

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120820\
 Data File : VY003680.D
 Acq On : 08 Dec 2020 15:39
 Operator : SY/MD
 Sample : L4979-13
 Misc : 5.00G/10ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 GB1G3

Quant Time: Dec 09 02:00:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM120420S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 09 01:58:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.70	114	243025	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.50	117	225771	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.43	152	116790	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	78965	22.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.92%
7) Chloroethane-d5	2.77	69	61073	23.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.24%
10) 1,1-Dichloroethene-d2	3.87	63	154597	23.90	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	95.60%
20) 2-Butanone-d5	6.90	46	41994	34.27	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.54%
24) Chloroform-d	7.48	84	144563	23.12	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.48%
26) 1,2-Dichloroethane-d4	8.15	65	79431	22.57	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.28%
29) Benzene-d6	8.12	84	326913	25.01	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.04%
33) 1,2-Dichloropropane-d6	9.12	67	95082	24.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.32%
37) Toluene-d8	10.18	98	294238	25.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.44%
38) trans-1,3-Dichloropropene-	10.44	79	44127	23.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.48%
39) 2-Hexanone-d5	10.79	63	34761	35.87	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.74%
48) 1,1,2,2-Tetrachloroethane-	12.56	84	73726	21.39	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.56%
61) 1,2-Dichlorobenzene-d4	13.73	152	104281	24.57	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.28%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	2.13	50	68965	23.267	ug/L	97
6) Bromomethane	2.66	94	19552	9.648	ug/L	100
9) Trichlorofluoromethane	3.14	101	80696	16.817	ug/L	99
12) 1,1-Dichloroethene	3.89	96	72342	24.874	ug/L	96
13) Acetone	3.96	43	33123	36.880	ug/L	99
15) Methyl Acetate	4.49	43	72327	32.005	ug/L	99
16) Methylene chloride	4.73	84	43898	10.287	ug/L	92
17) Methyl tert-butyl Ether	5.23	73	250581	30.395	ug/L	100
18) trans-1,2-Dichloroethene	5.23	96	36767	11.227	ug/L	98
22) cis-1,2-Dichloroethene	7.00	96	96160	27.554	ug/L	91
23) Bromochloromethane	7.34	128	26417	15.163	ug/L	94
27) 1,2-Dichloroethane	8.24	62	38289	10.172	ug/L #	94
30) Cyclohexane	7.79	56	57796	11.882	ug/L	99
31) 1,1,1-Trichloroethane	7.71	97	53429	11.102	ug/L	100
32) Carbon tetrachloride	7.90	117	61083	14.298	ug/L	99
35) Trichloroethene	8.94	95	140524	39.630	ug/L	99
36) Methylcyclohexane	9.19	83	157354	28.957	ug/L	99

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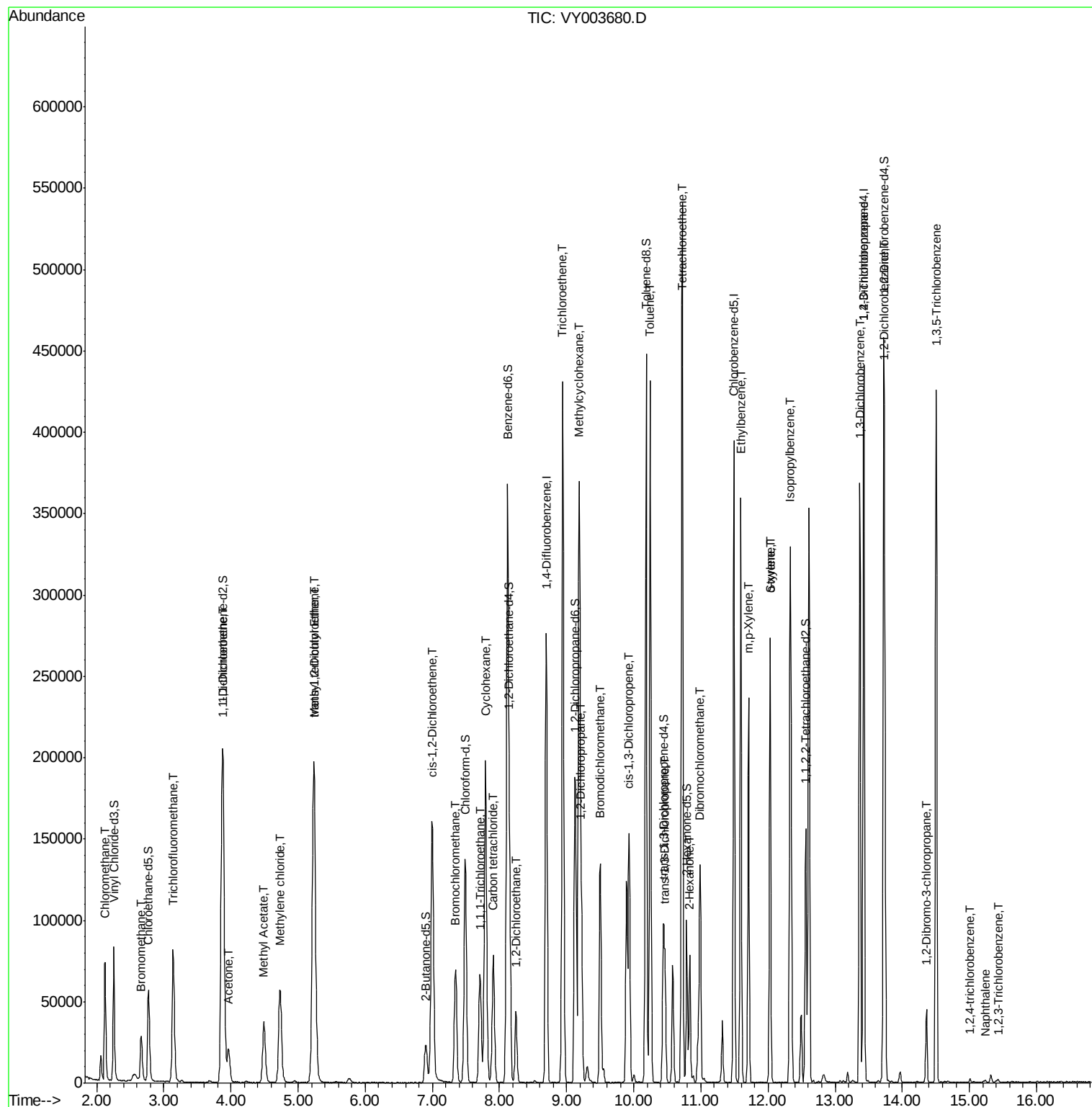
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) 1,2-Dichloropropane	9.22	63	45026	13.900	ug/L	100
41) Bromodichloromethane	9.50	83	88433	21.488	ug/L	97
42) cis-1,3-Dichloropropene	9.93	75	91697	17.985	ug/L	98
44) Toluene	10.25	91	304554	22.354	ug/L	100
45) trans-1,3-Dichloropropene	10.47	75	37220	7.920	ug/L	99
47) Tetrachloroethene	10.72	164	122338	44.302	ug/L	96
49) 2-Hexanone	10.83	43	47833	22.370	ug/L	99
50) Dibromochloromethane	10.99	129	66026	20.202	ug/L	99
53) Ethylbenzene	11.59	91	242844	16.333	ug/L	97
54) m,p-Xylene	11.71	106	63738	11.112	ug/L	96
55) o-xylene	12.03	106	74121	13.469	ug/L	96
56) Styrene	12.03	104	4399	0.467	ug/L #	1
57) Isopropylbenzene	12.33	105	198168	13.774	ug/L	100
59) 1,2,3-Trichloropropane	13.43	75	14332	5.354	ug/L	97
63) 1,3-Dichlorobenzene	13.37	146	147314	21.211	ug/L	97
65) 1,2-Dichlorobenzene	13.74	146	69150	10.852	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.36	75	10013	16.869	ug/L	97
67) 1,3,5-Trichlorobenzene	14.51	180	133251	27.137	ug/L	99
68) 1,2,4-trichlorobenzene	15.01	180	702	0.168	ug/L #	86
69) Naphthalene	15.24	128	1404	0.160	ug/L #	91
70) 1,2,3-Trichlorobenzene	15.43	180	649	0.170	ug/L #	94

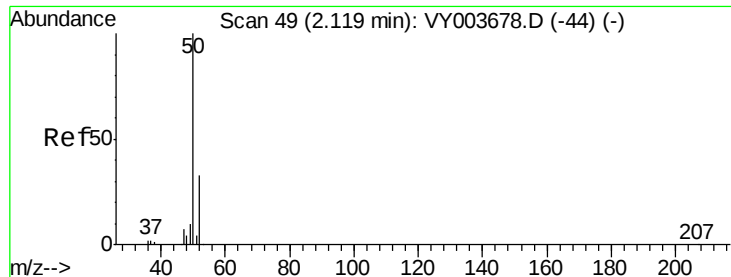
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 23.267 ug/L

RT: 2.13 min Scan# 50

Delta R.T. 0.01 min

Lab File: VY003680.D

Acq: 08 Dec 2020 15:39

Instrument :

MSVOA_Y

ClientSampleId :

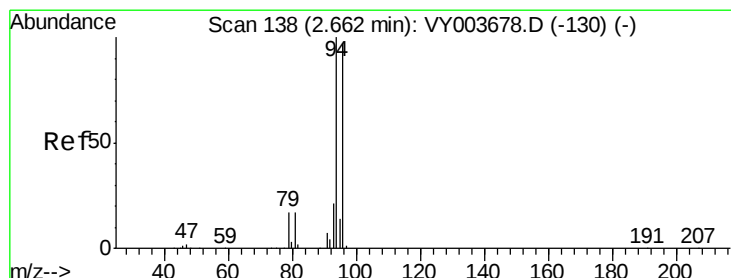
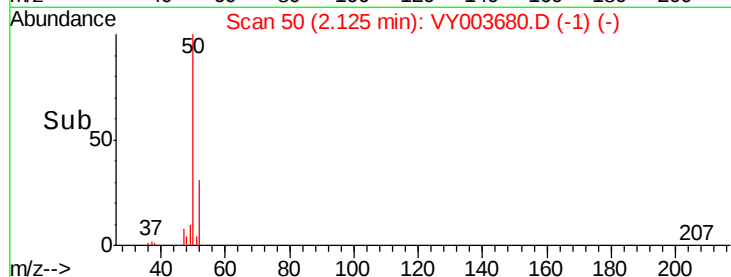
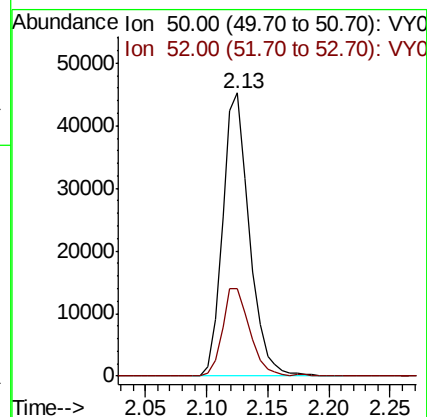
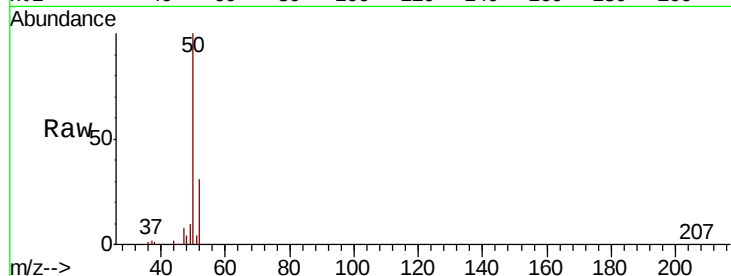
GB1G3

Tot Ion: 50 Resp: 68965

Ion Ratio Lower Upper

50 100

52 31.1 23.1 42.9



#6

Bromomethane

Concen: 9.648 ug/L

RT: 2.66 min Scan# 138

Delta R.T. -0.00 min

Lab File: VY003680.D

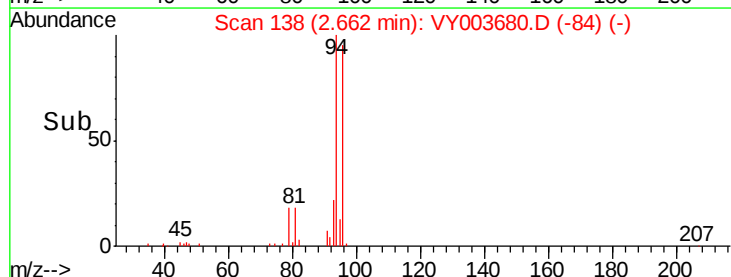
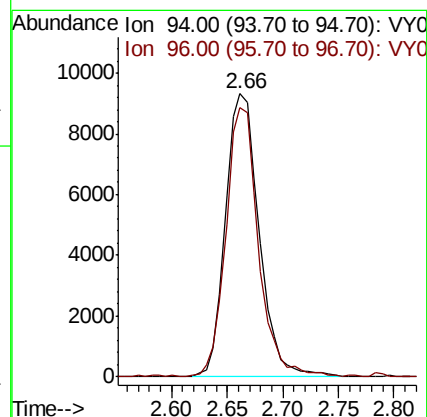
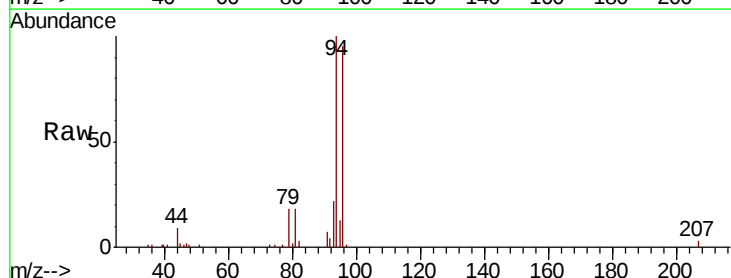
Acq: 08 Dec 2020 15:39

