

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY062220\
 Data File : VY002978.D
 Acq On : 22 Jun 2020 16:57
 Operator : SY/MD
 Sample : L3071-03
 Misc : 7.71G/5ML/MSVOA Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-A

Quant Time: Jun 23 08:15:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y061920S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 20 06:39:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.84	168	40761	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.71	114	13166	50.00	ug/l	0.02
63) Chlorobenzene-d5	11.53	117	85743	50.00	ug/l	0.04
72) 1,4-Dichlorobenzene-d4	13.44	152	56394	50.00	ug/l	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.21	65	43410	128.94	ug/l	0.06
Spiked Amount			Recovery	=	257.88%	
35) Dibromofluoromethane	7.74	113	21680	291.02	ug/l	0.02
Spiked Amount			Recovery	=	582.04%	
50) Toluene-d8	10.22	98	3484580	11863.04	ug/l	0.04
Spiked Amount			Recovery	=	23726.08%	
62) 4-Bromofluorobenzene	12.48	95	471265	4625.24	ug/l	0.00
Spiked Amount			Recovery	=	9250.48%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	83060	281.515	ug/l #	70
6) Chloroethane	3.03	64	367	1.791	ug/l #	41
8) Diethyl Ether	3.74	74	319	1.554	ug/l #	6
11) Tert butyl alcohol	4.97	59	434	Below Cal	#	74
13) Acrolein	3.69	56	262809	7770.157	ug/l #	15
14) Allyl chloride	4.58	41	373849	762.925	ug/l #	25
16) Acetone	4.09	43	29010103	347893.873	ug/l #	54
17) Carbon Disulfide	4.18	76	4070	4.052	ug/l	97
19) Methyl tert-butyl Ether	5.47	73	1169	1.263	ug/l #	1
20) Methylene Chloride	4.69	84	3638977	10363.130	ug/l #	27
24) 1,1-Dichloroethane	6.13	63	604553	1020.042	ug/l #	80
28) Bromochloromethane	7.57	49	199170	803.755	ug/l #	3
30) Chloroform	7.57	83	10804990	17406.667	ug/l #	17
31) Cyclohexane	8.02	56	58090183	100482.050	ug/l #	57
32) 1,1,1-Trichloroethane	7.53	97	24846	43.439	ug/l #	1
36) 1,1-Dichloropropene	8.21	75	23582	220.546	ug/l #	1
38) Carbon Tetrachloride	7.85	117	375	3.182	ug/l #	20
39) Methylcyclohexane	9.24	83	16108910	114287.822	ug/l #	73
40) Benzene	8.22	78	2480744	7792.821	ug/l	98
42) 1,2-Dichloroethane	8.30	62	2507	28.374	ug/l #	70
44) Trichloroethene	8.98	130	198	2.008	ug/l #	1
46) Dibromomethane	9.32	93	10070	220.304	ug/l #	1
47) Bromodichloromethane	9.61	83	39419425	369379.681	ug/l #	25
48) Methyl methacrylate	9.38	41	24954279	503008.241	ug/l #	26
49) 1,4-Dioxane	9.32	88	256	382.126	ug/l #	27
53) t-1,3-Dichloropropene	10.66	75	46465	400.613	ug/l #	1
54) cis-1,3-Dichloropropene	9.94	75	7644	58.224	ug/l #	1
55) 1,1,2-Trichloroethane	10.69	97	13434751	197087.963	ug/l #	24
56) Ethyl methacrylate	10.50	69	18043310	196360.549	ug/l #	30
57) 1,3-Dichloropropane	10.84	76	1773	15.598	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.85	63	128761	2813.416	ug/l #	43
59) 2-Hexanone	10.86	43	6606539	160386.700	ug/l #	28
60) Dibromochloromethane	10.95	129	97943	1126.653	ug/l #	11
61) 1,2-Dibromoethane	11.11	107	68306	1010.043	ug/l #	1

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY062220\
 Data File : VY002978.D
 Acq On : 22 Jun 2020 16:57
 Operator : SY/MD
 Sample : L3071-03
 Misc : 7.71G/5ML/MSVOA Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

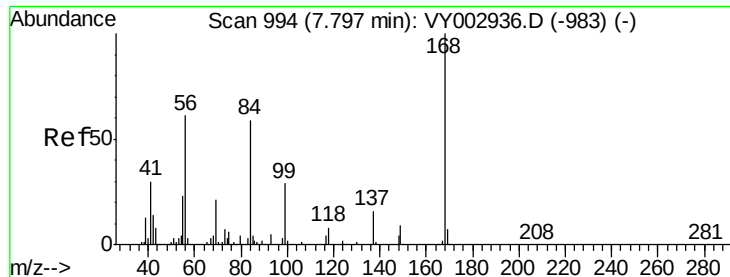
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-A

Quant Time: Jun 23 08:15:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y061920S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 20 06:39:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

64) Tetrachloroethene	10.75	164	1101	1.541	ug/l #	68
65) Chlorobenzene	11.44	112	143989	88.717	ug/l #	57
66) 1,1,1,2-Tetrachloroethane	11.63	131	997	1.625	ug/l #	1
68) m/p-Xylenes	11.70	106	886364	814.761	ug/l #	1
70) Styrene	12.05	104	1857209	1048.199	ug/l #	1
74) N-amyl acetate	12.13	43	2686085	3017.771	ug/l #	54
75) 1,1,2,2-Tetrachloroethane	12.55	83	584864	912.697	ug/l #	62
76) 1,2,3-Trichloropropane	12.69	75	580307	1181.565	ug/l #	100
77) Bromobenzene	12.61	156	13848	15.303	ug/l #	1
78) n-propylbenzene	12.75	91	12401205	3092.699	ug/l	93
79) 2-Chlorotoluene	12.75	91	12401205	5521.707	ug/l #	38
80) 1,3,5-Trimethylbenzene	12.73	105	3263824	1132.763	ug/l #	59
81) trans-1,4-Dichloro-2-buten	12.34	75	789748	3070.012	ug/l #	30
82) 4-Chlorotoluene	12.83	91	5504096	2330.362	ug/l #	39
83) tert-Butylbenzene	13.13	119	8731961	3383.369	ug/l #	26
84) 1,2,4-Trimethylbenzene	13.26	105	6252383	2156.507	ug/l #	30
85) sec-Butylbenzene	13.26	105	6252383	1780.928	ug/l #	42
86) p-Isopropyltoluene	13.38	119	1721731	522.836	ug/l	96
89) n-Butylbenzene	13.70	91	4930031	1656.065	ug/l #	70
90) Hexachloroethane	13.97	117	1186528	1934.419	ug/l #	4
91) 1,2-Dichlorobenzene	13.78	146	1682	1.083	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	14.38	75	5293	44.213	ug/l #	1
95) Naphthalene	15.23	128	4441224	1912.857	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.84 min Scan# 1001

Delta R.T. 0.04 min

Lab File: VY002978.D

Acq: 22 Jun 2020 16:57

Instrument :

MSVOA_Y

ClientSampleId :

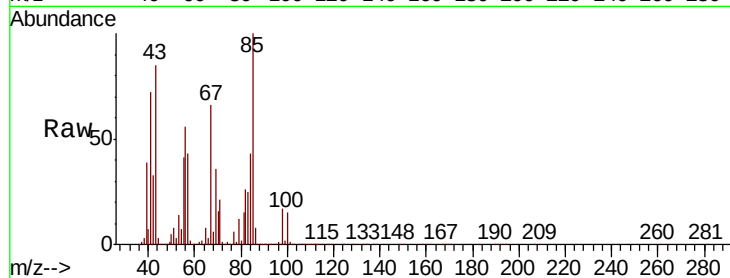
SB-A

Tot Ion:168 Resp: 40761

Ion Ratio Lower Upper

168 100

99 226.8 39.5 59.3#



Abundance Ion 167.90 (167.60 to 168.60): VY002978.D (-13) (-)

Ion 98.90 (98.60 to 99.60): VY002978.D (-13) (-)

120000

100000

80000

60000

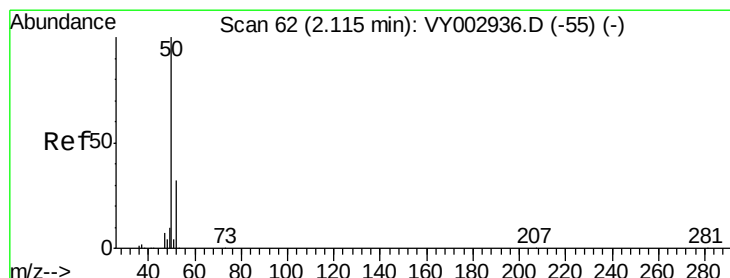
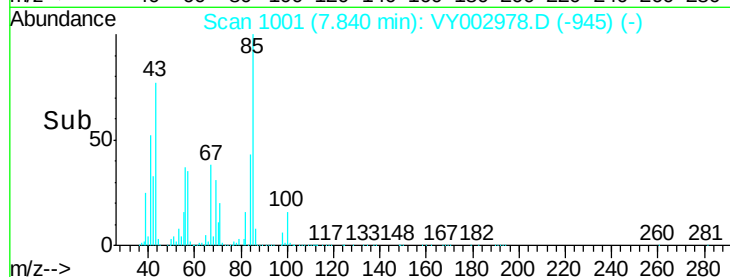
40000

20000

0

7.70 7.75 7.80 7.85

Time-->



#3

Chloromethane

Concen: 281.515 ug/l

RT: 2.06 min Scan# 53

Delta R.T. -0.05 min

Lab File: VY002978.D

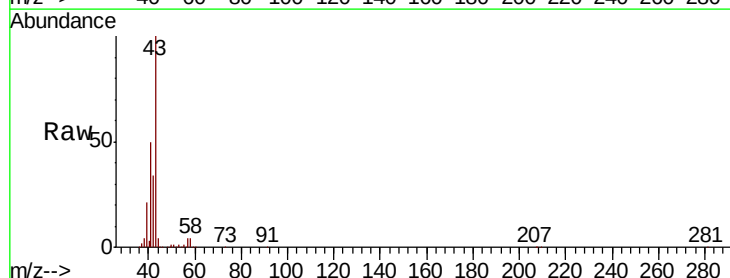
Acq: 22 Jun 2020 16:57

Tgt Ion: 50 Resp: 83060

Ion Ratio Lower Upper

50 100

52 15.6 25.8 38.6#



Abundance Ion 49.90 (49.60 to 50.60): VY002978.D (-13) (-)

Ion 51.90 (51.60 to 52.60): VY002978.D (-13) (-)

150000

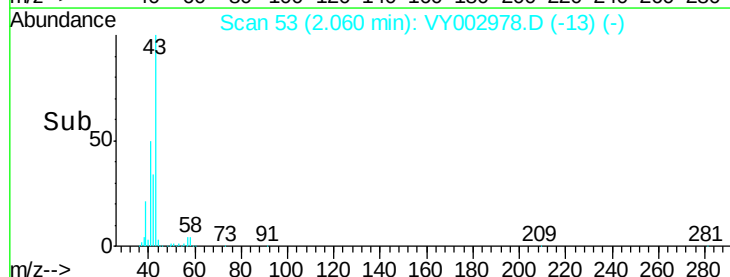
100000

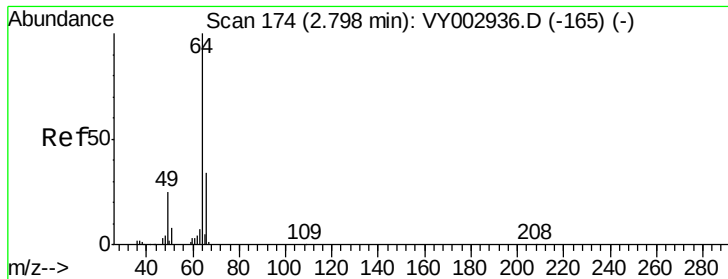
50000

0

2.00 2.10 2.20

Time-->





#6

Chloroethane

Concen: 1.791 ug/l

RT: 3.03 min Scan# 212

Delta R.T. 0.23 min

Lab File: VY002978.D

Acq: 22 Jun 2020 16:57

Instrument :

MSVOA_Y

ClientSampleId :

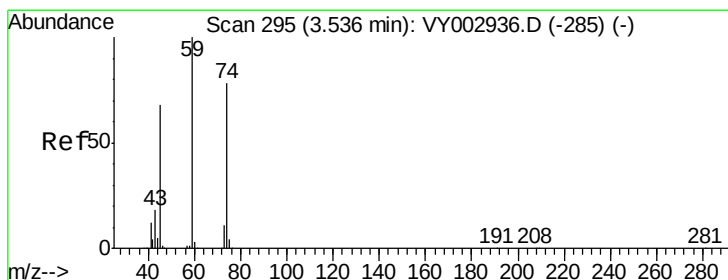
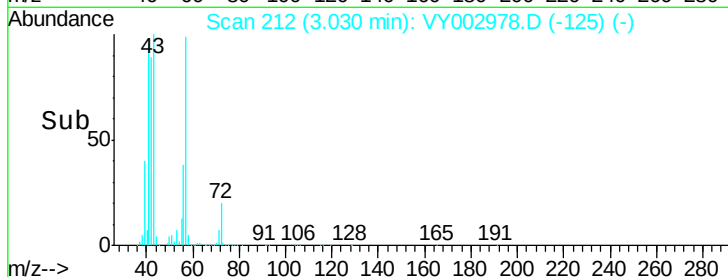
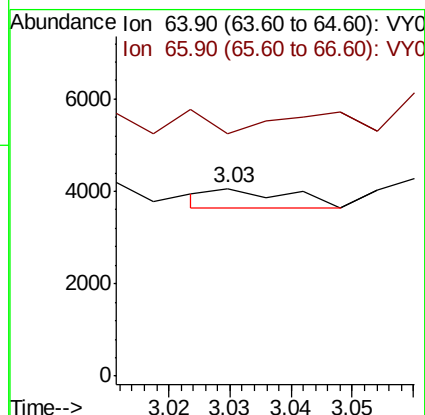
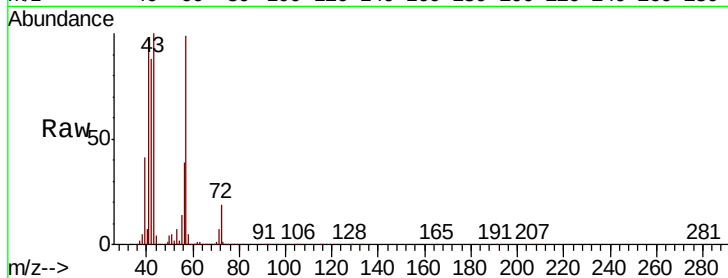
SB-A

Tot Ion: 64 Resp: 367

Ion Ratio Lower Upper

64 100

66 0.0 27.0 40.6#



#8

Diethyl Ether

Concen: 1.554 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.20 min

Lab File: VY002978.D

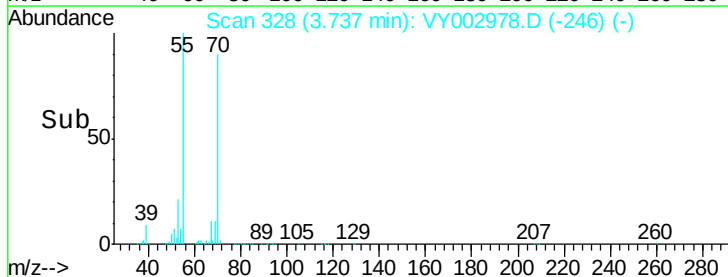
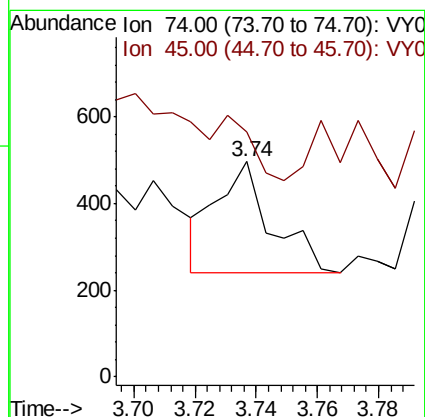
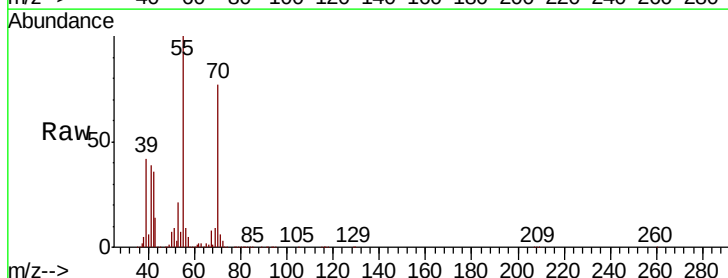
Acq: 22 Jun 2020 16:57

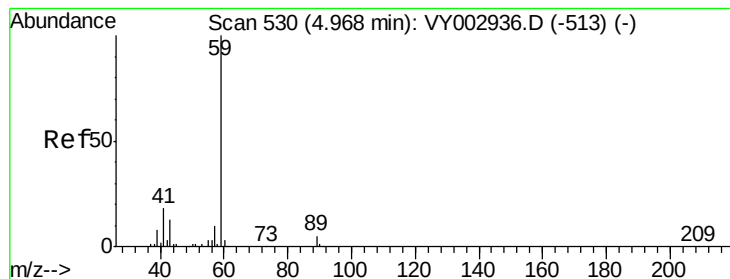
Tgt Ion: 74 Resp: 319

Ion Ratio Lower Upper

74 100

45 0.0 43.7 131.1#



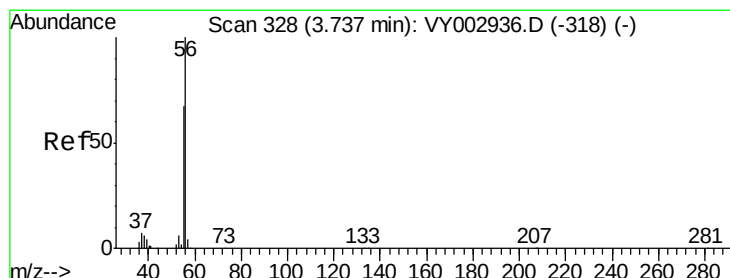
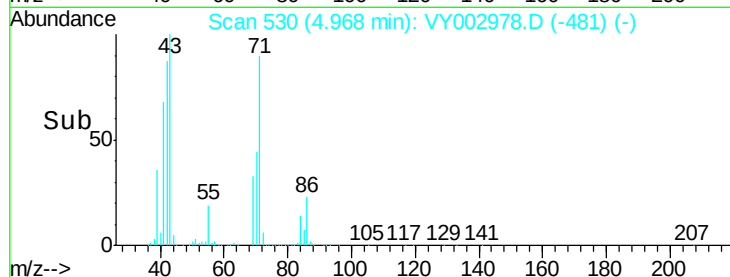
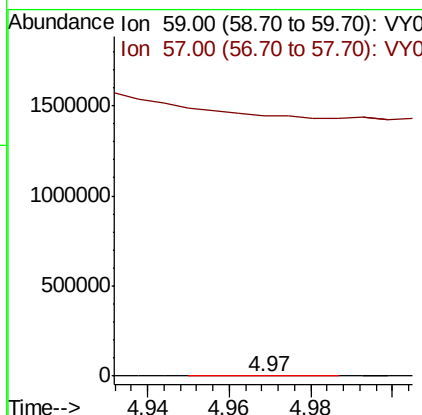
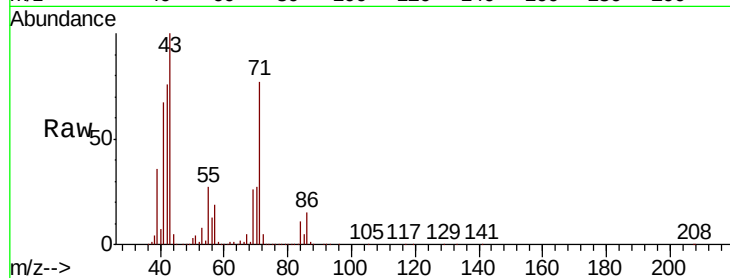


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 4.97 min Scan# 530
 Delta R.T. 0.00 min
 Lab File: VY002978.D
 Acq: 22 Jun 2020 16:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-A

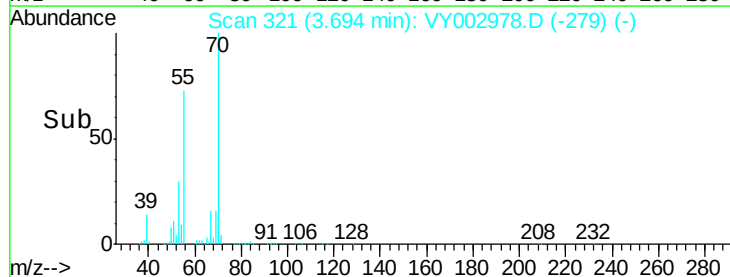
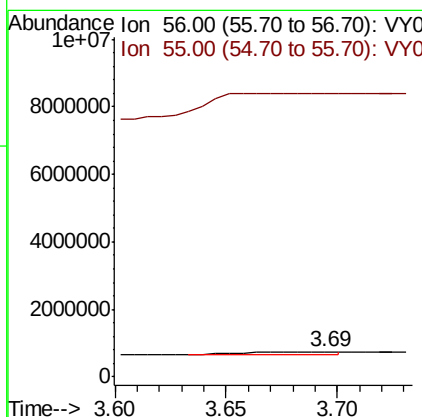
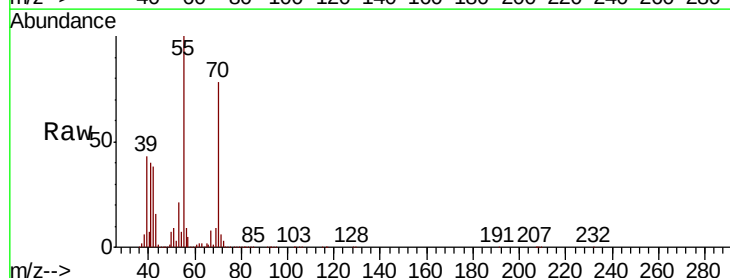
Tot Ion: 59 Resp: 434
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.4 11.2#

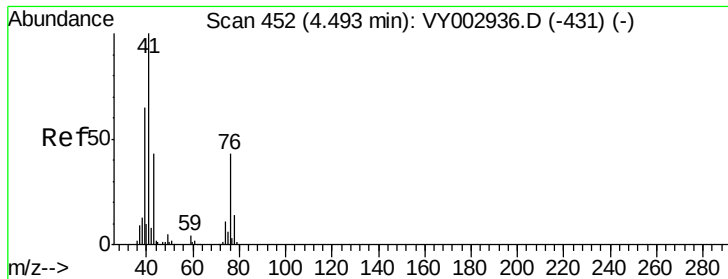


#13

Acrolein
 Concen: 7770.157 ug/l
 RT: 3.69 min Scan# 321
 Delta R.T. -0.04 min
 Lab File: VY002978.D
 Acq: 22 Jun 2020 16:57

