

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120920\
 Data File : VY003693.D
 Acq On : 09 Dec 2020 11:34
 Operator : SY/MD
 Sample : L4980-09
 Misc : 5.00G/10ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 GB1F2

Quant Time: Dec 10 02:28:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM120420S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 10 02:27:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.70	114	221478	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.50	117	214355	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.43	152	111115	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	71461	22.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.28%
7) Chloroethane-d5	2.77	69	56505	23.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.64%
10) 1,1-Dichloroethene-d2	3.86	63	138943	23.57	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.28%
20) 2-Butanone-d5	6.90	46	51113	45.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.56%
24) Chloroform-d	7.49	84	135640	23.80	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.20%
26) 1,2-Dichloroethane-d4	8.15	65	77780	24.25	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.00%
29) Benzene-d6	8.12	84	304252	24.52	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.08%
33) 1,2-Dichloropropane-d6	9.12	67	89701	24.43	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.72%
37) Toluene-d8	10.18	98	277807	24.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.88%
38) trans-1,3-Dichloropropene-	10.44	79	43996	25.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.28%
39) 2-Hexanone-d5	10.79	63	42735	46.45	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.90%
48) 1,1,2,2-Tetrachloroethane-	12.56	84	83682	25.58	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.32%
61) 1,2-Dichlorobenzene-d4	13.73	152	101773	25.21	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.84%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	2.12	50	69436	25.705	ug/L	98
6) Bromomethane	2.66	94	18956	10.264	ug/L	100
9) Trichlorofluoromethane	3.14	101	77036	17.616	ug/L	99
12) 1,1-Dichloroethene	3.89	96	66596	25.126	ug/L	92
13) Acetone	3.96	43	44975	54.948	ug/L	98
15) Methyl Acetate	4.49	43	84707	41.130	ug/L	97
16) Methylene chloride	4.73	84	42322	10.883	ug/L	98
17) Methyl tert-butyl Ether	5.23	73	264242	35.171	ug/L	99
18) trans-1,2-Dichloroethene	5.23	96	34806	11.663	ug/L	98
22) cis-1,2-Dichloroethene	7.00	96	91042	28.626	ug/L	95
23) Bromochloromethane	7.34	128	25952	16.346	ug/L	97
25) Chloroform	7.79	83	2963	0.584	ug/L	89
27) 1,2-Dichloroethane	8.25	62	37920	11.054	ug/L	99
30) Cyclohexane	7.80	56	52516	11.372	ug/L	98
31) 1,1,1-Trichloroethane	7.71	97	50405	11.031	ug/L	99
32) Carbon tetrachloride	7.90	117	57428	14.159	ug/L	99
35) Trichloroethene	8.94	95	133856	39.760	ug/L	99

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

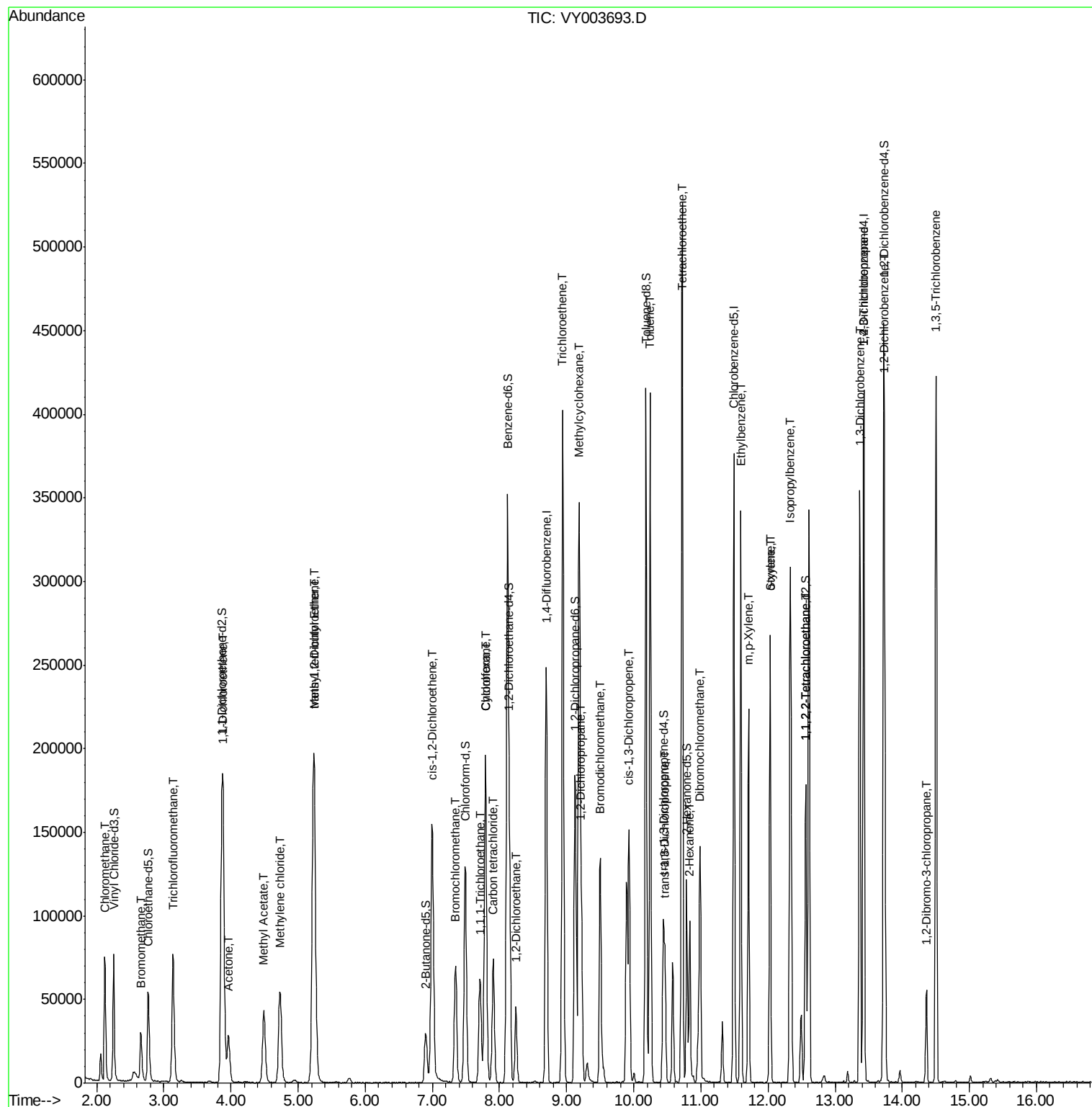
36) Methylcyclohexane	9.19	83	148423	28.768	uq/L	99
40) 1,2-Dichloropropane	9.22	63	42979	13.975	uq/L	100
41) Bromodichloromethane	9.50	83	85742	21.943	uq/L	99
42) cis-1,3-Dichloropropene	9.93	75	89052	18.396	uq/L	99
44) Toluene	10.25	91	293810	22.714	uq/L	100
45) trans-1,3-Dichloropropene	10.47	75	38393	8.605	uq/L	94
47) Tetrachloroethene	10.72	164	116220	44.328	uq/L	96
49) 2-Hexanone	10.84	43	59219	29.169	uq/L	98
50) Dibromochloromethane	10.98	129	68268	22.000	uq/L	99
53) Ethylbenzene	11.59	91	234536	16.614	uq/L	97
54) m,p-Xylene	11.71	106	60237	11.061	uq/L	97
55) o-xylene	12.03	106	71403	13.667	uq/L	97
56) Styrene	12.03	104	4366	0.488	uq/L #	1
57) Isopropylbenzene	12.33	105	185639	13.590	uq/L	100
58) 1,1,2,2-Tetrachloroethane	12.57	83	651	0.229	uq/L #	1
59) 1,2,3-Trichloropropane	13.43	75	13529	5.323	uq/L	99
63) 1,3-Dichlorobenzene	13.37	146	144663	21.893	uq/L	97
65) 1,2-Dichlorobenzene	13.74	146	69591	11.479	uq/L	99
66) 1,2-Dibromo-3-chloropropan	14.35	75	12283	21.750	uq/L	92
67) 1,3,5-Trichlorobenzene	14.51	180	132563	28.376	uq/L	100

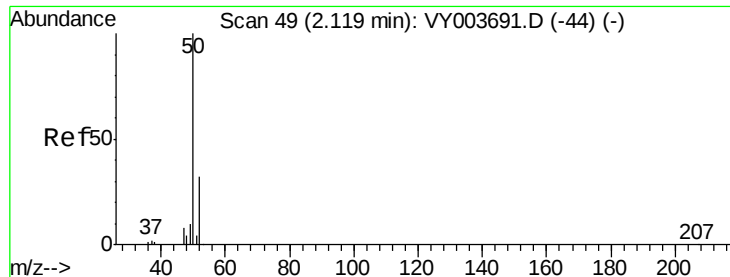
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#3

Chloromethane

Concen: 25.705 ug/L

RT: 2.12 min Scan# 49

Delta R.T. 0.00 min

Lab File: VY003693.D

Acq: 09 Dec 2020 11:34

Instrument :

MSVOA_Y

ClientSampleId :

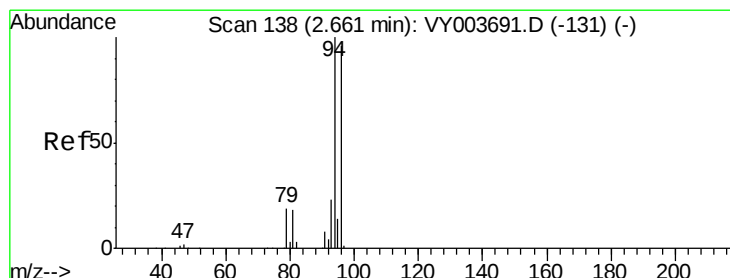
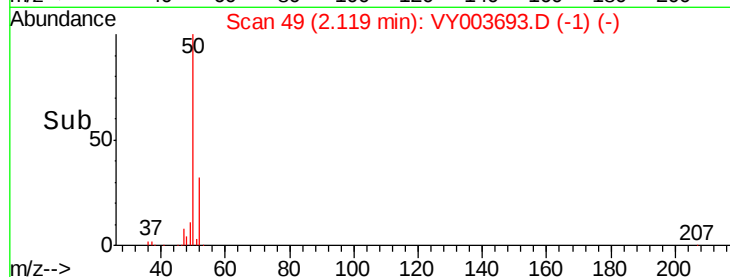
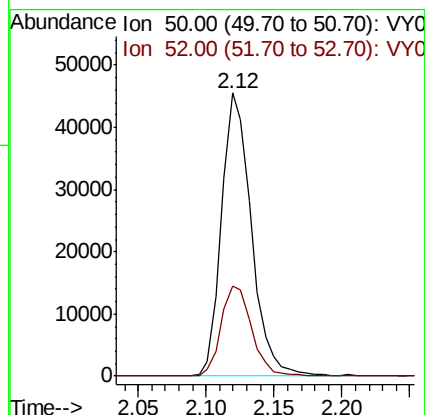
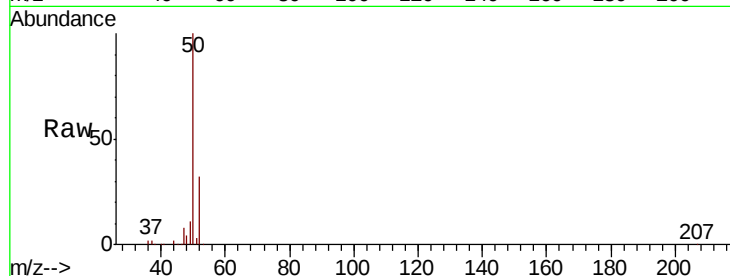
GB1F2

Tot Ion: 50 Resp: 69436

Ion Ratio Lower Upper

50 100

52 32.0 23.1 42.9



#6

Bromomethane

Concen: 10.264 ug/L

RT: 2.66 min Scan# 137

Delta R.T. -0.01 min

Lab File: VY003693.D

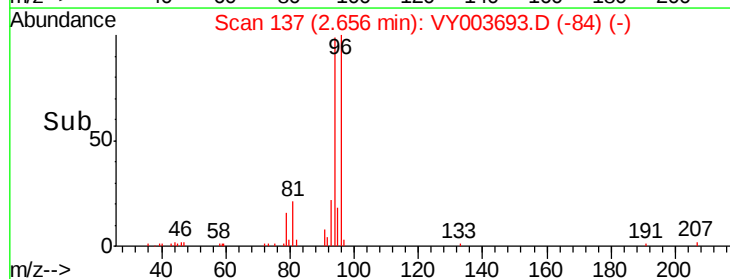
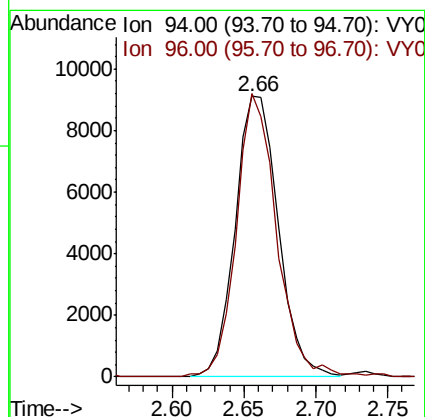
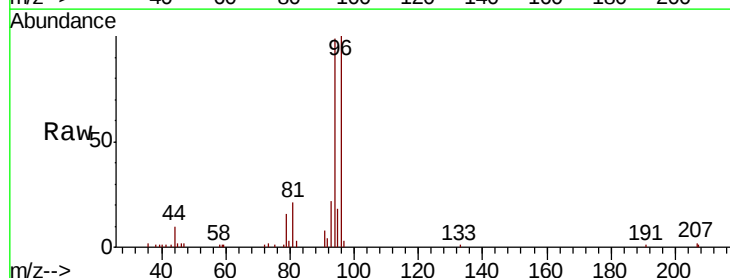
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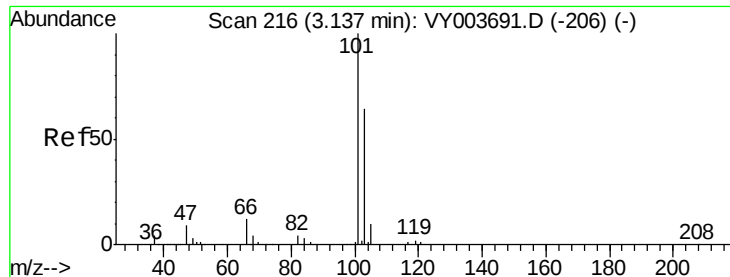
Tgt Ion: 94 Resp: 18956