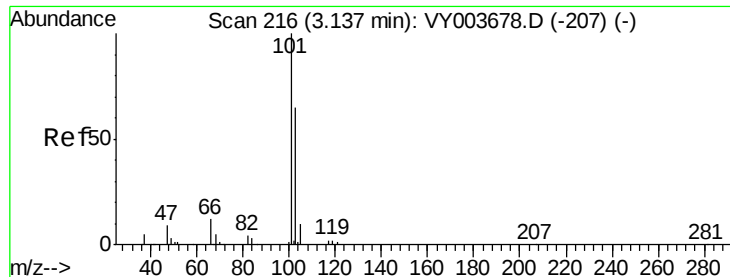
Tgt Ion: 94 Resp: 19552

Ion Ratio Lower Upper

94 100

96 91.7 9.2 174.6



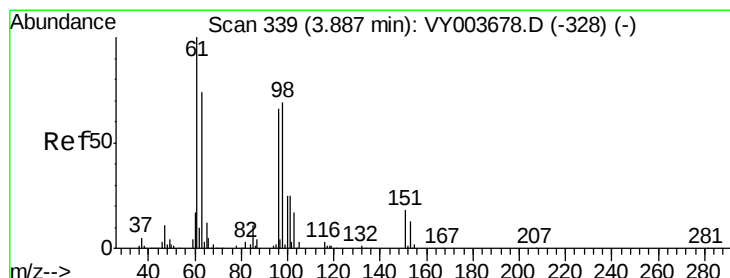
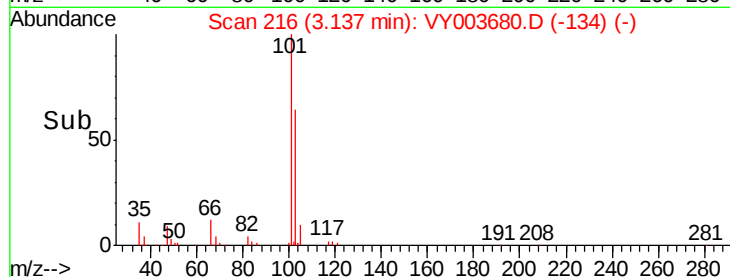
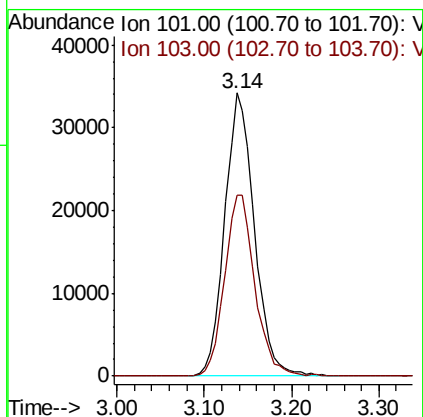
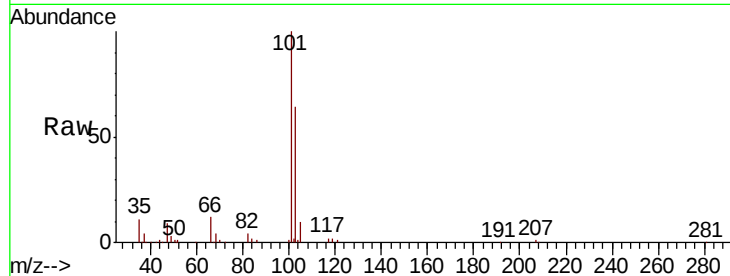


#9

Trichlorofluoromethane
Concen: 16.817 ug/L
RT: 3.14 min Scan# 216
Delta R.T. -0.00 min
Lab File: VY003680.D
Acq: 08 Dec 2020 15:39

Instrument :
MSVOA_Y
ClientSampleId :
GB1G3

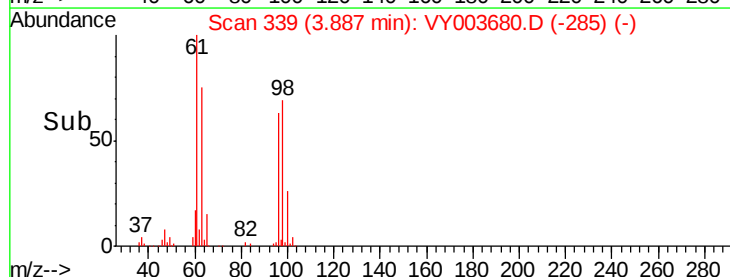
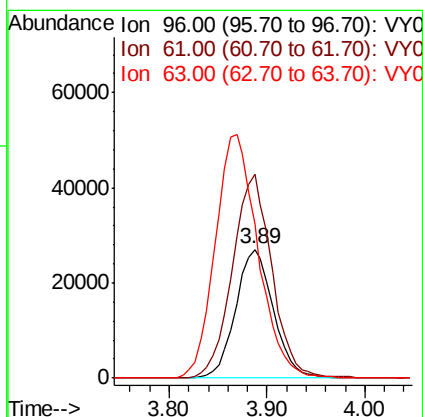
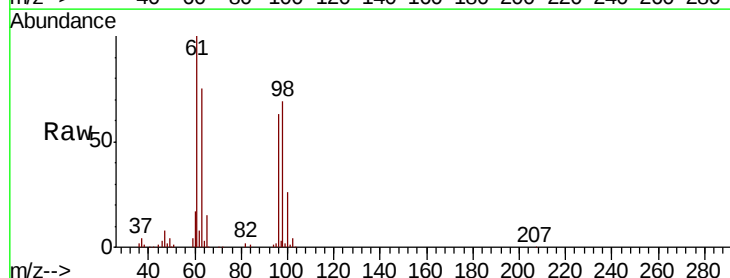
Tot Ion:101 Resp: 80696
Ion Ratio Lower Upper
101 100
103 65.2 45.1 83.7

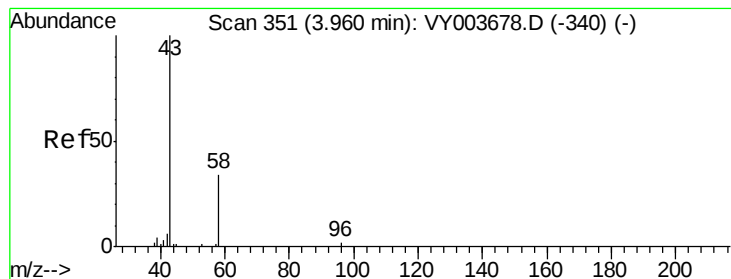


#12

1,1-Dichloroethene
Concen: 24.874 ug/L
RT: 3.89 min Scan# 339
Delta R.T. -0.00 min
Lab File: VY003680.D
Acq: 08 Dec 2020 15:39

Tgt Ion: 96 Resp: 72342
Ion Ratio Lower Upper
96 100
61 158.5 108.5 201.5
63 119.6 87.8 163.0





#13

Acetone

Concen: 36.880 ug/L

RT: 3.96 min Scan# 351

Delta R.T. -0.00 min

Lab File: VY003680.D

Acq: 08 Dec 2020 15:39

Instrument :

MSVOA_Y

ClientSampleId :

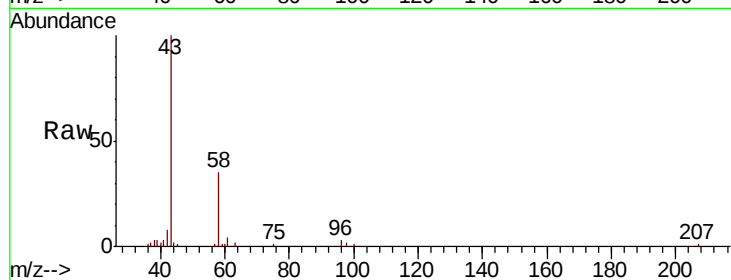
GB1G3

Tot Ion: 43 Resp: 33123

Ion Ratio Lower Upper

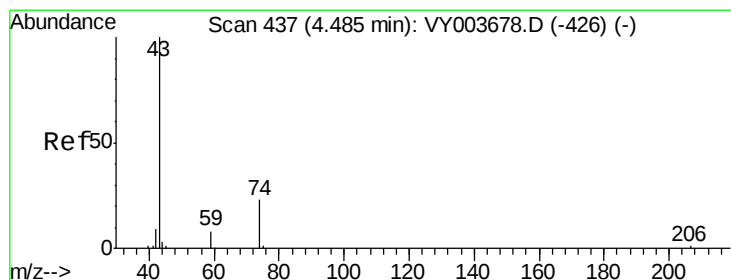
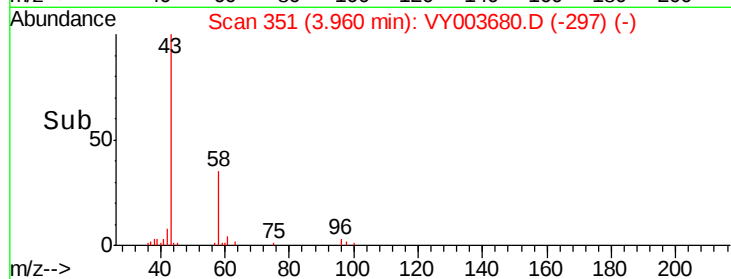
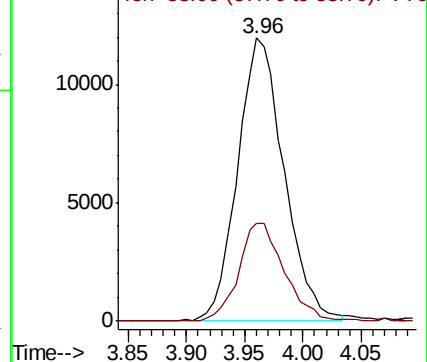
43 100

58 33.9 0.0 68.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#15

Methyl Acetate

Concen: 32.005 ug/L

RT: 4.49 min Scan# 438

Delta R.T. 0.01 min

Lab File: VY003680.D

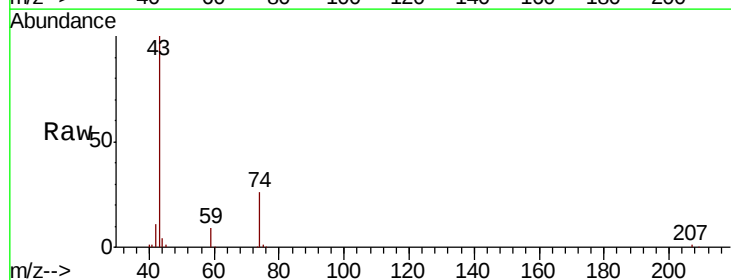
Acq: 08 Dec 2020 15:39

Tgt Ion: 43 Resp: 72327

Ion Ratio Lower Upper

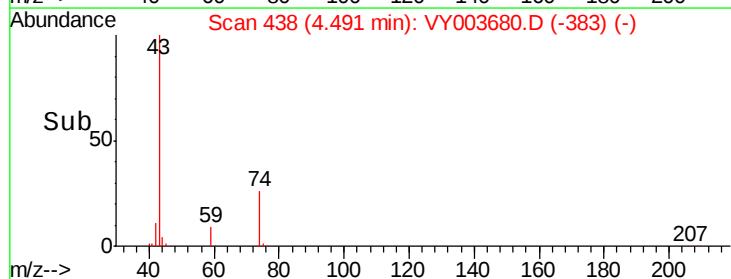
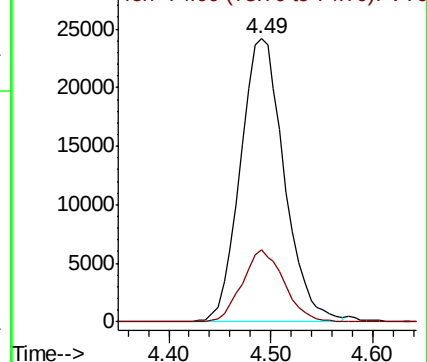
43 100