Tgt Ion: 56 Resp: 262809
 Ion Ratio Lower Upper
 56 100
 55 0.0 55.3 82.9#

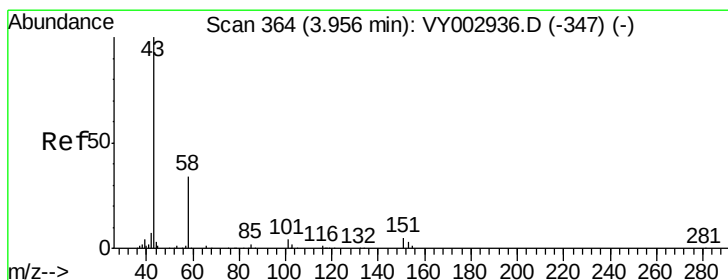
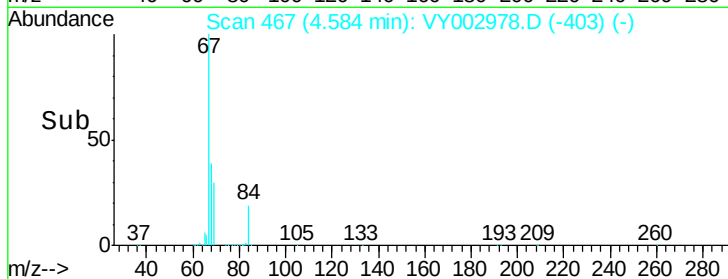
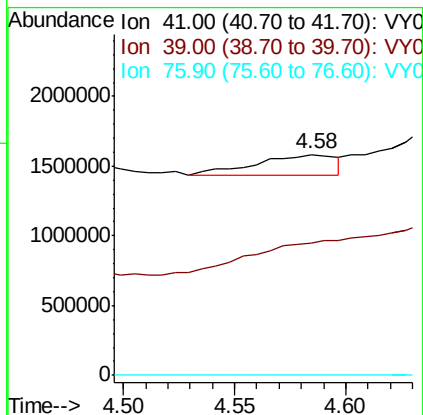
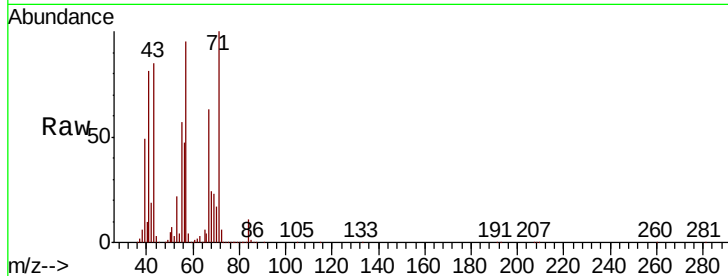




#14
Allvl chloride
Concen: 762.925 ug/l
RT: 4.58 min Scan# 467
Delta R.T. 0.09 min
Lab File: VY002978.D
Acq: 22 Jun 2020 16:57

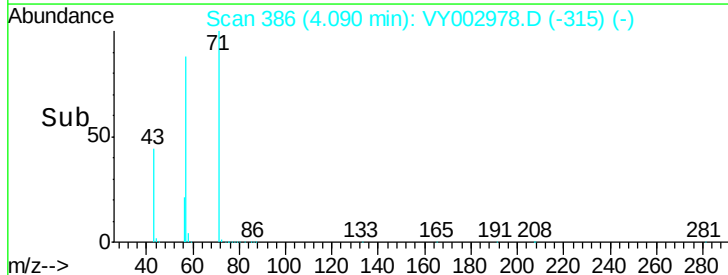
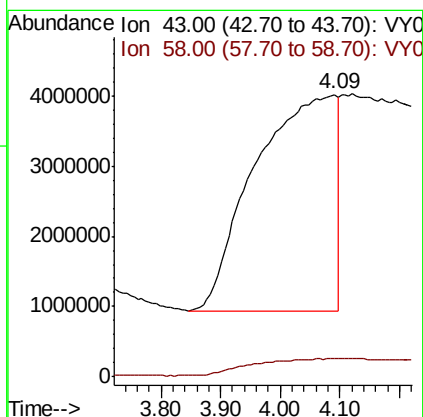
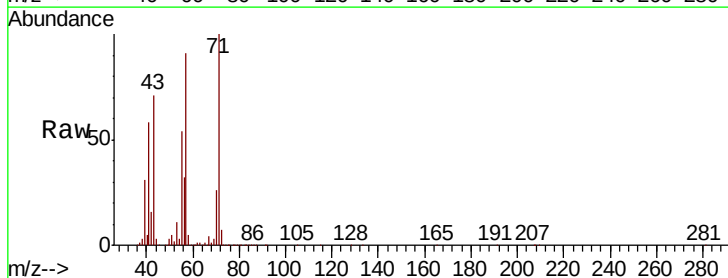
Instrument :
MSVOA_Y
ClientSampled :
SB-A

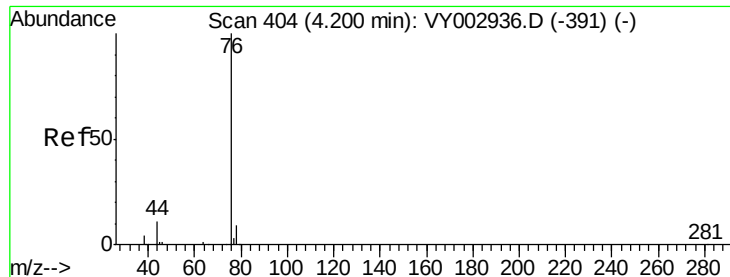
Tot Ion: 41 Resp: 373849
Ion Ratio Lower Upper
41 100
39 0.0 50.0 75.0#
76 0.0 33.3 49.9#



#16
Acetone
Concen: 347893.873 ug/l
RT: 4.09 min Scan# 386
Delta R.T. 0.13 min
Lab File: VY002978.D
Acq: 22 Jun 2020 16:57

Tgt Ion: 43 Resp: 29010103
Ion Ratio Lower Upper
43 100
58 7.8 27.3 40.9#

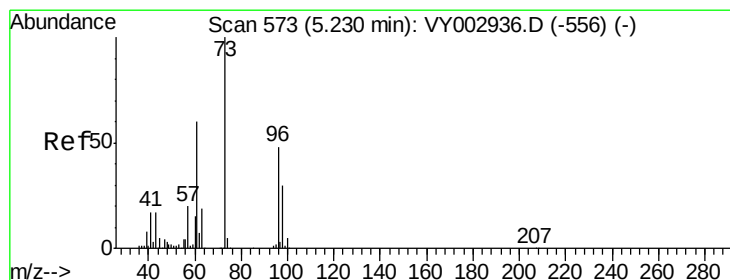
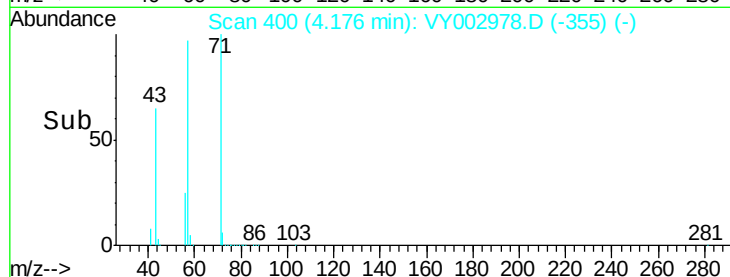
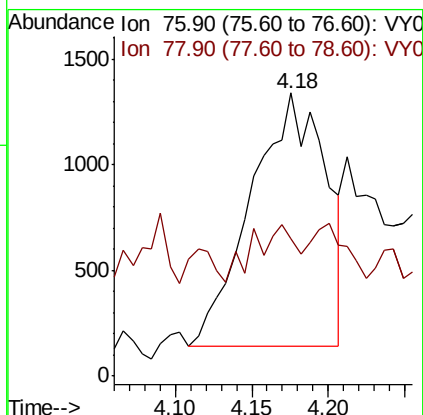
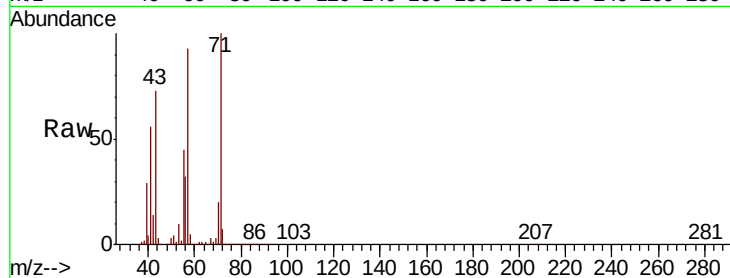




#17
Carbon Disulfide
Concen: 4.052 ug/l
RT: 4.18 min Scan# 400
Delta R.T. -0.02 min
Lab File: VY002978.D
Acq: 22 Jun 2020 16:57

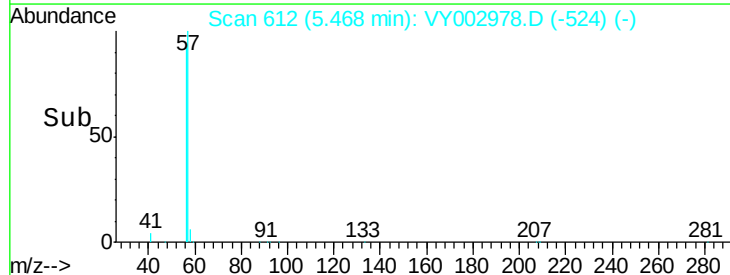
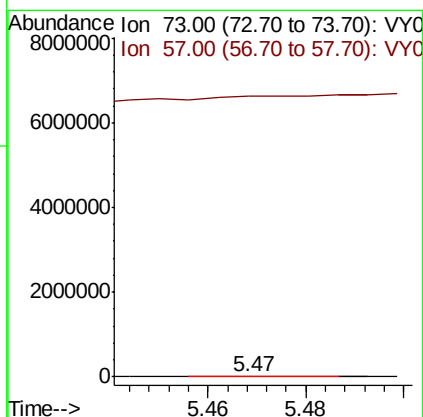
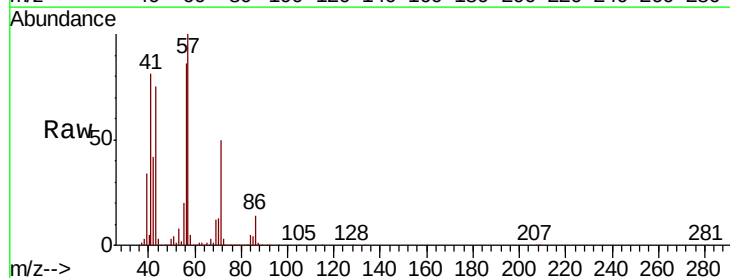
Instrument :
MSVOA_Y
ClientSampleId :
SB-A

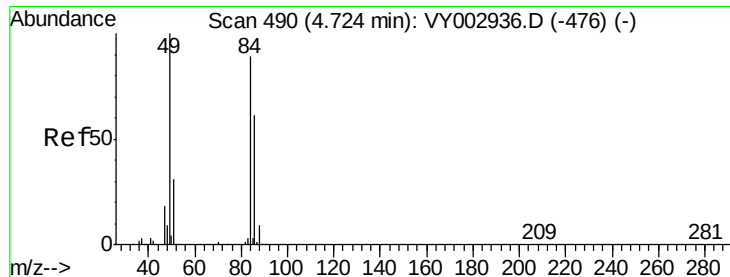
Tot Ion: 76 Resp: 4070
Ion Ratio Lower Upper
76 100
78 8.3 7.4 11.2



#19
Methyl tert-butyl Ether
Concen: 1.263 ug/l
RT: 5.47 min Scan# 612
Delta R.T. 0.24 min
Lab File: VY002978.D
Acq: 22 Jun 2020 16:57

Tgt Ion: 73 Resp: 1169
Ion Ratio Lower Upper
73 100
57 8617.0 16.4 24.6#





#20

Methylene Chloride

Concen: 10363.130 ug/l

RT: 4.69 min Scan# 485

Delta R.T. -0.03 min

Lab File: VY002978.D

Acq: 22 Jun 2020 16:57

Instrument :

MSVOA_Y

ClientSampleId :

SB-A

Tot Ion: 84 Resp: 3638977

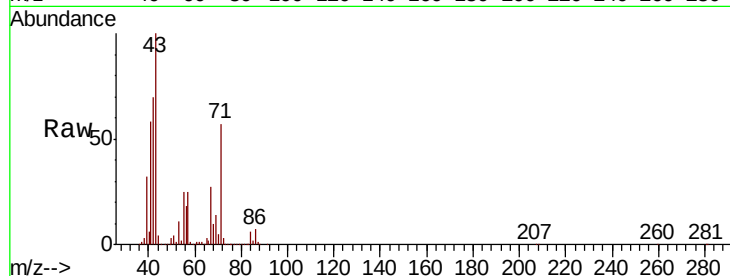
Ion Ratio Lower Upper

84 100

49 2.6 90.0 135.0#

51 28.8 27.9 41.9

86 112.3 54.6 81.8#

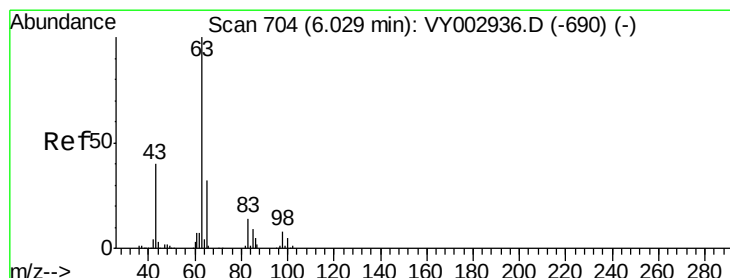
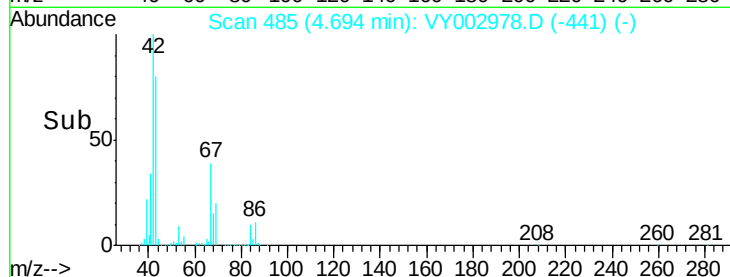
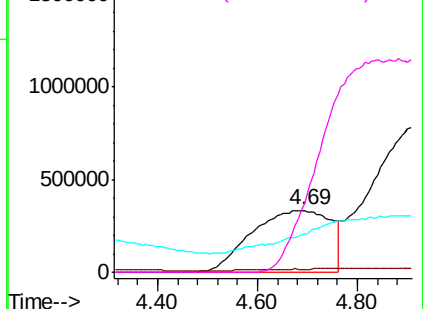


Abundance Ion 83.90 (83.60 to 84.60): VY0

Ion 48.90 (48.60 to 49.60): VY0

Ion 50.90 (50.60 to 51.60): VY0

Ion 85.90 (85.60 to 86.60): VY0



#24

1,1-Dichloroethane

Concen: 1020.042 ug/l

RT: 6.13 min Scan# 721

Delta R.T. 0.10 min

Lab File: VY002978.D

Acq: 22 Jun 2020 16:57

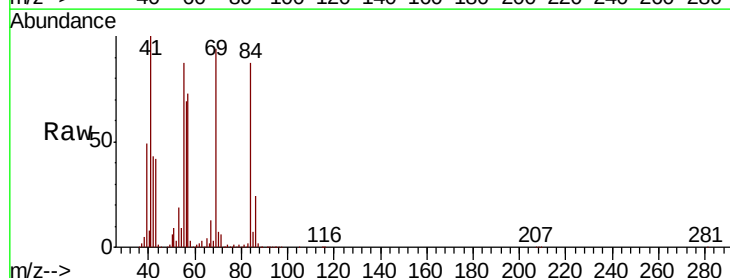
Tgt Ion: 63 Resp: 604553

Ion Ratio Lower Upper

63 100

98 0.0 4.0 12.0#

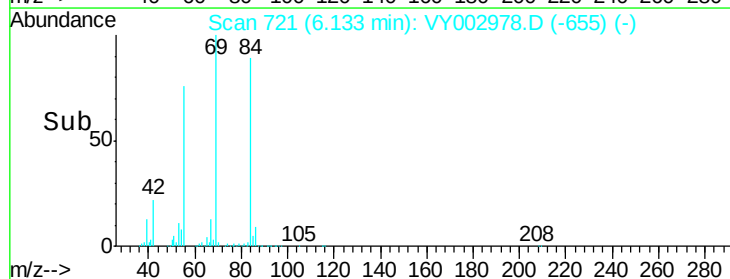
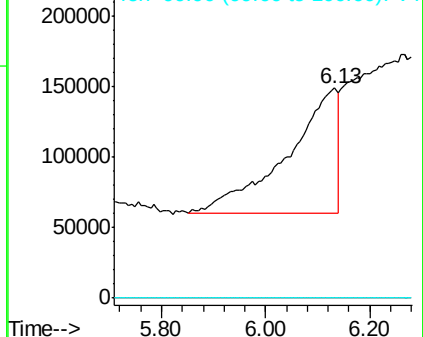
100 0.0 2.5 7.6#

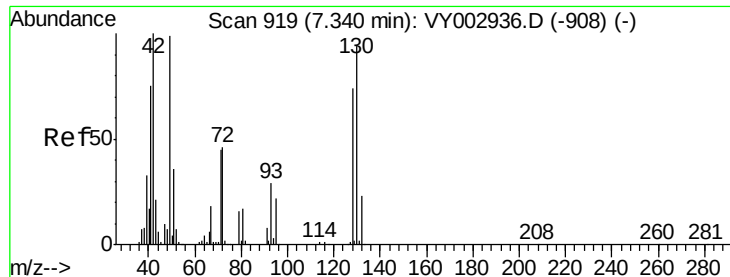


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#28

Bromochloromethane

Concen: 803.755 ug/l

RT: 7.57 min Scan# 957

Delta R.T. 0.23 min

Lab File: VY002978.D

Acq: 22 Jun 2020 16:57

Instrument :

MSVOA_Y

ClientSampleId :

SB-A

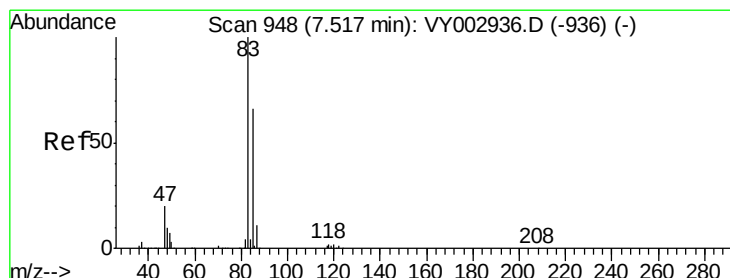
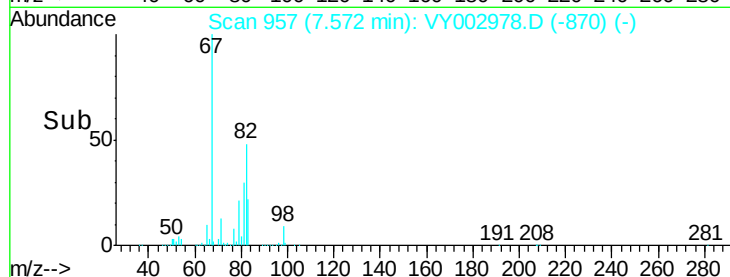
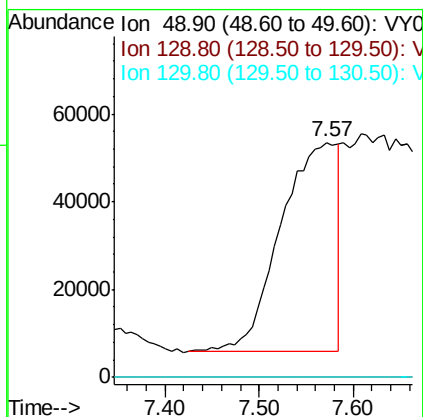
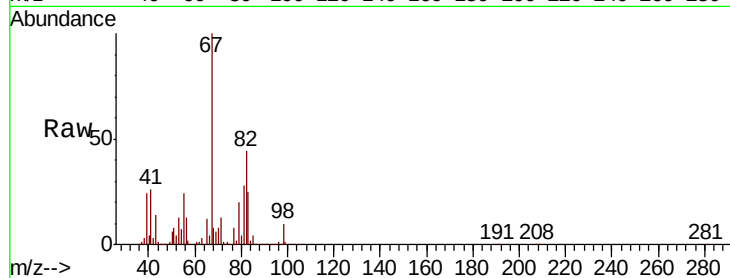
Tot Ion: 49 Resp: 199170

Ion Ratio Lower Upper

49 100

129 0.0 0.0 5.0

130 0.0 78.4 117.6#



#30

Chloroform

Concen: 17406.667 ug/l

RT: 7.57 min Scan# 957

Delta R.T. 0.06 min

Lab File: VY002978.D

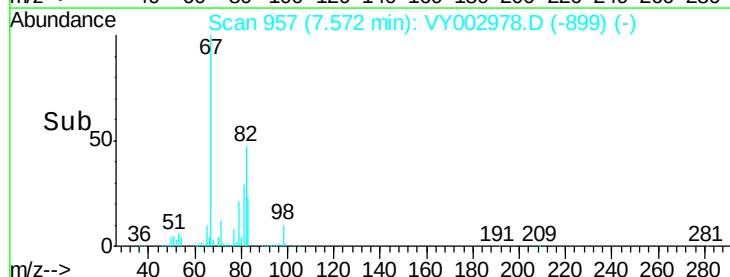
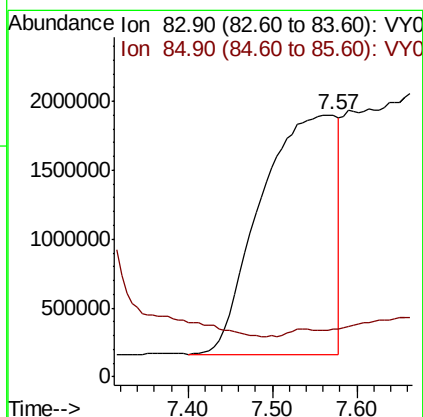
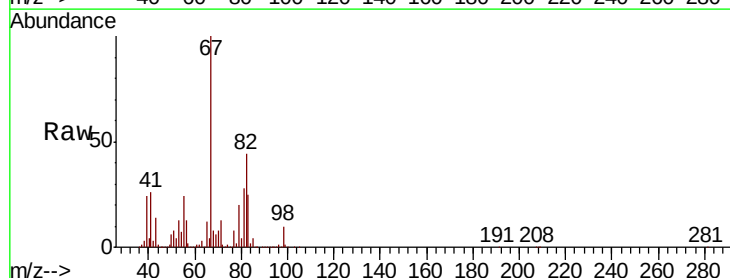
Acq: 22 Jun 2020 16:57

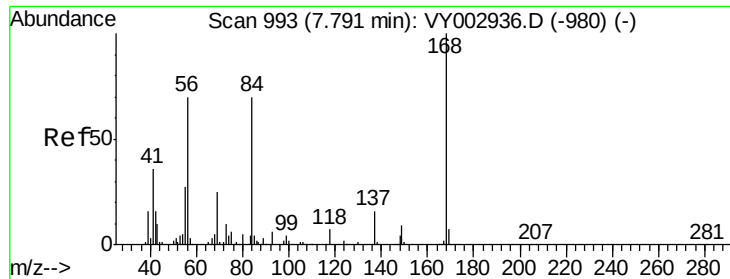
Tgt Ion: 83 Resp:10804990

Ion Ratio Lower Upper

83 100

85 0.0 53.1 79.7#

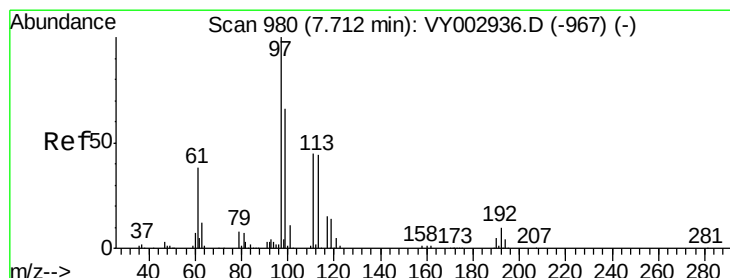
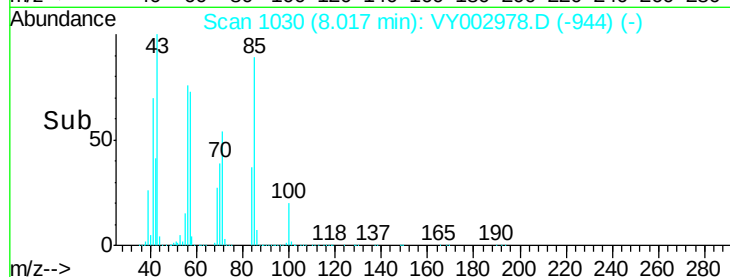
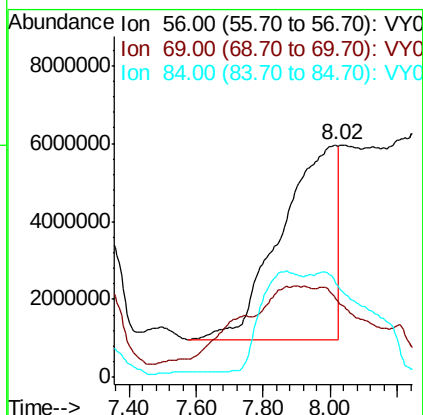
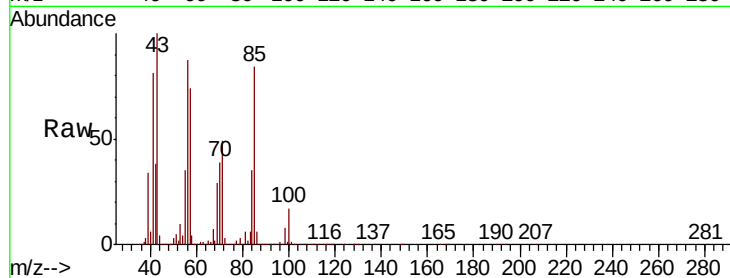




