

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072320\
 Data File : VX017503.D
 Acq On : 23 Jul 2020 19:24
 Operator : JC/SP
 Sample : L3371-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY038PS027-200720

Quant Time: Jul 24 06:00:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	451129	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	758853	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	754538	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	418014	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	306468	52.89	ug/l	0.00
Spiked Amount			Recovery	=	105.78%	
35) Dibromofluoromethane	5.47	113	257078	50.65	ug/l	0.00
Spiked Amount			Recovery	=	101.30%	
50) Toluene-d8	8.70	98	881649	48.15	ug/l	0.00
Spiked Amount			Recovery	=	96.30%	
62) 4-Bromofluorobenzene	11.12	95	422584	57.67	ug/l	0.00
Spiked Amount			Recovery	=	115.34%	

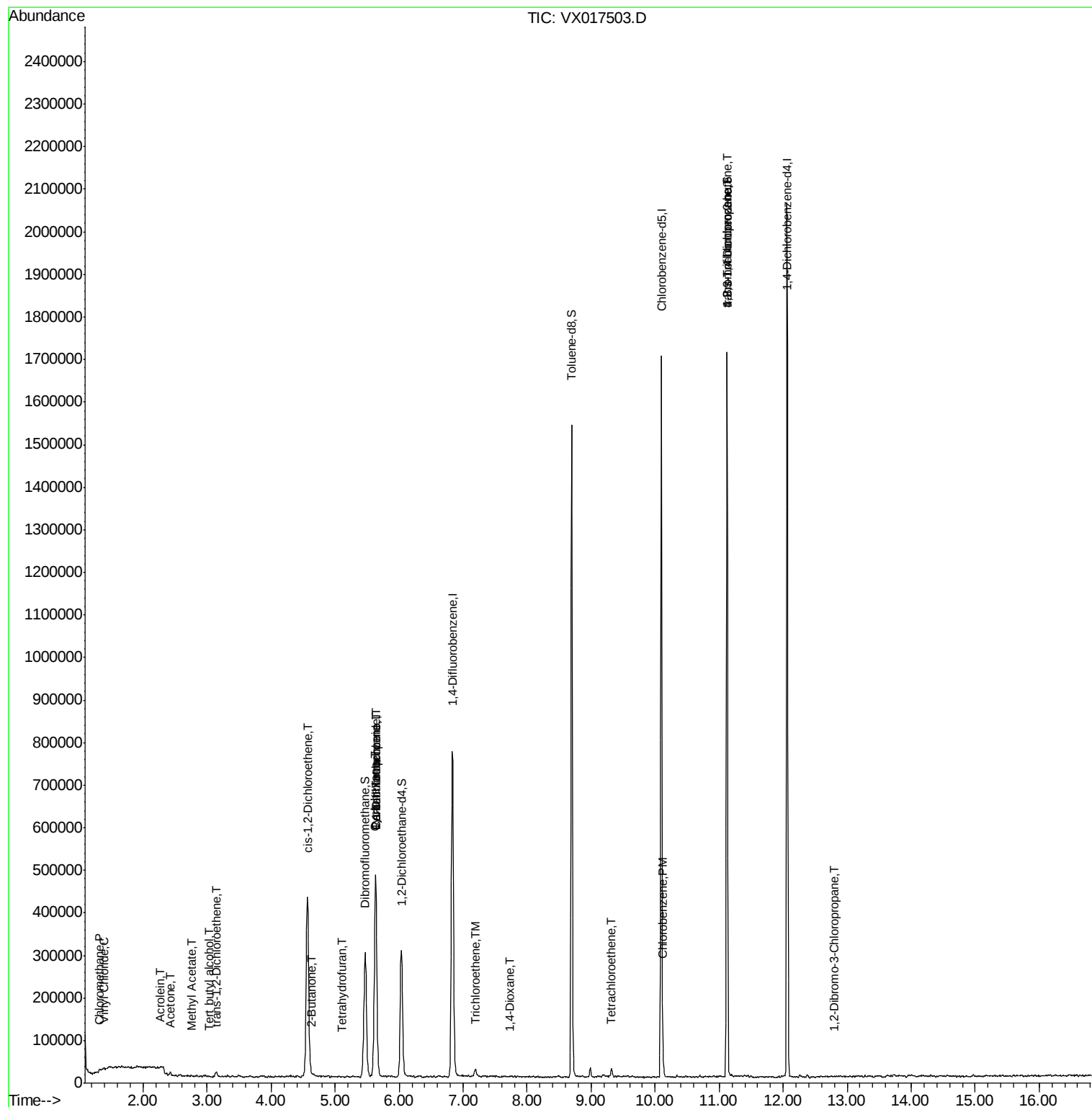
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	347	Below Cal	#	42
3) Chloromethane	1.31	50	3263	0.948	ug/l #	84
4) Vinyl Chloride	1.39	62	2048	0.361	ug/l #	82
5) Bromomethane	1.64	94	1121	Below Cal		99
6) Chloroethane	1.67	64	573	Below Cal	#	47
8) Diethyl Ether	2.19	74	603	Below Cal		91
11) Tert butyl alcohol	3.02	59	1502	1.230	ug/l #	34
13) Acrolein	2.26	56	2019	6.278	ug/l #	14
16) Acetone	2.42	43	5976	2.343	ug/l	89
18) Methyl Acetate	2.76	43	2240	0.373	ug/l #	76
20) Methylene Chloride	2.84	84	675	Below Cal	#	14
21) trans-1,2-Dichloroethene	3.15	96	4931	0.988	ug/l	88
25) 2-Butanone	4.63	43	980	0.270	ug/l #	52
27) cis-1,2-Dichloroethene	4.56	96	268743	49.566	ug/l	89
29) Tetrahydrofuran	5.11	42	612	0.273	ug/l #	43
31) Cyclohexane	5.62	56	9123	1.277	ug/l #	33
36) 1,1-Dichloropropene	5.63	75	33717	4.633	ug/l #	53
38) Carbon Tetrachloride	5.64	117	47009	5.319	ug/l #	16
44) Trichloroethene	7.18	130	7690	1.261	ug/l	58
49) 1,4-Dioxane	7.71	88	191	1.530	ug/l #	16
64) Tetrachloroethene	9.32	164	4381	0.647	ug/l	87
65) Chlorobenzene	10.12	112	16023	0.981	ug/l	98
76) 1,2,3-Trichloropropane	11.12	75	214035	24.891	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.12	75	214035	62.721	ug/l #	12
92) 1,2-Dibromo-3-Chloropropan	12.81	75	82	2.607	ug/l	92

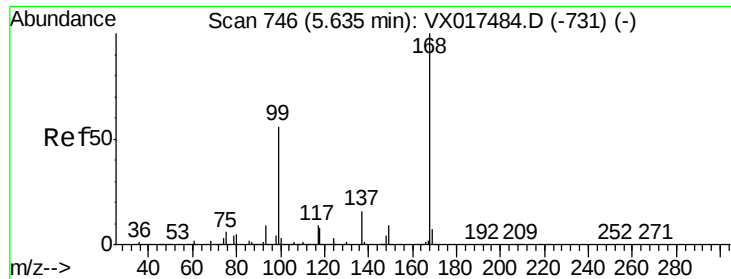
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX072320\
Data File : VX017503.D
Acq On : 23 Jul 2020 19:24
Operator : JC/SP
Sample : L3371-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
KY038PS027-200720

Quant Time: Jul 24 06:00:15 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 24 05:48:09 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX017503.D

Acq: 23 Jul 2020 19:24

Instrument :

MSVOA_X

ClientSampleId :

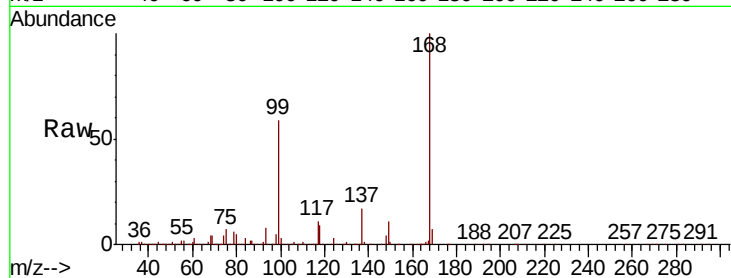
KY038PS027-200720

Tot Ion:168 Resp: 451129

Ion Ratio Lower Upper

168 100

99 58.7 43.4 65.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

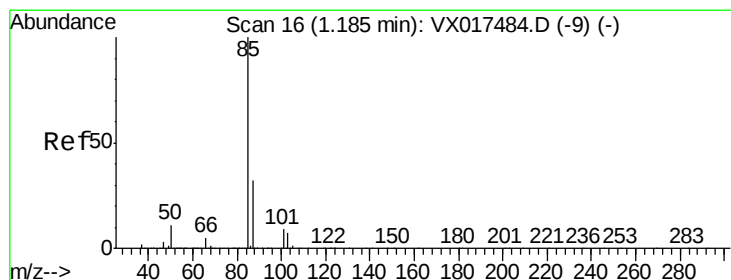
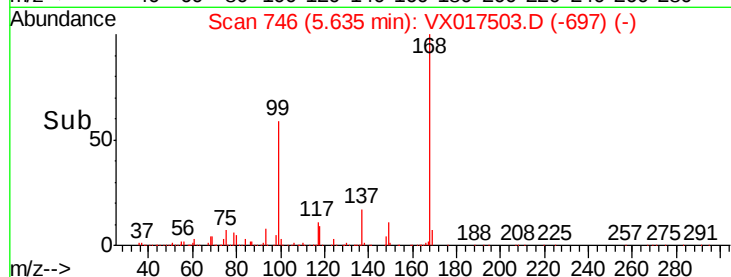
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.19 min Scan# 17

Delta R.T. 0.01 min

Lab File: VX017503.D

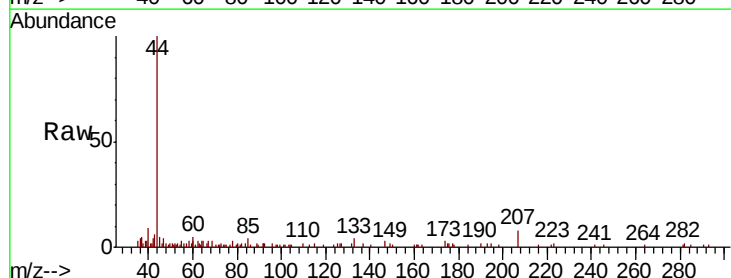
Acq: 23 Jul 2020 19:24

Tgt Ion: 85 Resp: 347

Ion Ratio Lower Upper

85 100

87 0.0 16.1 48.3#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

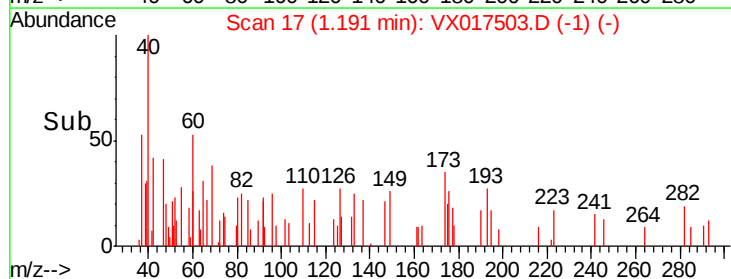
300

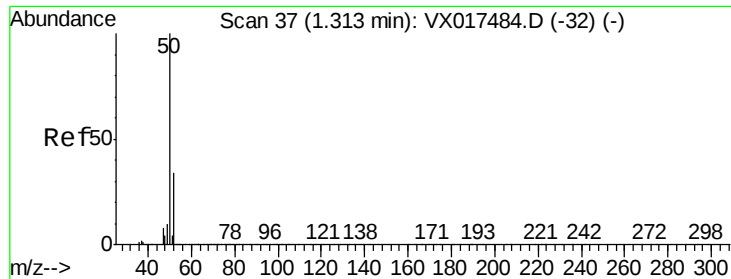
200

100

0

Time-->





#3

Chloromethane

Concen: 0.948 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX017503.D

Acq: 23 Jul 2020 19:24

Instrument :

MSVOA_X

ClientSampleId :