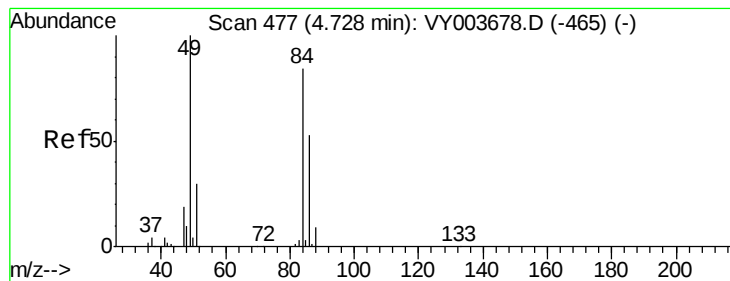
74 24.3 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0





#16

Methylene chloride

Concen: 10.287 ug/L

RT: 4.73 min Scan# 477

Delta R.T. -0.00 min

Lab File: VY003680.D

Acq: 08 Dec 2020 15:39

Instrument :

MSVOA_Y

ClientSampled :

GB1G3

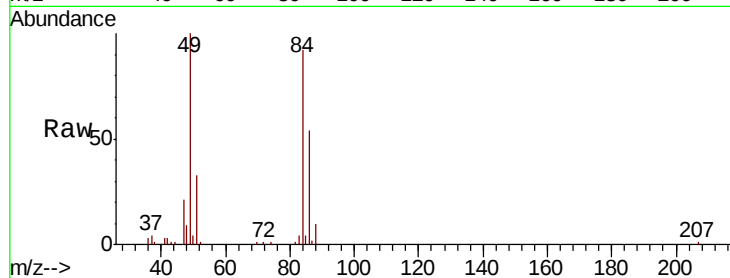
Tot Ion: 84 Resp: 43898

Ion Ratio Lower Upper

84 100

49 109.0 83.7 155.4

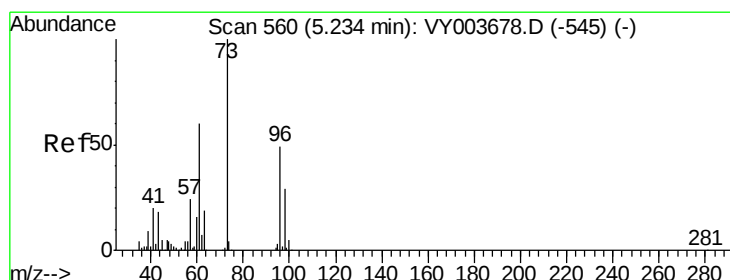
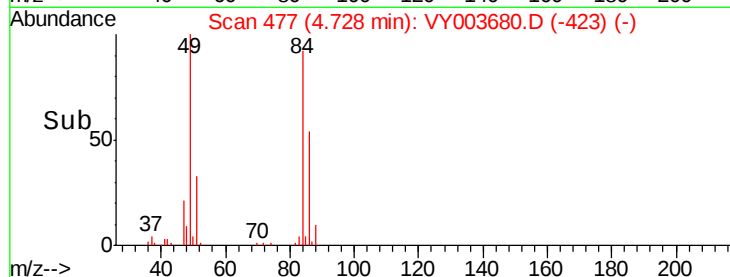
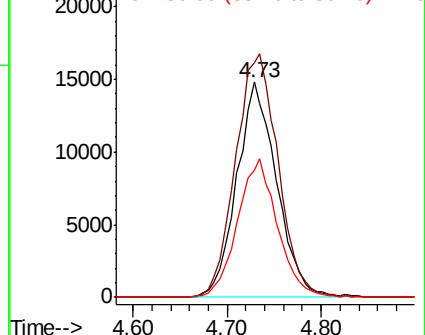
86 59.2 45.0 83.6



Abundance Ion 84.00 (83.70 to 84.70): VY0

Ion 49.00 (48.70 to 49.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#17

Methyl tert-butyl Ether

Concen: 30.395 ug/L

RT: 5.23 min Scan# 560

Delta R.T. -0.00 min

Lab File: VY003680.D

Acq: 08 Dec 2020 15:39

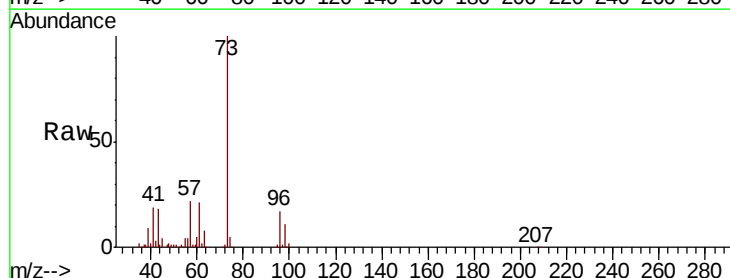
Tgt Ion: 73 Resp: 250581

Ion Ratio Lower Upper

73 100

43 18.5 14.9 22.3

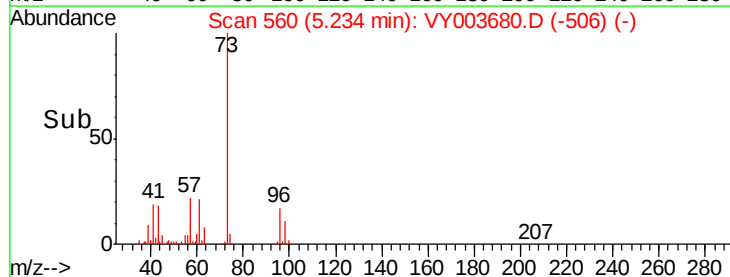
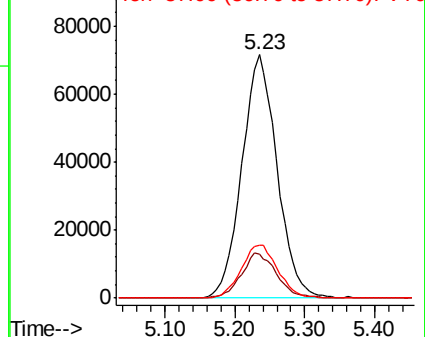
57 22.7 18.1 27.1

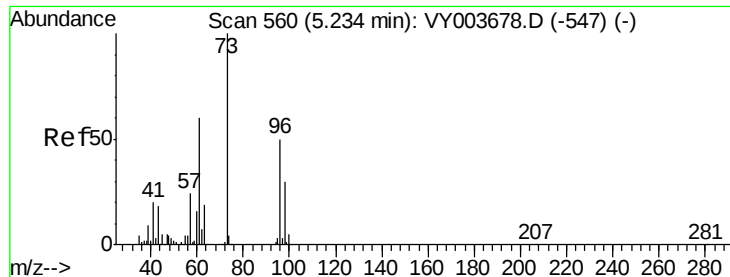


Abundance Ion 73.00 (72.70 to 73.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 57.00 (56.70 to 57.70): VY0





#18

trans-1,2-Dichloroethene

Concen: 11.227 ug/L

RT: 5.23 min Scan# 560

Delta R.T. -0.00 min

Lab File: VY003680.D

Acq: 08 Dec 2020 15:39

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ClientSampleId :

GB1G3

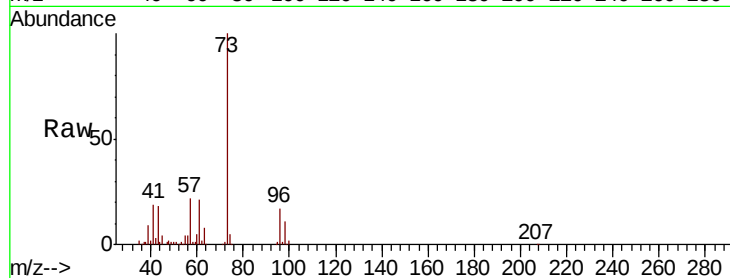
Tot Ion: 96 Resp: 36767

Ion Ratio Lower Upper

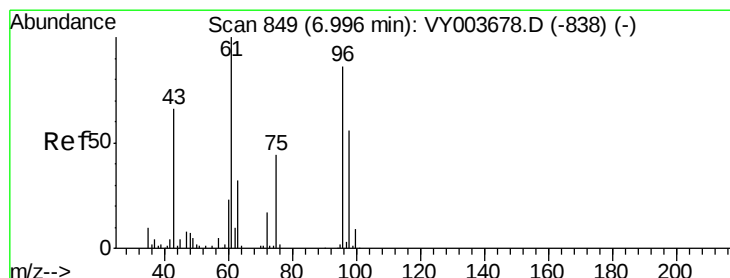
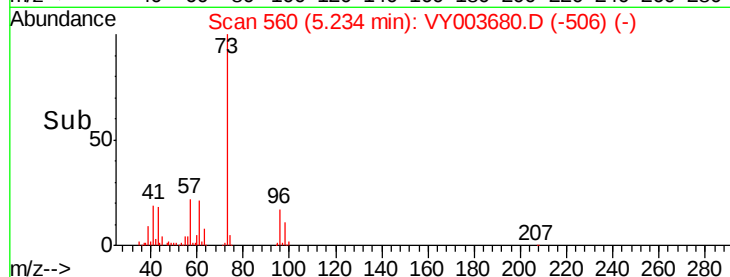
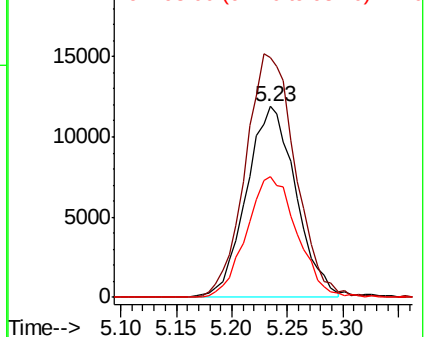
96 100

61 125.8 90.8 168.6

98 63.6 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: 27.554 ug/L

RT: 7.00 min Scan# 850

Delta R.T. 0.01 min

Lab File: VY003680.D

Acq: 08 Dec 2020 15:39

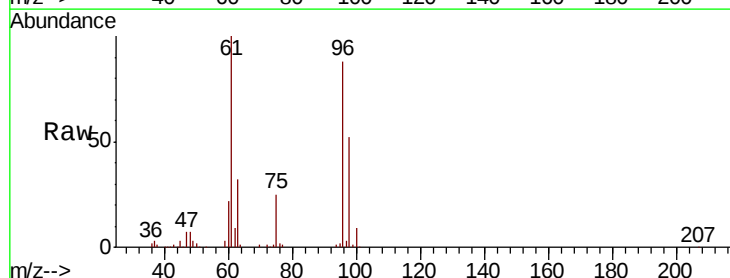
Tgt Ion: 96 Resp: 96160

Ion Ratio Lower Upper

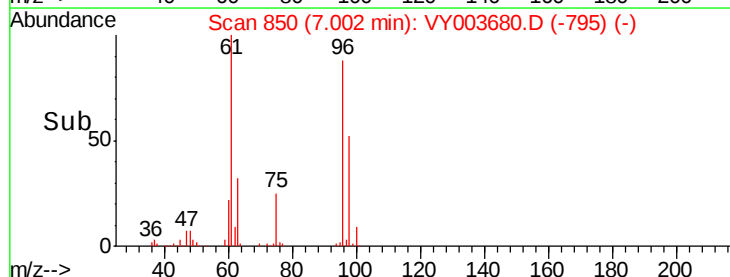
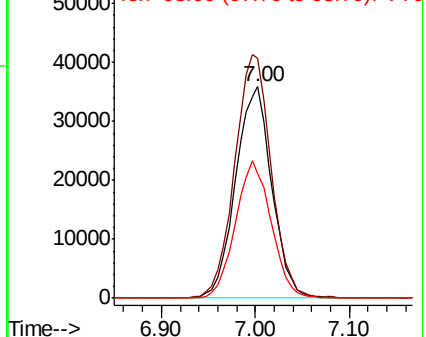
96 100

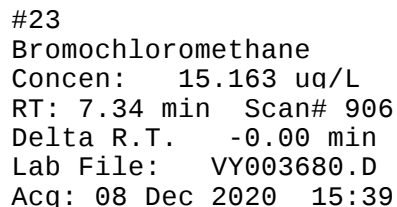
61 113.3 85.8 159.4

98 58.7 46.5 86.3



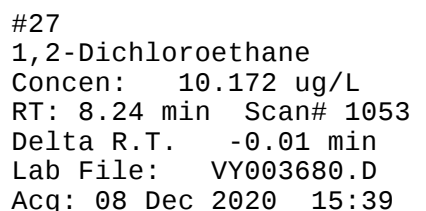
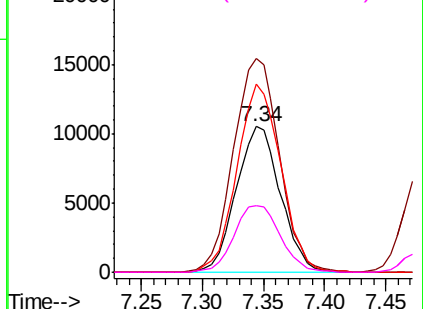
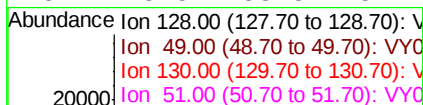
Abundance Ion 96.00 (95.70 to 96.70): VY0
Ion 61.00 (60.70 to 61.70): VY0
Ion 98.00 (97.70 to 98.70): VY0



