

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY062220\
 Data File : VY002980.D
 Acq On : 22 Jun 2020 17:45
 Operator : SY/MD
 Sample : L3071-05
 Misc : 12.44G/5ML/MSVOA Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-C

Quant Time: Jun 23 08:17:06 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	7.83	168	41497	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.75	114	108118	50.00	ug/l	0.06
63) Chlorobenzene-d5	11.53	117	127160	50.00	ug/l	0.04
72) 1,4-Dichlorobenzene-d4	13.43	152	61976	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.36	65	301521	879.69	ug/l	0.21
Spiked Amount	50.000		Recovery	=	1759.38%	
35) Dibromofluoromethane	7.75	113	76589	125.20	ug/l	0.02
Spiked Amount	50.000		Recovery	=	250.40%	
50) Toluene-d8	10.23	98	2021961	838.25	ug/l	0.05
Spiked Amount	50.000		Recovery	=	1676.50%	
62) 4-Bromofluorobenzene	12.48	95	276009	329.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	659.74%	

Target Compounds

						Qvalue
3) Chloromethane	2.07	50	73141	243.500	ug/l #	70
4) Vinyl Chloride	2.35	62	406	1.259	ug/l #	42
6) Chloroethane	2.76	64	4861	23.303	ug/l #	1
8) Diethyl Ether	3.57	74	427	2.043	ug/l #	6
11) Tert butyl alcohol	4.99	59	1110	14.939	ug/l #	74
13) Acrolein	3.68	56	3716340	107927.749	ug/l #	15
15) Acrylonitrile	5.28	53	498434	4973.475	ug/l #	44
16) Acetone	3.99	43	29621620	348926.895	ug/l #	54
17) Carbon Disulfide	4.18	76	24338	23.801	ug/l #	90
18) Methyl Acetate	4.55	43	392934	1964.300	ug/l #	49
20) Methylene Chloride	4.65	84	4902796	13717.081	ug/l #	25
24) 1,1-Dichloroethane	6.13	63	823272	1364.442	ug/l #	80
28) Bromochloromethane	7.60	49	276172	1094.731	ug/l #	3
29) Tetrahydrofuran	7.64	42	1466495	17846.684	ug/l #	29
30) Chloroform	7.60	83	13918234	22024.371	ug/l #	25
31) Cyclohexane	7.95	56	41218299	70033.195	ug/l #	54
32) 1,1,1-Trichloroethane	7.92	97	43880	75.355	ug/l #	25
36) 1,1-Dichloropropene	8.19	75	39025	44.444	ug/l #	39
37) Ethyl Acetate	7.39	43	330830	678.531	ug/l #	66
38) Carbon Tetrachloride	7.83	117	4073	4.209	ug/l #	19
39) Methylcyclohexane	9.25	83	15421753	13323.655	ug/l #	81
40) Benzene	8.25	78	8836002	3380.060	ug/l	94
41) Methacrylonitrile	7.36	41	138988	569.394	ug/l #	1
42) 1,2-Dichloroethane	8.32	62	12525	17.263	ug/l #	70
43) Isopropyl Acetate	8.37	43	227316	250.368	ug/l #	50
45) 1,2-Dichloropropane	9.25	63	54090	86.039	ug/l #	1
46) Dibromomethane	9.32	93	23973	63.866	ug/l #	1
47) Bromodichloromethane	9.61	83	31266424	35677.694	ug/l #	25
48) Methyl methacrylate	9.38	41	39970671	98113.182	ug/l #	9
49) 1,4-Dioxane	9.37	88	137	24.903	ug/l #	1
52) Toluene	10.27	92	6035517	3567.377	ug/l #	1
53) t-1,3-Dichloropropene	10.67	75	38323	40.236	ug/l #	1
54) cis-1,3-Dichloropropene	9.96	75	14528	13.475	ug/l #	1
55) 1,1,2-Trichloroethane	10.69	97	8210096	14666.773	ug/l #	13

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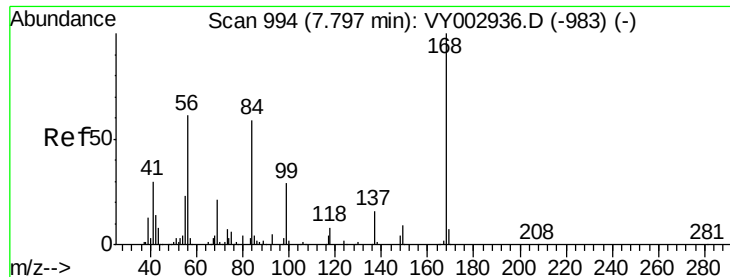
Instrument :
 MSVOA_Y
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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

56) Ethyl methacrylate	10.61	69	1643577	2178.131	ug/l #	1
57) 1,3-Dichloropropane	10.85	76	2581	2.765	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.85	63	115934	308.472	ug/l #	43
59) 2-Hexanone	10.95	43	4483350	13254.179	ug/l #	48
60) Dibromochloromethane	11.30	129	101507	142.190	ug/l	58
61) 1,2-Dibromoethane	11.19	107	67153	120.921	ug/l #	1
64) Tetrachloroethene	10.78	164	1817	1.715	ug/l #	47
65) Chlorobenzene	11.68	112	75990	31.570	ug/l #	42
67) Ethyl Benzene	11.69	91	1816609	437.541	ug/l #	1
68) m/p-Xylenes	11.70	106	2745852	1701.936	ug/l #	14
70) Styrene	12.06	104	2613185	994.492	ug/l #	27
74) N-amyl acetate	12.13	43	1678820	1716.248	ug/l #	57
75) 1,1,2,2-Tetrachloroethane	12.55	83	109630	155.672	ug/l #	46
76) 1,2,3-Trichloropropane	12.68	75	445442	825.278	ug/l #	100
77) Bromobenzene	12.59	156	12813	12.884	ug/l #	1
78) n-propylbenzene	12.76	91	11477306	2604.492	ug/l	85
79) 2-Chlorotoluene	12.76	91	11477306	4650.063	ug/l #	38
80) 1,3,5-Trimethylbenzene	12.73	105	3273141	1033.680	ug/l #	11
81) trans-1,4-Dichloro-2-buten	12.34	75	590408	2088.398	ug/l #	42
82) 4-Chlorotoluene	12.83	91	5027754	1936.960	ug/l #	39
83) tert-Butylbenzene	13.13	119	6945158	2448.663	ug/l #	29
84) 1,2,4-Trimethylbenzene	13.26	105	5076394	1593.199	ug/l #	30
85) sec-Butylbenzene	13.26	105	5076394	1315.726	ug/l #	42
86) p-Isopropyltoluene	13.38	119	1756692	485.406	ug/l	97
89) n-Butylbenzene	13.70	91	5375363	1643.028	ug/l #	72
90) Hexachloroethane	13.97	117	1619081	2401.875	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	14.33	75	60557	460.280	ug/l #	1
95) Naphthalene	15.23	128	7353591	2881.965	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.83 min Scan# 999

Delta R.T. 0.03 min

Lab File: VY002980.D

Acq: 22 Jun 2020 17:45

Instrument :

MSVOA_Y

ClientSampleId :

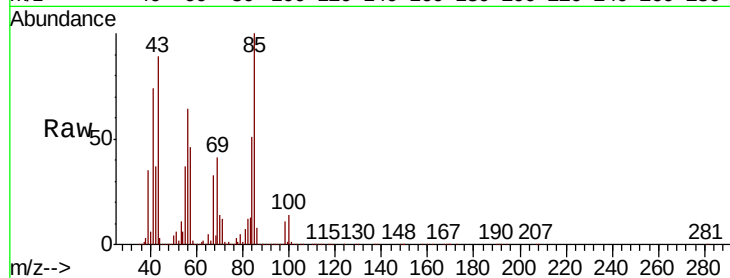
SB-C

Tot Ion:168 Resp: 41497

Ion Ratio Lower Upper

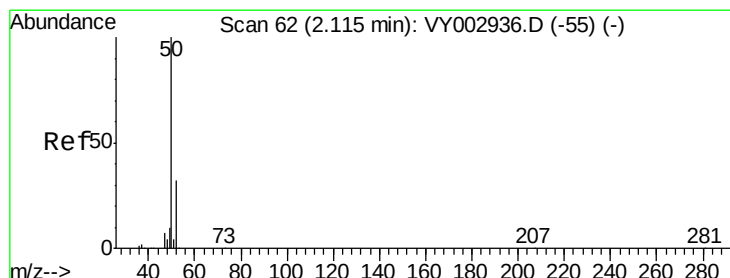
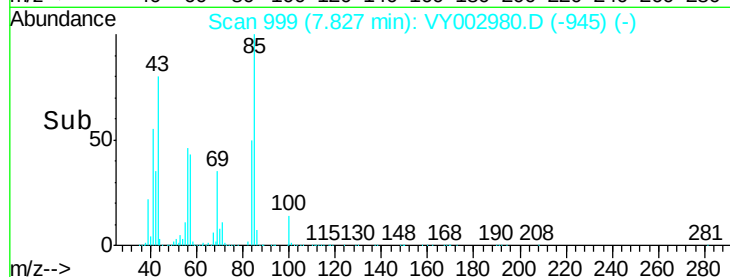
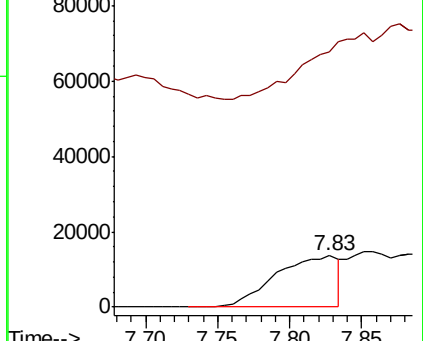
168 100

99 82.3 39.5 59.3#



Abundance Ion 167.90 (167.60 to 168.60): VY002936.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY002936.D (-983) (-)



#3

Chloromethane

Concen: 243.500 ug/l

RT: 2.07 min Scan# 54

Delta R.T. -0.05 min

Lab File: VY002980.D

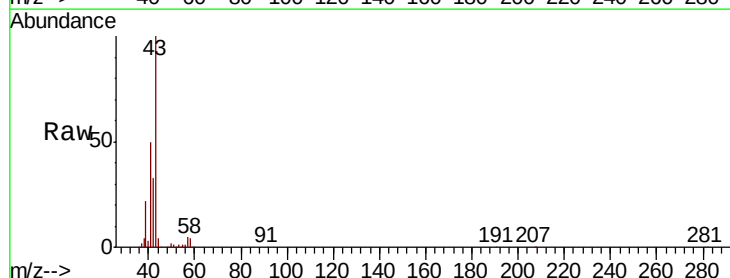
Acq: 22 Jun 2020 17:45

Tgt Ion: 50 Resp: 73141

Ion Ratio Lower Upper

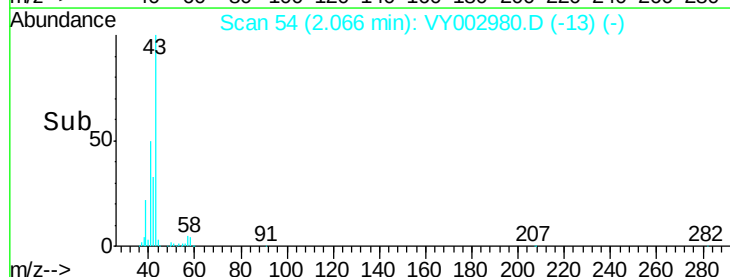
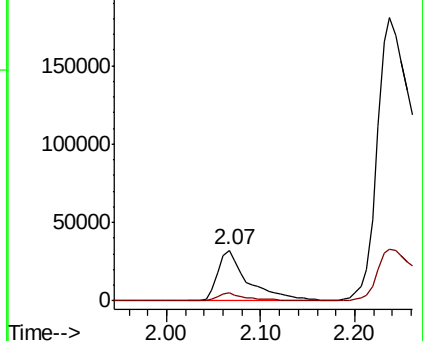
50 100

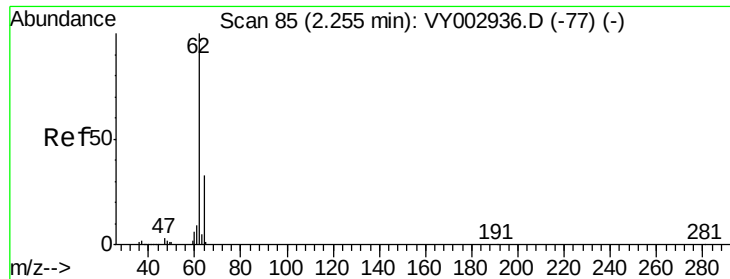
52 15.2 25.8 38.6#



Abundance Ion 49.90 (49.60 to 50.60): VY002936.D (-55) (-)

Ion 51.90 (51.60 to 52.60): VY002936.D (-55) (-)





#4

Vinyl Chloride

Concen: 1.259 ug/l

RT: 2.35 min Scan# 100

Delta R.T. 0.09 min

Lab File: VY002980.D

Acq: 22 Jun 2020 17:45

Instrument :

MSVOA_Y

ClientSampled :

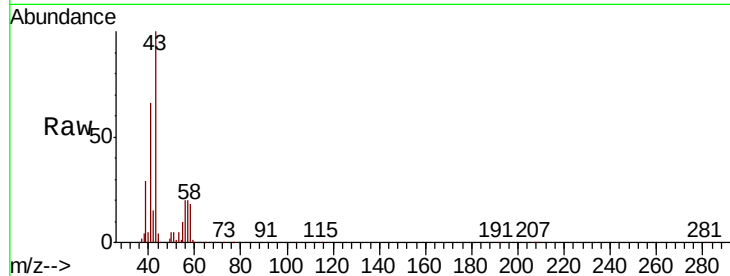
SB-C

Tot Ion: 62 Resp: 406

Ion Ratio Lower Upper

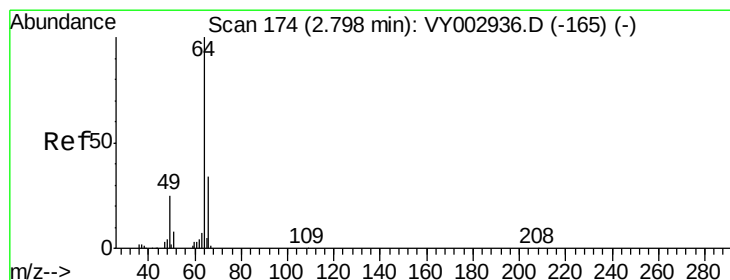
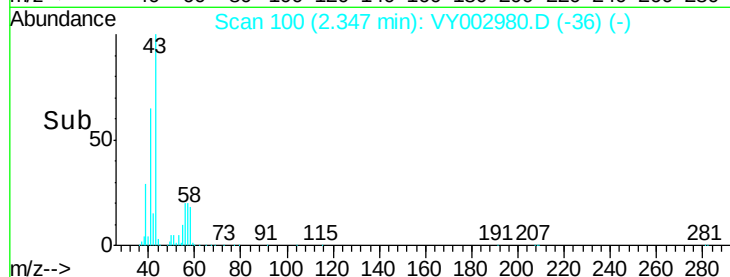
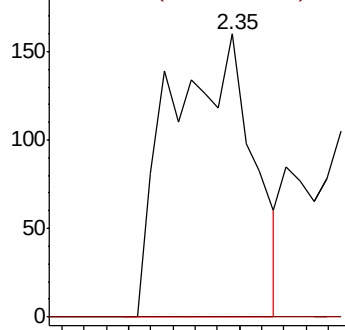
62 100

64 0.0 26.3 39.5#



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0



#6

Chloroethane

Concen: 23.303 ug/l

RT: 2.76 min Scan# 167

Delta R.T. -0.04 min

Lab File: VY002980.D

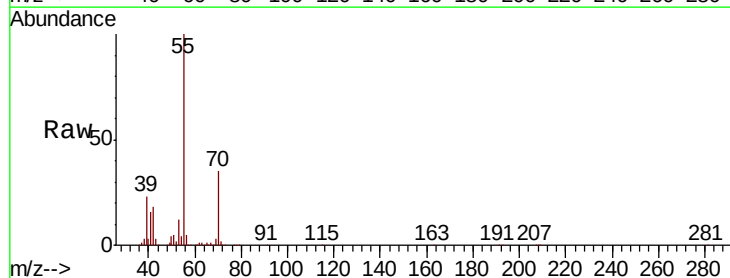
Acq: 22 Jun 2020 17:45

Tgt Ion: 64 Resp: 4861

Ion Ratio Lower Upper

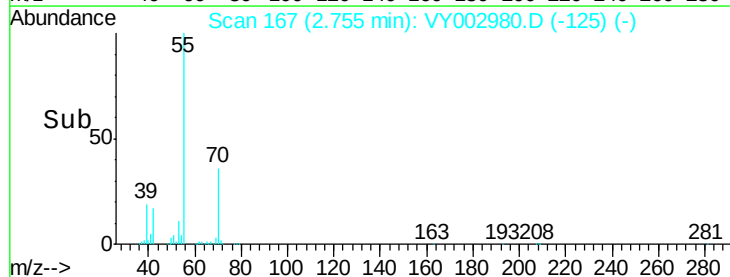
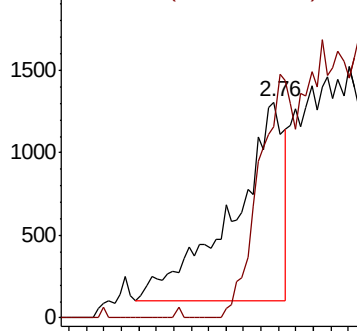
64 100

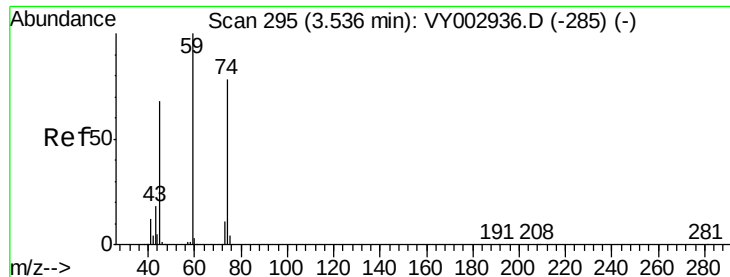
66 96.6 27.0 40.6#



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#8

Diethyl Ether

Concen: 2.043 ug/l

RT: 3.57 min Scan# 300

Delta R.T. 0.03 min

Lab File: VY002980.D

Acq: 22 Jun 2020 17:45

Instrument :

MSVOA_Y

ClientSampleId :

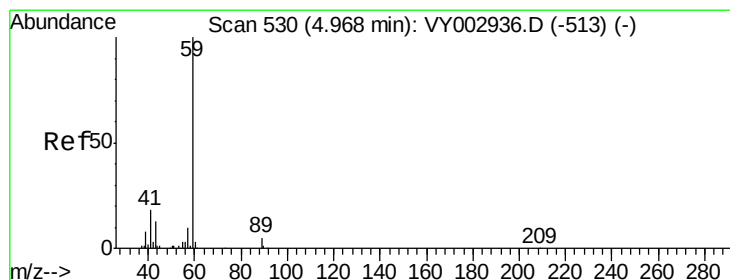
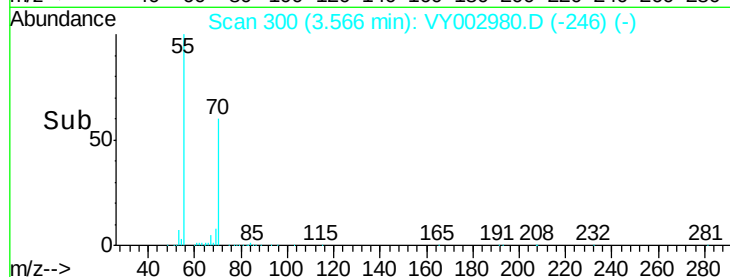
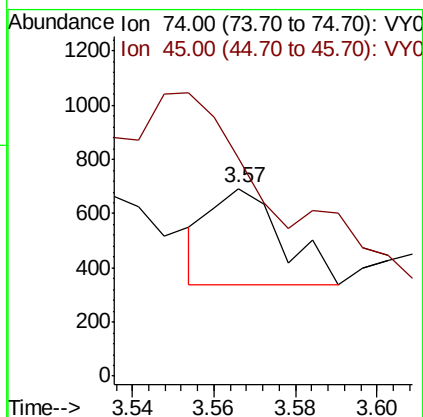
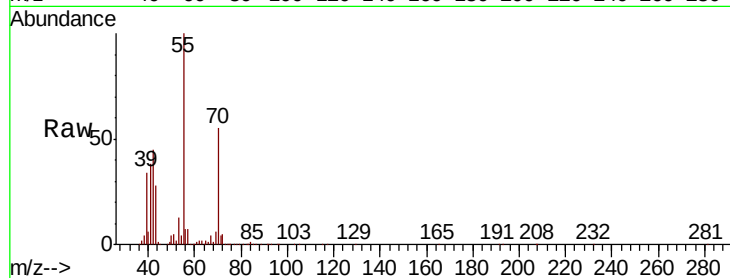
SB-C

Tot Ion: 74 Resp: 427

Ion Ratio Lower Upper

74 100

45 0.0 43.7 131.1#



#11

Tert butyl alcohol

Concen: 14.939 ug/l

RT: 4.99 min Scan# 534

Delta R.T. 0.02 min

Lab File: VY002980.D

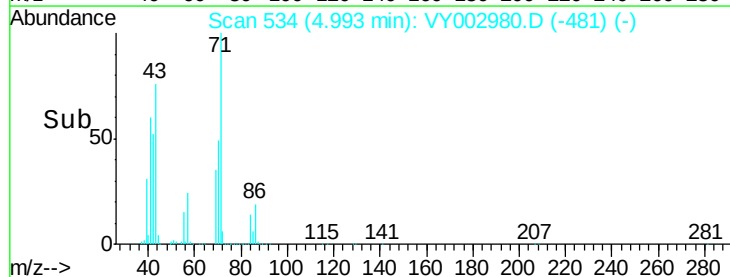
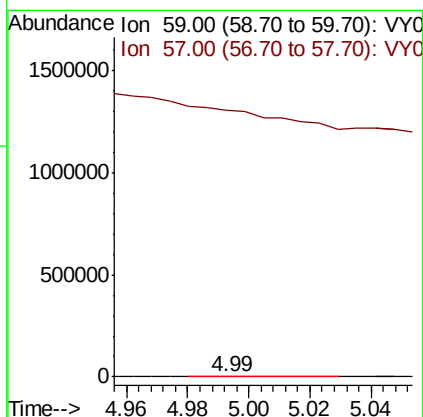
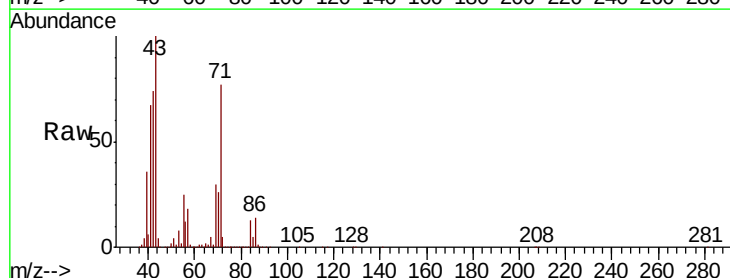
Acq: 22 Jun 2020 17:45

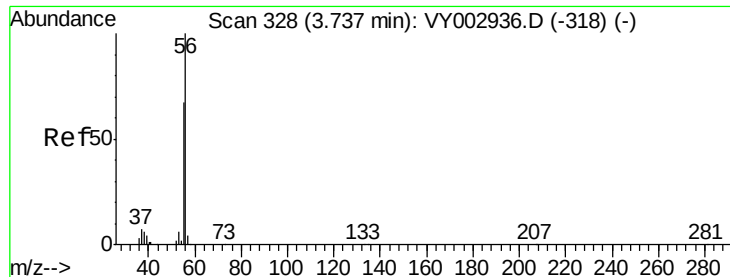
Tgt Ion: 59 Resp: 1110

Ion Ratio Lower Upper

59 100

57 0.0 7.4 11.2#

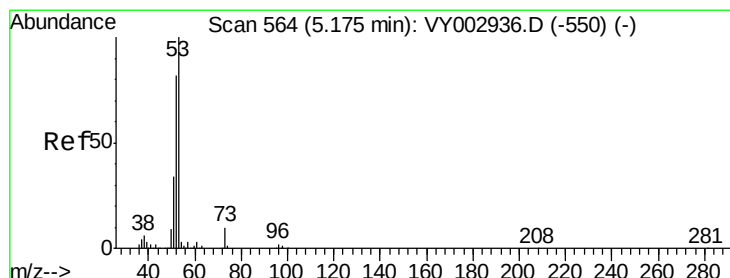
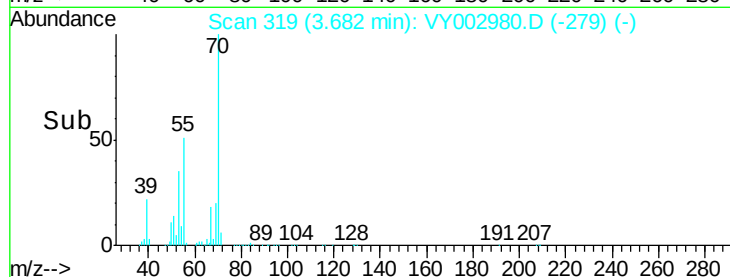
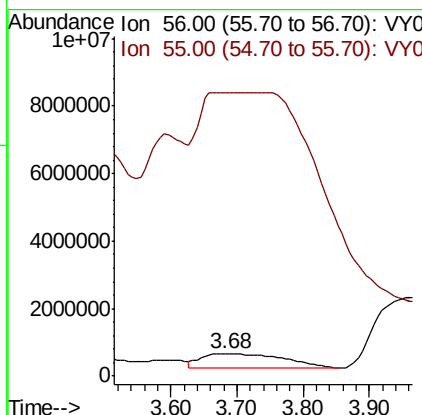
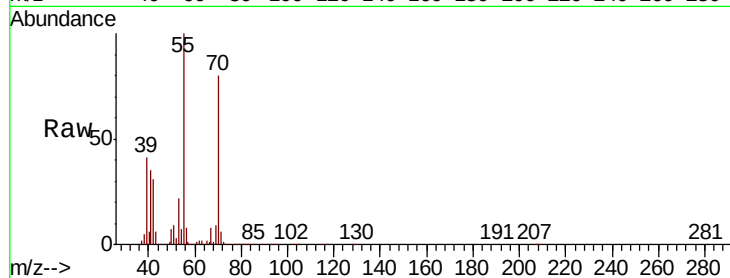