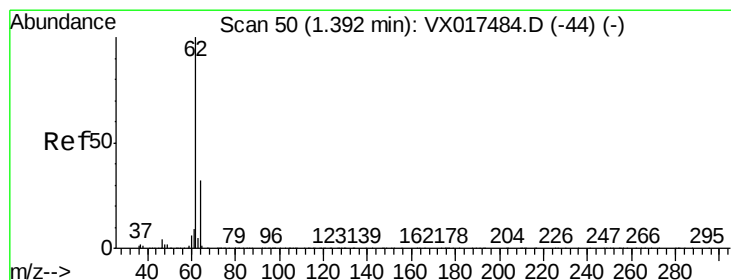
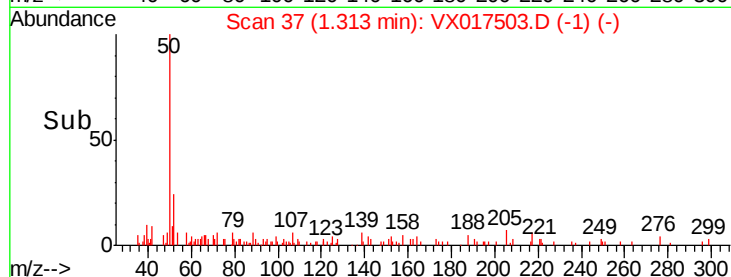
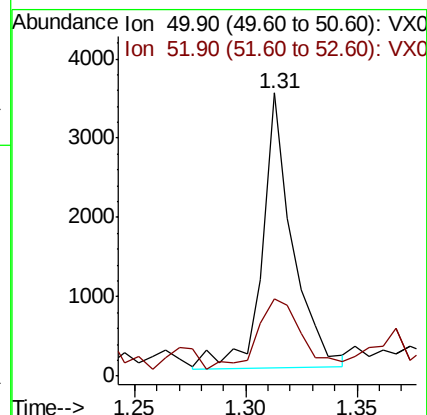
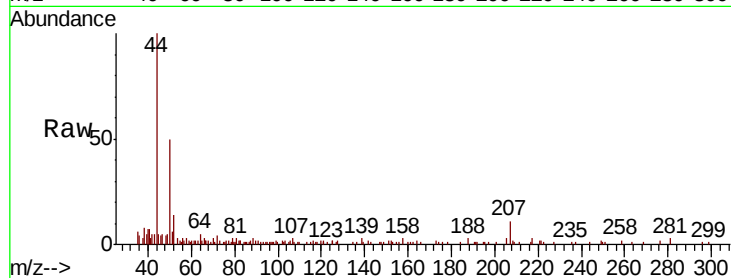
KY038PS027-200720

Tot Ion: 50 Resp: 3263

Ion Ratio Lower Upper

50 100

52 23.3 25.9 38.9#



#4

Vinyl Chloride

Concen: 0.361 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017503.D

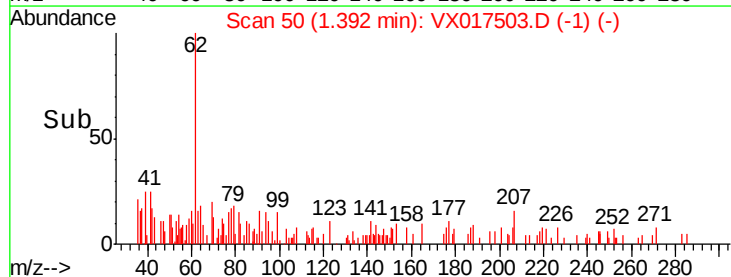
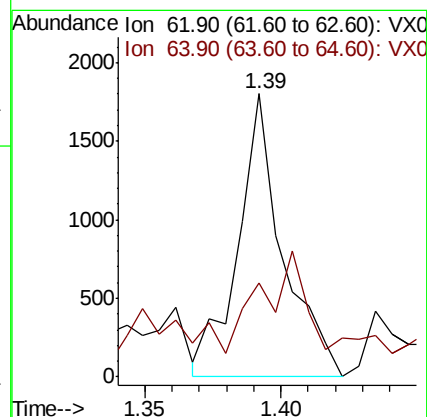
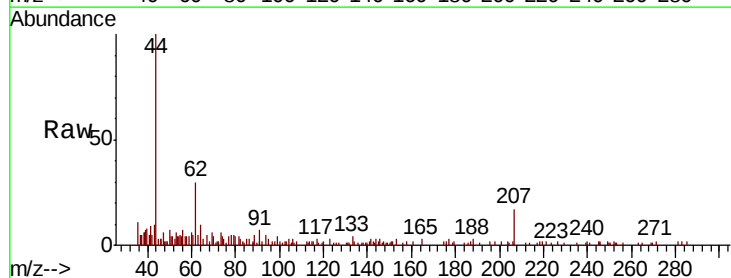
Acq: 23 Jul 2020 19:24

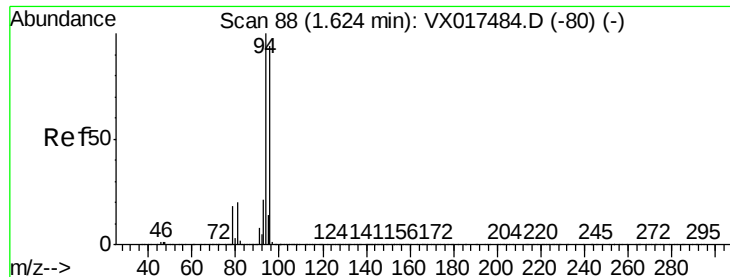
Tgt Ion: 62 Resp: 2048

Ion Ratio Lower Upper

62 100

64 21.5 25.2 37.8#





#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 91

Delta R.T. 0.02 min

Lab File: VX017503.D

Acq: 23 Jul 2020 19:24

Instrument :

MSVOA_X

ClientSampleId :

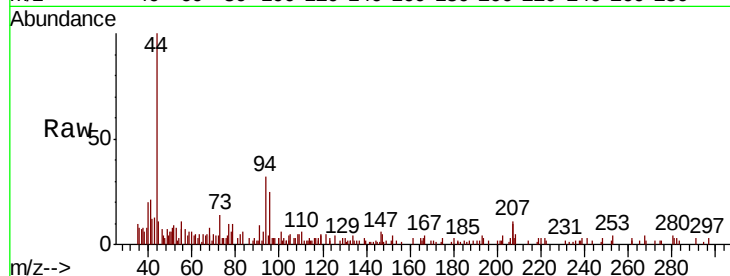
KY038PS027-200720

Tot Ion: 94 Resp: 1121

Ion Ratio Lower Upper

94 100

96 91.4 74.1 111.1



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

1500

1000

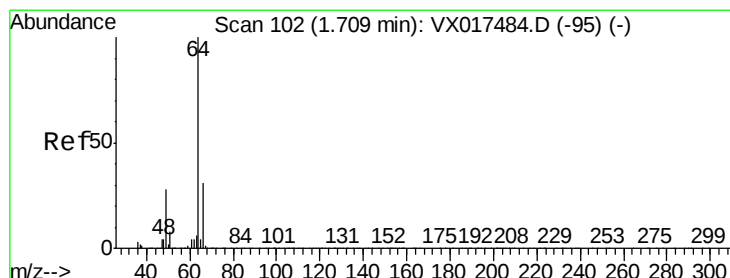
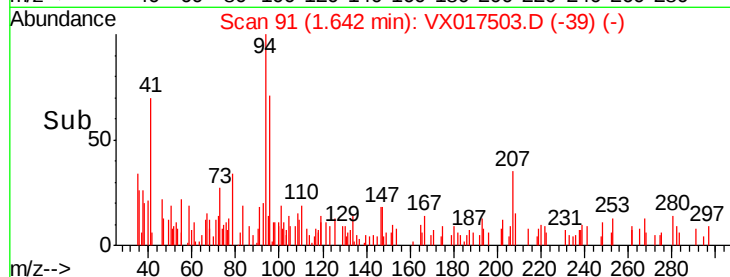
500

0

Time-->

1.60

1.65



#6

Chloroethane

Concen: Below Cal

RT: 1.67 min Scan# 95

Delta R.T. -0.04 min

Lab File: VX017503.D

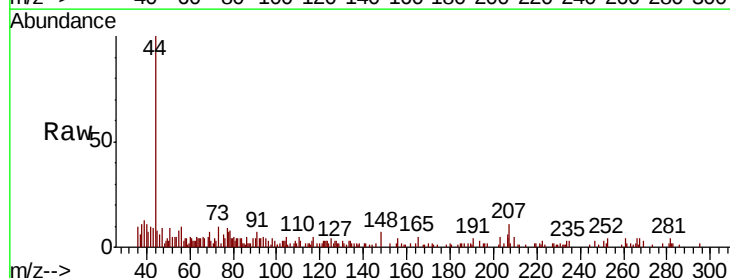
Acq: 23 Jul 2020 19:24

Tgt Ion: 64 Resp: 573

Ion Ratio Lower Upper

64 100

66 2.0 24.9 37.3#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.67

400

300

200

100

0

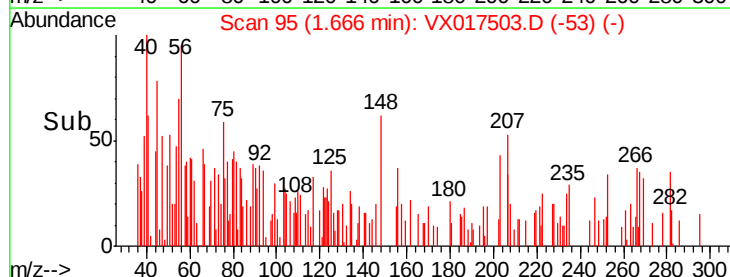
Time-->

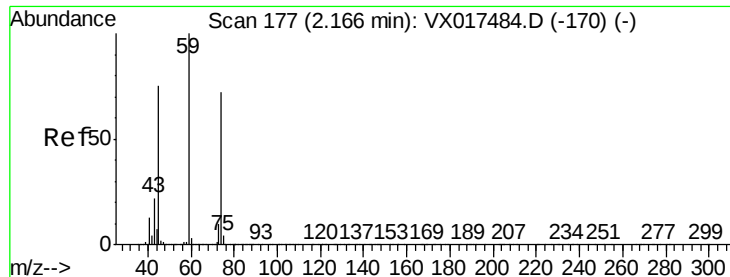
1.64

1.66

1.68

1.70





#8

Diethyl Ether

Concen: Below Cal

RT: 2.19 min Scan# 181

Delta R.T. 0.02 min

Lab File: VX017503.D

Acq: 23 Jul 2020 19:24

Instrument :

MSVOA_X

ClientSampleId :

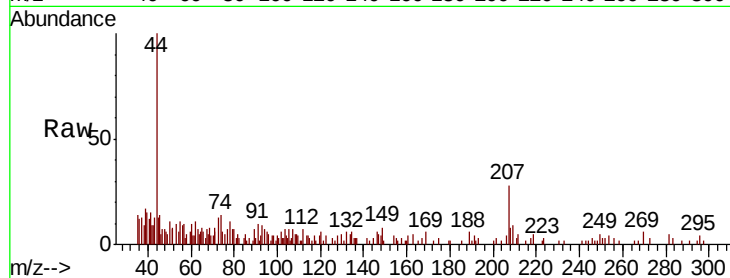
KY038PS027-200720

Tot Ion: 74 Resp: 603

Ion Ratio Lower Upper

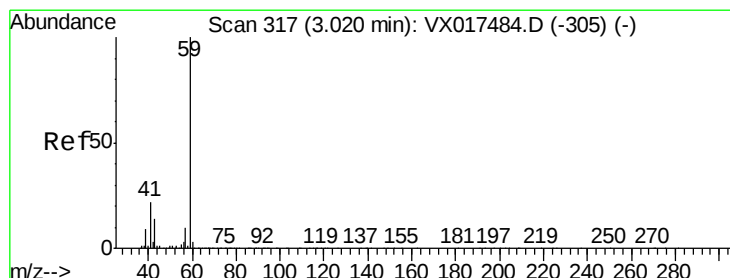
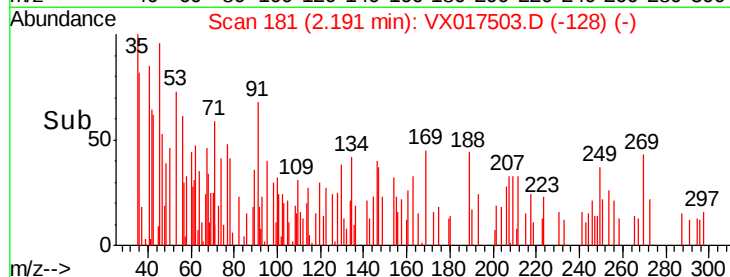
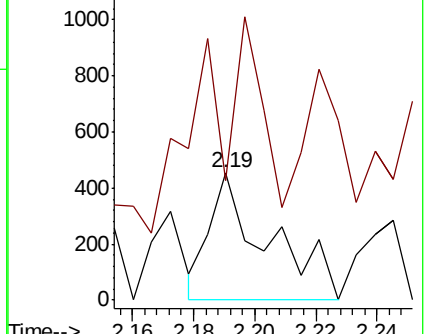
74 100