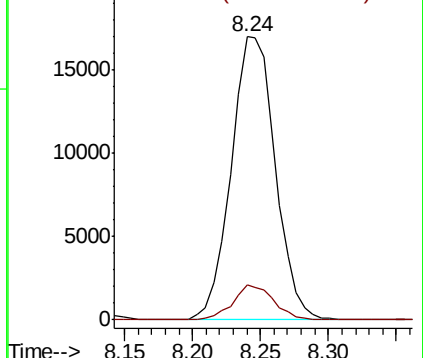
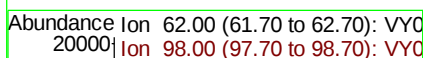


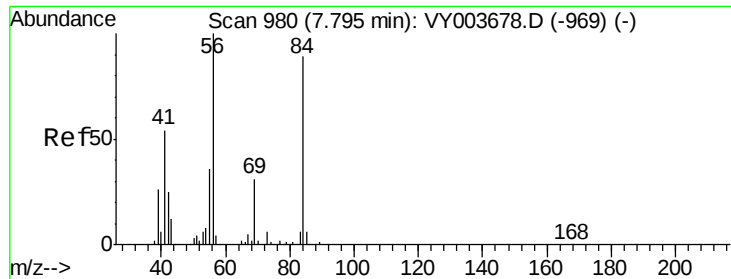
Instrument :
MSVOA_Y
ClientSampleId :
GB1G3

Tot	Ion:128	Resp:	26417
Ion	Ratio	Lower	Upper
128	100		
49	146.8	113.8	211.3
130	128.9	89.7	166.5
51	45.5	38.5	57.7



Tgt	Ion: 62	Resp:	38289
Ion	Ratio	Lower	Upper
62	100		
98	12.3	8.0	12.0#

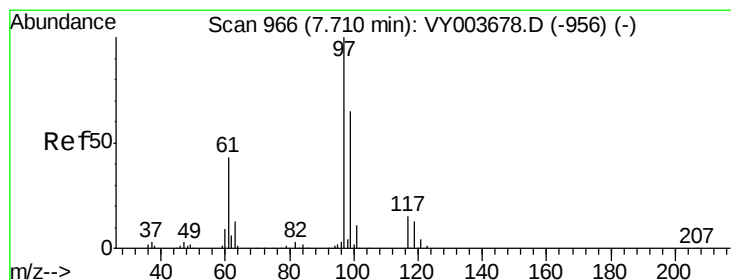
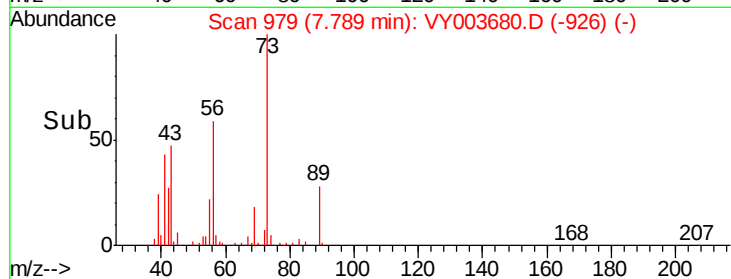
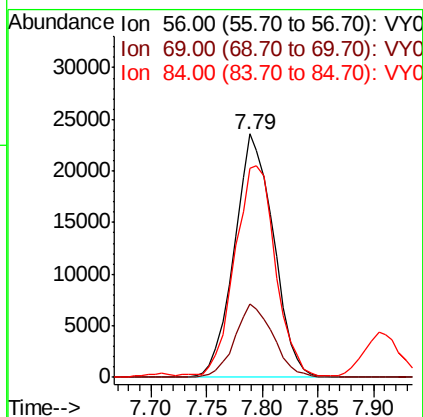
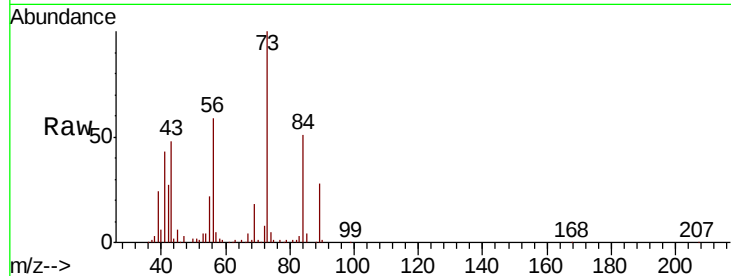




#30
Cyclohexane
Concen: 11.882 ug/L
RT: 7.79 min Scan# 979
Delta R.T. -0.01 min
Lab File: VY003680.D
Acq: 08 Dec 2020 15:39

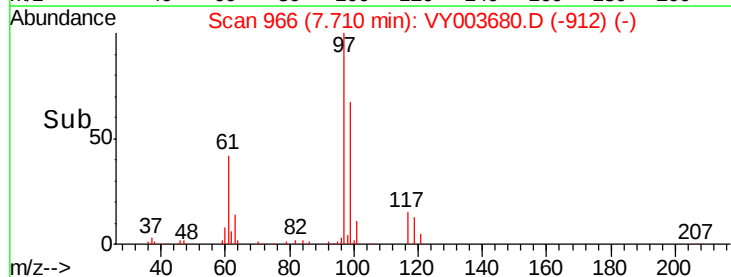
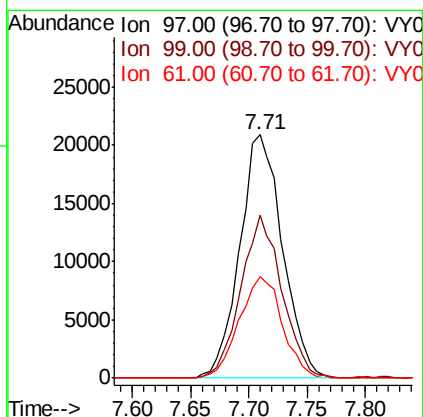
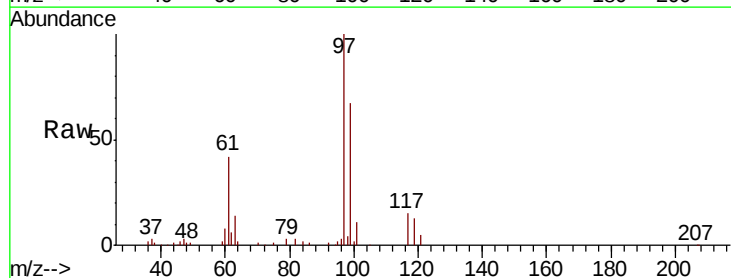
Instrument :
MSVOA_Y
ClientSampleId :
GB1G3

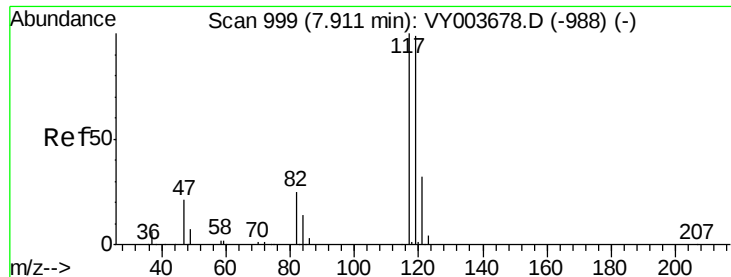
Tot Ion	56	Resp	57796
Ion Ratio	Lower	Upper	
56	100		
69	29.3	23.8	35.8
84	90.5	73.2	109.8



#31
1,1,1-Trichloroethane
Concen: 11.102 ug/L
RT: 7.71 min Scan# 966
Delta R.T. -0.00 min
Lab File: VY003680.D
Acq: 08 Dec 2020 15:39

Tgt Ion	97	Resp	53429
Ion Ratio	Lower	Upper	
97	100		
99	64.4	51.4	77.0
61	42.1	34.0	51.0





#32

Carbon tetrachloride

Concen: 14.298 ug/L

RT: 7.90 min Scan# 998

Delta R.T. -0.01 min

Lab File: VY003680.D

Acq: 08 Dec 2020 15:39

Instrument :

MSVOA_Y

ClientSampleId :

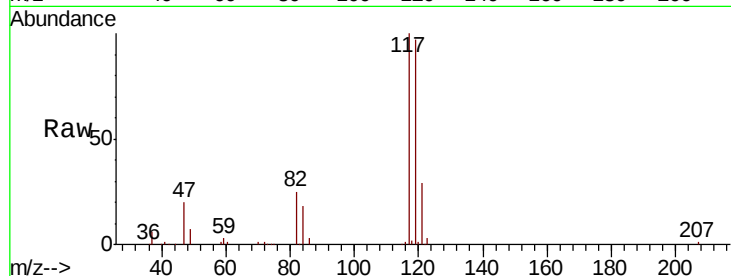
GB1G3

Tot Ion:117 Resp: 61083

Ion Ratio Lower Upper

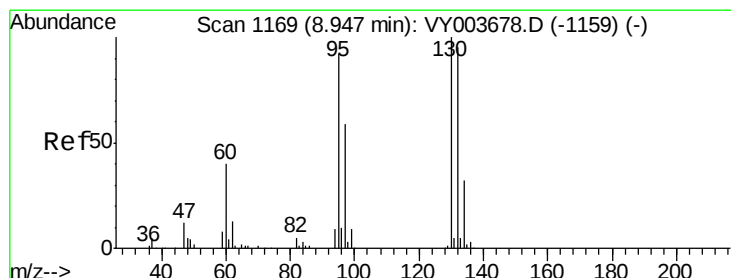
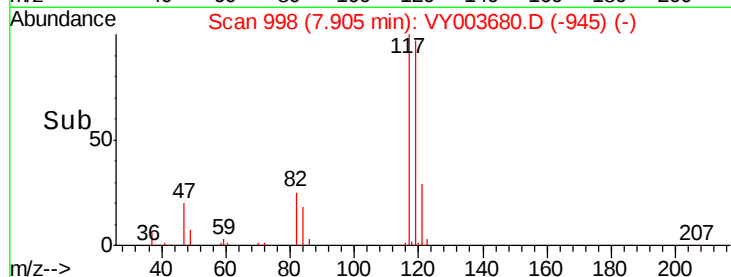
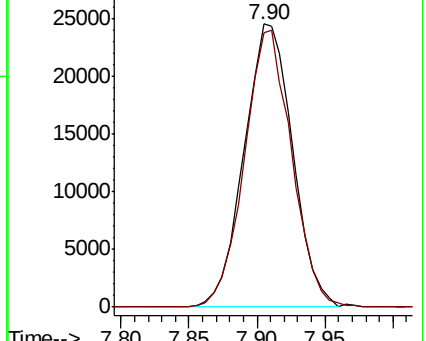
117 100

119 95.3 75.4 113.0



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#35

Trichloroethene

Concen: 39.630 ug/L

RT: 8.94 min Scan# 1168

Delta R.T. -0.01 min

Lab File: VY003680.D

Acq: 08 Dec 2020 15:39

Tgt Ion: 95 Resp: 140524

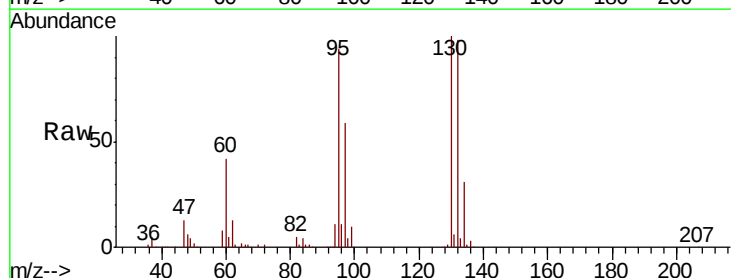
Ion Ratio Lower Upper

95 100

97 64.3 45.8 85.0

132 104.5 74.2 137.8

130 109.2 76.2 141.6

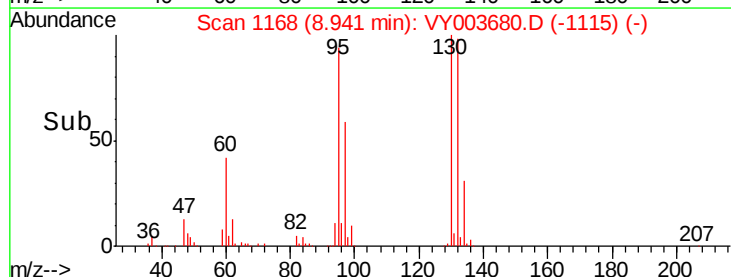
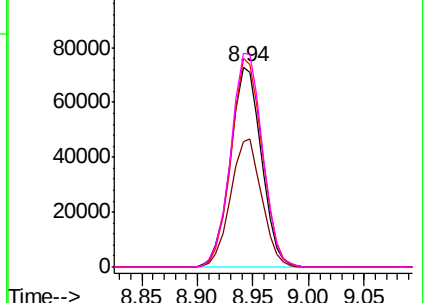