#31
Cyclohexane
Concen: 100482.050 ug/l
RT: 8.02 min Scan# 1030
Delta R.T. 0.23 min
Lab File: VY002978.D
Acq: 22 Jun 2020 16:57

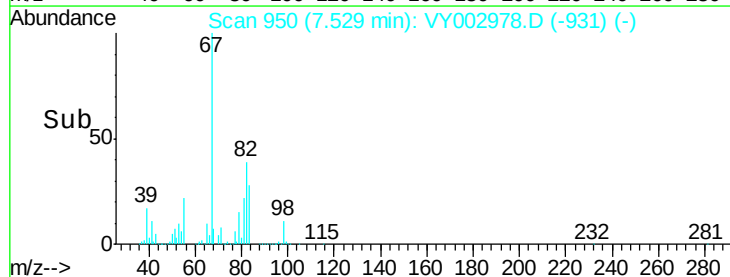
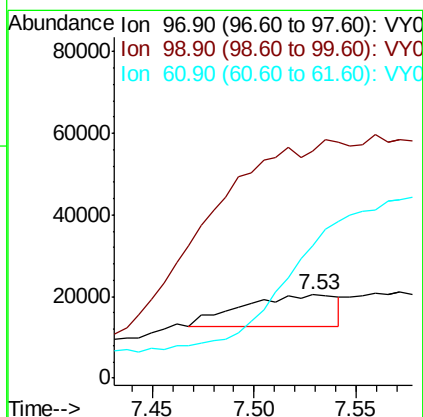
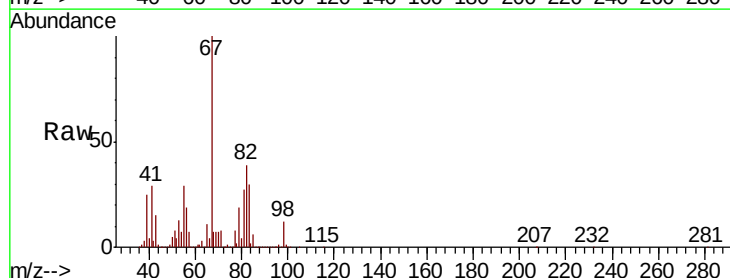
Instrument :
MSVOA_Y
ClientSampled :
SB-A

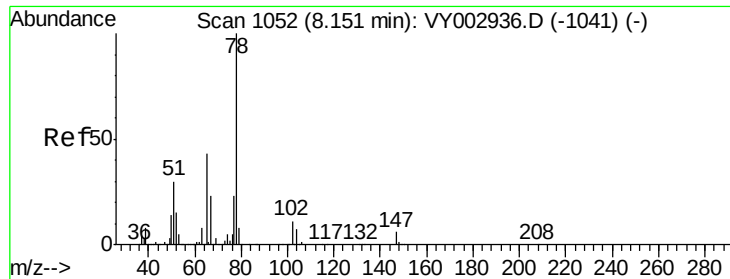
Tot Ion: 56 Resp: 58090183
Ion Ratio Lower Upper
56 100
69 30.6 28.9 43.3
84 45.4 80.1 120.1#



#32
1,1,1-Trichloroethane
Concen: 43.439 ug/l
RT: 7.53 min Scan# 950
Delta R.T. -0.18 min
Lab File: VY002978.D
Acq: 22 Jun 2020 16:57

Tgt Ion: 97 Resp: 24846
Ion Ratio Lower Upper
97 100
99 453.2 52.2 78.2#
61 0.0 30.3 45.5#

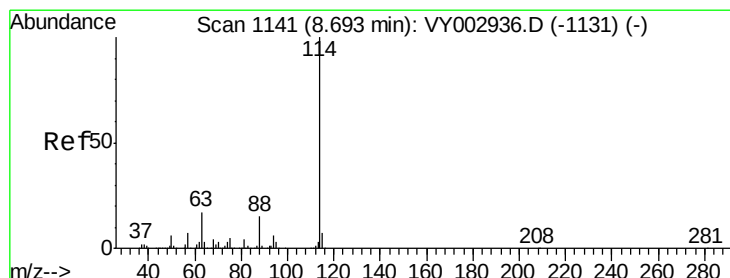
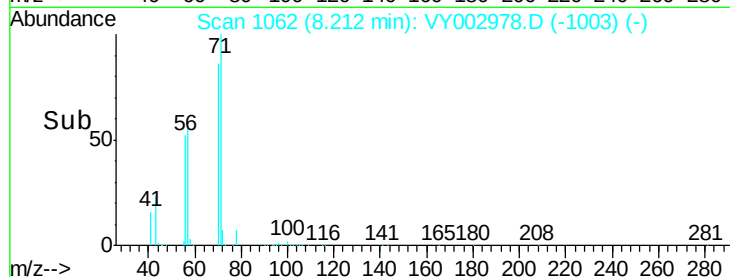
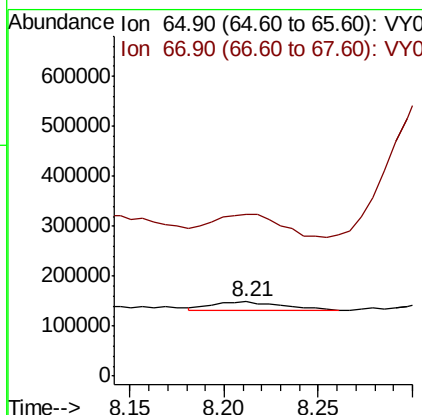
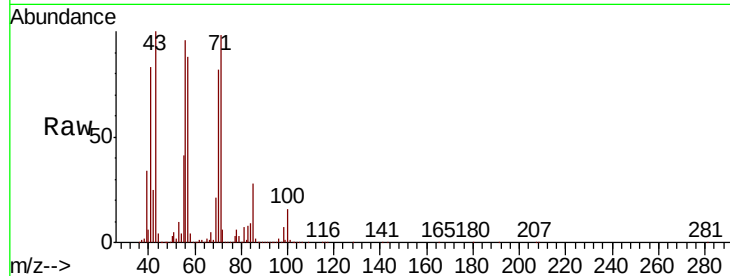




#33
 1,2-Dichloroethane-d4
 Concen: 128.936 ug/l
 RT: 8.21 min Scan# 1062
 Delta R.T. 0.06 min
 Lab File: VY002978.D
 Acq: 22 Jun 2020 16:57

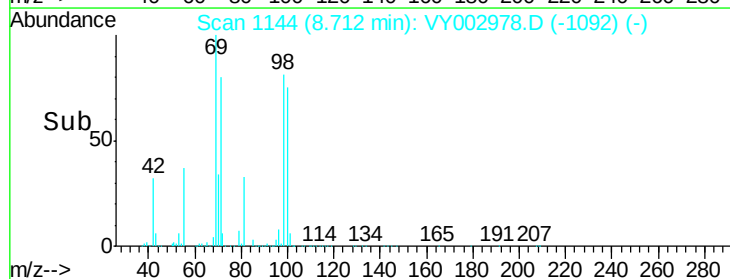
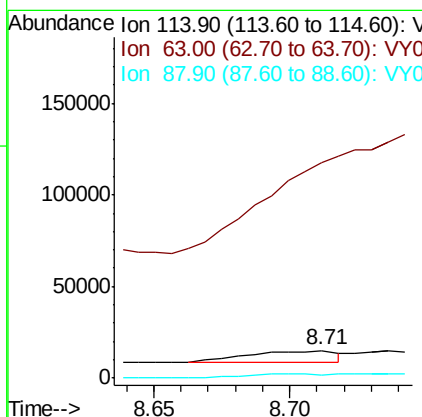
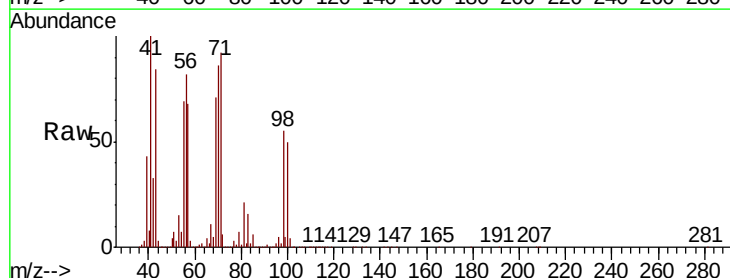
Instrument :
 MSVOA_Y
 ClientSampled :
 SB-A

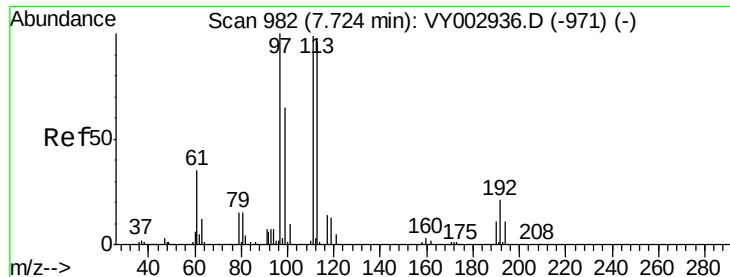
Tot Ion: 65 Resp: 43410
 Ion Ratio Lower Upper
 65 100
 67 259.5 0.0 109.4#



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.02 min
 Lab File: VY002978.D
 Acq: 22 Jun 2020 16:57

Tgt Ion: 114 Resp: 13166
 Ion Ratio Lower Upper
 114 100
 63 751.4 0.0 34.6#
 88 25.1 0.0 29.2

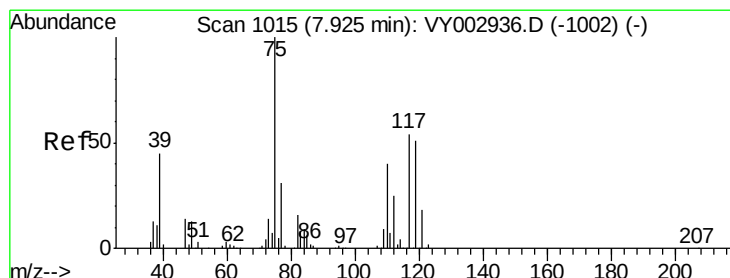
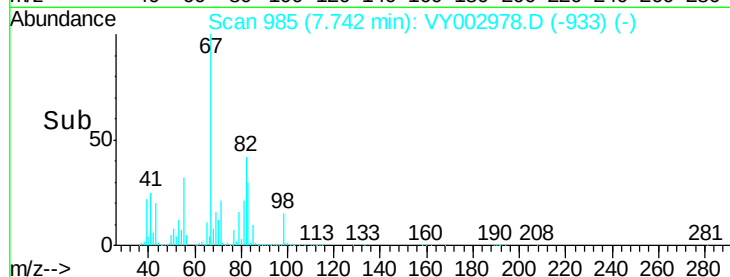
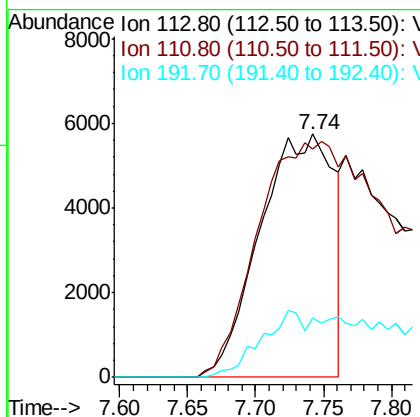
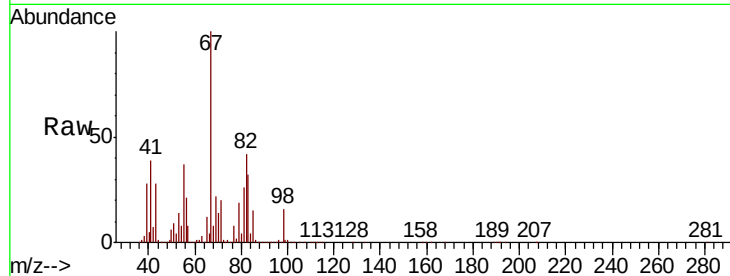




#35
 Dibromofluoromethane
 Concen: 291.021 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. 0.02 min
 Lab File: VY002978.D
 Acq: 22 Jun 2020 16:57

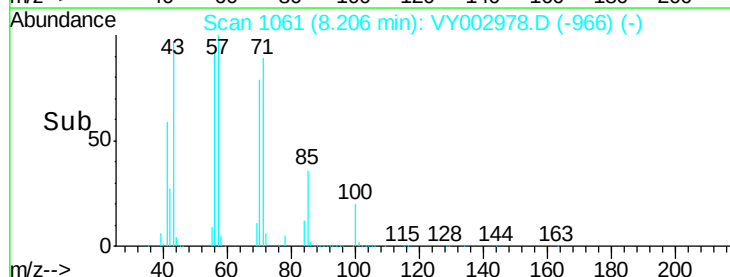
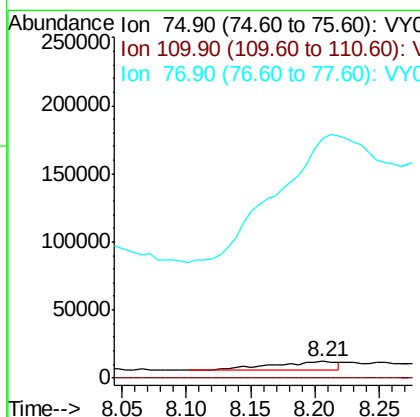
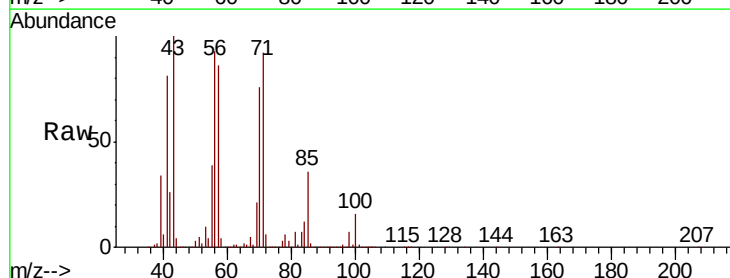
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-A

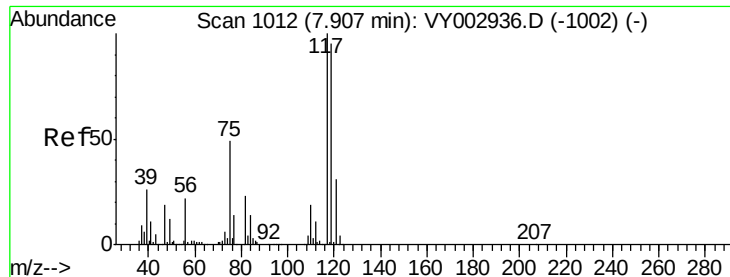
Tot Ion:113 Resp: 21680
 Ion Ratio Lower Upper
 113 100
 111 165.5 81.5 122.3#
 192 0.0 19.2 28.8#



#36
 1,1-Dichloropropene
 Concen: 220.546 ug/l
 RT: 8.21 min Scan# 1061
 Delta R.T. 0.28 min
 Lab File: VY002978.D
 Acq: 22 Jun 2020 16:57

Tgt Ion: 75 Resp: 23582
 Ion Ratio Lower Upper
 75 100
 110 0.0 19.7 59.0#
 77 1314.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 3.182 ug/l

RT: 7.85 min Scan# 1002

Delta R.T. -0.06 min

Lab File: VY002978.D

Acq: 22 Jun 2020 16:57

Instrument :

MSVOA_Y

ClientSampleId :

SB-A

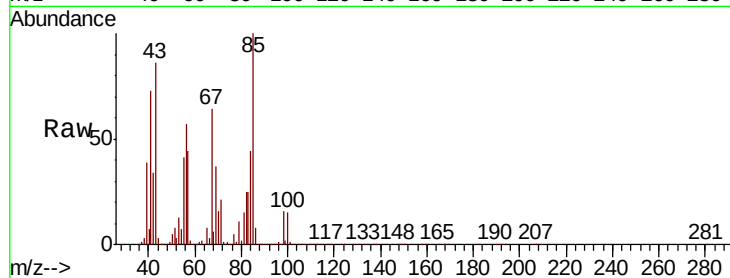
Tot Ion:117 Resp: 375

Ion Ratio Lower Upper

117 100

119 9.6 76.1 114.1#

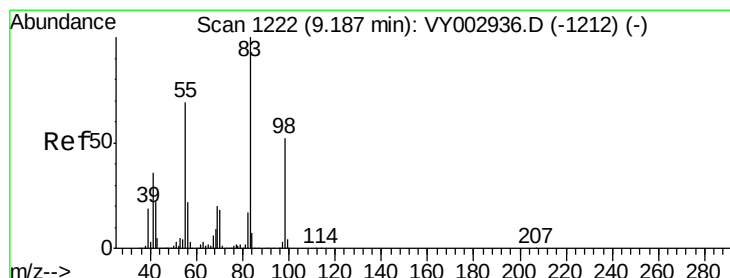
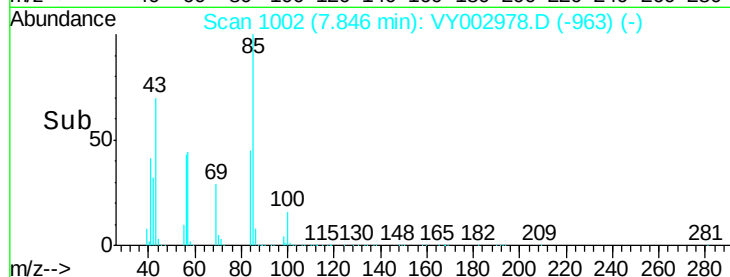
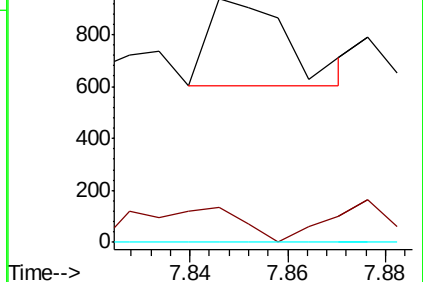
121 0.0 24.8 37.2#



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



#39

Methylcyclohexane

Concen: 114287.822 ug/l

RT: 9.24 min Scan# 1231

Delta R.T. 0.06 min

Lab File: VY002978.D

Acq: 22 Jun 2020 16:57

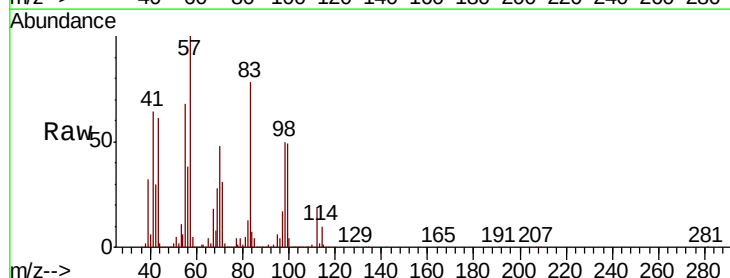
Tgt Ion: 83 Resp:16108910

Ion Ratio Lower Upper

83 100

55 30.3 55.0 82.4#

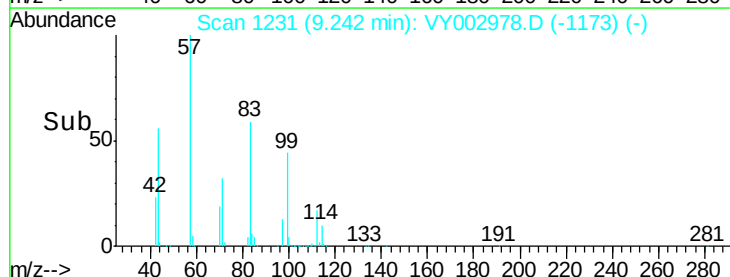
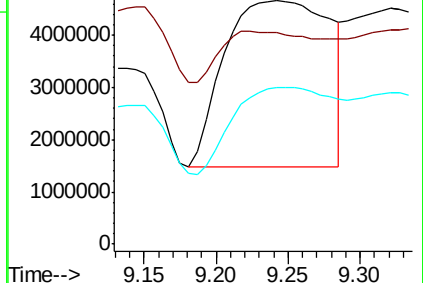
98 51.8 41.4 62.2

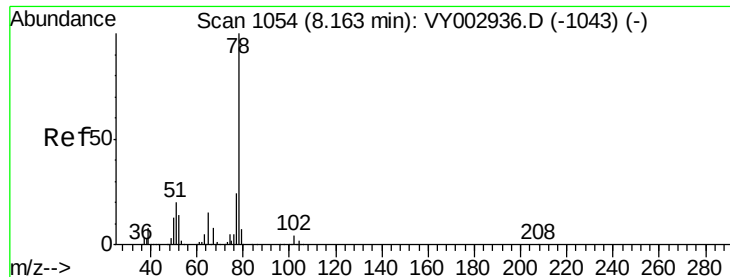


Abundance Ion 83.00 (82.70 to 83.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 98.00 (97.70 to 98.70): VY0





#40

Benzene

Concen: 7792.821 ug/l

RT: 8.22 min Scan# 1063

Delta R.T. 0.06 min

Lab File: VY002978.D

Acq: 22 Jun 2020 16:57

Instrument :

MSVOA_Y

ClientSampleId :

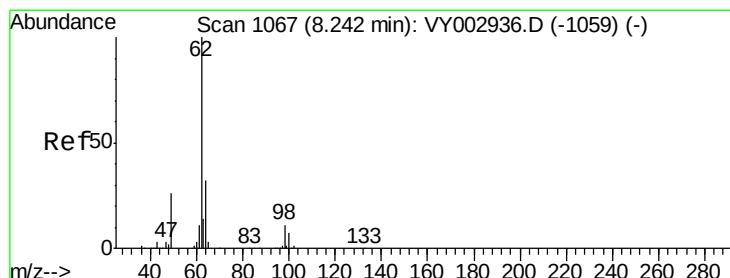
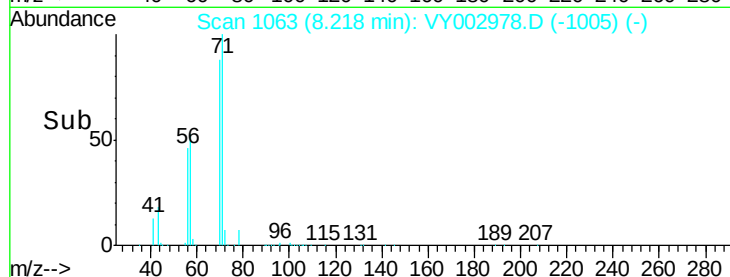
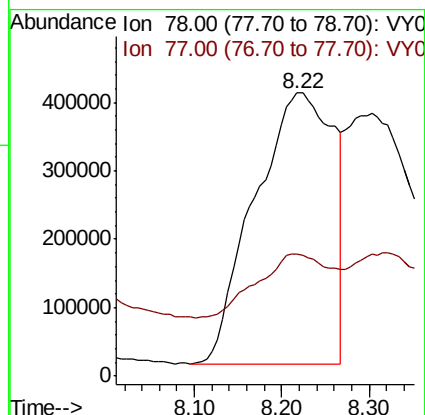
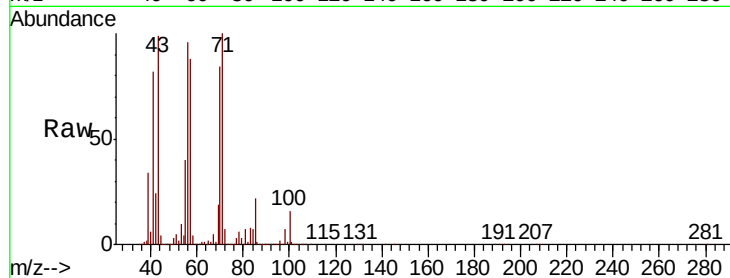
SB-A