45 92.2 50.8 152.5



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



#11

Tert butyl alcohol

Concen: 1.230 ug/l

RT: 3.02 min Scan# 317

Delta R.T. -0.00 min

Lab File: VX017503.D

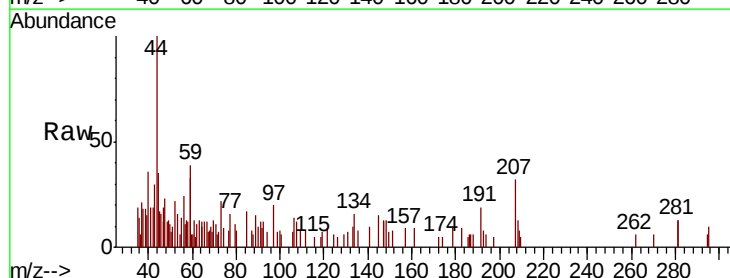
Acq: 23 Jul 2020 19:24

Tgt Ion: 59 Resp: 1502

Ion Ratio Lower Upper

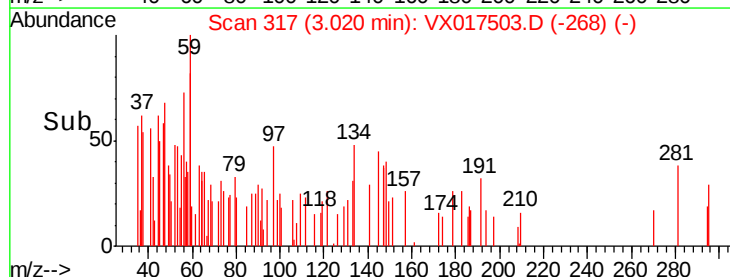
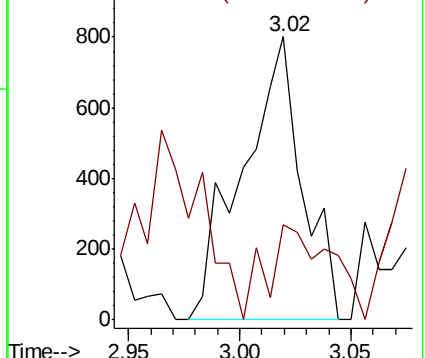
59 100

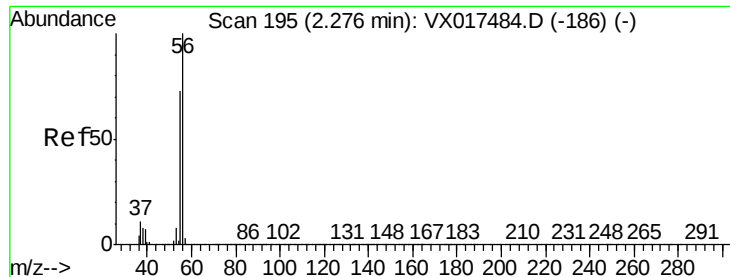
57 35.4 8.6 12.8#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#13

Acrolein

Concen: 6.278 ug/l

RT: 2.26 min Scan# 193

Delta R.T. -0.01 min

Lab File: VX017503.D

Acq: 23 Jul 2020 19:24

Instrument :

MSVOA_X

ClientSampleId :

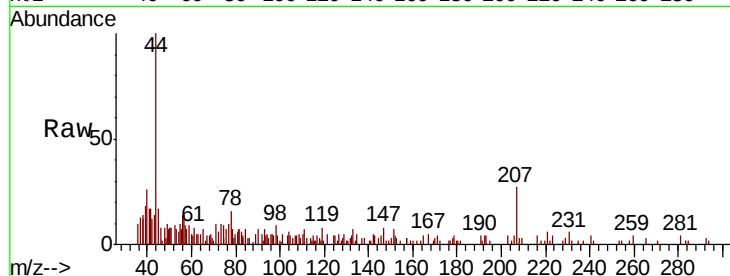
KY038PS027-200720

Tot Ion: 56 Resp: 2019

Ion Ratio Lower Upper

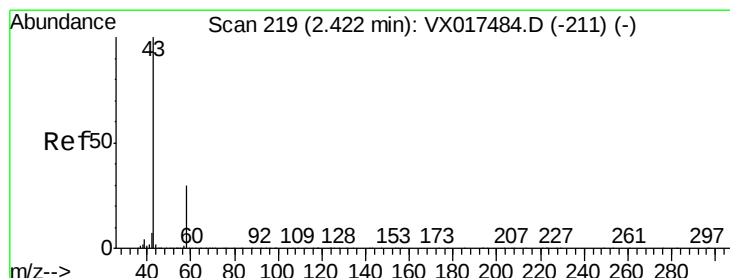
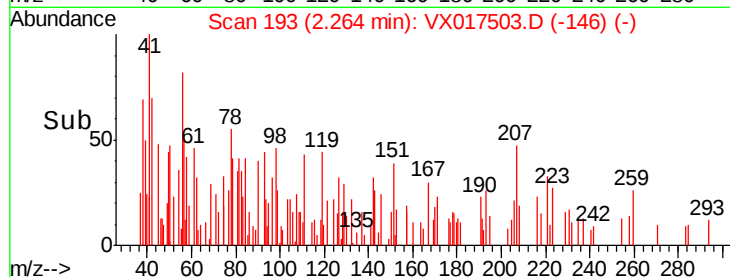
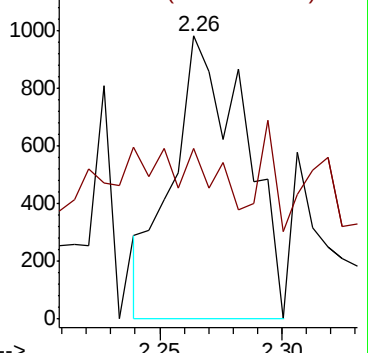
56 100

55 0.0 57.4 86.2#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#16

Acetone

Concen: 2.343 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX017503.D

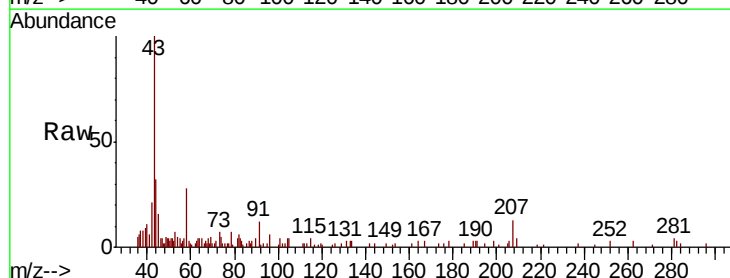
Acq: 23 Jul 2020 19:24

Tgt Ion: 43 Resp: 5976

Ion Ratio Lower Upper

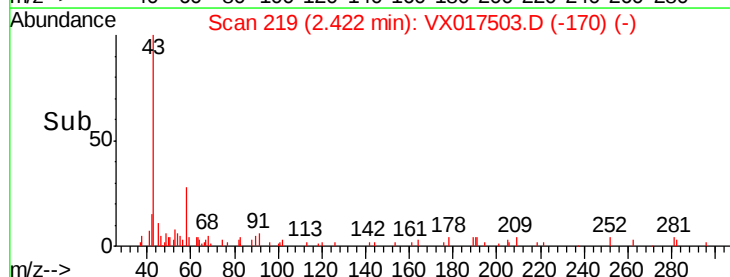
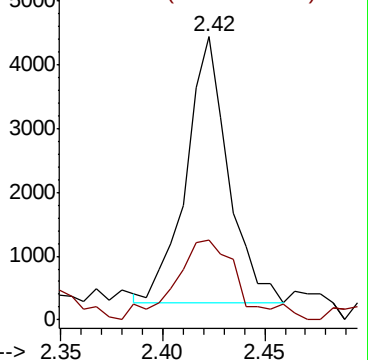
43 100

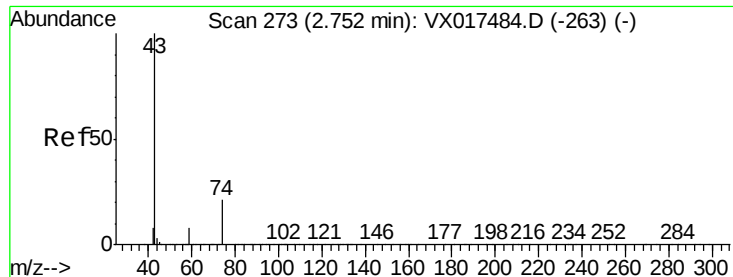
58 24.3 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

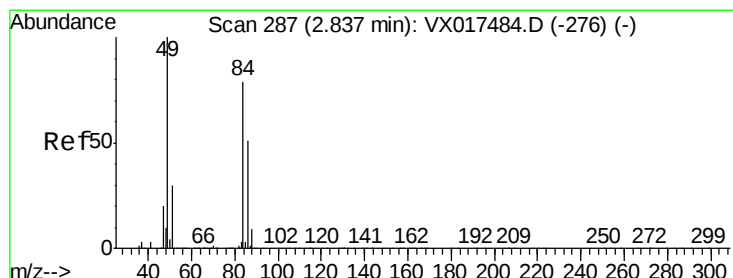
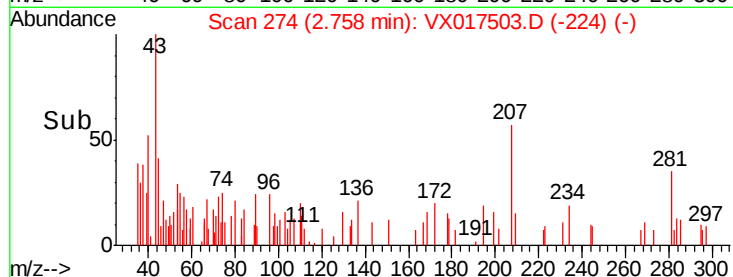
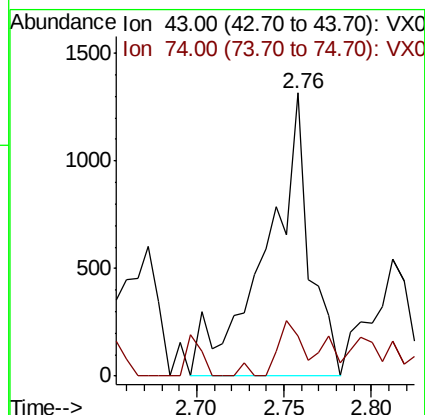
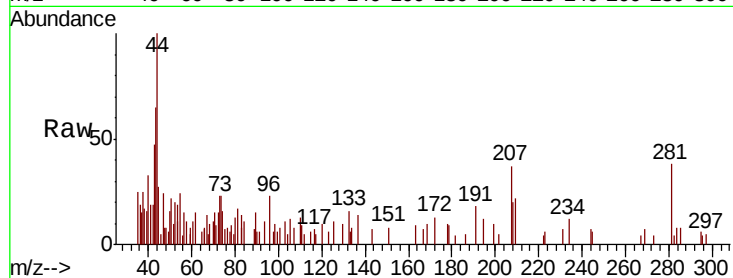




