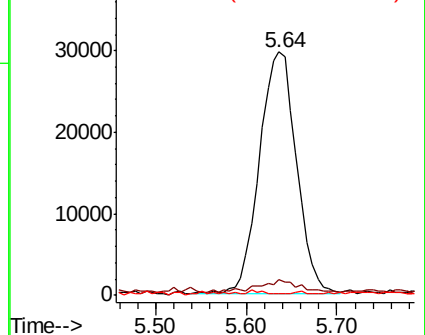
121 0.4 25.0 37.6#



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



#49

1,4-Dioxane

Concen: 1.852 ug/l

RT: 7.71 min Scan# 1119

Delta R.T. -0.01 min

Lab File: VX015848.D

Acq: 22 Apr 2020 17:46

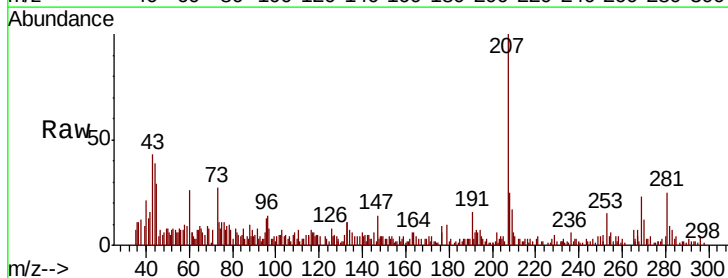
Tgt Ion: 88 Resp: 437

Ion Ratio Lower Upper

88 100

43 0.0 28.2 42.4#

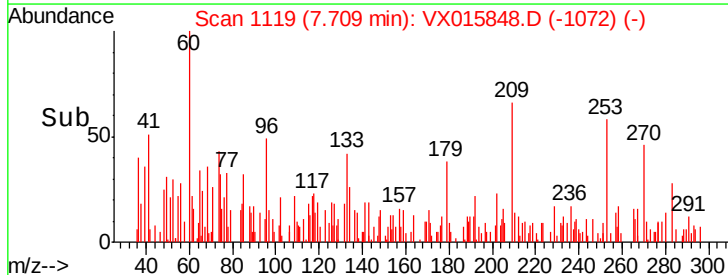
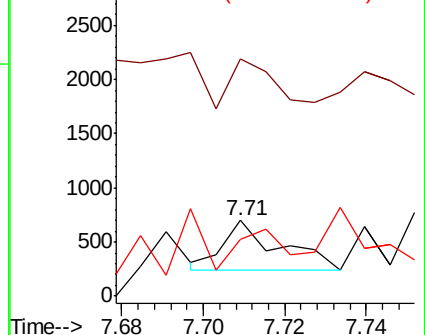
58 0.0 58.9 88.3#

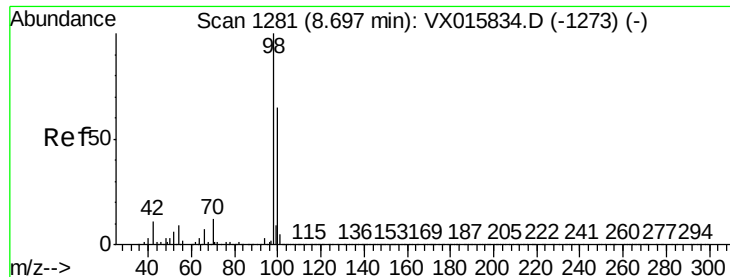


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 52.538 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VX015848.D

Acq: 22 Apr 2020 17:46

Instrument :

MSVOA_X

ClientSampleId :