Tot Ion: 78 Resp: 2480744

Ion Ratio Lower Upper

78 100

77 23.3 19.3 28.9



#42

1,2-Dichloroethane

Concen: 28.374 ug/l

RT: 8.30 min Scan# 1077

Delta R.T. 0.06 min

Lab File: VY002978.D

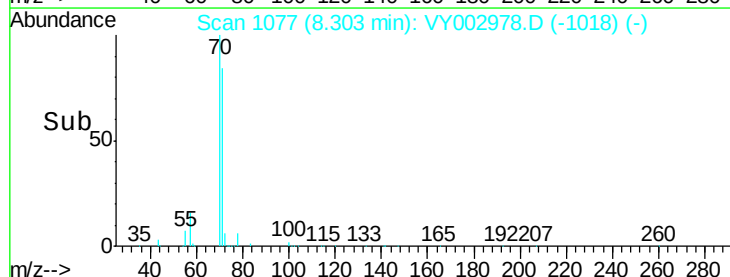
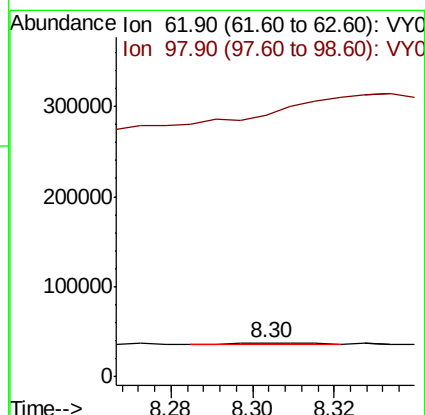
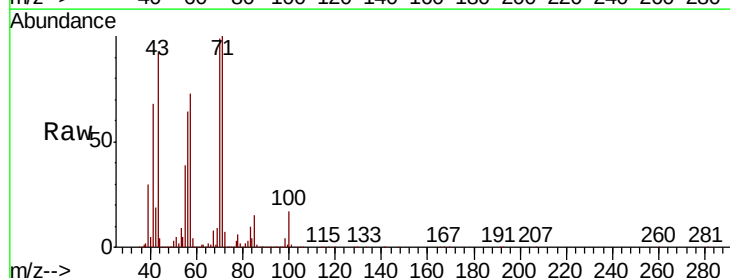
Acq: 22 Jun 2020 16:57

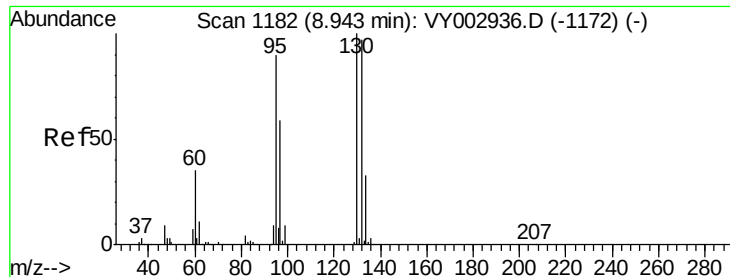
Tgt Ion: 62 Resp: 2507

Ion Ratio Lower Upper

62 100

98 0.0 0.0 22.6





#44

Trichloroethene

Concen: 2.008 ug/l

RT: 8.98 min Scan# 1188

Delta R.T. 0.04 min

Lab File: VY002978.D

Acq: 22 Jun 2020 16:57

Instrument :

MSVOA_Y

ClientSampleId :

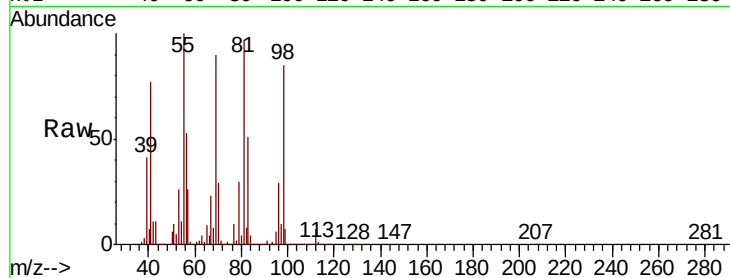
SB-A

Tot Ion:130 Resp: 198

Ion Ratio Lower Upper

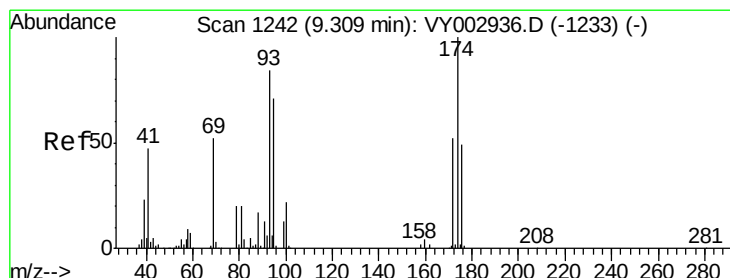
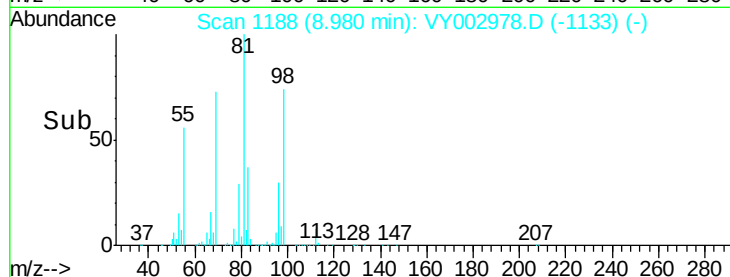
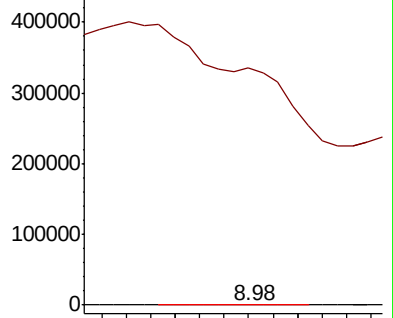
130 100

95 82876.8 0.0 179.6#



Abundance Ion 129.80 (129.50 to 130.50): VY002978.D (-1133) (-)

Ion 94.90 (94.60 to 95.60): VY002978.D (-1133) (-)



#46

Dibromomethane

Concen: 220.304 ug/l

RT: 9.32 min Scan# 1244

Delta R.T. 0.01 min

Lab File: VY002978.D

Acq: 22 Jun 2020 16:57

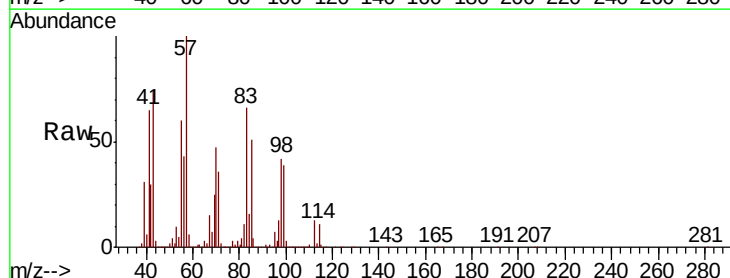
Tgt Ion: 93 Resp: 10070

Ion Ratio Lower Upper

93 100

95 0.0 66.4 99.6#

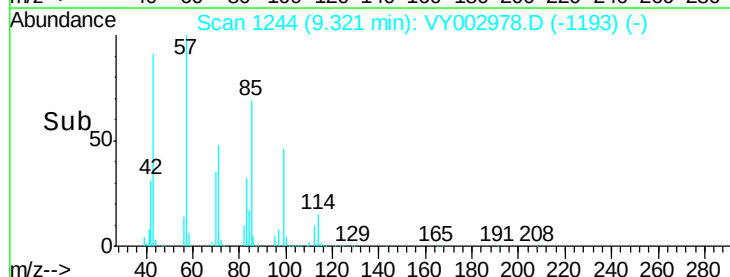
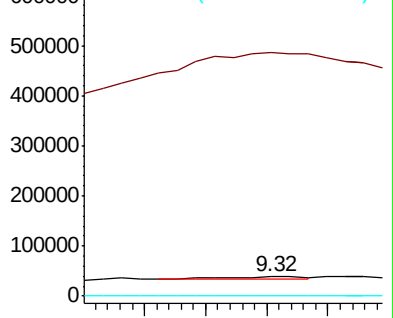
174 0.0 95.1 142.7#

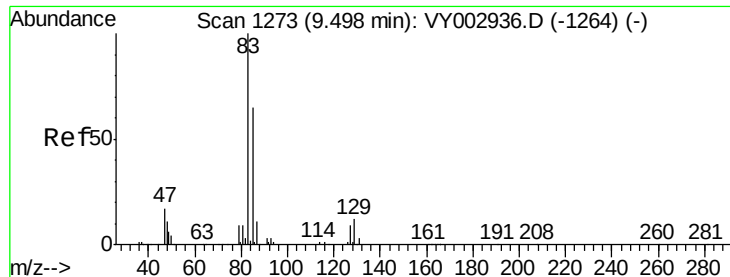


Abundance Ion 92.80 (92.50 to 93.50): VY002978.D (-1193) (-)

Ion 94.80 (94.50 to 95.50): VY002978.D (-1193) (-)

Ion 173.70 (173.40 to 174.40): VY002978.D (-1193) (-)





#47

Bromodichloromethane

Concen: 369379.681 ug/l

RT: 9.61 min Scan# 1292

Delta R.T. 0.12 min

Lab File: VY002978.D

Acq: 22 Jun 2020 16:57

Instrument :

MSVOA_Y

ClientSampled :

SB-A

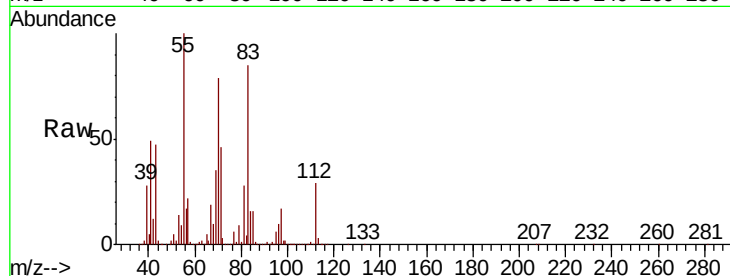
Tot Ion: 83 Resp:39419425

Ion Ratio Lower Upper

83 100

85 0.0 51.9 77.9#

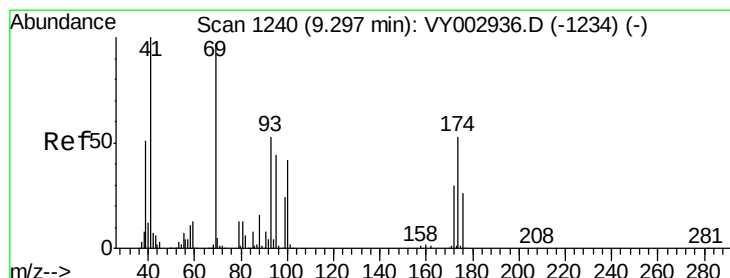
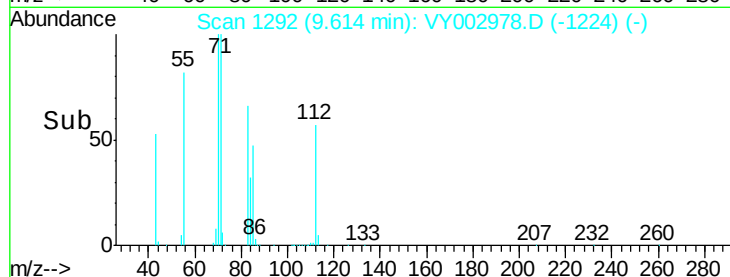
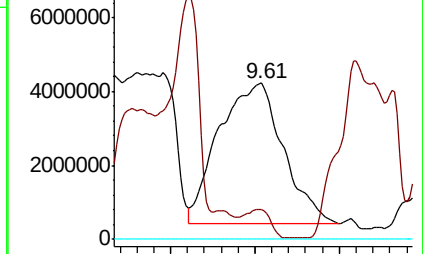
127 0.0 7.4 11.0#



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 126.80 (126.50 to 127.50): VY0



#48

Methyl methacrylate

Concen: 503008.241 ug/l

RT: 9.38 min Scan# 1254

Delta R.T. 0.09 min

Lab File: VY002978.D

Acq: 22 Jun 2020 16:57

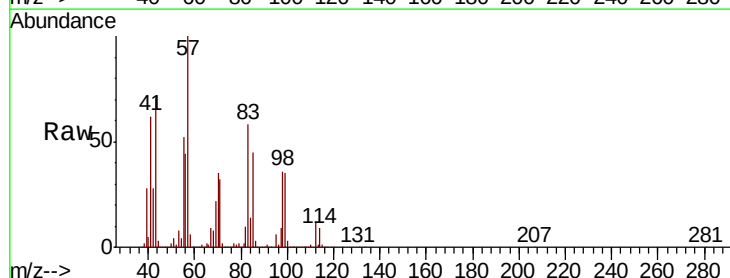
Tgt Ion: 41 Resp:24954279

Ion Ratio Lower Upper

41 100

69 0.0 79.4 119.0#

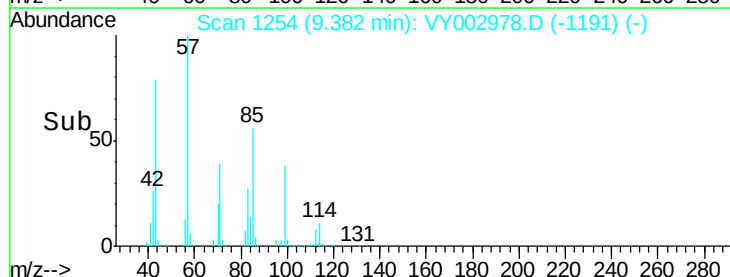
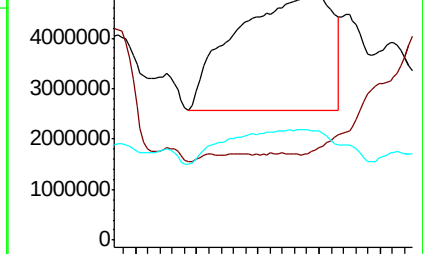
39 34.7 41.1 61.7#

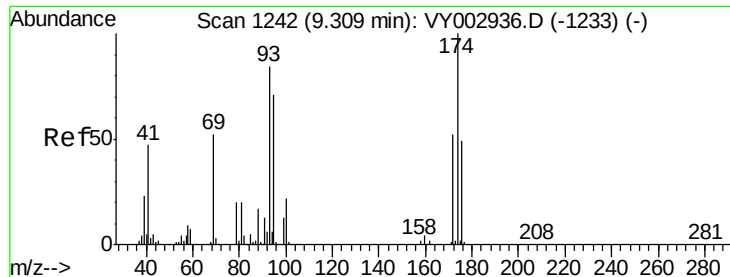


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#49

1,4-Dioxane

Concen: 382.126 ug/l

RT: 9.32 min Scan# 1244

Delta R.T. 0.01 min

Lab File: VY002978.D

Acq: 22 Jun 2020 16:57

Instrument :

MSVOA_Y

ClientSampleId :

SB-A

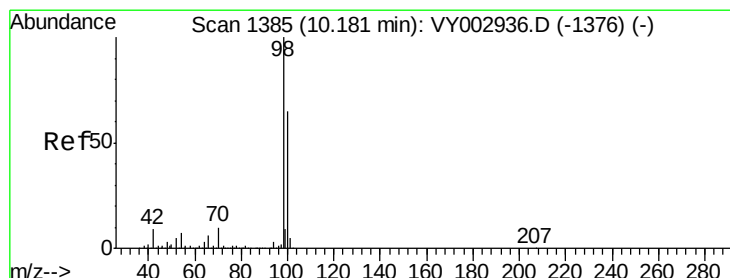
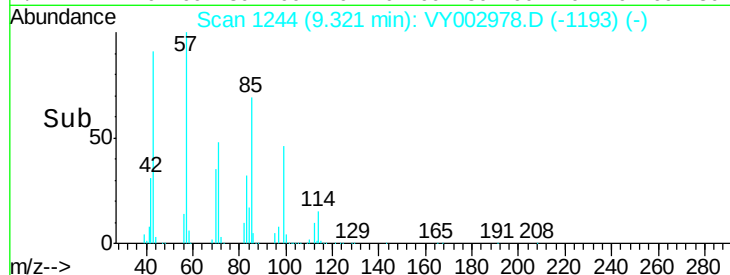
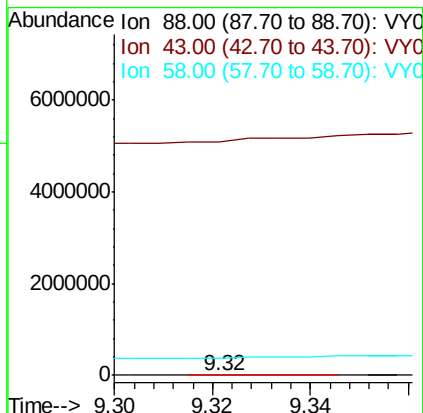
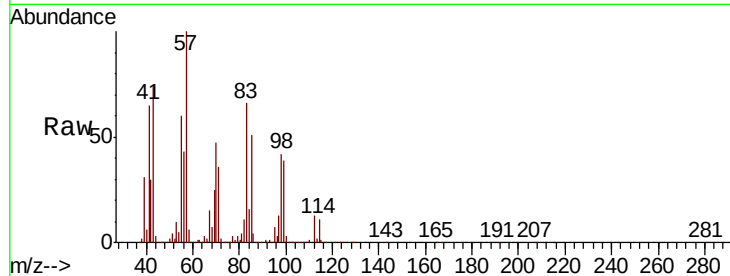
Tot Ion: 88 Resp: 256

Ion Ratio Lower Upper

88 100

43 0.0 21.0 31.6#

58 0.0 51.5 77.3#



#50

Toluene-d8

Concen: 11863.043 ug/l

RT: 10.22 min Scan# 1392

Delta R.T. 0.04 min

Lab File: VY002978.D

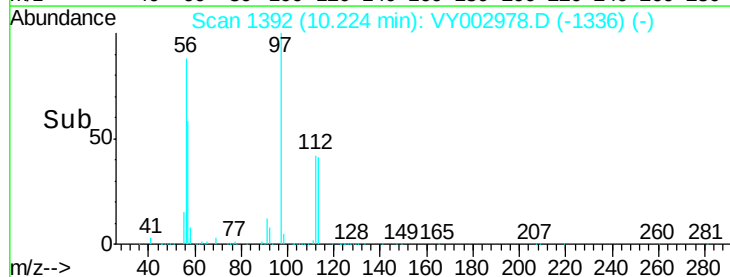
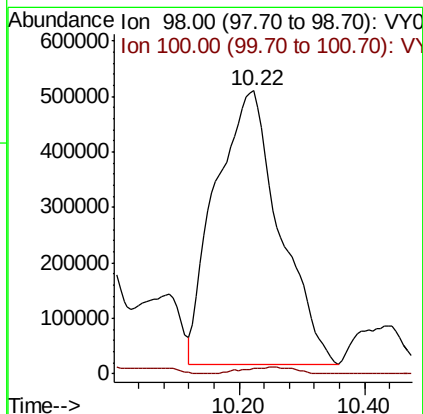
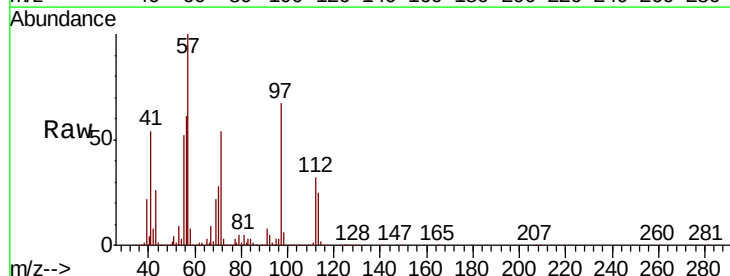
Acq: 22 Jun 2020 16:57

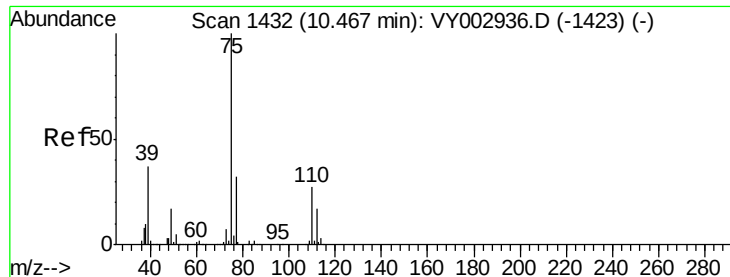
Tgt Ion: 98 Resp: 3484580

Ion Ratio Lower Upper

98 100

100 0.0 51.9 77.9#





#53

t-1,3-Dichloropropene

Concen: 400.613 ug/l

RT: 10.66 min Scan# 1463

Delta R.T. 0.19 min

Lab File: VY002978.D

Acq: 22 Jun 2020 16:57

Instrument :

MSVOA_Y

ClientSampled :

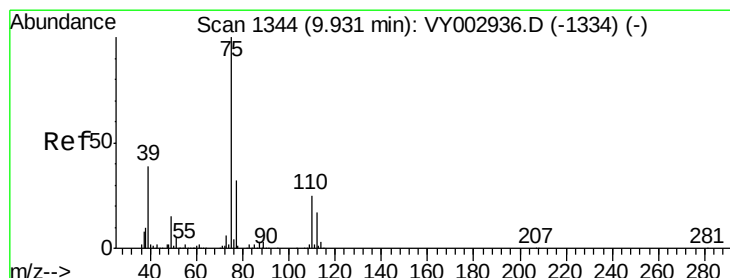
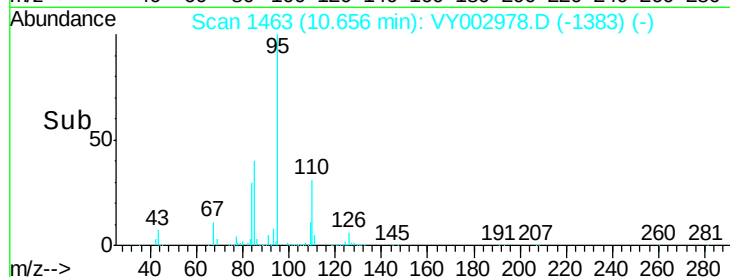
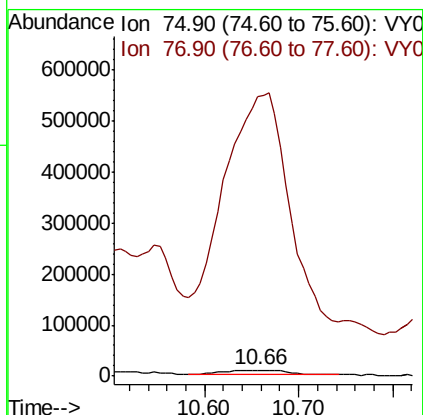
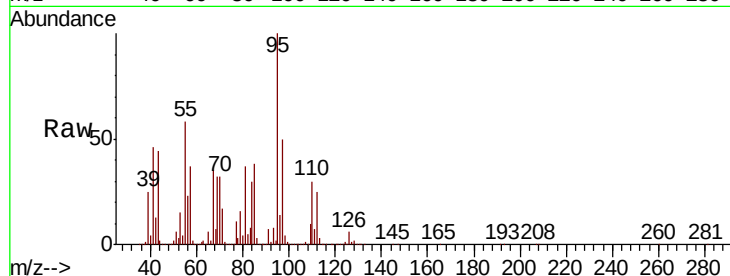
SB-A