#18
Methyl Acetate
Concen: 0.373 ug/l
RT: 2.76 min Scan# 274
Delta R.T. 0.01 min
Lab File: VX017503.D
Acq: 23 Jul 2020 19:24

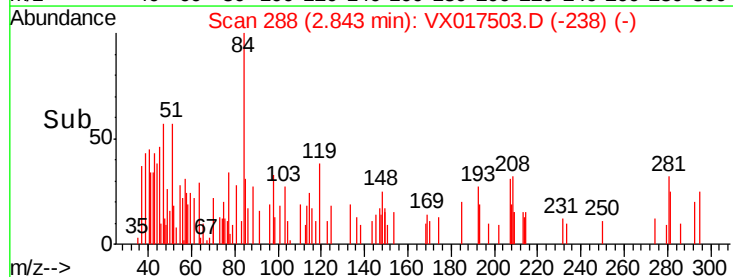
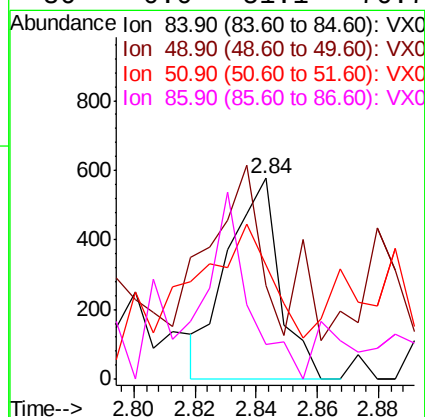
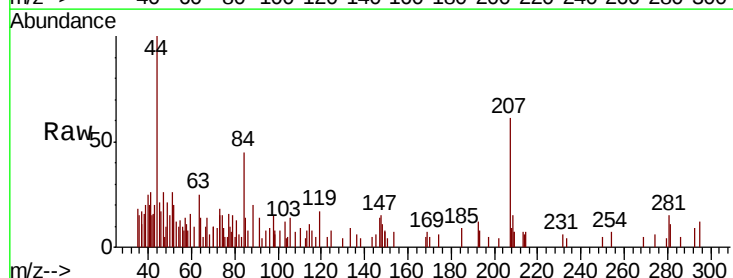
Instrument :
MSVOA_X
ClientSampleId :
KY038PS027-200720

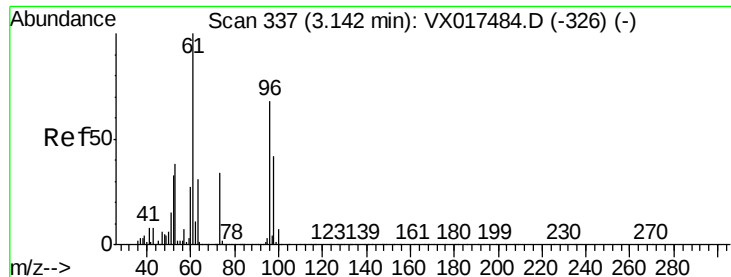
Tot Ion: 43 Resp: 2240
Ion Ratio Lower Upper
43 100
74 10.4 17.5 26.3#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.84 min Scan# 288
Delta R.T. 0.01 min
Lab File: VX017503.D
Acq: 23 Jul 2020 19:24

Tgt Ion: 84 Resp: 675
Ion Ratio Lower Upper
84 100
49 12.3 100.3 150.5#
51 8.2 30.5 45.7#
86 0.0 51.1 76.7#





#21

trans-1,2-Dichloroethene

Concen: 0.988 ug/l

RT: 3.15 min Scan# 338

Delta R.T. 0.01 min

Lab File: VX017503.D

Acq: 23 Jul 2020 19:24

Instrument :

MSVOA_X

ClientSampleId :

KY038PS027-200720

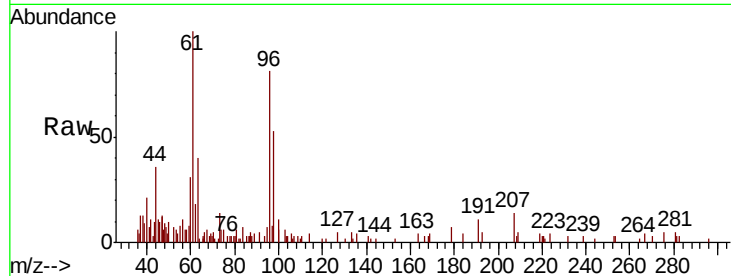
Tot Ion: 96 Resp: 4931

Ion Ratio Lower Upper

96 100

61 121.8 113.0 169.4

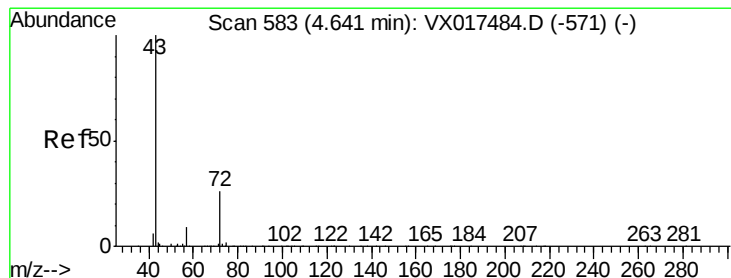
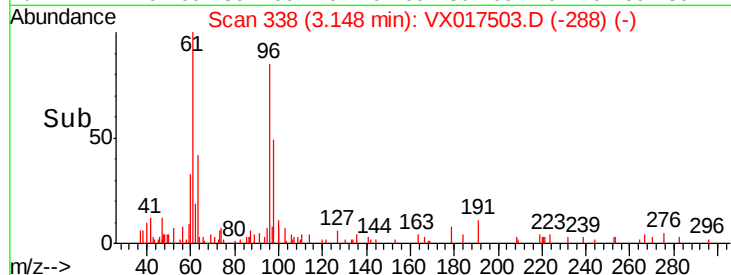
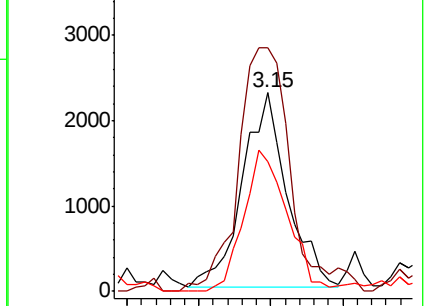
98 66.7 51.8 77.8



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



#25

2-Butanone

Concen: 0.270 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX017503.D

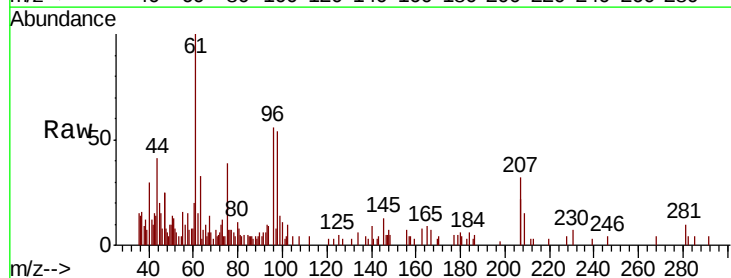
Acq: 23 Jul 2020 19:24

Tgt Ion: 43 Resp: 980

Ion Ratio Lower Upper

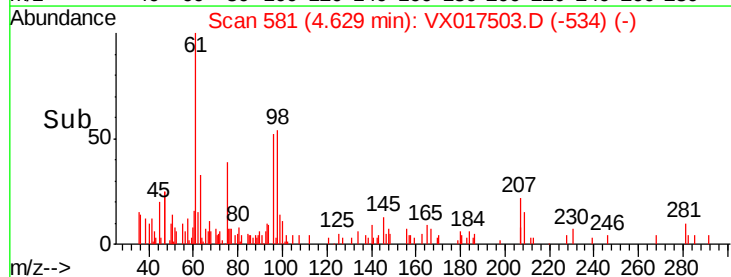
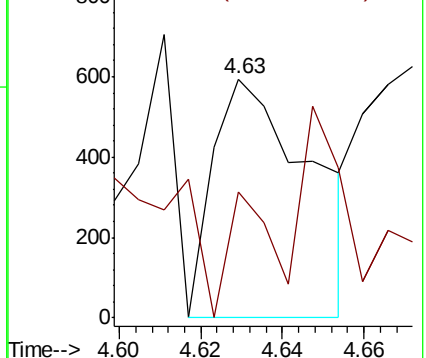
43 100

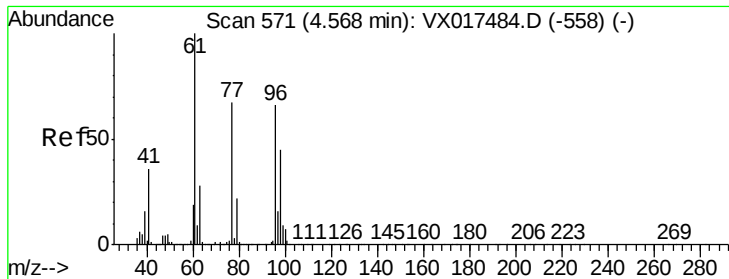
72 0.0 19.0 28.4#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0





#27

cis-1,2-Dichloroethene

Concen: 49.566 ug/l

RT: 4.56 min Scan# 570

Delta R.T. -0.01 min

Lab File: VX017503.D

Acq: 23 Jul 2020 19:24

Instrument :

MSVOA_X

ClientSampleId :

KY038PS027-200720

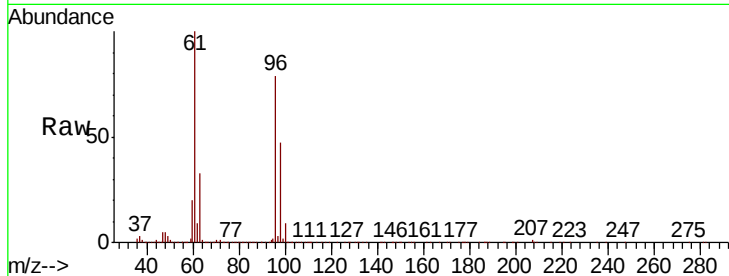
Tot Ion: 96 Resp: 268743

Ion Ratio Lower Upper

96 100

61 131.0 0.0 301.2

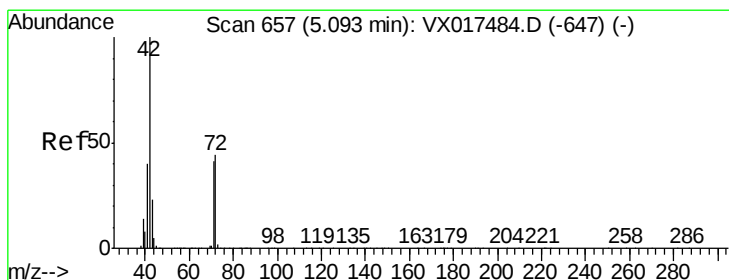
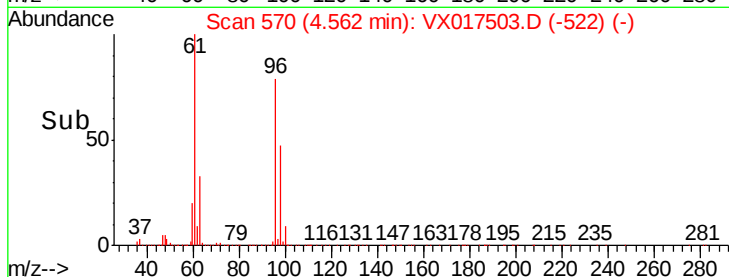
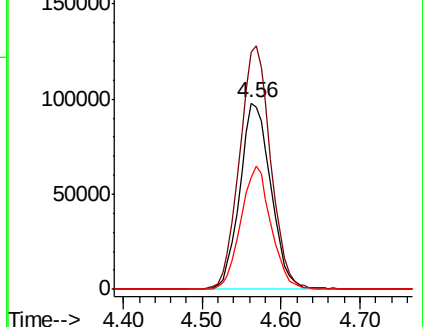
98 64.5 0.0 130.0