Ion Ratio Lower Upper

94 100

96 92.2 9.2 174.6



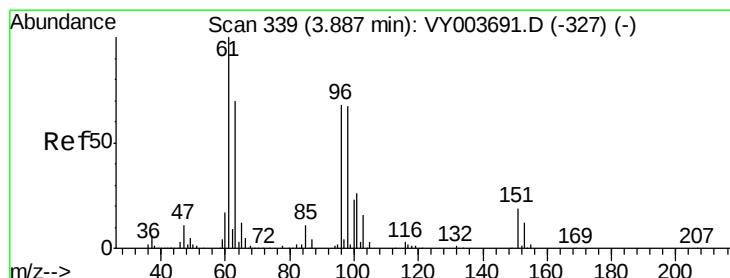
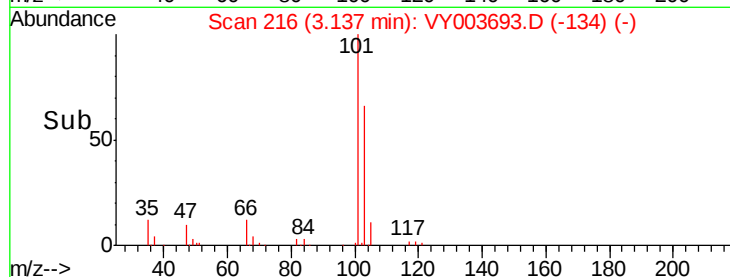
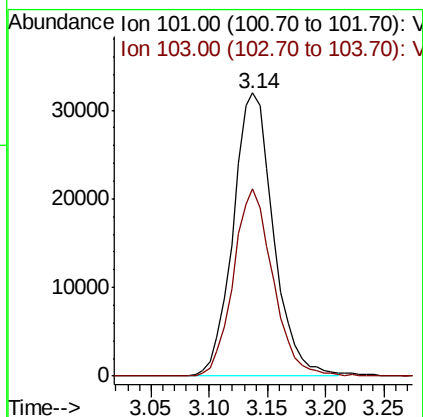
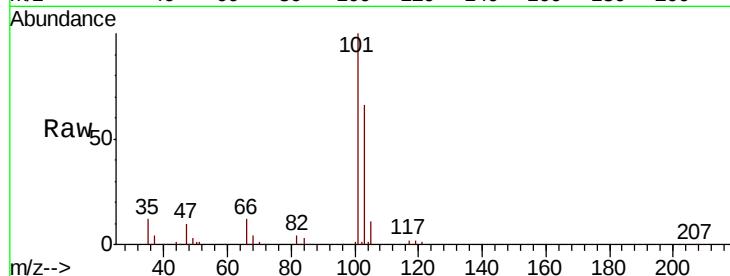


#9

Trichlorofluoromethane
Concen: 17.616 ug/L
RT: 3.14 min Scan# 216
Delta R.T. 0.00 min
Lab File: VY003693.D
Acq: 09 Dec 2020 11:34

Instrument :
MSVOA_Y
ClientSampleId :
GB1F2

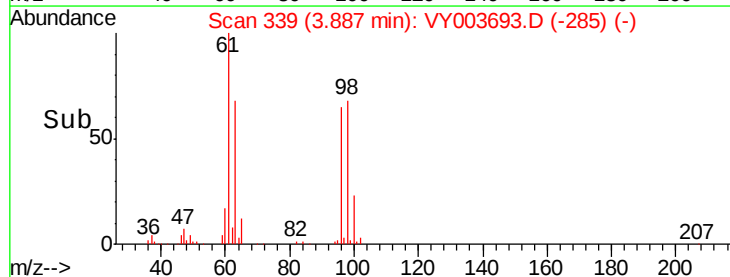
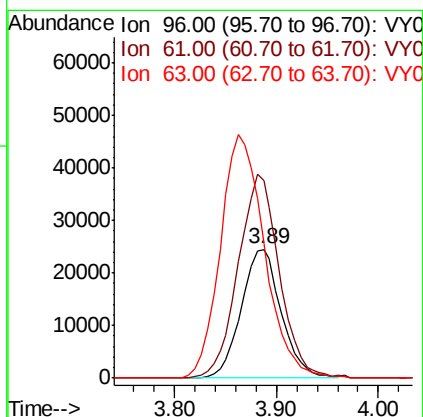
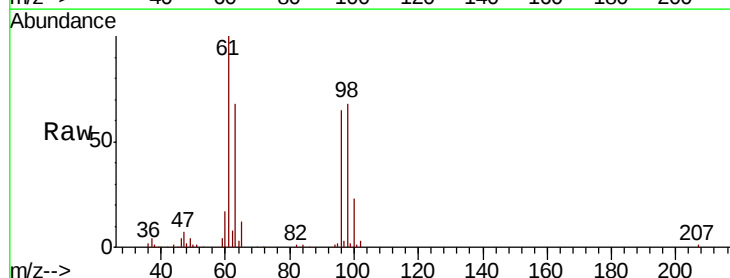
Tot Ion:101 Resp: 77036
Ion Ratio Lower Upper
101 100
103 65.2 45.1 83.7

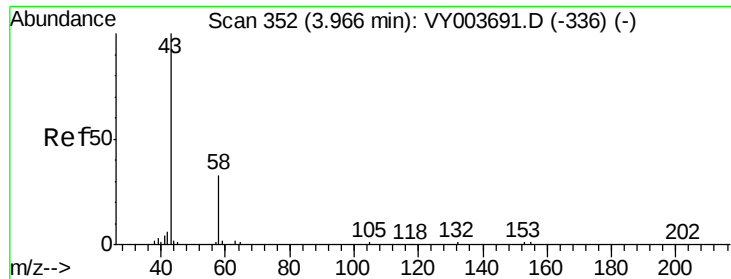


#12

1,1-Dichloroethene
Concen: 25.126 ug/L
RT: 3.89 min Scan# 339
Delta R.T. 0.00 min
Lab File: VY003693.D
Acq: 09 Dec 2020 11:34

Tgt Ion: 96 Resp: 66596
Ion Ratio Lower Upper
96 100
61 154.1 108.5 201.5
63 105.3 87.8 163.0





#13

Acetone

Concen: 54.948 ug/L

RT: 3.96 min Scan# 351

Delta R.T. -0.01 min

Lab File: VY003693.D

Acq: 09 Dec 2020 11:34

Instrument :

MSVOA_Y

ClientSampleId :

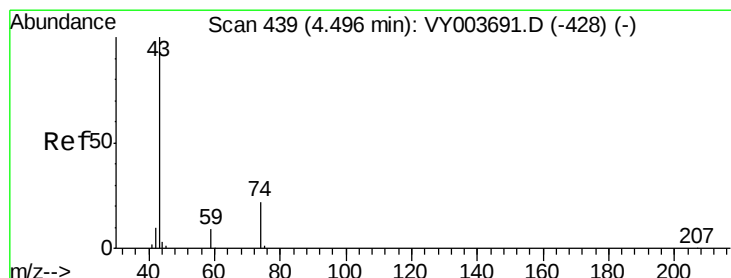
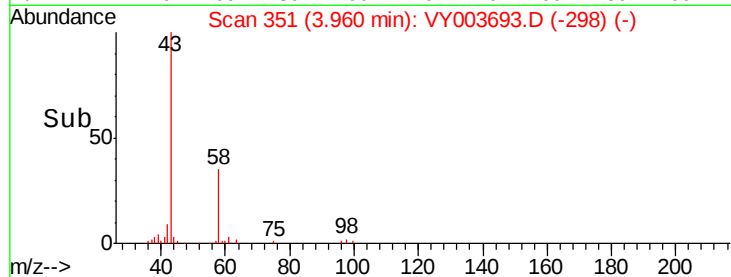
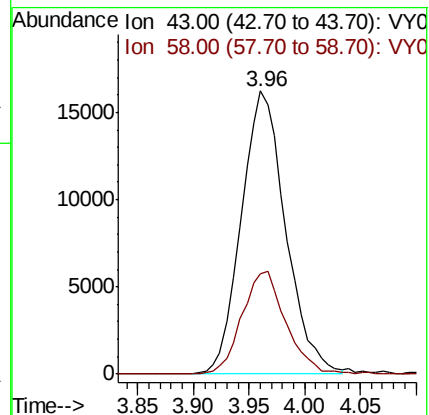
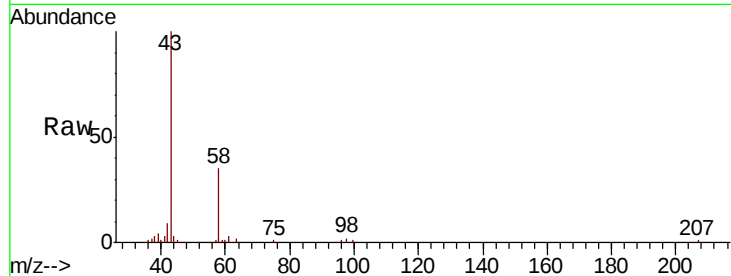
GB1F2

Tot Ion: 43 Resp: 44975

Ion Ratio Lower Upper

43 100

58 35.5 0.0 68.8



#15

Methyl Acetate

Concen: 41.130 ug/L

RT: 4.49 min Scan# 438

Delta R.T. -0.01 min

Lab File: VY003693.D

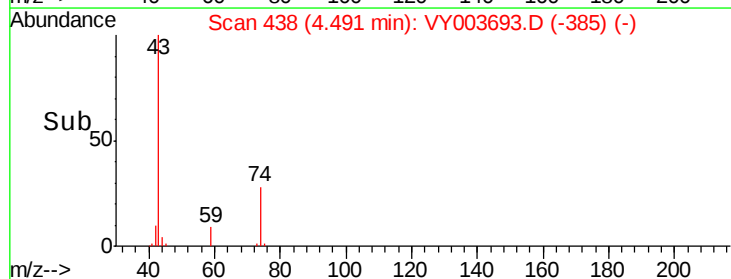
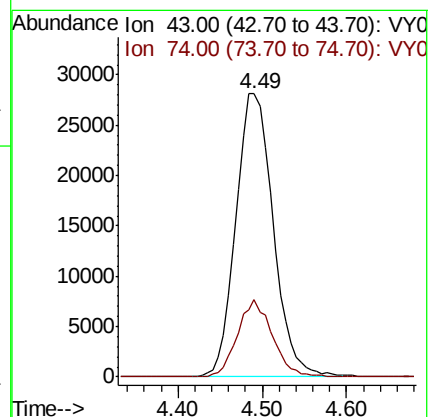
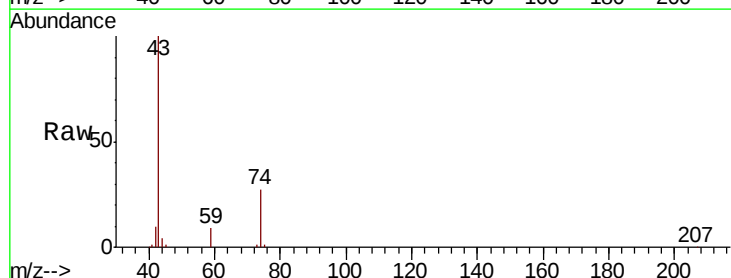
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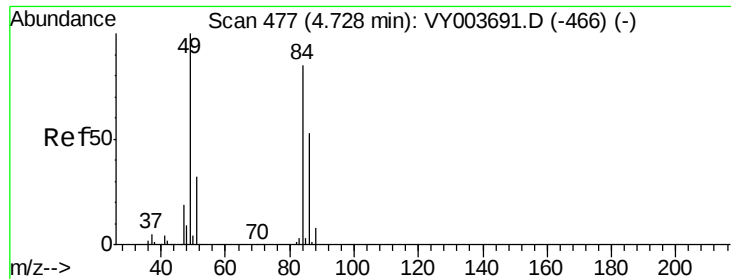
Tgt Ion: 43 Resp: 84707

Ion Ratio Lower Upper

43 100

74 25.4 19.2 28.8

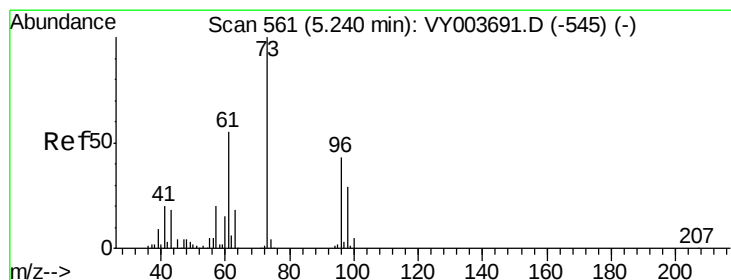
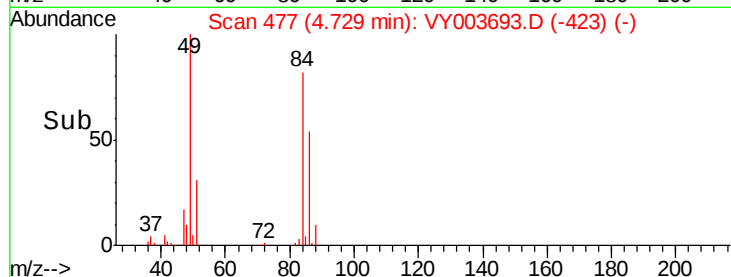
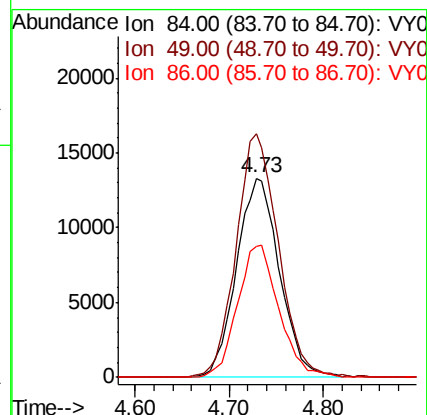
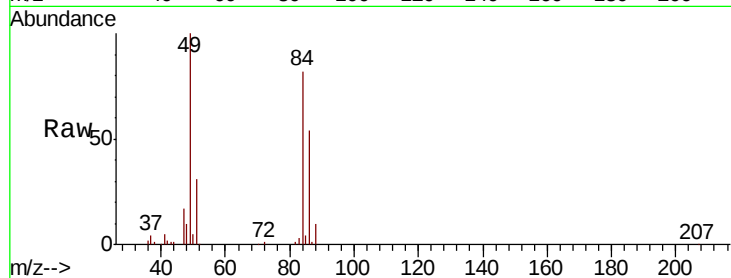




#16
Methylene chloride
Concen: 10.883 ug/L
RT: 4.73 min Scan# 477
Delta R.T. 0.00 min
Lab File: VY003693.D
Acq: 09 Dec 2020 11:34