#13
Acrolein
Concen: 107927.749 ug/l
RT: 3.68 min Scan# 319
Delta R.T. -0.05 min
Lab File: VY002980.D
Acq: 22 Jun 2020 17:45

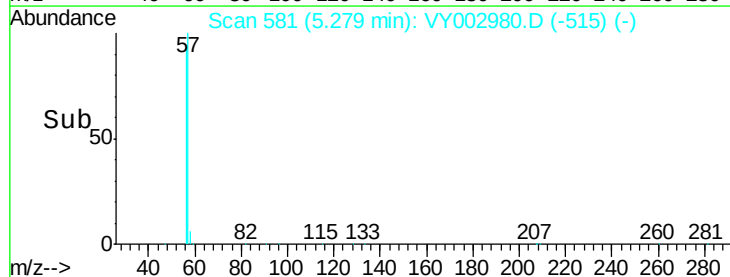
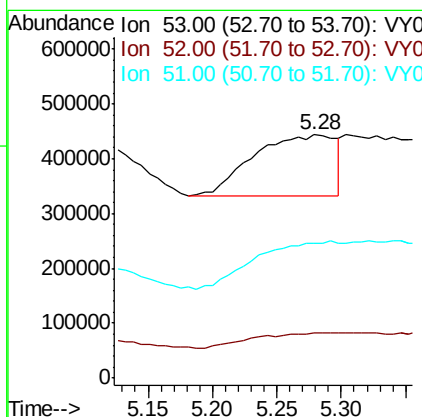
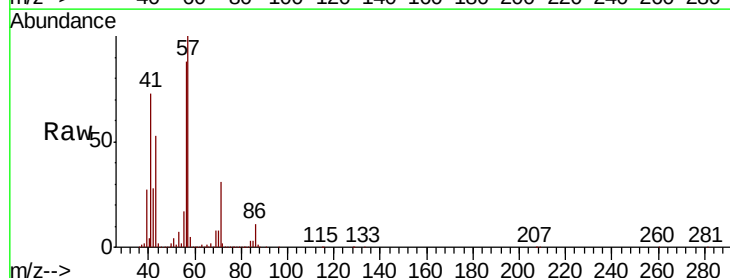
Instrument :
MSVOA_Y
ClientSampleId :
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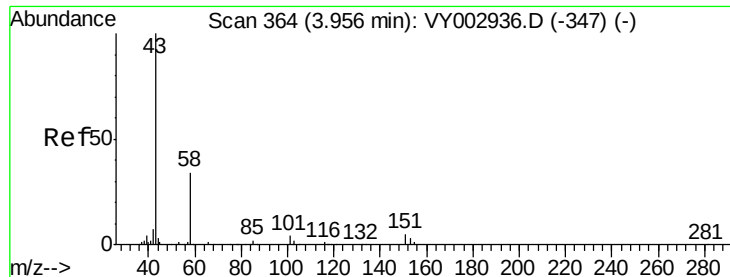
Tot Ion: 56 Resp: 3716340
Ion Ratio Lower Upper
56 100
55 0.0 55.3 82.9#



#15
Acrylonitrile
Concen: 4973.475 ug/l
RT: 5.28 min Scan# 581
Delta R.T. 0.10 min
Lab File: VY002980.D
Acq: 22 Jun 2020 17:45

Tgt Ion: 53 Resp: 498434
Ion Ratio Lower Upper
53 100
52 36.6 65.7 98.5#
51 75.6 28.1 42.1#





#16

Acetone

Concen: 348926.895 ug/l

RT: 3.99 min Scan# 370

Delta R.T. 0.04 min

Lab File: VY002980.D

Acq: 22 Jun 2020 17:45

Instrument :

MSVOA_Y

ClientSampleId :

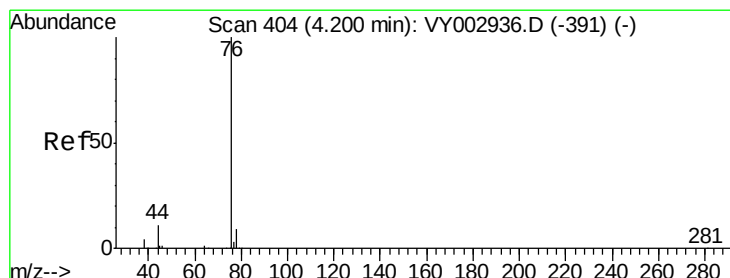
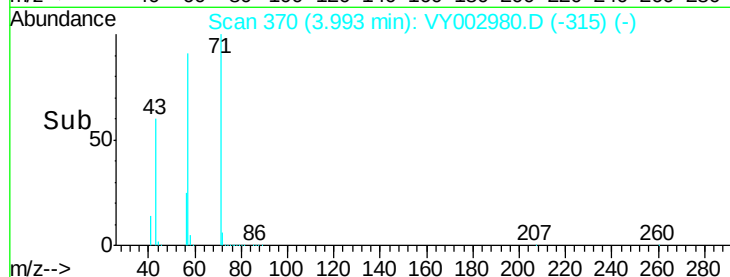
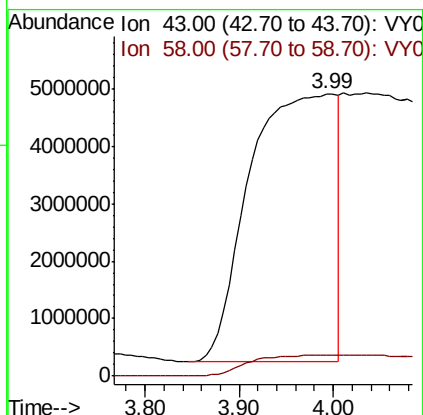
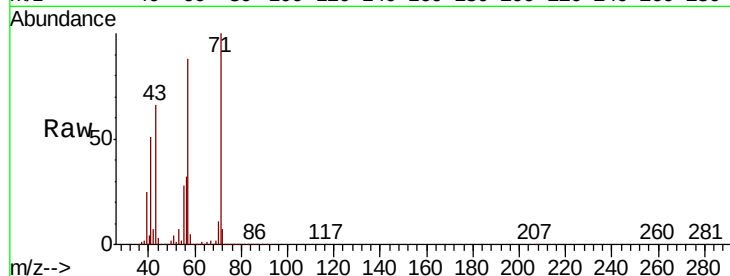
SB-C

Tot Ion: 43 Resp:29621620

Ion Ratio Lower Upper

43 100

58 7.7 27.3 40.9#



#17

Carbon Disulfide

Concen: 23.801 ug/l

RT: 4.18 min Scan# 400

Delta R.T. -0.02 min

Lab File: VY002980.D

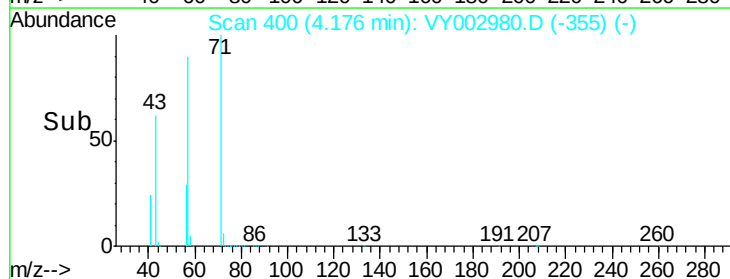
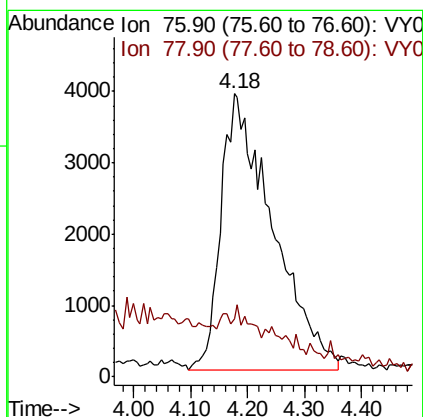
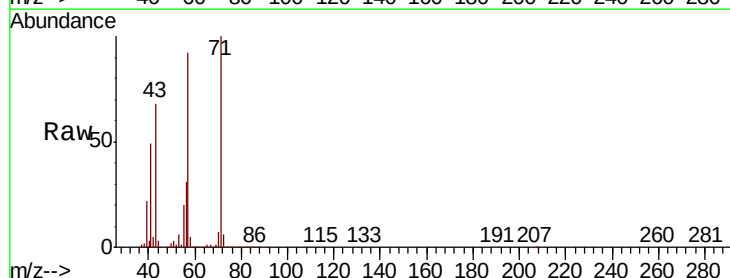
Acq: 22 Jun 2020 17:45

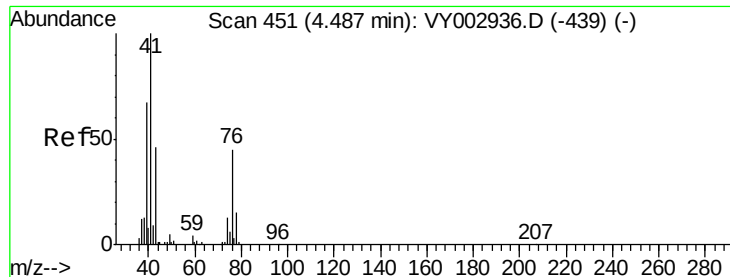
Tgt Ion: 76 Resp: 24338

Ion Ratio Lower Upper

76 100

78 13.0 7.4 11.2#

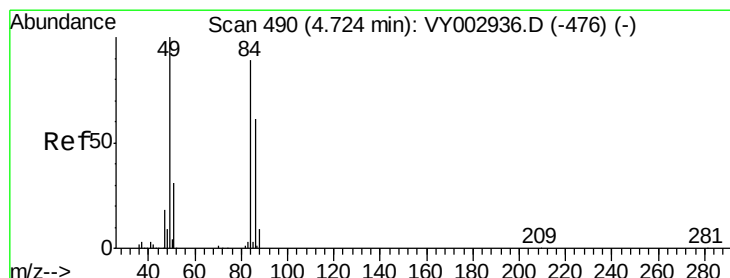
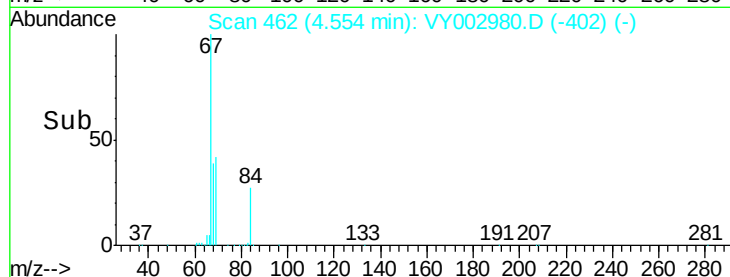
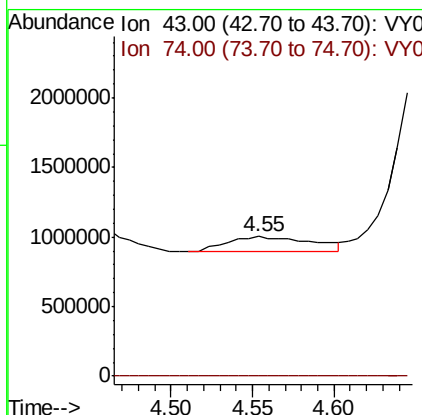
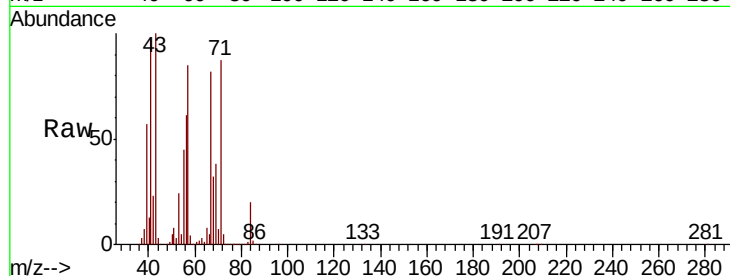




#18
Methyl Acetate
Concen: 1964.300 ug/l
RT: 4.55 min Scan# 462
Delta R.T. 0.07 min
Lab File: VY002980.D
Acq: 22 Jun 2020 17:45

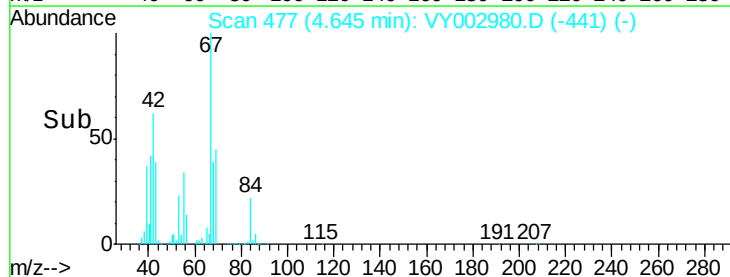
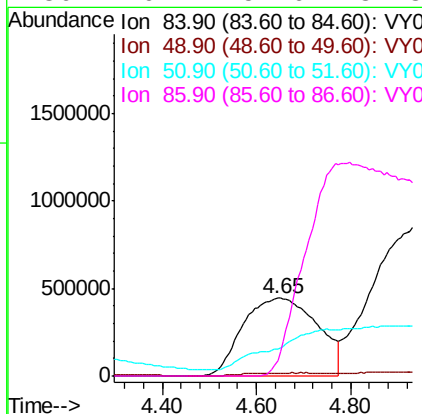
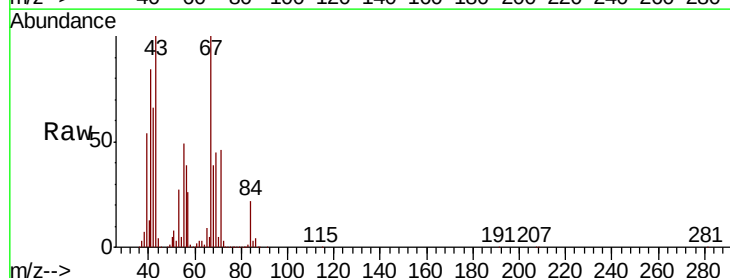
Instrument :
MSVOA_Y
ClientSampled :
SB-C

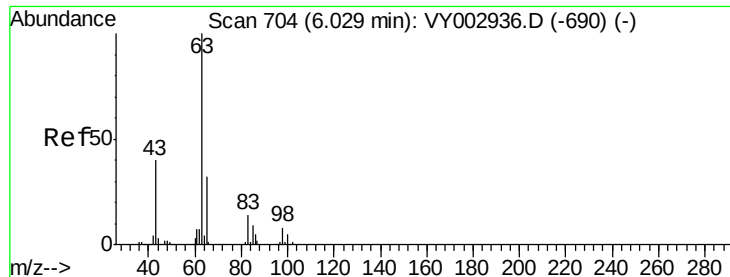
Tot Ion: 43 Resp: 392934
Ion Ratio Lower Upper
43 100
74 0.0 21.1 31.7#



#20
Methylene Chloride
Concen: 13717.081 ug/l
RT: 4.65 min Scan# 477
Delta R.T. -0.08 min
Lab File: VY002980.D
Acq: 22 Jun 2020 17:45

Tgt Ion: 84 Resp: 4902796
Ion Ratio Lower Upper
84 100
49 2.8 90.0 135.0#
51 25.8 27.9 41.9#
86 20.4 54.6 81.8#





#24

1,1-Dichloroethane

Concen: 1364.442 ug/l

RT: 6.13 min Scan# 721

Delta R.T. 0.10 min

Lab File: VY002980.D

Acq: 22 Jun 2020 17:45

Instrument :

MSVOA_Y

ClientSampled :

SB-C

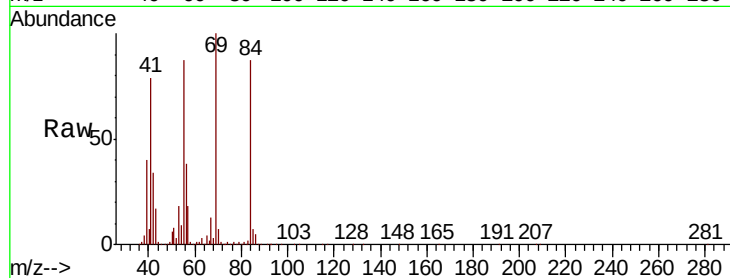
Tot Ion: 63 Resp: 823272

Ion Ratio Lower Upper

63 100

98 0.0 4.0 12.0#

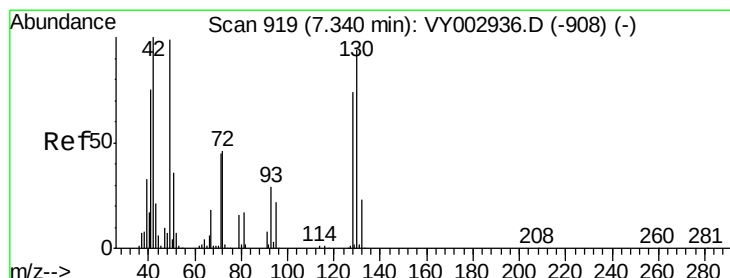
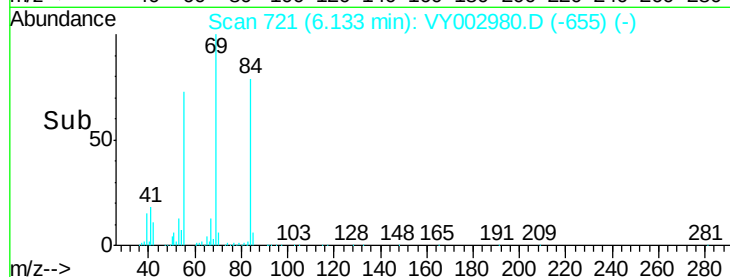
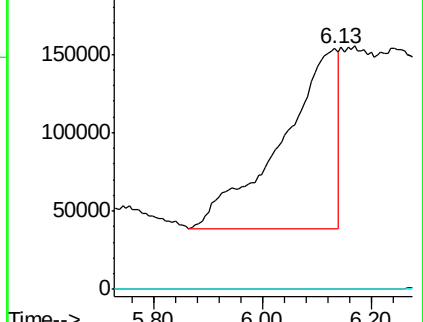
100 0.0 2.5 7.6#



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: 1094.731 ug/l

RT: 7.60 min Scan# 961

Delta R.T. 0.26 min

Lab File: VY002980.D

Acq: 22 Jun 2020 17:45

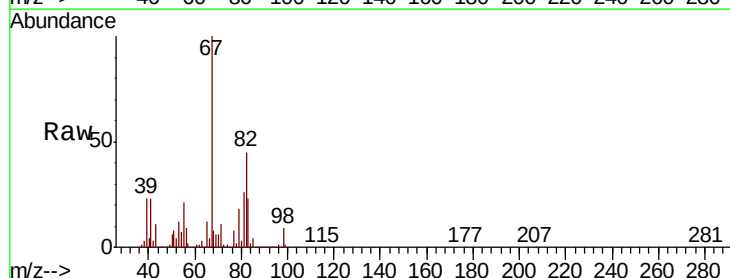
Tgt Ion: 49 Resp: 276172

Ion Ratio Lower Upper

49 100

129 0.0 0.0 5.0

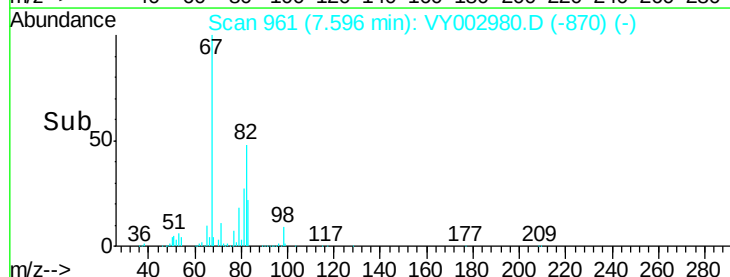
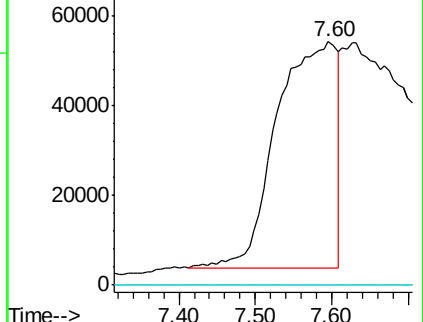
130 0.0 78.4 117.6#

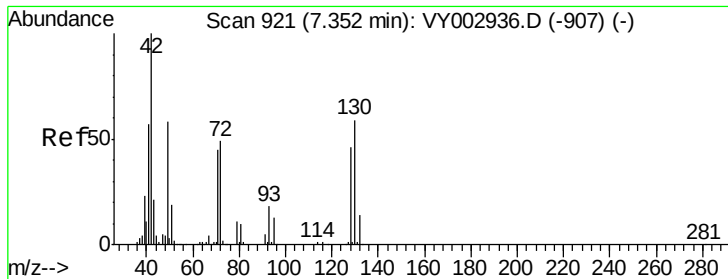


Abundance Ion 48.90 (48.60 to 49.60): VY0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

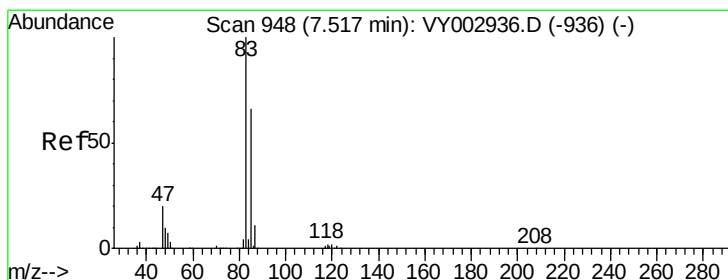
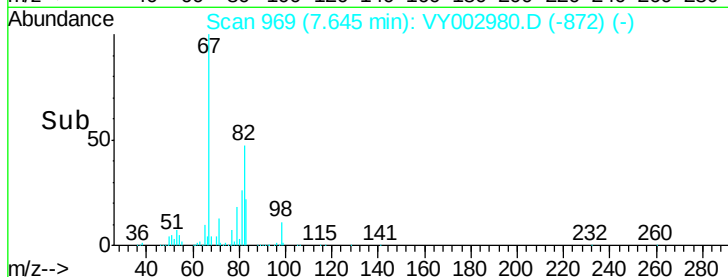
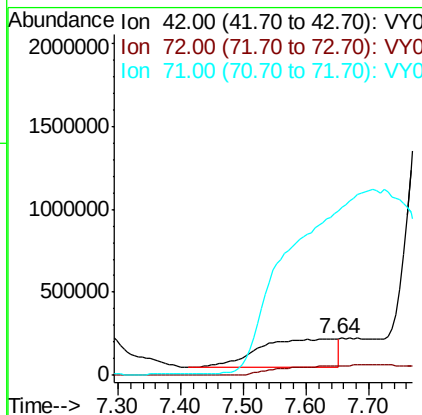
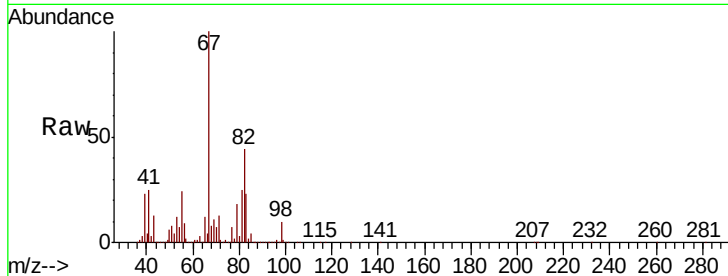




#29
Tetrahydrofuran
Concen: 17846.684 ug/l
RT: 7.64 min Scan# 969
Delta R.T. 0.29 min
Lab File: VY002980.D
Acq: 22 Jun 2020 17:45

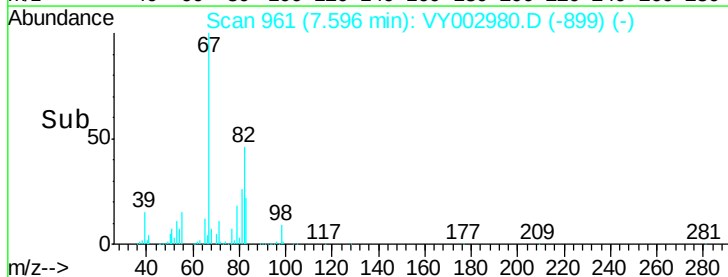
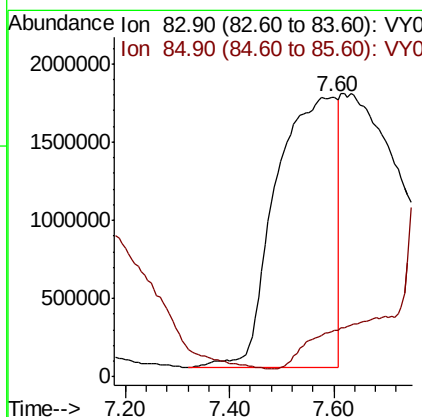
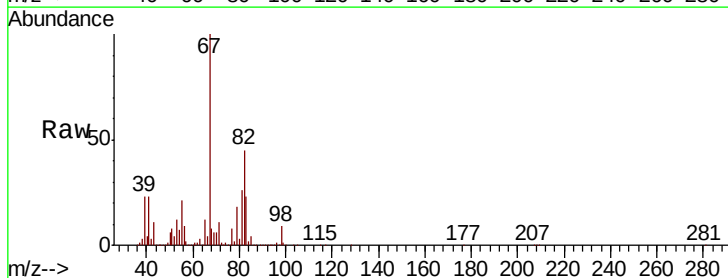
Instrument :
MSVOA_Y
ClientSampleId :
SB-C