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



#29

Tetrahydrofuran

Concen: 0.273 ug/l

RT: 5.11 min Scan# 660

Delta R.T. 0.02 min

Lab File: VX017503.D

Acq: 23 Jul 2020 19:24

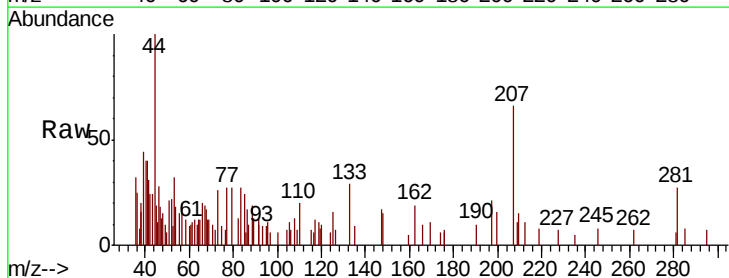
Tgt Ion: 42 Resp: 612

Ion Ratio Lower Upper

42 100

72 0.0 35.5 53.3#

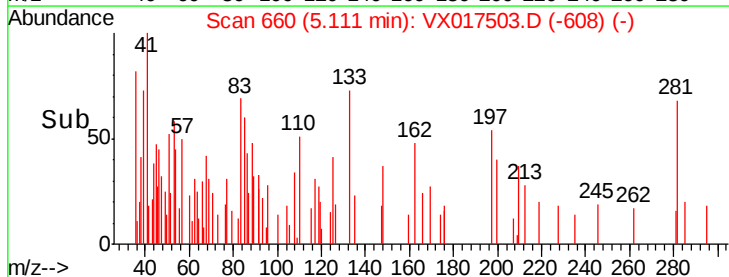
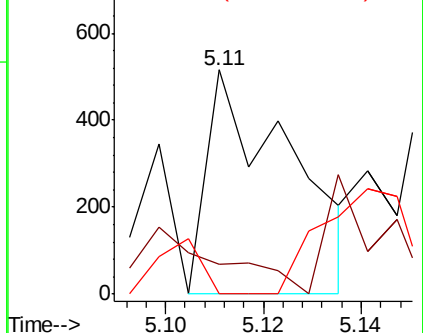
71 12.7 33.0 49.4#

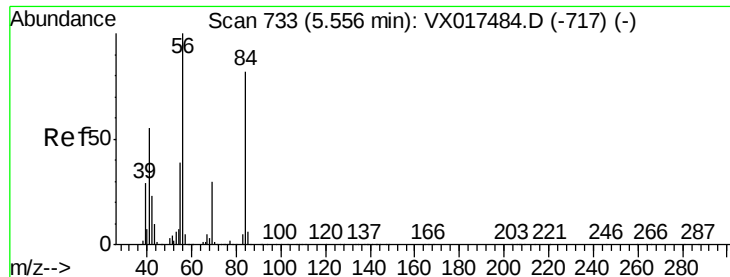


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

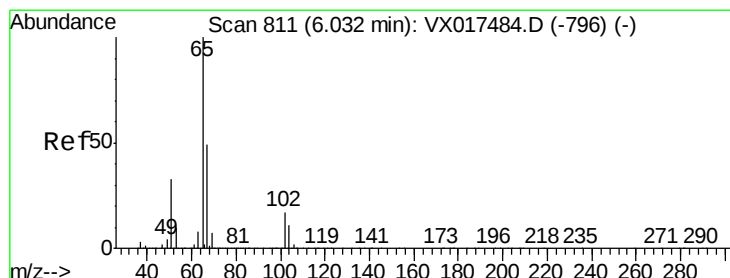
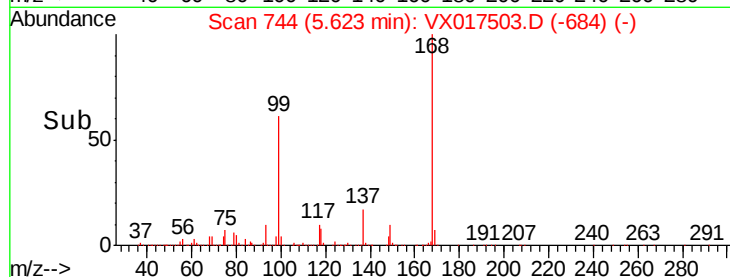
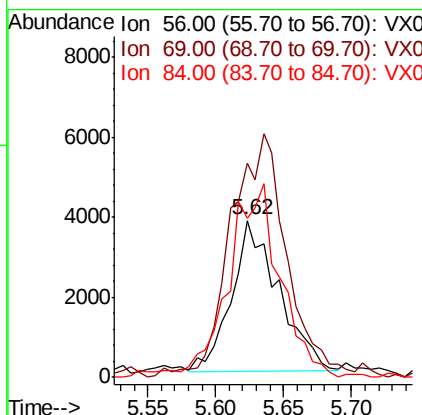
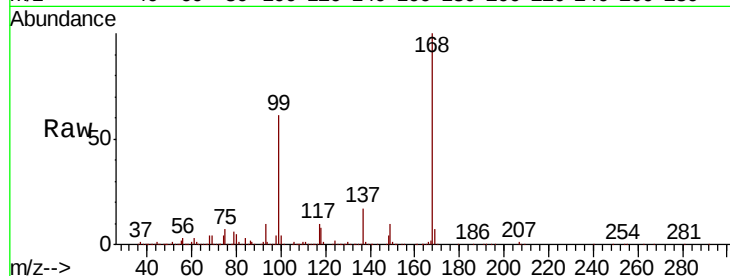




#31
Cyclohexane
Concen: 1.277 ug/l
RT: 5.62 min Scan# 744
Delta R.T. 0.07 min
Lab File: VX017503.D
Acq: 23 Jul 2020 19:24

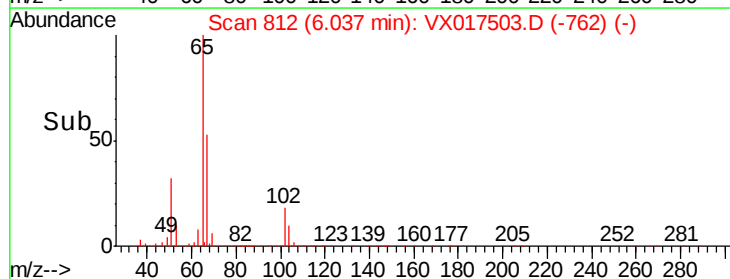
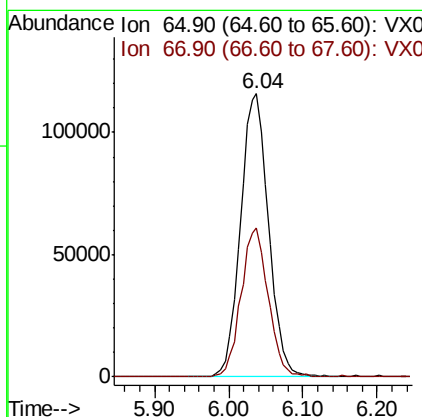
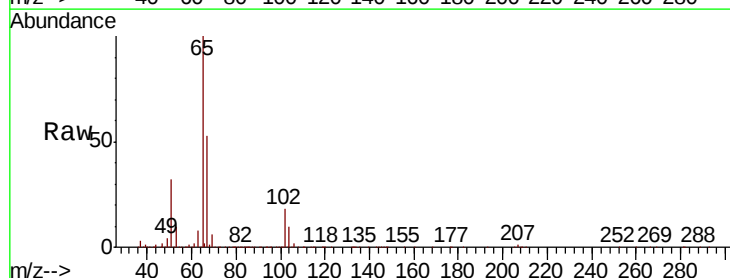
Instrument :
MSVOA_X
ClientSampleId :
KY038PS027-200720

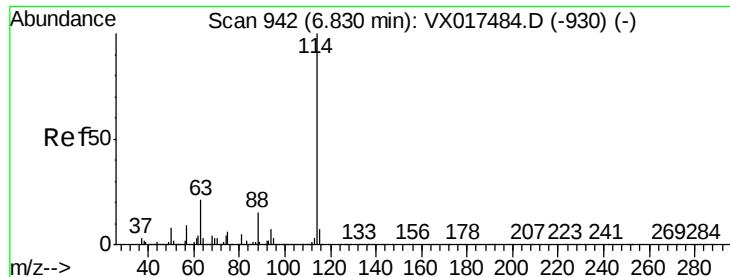
Tot Ion: 56 Resp: 9123
Ion Ratio Lower Upper
56 100
69 137.7 24.2 36.4#
84 105.9 69.0 103.6#



#33
1,2-Dichloroethane-d4
Concen: 52.885 ug/l
RT: 6.04 min Scan# 812
Delta R.T. 0.01 min
Lab File: VX017503.D
Acq: 23 Jul 2020 19:24

Tgt Ion: 65 Resp: 306468
Ion Ratio Lower Upper
65 100
67 51.3 0.0 102.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017503.D

Acq: 23 Jul 2020 19:24

Instrument :

MSVOA_X

ClientSampleId :

KY038PS027-200720

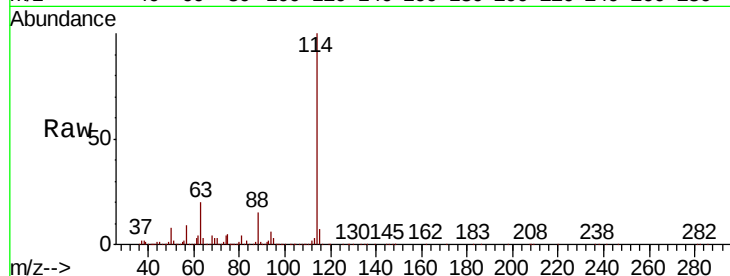
Tot Ion:114 Resp: 758853

Ion Ratio Lower Upper

114 100

63 19.5 0.0 40.6

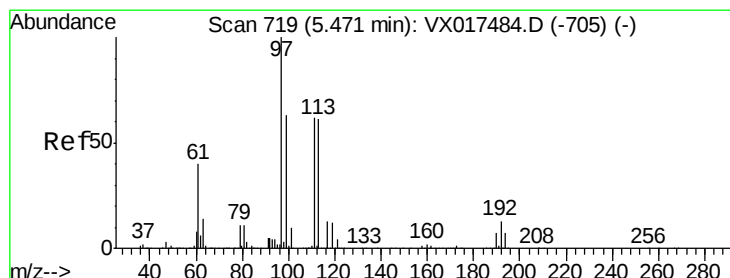
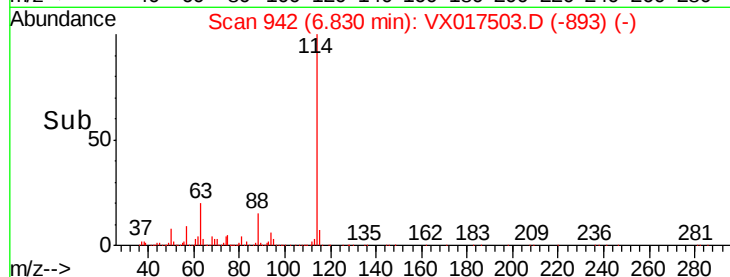
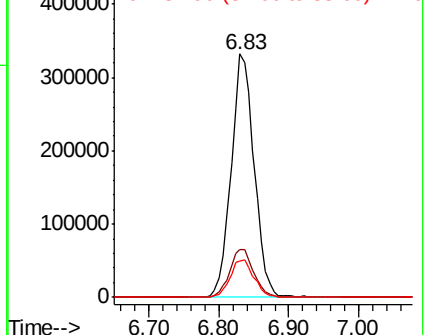
88 14.9 0.0 33.4



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: 50.653 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX017503.D