Tot Ion: 75 Resp: 46465

Ion Ratio Lower Upper

75 100

77 4578.8 25.3 37.9#



#54

cis-1,3-Dichloropropene

Concen: 58.224 ug/l

RT: 9.94 min Scan# 1346

Delta R.T. 0.01 min

Lab File: VY002978.D

Acq: 22 Jun 2020 16:57

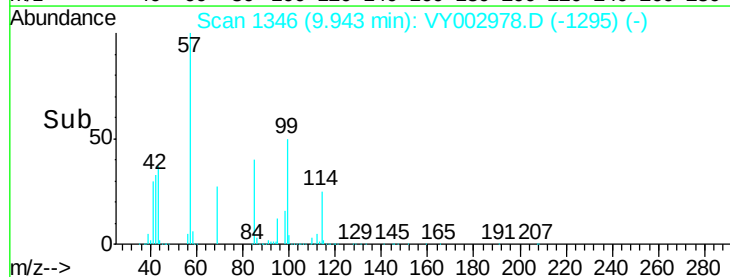
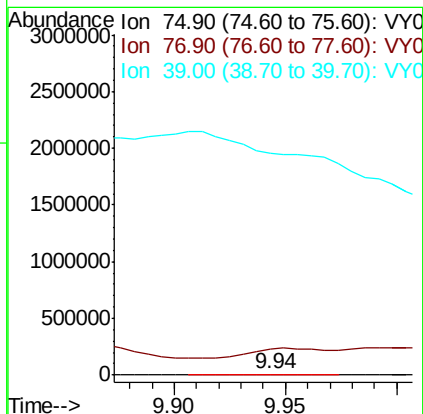
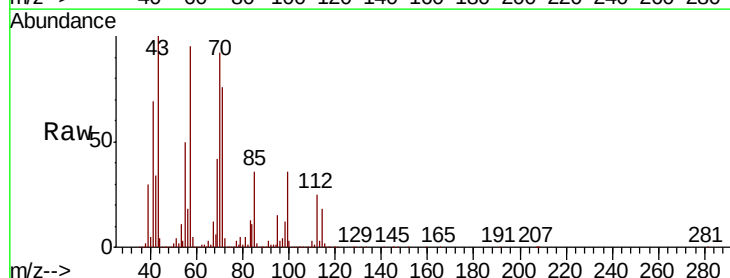
Tgt Ion: 75 Resp: 7644

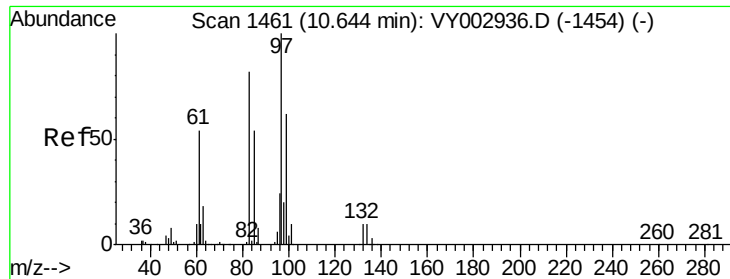
Ion Ratio Lower Upper

75 100

77 2675.8 25.4 38.2#

39 2944.6 31.4 47.0#





#55

1,1,2-Trichloroethane

Concen: 197087.963 ug/l

RT: 10.69 min Scan# 1468

Delta R.T. 0.04 min

Lab File: VY002978.D

Acq: 22 Jun 2020 16:57

Instrument :

MSVOA_Y

ClientSampled :

SB-A

Tot Ion: 97 Resp:13434751

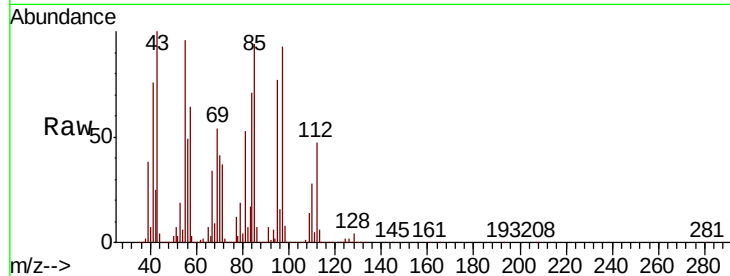
Ion Ratio Lower Upper

97 100

83 10.2 65.9 98.9#

85 100.0 43.1 64.7#

99 0.0 49.6 74.4#

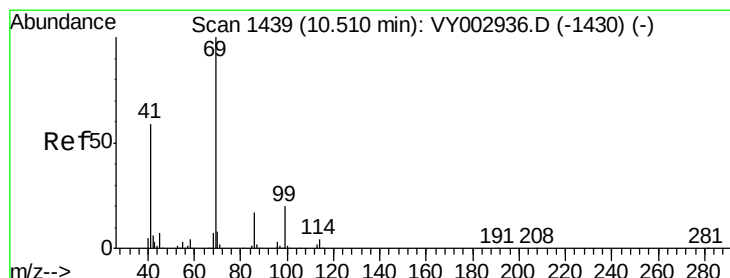
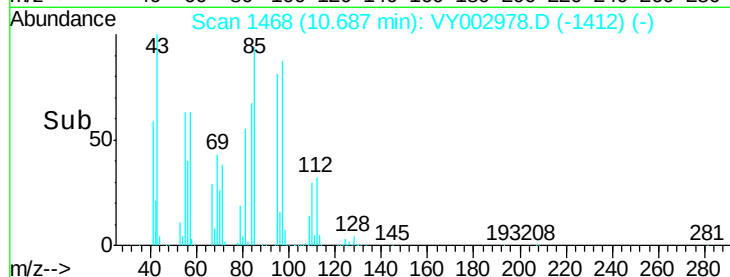
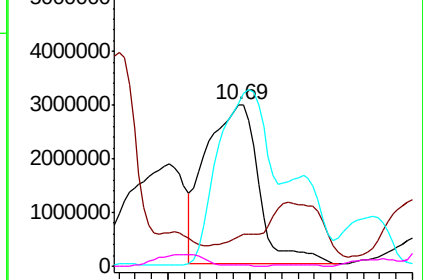


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 196360.549 ug/l

RT: 10.50 min Scan# 1438

Delta R.T. -0.01 min

Lab File: VY002978.D

Acq: 22 Jun 2020 16:57

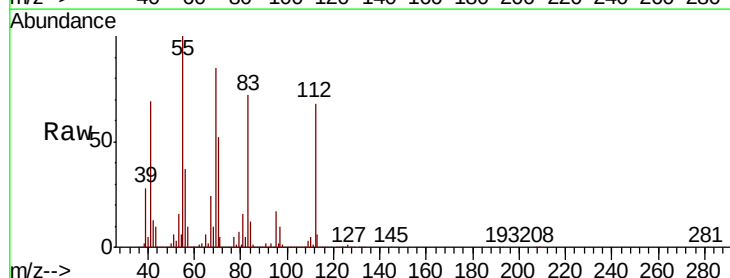
Tgt Ion: 69 Resp:18043310

Ion Ratio Lower Upper

69 100

41 0.0 46.4 69.6#

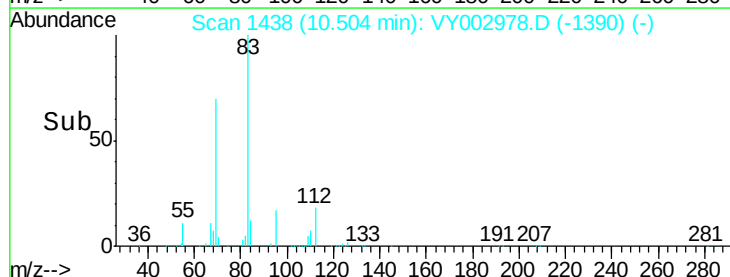
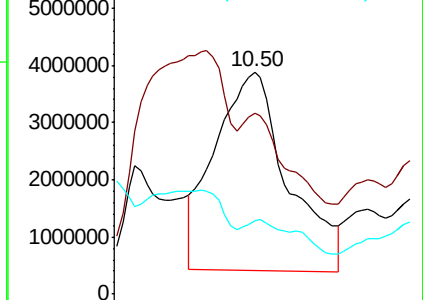
39 0.0 21.4 32.0#

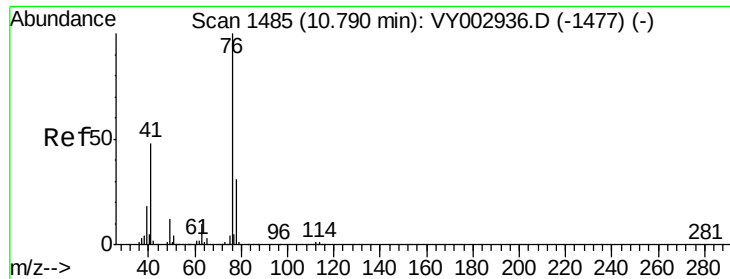


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#57

1,3-Dichloropropane

Concen: 15.598 ug/l

RT: 10.84 min Scan# 1493

Delta R.T. 0.05 min

Lab File: VY002978.D

Acq: 22 Jun 2020 16:57

Instrument :

MSVOA_Y

ClientSampleId :

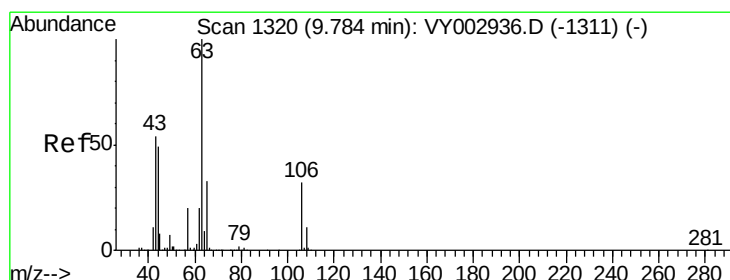
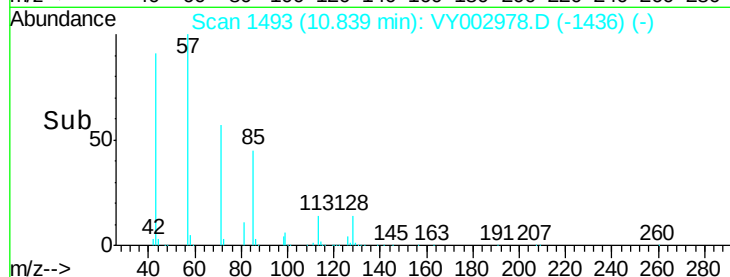
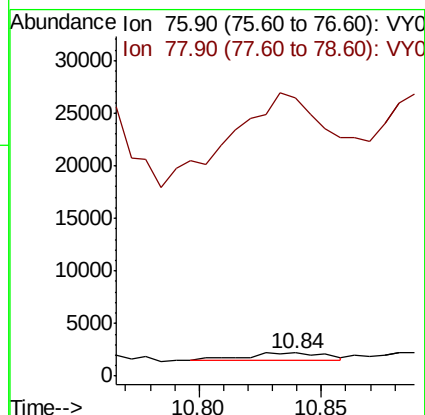
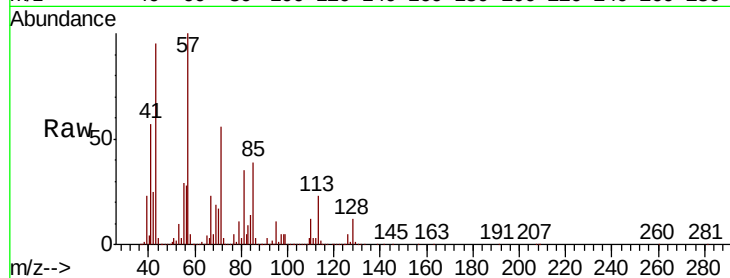
SB-A

Tot Ion: 76 Resp: 1773

Ion Ratio Lower Upper

76 100

78 1518.8 25.4 38.2#



#58

2-Chloroethyl Vinyl ether

Concen: 2813.416 ug/l

RT: 9.85 min Scan# 1331

Delta R.T. 0.07 min

Lab File: VY002978.D

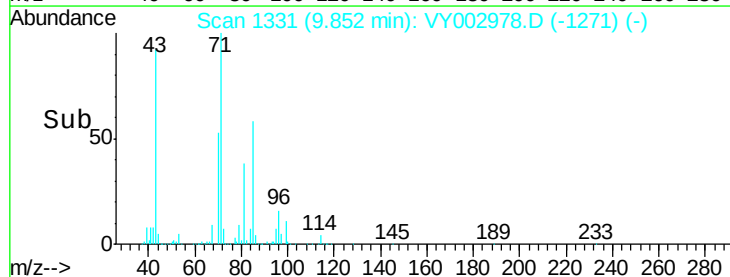
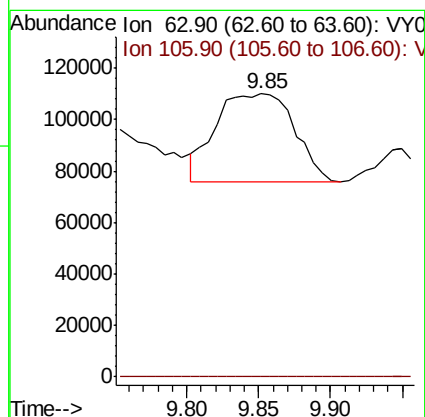
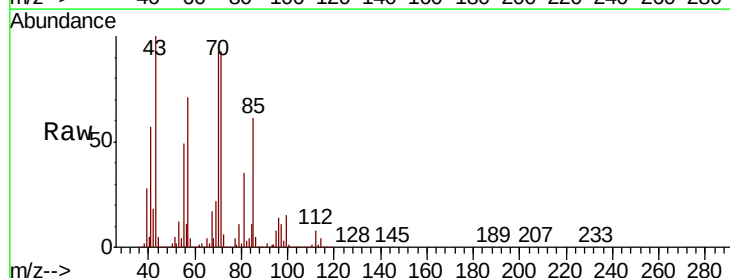
Acq: 22 Jun 2020 16:57

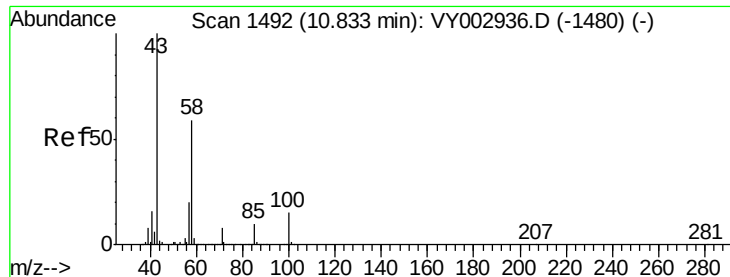
Tgt Ion: 63 Resp: 128761

Ion Ratio Lower Upper

63 100

106 0.1 25.6 38.4#

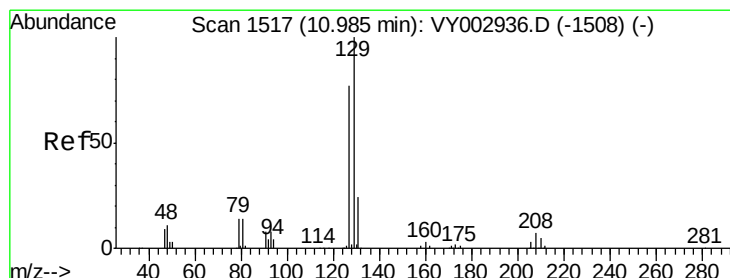
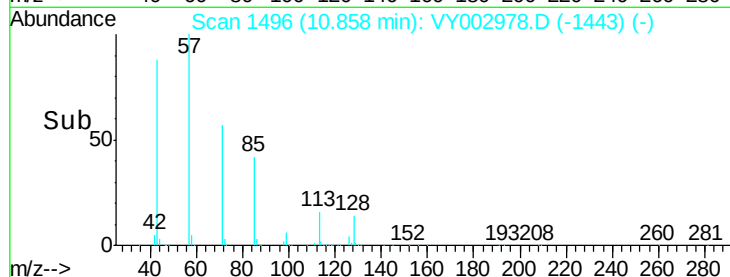
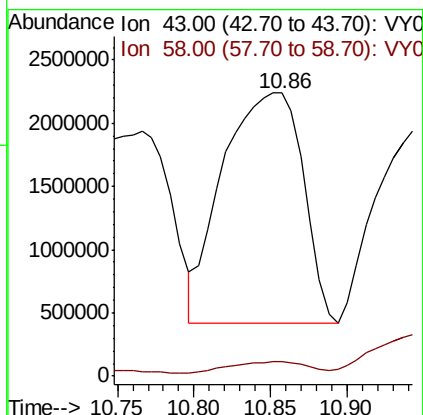
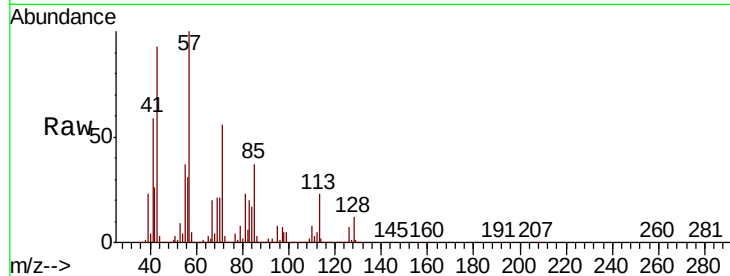




#59
2-Hexanone
Concen: 160386.700 ug/l
RT: 10.86 min Scan# 1496
Delta R.T. 0.02 min
Lab File: VY002978.D
Acq: 22 Jun 2020 16:57

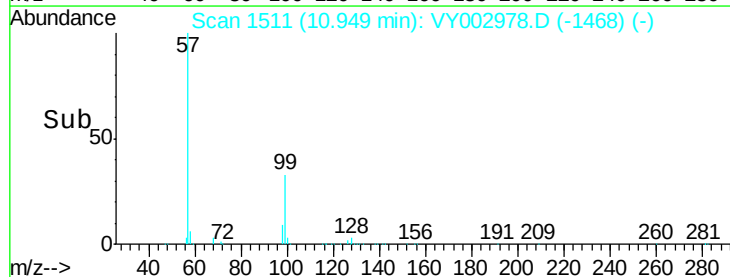
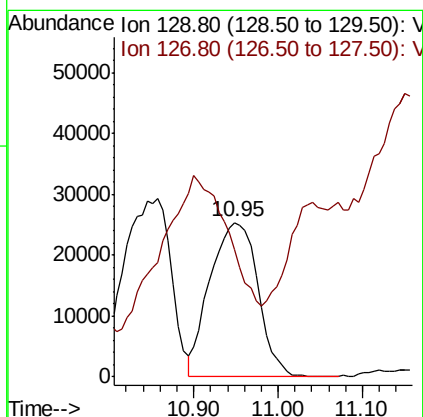
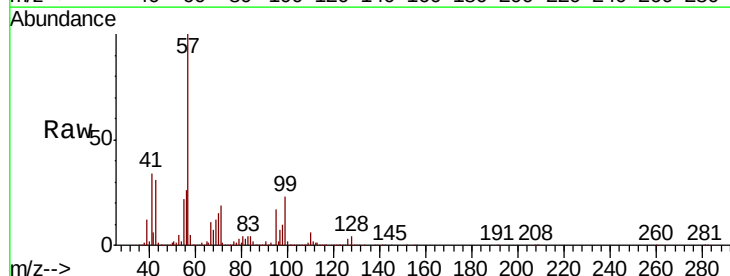
Instrument :
MSVOA_Y
ClientSampled :
SB-A

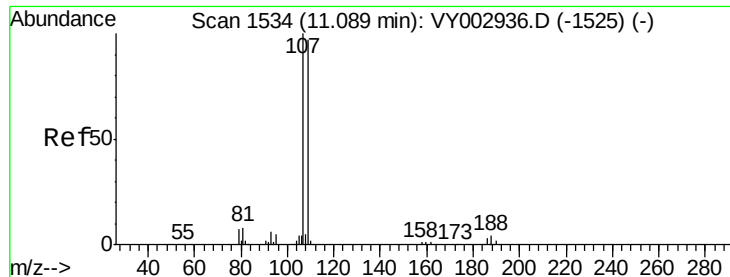
Tot Ion: 43 Resp: 6606539
Ion Ratio Lower Upper
43 100
58 5.5 29.7 89.1#



#60
Dibromochloromethane
Concen: 1126.653 ug/l
RT: 10.95 min Scan# 1511
Delta R.T. -0.04 min
Lab File: VY002978.D
Acq: 22 Jun 2020 16:57

Tgt Ion: 129 Resp: 97943
Ion Ratio Lower Upper
129 100
127 0.0 38.9 116.6#





#61

1,2-Dibromoethane

Concen: 1010.043 ug/l

RT: 11.11 min Scan# 1538

Delta R.T. 0.02 min

Lab File: VY002978.D

Acq: 22 Jun 2020 16:57

Instrument :

MSVOA_Y

ClientSampleId :

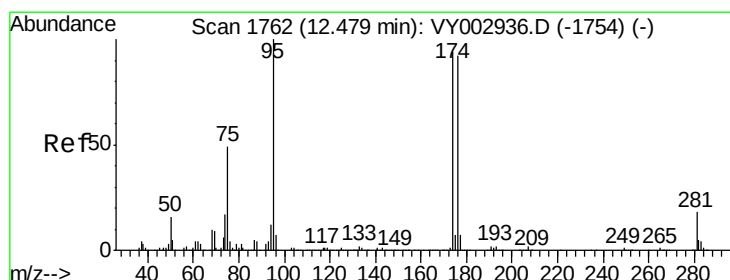
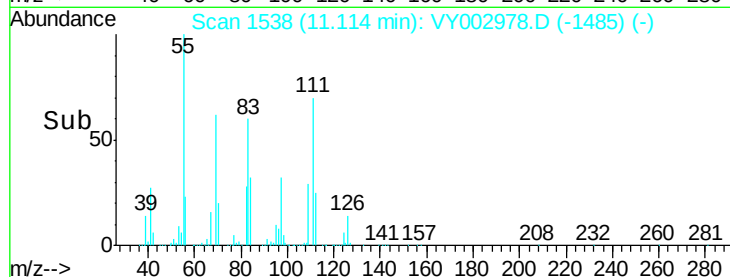
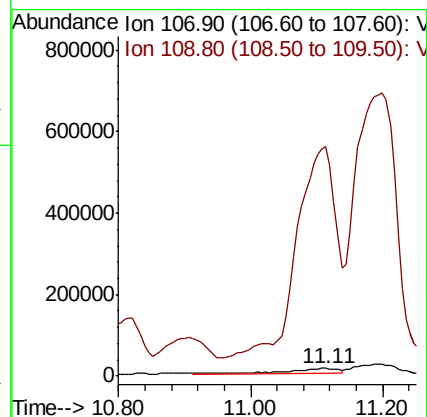
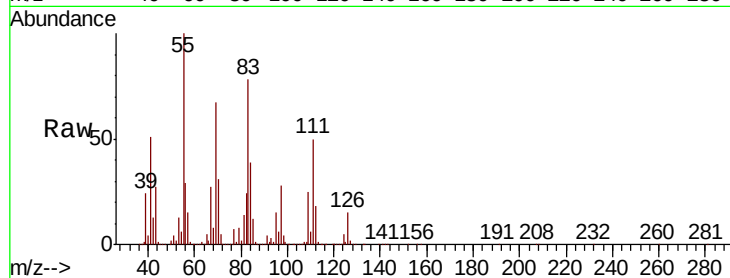
SB-A