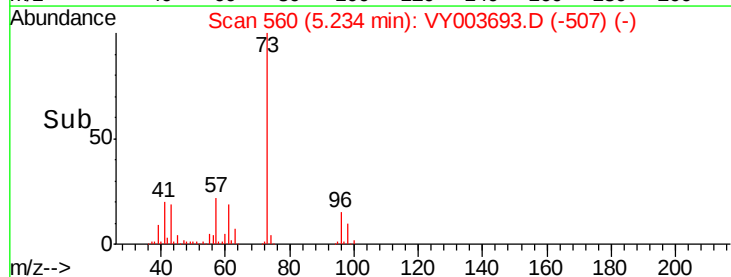
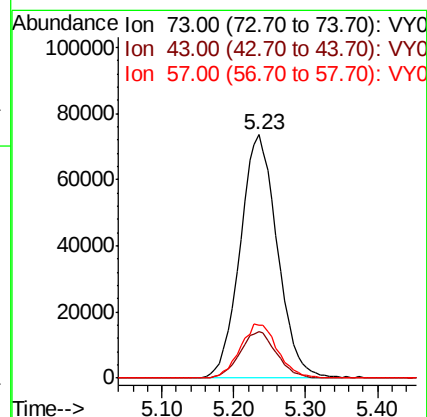
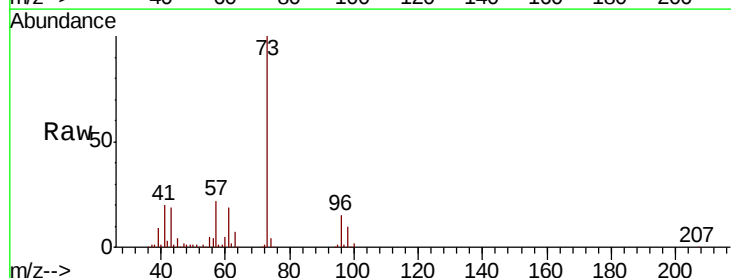
Instrument :
MSVOA_Y
ClientSampleId :
GB1F2

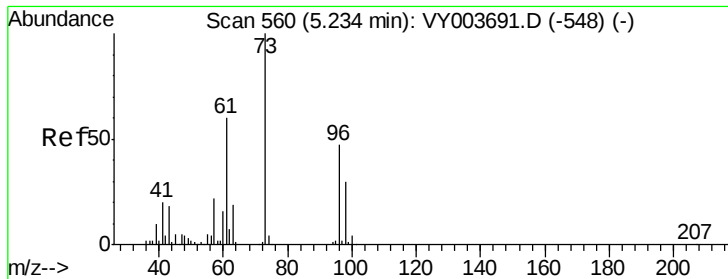
Tot Ion: 84 Resp: 42322
Ion Ratio Lower Upper
84 100
49 122.1 83.7 155.4
86 65.5 45.0 83.6



#17
Methyl tert-butyl Ether
Concen: 35.171 ug/L
RT: 5.23 min Scan# 560
Delta R.T. -0.01 min
Lab File: VY003693.D
Acq: 09 Dec 2020 11:34

Tgt Ion: 73 Resp: 264242
Ion Ratio Lower Upper
73 100
43 18.8 14.9 22.3
57 22.1 18.1 27.1





#18

trans-1,2-Dichloroethene

Concen: 11.663 ug/L

RT: 5.23 min Scan# 560

Delta R.T. 0.00 min

Lab File: VY003693.D

Acq: 09 Dec 2020 11:34

Instrument :

MSVOA_Y

ClientSampleId :

GB1F2

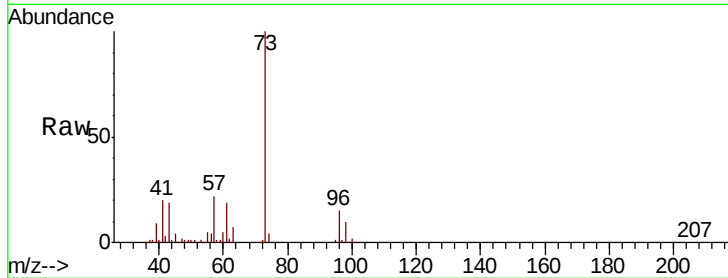
Tot Ion: 96 Resp: 34806

Ion Ratio Lower Upper

96 100

61 128.5 90.8 168.6

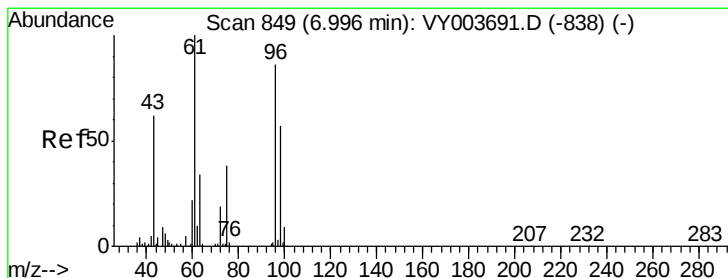
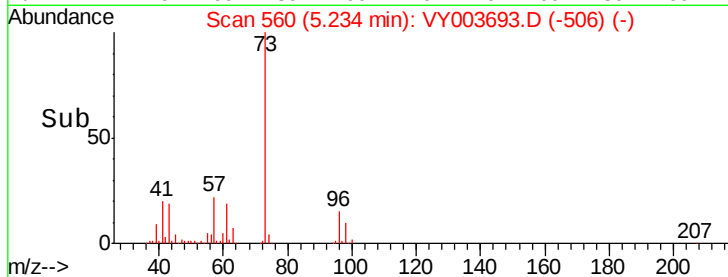
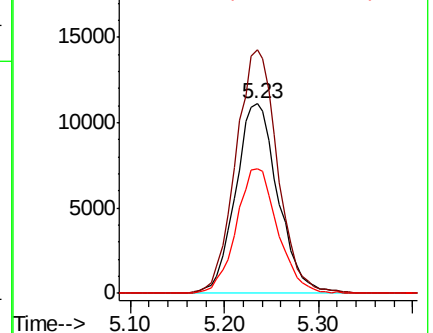
98 65.7 44.2 82.0



Abundance Ion 96.00 (95.70 to 96.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

Ion 98.00 (97.70 to 98.70): VY0



#22

cis-1,2-Dichloroethene

Concen: 28.626 ug/L

RT: 7.00 min Scan# 849

Delta R.T. 0.00 min

Lab File: VY003693.D

Acq: 09 Dec 2020 11:34

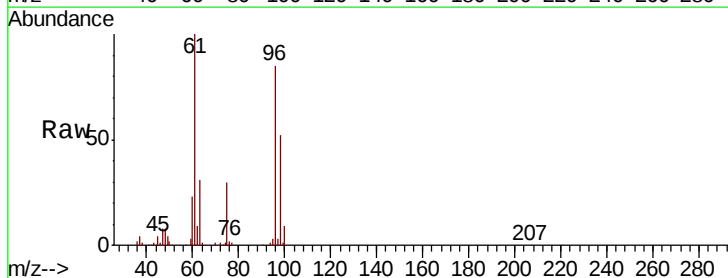
Tgt Ion: 96 Resp: 91042

Ion Ratio Lower Upper

96 100

61 118.2 85.8 159.4

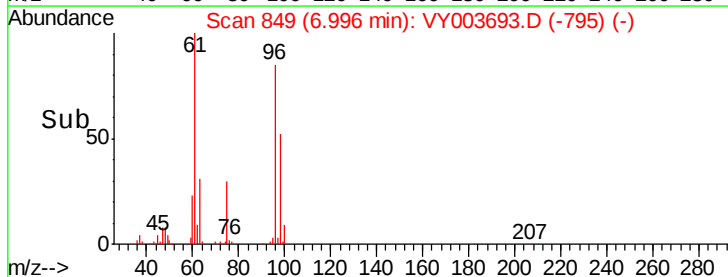
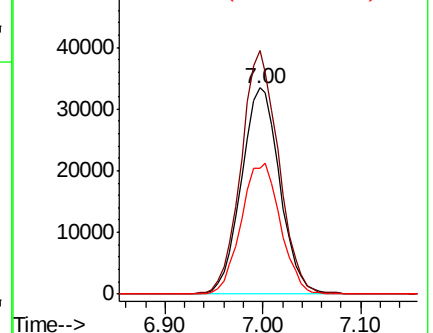
98 61.3 46.5 86.3

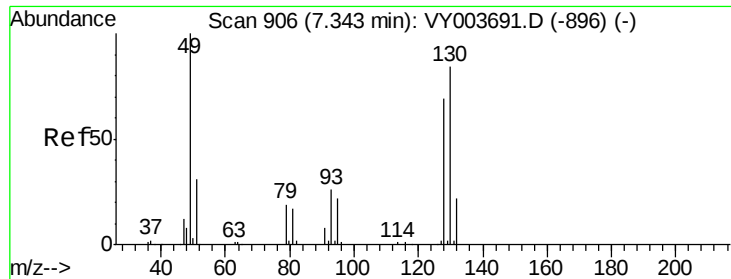


Abundance Ion 96.00 (95.70 to 96.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

Ion 98.00 (97.70 to 98.70): VY0

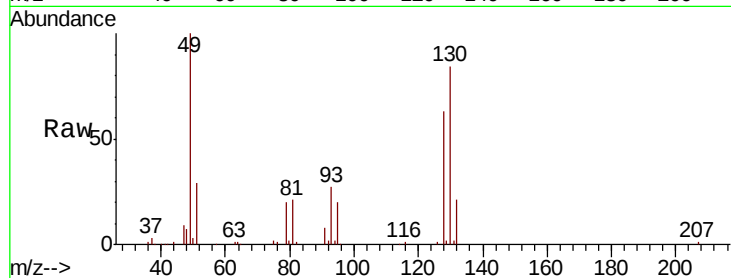




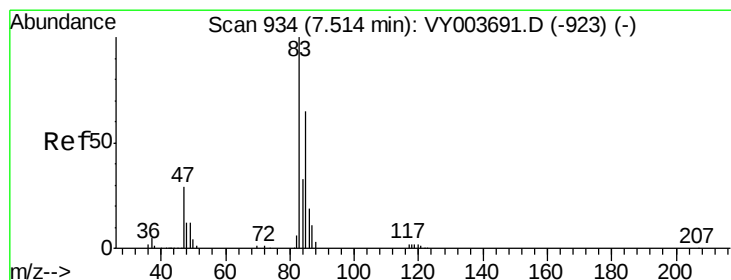
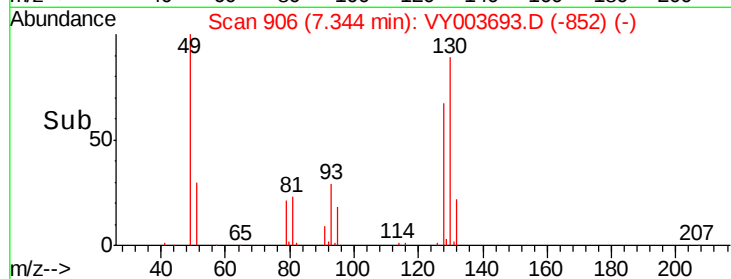
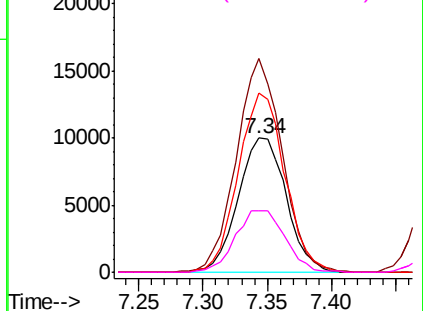
#23
Bromochloromethane
Concen: 16.346 ug/L
RT: 7.34 min Scan# 906
Delta R.T. 0.00 min
Lab File: VY003693.D
Acq: 09 Dec 2020 11:34

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MSVOA_Y
ClientSampleId :
GB1F2

Tot Ion:	128	Resp:	25952
Ion	Ratio	Lower	Upper
128	100		
49	159.5	113.8	211.3
130	134.0	89.7	166.5
51	45.9	38.5	57.7

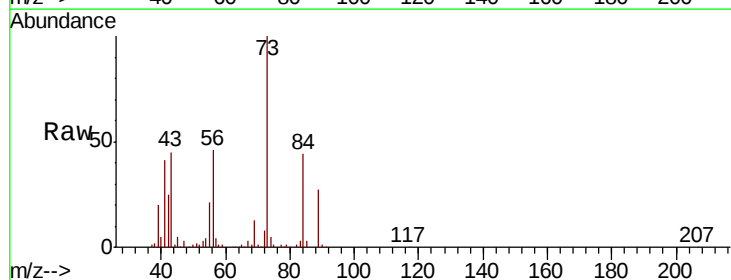


Abundance Ion 128.00 (127.70 to 128.70): VY003693.D (-896) (-)
Ion 49.00 (48.70 to 49.70): VY003693.D (-896) (-)
Ion 130.00 (129.70 to 130.70): VY003693.D (-896) (-)
Ion 51.00 (50.70 to 51.70): VY003693.D (-896) (-)

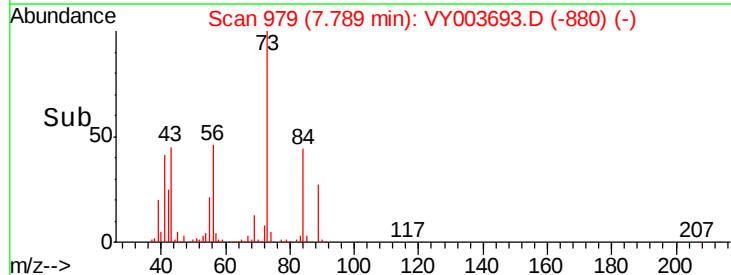
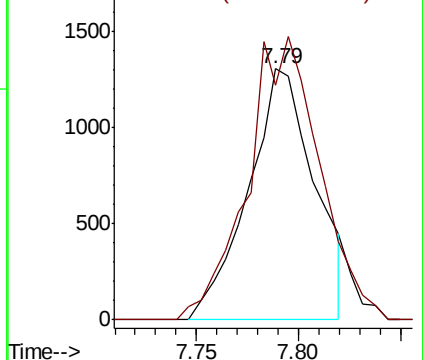