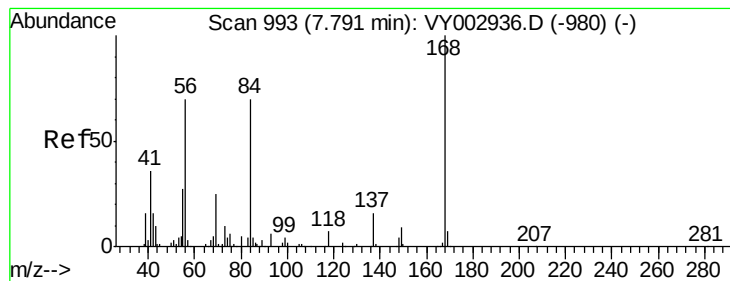
Tot Ion: 42 Resp: 1466495
Ion Ratio Lower Upper
42 100
72 0.0 39.1 58.7#
71 0.0 36.4 54.6#



#30
Chloroform
Concen: 22024.371 ug/l
RT: 7.60 min Scan# 961
Delta R.T. 0.08 min
Lab File: VY002980.D
Acq: 22 Jun 2020 17:45

Tgt Ion: 83 Resp: 13918234
Ion Ratio Lower Upper
83 100
85 6.5 53.1 79.7#





#31

Cyclohexane

Concen: 70033.195 ug/l

RT: 7.95 min Scan# 1019

Delta R.T. 0.16 min

Lab File: VY002980.D

Acq: 22 Jun 2020 17:45

Instrument :

MSVOA_Y

ClientSampled :

SB-C

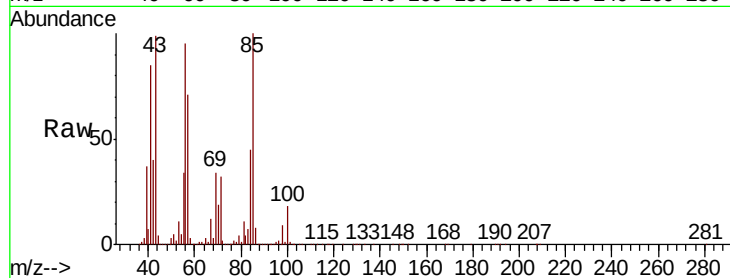
Tot Ion: 56 Resp: 41218299

Ion Ratio Lower Upper

56 100

69 11.8 28.9 43.3#

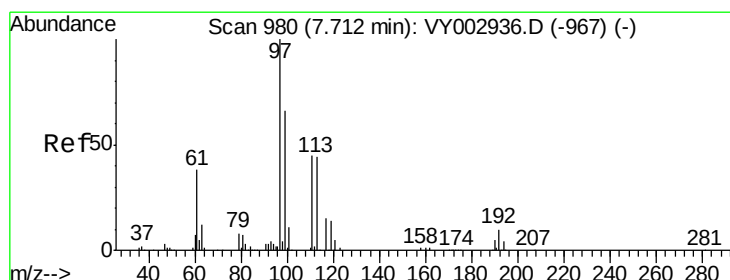
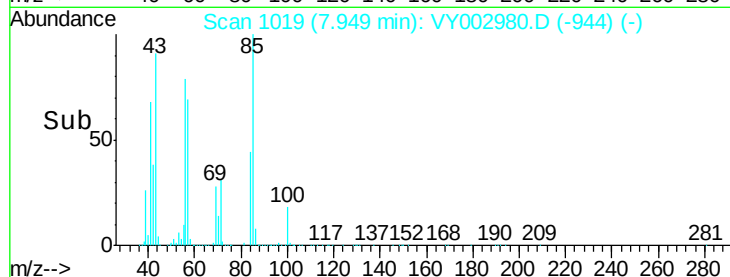
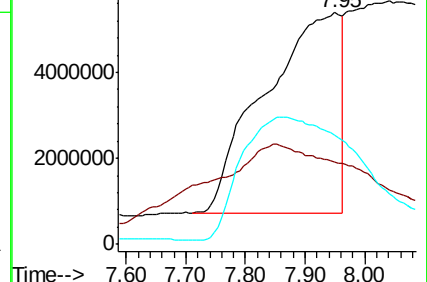
84 52.3 80.1 120.1#



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 75.355 ug/l

RT: 7.92 min Scan# 1014

Delta R.T. 0.21 min

Lab File: VY002980.D

Acq: 22 Jun 2020 17:45

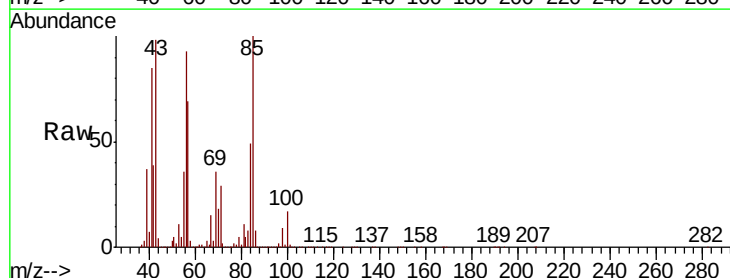
Tgt Ion: 97 Resp: 43880

Ion Ratio Lower Upper

97 100

99 0.0 52.2 78.2#

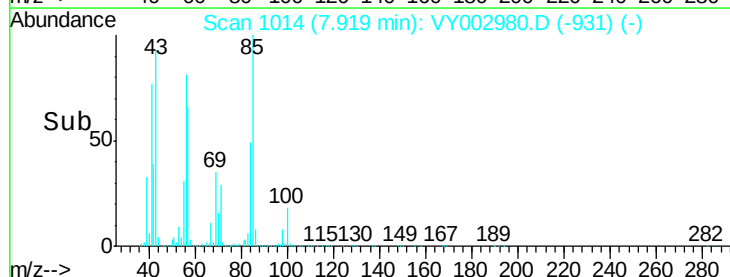
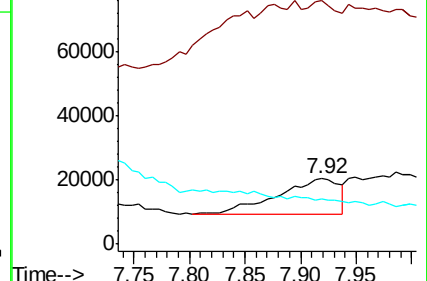
61 0.0 30.3 45.5#

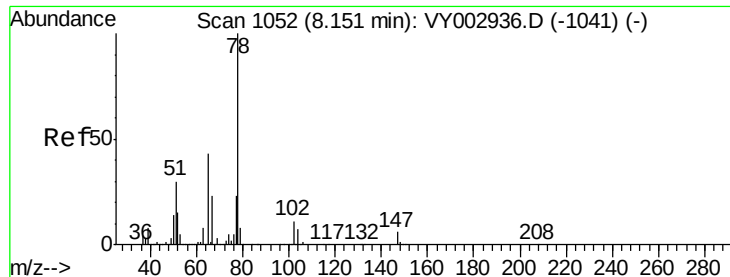


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

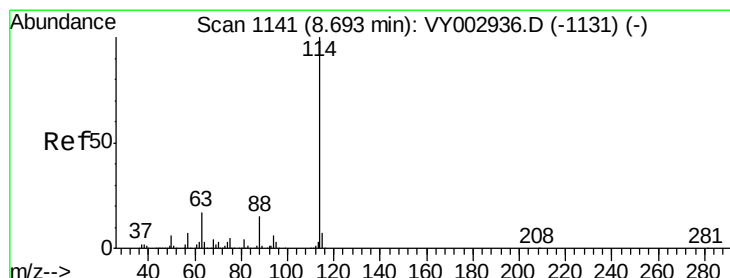
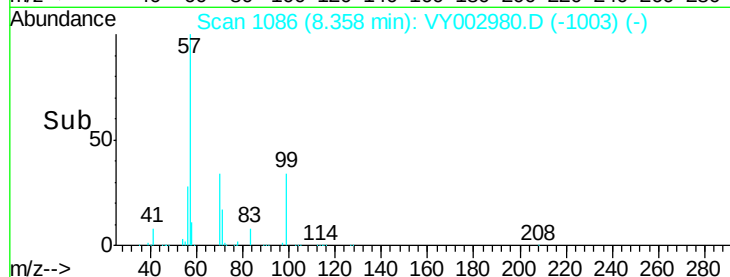
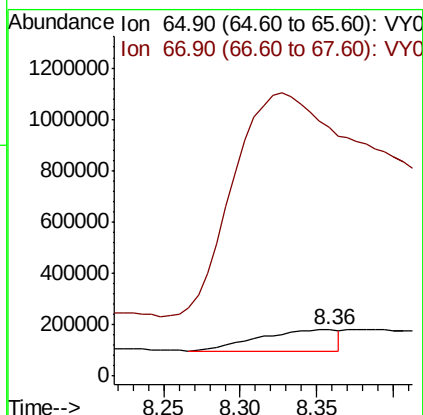
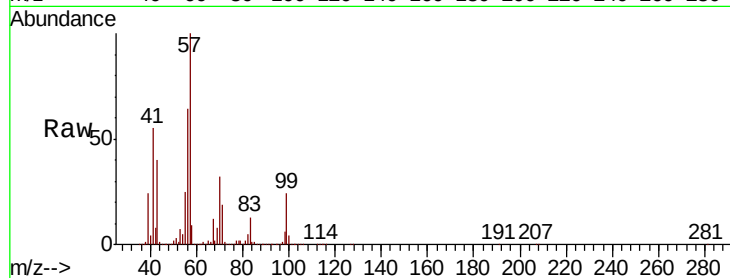




#33
 1,2-Dichloroethane-d4
 Concen: 879.689 ug/l
 RT: 8.36 min Scan# 1086
 Delta R.T. 0.21 min
 Lab File: VY002980.D
 Acq: 22 Jun 2020 17:45

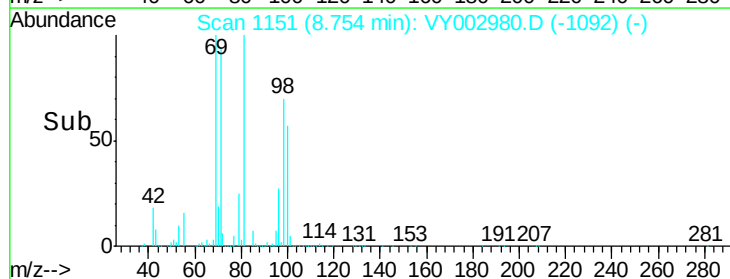
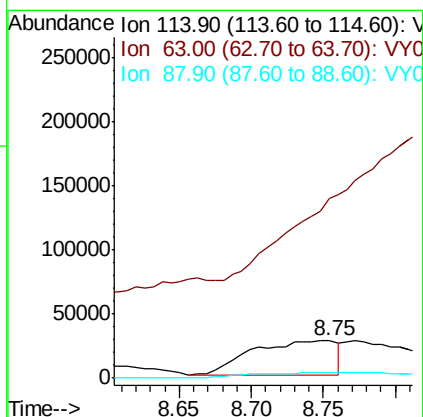
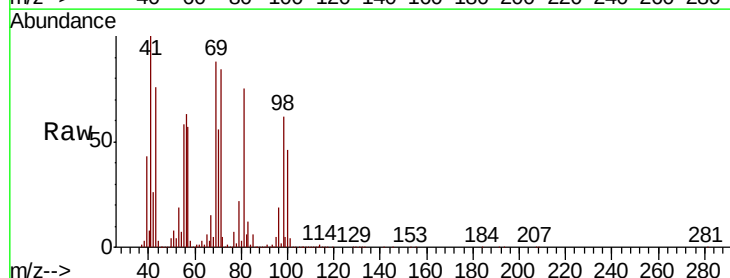
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-C

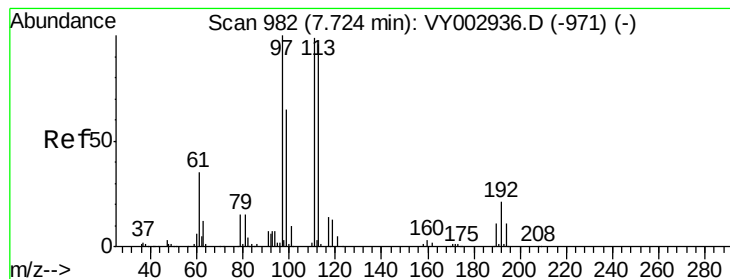
Tot Ion: 65 Resp: 301521
 Ion Ratio Lower Upper
 65 100
 67 0.0 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.75 min Scan# 1151
 Delta R.T. 0.06 min
 Lab File: VY002980.D
 Acq: 22 Jun 2020 17:45

Tgt Ion: 114 Resp: 108118
 Ion Ratio Lower Upper
 114 100
 63 240.2 0.0 34.6#
 88 15.6 0.0 29.2





#35

Dibromofluoromethane

Concen: 125.195 ug/l

RT: 7.75 min Scan# 986

Delta R.T. 0.02 min

Lab File: VY002980.D

Acq: 22 Jun 2020 17:45

Instrument :

MSVOA_Y

ClientSampleId :

SB-C

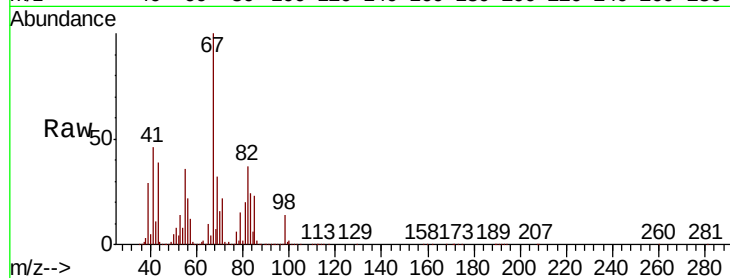
Tot Ion:113 Resp: 76589

Ion Ratio Lower Upper

113 100

111 99.0 81.5 122.3

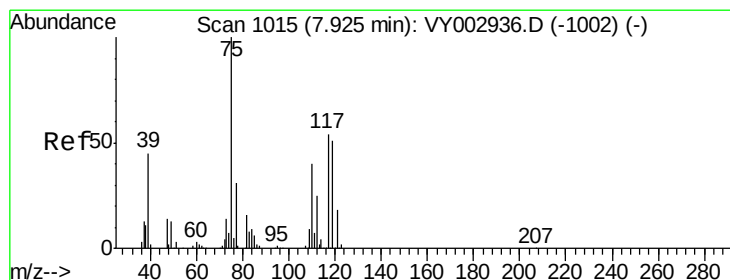
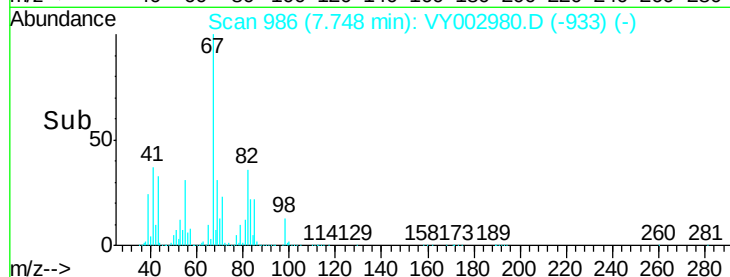
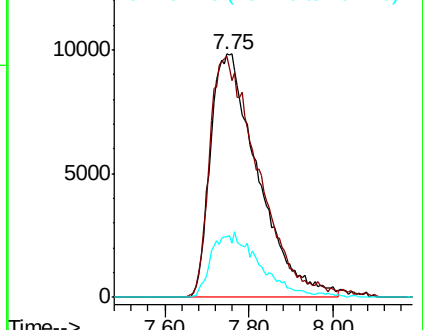
192 9.3 19.2 28.8#



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 44.444 ug/l

RT: 8.19 min Scan# 1058

Delta R.T. 0.26 min

Lab File: VY002980.D

Acq: 22 Jun 2020 17:45

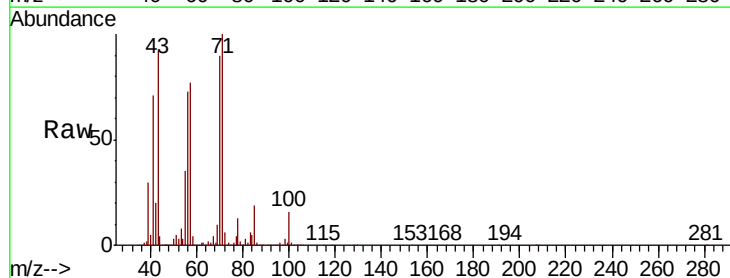
Tgt Ion: 75 Resp: 39025

Ion Ratio Lower Upper

75 100

110 0.0 19.7 59.0#

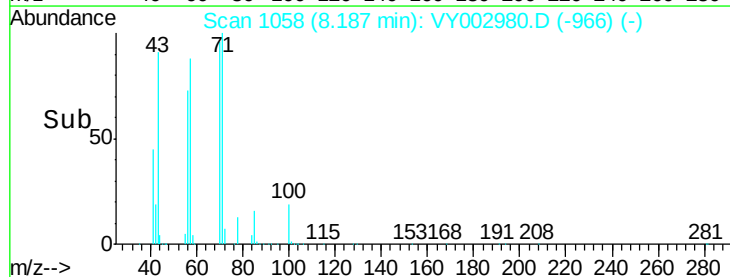
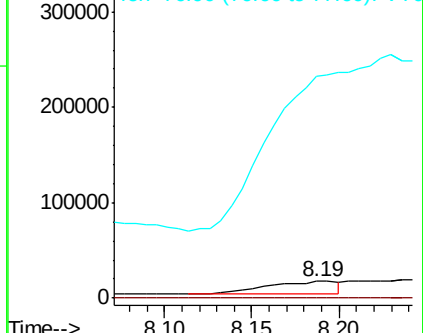
77 0.0 25.0 37.4#

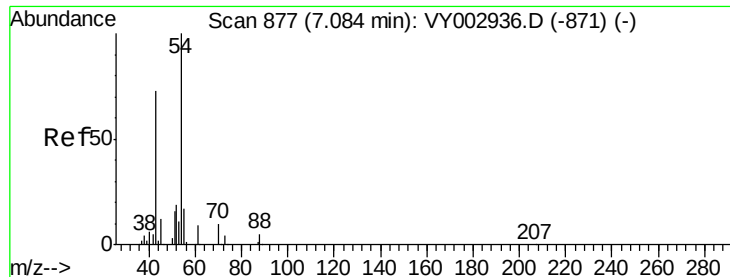


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0





#37

Ethyl Acetate

Concen: 678.531 ug/l

RT: 7.39 min Scan# 928

Delta R.T. 0.31 min

Lab File: VY002980.D

Acq: 22 Jun 2020 17:45

Instrument :

MSVOA_Y

ClientSampleId :

SB-C

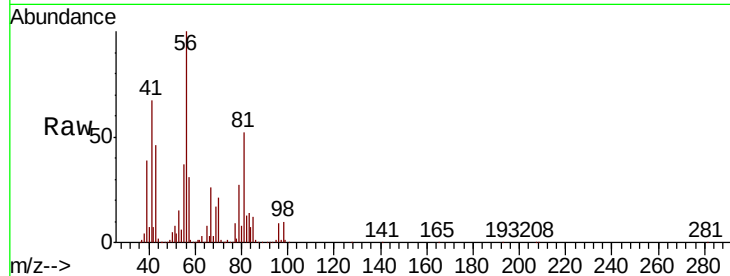
Tot Ion: 43 Resp: 330830

Ion Ratio Lower Upper

43 100

61 0.0 12.3 18.5#

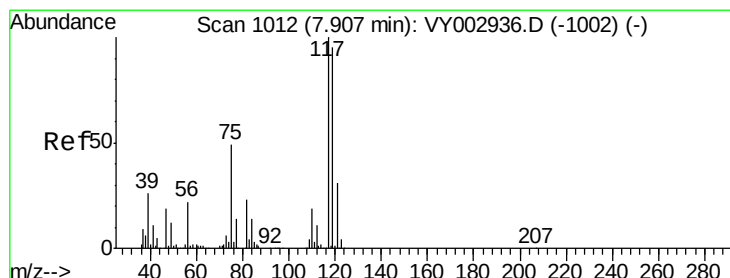
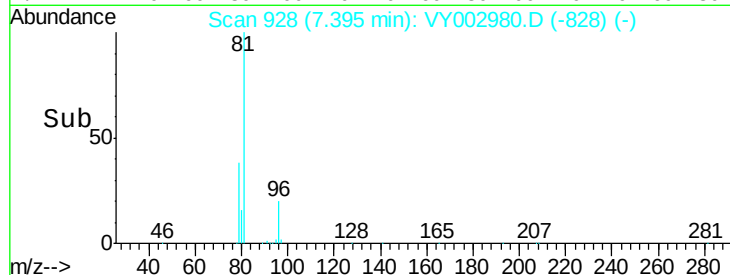
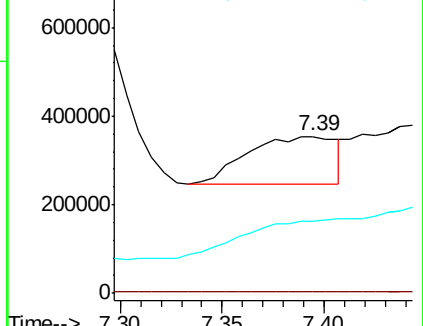
70 0.0 9.7 14.5#



Abundance Ion 43.00 (42.70 to 43.70): VY002980.D (-928) (-)

Ion 60.90 (60.60 to 61.60): VY002980.D (-928) (-)

Ion 70.00 (69.70 to 70.70): VY002980.D (-928) (-)



#38

Carbon Tetrachloride

Concen: 4.209 ug/l

RT: 7.83 min Scan# 1000

Delta R.T. -0.07 min

Lab File: VY002980.D

Acq: 22 Jun 2020 17:45

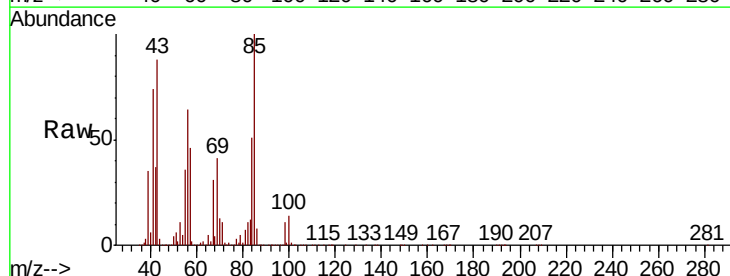
Tgt Ion: 117 Resp: 4073

Ion Ratio Lower Upper

117 100

119 8.9 76.1 114.1#

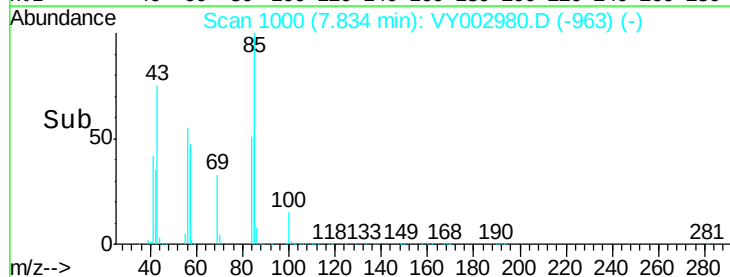
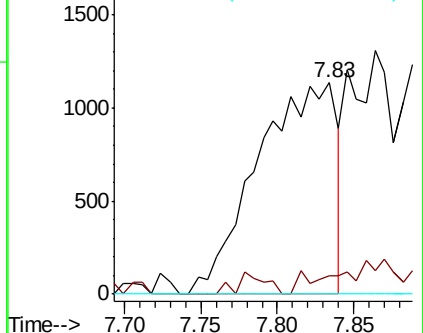
121 0.0 24.8 37.2#

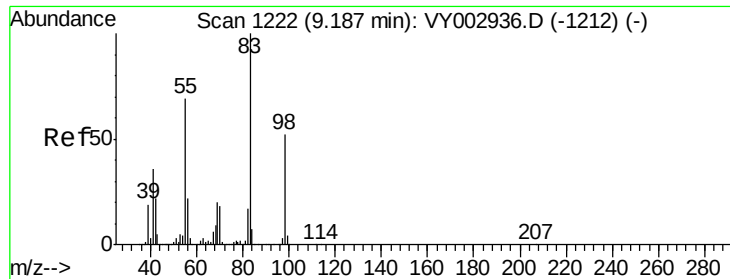


Abundance Ion 116.80 (116.50 to 117.50): VY002980.D (-963) (-)

Ion 118.80 (118.50 to 119.50): VY002980.D (-963) (-)

Ion 120.80 (120.50 to 121.50): VY002980.D (-963) (-)

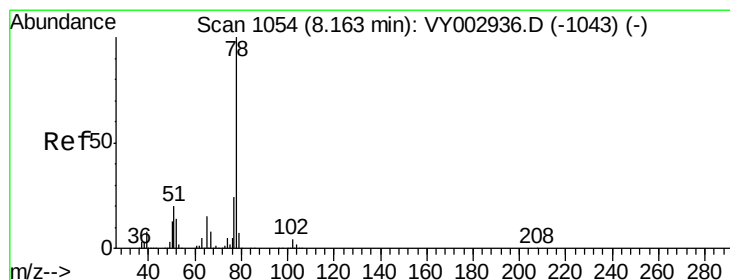
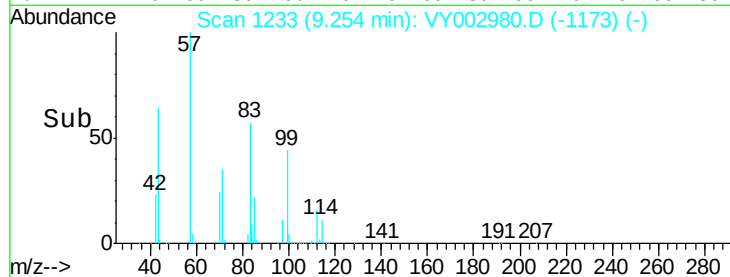
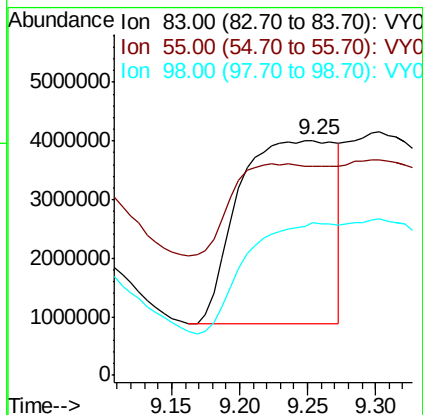
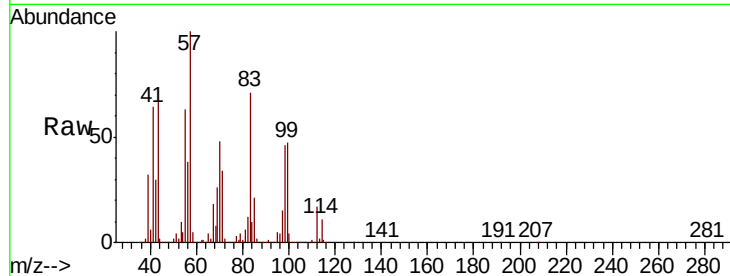