Tot Ion:107 Resp: 68306

Ion Ratio Lower Upper

107 100

109 3107.4 76.6 114.8#



#62

4-Bromofluorobenzene

Concen: 4625.237 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY002978.D

Acq: 22 Jun 2020 16:57

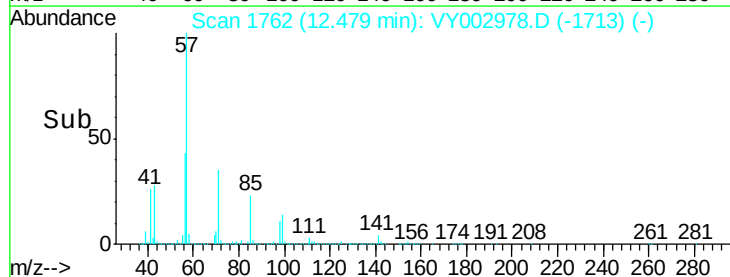
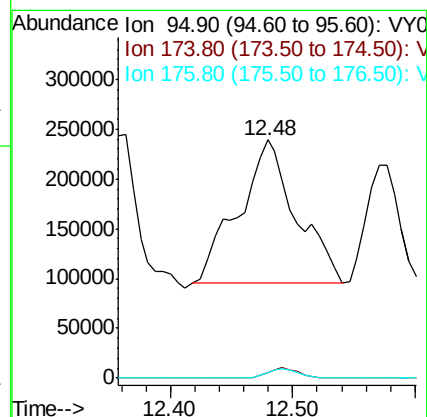
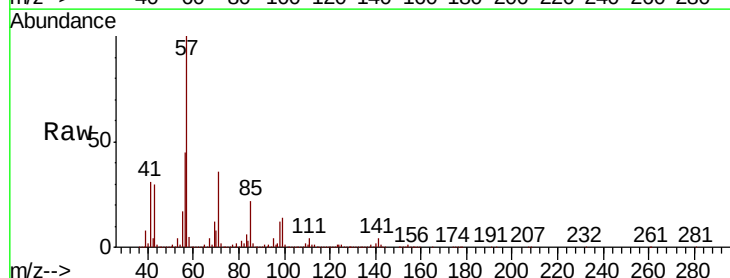
Tgt Ion: 95 Resp: 471265

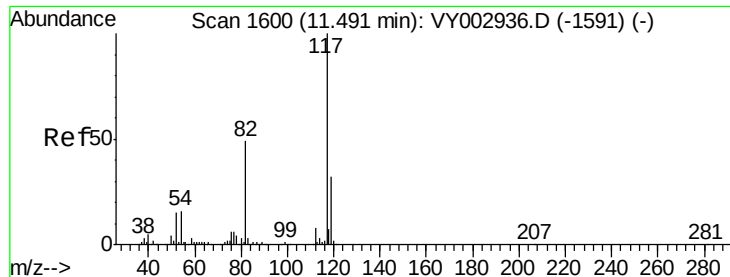
Ion Ratio Lower Upper

95 100

174 3.8 0.0 191.2

176 3.6 0.0 186.0

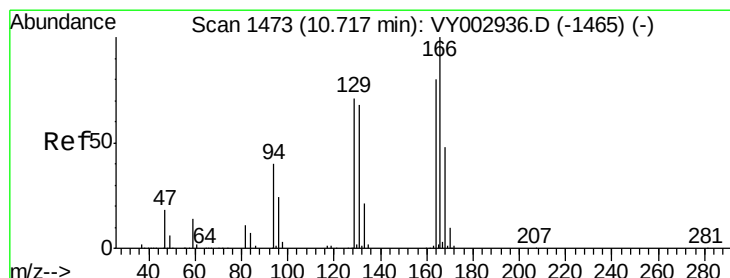
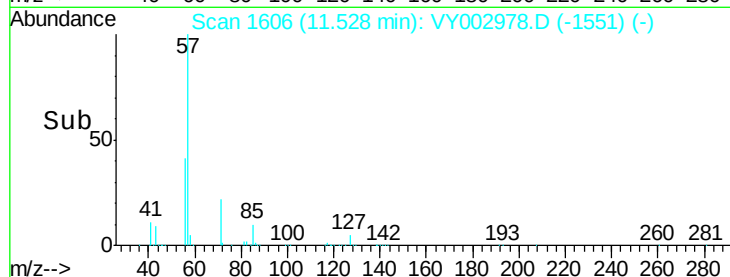
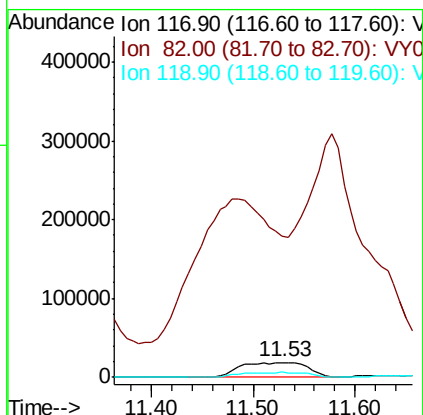
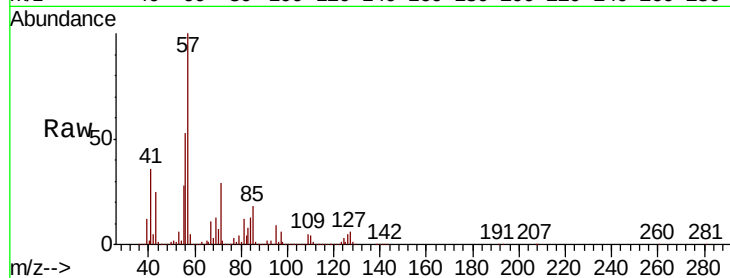




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.53 min Scan# 1606
Delta R.T. 0.04 min
Lab File: VY002978.D
Acq: 22 Jun 2020 16:57

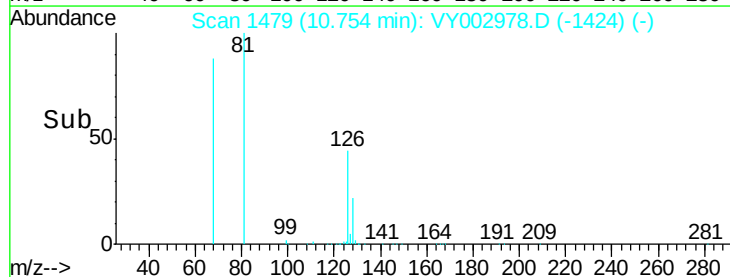
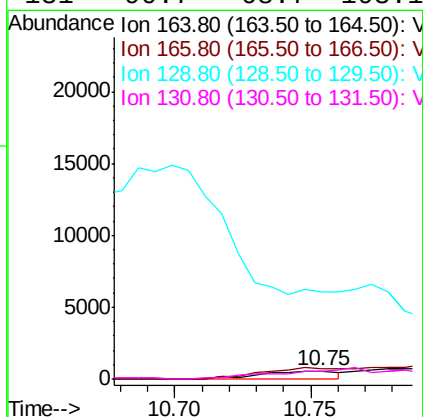
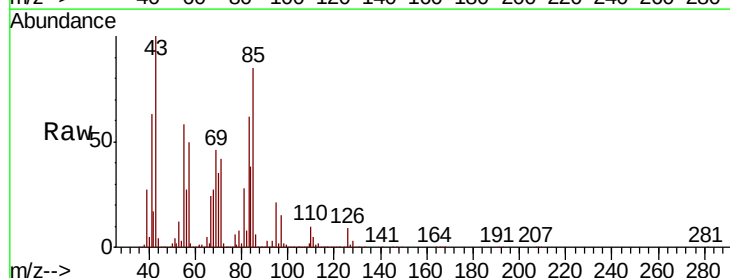
Instrument :
MSVOA_Y
ClientSampled :
SB-A

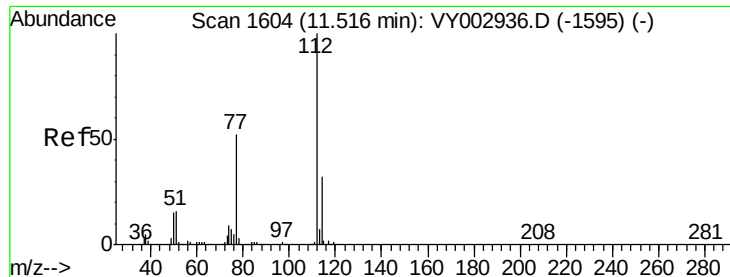
Tot Ion:117 Resp: 85743
Ion Ratio Lower Upper
117 100
82 247.9 39.4 59.0#
119 32.8 25.4 38.0



#64
Tetrachloroethene
Concen: 1.541 ug/l
RT: 10.75 min Scan# 1479
Delta R.T. 0.04 min
Lab File: VY002978.D
Acq: 22 Jun 2020 16:57

Tgt Ion:164 Resp: 1101
Ion Ratio Lower Upper
164 100
166 118.6 100.5 150.7
129 0.2 71.1 106.7#
131 90.7 68.7 103.1

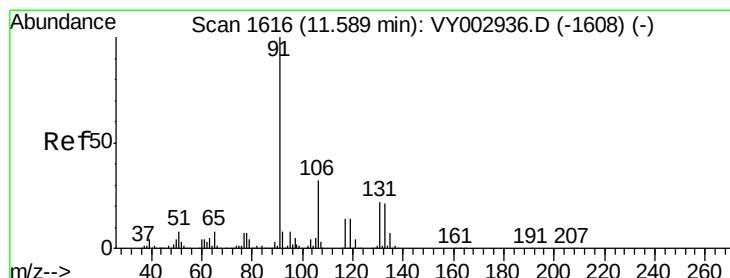
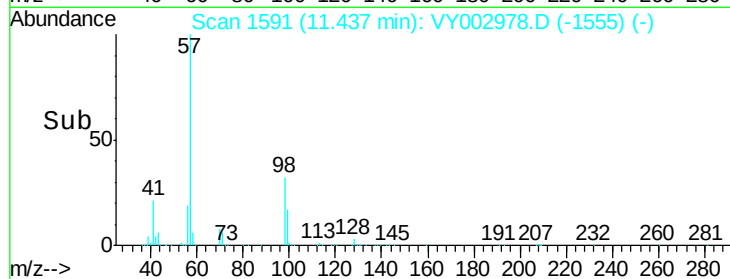
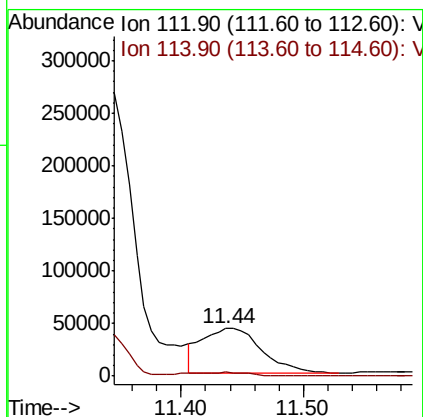
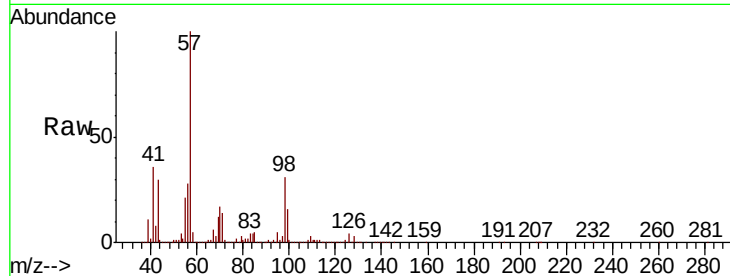




#65
Chlorobenzene
Concen: 88.717 ug/l
RT: 11.44 min Scan# 1591
Delta R.T. -0.08 min
Lab File: VY002978.D
Acq: 22 Jun 2020 16:57

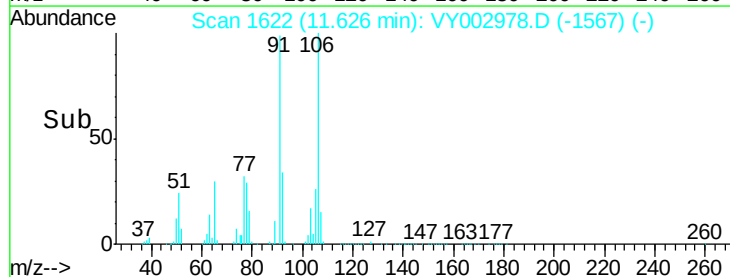
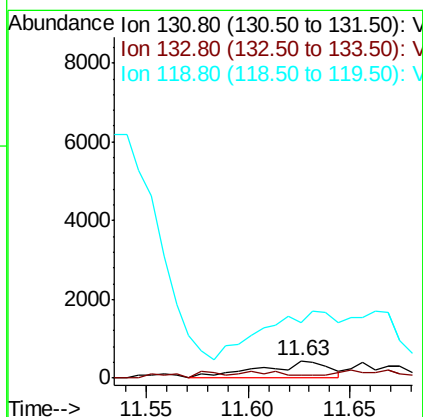
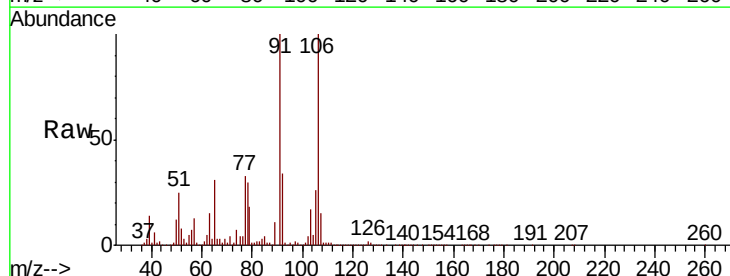
Instrument :
MSVOA_Y
ClientSampled :
SB-A

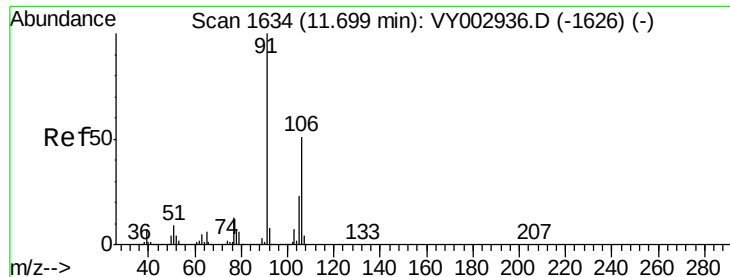
Tot Ion:112 Resp: 143989
Ion Ratio Lower Upper
112 100
114 8.5 26.0 39.0#



#66
1,1,1,2-Tetrachloroethane
Concen: 1.625 ug/l
RT: 11.63 min Scan# 1622
Delta R.T. 0.04 min
Lab File: VY002978.D
Acq: 22 Jun 2020 16:57

Tgt Ion:131 Resp: 997
Ion Ratio Lower Upper
131 100
133 0.0 47.7 143.1#
119 309.6 31.5 94.5#

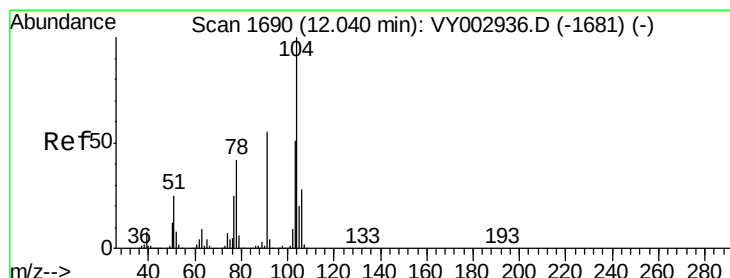
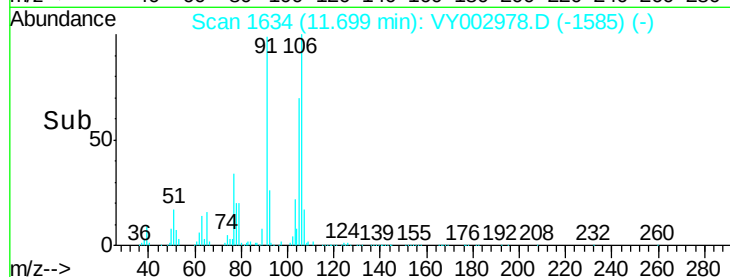
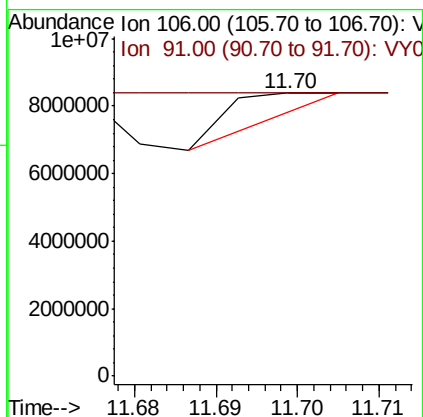
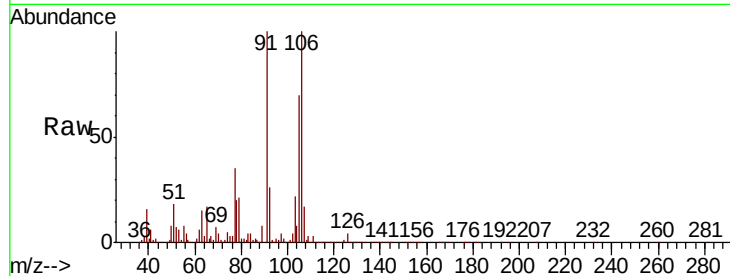




#68
m/p-Xvlenes
Concen: 814.761 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY002978.D
Acq: 22 Jun 2020 16:57

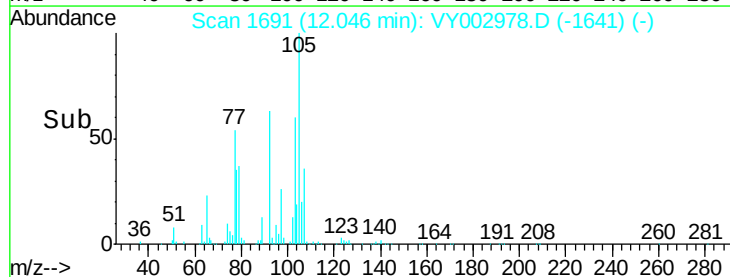
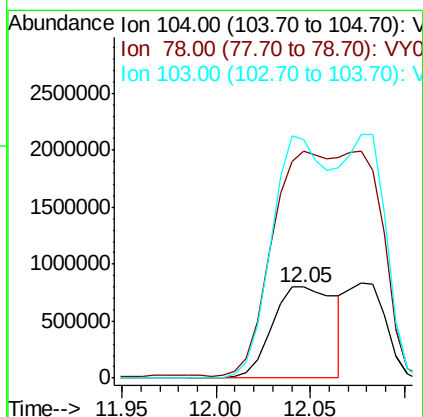
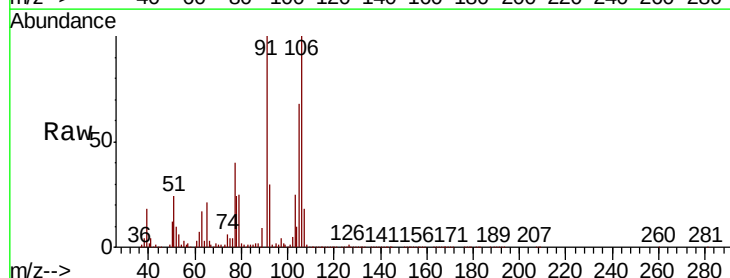
Instrument :
MSVOA_Y
ClientSampleId :
SB-A

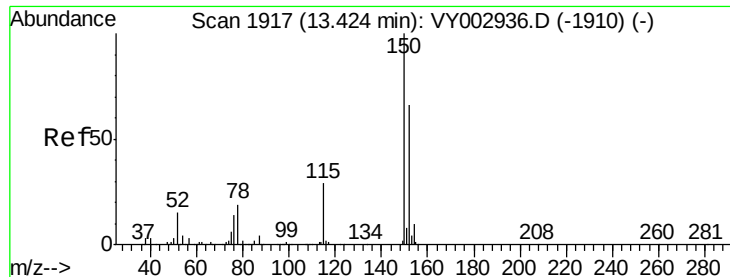
Tot Ion:106 Resp: 886364
Ion Ratio Lower Upper
106 100
91 0.0 155.9 233.9#



#70
Styrene
Concen: 1048.199 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY002978.D
Acq: 22 Jun 2020 16:57

Tgt Ion:104 Resp: 1857209
Ion Ratio Lower Upper
104 100
78 218.2 36.9 55.3#
103 225.4 43.7 65.5#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.01 min

Lab File: VY002978.D

Acq: 22 Jun 2020 16:57

Instrument :

MSVOA_Y

ClientSampleId :

SB-A

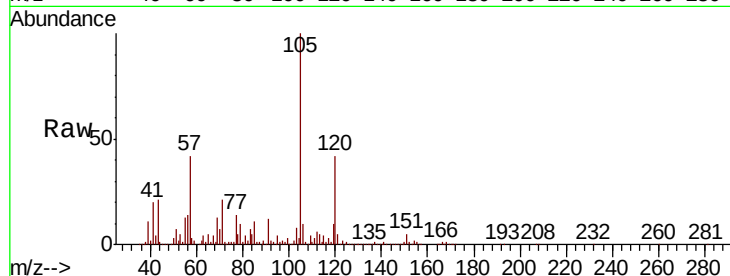
Tot Ion:152 Resp: 56394

Ion Ratio Lower Upper

152 100

115 0.0 26.9 80.6#

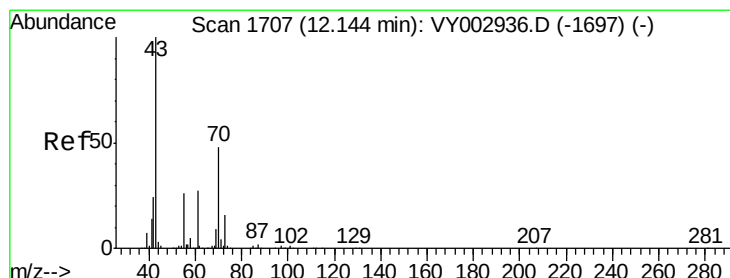
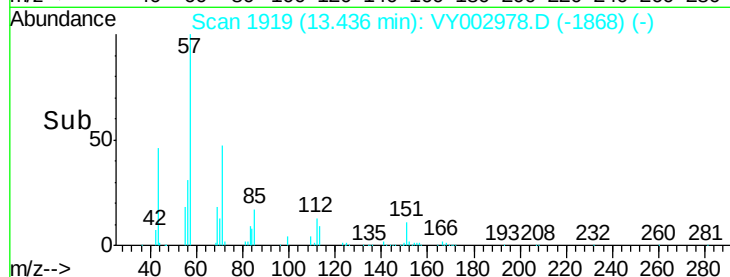
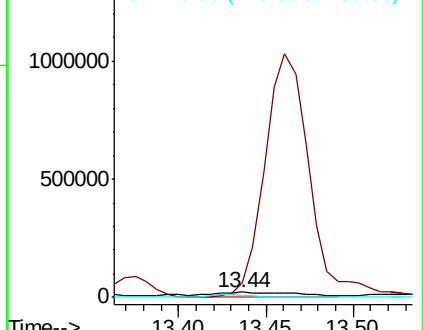
150 30.3 0.0 341.8



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



#74

N-ethyl acetate

Concen: 3017.771 ug/l

RT: 12.13 min Scan# 1705

Delta R.T. -0.01 min

Lab File: VY002978.D

Acq: 22 Jun 2020 16:57

Tgt Ion: 43 Resp: 2686085

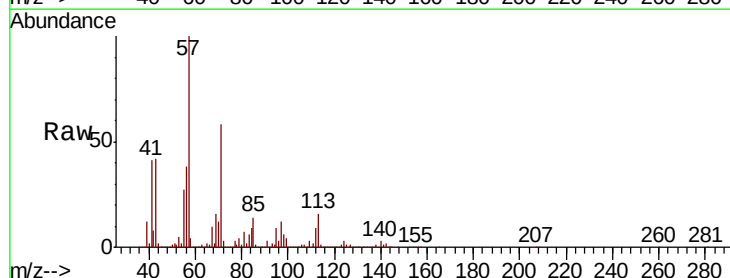
Ion Ratio Lower Upper

43 100

70 47.8 38.0 57.0

55 89.2 20.3 30.5#

61 0.0 21.4 32.2#

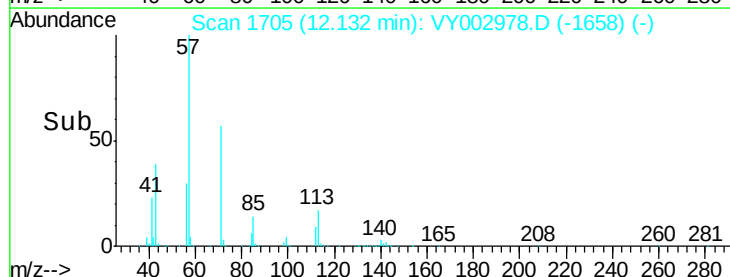
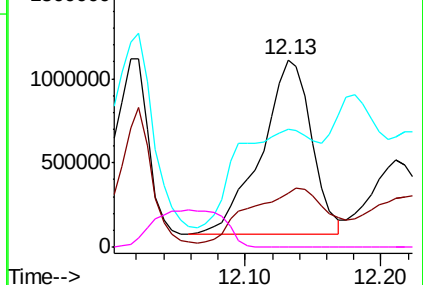