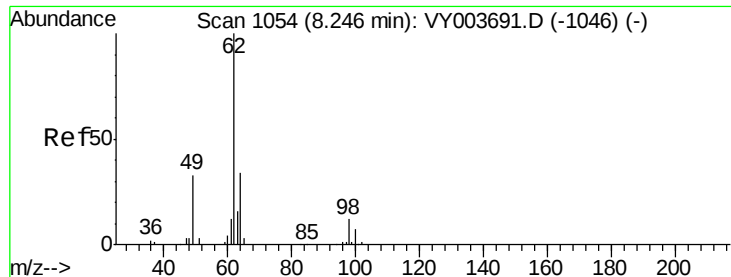
#25
Chloroform
Concen: 0.584 ug/L
RT: 7.79 min Scan# 979
Delta R.T. 0.27 min
Lab File: VY003693.D
Acq: 09 Dec 2020 11:34

Tgt Ion:	83	Resp:	2963
Ion	Ratio	Lower	Upper
83	100		
85	57.6	46.5	86.5



Abundance Ion 83.00 (82.70 to 83.70): VY003693.D (-880) (-)
Ion 85.00 (84.70 to 85.70): VY003693.D (-880) (-)





#27

1,2-Dichloroethane

Concen: 11.054 ug/L

RT: 8.25 min Scan# 1054

Delta R.T. 0.00 min

Lab File: VY003693.D

Acq: 09 Dec 2020 11:34

Instrument :

MSVOA_Y

ClientSampleId :

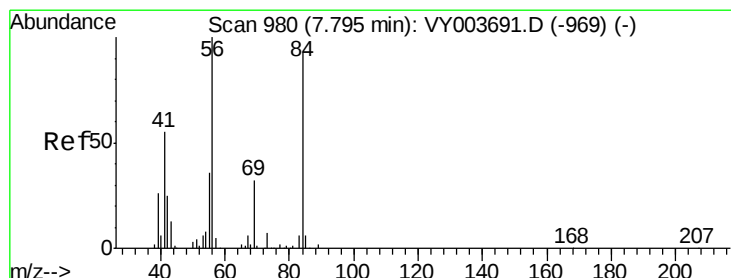
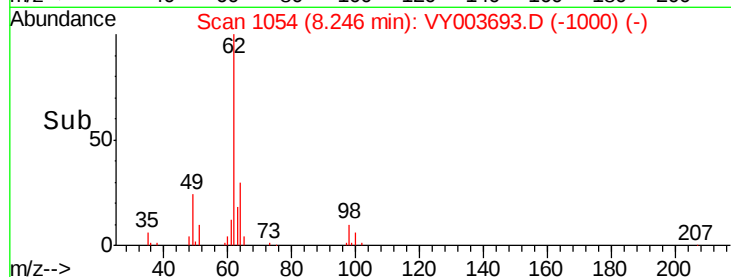
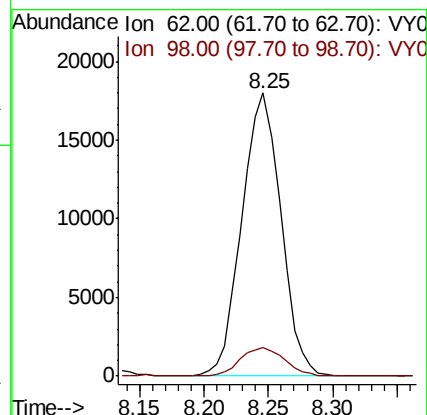
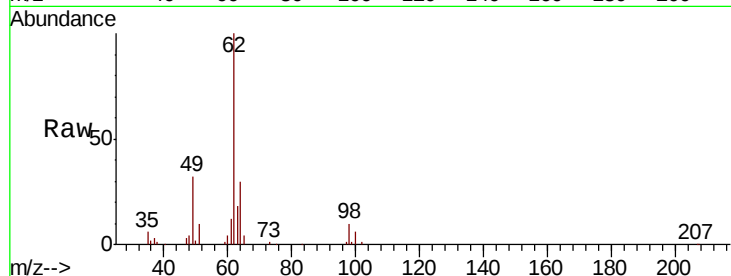
GB1F2

Tot Ion: 62 Resp: 37920

Ion Ratio Lower Upper

62 100

98 10.3 8.0 12.0



#30

Cyclohexane

Concen: 11.372 ug/L

RT: 7.80 min Scan# 980

Delta R.T. 0.00 min

Lab File: VY003693.D

Acq: 09 Dec 2020 11:34

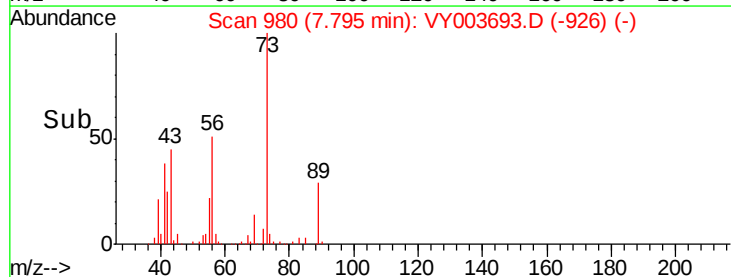
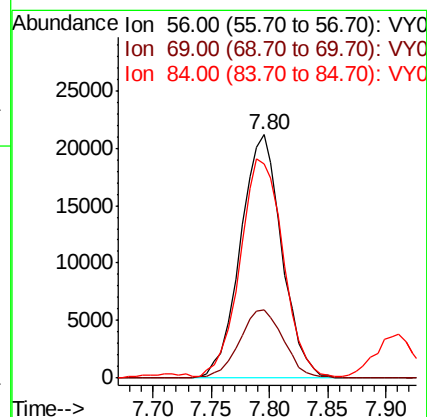
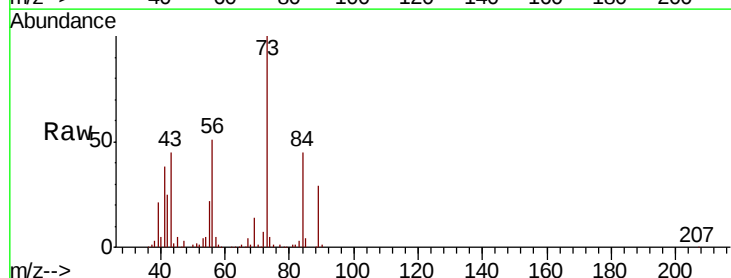
Tgt Ion: 56 Resp: 52516

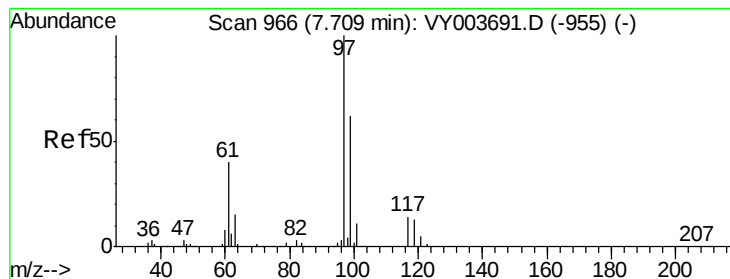
Ion Ratio Lower Upper

56 100

69 29.8 23.8 35.8

84 94.4 73.2 109.8





#31

1,1,1-Trichloroethane

Concen: 11.031 ug/L

RT: 7.71 min Scan# 966

Delta R.T. 0.00 min

Lab File: VY003693.D

Acq: 09 Dec 2020 11:34

Instrument :

MSVOA_Y

ClientSampleId :

GB1F2

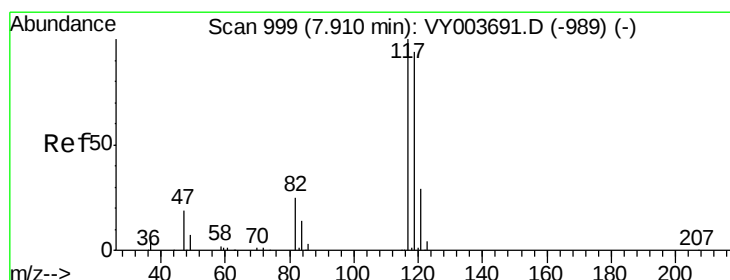
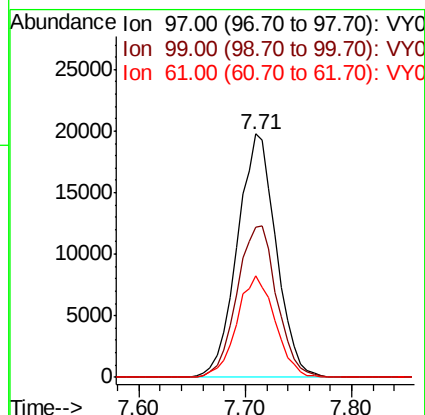
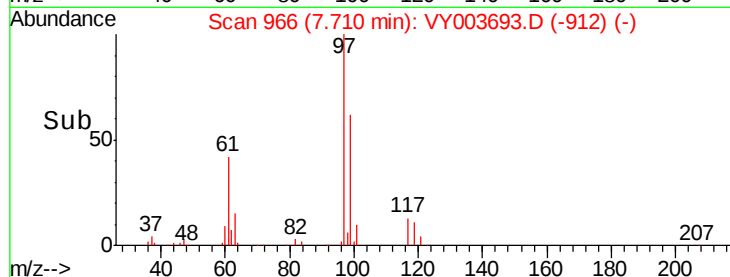
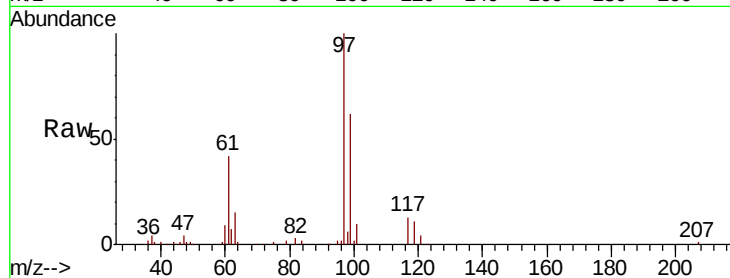
Tot Ion: 97 Resp: 50405

Ion Ratio Lower Upper

97 100

99 64.0 51.4 77.0

61 41.4 34.0 51.0



#32

Carbon tetrachloride

Concen: 14.159 ug/L

RT: 7.90 min Scan# 998

Delta R.T. -0.01 min

Lab File: VY003693.D

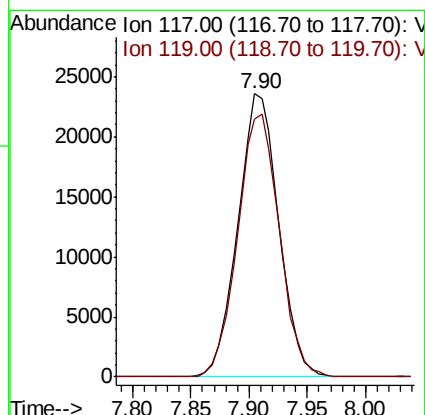
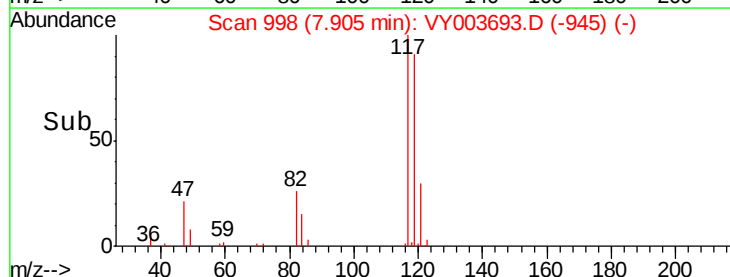
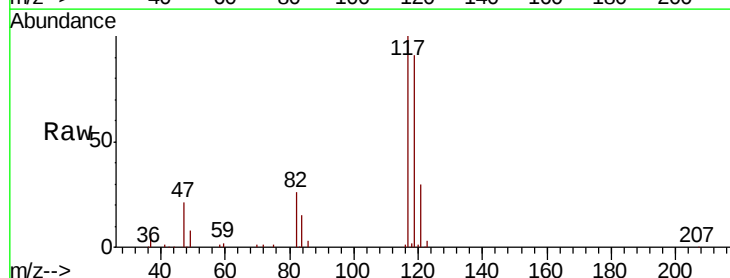
Acq: 09 Dec 2020 11:34

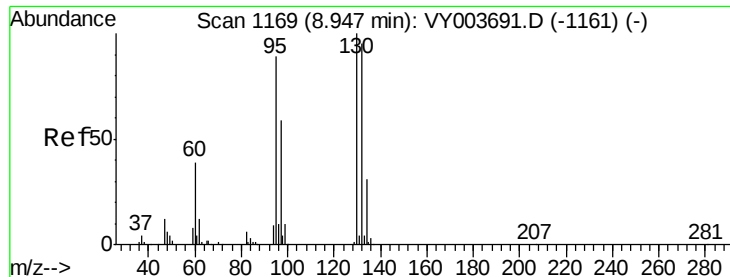
Tgt Ion: 117 Resp: 57428

Ion Ratio Lower Upper

117 100

119 95.1 75.4 113.0





#35

Trichloroethene

Concen: 39.760 ug/L

RT: 8.94 min Scan# 1168

Delta R.T. -0.01 min

Lab File: VY003693.D

Acq: 09 Dec 2020 11:34

Instrument :

MSVOA_Y

ClientSampleId :

GB1F2

Tot Ion: 95 Resp: 133856

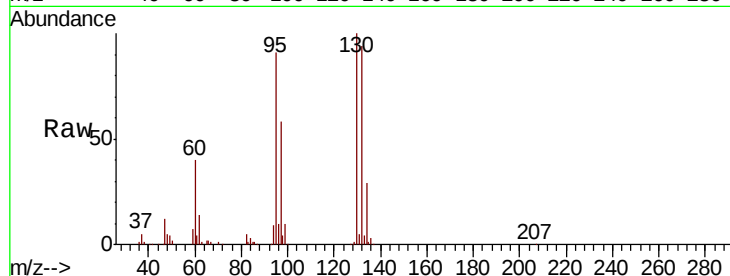
Ion Ratio Lower Upper

95 100

97 64.4 45.8 85.0

132 104.3 74.2 137.8

130 109.9 76.2 141.6



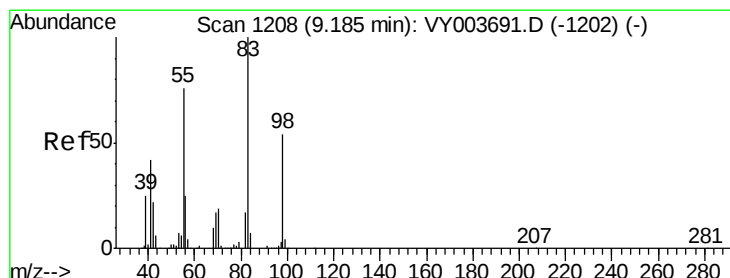
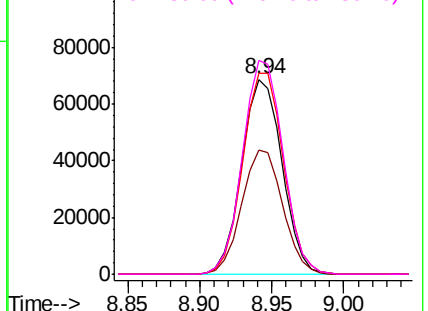
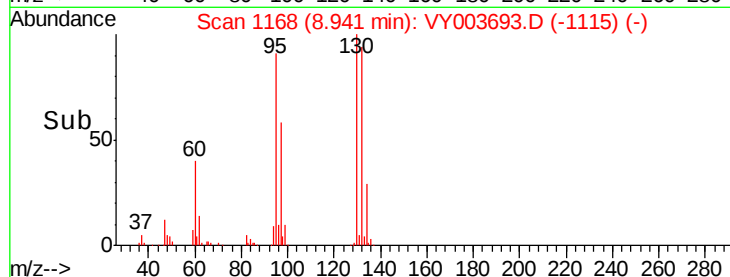
Abundance