#39
Methylvlcyclohexane
Concen: 13323.655 ug/l
RT: 9.25 min Scan# 1233
Delta R.T. 0.07 min
Lab File: VY002980.D
Acq: 22 Jun 2020 17:45

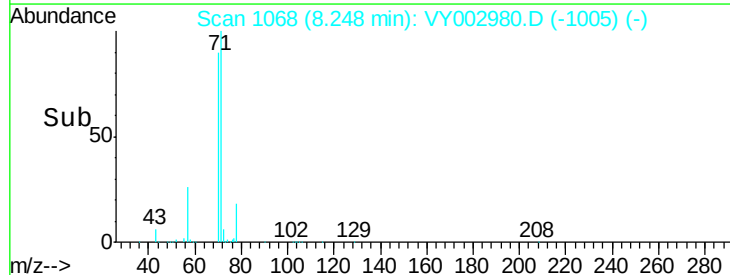
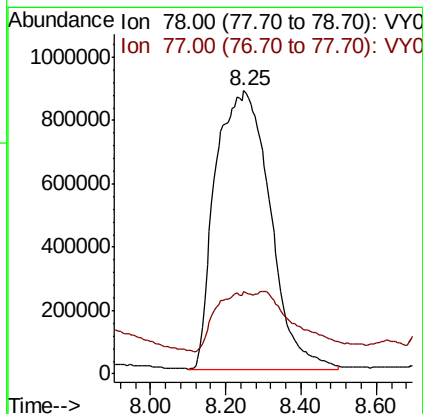
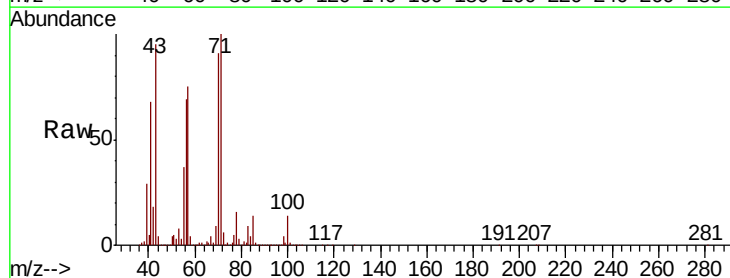
Instrument :
MSVOA_Y
ClientSampleId :
SB-C

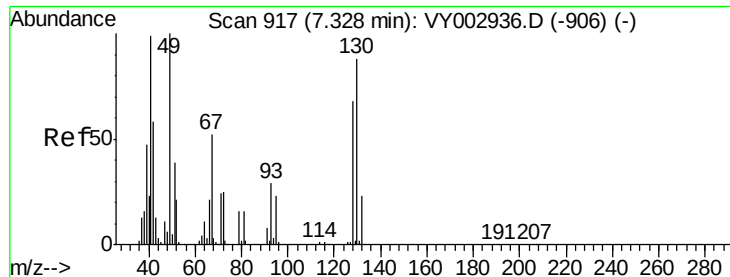
Tot Ion: 83 Resp:15421753
Ion Ratio Lower Upper
83 100
55 48.7 55.0 82.4#
98 59.2 41.4 62.2



#40
Benzene
Concen: 3380.060 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. 0.09 min
Lab File: VY002980.D
Acq: 22 Jun 2020 17:45

Tgt Ion: 78 Resp: 8836002
Ion Ratio Lower Upper
78 100
77 21.2 19.3 28.9

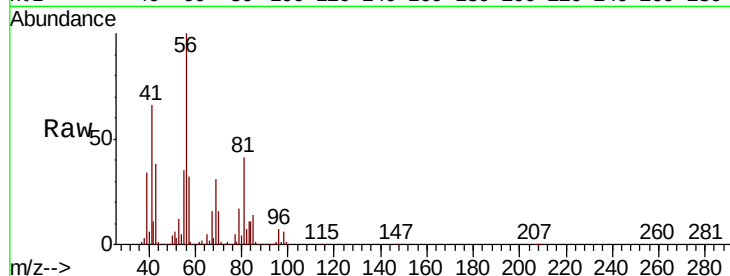




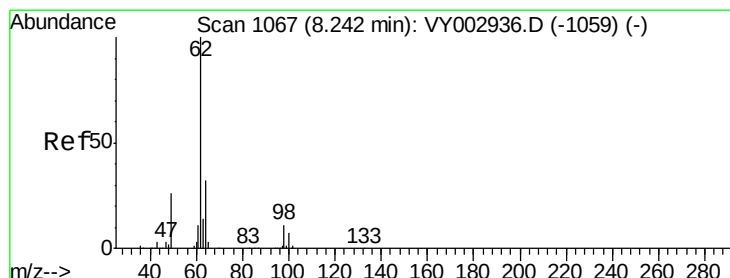
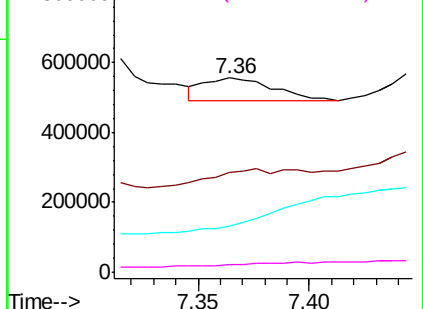
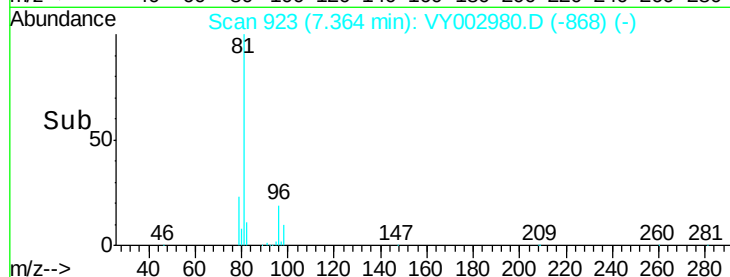
#41
Methacrylonitrile
Concen: 569.394 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.04 min
Lab File: VY002980.D
Acq: 22 Jun 2020 17:45

Instrument :
MSVOA_Y
ClientSampleId :
SB-C

Tot Ion:	41	Resp:	138988
Ion	Ratio	Lower	Upper
41	100		
39	0.0	96.6	144.8#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

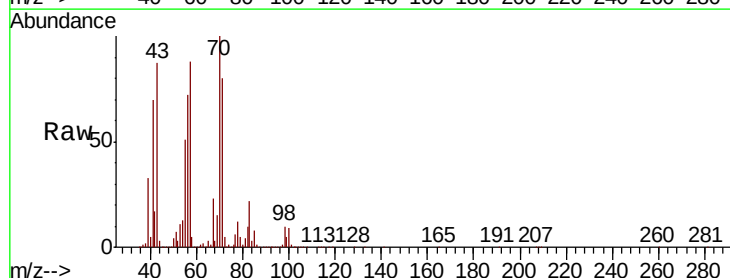


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

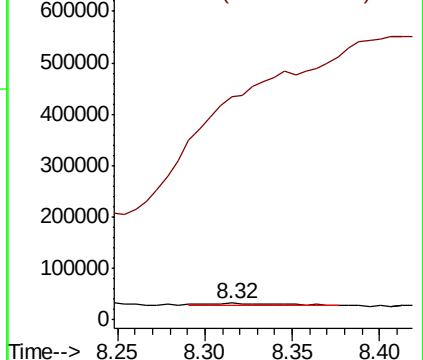
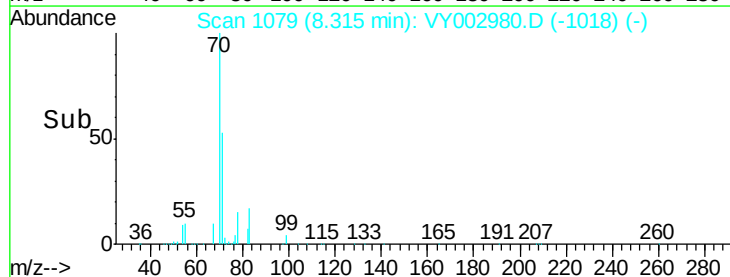


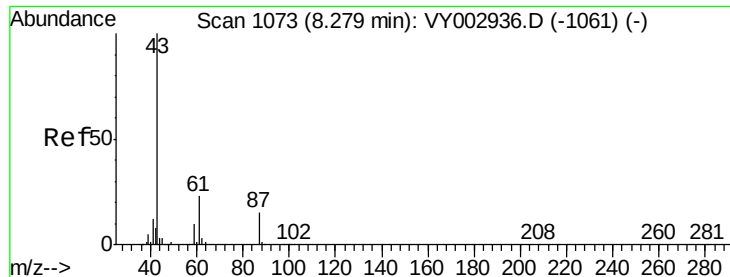
#42
1,2-Dichloroethane
Concen: 17.263 ug/l
RT: 8.32 min Scan# 1079
Delta R.T. 0.07 min
Lab File: VY002980.D
Acq: 22 Jun 2020 17:45

Tgt Ion:	62	Resp:	12525
Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	22.6



Abundance Ion 61.90 (61.60 to 62.60): VY0
Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 250.368 ug/l

RT: 8.37 min Scan# 1088

Delta R.T. 0.09 min

Lab File: VY002980.D

Acq: 22 Jun 2020 17:45

Instrument :

MSVOA_Y

ClientSampleId :

SB-C

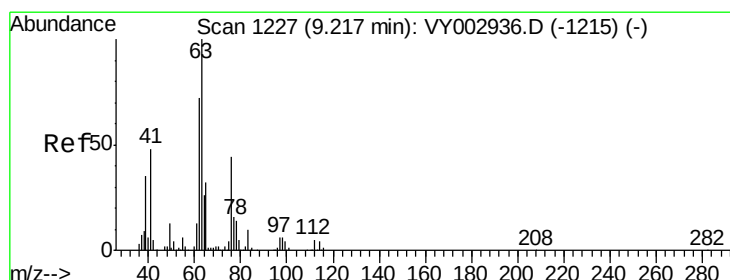
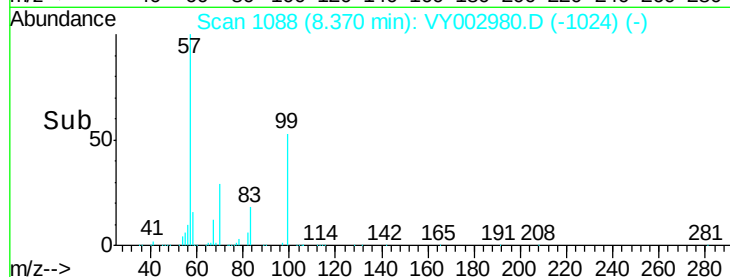
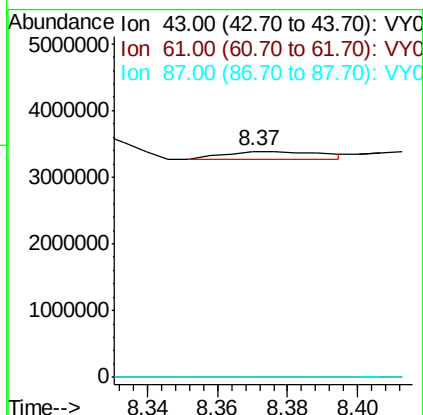
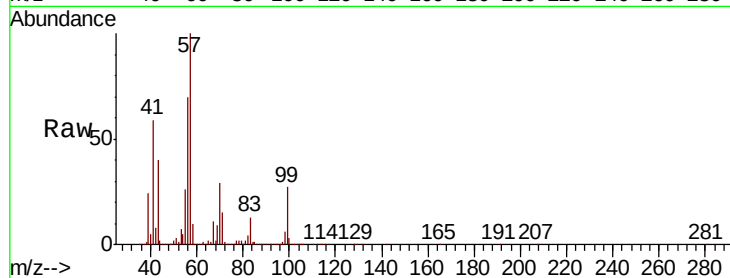
Tot Ion: 43 Resp: 227316

Ion Ratio Lower Upper

43 100

61 0.0 25.0 37.4#

87 0.0 12.6 18.8#



#45

1,2-Dichloropropane

Concen: 86.039 ug/l

RT: 9.25 min Scan# 1232

Delta R.T. 0.03 min

Lab File: VY002980.D

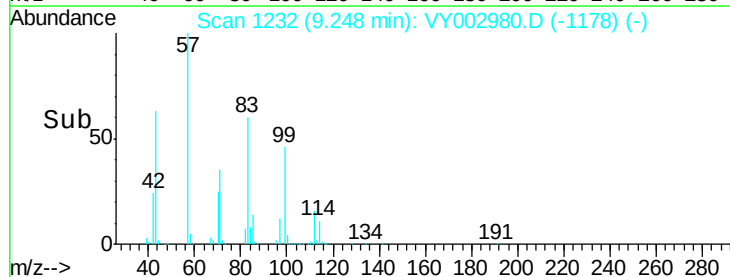
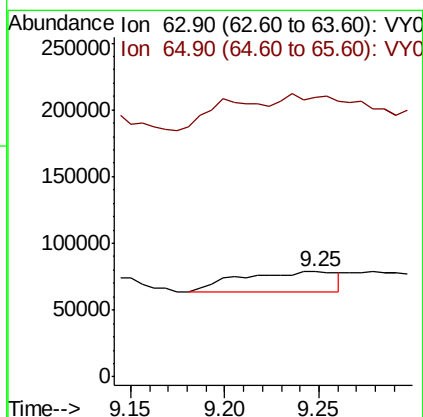
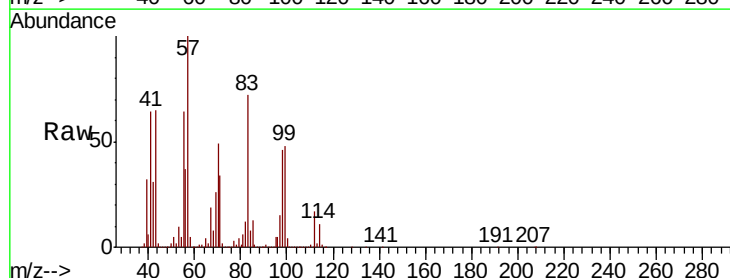
Acq: 22 Jun 2020 17:45

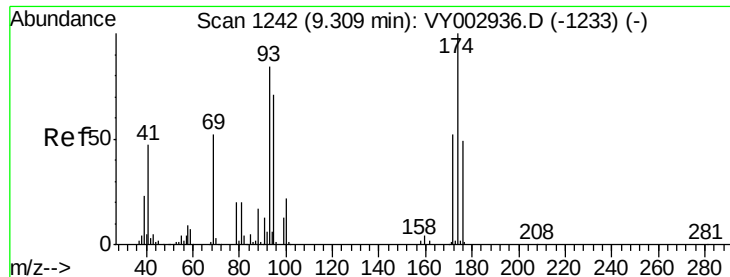
Tgt Ion: 63 Resp: 54090

Ion Ratio Lower Upper

63 100

65 150.3 25.5 38.3#





#46

Dibromomethane

Concen: 63.866 ug/l

RT: 9.32 min Scan# 1244

Delta R.T. 0.01 min

Lab File: VY002980.D

Acq: 22 Jun 2020 17:45

Instrument :

MSVOA_Y

ClientSampled :

SB-C

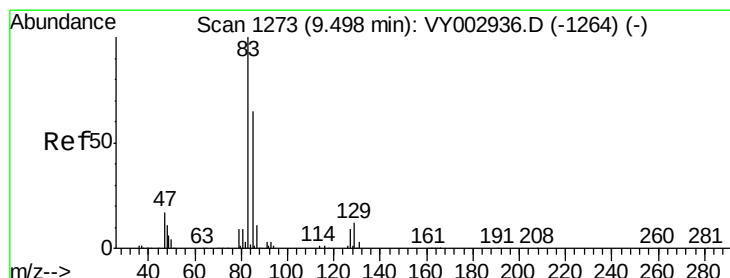
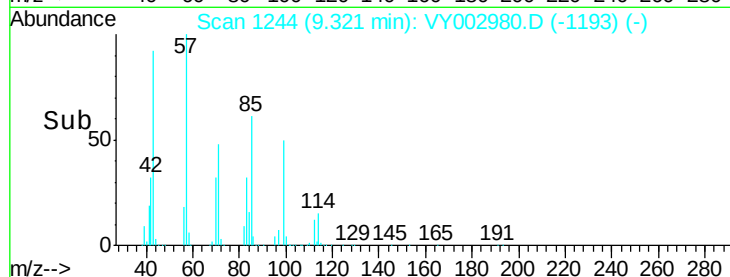
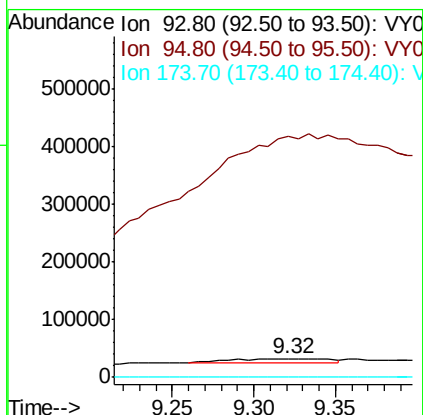
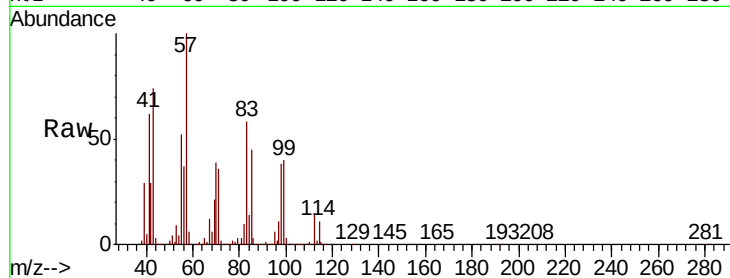
Tot Ion: 93 Resp: 23973

Ion Ratio Lower Upper

93 100

95 18219.7 66.4 99.6#

174 0.0 95.1 142.7#



#47

Bromodichloromethane

Concen: 35677.694 ug/l

RT: 9.61 min Scan# 1291

Delta R.T. 0.11 min

Lab File: VY002980.D

Acq: 22 Jun 2020 17:45

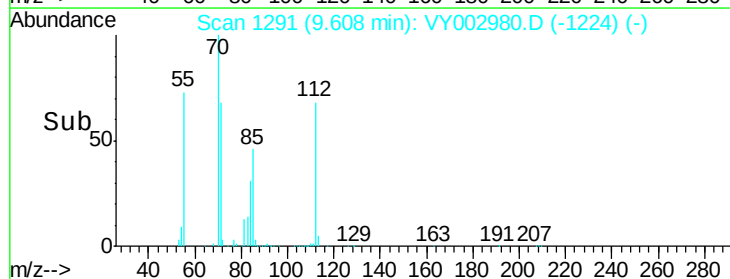
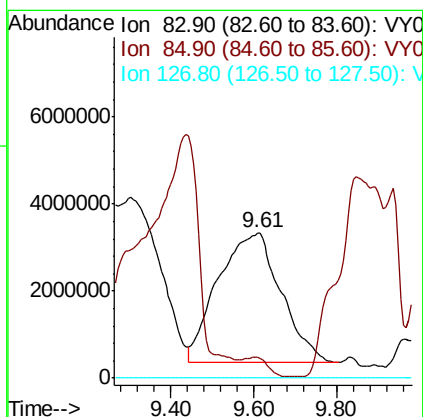
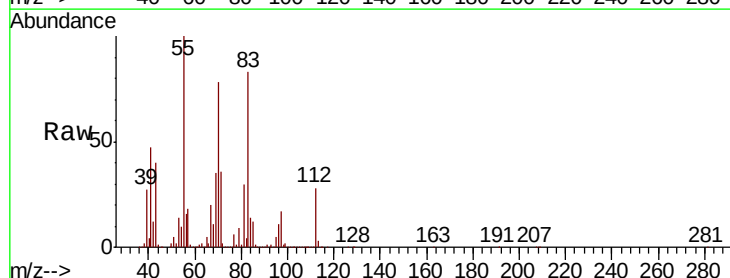
Tgt Ion: 83 Resp: 31266424

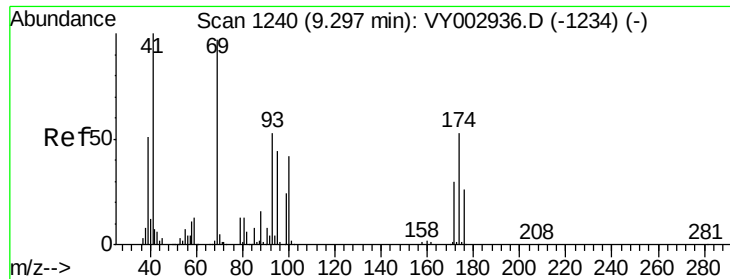
Ion Ratio Lower Upper

83 100

85 0.0 51.9 77.9#

127 0.0 7.4 11.0#

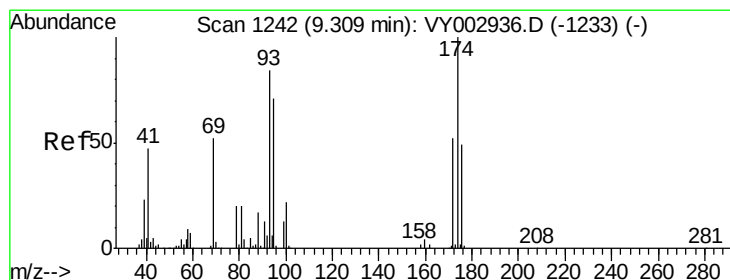
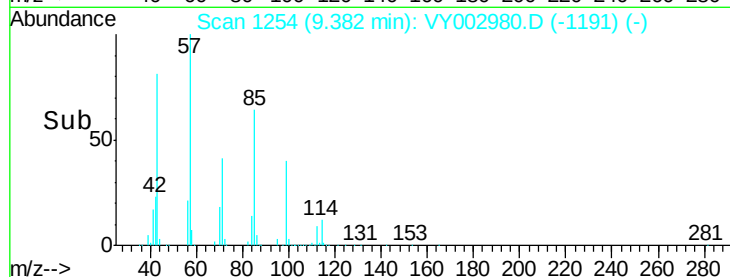
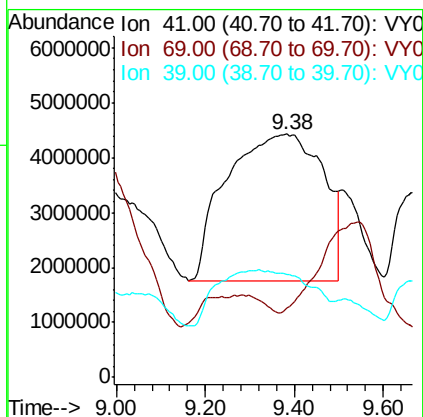
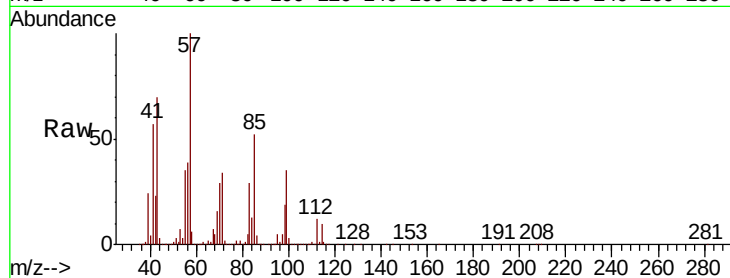




#48
Methvl methacrylate
Concen: 98113.182 ug/l
RT: 9.38 min Scan# 1254
Delta R.T. 0.09 min
Lab File: VY002980.D
Acq: 22 Jun 2020 17:45

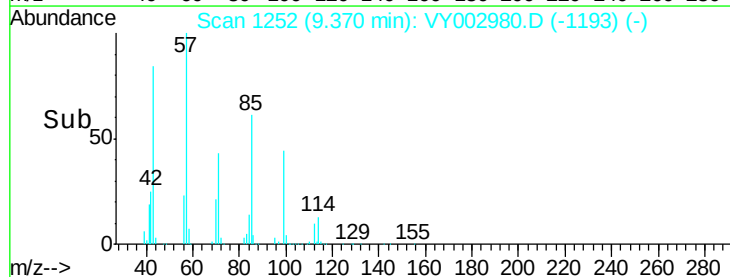
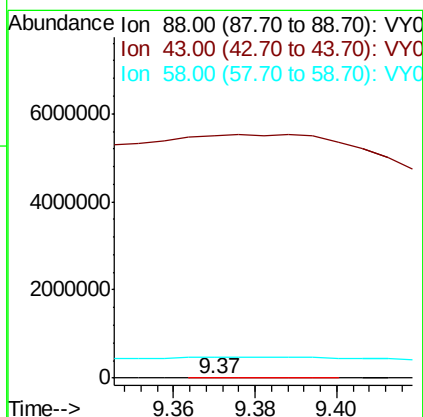
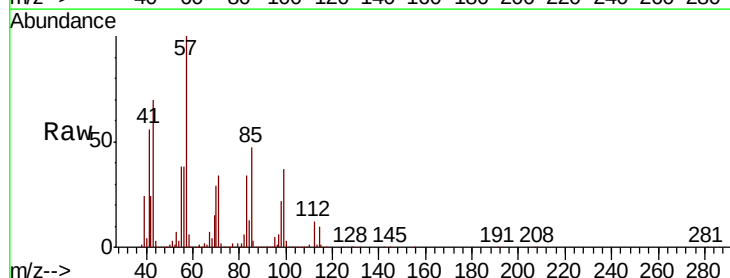
Instrument :
MSVOA_Y
ClientSampled :
SB-C