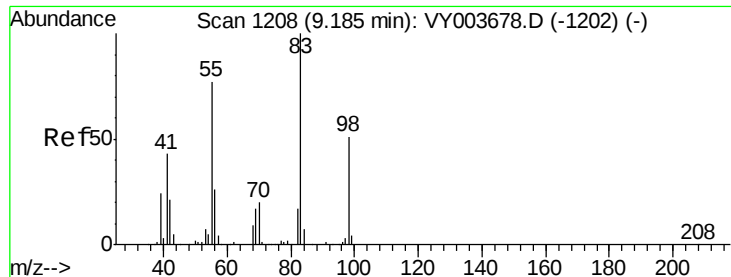
Abundance Ion 95.00 (94.70 to 95.70): VY0

Ion 97.00 (96.70 to 97.70): VY0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

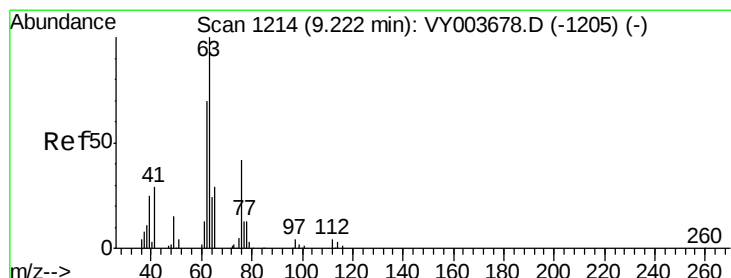
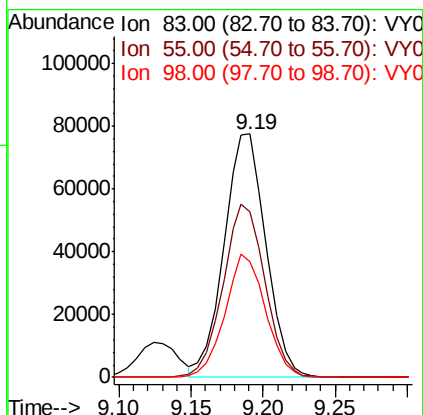
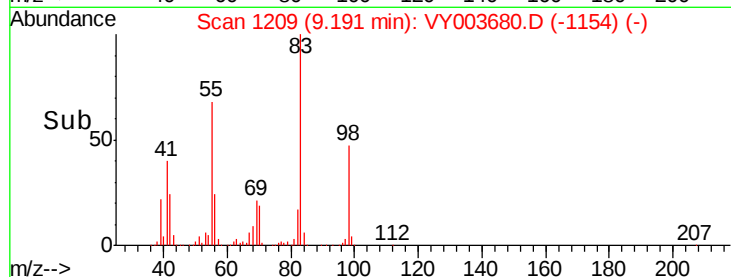
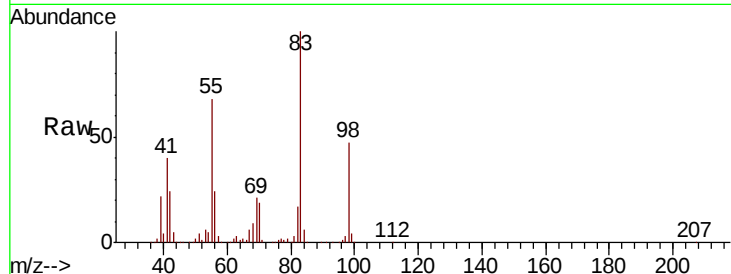




#36
Methylcyclohexane
Concen: 28.957 ug/L
RT: 9.19 min Scan# 1209
Delta R.T. 0.01 min
Lab File: VY003680.D
Acq: 08 Dec 2020 15:39

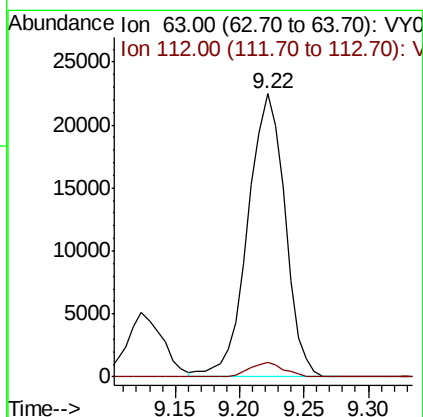
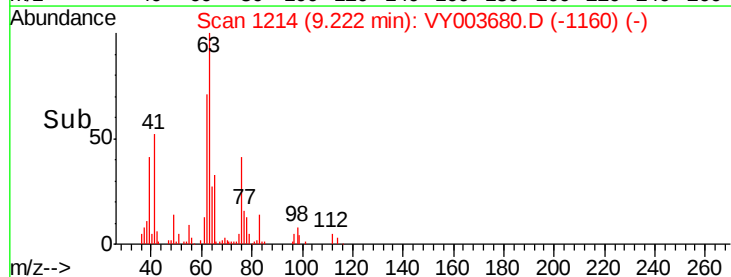
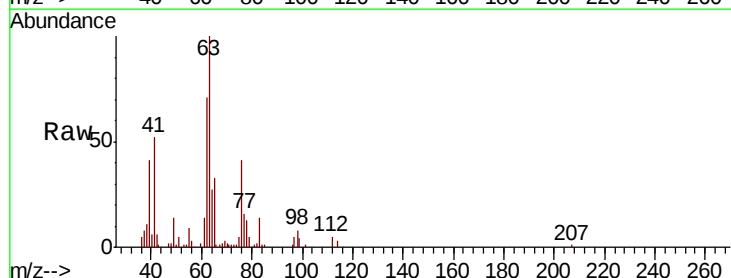
Instrument :
MSVOA_Y
ClientSampleId :
GB1G3

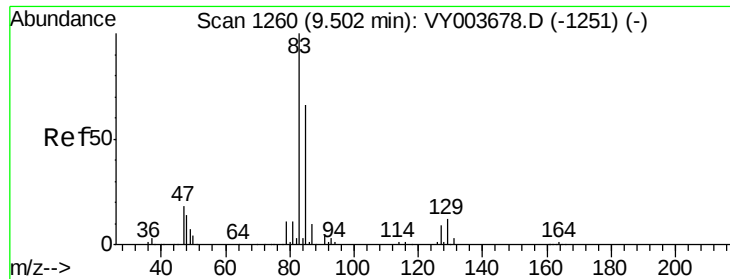
Tot Ion: 83 Resp: 157354
Ion Ratio Lower Upper
83 100
55 71.0 56.4 84.6
98 48.8 40.3 60.5



#40
1,2-Dichloropropane
Concen: 13.900 ug/L
RT: 9.22 min Scan# 1214
Delta R.T. -0.00 min
Lab File: VY003680.D
Acq: 08 Dec 2020 15:39

Tgt Ion: 63 Resp: 45026
Ion Ratio Lower Upper
63 100
112 4.7 3.7 5.5





#41

Bromodichloromethane

Concen: 21.488 ug/L

RT: 9.50 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VY003680.D

Acq: 08 Dec 2020 15:39

Instrument :

MSVOA_Y

ClientSampleId :

GB1G3

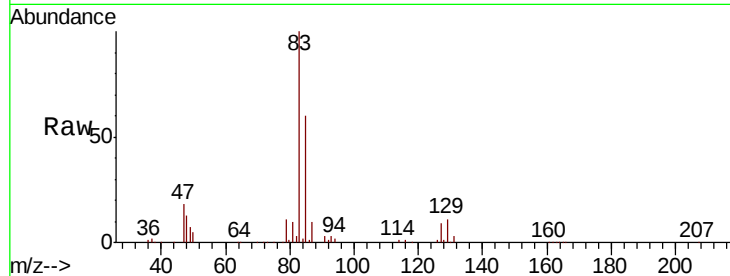
Tot Ion: 83 Resp: 88433

Ion Ratio Lower Upper

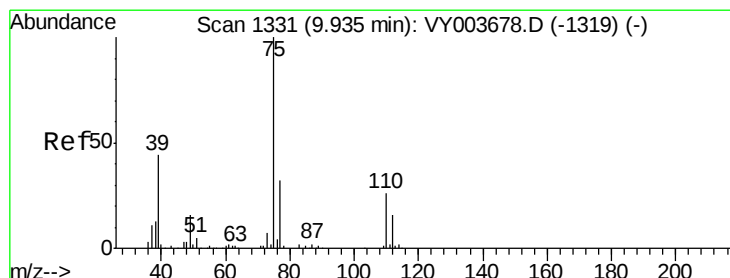
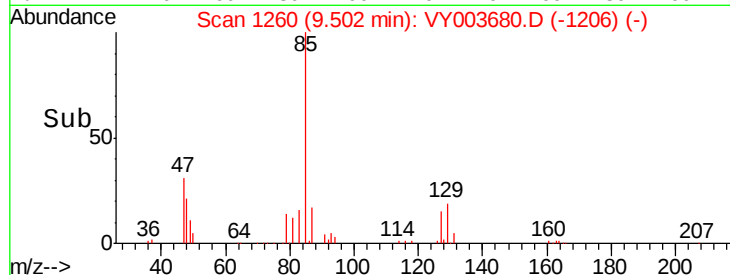
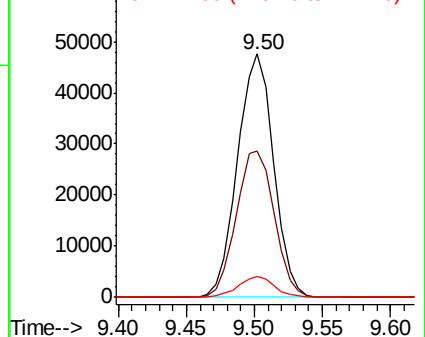
83 100

85 60.2 44.0 81.6

127 8.7 7.2 10.8



Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 85.00 (84.70 to 85.70): VY0
Ion 127.00 (126.70 to 127.70): VY0



#42

cis-1,3-Dichloropropene

Concen: 17.985 ug/L

RT: 9.93 min Scan# 1330

Delta R.T. -0.01 min

Lab File: VY003680.D

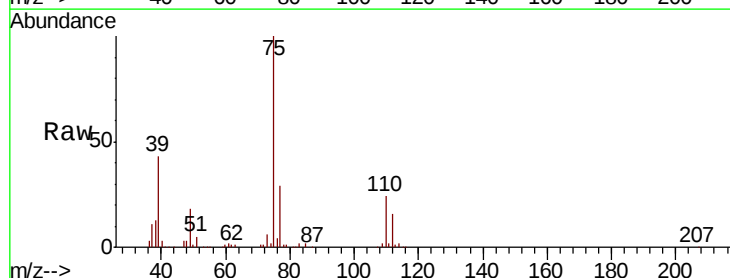
Acq: 08 Dec 2020 15:39

Tgt Ion: 75 Resp: 91697

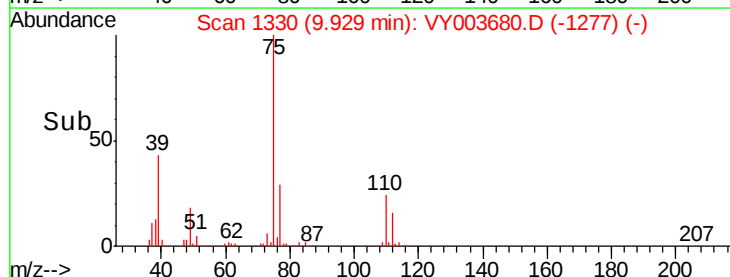
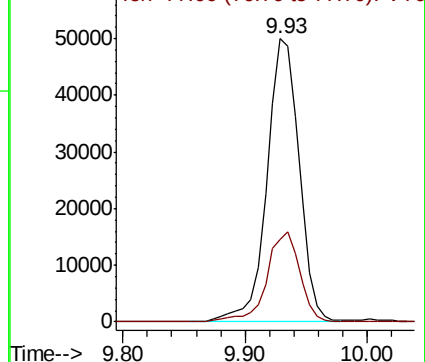
Ion Ratio Lower Upper

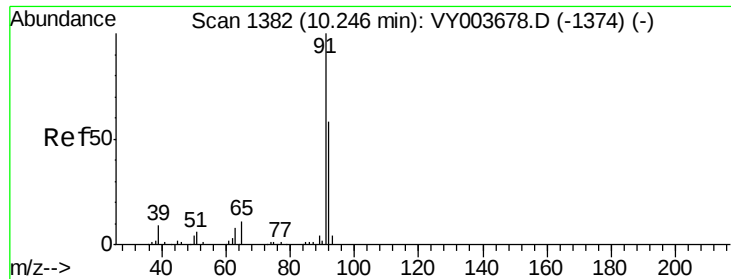
75 100

77 29.3 21.3 39.6



Abundance Ion 75.00 (74.70 to 75.70): VY0
Ion 77.00 (76.70 to 77.70): VY0





#44

Toluene

Concen: 22.354 ug/L

RT: 10.25 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VY003680.D

Acq: 08 Dec 2020 15:39

Instrument :