Acq: 23 Jul 2020 19:24

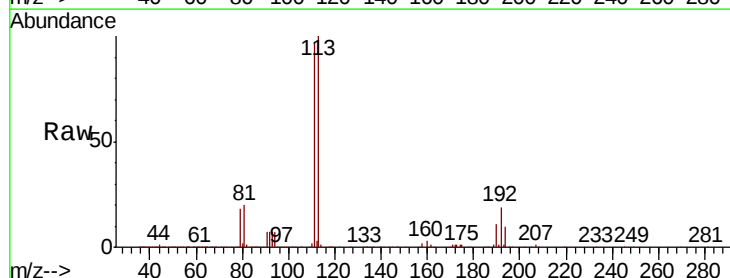
Tgt Ion:113 Resp: 257078

Ion Ratio Lower Upper

113 100

111 101.5 80.7 121.1

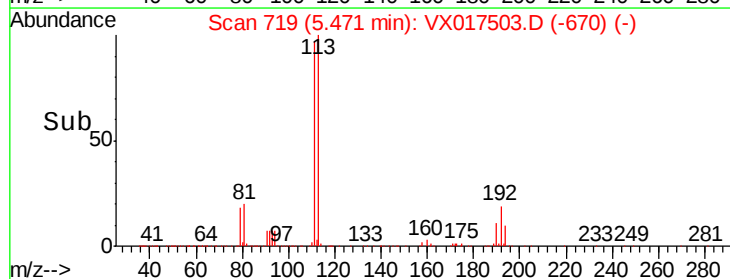
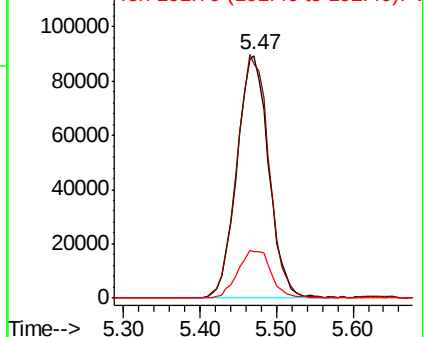
192 20.7 16.9 25.3

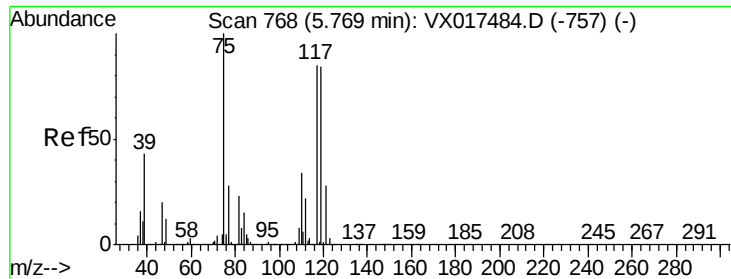


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.633 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.14 min

Lab File: VX017503.D

Acq: 23 Jul 2020 19:24

Instrument :

MSVOA_X

ClientSampleId :

KY038PS027-200720

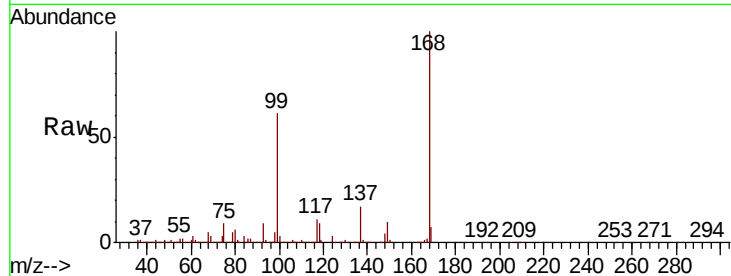
Tot Ion: 75 Resp: 33717

Ion Ratio Lower Upper

75 100

110 11.9 18.1 54.3#

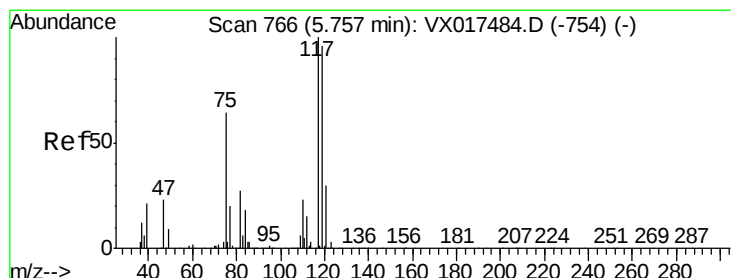
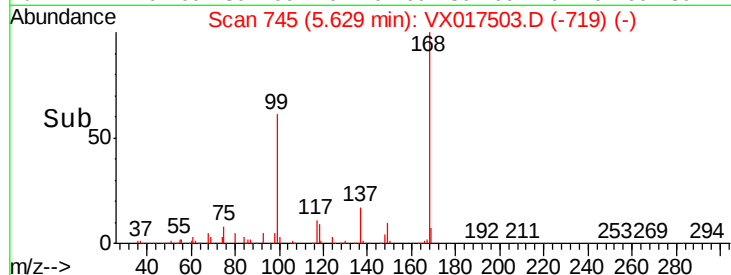
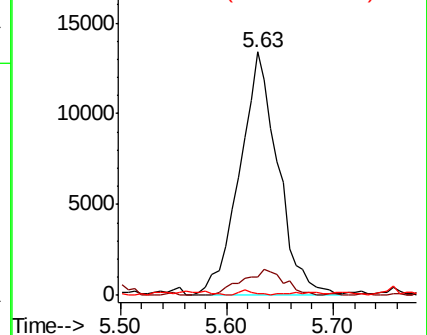
77 0.9 24.6 37.0#



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: 5.319 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.12 min

Lab File: VX017503.D

Acq: 23 Jul 2020 19:24

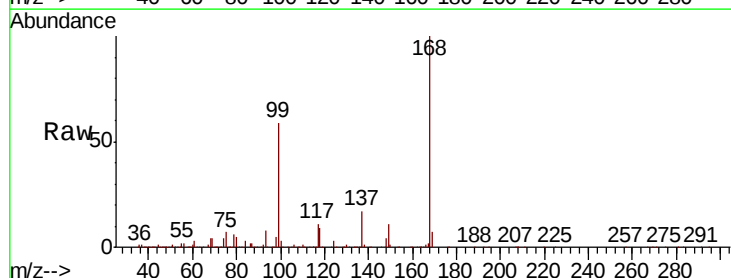
Tgt Ion: 117 Resp: 47009

Ion Ratio Lower Upper

117 100

119 3.8 75.4 113.0#

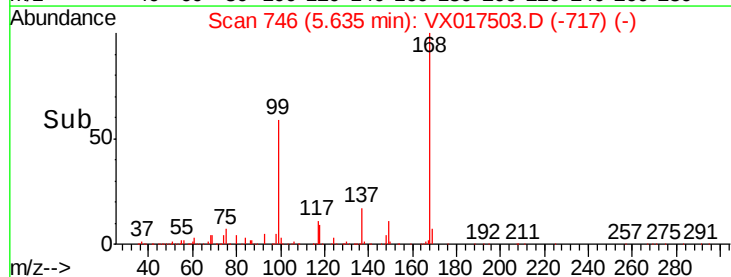
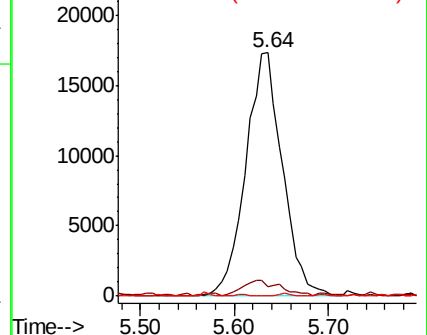
121 0.0 24.3 36.5#

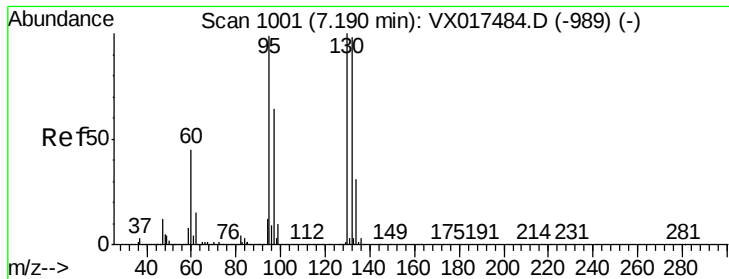


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#44

Trichloroethene

Concen: 1.261 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. -0.01 min

Lab File: VX017503.D

Acq: 23 Jul 2020 19:24

Instrument :

MSVOA_X

ClientSampleId :

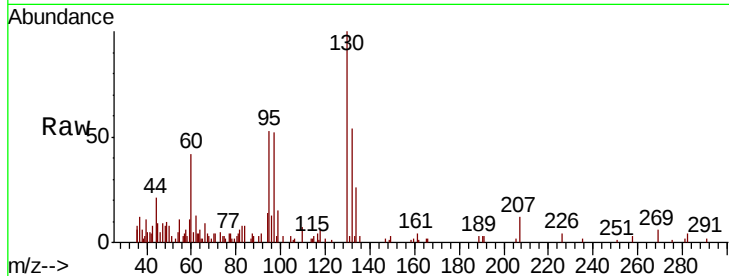
KY038PS027-200720

Tot Ion:130 Resp: 7690

Ion Ratio Lower Upper

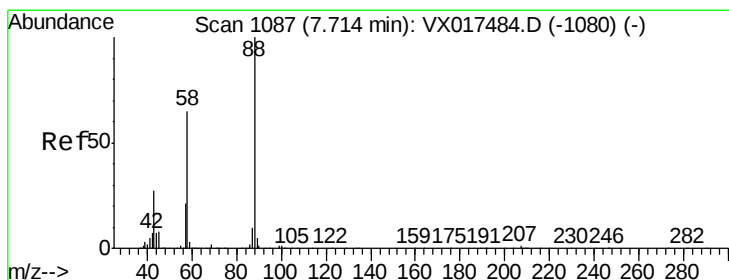
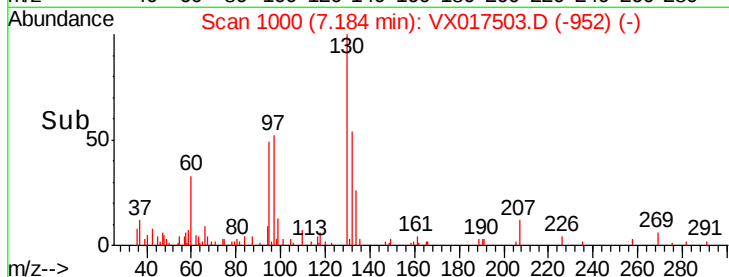
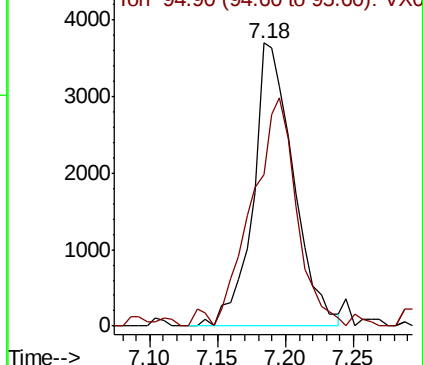
130 100

95 53.4 0.0 189.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#49

1,4-Dioxane

Concen: 1.530 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX017503.D

Acq: 23 Jul 2020 19:24

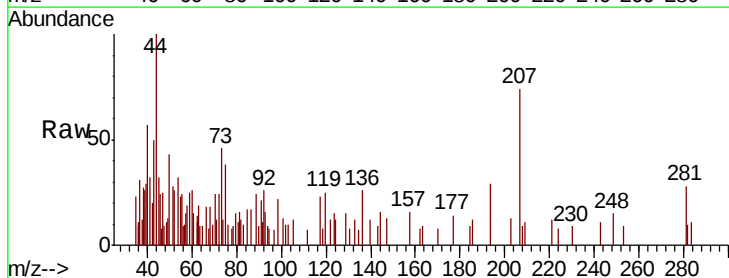
Tgt Ion: 88 Resp: 191

Ion Ratio Lower Upper

88 100

43 68.6 27.8 41.6#

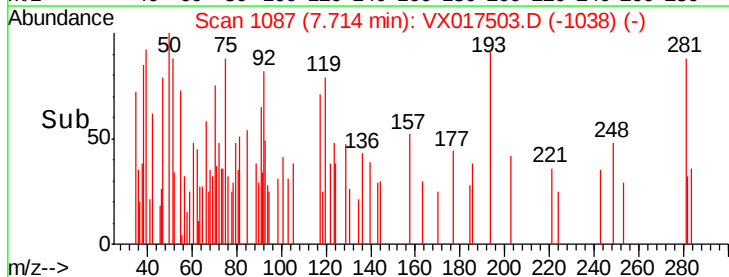
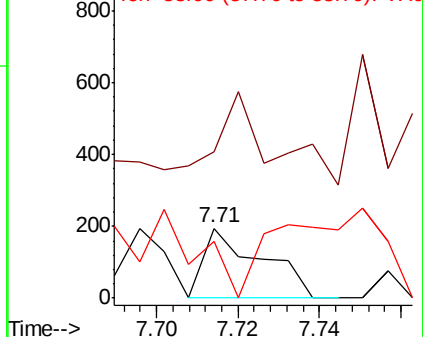
58 153.4 58.3 87.5#