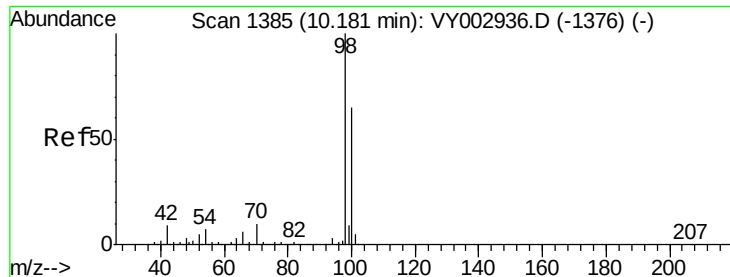
Tot Ion: 41 Resp:39970671
Ion Ratio Lower Upper
41 100
69 0.0 79.4 119.0#
39 0.0 41.1 61.7#



#49
1,4-Dioxane
Concen: 24.903 ug/l
RT: 9.37 min Scan# 1252
Delta R.T. 0.06 min
Lab File: VY002980.D
Acq: 22 Jun 2020 17:45

Tgt Ion: 88 Resp: 137
Ion Ratio Lower Upper
88 100
43 54256451.8 21.0 31.6#
58 5103745.3 51.5 77.3#

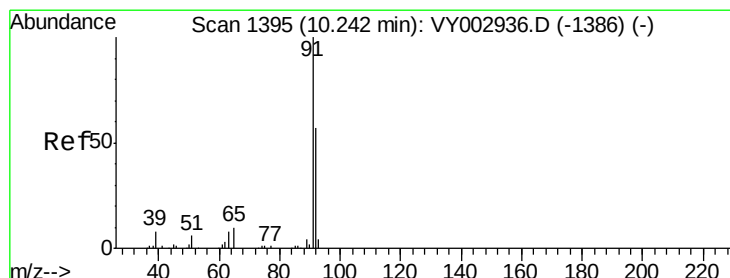
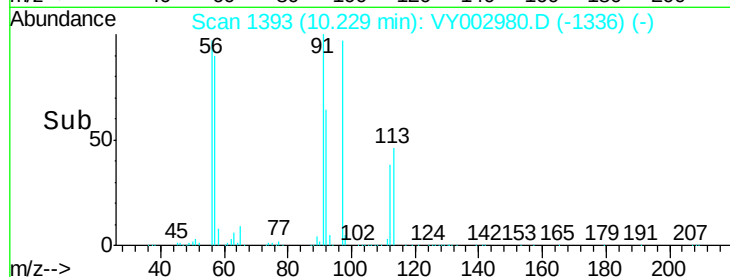
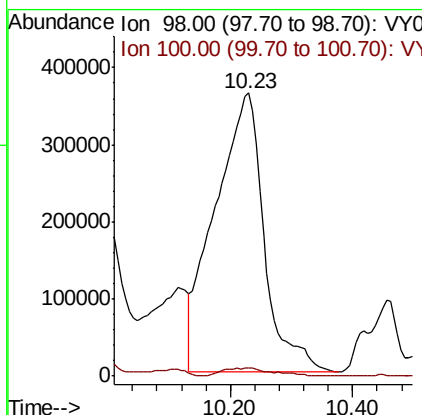
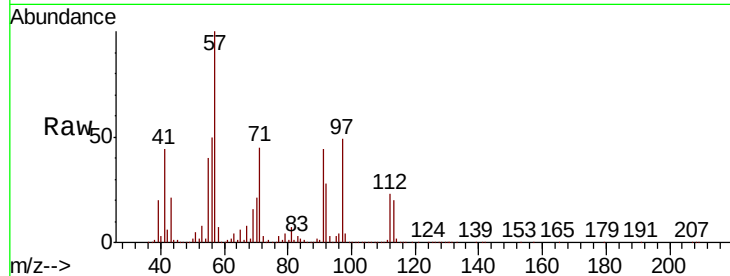




#50
Toluene-d8
Concen: 838.251 ug/l
RT: 10.23 min Scan# 1393
Delta R.T. 0.05 min
Lab File: VY002980.D
Acq: 22 Jun 2020 17:45

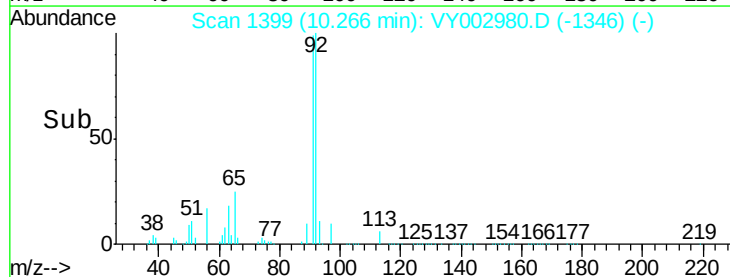
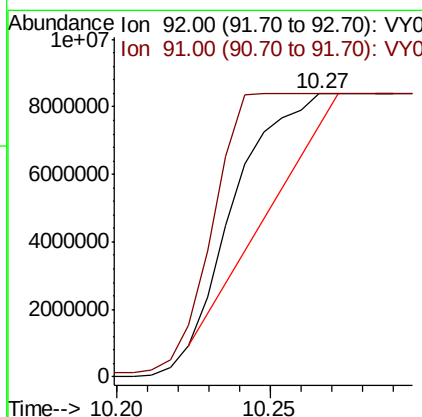
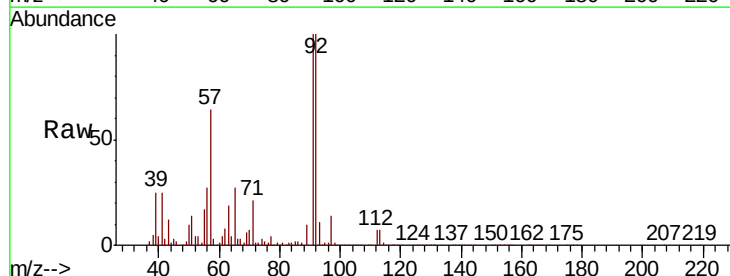
Instrument :
MSVOA_Y
ClientSampled :
SB-C

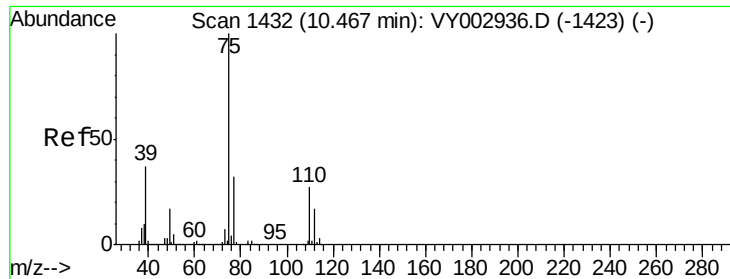
Tot Ion: 98 Resp: 2021961
Ion Ratio Lower Upper
98 100
100 3.1 51.9 77.9#



#52
Toluene
Concen: 3567.377 ug/l
RT: 10.27 min Scan# 1399
Delta R.T. 0.02 min
Lab File: VY002980.D
Acq: 22 Jun 2020 17:45

Tgt Ion: 92 Resp: 6035517
Ion Ratio Lower Upper
92 100
91 0.0 139.3 208.9#





#53

t-1,3-Dichloropropene

Concen: 40.236 ug/l

RT: 10.67 min Scan# 1465

Delta R.T. 0.20 min

Lab File: VY002980.D

Acq: 22 Jun 2020 17:45

Instrument :

MSVOA_Y

ClientSampleId :

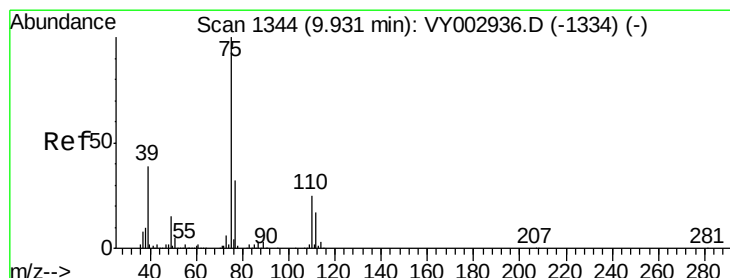
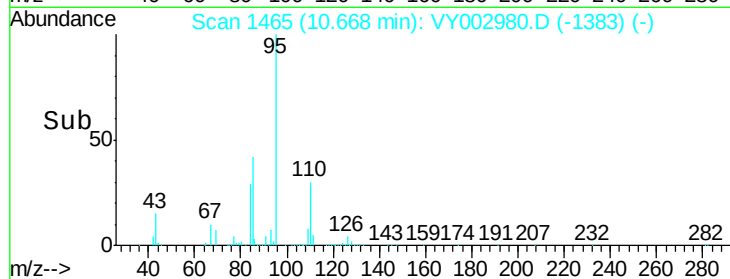
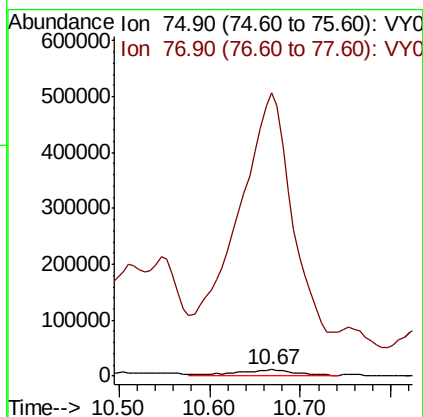
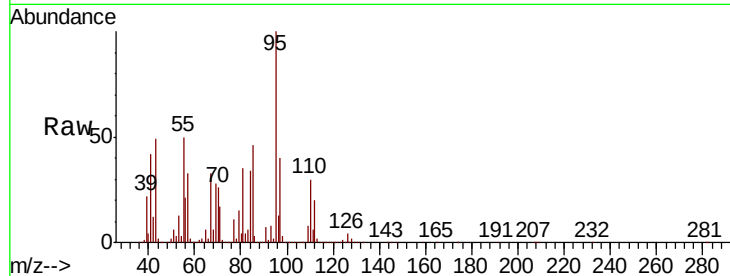
SB-C

Tot Ion: 75 Resp: 38323

Ion Ratio Lower Upper

75 100

77 4448.0 25.3 37.9#



#54

cis-1,3-Dichloropropene

Concen: 13.475 ug/l

RT: 9.96 min Scan# 1349

Delta R.T. 0.03 min

Lab File: VY002980.D

Acq: 22 Jun 2020 17:45

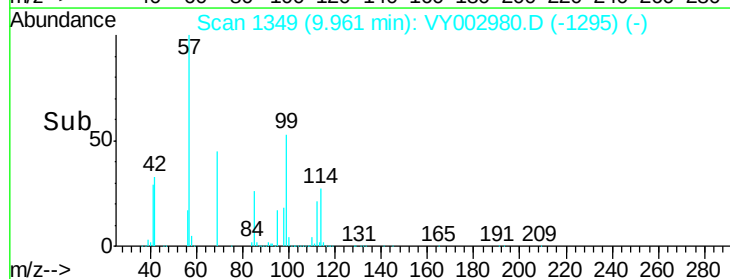
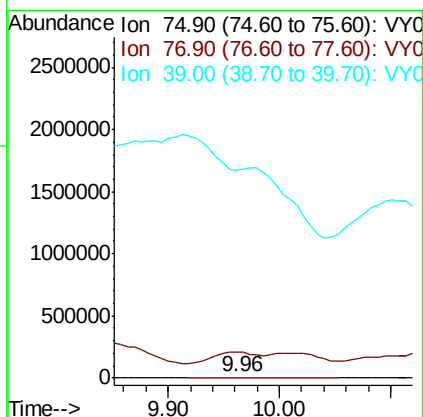
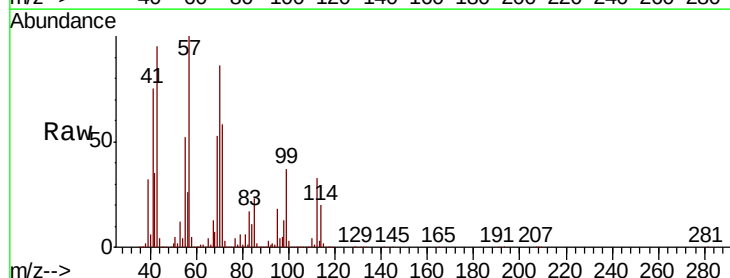
Tgt Ion: 75 Resp: 14528

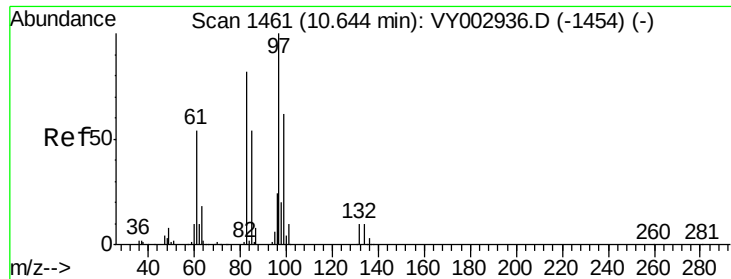
Ion Ratio Lower Upper

75 100

77 2657.6 25.4 38.2#

39 14890.8 31.4 47.0#

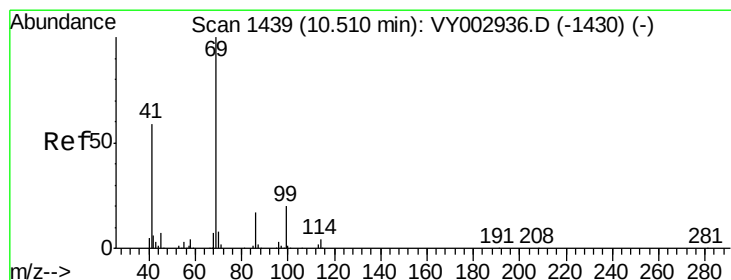
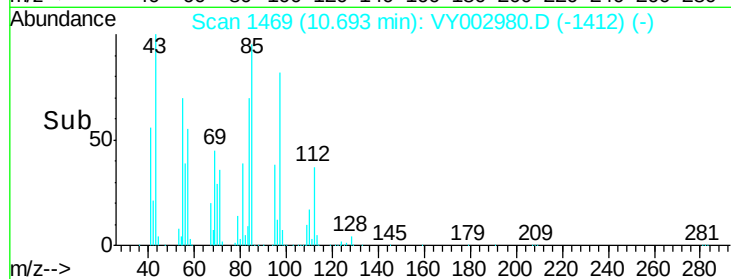
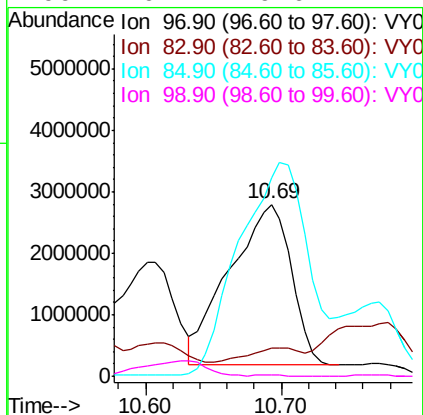
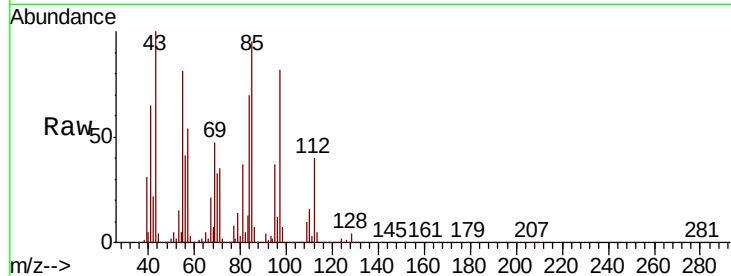




#55
 1,1,2-Trichloroethane
 Concen: 14666.773 ug/l
 RT: 10.69 min Scan# 1469
 Delta R.T. 0.05 min
 Lab File: VY002980.D
 Acq: 22 Jun 2020 17:45

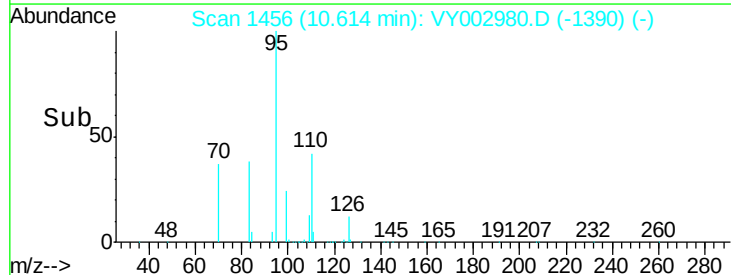
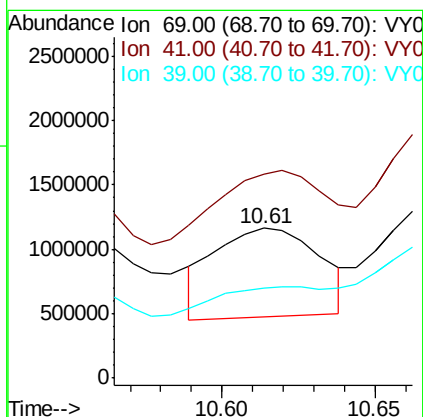
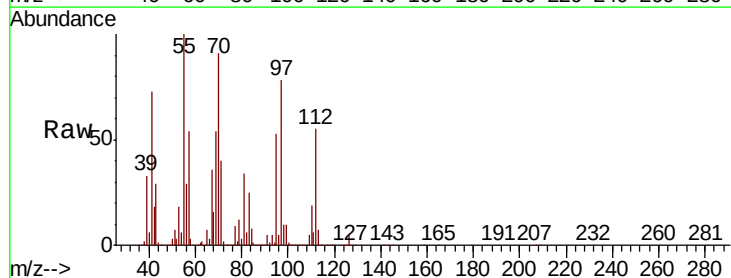
Instrument :
 MSVOA_Y
 ClientSampled :
 SB-C

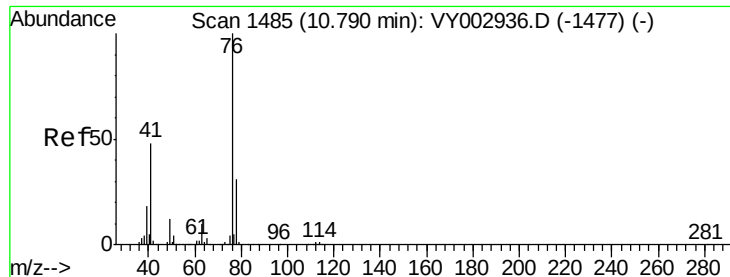
Tot Ion: 97 Resp: 8210096
 Ion Ratio Lower Upper
 97 100
 83 4.8 65.9 98.9#
 85 122.0 43.1 64.7#
 99 0.1 49.6 74.4#



#56
 Ethyl methacrylate
 Concen: 2178.131 ug/l
 RT: 10.61 min Scan# 1456
 Delta R.T. 0.10 min
 Lab File: VY002980.D
 Acq: 22 Jun 2020 17:45

Tgt Ion: 69 Resp: 1643577
 Ion Ratio Lower Upper
 69 100
 41 165.6 46.4 69.6#
 39 34.6 21.4 32.0#





#57

1,3-Dichloropropane

Concen: 2.765 ug/l

RT: 10.85 min Scan# 1494

Delta R.T. 0.05 min

Lab File: VY002980.D

Acq: 22 Jun 2020 17:45

Instrument :

MSVOA_Y

ClientSampled :

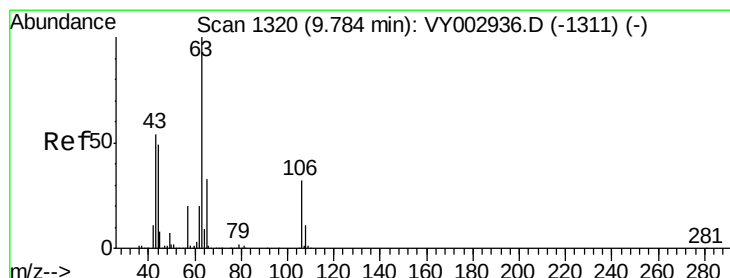
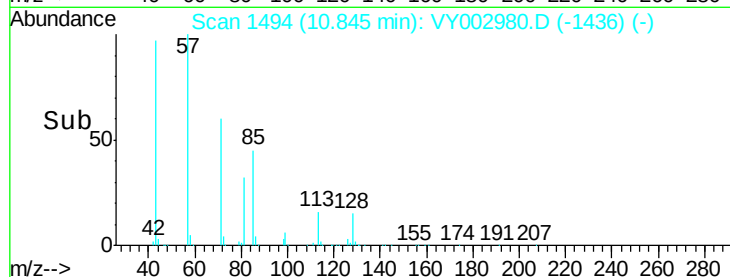
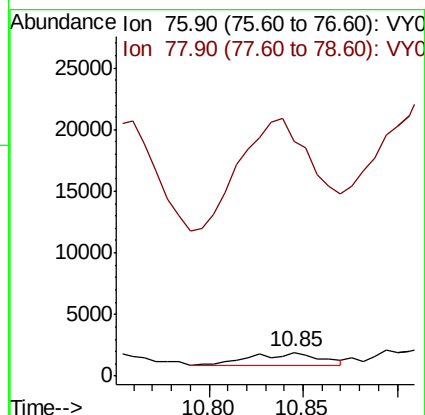
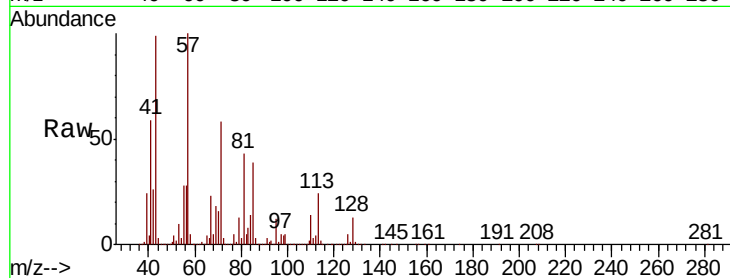
SB-C

Tot Ion: 76 Resp: 2581

Ion Ratio Lower Upper

76 100

78 960.4 25.4 38.2#



#58

2-Chloroethyl Vinyl ether

Concen: 308.472 ug/l

RT: 9.85 min Scan# 1331

Delta R.T. 0.07 min

Lab File: VY002980.D

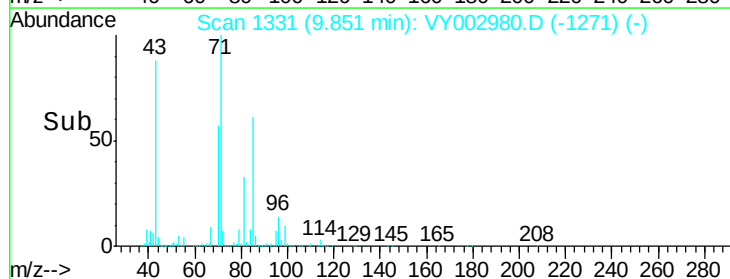
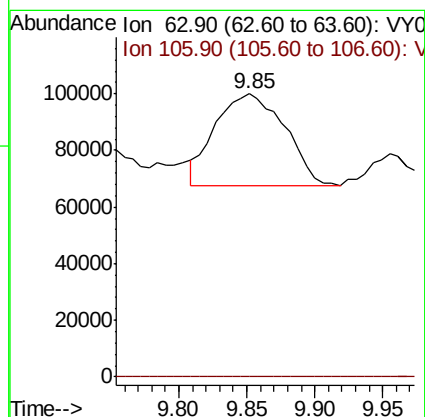
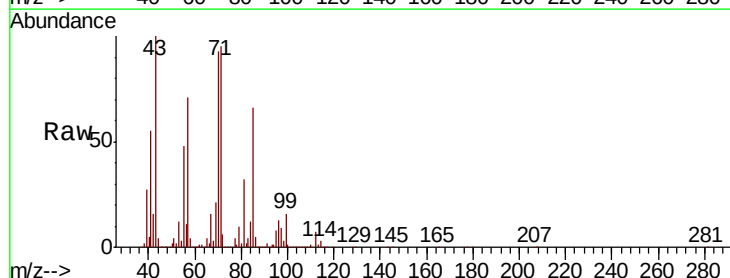
Acq: 22 Jun 2020 17:45

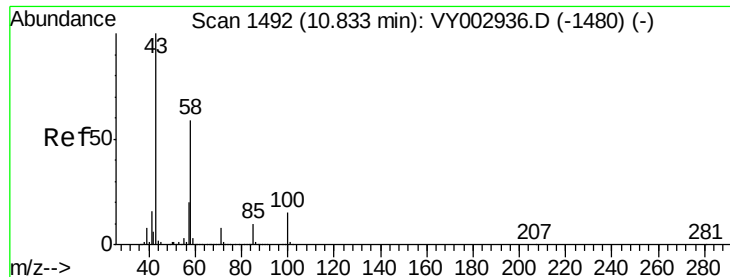
Tgt Ion: 63 Resp: 115934

Ion Ratio Lower Upper

63 100

106 0.1 25.6 38.4#





#59

2-Hexanone

Concen: 13254.179 ug/l

RT: 10.95 min Scan# 1512

Delta R.T. 0.12 min

Lab File: VY002980.D

Acq: 22 Jun 2020 17:45

Instrument :

MSVOA_Y

ClientSampleId :