MSVOA_Y

ClientSampled :

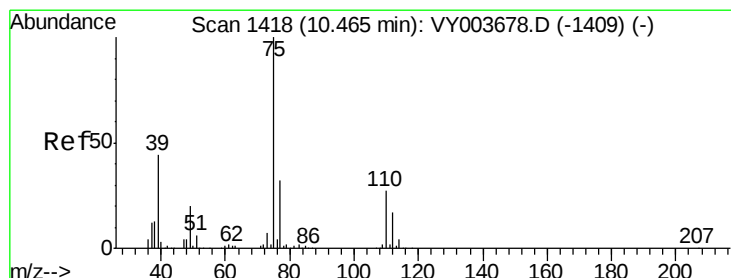
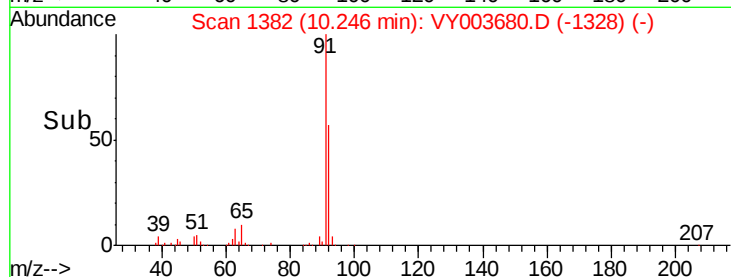
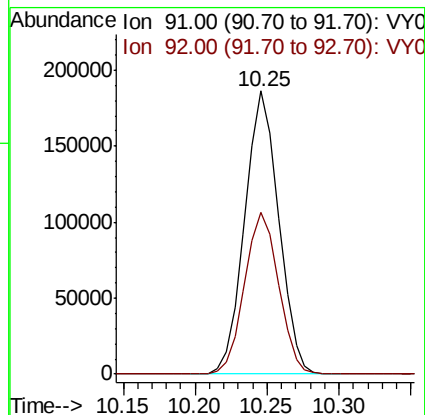
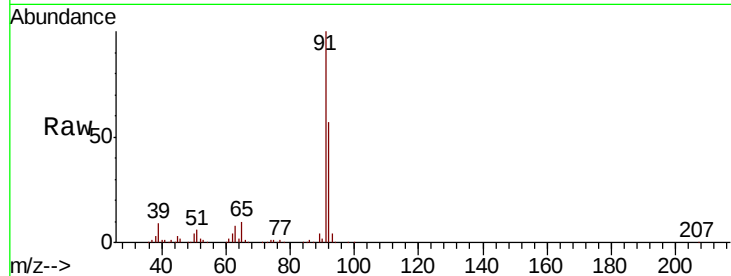
GB1G3

Tot Ion: 91 Resp: 304554

Ion Ratio Lower Upper

91 100

92 56.9 39.8 73.8



#45

trans-1,3-Dichloropropene

Concen: 7.920 ug/L

RT: 10.47 min Scan# 1418

Delta R.T. -0.00 min

Lab File: VY003680.D

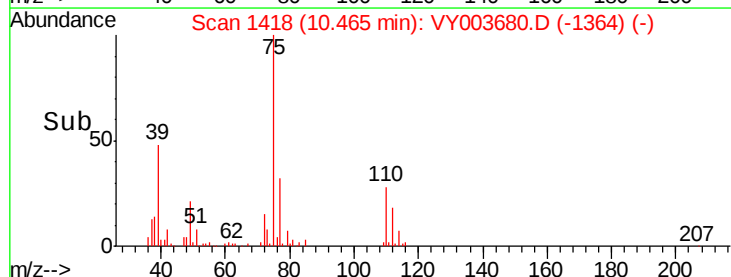
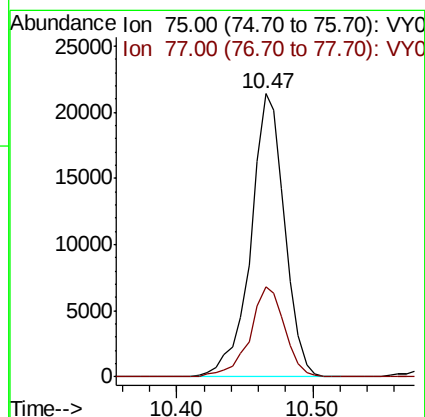
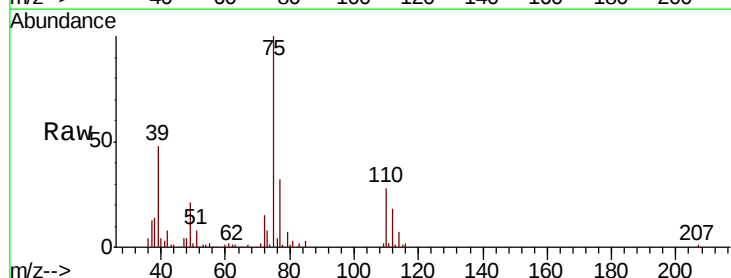
Acq: 08 Dec 2020 15:39

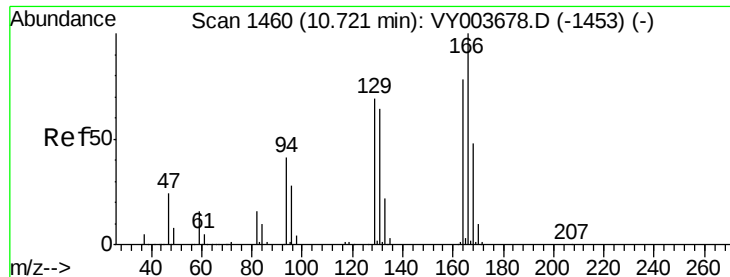
Tgt Ion: 75 Resp: 37220

Ion Ratio Lower Upper

75 100

77 31.9 22.0 40.8





#47

Tetrachloroethene

Concen: 44.302 ug/L

RT: 10.72 min Scan# 1460

Delta R.T. -0.00 min

Lab File: VY003680.D

Acq: 08 Dec 2020 15:39

Instrument :

MSVOA_Y

ClientSampleId :

GB1G3

Tot Ion:164 Resp: 122338

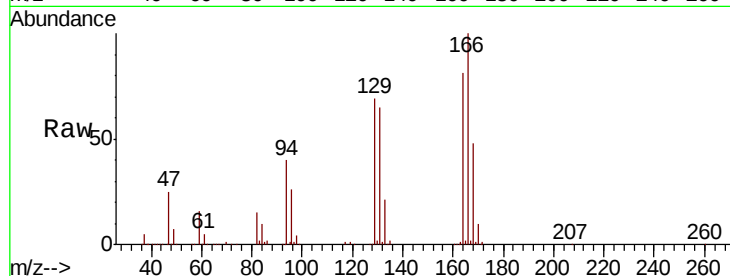
Ion Ratio Lower Upper

164 100

129 84.9 59.6 110.6

131 80.5 57.9 107.5

166 123.7 93.2 173.2



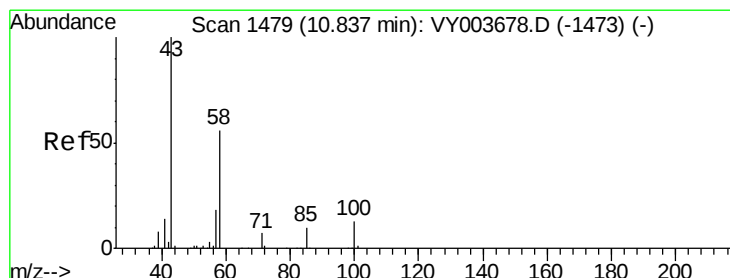
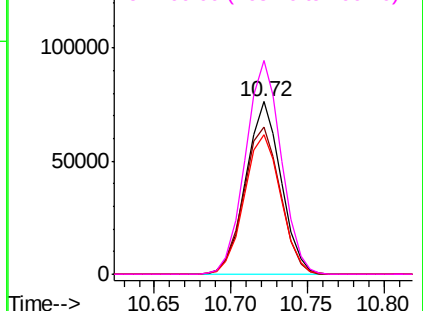
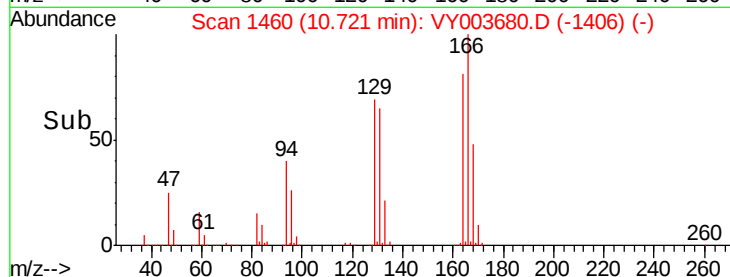
Abundance

Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#49

2-Hexanone

Concen: 22.370 ug/L

RT: 10.83 min Scan# 1478

Delta R.T. -0.01 min

Lab File: VY003680.D

Acq: 08 Dec 2020 15:39

Tgt Ion: 43 Resp: 47833

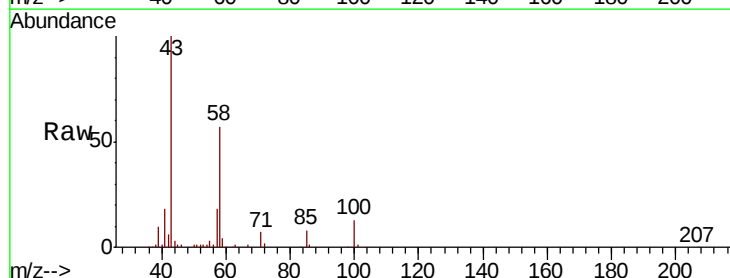
Ion Ratio Lower Upper

43 100

58 56.7 44.8 67.2

57 18.3 14.8 22.2

100 13.1 9.9 14.9



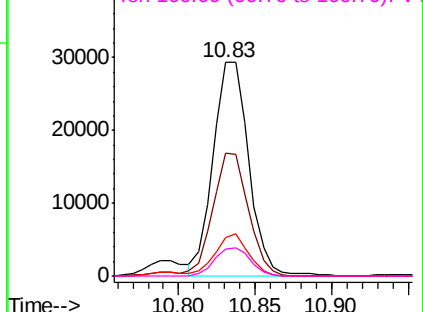
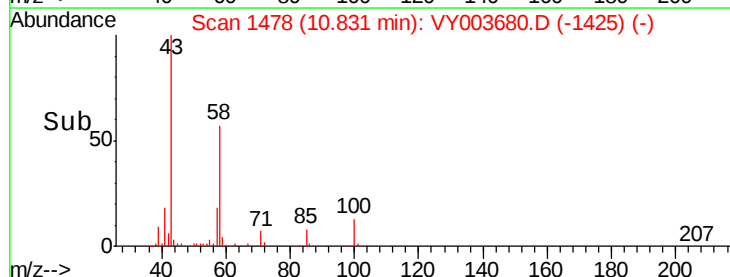
Abundance

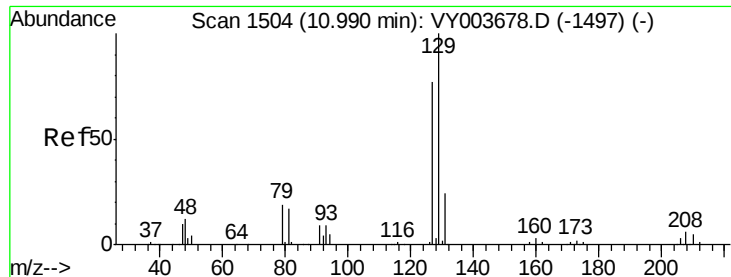
Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