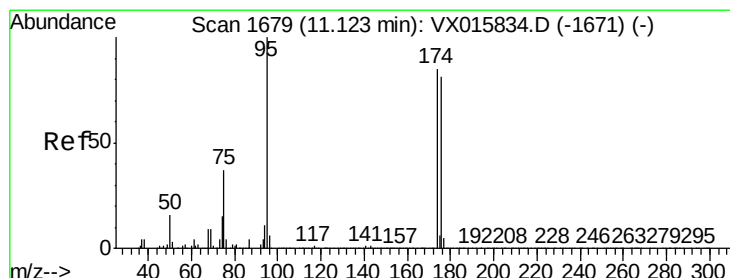
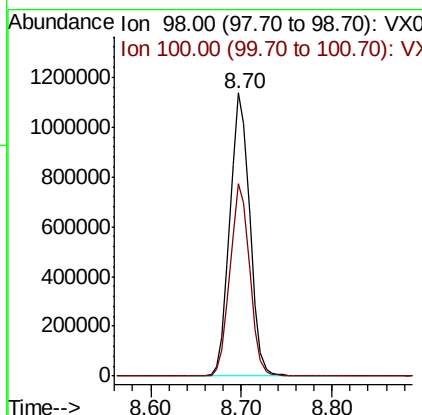
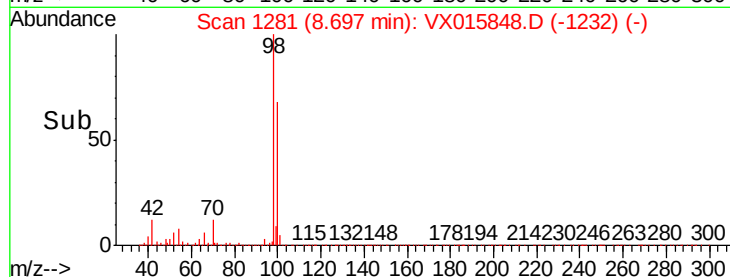
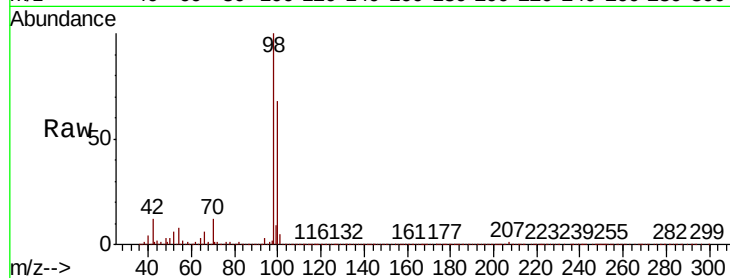
KY038PS034-200420

Tot Ion: 98 Resp: 1740705

Ion Ratio Lower Upper

98 100

100 67.3 53.8 80.6



#62

4-Bromofluorobenzene

Concen: 54.216 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015848.D

Acq: 22 Apr 2020 17:46

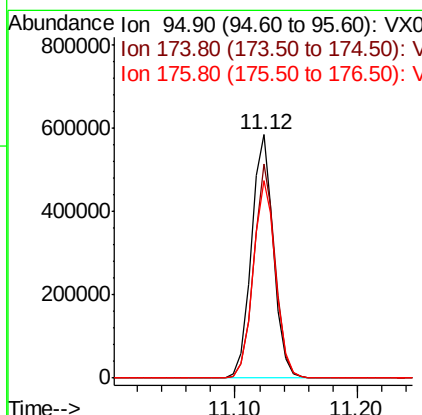
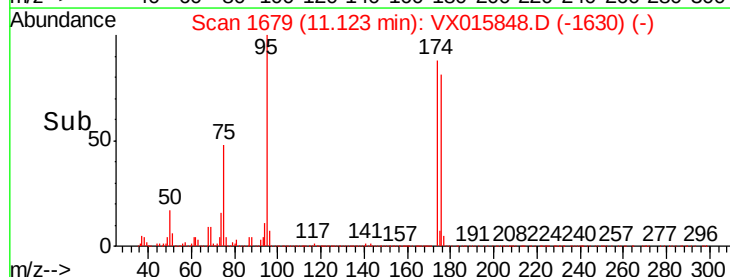
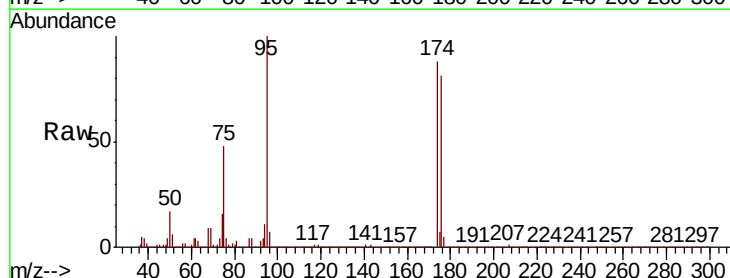
Tgt Ion: 95 Resp: 736892