Ion 95.00 (94.70 to 95.70): VY0

Ion 97.00 (96.70 to 97.70): VY0

Ion 132.00 (131.70 to 132.70): VY0

Ion 130.00 (129.70 to 130.70): VY0



#36

Methylcyclohexane

Concen: 28.768 ug/L

RT: 9.19 min Scan# 1208

Delta R.T. 0.00 min

Lab File: VY003693.D

Acq: 09 Dec 2020 11:34

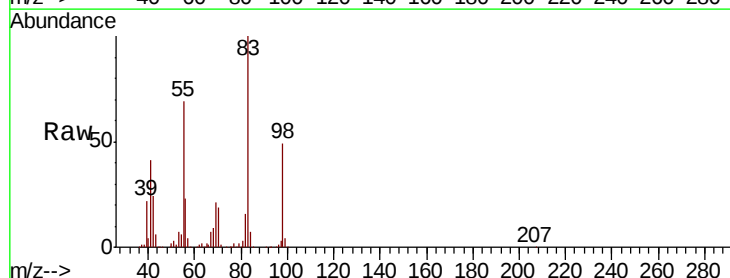
Tgt Ion: 83 Resp: 148423

Ion Ratio Lower Upper

83 100

55 69.8 56.4 84.6

98 50.7 40.3 60.5

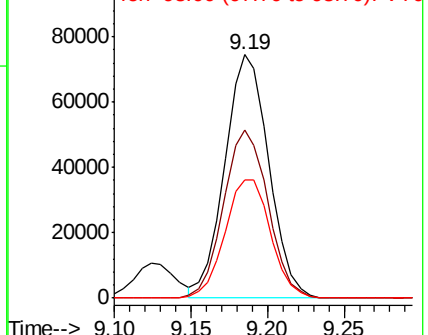
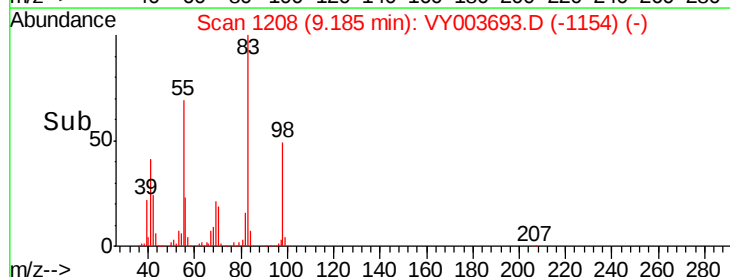


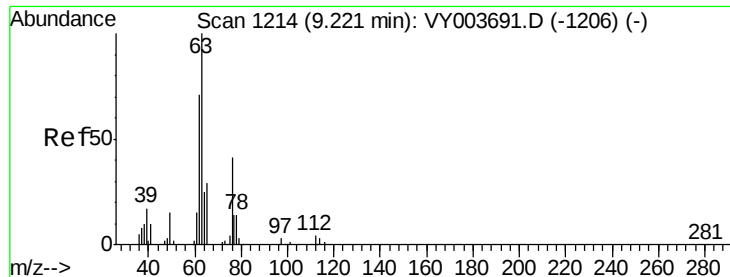
Abundance

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

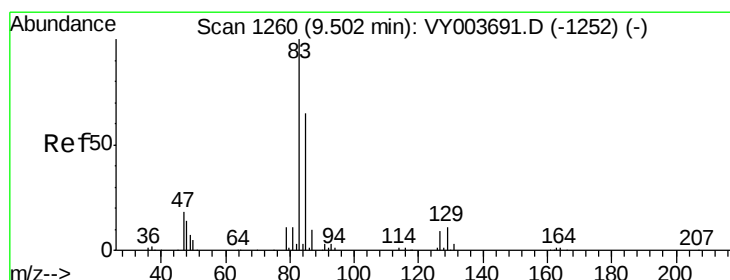
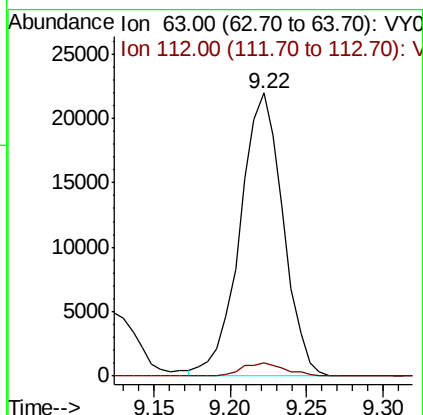
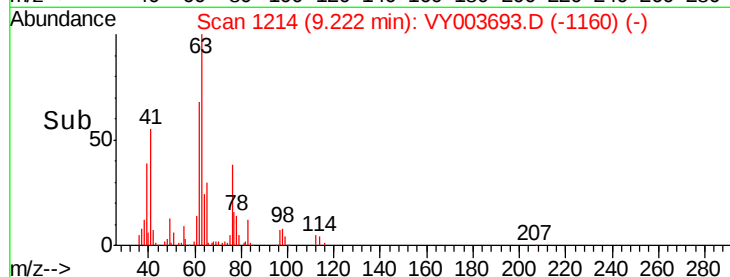
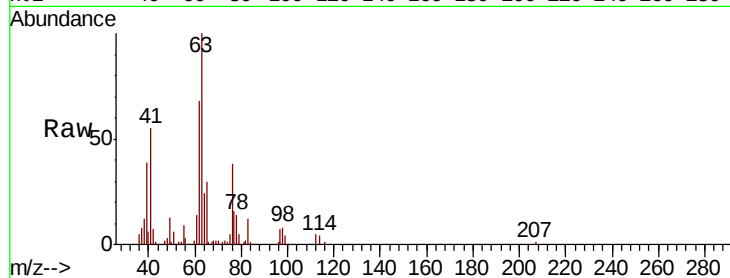




#40
 1,2-Dichloropropane
 Concen: 13.975 ug/L
 RT: 9.22 min Scan# 1214
 Delta R.T. 0.00 min
 Lab File: VY003693.D
 Acq: 09 Dec 2020 11:34

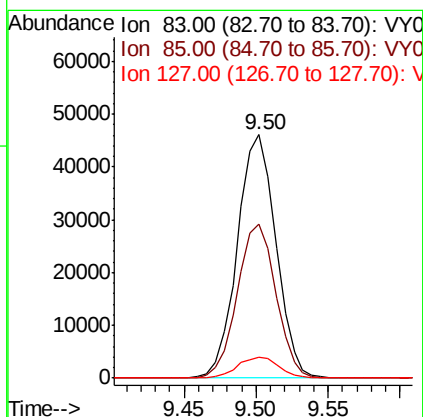
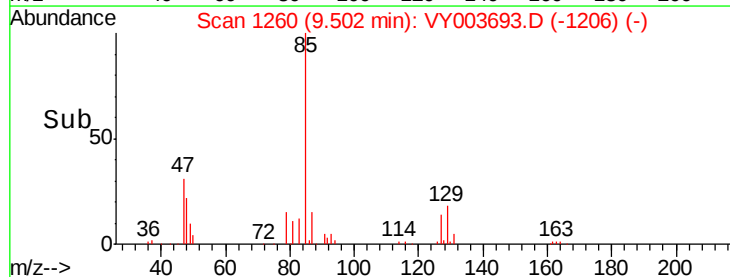
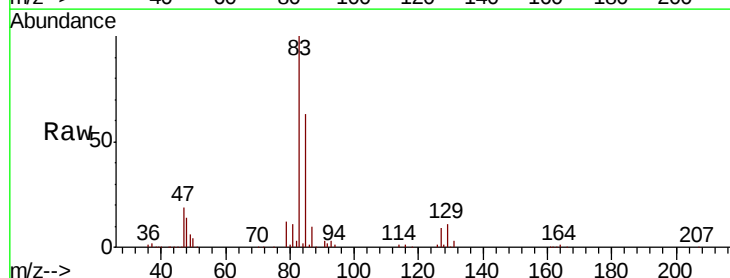
Instrument :
 MSVOA_Y
 ClientSampleId :
 GB1F2

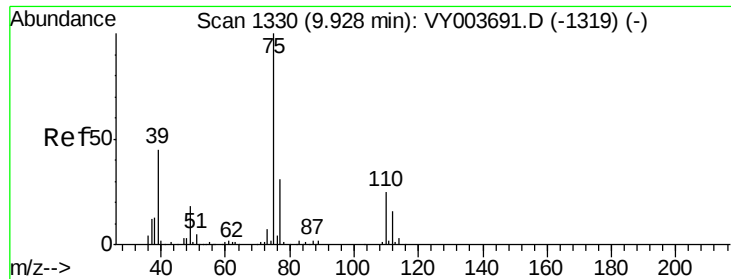
Tot Ion: 63 Resp: 42979
 Ion Ratio Lower Upper
 63 100
 112 4.7 3.7 5.5



#41
 Bromodichloromethane
 Concen: 21.943 ug/L
 RT: 9.50 min Scan# 1260
 Delta R.T. 0.00 min
 Lab File: VY003693.D
 Acq: 09 Dec 2020 11:34

Tgt Ion: 83 Resp: 85742
 Ion Ratio Lower Upper
 83 100
 85 63.4 44.0 81.6
 127 8.8 7.2 10.8



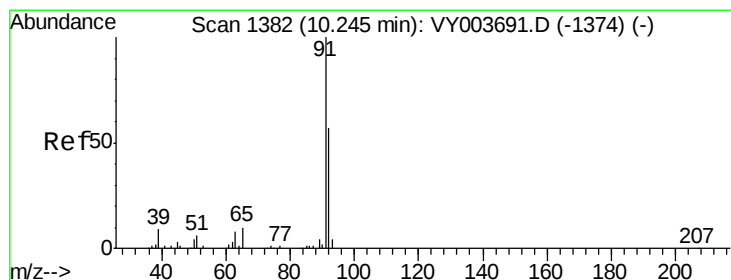
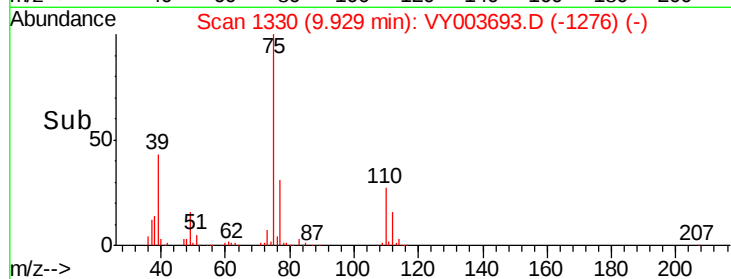
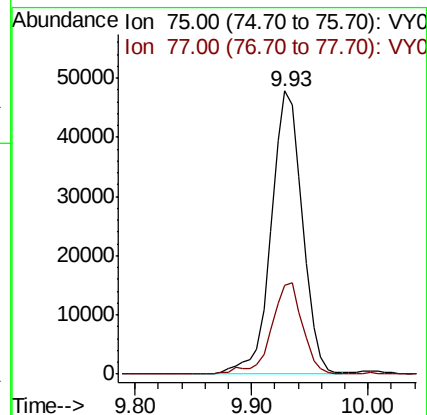
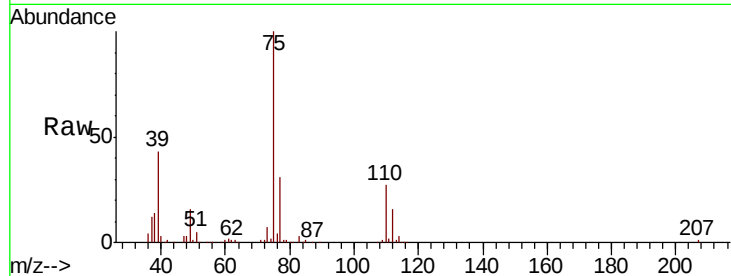


#42

cis-1,3-Dichloropropene
 Concen: 18.396 ug/L
 RT: 9.93 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VY003693.D
 Acq: 09 Dec 2020 11:34

Instrument :
 MSVOA_Y
 ClientSampled :
 GB1F2

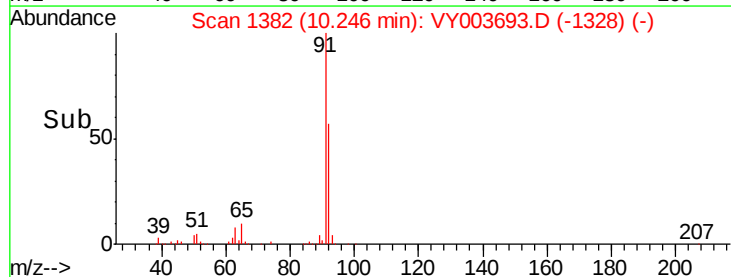
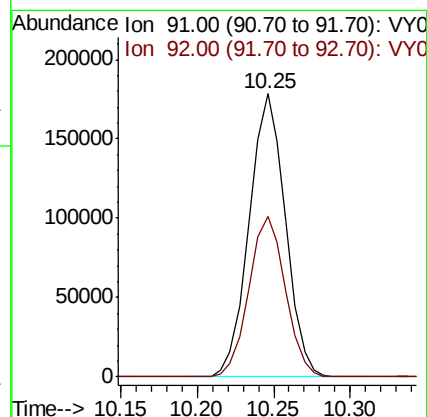
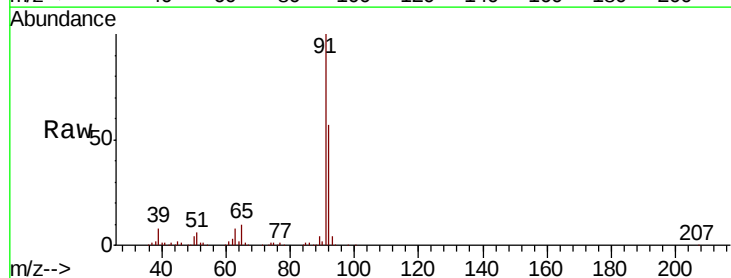
Tot Ion: 75 Resp: 89052
 Ion Ratio Lower Upper
 75 100
 77 31.2 21.3 39.6