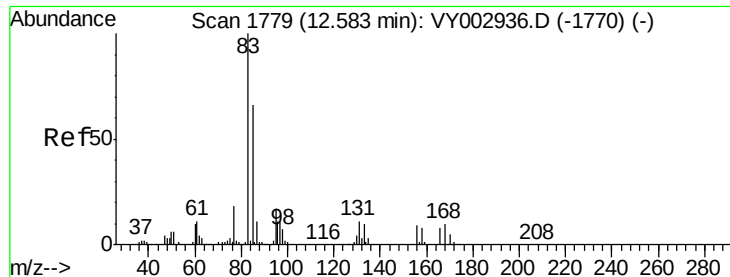
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 912.697 ug/l

RT: 12.55 min Scan# 1774

Delta R.T. -0.03 min

Lab File: VY002978.D

Acq: 22 Jun 2020 16:57

Instrument :

MSVOA_Y

ClientSampleId :

SB-A

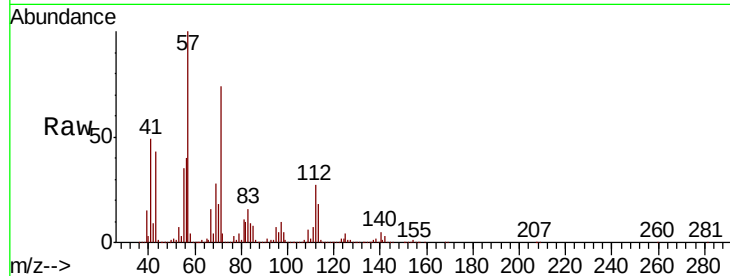
Tot Ion: 83 Resp: 584864

Ion Ratio Lower Upper

83 100

131 0.0 5.9 17.7#

85 34.4 32.8 98.3

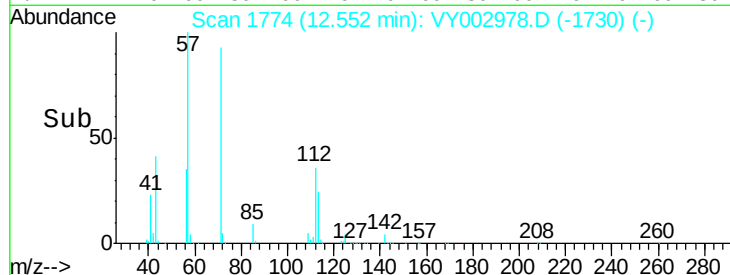


Abundance Ion 82.90 (82.60 to 83.60): VY0

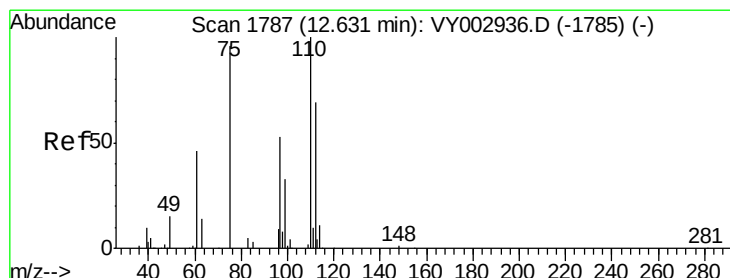
Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0

Time-->



Time-->



#76

1,2,3-Trichloropropane

Concen: 1181.565 ug/l

RT: 12.69 min Scan# 1796

Delta R.T. 0.06 min

Lab File: VY002978.D

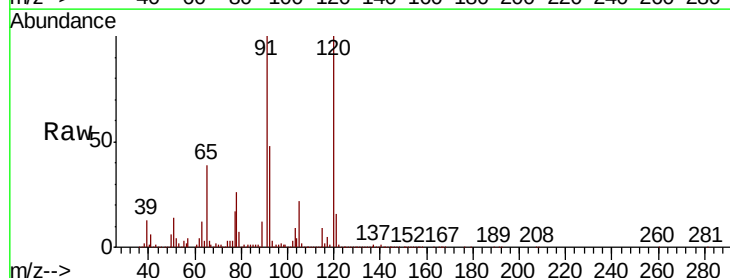
Acq: 22 Jun 2020 16:57

Tgt Ion: 75 Resp: 580307

Ion Ratio Lower Upper

75 100

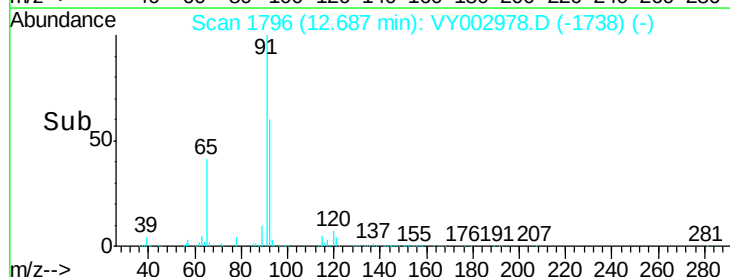
77 647.2 0.0 0.0#



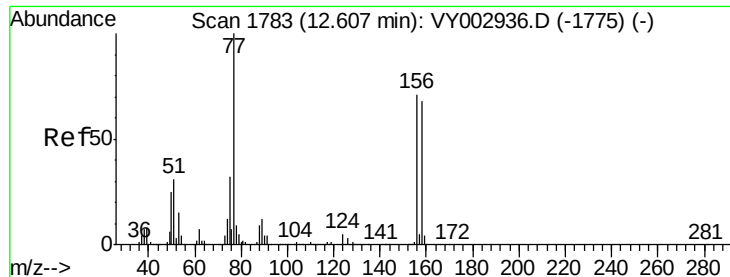
Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0

Time-->



Time-->



#77

Bromobenzene

Concen: 15.303 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY002978.D

Acq: 22 Jun 2020 16:57

Instrument :

MSVOA_Y

ClientSampleId :

SB-A

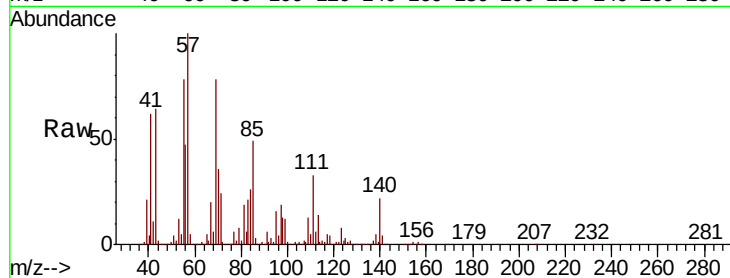
Tot Ion:156 Resp: 13848

Ion Ratio Lower Upper

156 100

77 0.0 80.5 241.5#

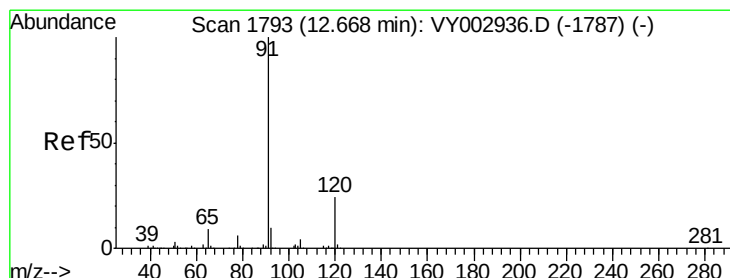
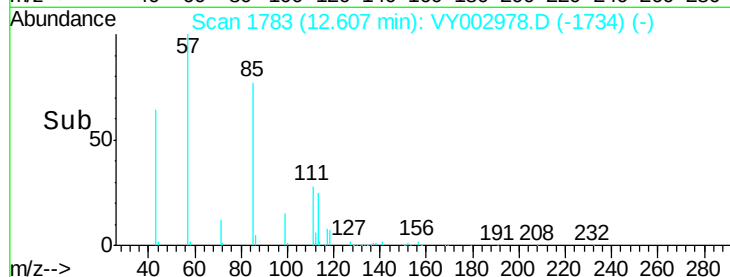
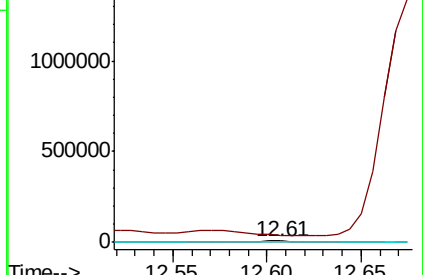
158 1.1 48.2 144.6#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 3092.699 ug/l

RT: 12.75 min Scan# 1806

Delta R.T. 0.08 min

Lab File: VY002978.D

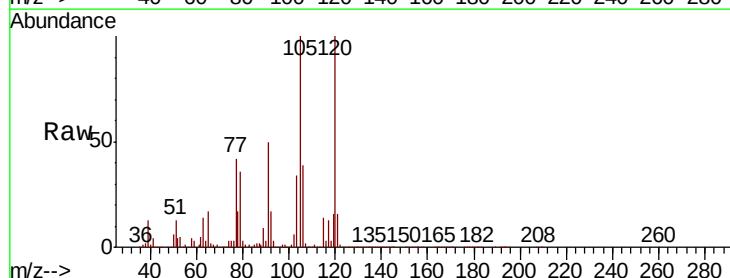
Acq: 22 Jun 2020 16:57

Tgt Ion: 91 Resp:12401205

Ion Ratio Lower Upper

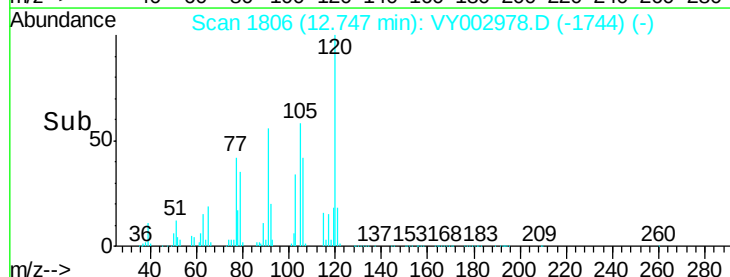
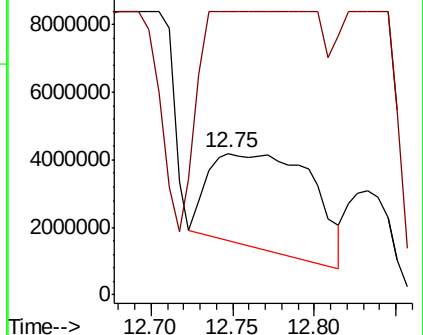
91 100

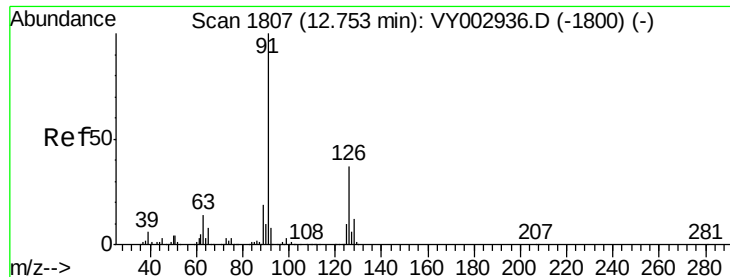
120 21.0 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 5521.707 ug/l

RT: 12.75 min Scan# 1806

Delta R.T. -0.01 min

Lab File: VY002978.D

Acq: 22 Jun 2020 16:57

Instrument :

MSVOA_Y

ClientSampleId :

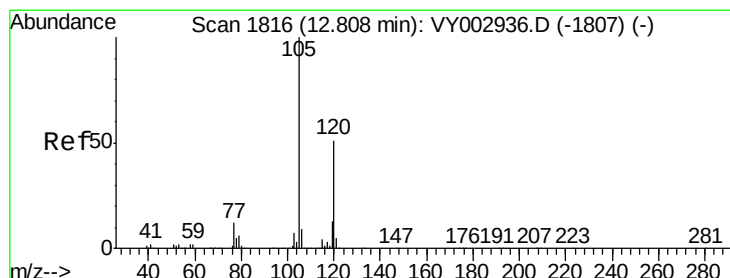
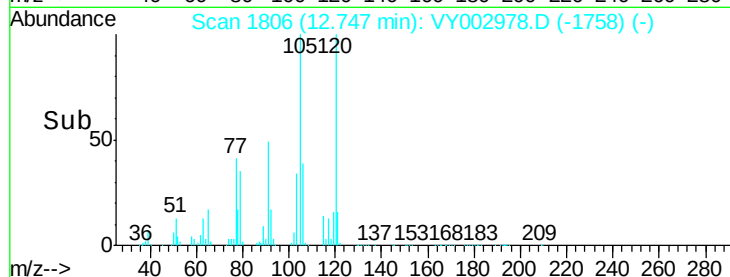
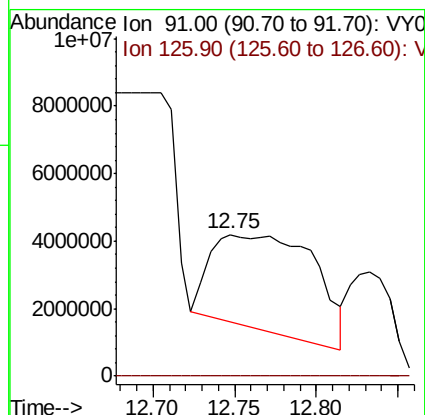
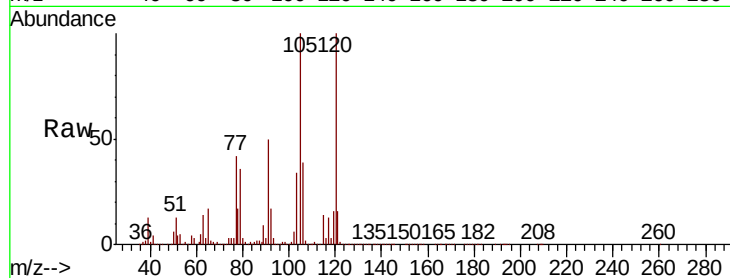
SB-A

Tot Ion: 91 Resp:12401205

Ion Ratio Lower Upper

91 100

126 0.0 18.5 55.5#



#80

1,3,5-Trimethylbenzene

Concen: 1132.763 ug/l

RT: 12.73 min Scan# 1803

Delta R.T. -0.08 min

Lab File: VY002978.D

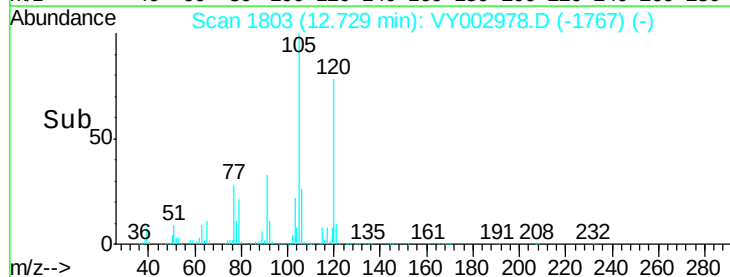
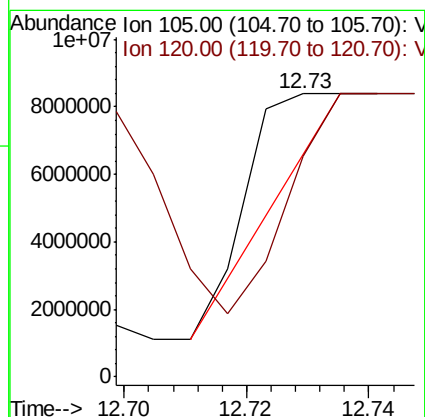
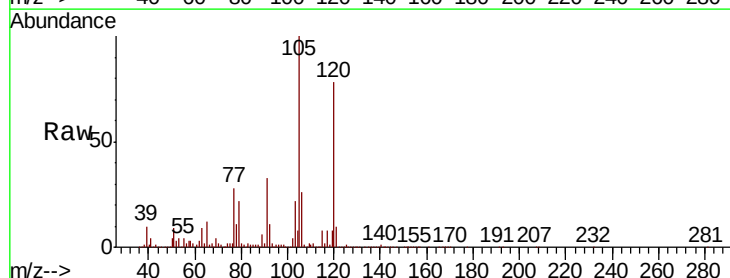
Acq: 22 Jun 2020 16:57

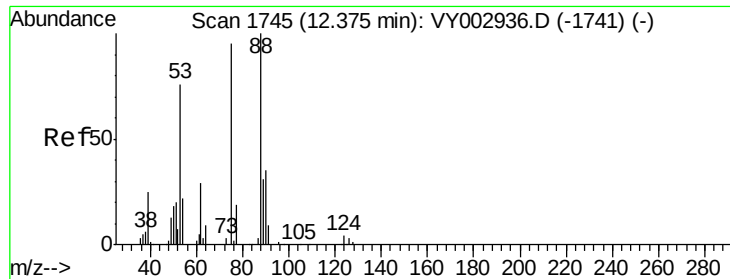
Tgt Ion:105 Resp: 3263824

Ion Ratio Lower Upper

105 100

120 79.9 25.6 76.6#





#81

trans-1,4-Dichloro-2-butene

Concen: 3070.012 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. -0.04 min

Lab File: VY002978.D

Acq: 22 Jun 2020 16:57

Instrument :

MSVOA_Y

ClientSampled :

SB-A

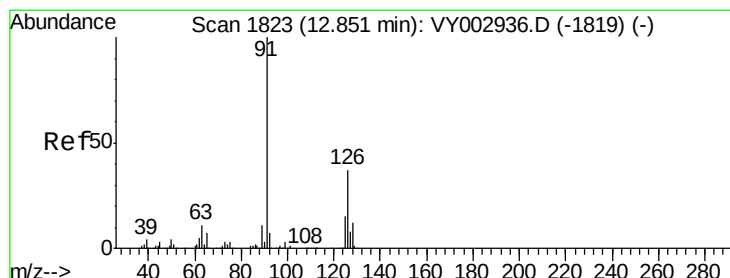
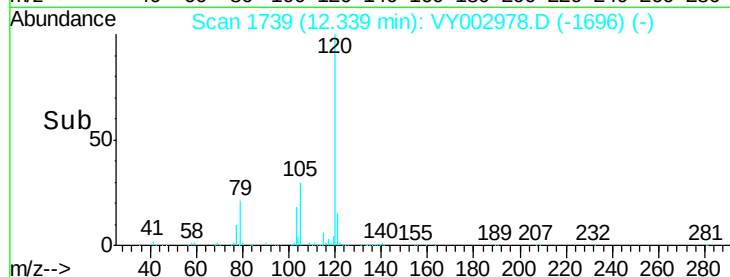
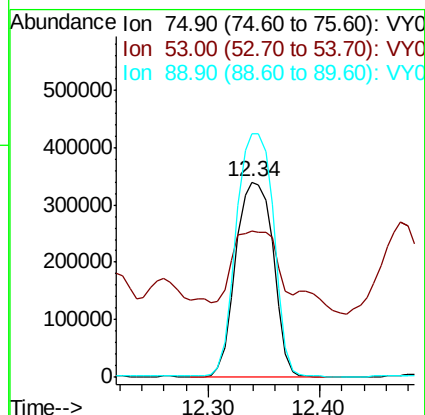
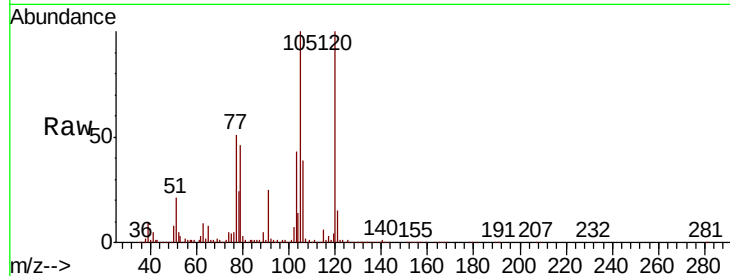
Tot Ion: 75 Resp: 789748

Ion Ratio Lower Upper

75 100

53 42.3 65.1 97.7#

89 124.7 38.4 57.6#



#82

4-Chlorotoluene

Concen: 2330.362 ug/l

RT: 12.83 min Scan# 1820

Delta R.T. -0.02 min

Lab File: VY002978.D

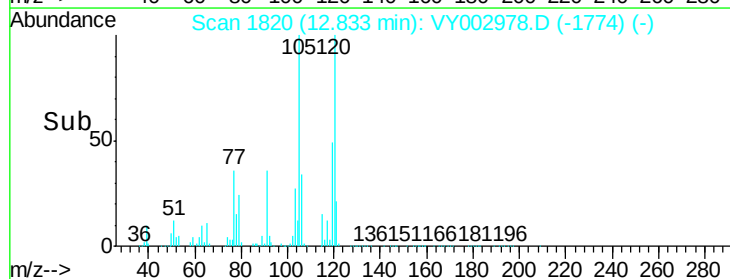
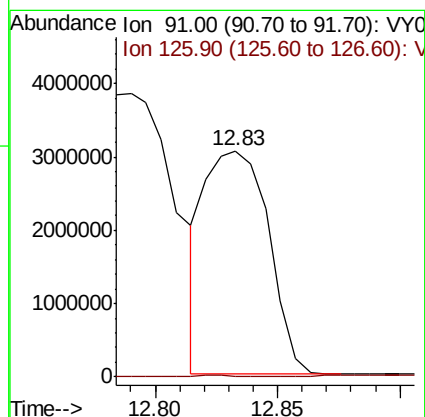
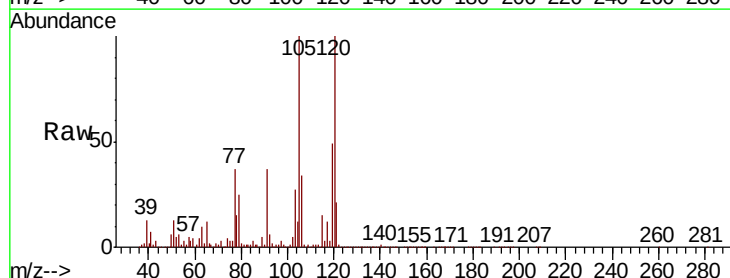
Acq: 22 Jun 2020 16:57