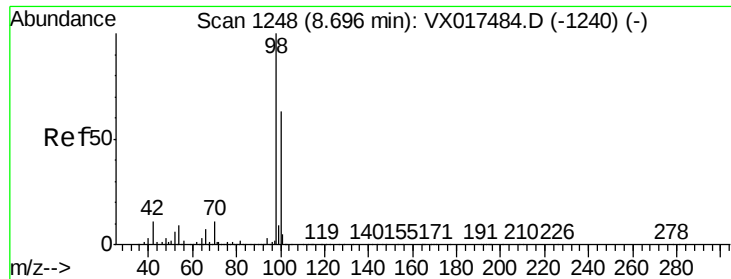


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 48.154 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017503.D

Acq: 23 Jul 2020 19:24

Instrument :

MSVOA_X

ClientSampleId :

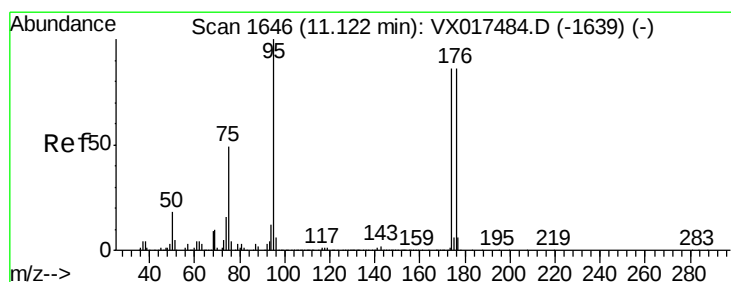
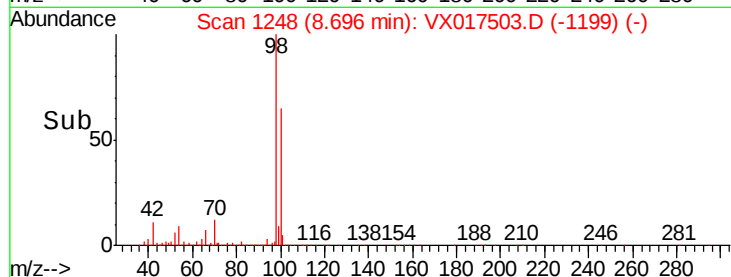
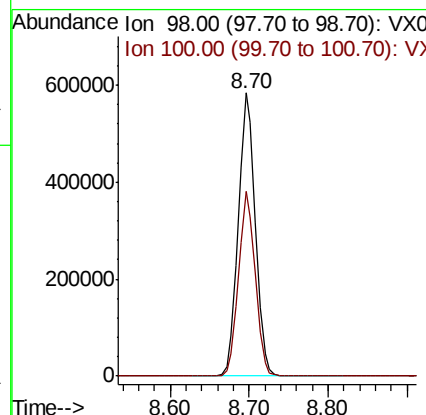
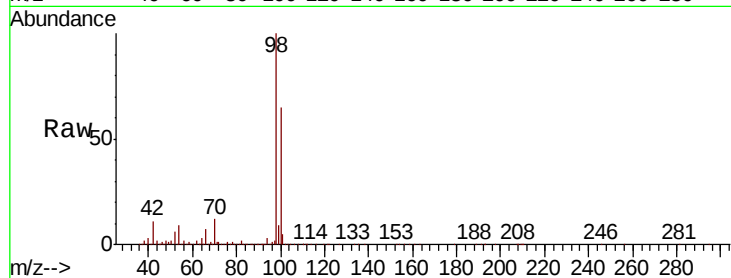
KY038PS027-200720

Tot Ion: 98 Resp: 881649

Ion Ratio Lower Upper

98 100

100 63.8 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 57.673 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017503.D

Acq: 23 Jul 2020 19:24

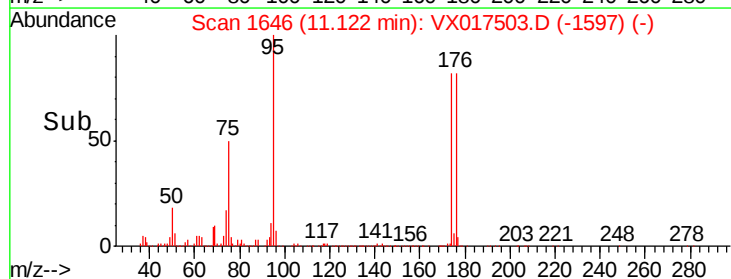
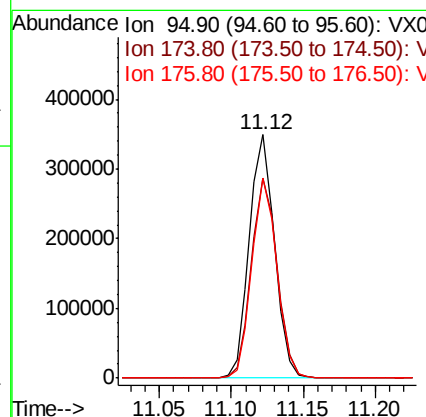
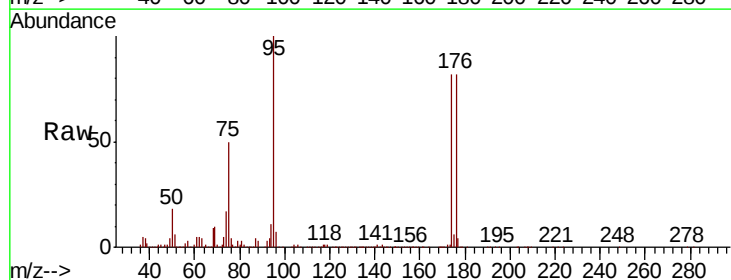
Tgt Ion: 95 Resp: 422584

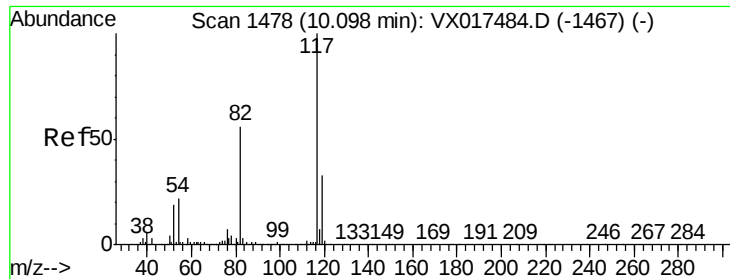
Ion Ratio Lower Upper

95 100

174 83.9 0.0 169.0

176 81.5 0.0 161.0

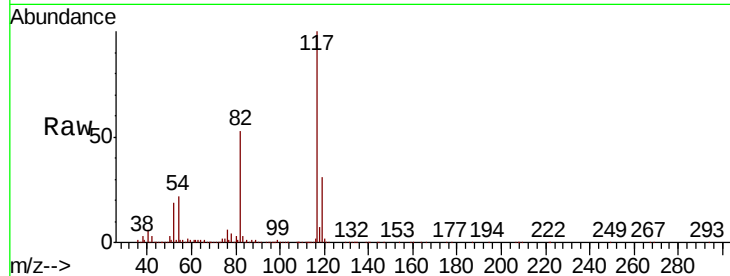




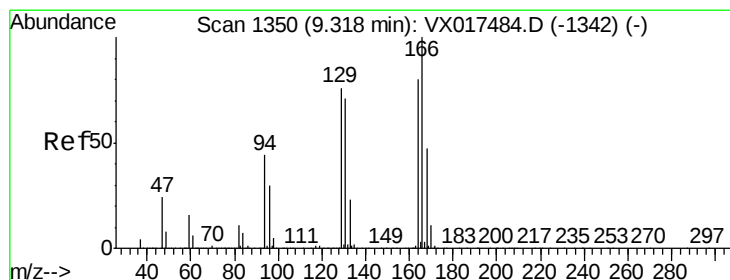
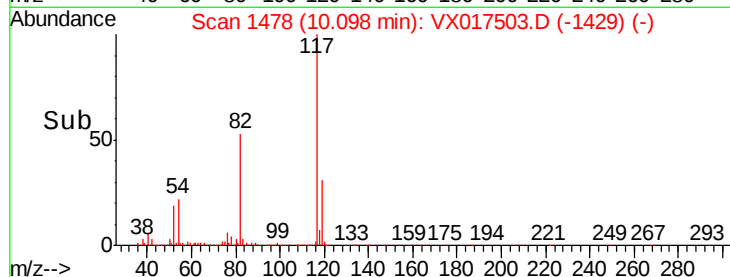
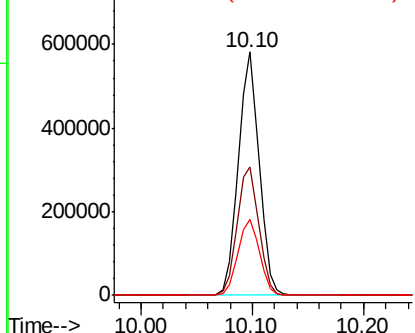
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017503.D
Acq: 23 Jul 2020 19:24

Instrument :
MSVOA_X
ClientSampleId :
KY038PS027-200720

Tot Ion:117 Resp: 754538
Ion Ratio Lower Upper
117 100
82 52.8 44.0 66.0
119 31.4 25.4 38.0

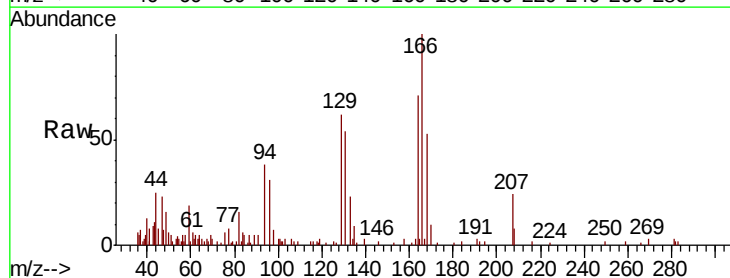


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

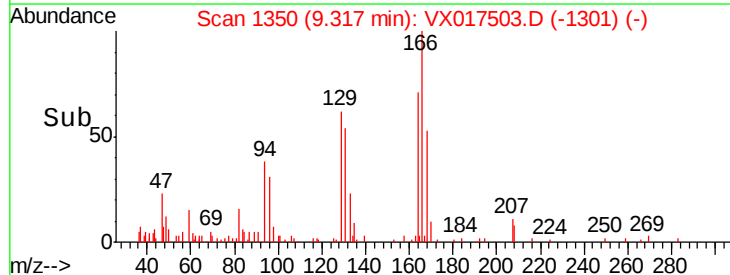
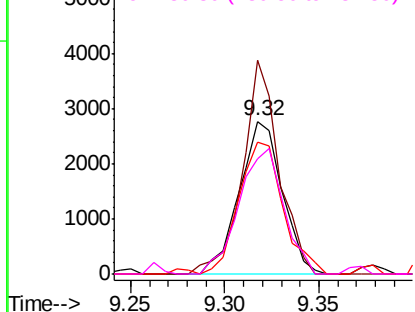


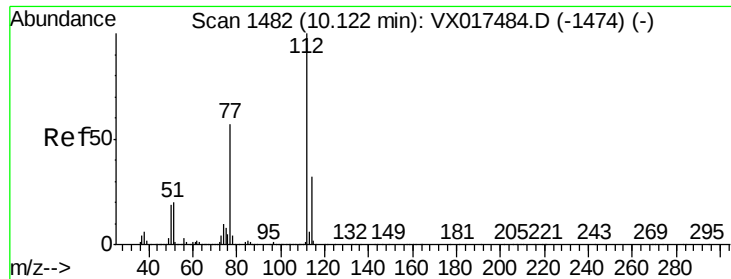
#64
Tetrachloroethene
Concen: 0.647 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017503.D
Acq: 23 Jul 2020 19:24