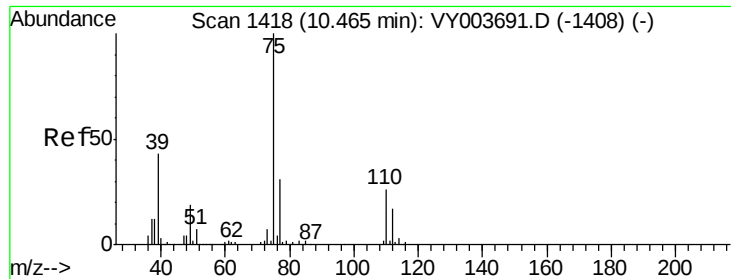


#44

Toluene
 Concen: 22.714 ug/L
 RT: 10.25 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: VY003693.D
 Acq: 09 Dec 2020 11:34

Tgt Ion: 91 Resp: 293810
 Ion Ratio Lower Upper
 91 100
 92 56.8 39.8 73.8





#45

trans-1,3-Dichloropropene

Concen: 8.605 ug/L

RT: 10.47 min Scan# 1418

Delta R.T. 0.00 min

Lab File: VY003693.D

Acq: 09 Dec 2020 11:34

Instrument :

MSVOA_Y

ClientSampleId :

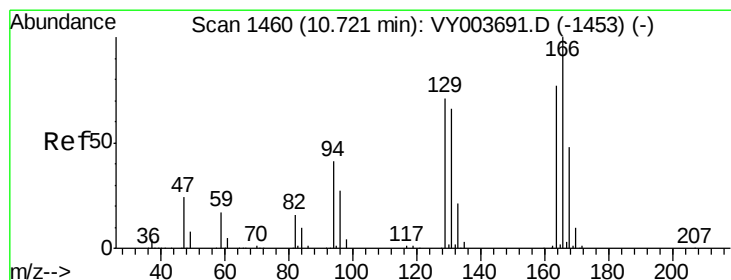
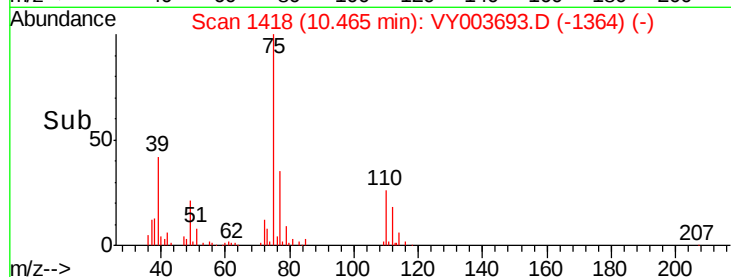
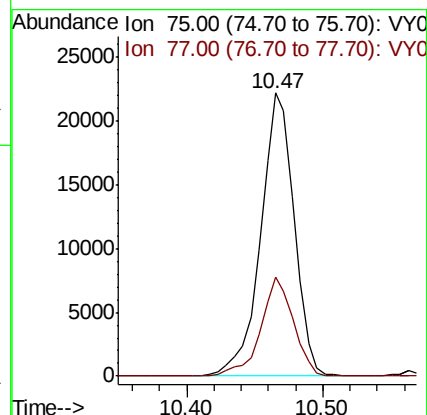
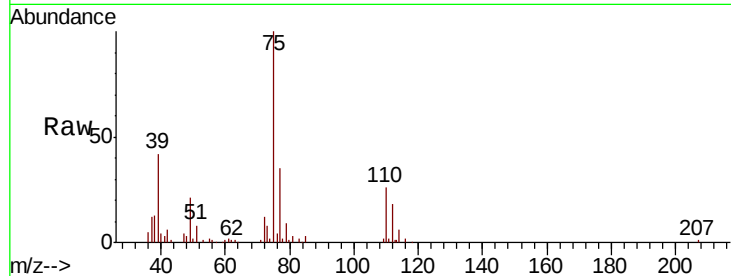
GB1F2

Tot Ion: 75 Resp: 38393

Ion Ratio Lower Upper

75 100

77 34.9 22.0 40.8



#47

Tetrachloroethene

Concen: 44.328 ug/L

RT: 10.72 min Scan# 1460

Delta R.T. 0.00 min

Lab File: VY003693.D

Acq: 09 Dec 2020 11:34

Tgt Ion:164 Resp: 116220

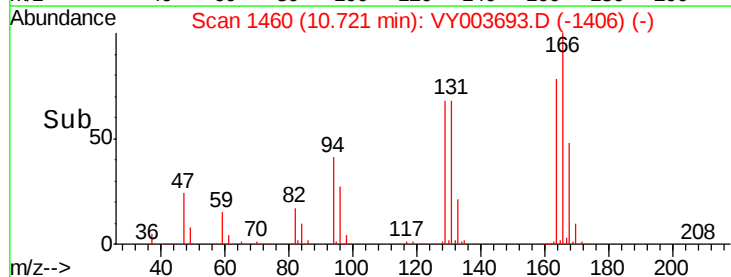
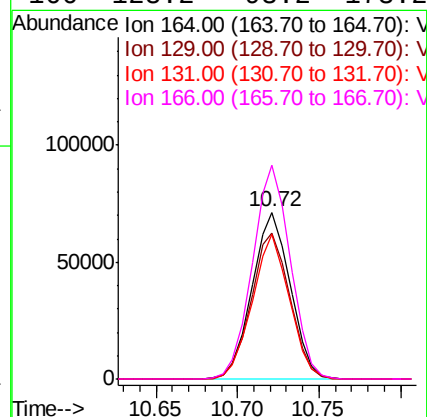
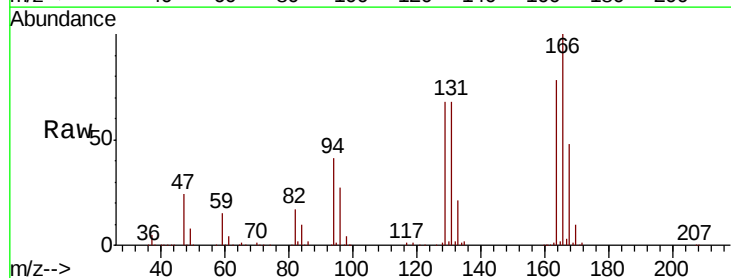
Ion Ratio Lower Upper

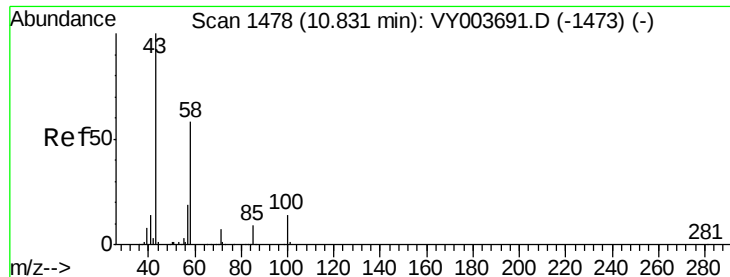
164 100

129 87.8 59.6 110.6

131 86.7 57.9 107.5

166 128.2 93.2 173.2

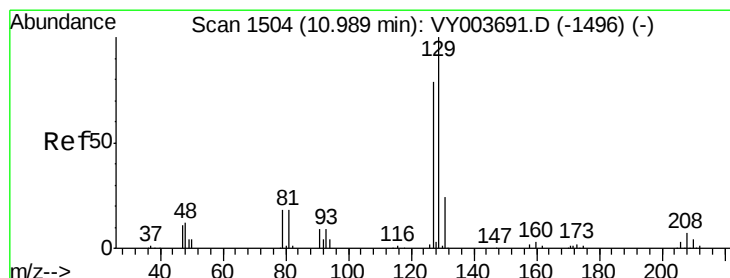
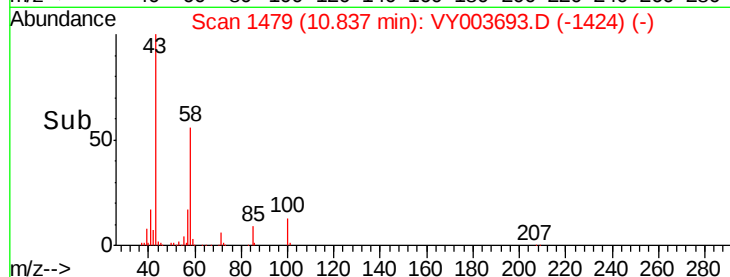
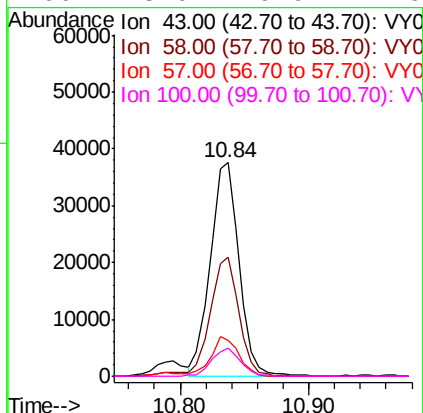
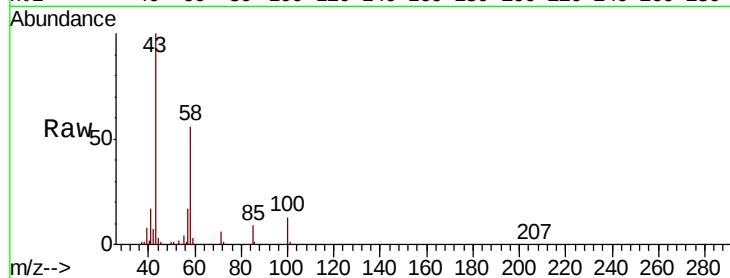




#49
2-Hexanone
Concen: 29.169 ug/L
RT: 10.84 min Scan# 1479
Delta R.T. 0.01 min
Lab File: VY003693.D
Acq: 09 Dec 2020 11:34

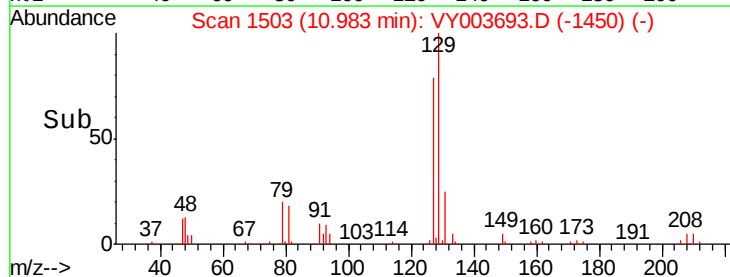
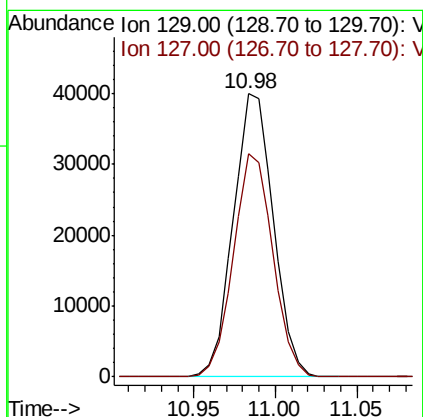
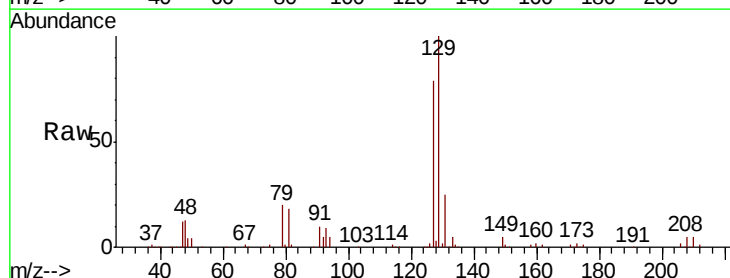
Instrument :
MSVOA_Y
ClientSampleId :
GB1F2

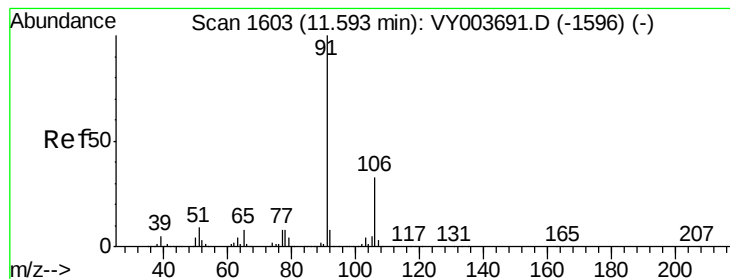
Tot Ion:	43	Resp:	59219
Ion	Ratio	Lower	Upper
43	100		
58	54.2	44.8	67.2
57	17.9	14.8	22.2
100	13.0	9.9	14.9



#50
Dibromochloromethane
Concen: 22.000 ug/L
RT: 10.98 min Scan# 1503
Delta R.T. -0.01 min
Lab File: VY003693.D
Acq: 09 Dec 2020 11:34

Tgt Ion:	129	Resp:	68268
Ion	Ratio	Lower	Upper
129	100		
127	78.9	54.8	101.8





#53

Ethylbenzene

Concen: 16.614 ug/L

RT: 11.59 min Scan# 1603

Delta R.T. 0.00 min

Lab File: VY003693.D

Acq: 09 Dec 2020 11:34

Instrument :

MSVOA_Y

ClientSampleId :