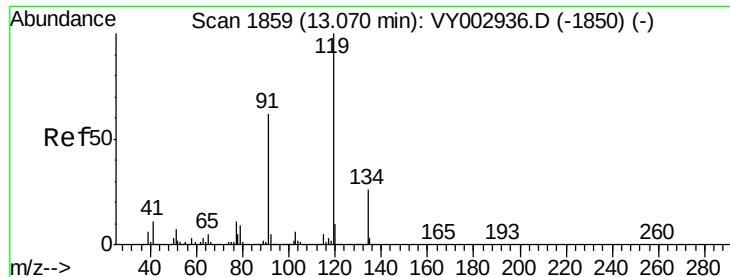
Tgt Ion: 91 Resp: 5504096

Ion Ratio Lower Upper

91 100

126 0.5 18.6 55.8#

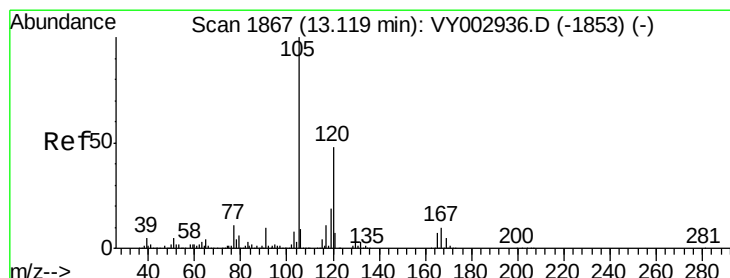
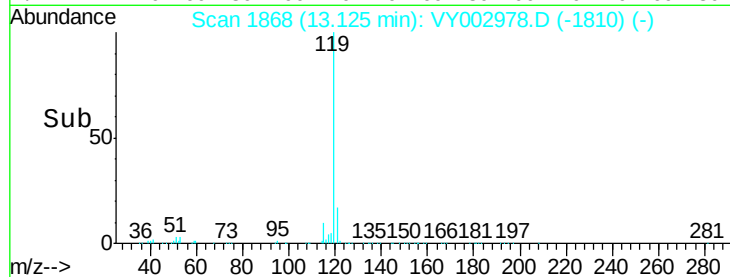
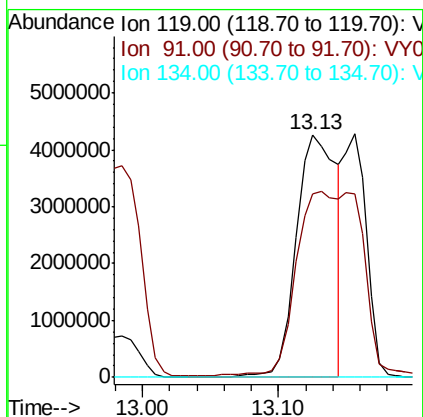
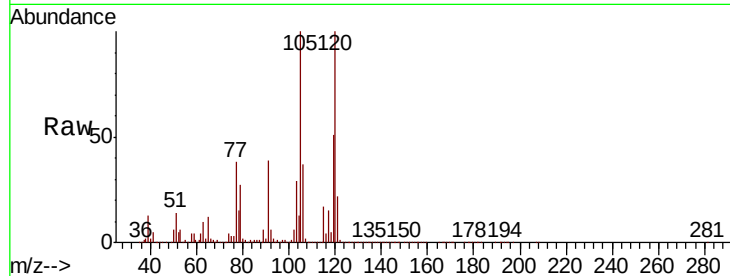




#83
 tert-Butylbenzene
 Concen: 3383.369 ug/l
 RT: 13.13 min Scan# 1868
 Delta R.T. 0.06 min
 Lab File: VY002978.D
 Acq: 22 Jun 2020 16:57

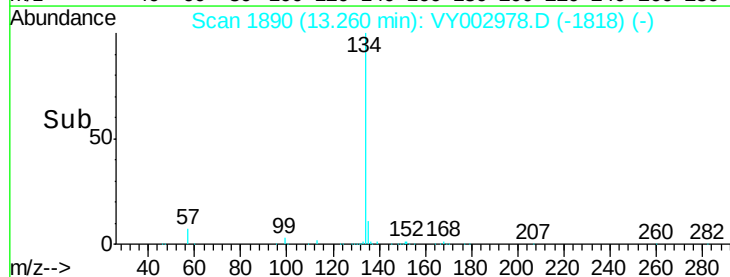
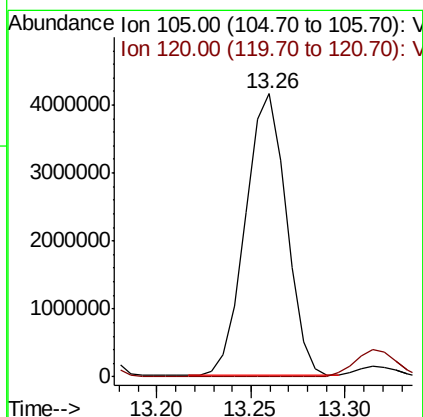
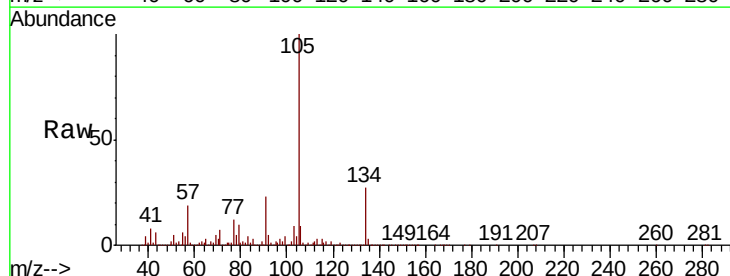
Instrument :
 MSVOA_Y
 ClientSampled :
 SB-A

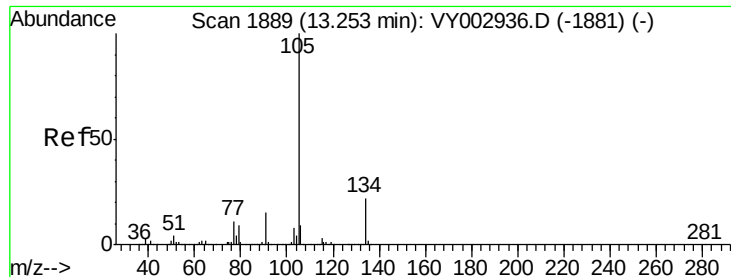
Tot Ion:119 Resp: 8731961
 Ion Ratio Lower Upper
 119 100
 91 122.9 29.9 89.7#
 134 0.0 13.3 39.8#



#84
 1,2,4-Trimethylbenzene
 Concen: 2156.507 ug/l
 RT: 13.26 min Scan# 1890
 Delta R.T. 0.14 min
 Lab File: VY002978.D
 Acq: 22 Jun 2020 16:57

Tgt Ion:105 Resp: 6252383
 Ion Ratio Lower Upper
 105 100
 120 0.0 23.5 70.5#

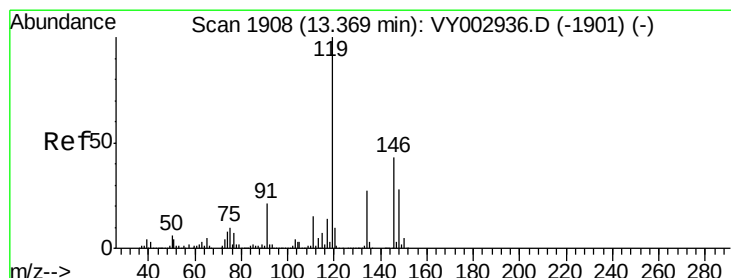
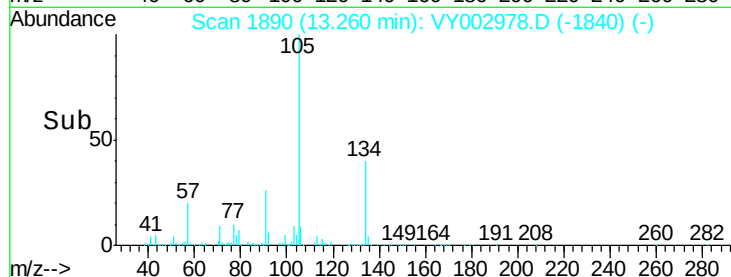
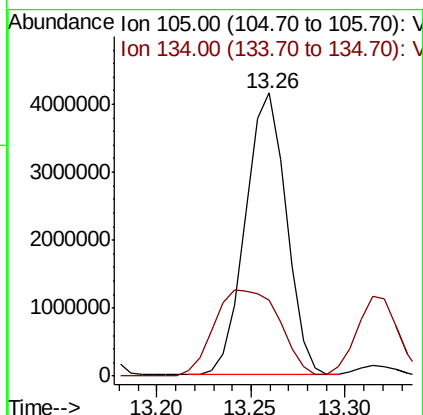
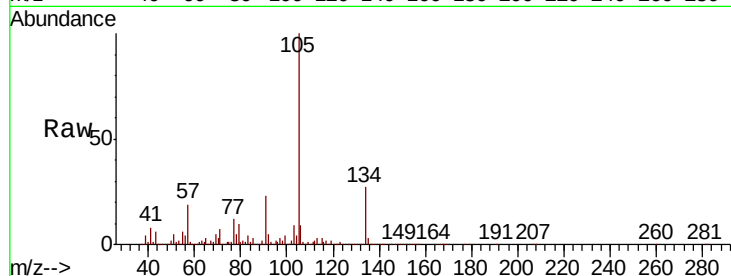




#85
 sec-Butylbenzene
 Concen: 1780.928 ug/l
 RT: 13.26 min Scan# 1890
 Delta R.T. 0.01 min
 Lab File: VY002978.D
 Acq: 22 Jun 2020 16:57

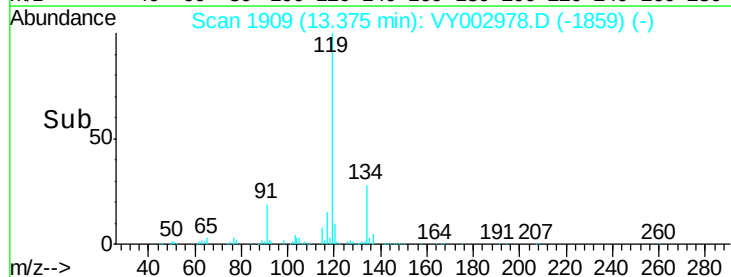
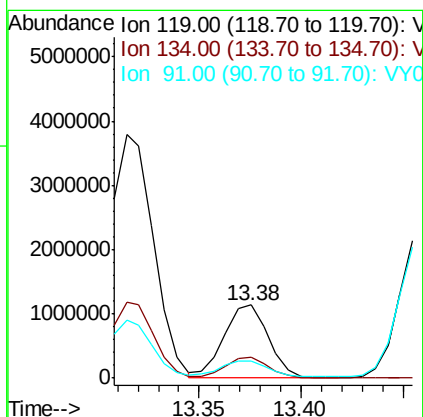
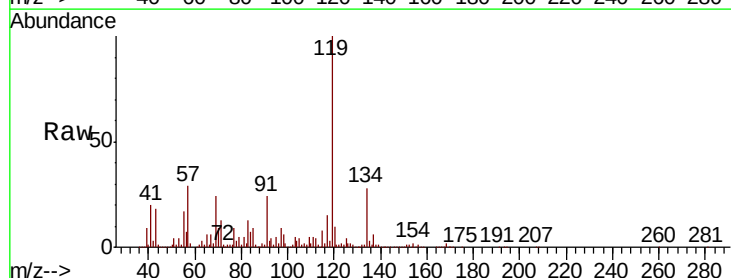
Instrument :
 MSVOA_Y
 ClientSampled :
 SB-A

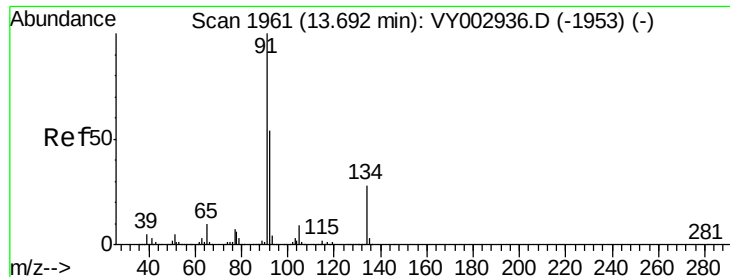
Tot Ion:105 Resp: 6252383
 Ion Ratio Lower Upper
 105 100
 134 49.1 10.8 32.4#



#86
 p-Isopropyltoluene
 Concen: 522.836 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. 0.01 min
 Lab File: VY002978.D
 Acq: 22 Jun 2020 16:57

Tgt Ion:119 Resp: 1721731
 Ion Ratio Lower Upper
 119 100
 134 28.0 13.6 40.8
 91 24.4 10.8 32.4





#89

n-Butylbenzene

Concen: 1656.065 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. 0.01 min

Lab File: VY002978.D

Acq: 22 Jun 2020 16:57

Instrument :

MSVOA_Y

ClientSampleId :

SB-A

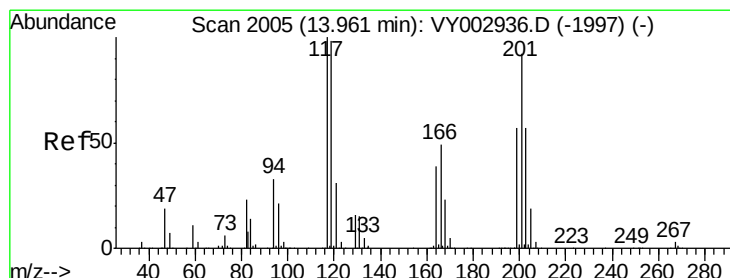
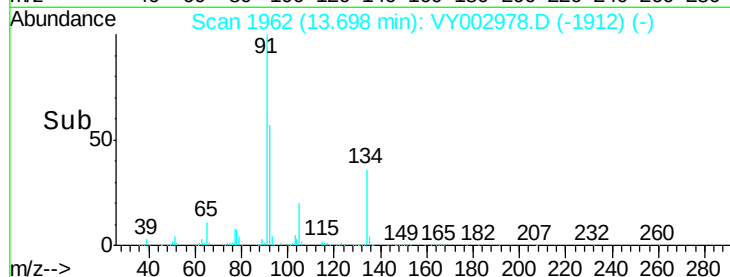
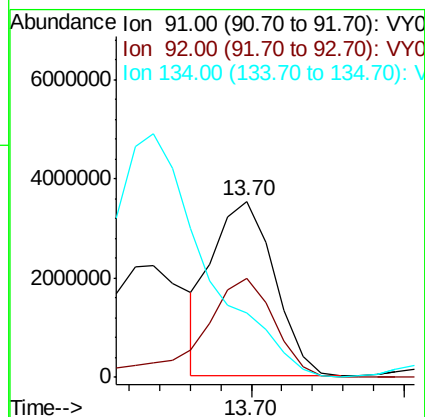
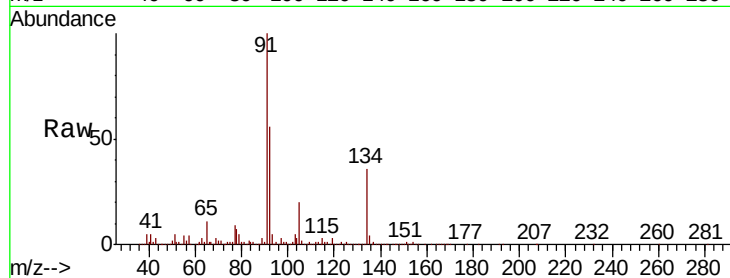
Tot Ion: 91 Resp: 4930031

Ion Ratio Lower Upper

91 100

92 66.2 27.0 80.8

134 0.0 14.5 43.5#



#90

Hexachloroethane

Concen: 1934.419 ug/l

RT: 13.97 min Scan# 2007

Delta R.T. 0.01 min

Lab File: VY002978.D

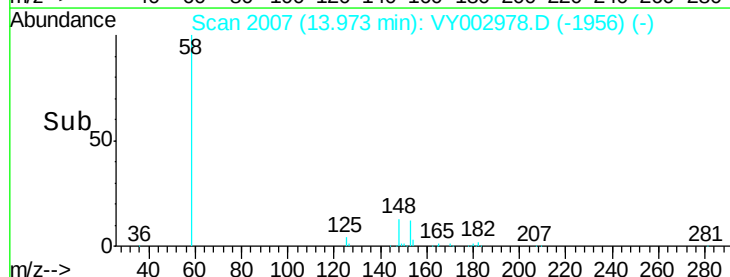
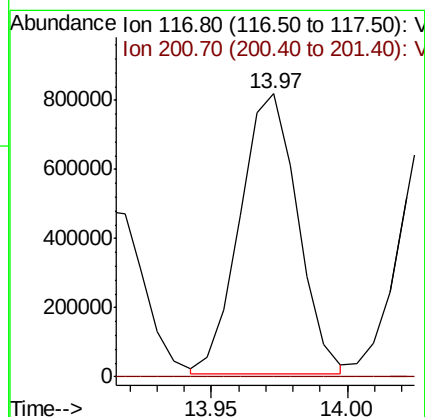
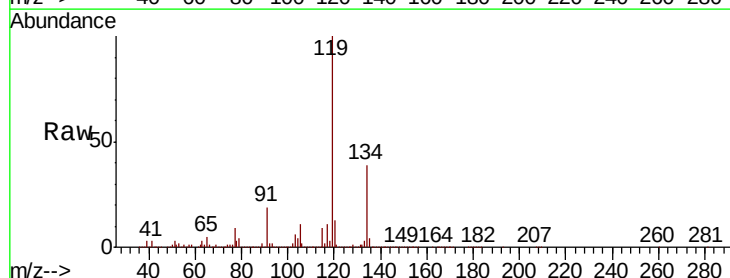
Acq: 22 Jun 2020 16:57

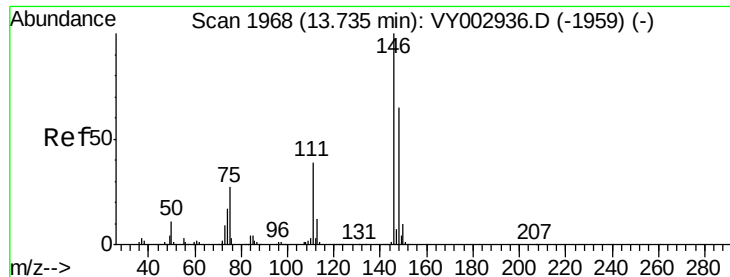
Tgt Ion: 117 Resp: 1186528

Ion Ratio Lower Upper

117 100

201 0.0 45.1 135.5#





#91

1,2-Dichlorobenzene

Concen: 1.083 ug/l

RT: 13.78 min Scan# 1975

Delta R.T. 0.04 min

Lab File: VY002978.D

Acq: 22 Jun 2020 16:57

Instrument :

MSVOA_Y

ClientSampleId :

SB-A

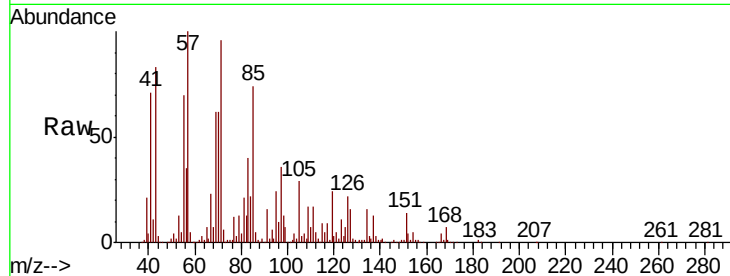
Tot Ion:146 Resp: 1682

Ion Ratio Lower Upper

146 100

111 4122.5 18.9 56.9#

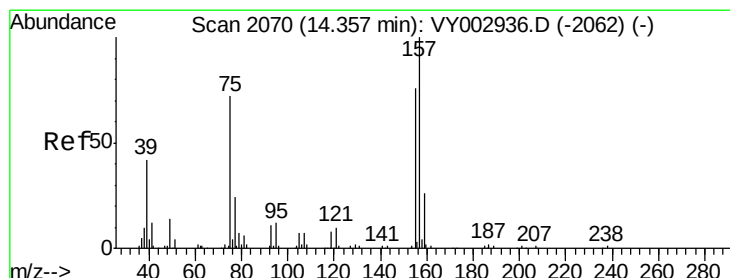
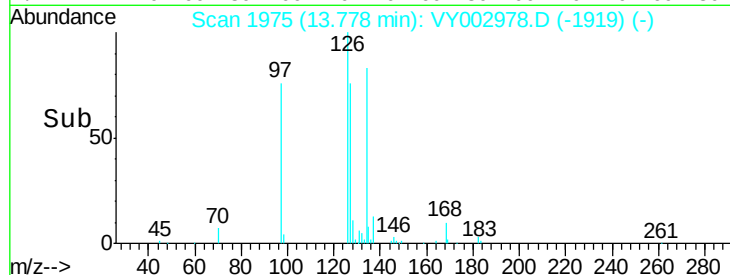
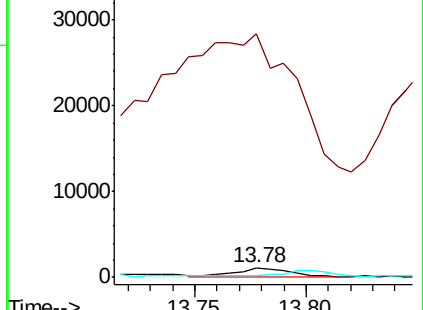
148 0.0 32.0 96.2#



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 44.213 ug/l

RT: 14.38 min Scan# 2073

Delta R.T. 0.02 min

Lab File: VY002978.D

Acq: 22 Jun 2020 16:57

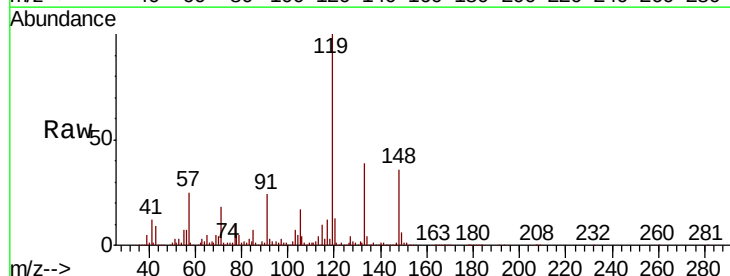
Tgt Ion: 75 Resp: 5293

Ion Ratio Lower Upper

75 100

155 8.8 53.1 159.4#

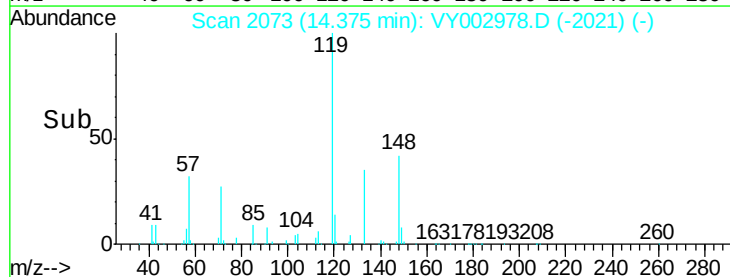
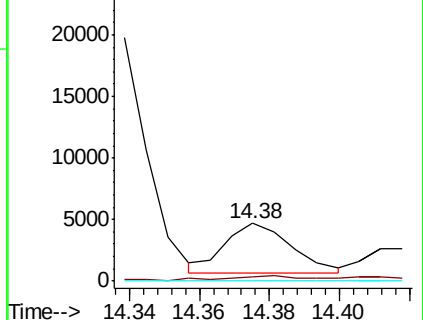
157 0.0 69.0 206.9#

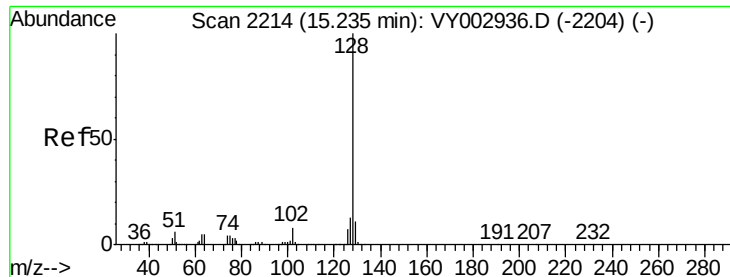


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

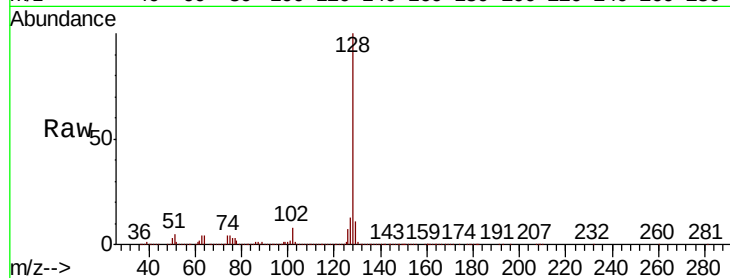




#95
Naphthalene
Concen: 1912.857 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY002978.D
Acq: 22 Jun 2020 16:57

Instrument :
MSVOA_Y
ClientSampleId :
SB-A

Tot Ion:128 Resp: 4441224
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 11.1 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