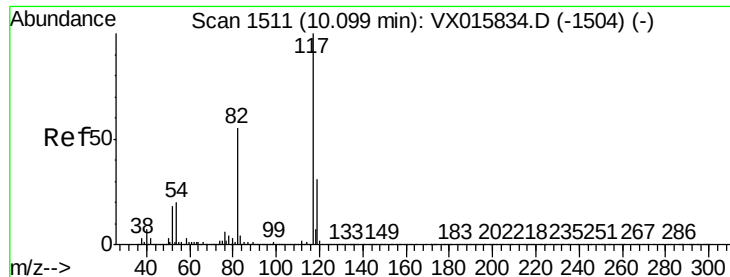
Ion Ratio Lower Upper

95 100

174 86.0 0.0 172.4

176 83.0 0.0 167.0

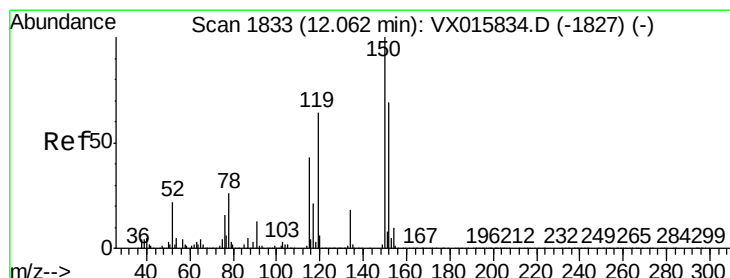
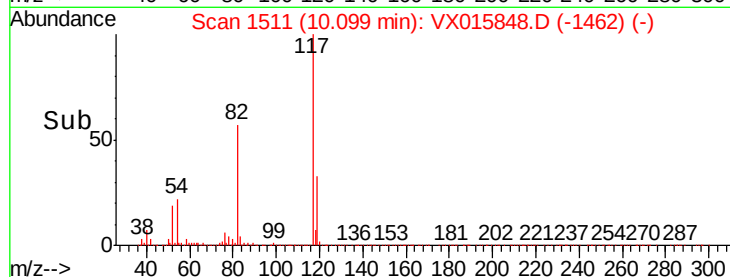
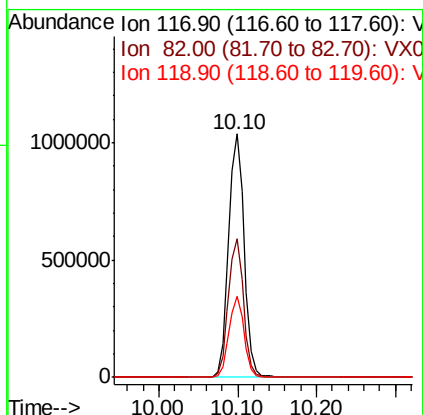
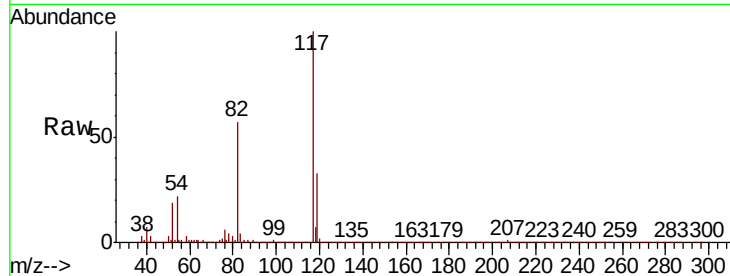




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015848.D
Acq: 22 Apr 2020 17:46

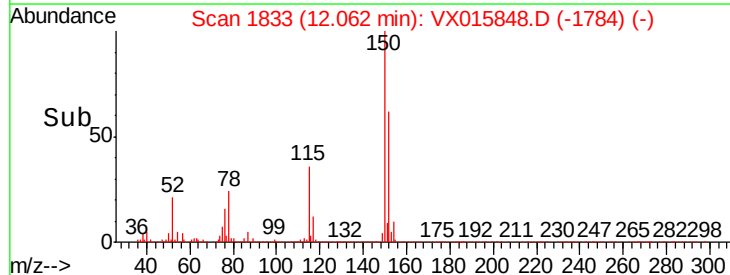
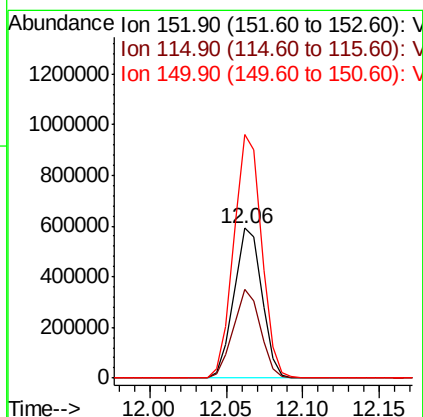
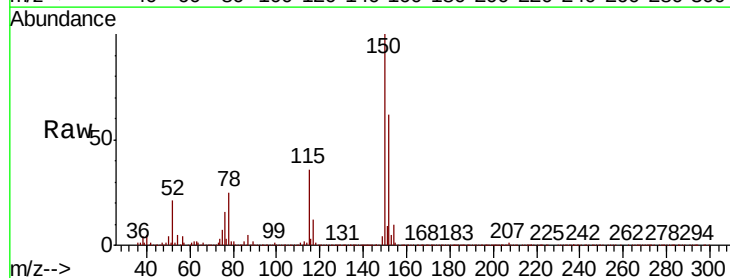
Instrument :
MSVOA_X
ClientSampleId :
KY038PS034-200420