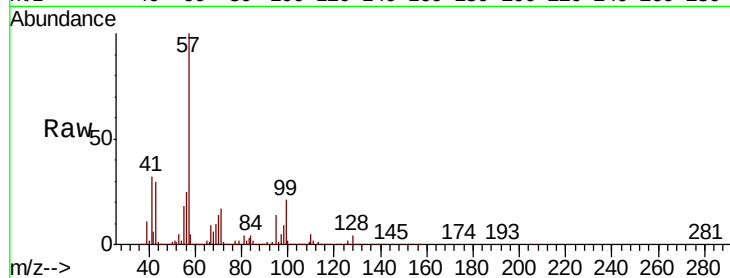
SB-C

Tot Ion: 43 Resp: 4483350

Ion Ratio Lower Upper

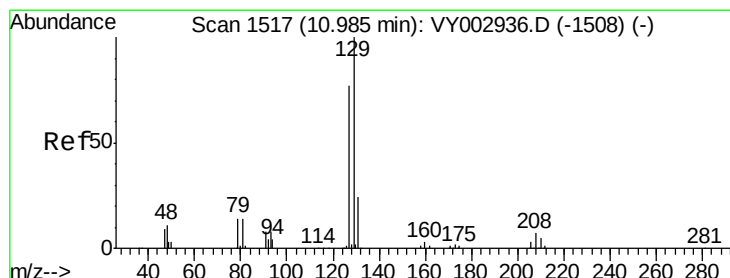
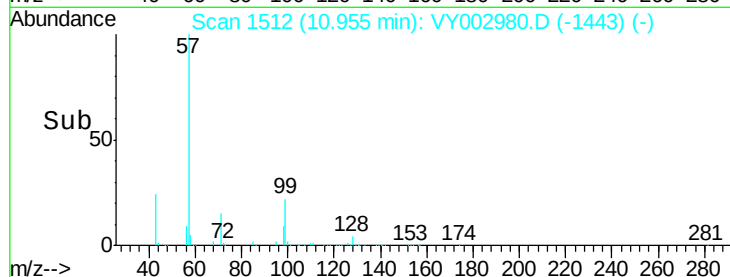
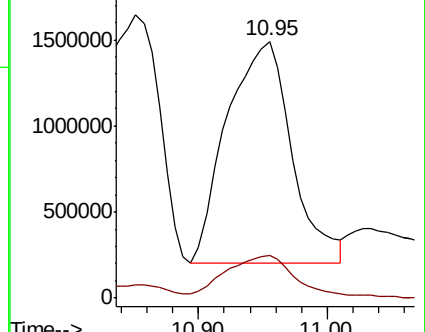
43 100

58 20.1 29.7 89.1#



Abundance Ion 43.00 (42.70 to 43.70): VY002980.D (-1443) (-)

Ion 58.00 (57.70 to 58.70): VY002980.D (-1443) (-)



#60

Dibromochloromethane

Concen: 142.190 ug/l

RT: 11.30 min Scan# 1569

Delta R.T. 0.32 min

Lab File: VY002980.D

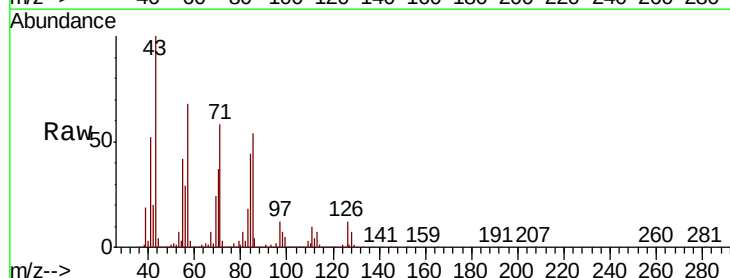
Acq: 22 Jun 2020 17:45

Tgt Ion: 129 Resp: 101507

Ion Ratio Lower Upper

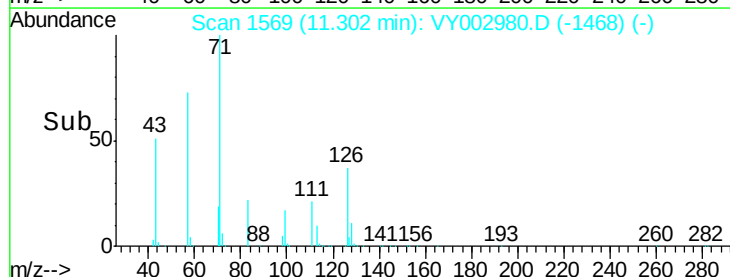
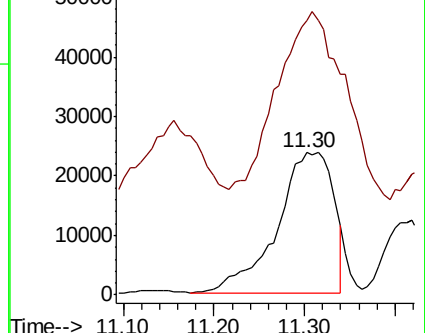
129 100

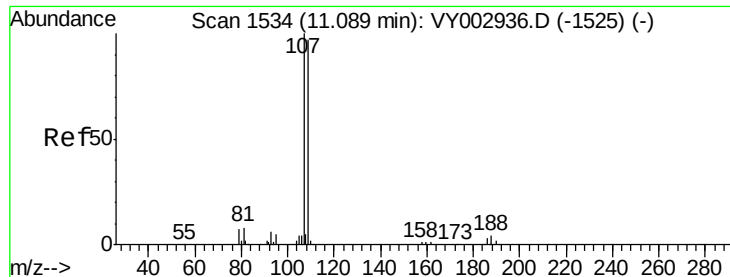
127 113.8 38.9 116.6



Abundance Ion 128.80 (128.50 to 129.50): VY002980.D (-1468) (-)

Ion 126.80 (126.50 to 127.50): VY002980.D (-1468) (-)





#61

1,2-Dibromoethane

Concen: 120.921 ug/l

RT: 11.19 min Scan# 1551

Delta R.T. 0.10 min

Lab File: VY002980.D

Acq: 22 Jun 2020 17:45

Instrument :

MSVOA_Y

ClientSampled :

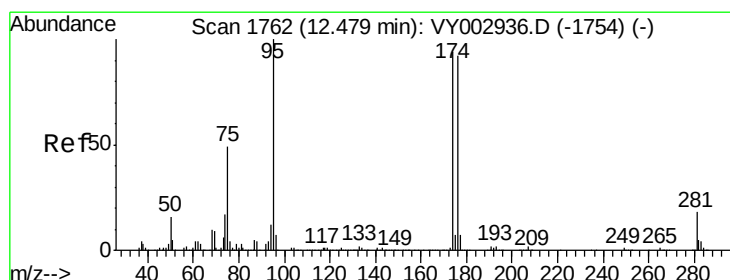
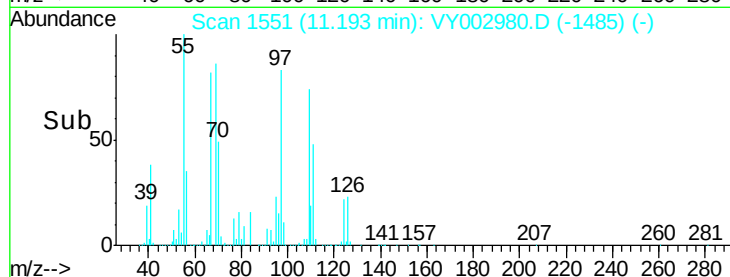
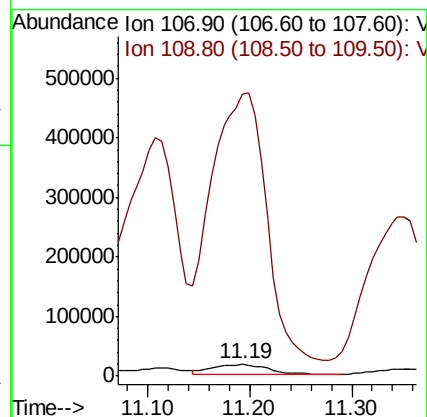
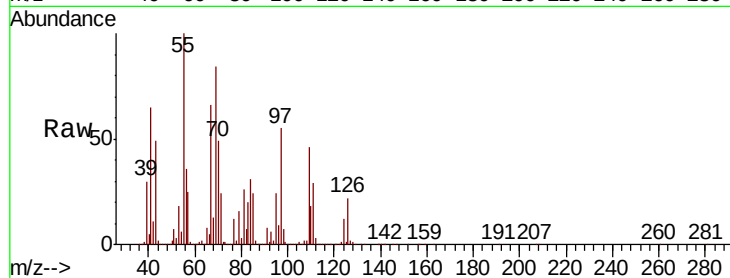
SB-C

Tot Ion:107 Resp: 67153

Ion Ratio Lower Upper

107 100

109 2449.8 76.6 114.8#



#62

4-Bromofluorobenzene

Concen: 329.874 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY002980.D

Acq: 22 Jun 2020 17:45

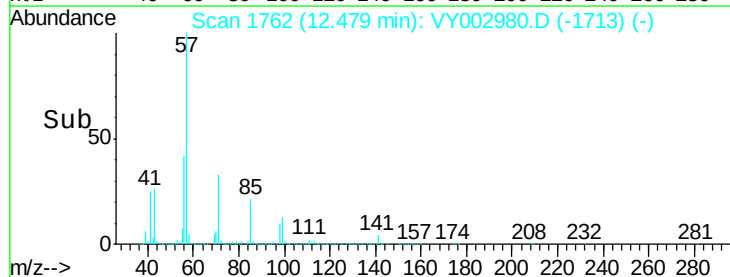
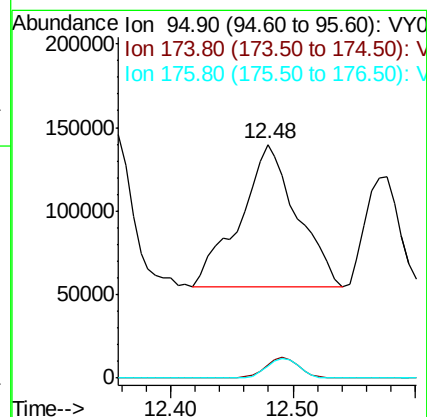
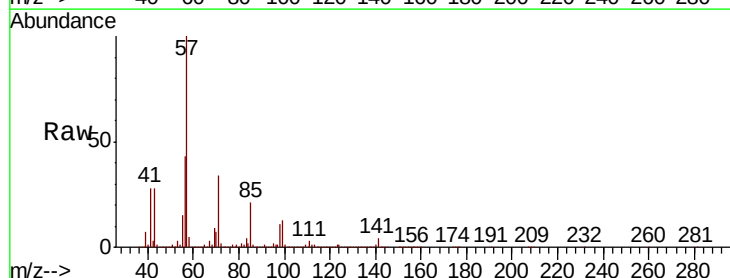
Tgt Ion: 95 Resp: 276009

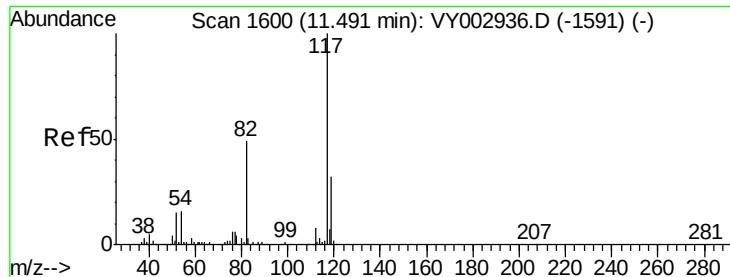
Ion Ratio Lower Upper

95 100

174 8.5 0.0 191.2

176 8.1 0.0 186.0

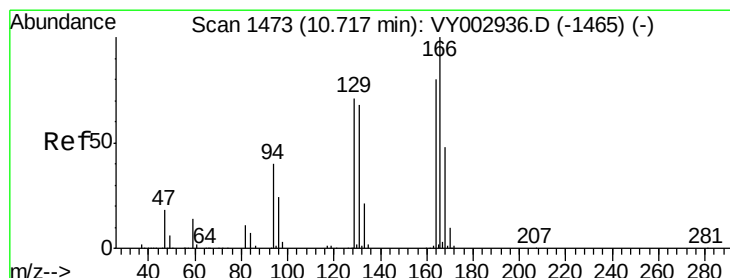
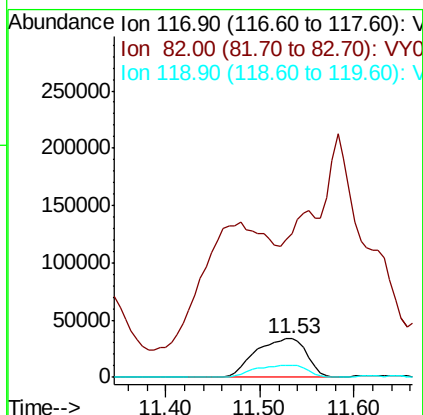
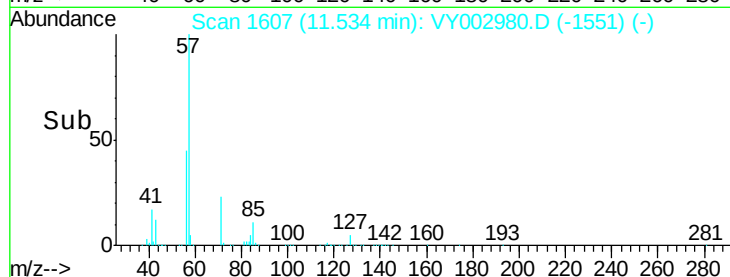
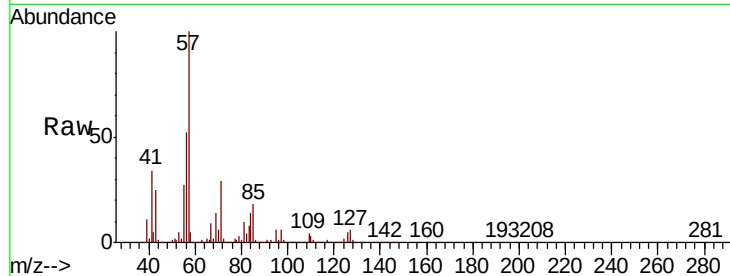




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.53 min Scan# 1607
Delta R.T. 0.04 min
Lab File: VY002980.D
Acq: 22 Jun 2020 17:45

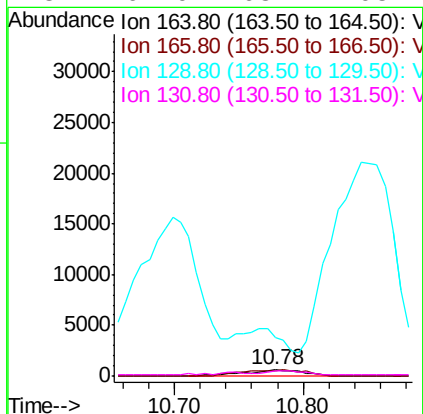
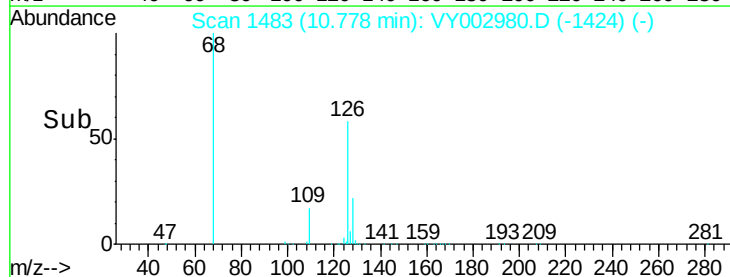
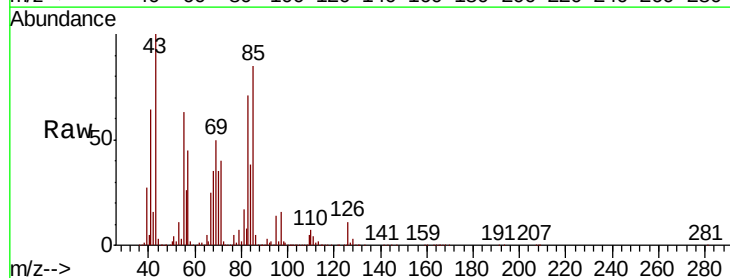
Instrument :
MSVOA_Y
ClientSampled :
SB-C

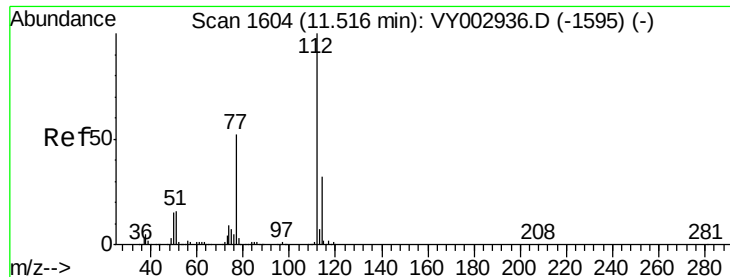
Tot Ion:117 Resp: 127160
Ion Ratio Lower Upper
117 100
82 199.9 39.4 59.0#
119 31.3 25.4 38.0



#64
Tetrachloroethene
Concen: 1.715 ug/l
RT: 10.78 min Scan# 1483
Delta R.T. 0.06 min
Lab File: VY002980.D
Acq: 22 Jun 2020 17:45

Tgt Ion:164 Resp: 1817
Ion Ratio Lower Upper
164 100
166 78.6 100.5 150.7#
129 0.0 71.1 106.7#
131 62.0 68.7 103.1#

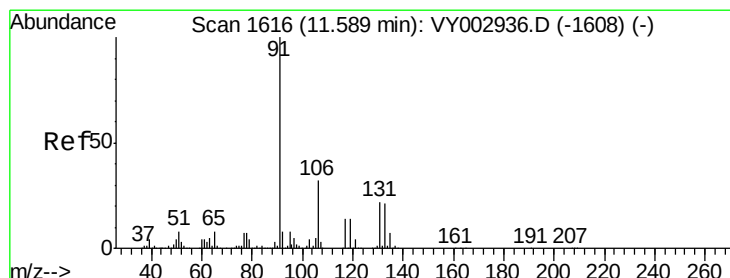
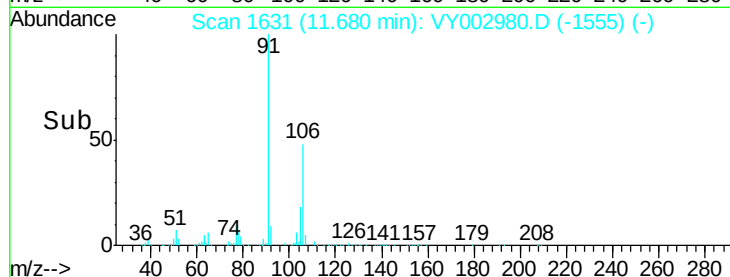
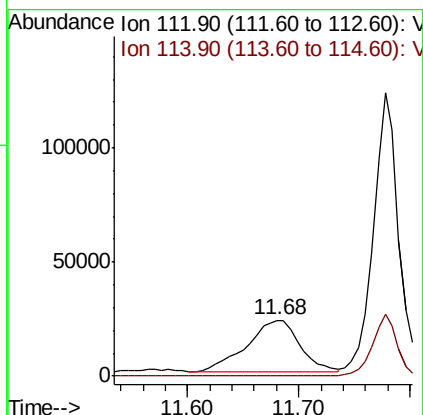
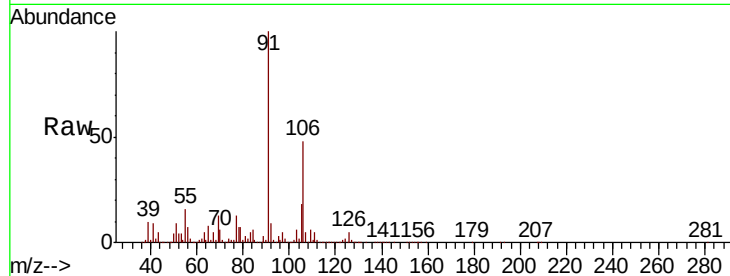




#65
Chlorobenzene
Concen: 31.570 ug/l
RT: 11.68 min Scan# 1631
Delta R.T. 0.16 min
Lab File: VY002980.D
Acq: 22 Jun 2020 17:45

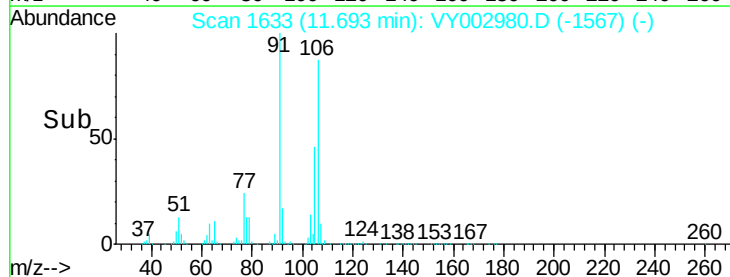
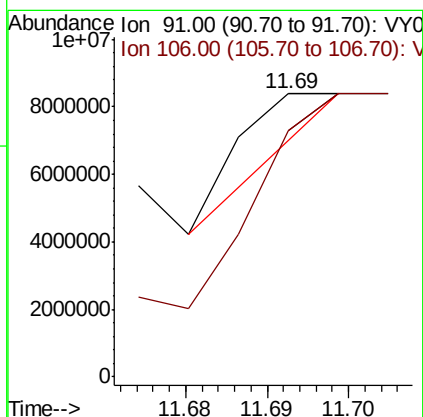
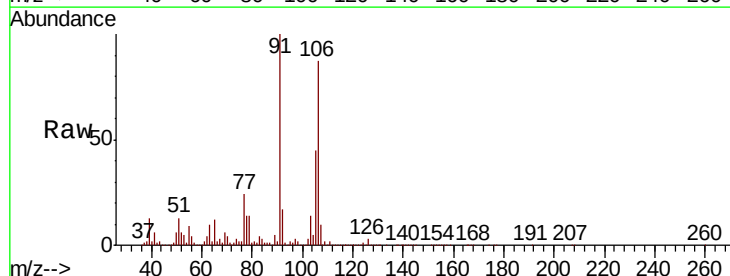
Instrument :
MSVOA_Y
ClientSampleId :
SB-C

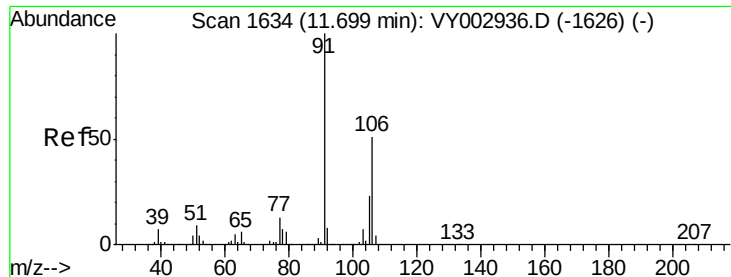
Tot Ion:112 Resp: 75990
Ion Ratio Lower Upper
112 100
114 0.0 26.0 39.0#



#67
Ethyl Benzene
Concen: 437.541 ug/l
RT: 11.69 min Scan# 1633
Delta R.T. 0.10 min
Lab File: VY002980.D
Acq: 22 Jun 2020 17:45

Tgt Ion: 91 Resp: 1816609
Ion Ratio Lower Upper
91 100
106 126.7 25.8 38.8#

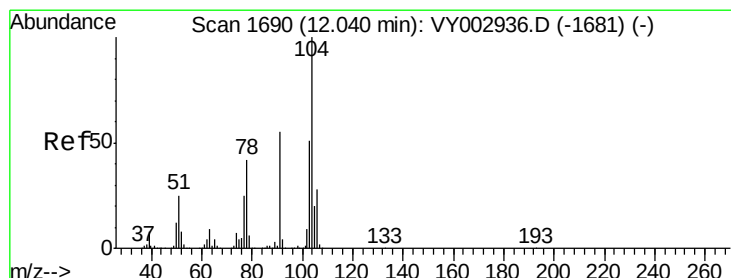
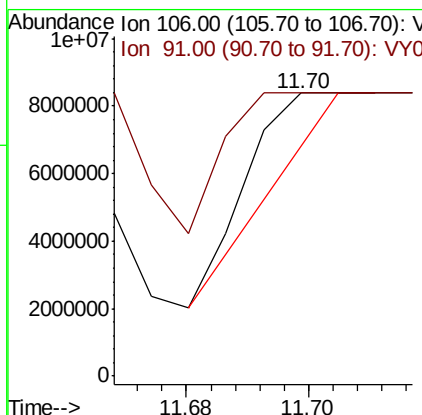
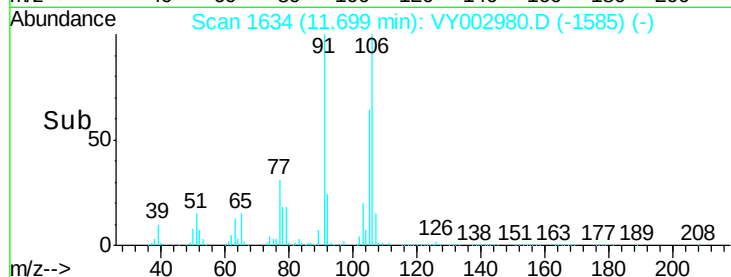
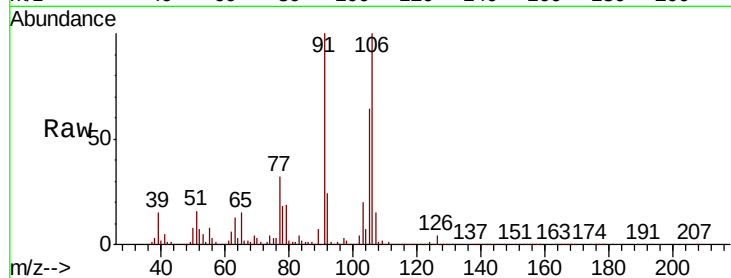




#68
m/p-Xvlenes
Concen: 1701.936 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY002980.D
Acq: 22 Jun 2020 17:45