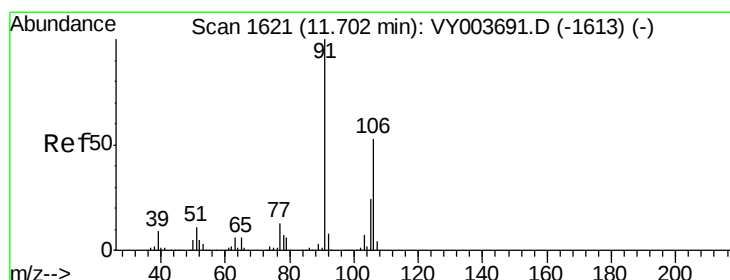
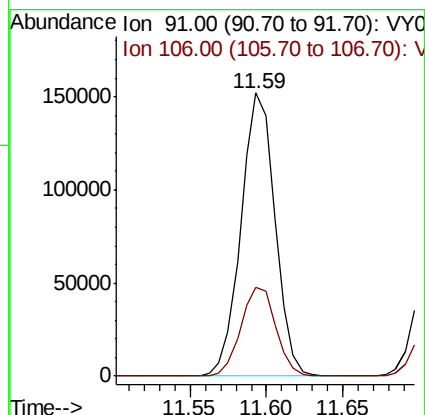
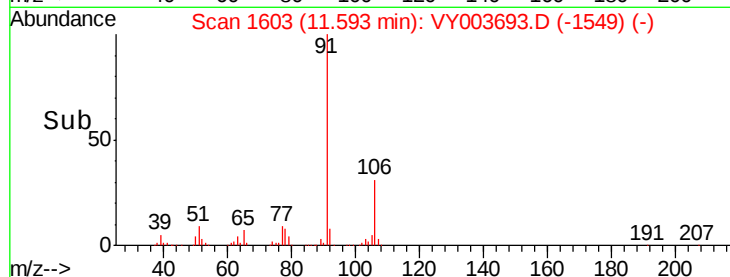
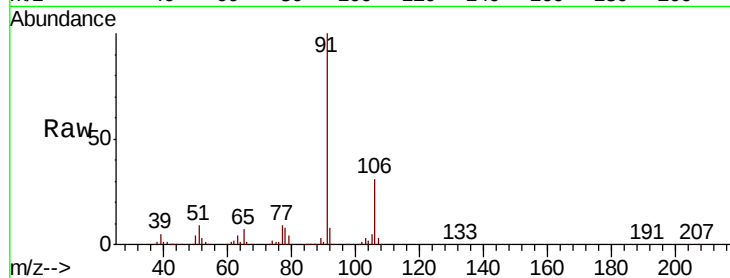
GB1F2

Tot Ion: 91 Resp: 234536

Ion Ratio Lower Upper

91 100

106 31.5 23.3 43.3



#54

m,p-Xylene

Concen: 11.061 ug/L

RT: 11.71 min Scan# 1622

Delta R.T. 0.01 min

Lab File: VY003693.D

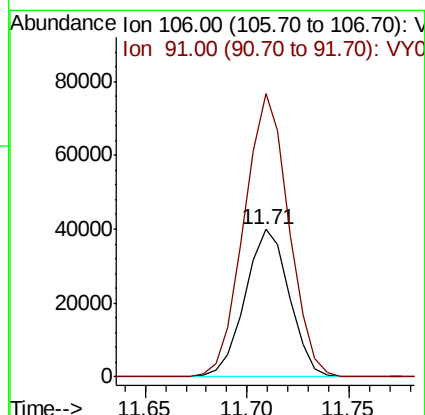
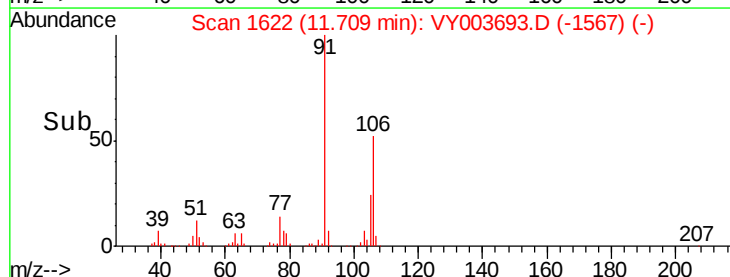
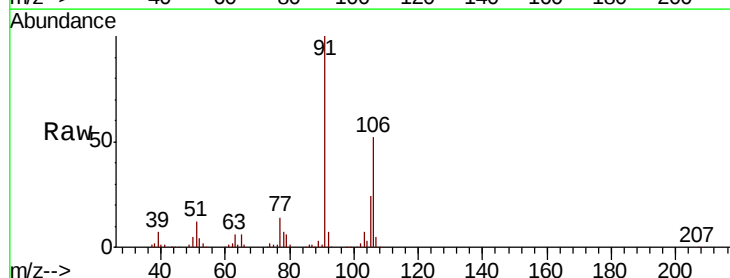
Acq: 09 Dec 2020 11:34

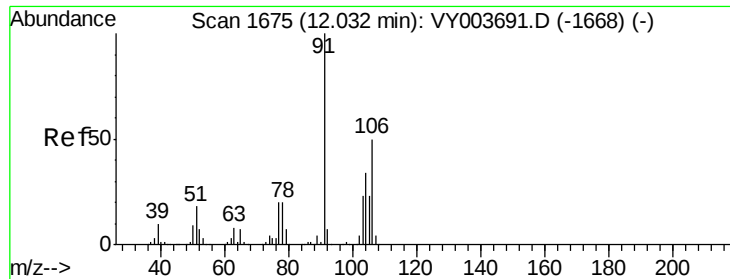
Tgt Ion: 106 Resp: 60237

Ion Ratio Lower Upper

106 100

91 192.2 131.3 243.9

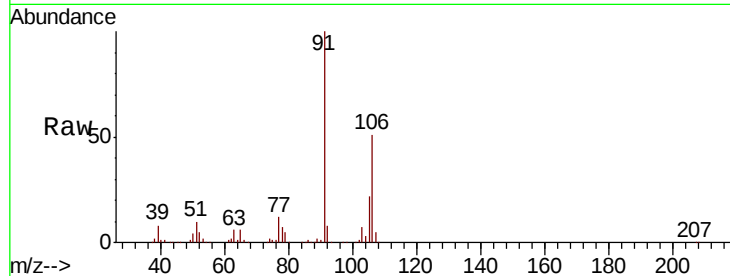




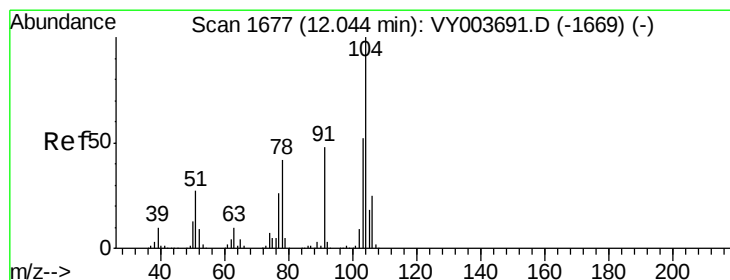
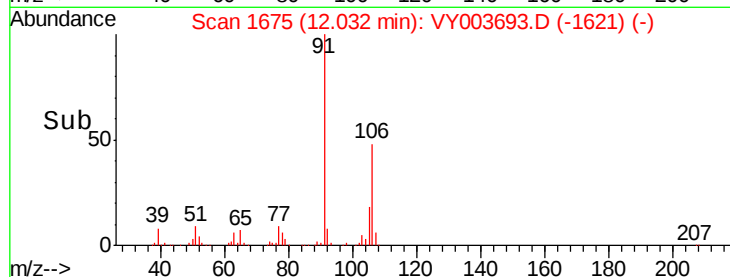
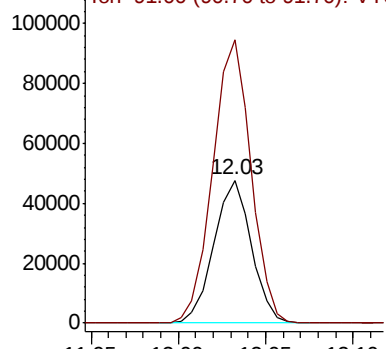
#55
o-xylene
Concen: 13.667 ug/L
RT: 12.03 min Scan# 1675
Delta R.T. 0.00 min
Lab File: VY003693.D
Acq: 09 Dec 2020 11:34

Instrument :
MSVOA_Y
ClientSampleId :
GB1F2

Tot Ion:106 Resp: 71403
Ion Ratio Lower Upper
106 100
91 197.7 141.7 263.3

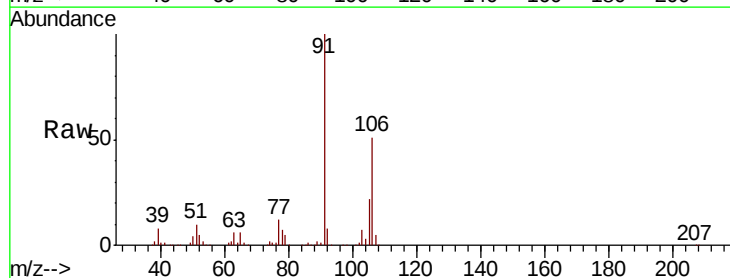


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

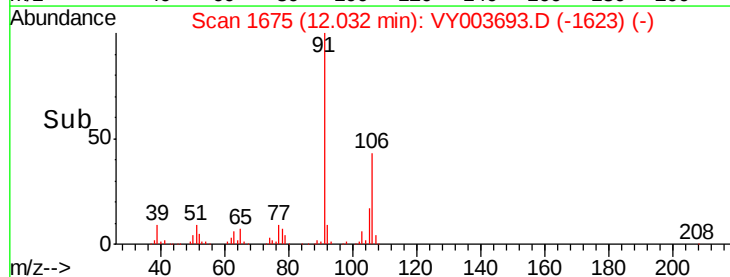
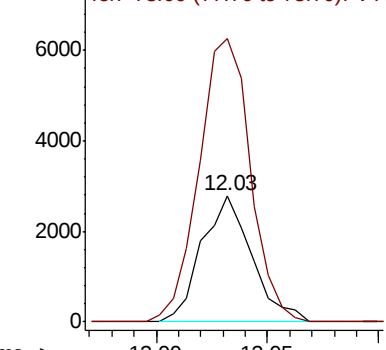


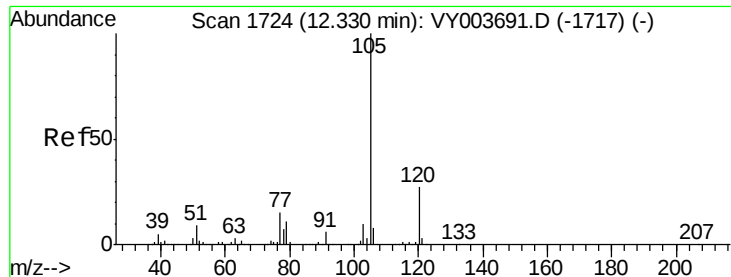
#56
Styrene
Concen: 0.488 ug/L
RT: 12.03 min Scan# 1675
Delta R.T. -0.01 min
Lab File: VY003693.D
Acq: 09 Dec 2020 11:34

Tgt Ion:104 Resp: 4366
Ion Ratio Lower Upper
104 100
78 224.0 28.1 52.1#



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VY0





#57

Isopropylbenzene

Concen: 13.590 ug/L

RT: 12.33 min Scan# 1724

Delta R.T. 0.00 min

Lab File: VY003693.D

Acq: 09 Dec 2020 11:34

Instrument :

MSVOA_Y

ClientSampleId :

GB1F2

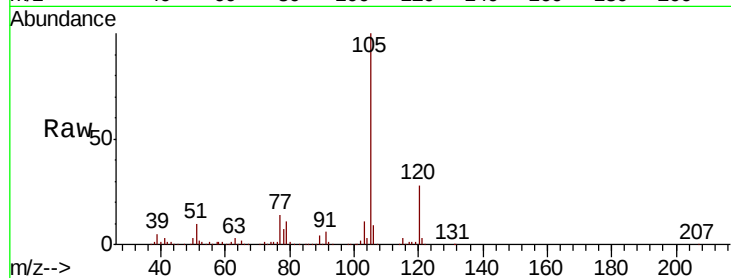
Tot Ion:105 Resp: 185639

Ion Ratio Lower Upper

105 100

120 28.0 22.3 33.5

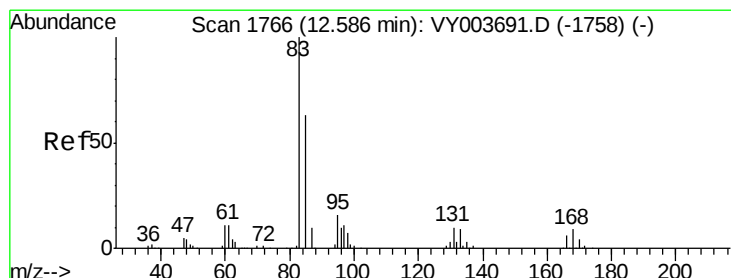
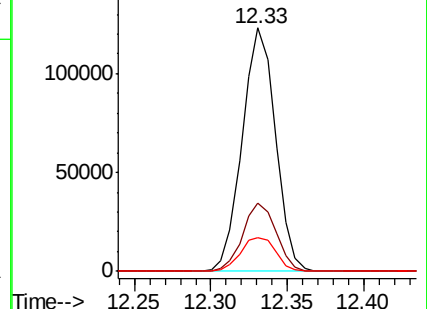
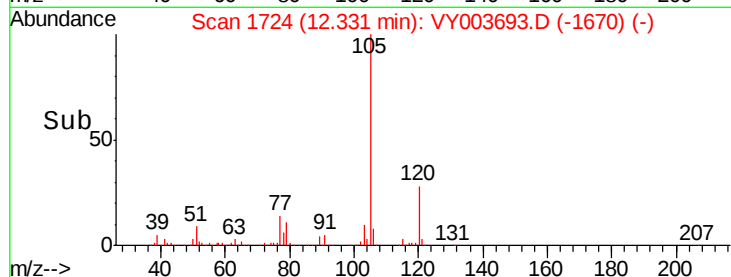
77 14.9 11.9 17.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): V



#58

1,1,2,2-Tetrachloroethane

Concen: 0.229 ug/L

RT: 12.57 min Scan# 1763

Delta R.T. -0.02 min

Lab File: VY003693.D

Acq: 09 Dec 2020 11:34

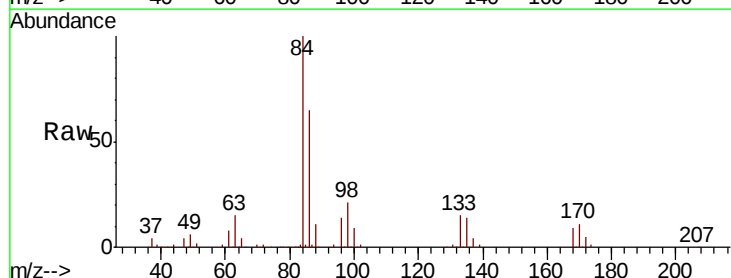
Tgt Ion: 83 Resp: 651

Ion Ratio Lower Upper

83 100

85 159.5 47.2 87.6#

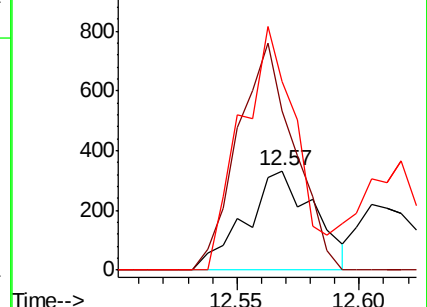
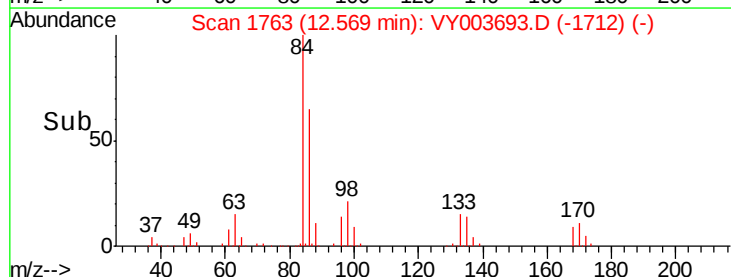
131 189.2 8.4 12.6#