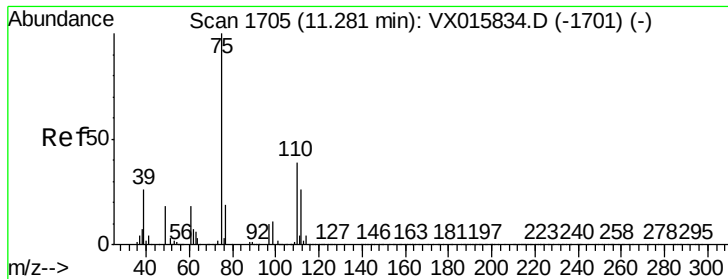
Tot Ion:117 Resp: 1414640
Ion Ratio Lower Upper
117 100
82 56.7 43.9 65.9
119 33.1 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX015848.D
Acq: 22 Apr 2020 17:46

Tgt Ion:152 Resp: 750920
Ion Ratio Lower Upper
152 100
115 57.3 39.0 116.9
150 161.6 0.0 336.8

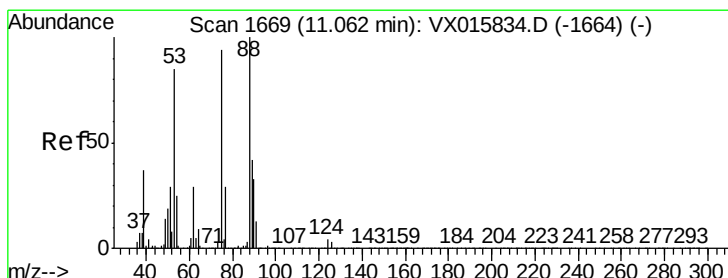
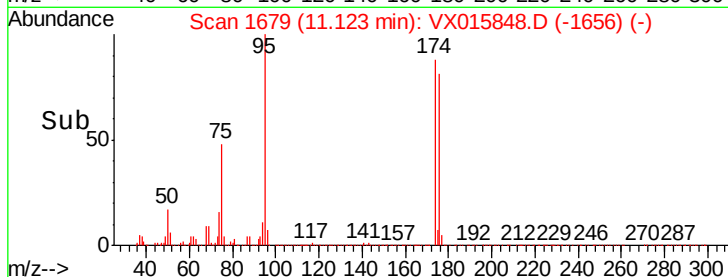
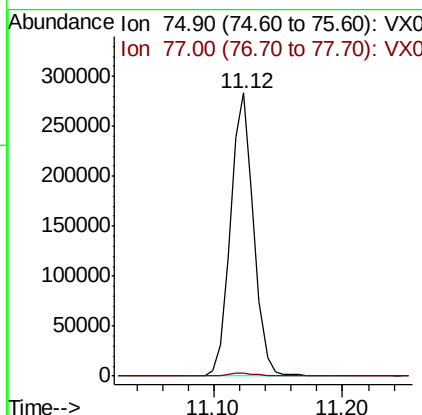
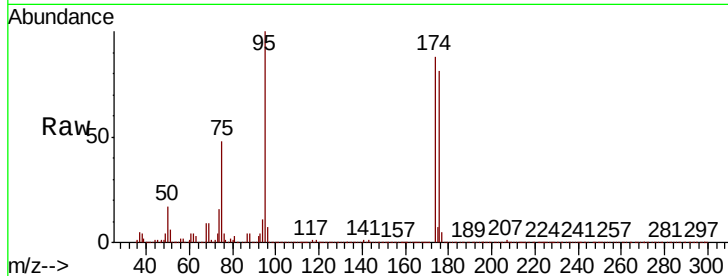




#76
 1,2,3-Trichloropropane
 Concen: 24.725 ug/l
 RT: 11.12 min Scan# 1679
 Delta R.T. -0.16 min
 Lab File: VX015848.D
 Acq: 22 Apr 2020 17:46

Instrument :
 MSVOA_X
 ClientSampleId :
 KY038PS034-200420

Tot Ion: 75 Resp: 353061
 Ion Ratio Lower Upper
 75 100
 77 1.4 21.3 63.9#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 59.478 ug/l
 RT: 11.12 min Scan# 1679
 Delta R.T. 0.06 min
 Lab File: VX015848.D
 Acq: 22 Apr 2020 17:46

Tgt Ion: 75 Resp: 353061
 Ion Ratio Lower Upper
 75 100
 53 0.3 74.2 111.2#
 89 0.3 38.0 57.0#