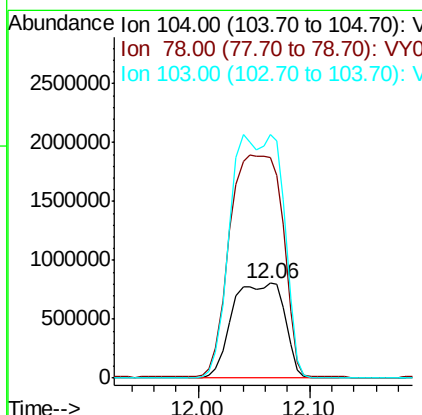
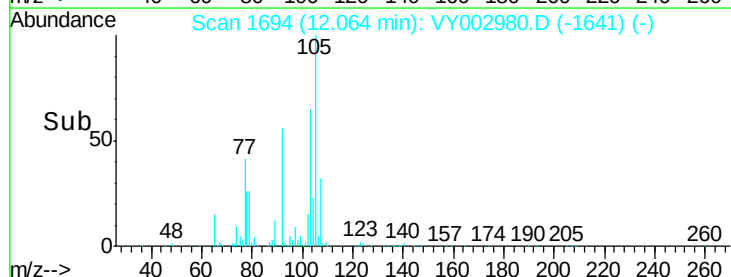
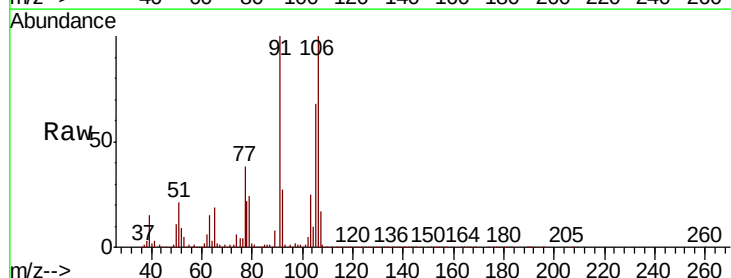
Instrument :
MSVOA_Y
ClientSampleId :
SB-C

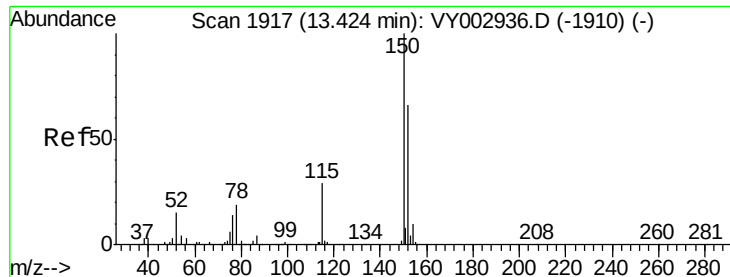
Tot Ion:106 Resp: 2745852
Ion Ratio Lower Upper
106 100
91 66.2 155.9 233.9#



#70
Styrene
Concen: 994.492 ug/l
RT: 12.06 min Scan# 1694
Delta R.T. 0.02 min
Lab File: VY002980.D
Acq: 22 Jun 2020 17:45

Tgt Ion:104 Resp: 2613185
Ion Ratio Lower Upper
104 100
78 0.0 36.9 55.3#
103 0.0 43.7 65.5#



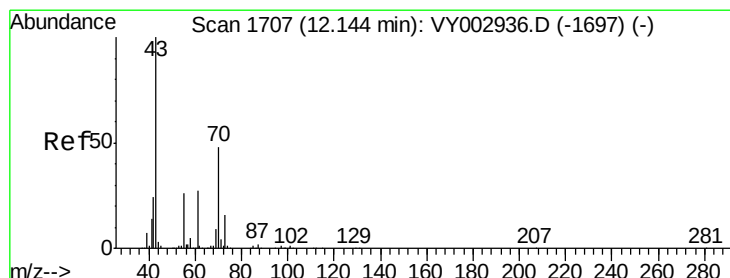
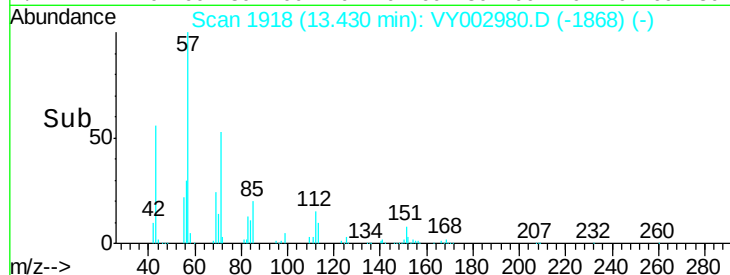
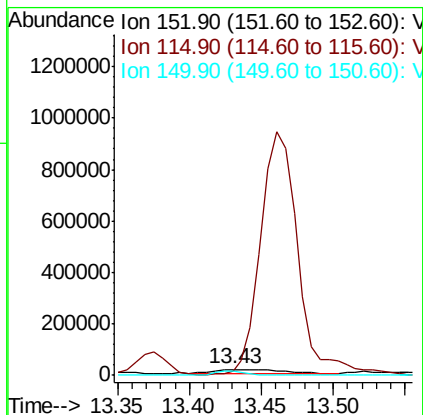
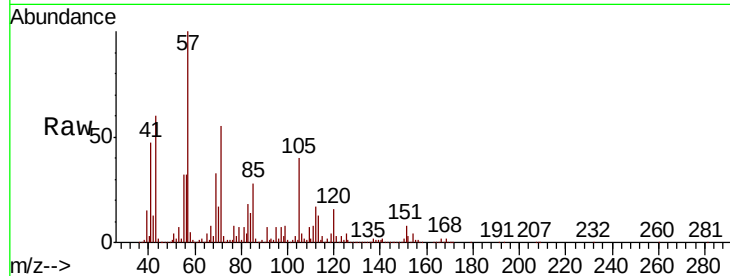


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. 0.01 min
Lab File: VY002980.D
Acq: 22 Jun 2020 17:45

Instrument :
MSVOA_Y
ClientSampleId :
SB-C

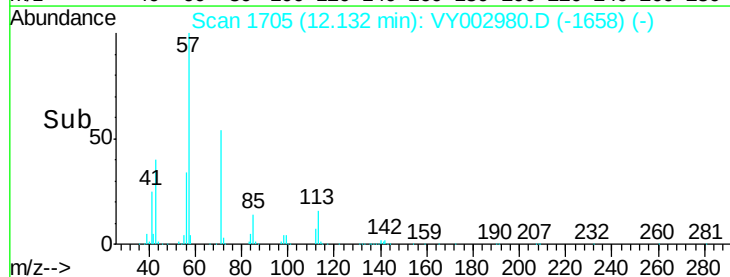
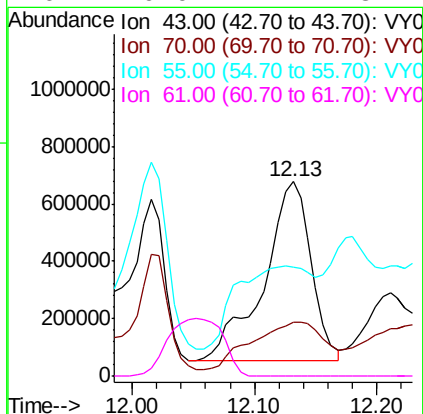
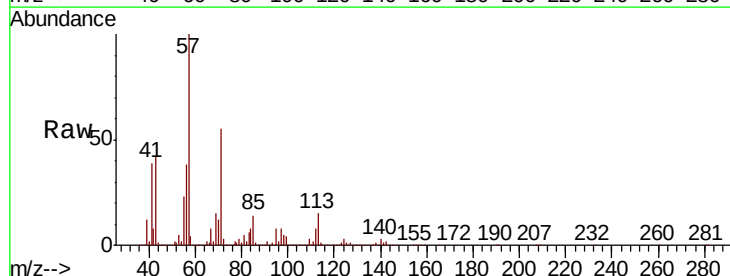
Tot Ion	Ratio	Lower	Upper
152	100		
115	0.0	26.9	80.6#
150	41.4	0.0	341.8

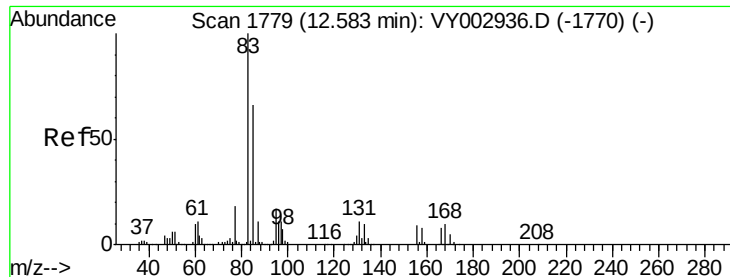


#74

N-ethyl acetate
Concen: 1716.248 ug/l
RT: 12.13 min Scan# 1705
Delta R.T. -0.01 min
Lab File: VY002980.D
Acq: 22 Jun 2020 17:45

Tgt Ion	Ratio	Lower	Upper
43	100		
70	40.6	38.0	57.0
55	73.6	20.3	30.5#
61	0.0	21.4	32.2#





#75

1,1,2,2-Tetrachloroethane

Concen: 155.672 ug/l

RT: 12.55 min Scan# 1773

Delta R.T. -0.04 min

Lab File: VY002980.D

Acq: 22 Jun 2020 17:45

Instrument :

MSVOA_Y

ClientSampled :

SB-C

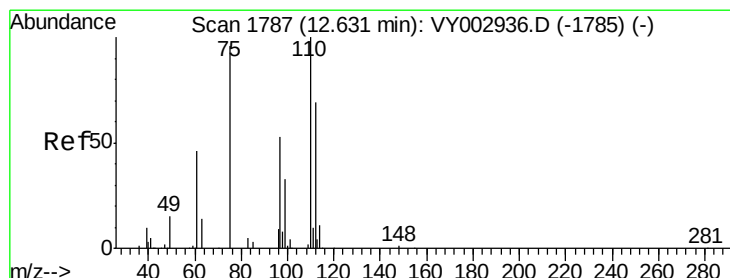
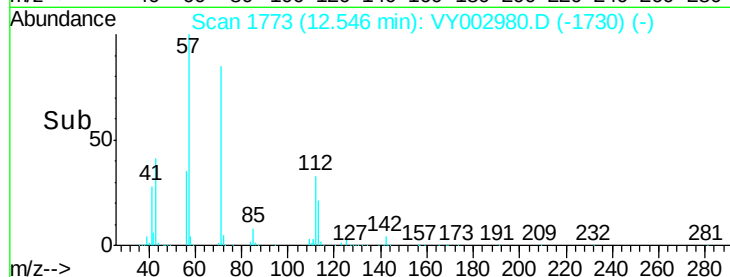
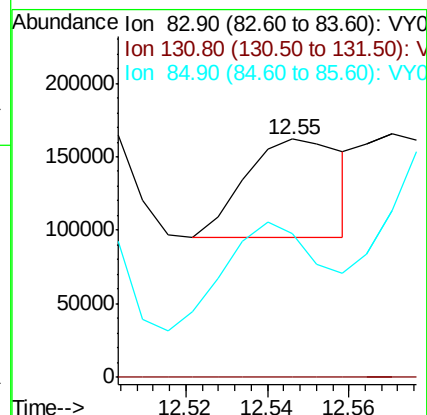
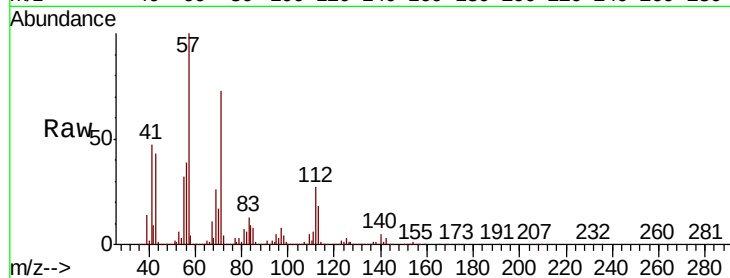
Tot Ion: 83 Resp: 109630

Ion Ratio Lower Upper

83 100

131 0.1 5.9 17.7#

85 112.1 32.8 98.3#



#76

1,2,3-Trichloropropane

Concen: 825.278 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. 0.05 min

Lab File: VY002980.D

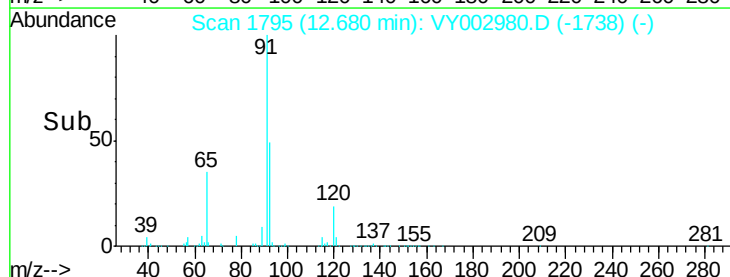
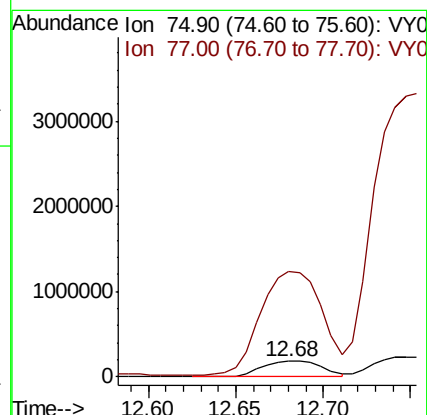
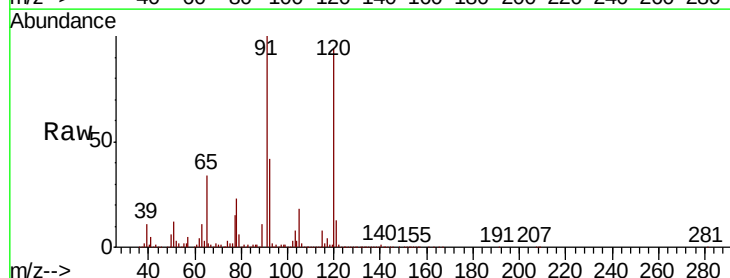
Acq: 22 Jun 2020 17:45

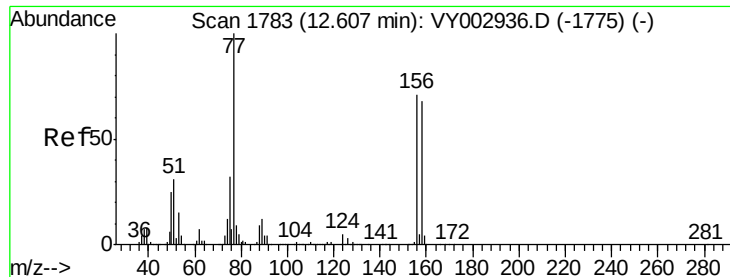
Tgt Ion: 75 Resp: 445442

Ion Ratio Lower Upper

75 100

77 670.9 0.0 0.0#





#77

Bromobenzene

Concen: 12.884 ug/l

RT: 12.59 min Scan# 1781

Delta R.T. -0.01 min

Lab File: VY002980.D

Acq: 22 Jun 2020 17:45

Instrument :

MSVOA_Y

ClientSampleId :

SB-C

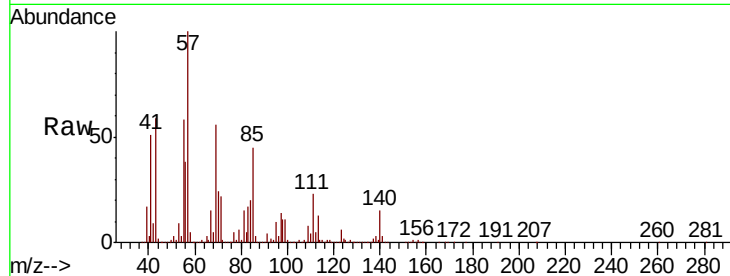
Tot Ion:156 Resp: 12813

Ion Ratio Lower Upper

156 100

77 0.0 80.5 241.5#

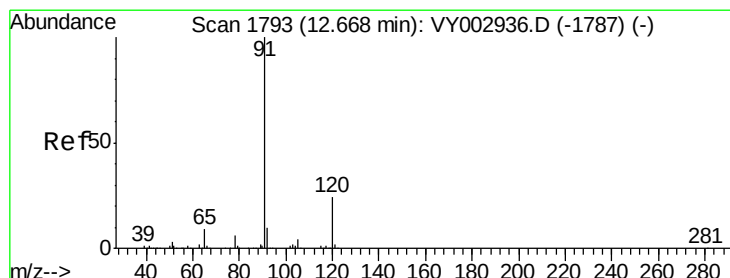
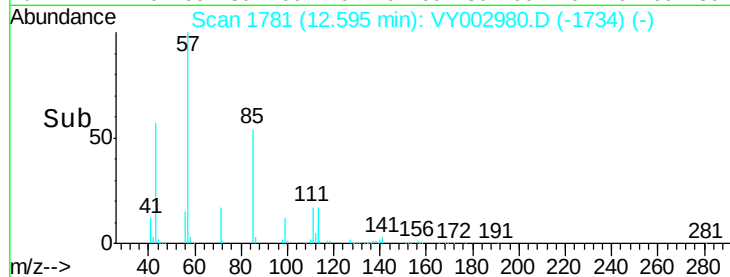
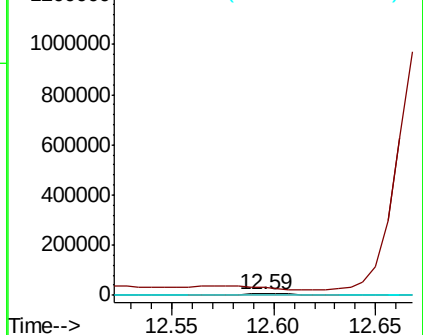
158 0.7 48.2 144.6#



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: 2604.492 ug/l

RT: 12.76 min Scan# 1808

Delta R.T. 0.09 min

Lab File: VY002980.D

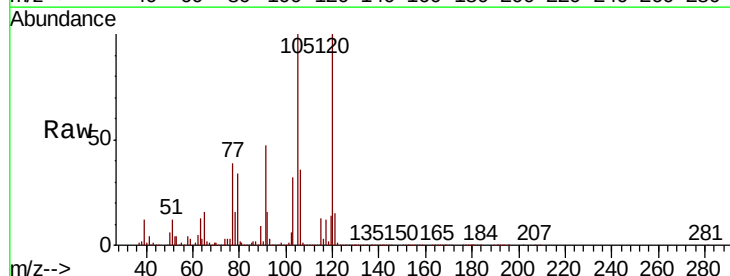
Acq: 22 Jun 2020 17:45

Tgt Ion: 91 Resp:11477306

Ion Ratio Lower Upper

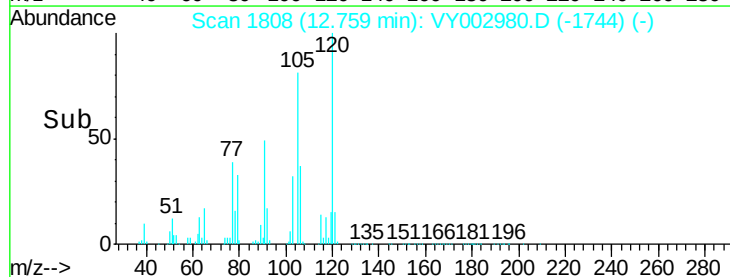
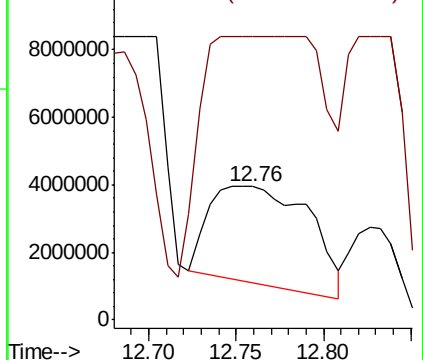
91 100

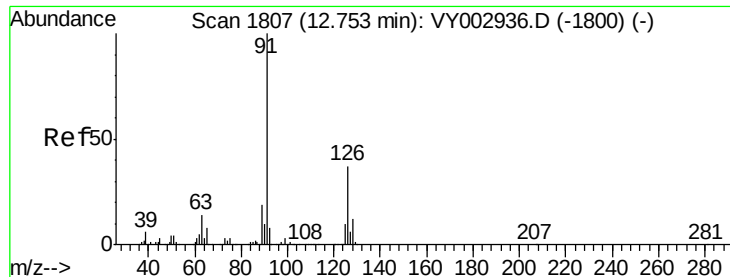
120 32.3 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

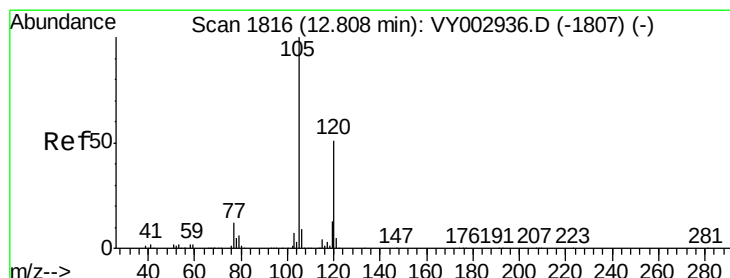
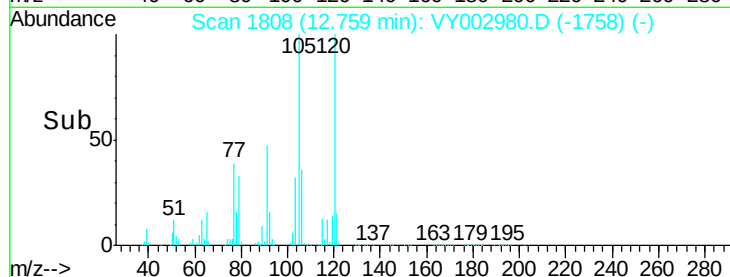
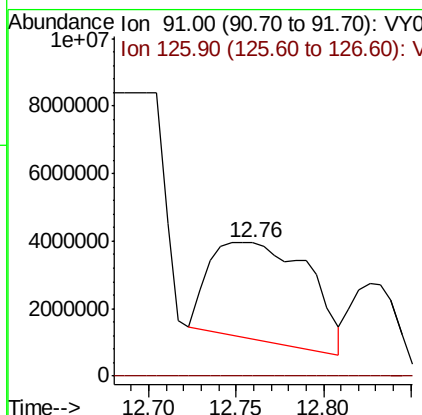
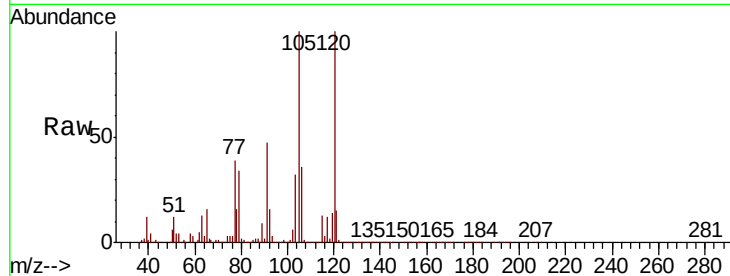




#79
 2-Chlorotoluene
 Concen: 4650.063 ug/l
 RT: 12.76 min Scan# 1808
 Delta R.T. 0.01 min
 Lab File: VY002980.D
 Acq: 22 Jun 2020 17:45

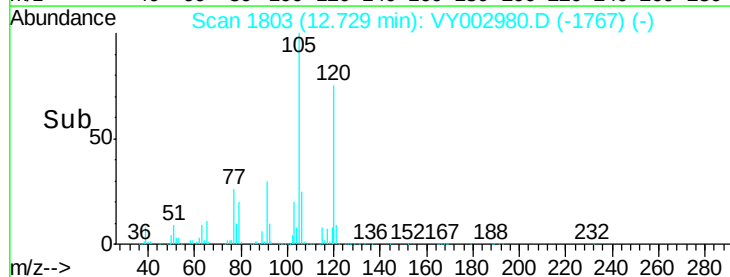
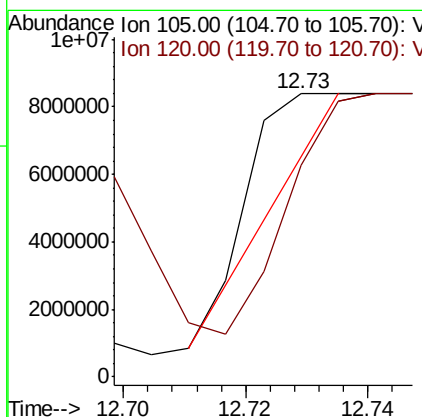
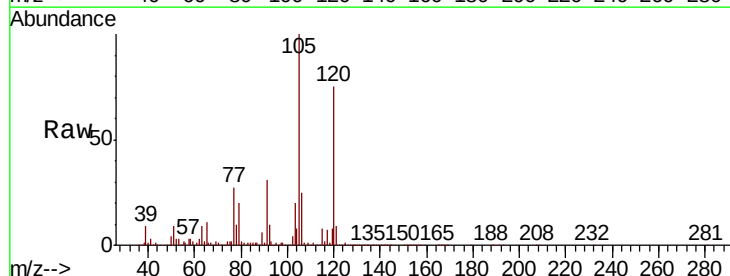
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-C

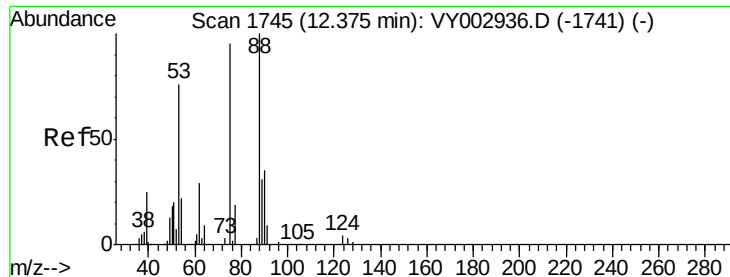
Tot Ion: 91 Resp: 11477306
 Ion Ratio Lower Upper
 91 100
 126 0.0 18.5 55.5#



#80
 1,3,5-Trimethylbenzene
 Concen: 1033.680 ug/l
 RT: 12.73 min Scan# 1803
 Delta R.T. -0.08 min
 Lab File: VY002980.D
 Acq: 22 Jun 2020 17:45

Tgt Ion: 105 Resp: 3273141
 Ion Ratio Lower Upper
 105 100
 120 113.1 25.6 76.6#





#81

trans-1,4-Dichloro-2-butene

Concen: 2088.398 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. -0.04 min

Lab File: VY002980.D

Acq: 22 Jun 2020 17:45

Instrument :

MSVOA_Y

ClientSampled :