Ion 57.00 (56.70 to 57.70): VY0

Ion 100.00 (99.70 to 100.70): VY0

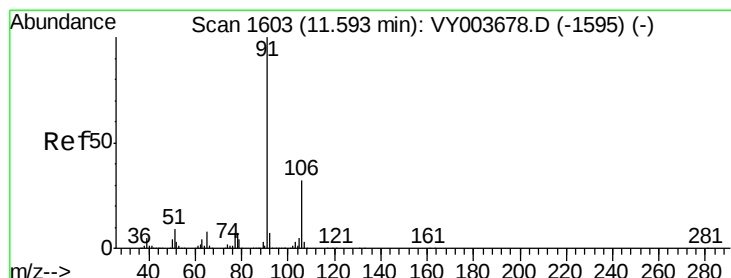
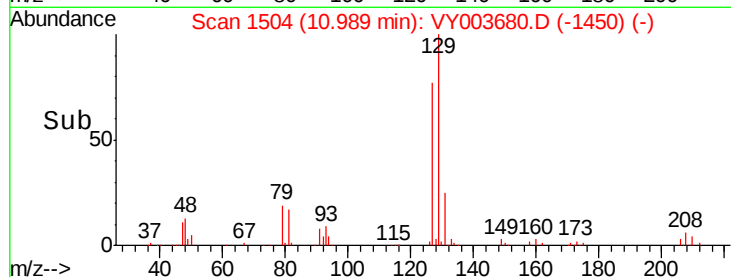
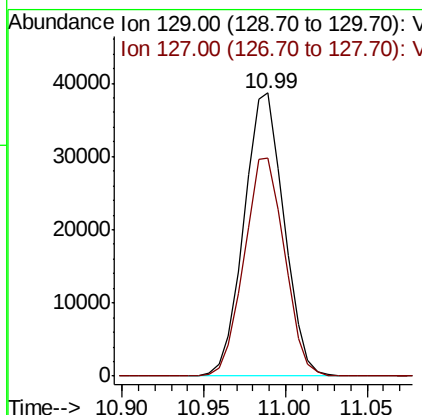
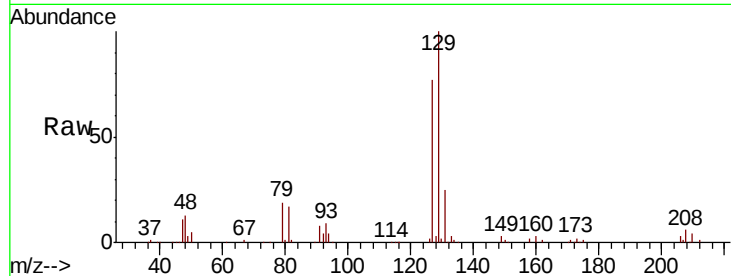




#50
Dibromochloromethane
Concen: 20.202 ug/L
RT: 10.99 min Scan# 1504
Delta R.T. -0.00 min
Lab File: VY003680.D
Acq: 08 Dec 2020 15:39

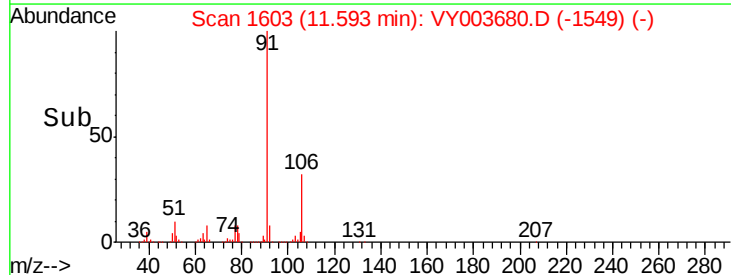
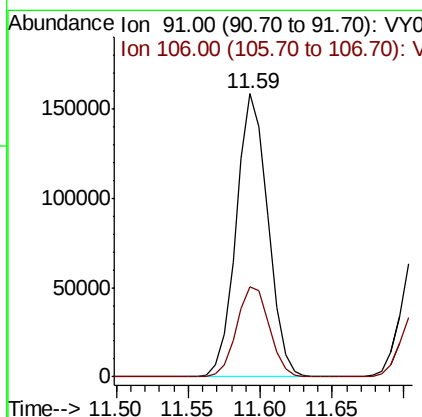
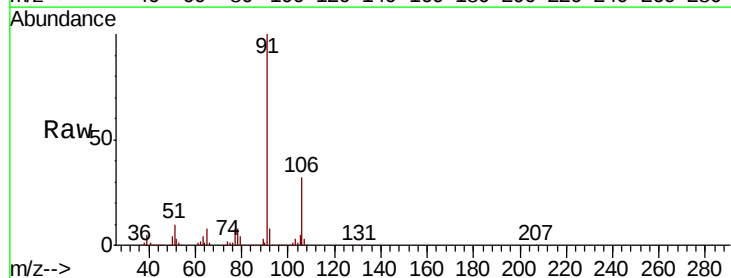
Instrument :
MSVOA_Y
ClientSampleId :
GB1G3

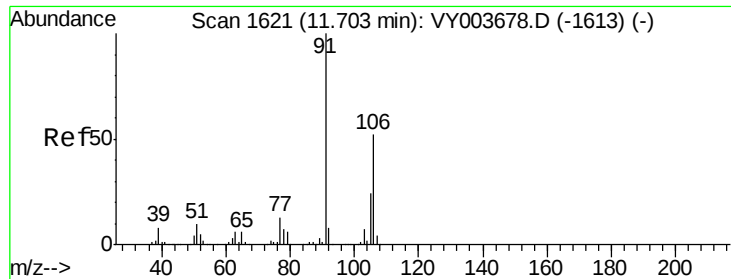
Tot Ion:129 Resp: 66026
Ion Ratio Lower Upper
129 100
127 77.2 54.8 101.8



#53
Ethylbenzene
Concen: 16.333 ug/L
RT: 11.59 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VY003680.D
Acq: 08 Dec 2020 15:39

Tgt Ion: 91 Resp: 242844
Ion Ratio Lower Upper
91 100
106 31.8 23.3 43.3





#54

m,p-Xylene

Concen: 11.112 ug/L

RT: 11.71 min Scan# 1622

Delta R.T. 0.01 min

Lab File: VY003680.D

Acq: 08 Dec 2020 15:39

Instrument :

MSVOA_Y

ClientSampleId :

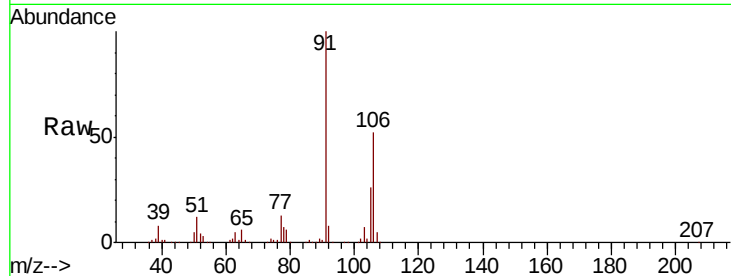
GB1G3

Tot Ion:106 Resp: 63738

Ion Ratio Lower Upper

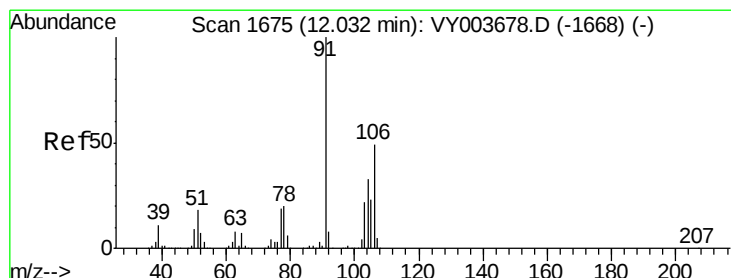
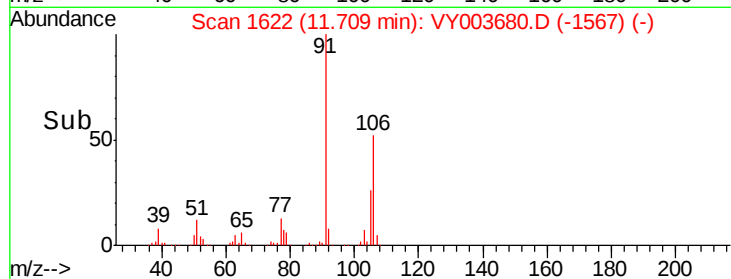
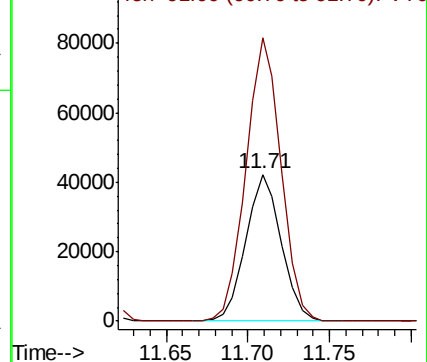
106 100

91 192.9 131.3 243.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VY0



#55

o-xylene

Concen: 13.469 ug/L

RT: 12.03 min Scan# 1675

Delta R.T. -0.00 min

Lab File: VY003680.D

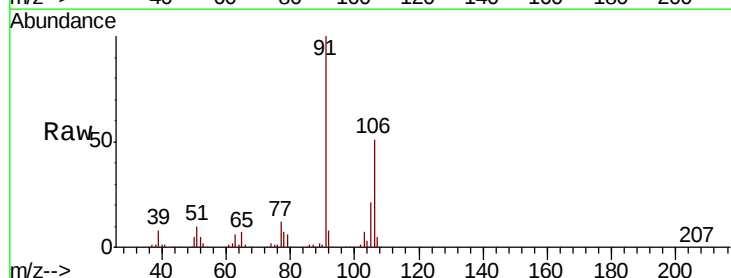
Acq: 08 Dec 2020 15:39

Tgt Ion:106 Resp: 74121

Ion Ratio Lower Upper

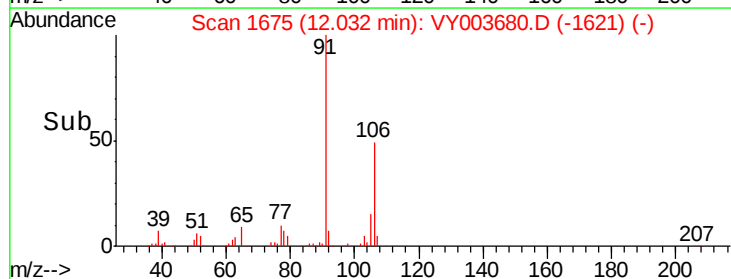
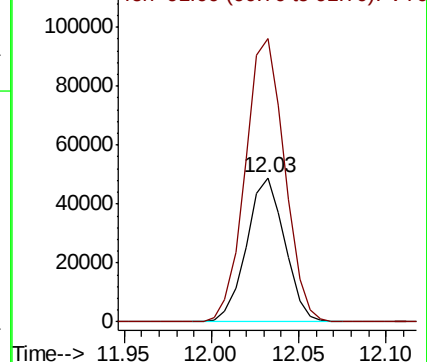
106 100

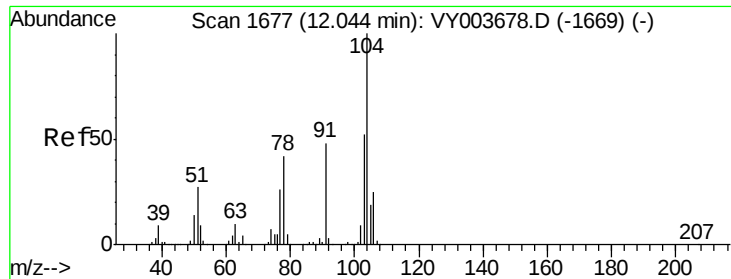
91 195.9 141.7 263.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VY0





#56

Stvrene

Concen: 0.467 ug/L

RT: 12.03 min Scan# 1675

Delta R.T. -0.01 min

Lab File: VY003680.D

Acq: 08 Dec 2020 15:39

Instrument :

MSVOA_Y

ClientSampleId :

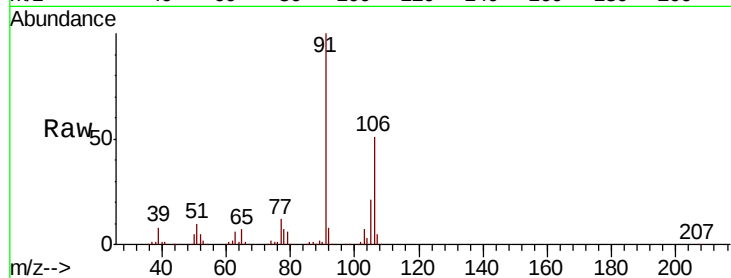
GB1G3

Tot Ion:104 Resp: 4399

Ion Ratio Lower Upper

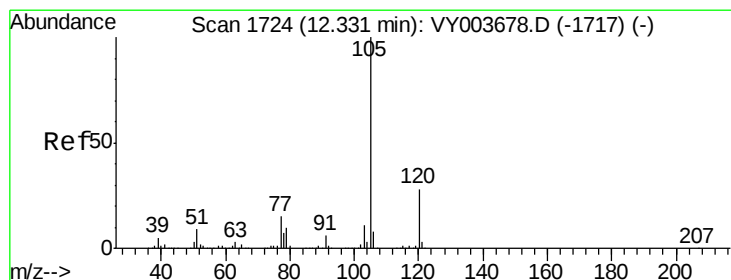
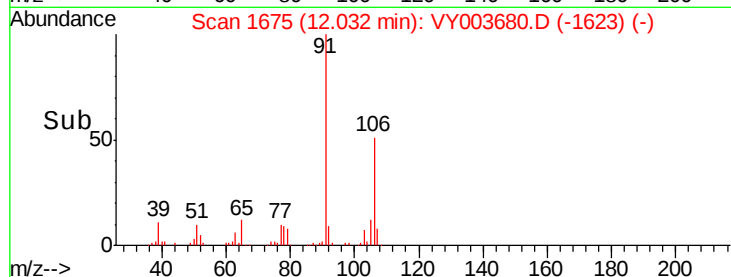
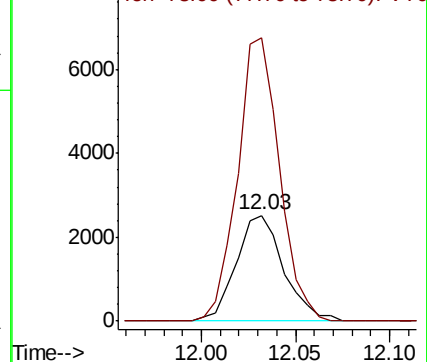
104 100