Tgt Ion:164 Resp: 4381
Ion Ratio Lower Upper
164 100
166 139.9 100.6 150.8
129 86.7 75.0 112.6
131 75.7 75.2 112.8



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 0.981 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX017503.D

Acq: 23 Jul 2020 19:24

Instrument :

MSVOA_X

ClientSampleId :

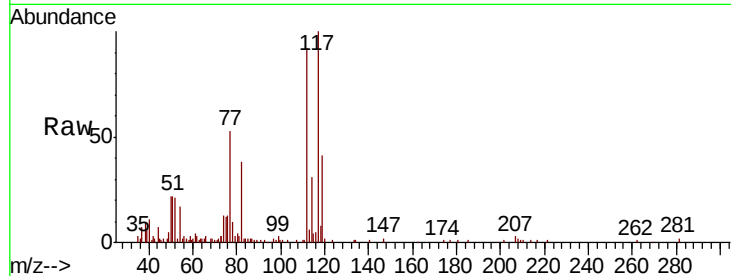
KY038PS027-200720

Tot Ion:112 Resp: 16023

Ion Ratio Lower Upper

112 100

114 33.4 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

12000

10000

8000

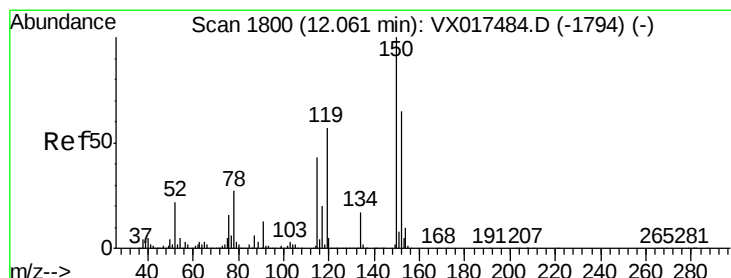
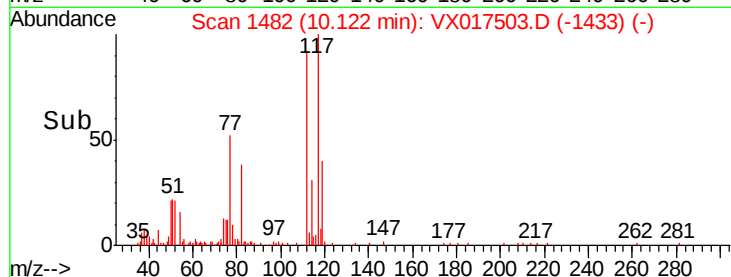
6000

4000

2000

0

Time--> 10.05 10.10 10.15



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017503.D

Acq: 23 Jul 2020 19:24

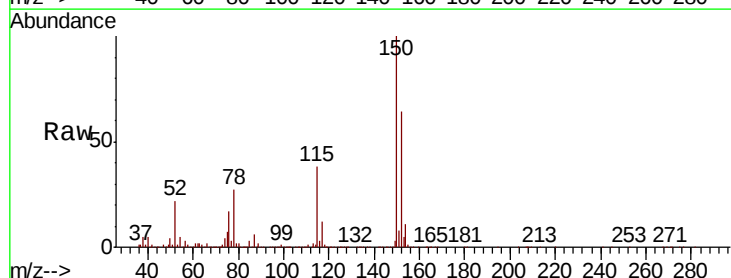
Tgt Ion:152 Resp: 418014

Ion Ratio Lower Upper

152 100

115 57.5 65.5 196.6#

150 153.7 0.0 412.6



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

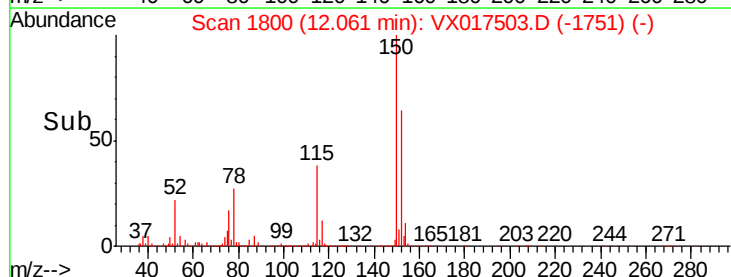
600000

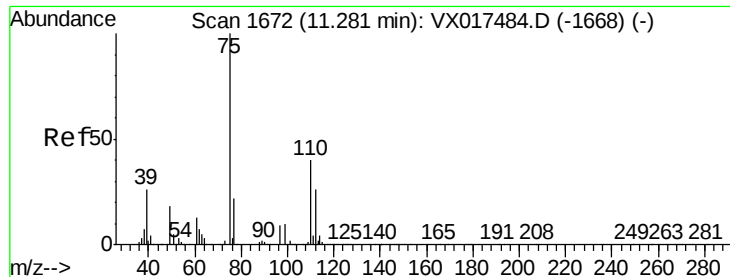
400000

200000

0

Time--> 12.00 12.05 12.10 12.15





#76

1,2,3-Trichloropropane

Concen: 24.891 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX017503.D

Acq: 23 Jul 2020 19:24

Instrument :

MSVOA_X

ClientSampleId :

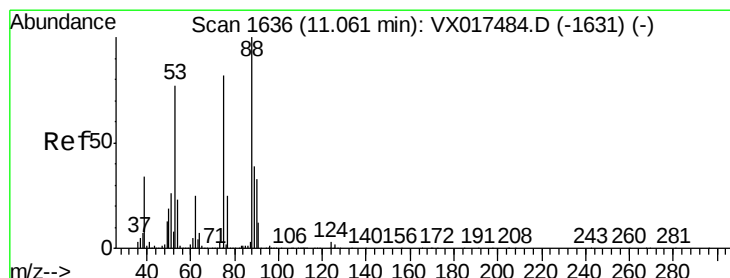
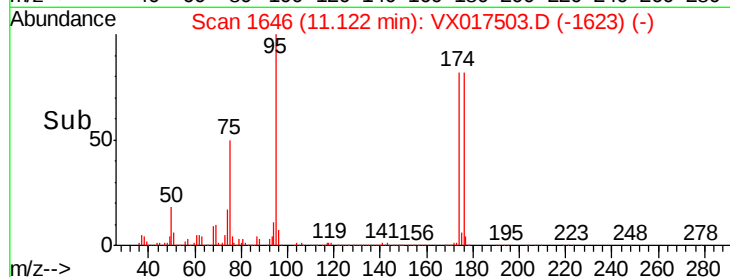
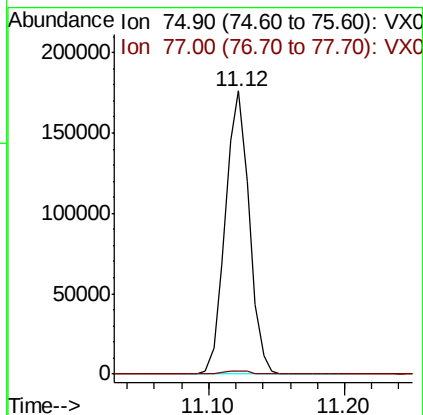
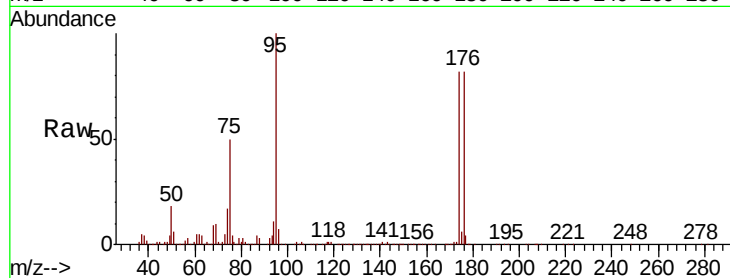
KY038PS027-200720

Tot Ion: 75 Resp: 214035

Ion Ratio Lower Upper

75 100

77 1.4 21.8 65.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 62.721 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.06 min

Lab File: VX017503.D

Acq: 23 Jul 2020 19:24

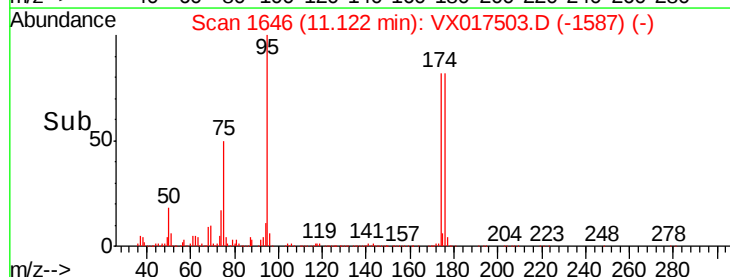
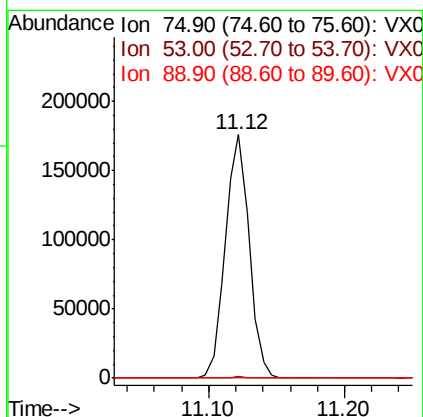
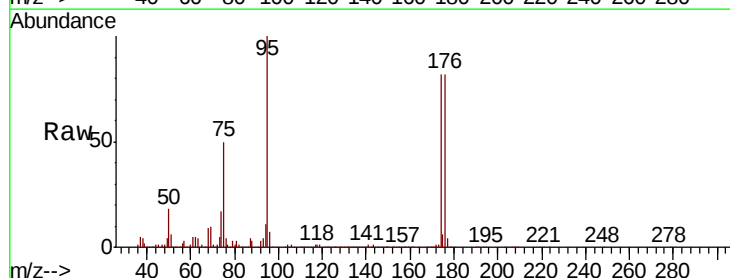
Tgt Ion: 75 Resp: 214035

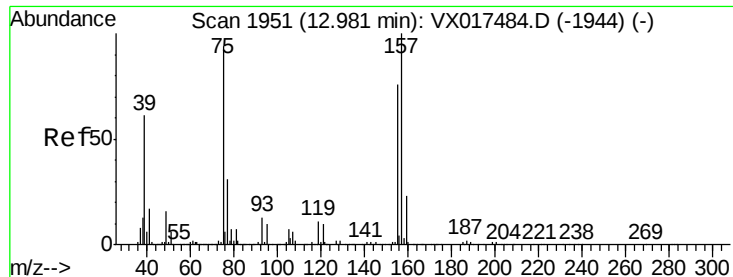
Ion Ratio Lower Upper

75 100

53 0.5 75.9 113.9#

89 0.1 37.8 56.6#





#92

1,2-Dibromo-3-Chloropropane

Concen: 2.607 ug/l

RT: 12.81 min Scan# 1923

Delta R.T. -0.17 min

Lab File: VX017503.D

Acq: 23 Jul 2020 19:24

Instrument :

MSVOA_X

ClientSampleId :

KY038PS027-200720

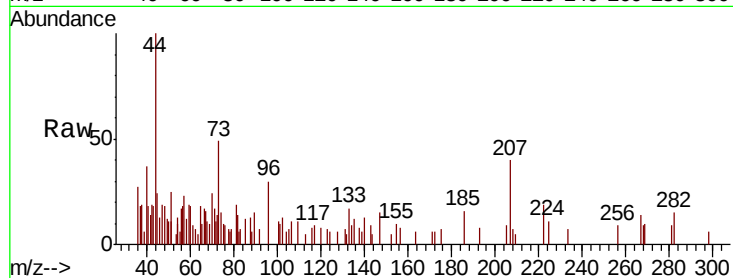
Tot Ion: 75 Resp: 82

Ion Ratio Lower Upper

75 100

155 75.6 42.3 126.8

157 114.6 54.3 162.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