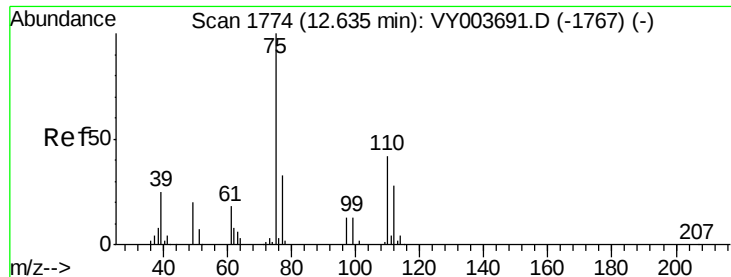


Abundance Ion 83.00 (82.70 to 83.70): VY0

Ion 85.00 (84.70 to 85.70): VY0

Ion 131.00 (130.70 to 131.70): V





#59

1,2,3-Trichloropropane

Concen: 5.323 ug/L

RT: 13.43 min Scan# 1904

Delta R.T. 0.79 min

Lab File: VY003693.D

Acq: 09 Dec 2020 11:34

Instrument :

MSVOA_Y

ClientSampled :

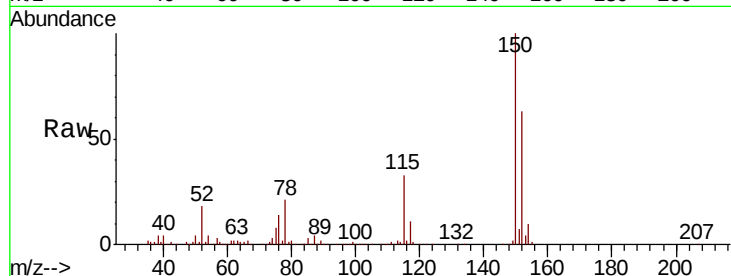
GB1F2

Tot Ion: 75 Resp: 13529

Ion Ratio Lower Upper

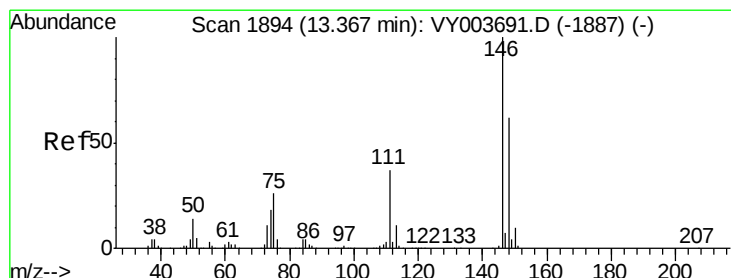
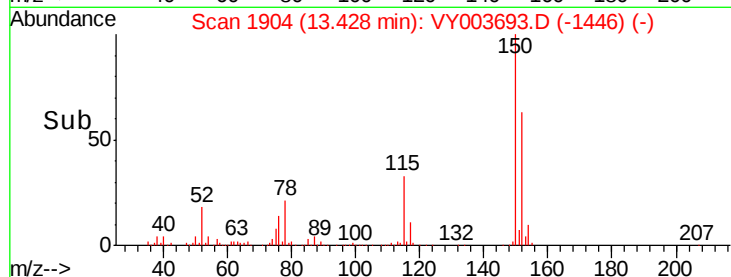
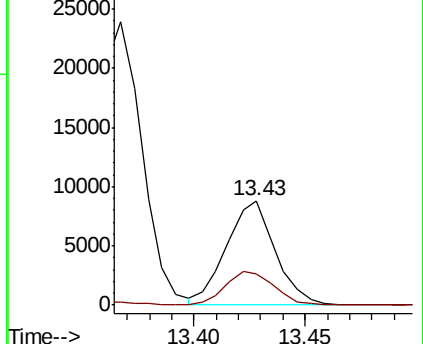
75 100

77 31.9 25.9 38.9



Abundance Ion 75.00 (74.70 to 75.70): VY0

Ion 77.00 (76.70 to 77.70): VY0



#63

1,3-Dichlorobenzene

Concen: 21.893 ug/L

RT: 13.37 min Scan# 1894

Delta R.T. 0.00 min

Lab File: VY003693.D

Acq: 09 Dec 2020 11:34

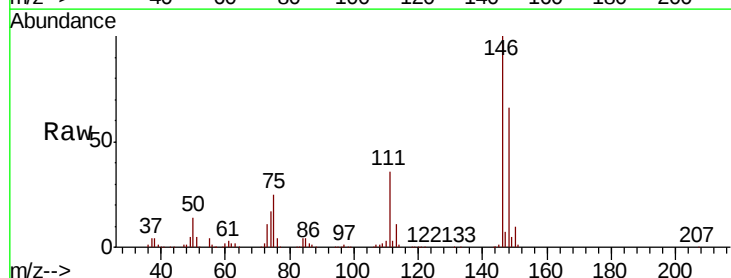
Tgt Ion: 146 Resp: 144663

Ion Ratio Lower Upper

146 100

111 36.4 26.0 48.4

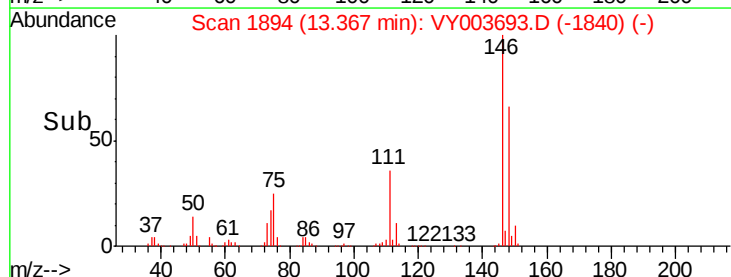
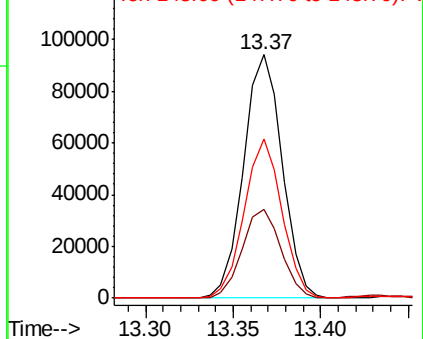
148 65.6 43.7 81.1

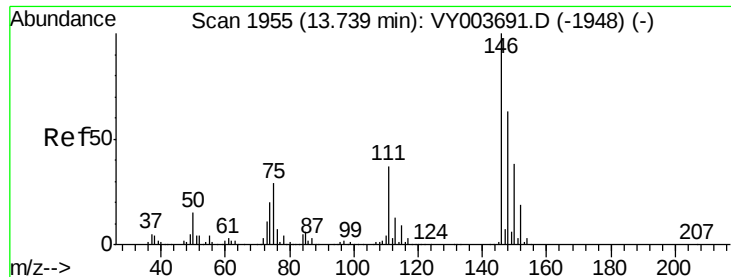


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

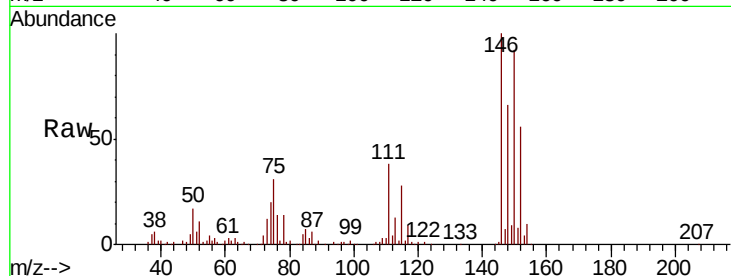




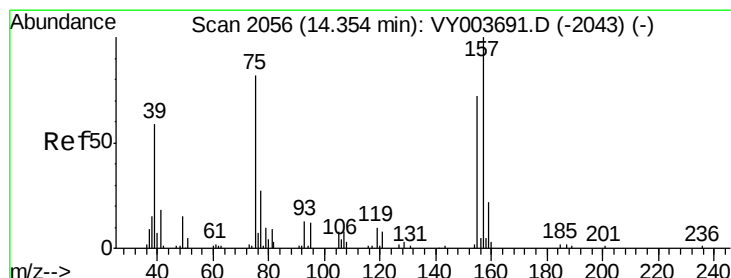
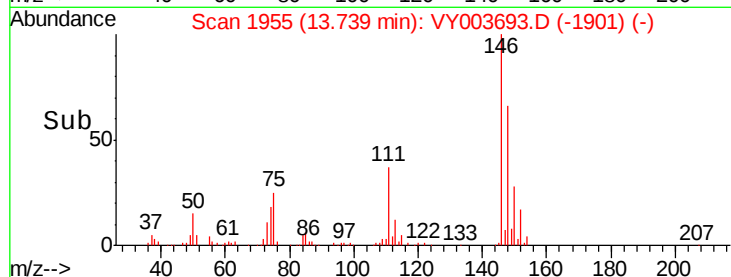
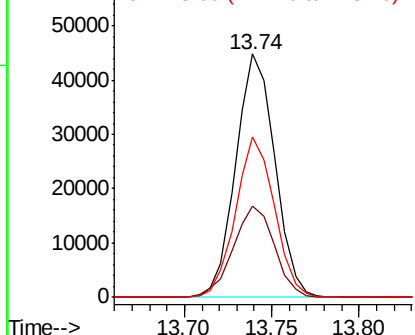
#65
 1,2-Dichlorobenzene
 Concen: 11.479 ug/L
 RT: 13.74 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VY003693.D
 Acq: 09 Dec 2020 11:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 GB1F2

Tot Ion:146 Resp: 69591
 Ion Ratio Lower Upper
 146 100
 111 37.7 30.0 45.0
 148 65.8 51.8 77.8

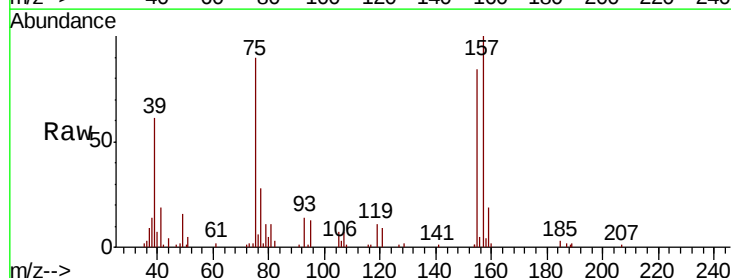


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

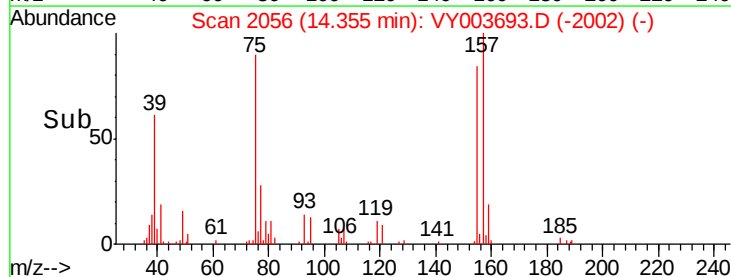
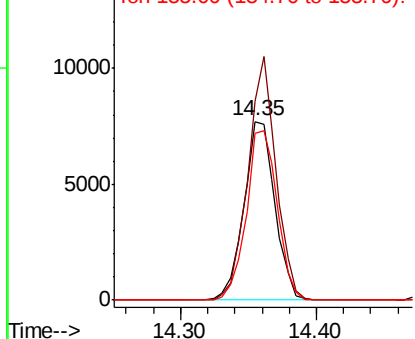


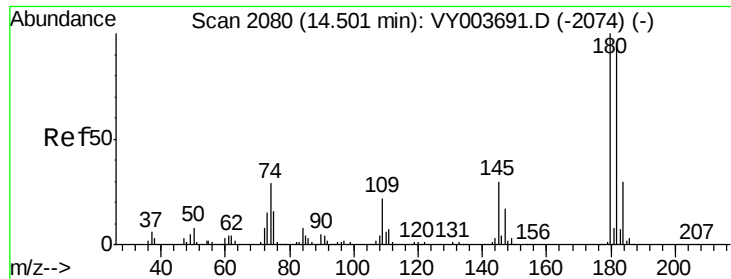
#66
 1,2-Dibromo-3-chloropropane
 Concen: 21.750 ug/L
 RT: 14.35 min Scan# 2056
 Delta R.T. 0.00 min
 Lab File: VY003693.D
 Acq: 09 Dec 2020 11:34

Tgt Ion: 75 Resp: 12283
 Ion Ratio Lower Upper
 75 100
 157 111.5 101.3 151.9
 155 93.3 76.2 114.4



Abundance Ion 75.00 (74.70 to 75.70): VY0
 Ion 157.00 (156.70 to 157.70): V
 Ion 155.00 (154.70 to 155.70): V

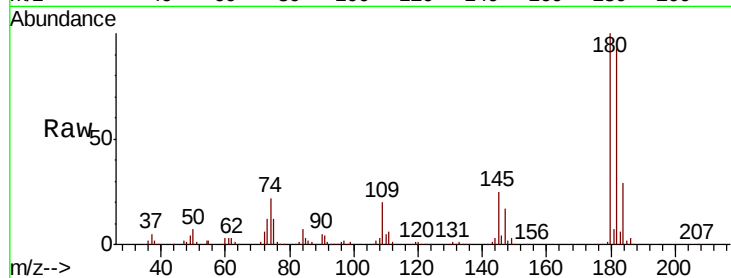




#67
 1,3,5-Trichlorobenzene
 Concen: 28.376 ug/L
 RT: 14.51 min Scan# 2081
 Delta R.T. 0.01 min
 Lab File: VY003693.D
 Acq: 09 Dec 2020 11:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 GB1F2

Tot Ion:	180	Resp:	132563
Ion	Ratio	Lower	Upper
180	100		
182	94.8	76.0	114.0
184	30.3	24.2	36.2
145	27.2	22.2	33.2



Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