SB-C

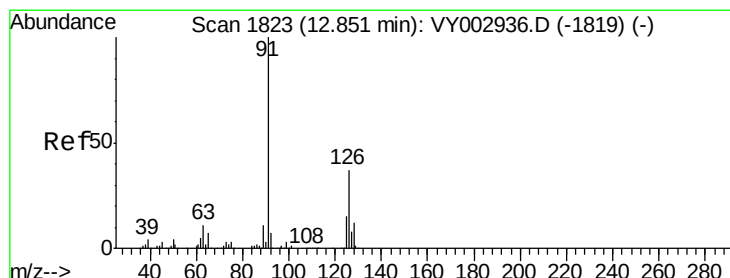
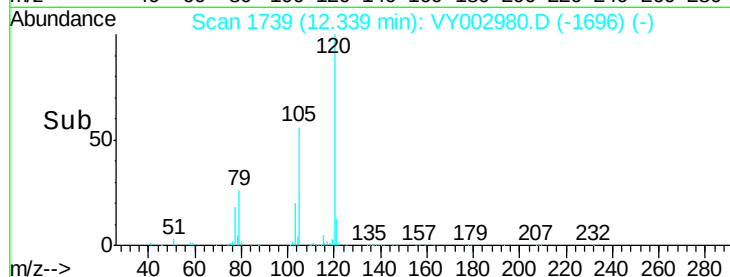
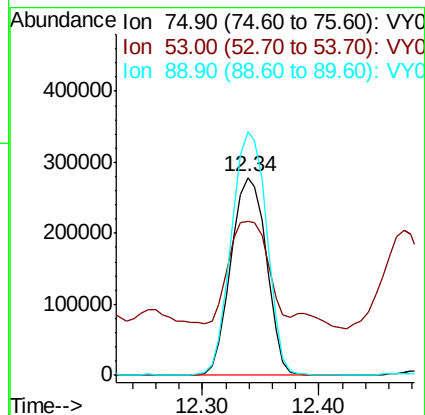
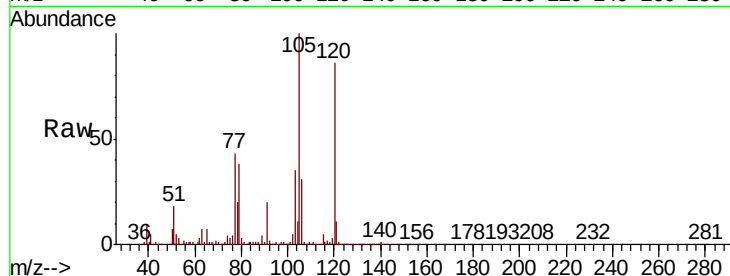
Tot Ion: 75 Resp: 590408

Ion Ratio Lower Upper

75 100

53 56.7 65.1 97.7#

89 122.3 38.4 57.6#



#82

4-Chlorotoluene

Concen: 1936.960 ug/l

RT: 12.83 min Scan# 1819

Delta R.T. -0.02 min

Lab File: VY002980.D

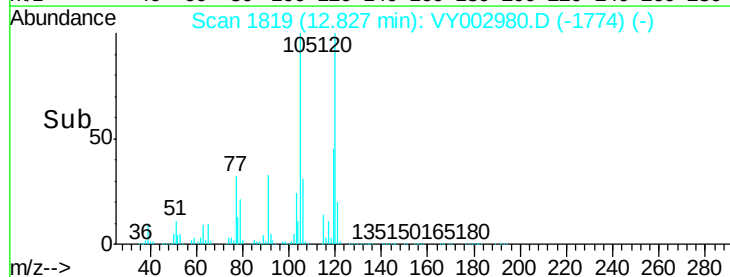
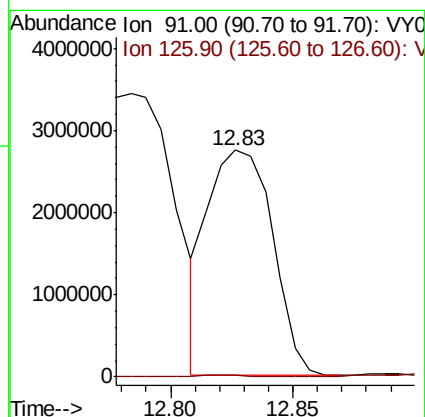
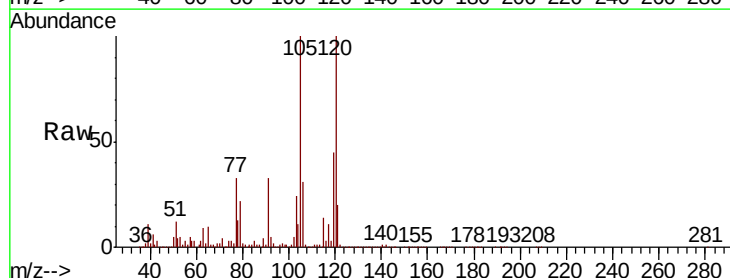
Acq: 22 Jun 2020 17:45

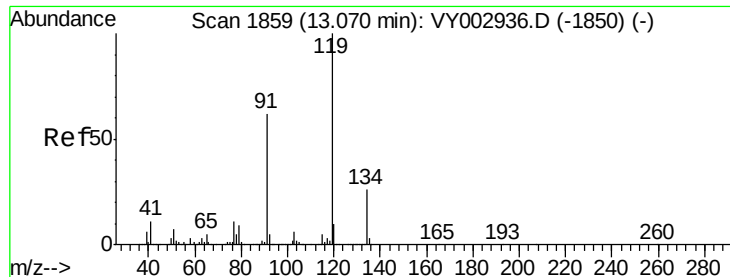
Tgt Ion: 91 Resp: 5027754

Ion Ratio Lower Upper

91 100

126 0.6 18.6 55.8#





#83

tert-Butylbenzene

Concen: 2448.663 ug/l

RT: 13.13 min Scan# 1868

Delta R.T. 0.05 min

Lab File: VY002980.D

Acq: 22 Jun 2020 17:45

Instrument :

MSVOA_Y

ClientSampled :

SB-C

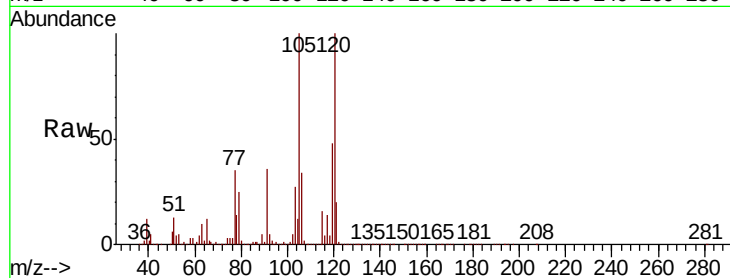
Tot Ion:119 Resp: 6945158

Ion Ratio Lower Upper

119 100

91 0.0 29.9 89.7#

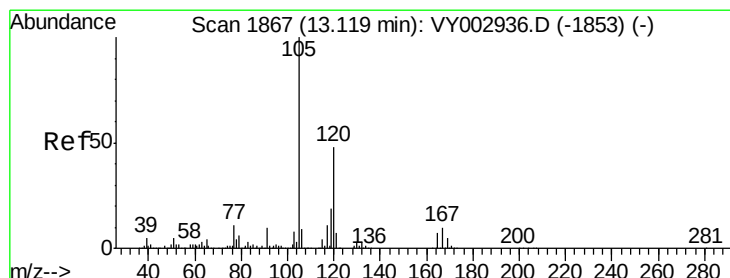
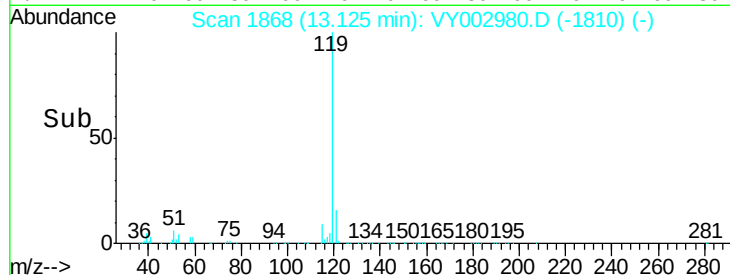
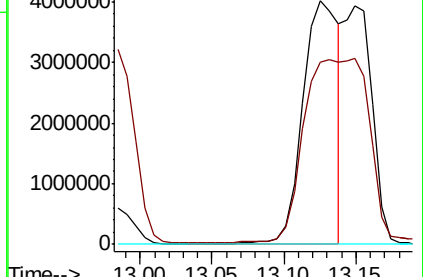
134 0.0 13.3 39.8#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 1593.199 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. 0.14 min

Lab File: VY002980.D

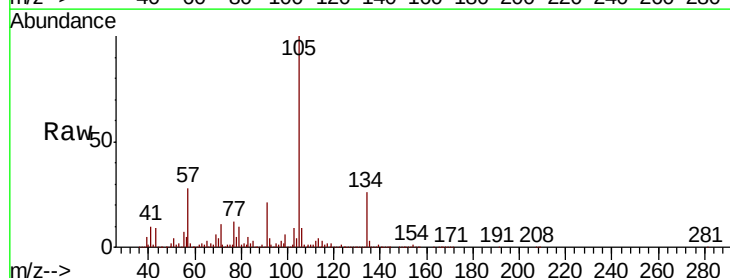
Acq: 22 Jun 2020 17:45

Tgt Ion:105 Resp: 5076394

Ion Ratio Lower Upper

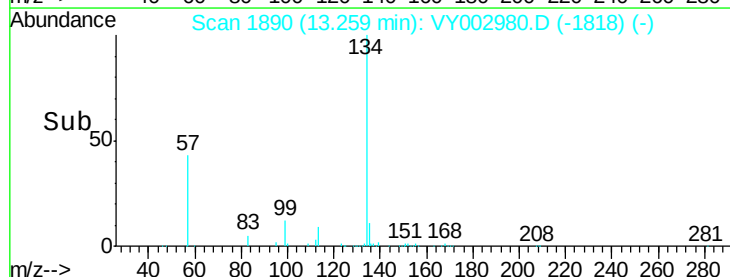
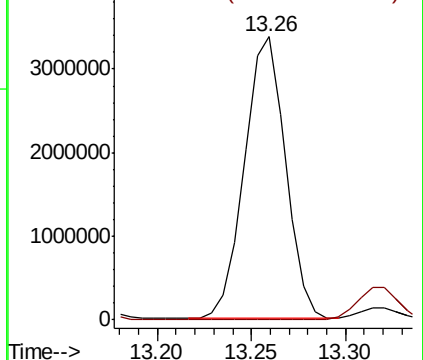
105 100

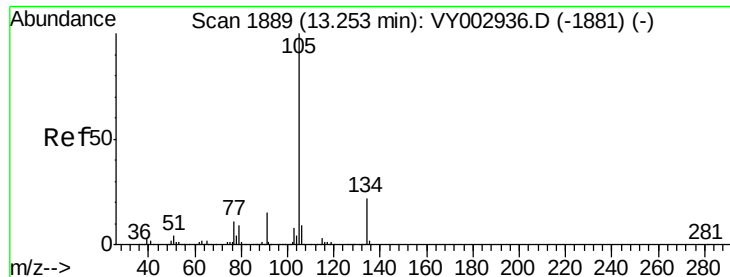
120 0.0 23.5 70.5#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

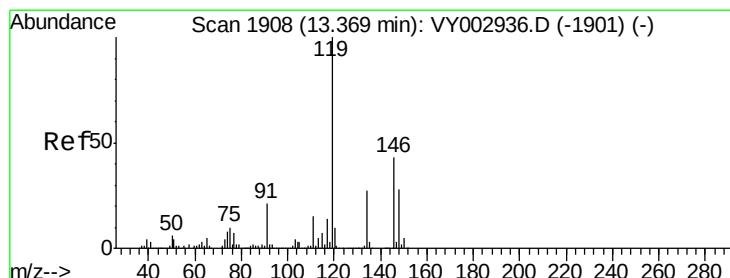
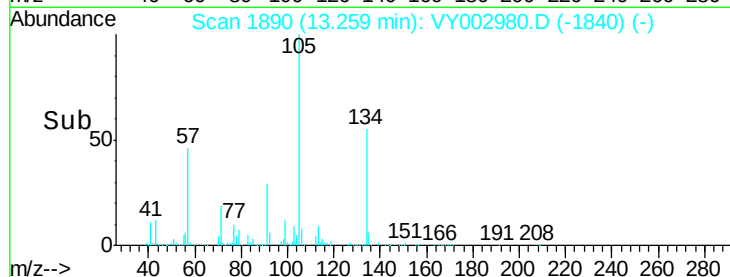
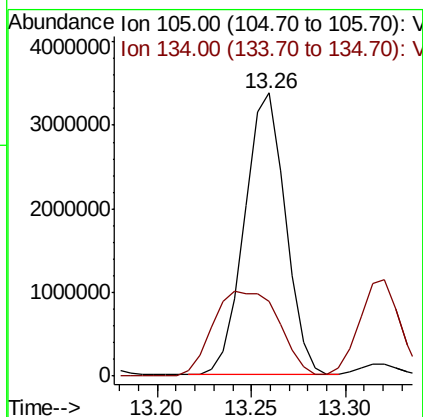
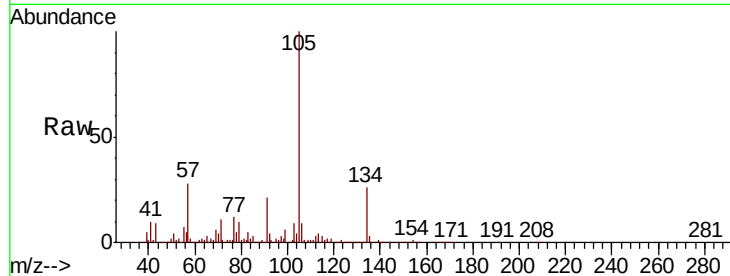




#85
 sec-Butylbenzene
 Concen: 1315.726 ug/l
 RT: 13.26 min Scan# 1890
 Delta R.T. 0.01 min
 Lab File: VY002980.D
 Acq: 22 Jun 2020 17:45

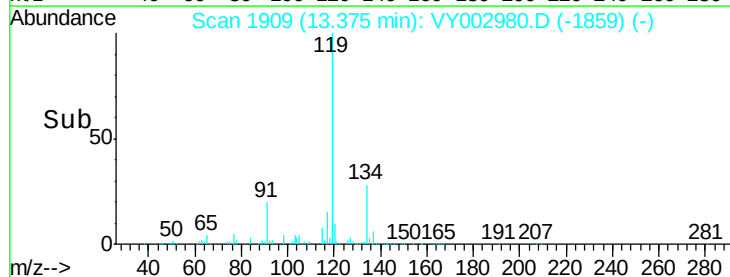
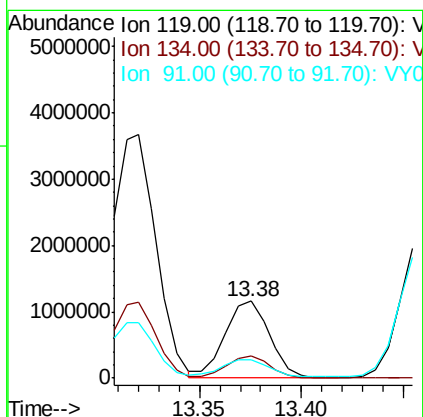
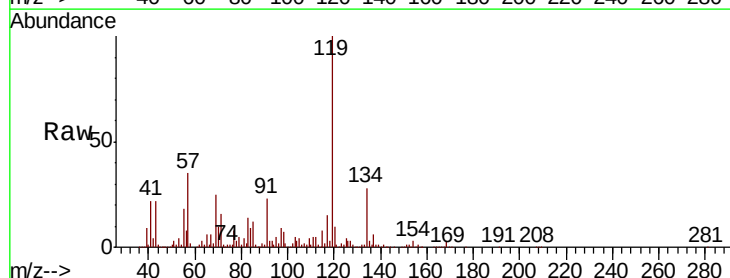
Instrument :
 MSVOA_Y
 ClientSampled :
 SB-C

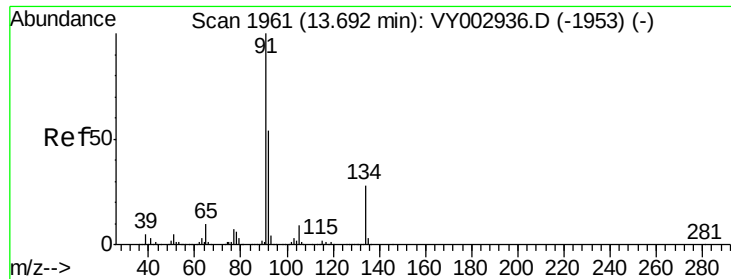
Tot Ion:105 Resp: 5076394
 Ion Ratio Lower Upper
 105 100
 134 48.8 10.8 32.4#



#86
 p-Isopropyltoluene
 Concen: 485.406 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. 0.01 min
 Lab File: VY002980.D
 Acq: 22 Jun 2020 17:45

Tgt Ion:119 Resp: 1756692
 Ion Ratio Lower Upper
 119 100
 134 27.6 13.6 40.8
 91 24.0 10.8 32.4

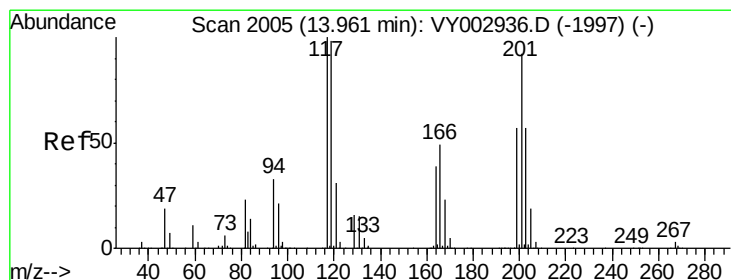
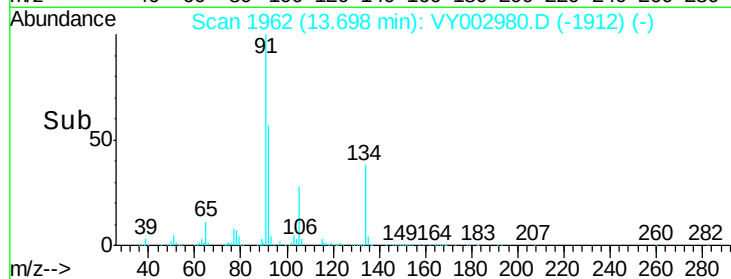
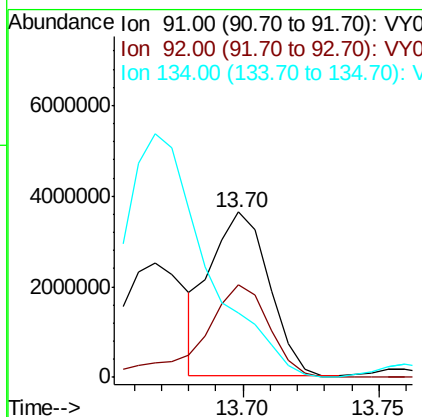
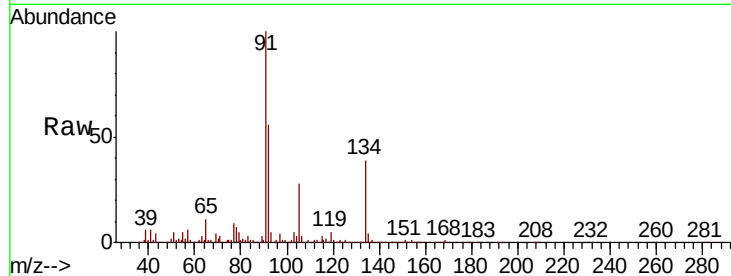




#89
n-Butylbenzene
Concen: 1643.028 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY002980.D
Acq: 22 Jun 2020 17:45

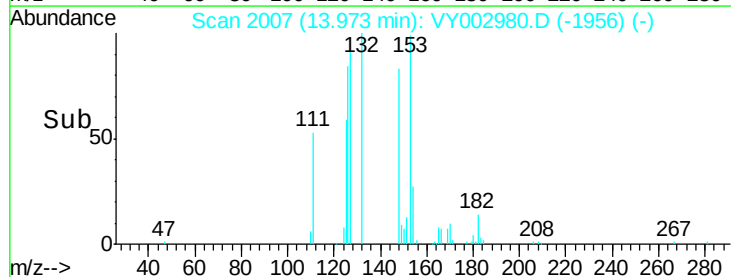
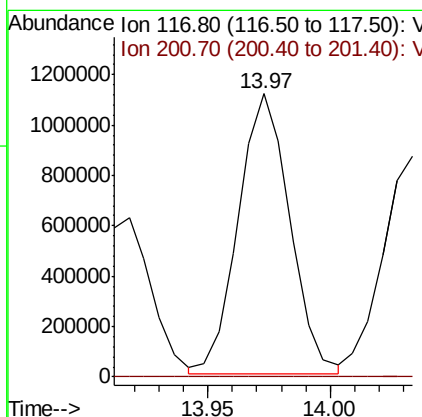
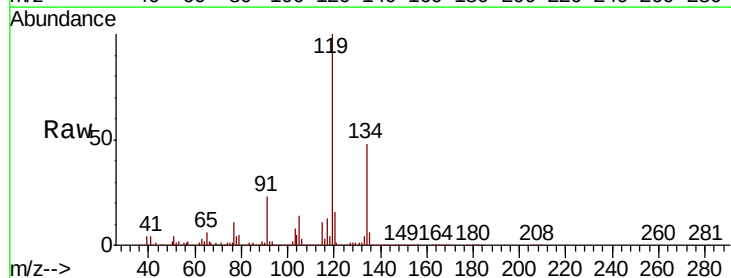
Instrument :
MSVOA_Y
ClientSampleId :
SB-C

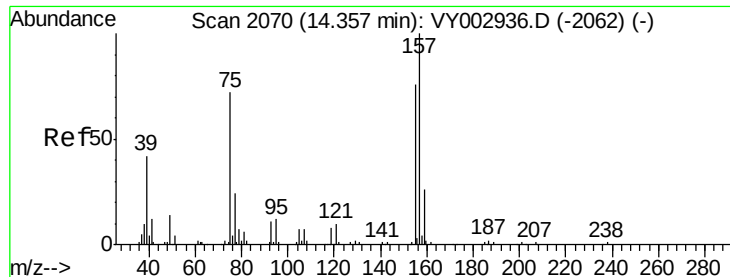
Tot Ion: 91 Resp: 5375363
Ion Ratio Lower Upper
91 100
92 64.1 27.0 80.8
134 0.0 14.5 43.5#



#90
Hexachloroethane
Concen: 2401.875 ug/l
RT: 13.97 min Scan# 2007
Delta R.T. 0.01 min
Lab File: VY002980.D
Acq: 22 Jun 2020 17:45

Tgt Ion: 117 Resp: 1619081
Ion Ratio Lower Upper
117 100
201 0.0 45.1 135.5#

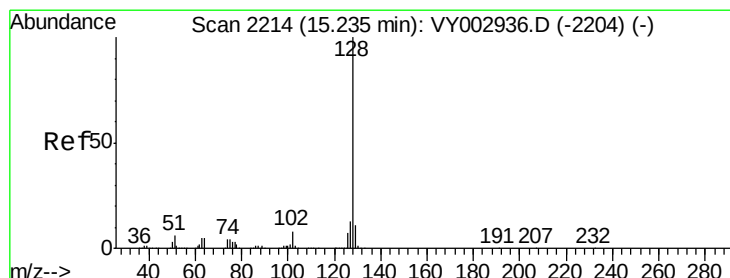
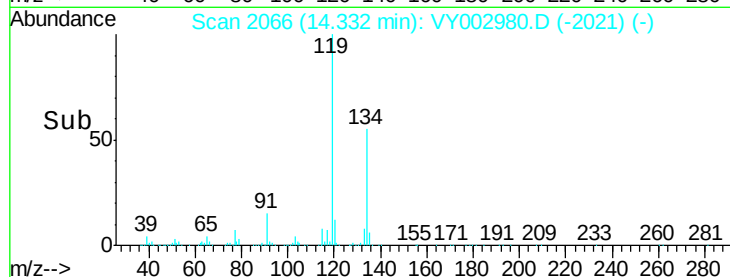
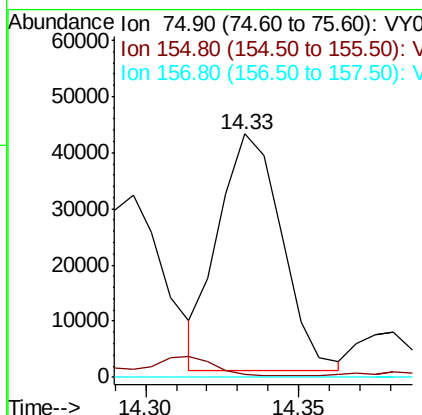
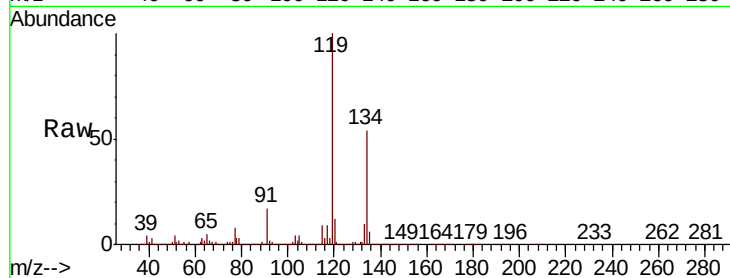




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 460.280 ug/l
 RT: 14.33 min Scan# 2066
 Delta R.T. -0.02 min
 Lab File: VY002980.D
 Acq: 22 Jun 2020 17:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-C

Tot Ion: 75 Resp: 60557
 Ion Ratio Lower Upper
 75 100
 155 0.0 53.1 159.4#
 157 0.1 69.0 206.9#



#95
 Naphthalene
 Concen: 2881.965 ug/l
 RT: 15.23 min Scan# 2214
 Delta R.T. -0.00 min
 Lab File: VY002980.D
 Acq: 22 Jun 2020 17:45

Tgt Ion: 128 Resp: 7353591
 Ion Ratio Lower Upper
 128 100
 127 13.3 10.2 15.4
 129 11.4 8.7 13.1