78 267.8 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: 13.774 ug/L

RT: 12.33 min Scan# 1724

Delta R.T. -0.00 min

Lab File: VY003680.D

Acq: 08 Dec 2020 15:39

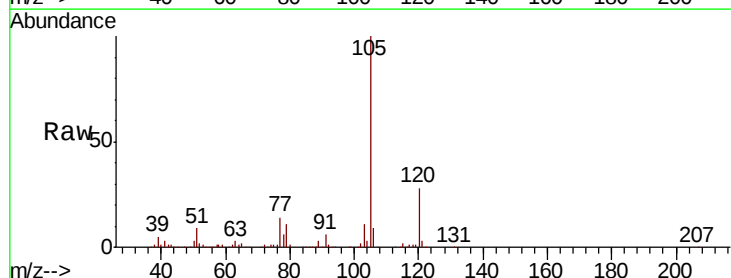
Tgt Ion:105 Resp: 198168

Ion Ratio Lower Upper

105 100

120 27.8 22.3 33.5

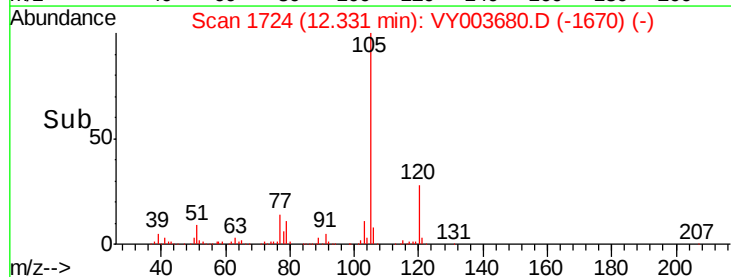
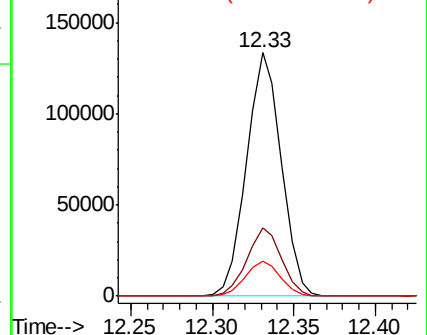
77 14.7 11.9 17.9

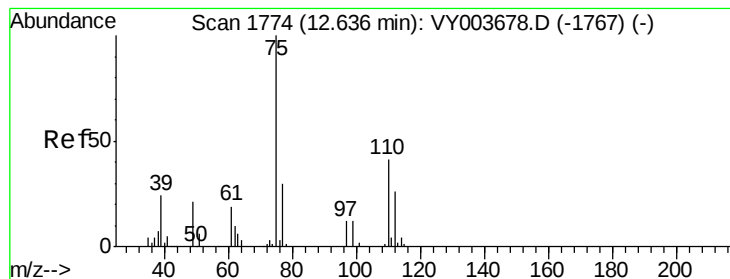


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): VY0





#59

1,2,3-Trichloropropane

Concen: 5.354 ug/L

RT: 13.43 min Scan# 1904

Delta R.T. 0.79 min

Lab File: VY003680.D

Acq: 08 Dec 2020 15:39

Instrument :

MSVOA_Y

ClientSampleId :

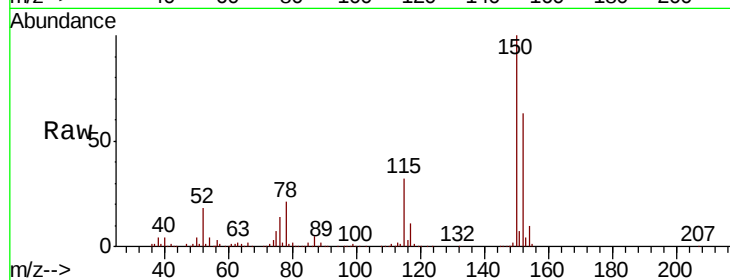
GB1G3

Tot Ion: 75 Resp: 14332

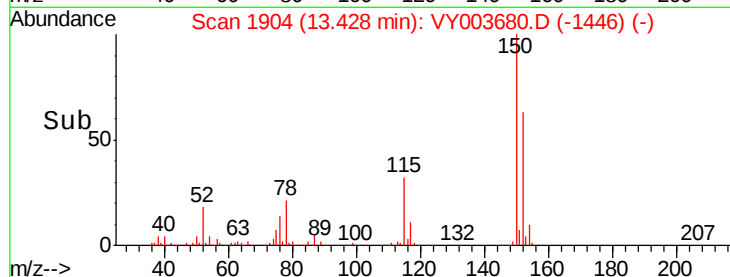
Ion Ratio Lower Upper

75 100

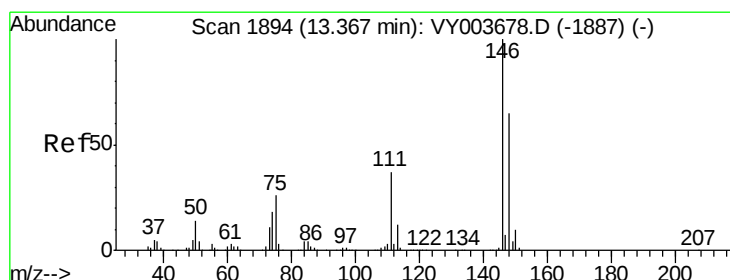
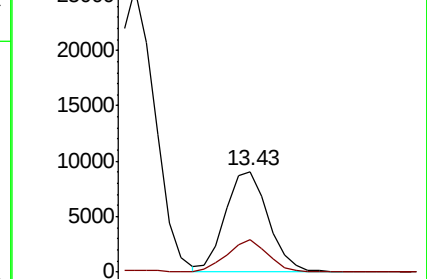
77 30.6 25.9 38.9



Abundance Ion 75.00 (74.70 to 75.70): VY003678.D (-1767) (-)



Ion 77.00 (76.70 to 77.70): VY003680.D (-1446) (-)



#63

1,3-Dichlorobenzene

Concen: 21.211 ug/L

RT: 13.37 min Scan# 1894

Delta R.T. -0.00 min

Lab File: VY003680.D

Acq: 08 Dec 2020 15:39

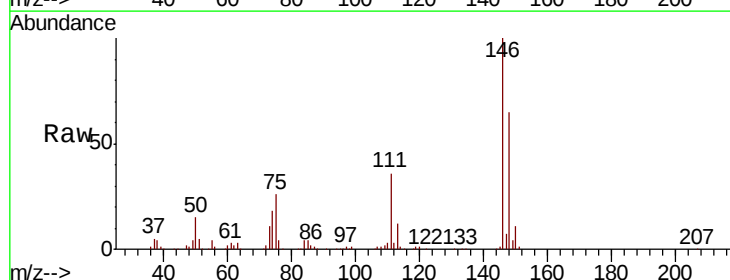
Tgt Ion: 146 Resp: 147314

Ion Ratio Lower Upper

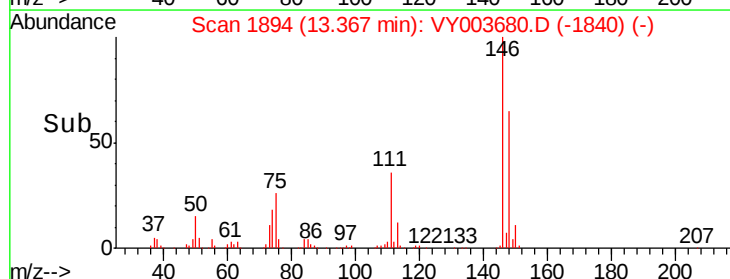
146 100

111 36.0 26.0 48.4

148 65.2 43.7 81.1

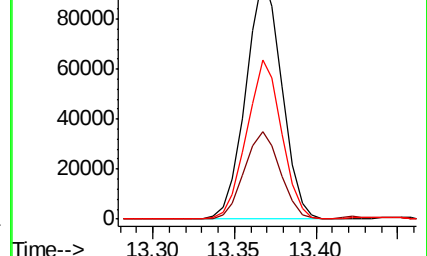


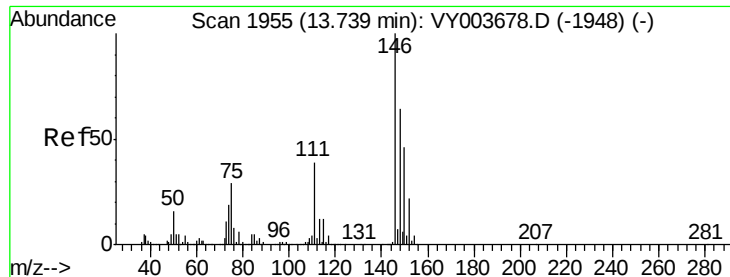
Abundance Ion 146.00 (145.70 to 146.70): VY003678.D (-1887) (-)



Ion 111.00 (110.70 to 111.70): VY003680.D (-1840) (-)

Ion 148.00 (147.70 to 148.70): VY003680.D (-1840) (-)

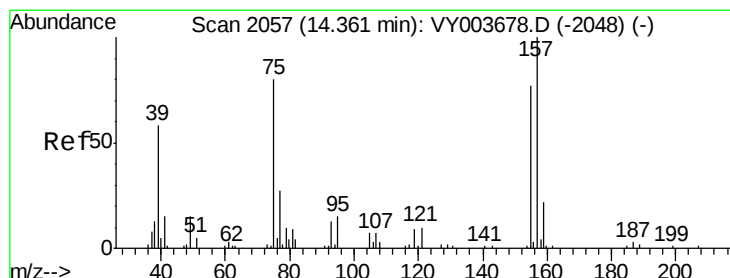
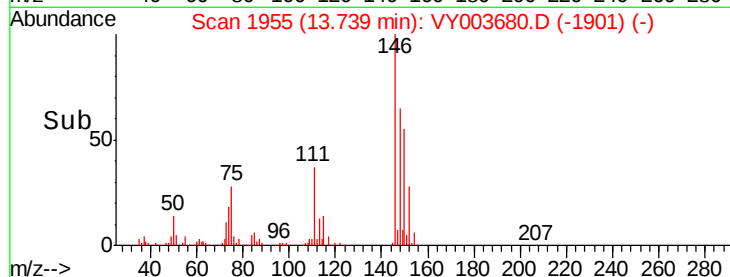
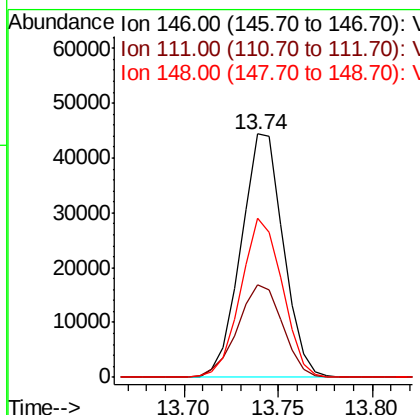
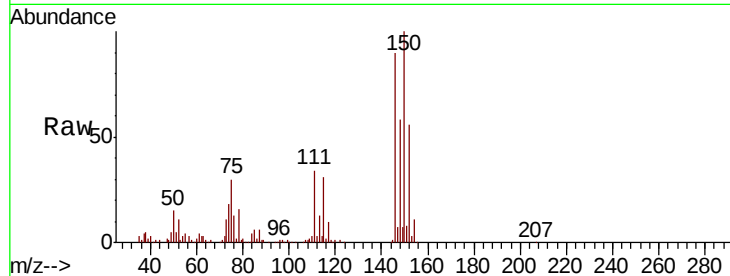




#65
 1,2-Dichlorobenzene
 Concen: 10.852 ug/L
 RT: 13.74 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VY003680.D
 Acq: 08 Dec 2020 15:39

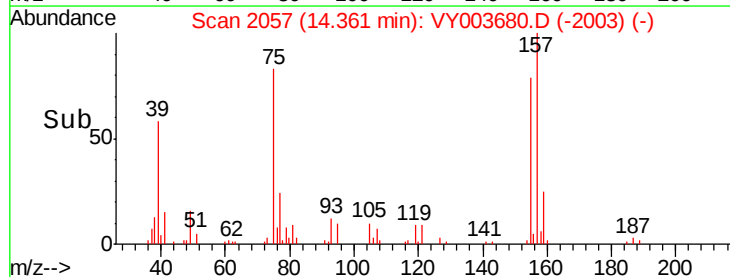
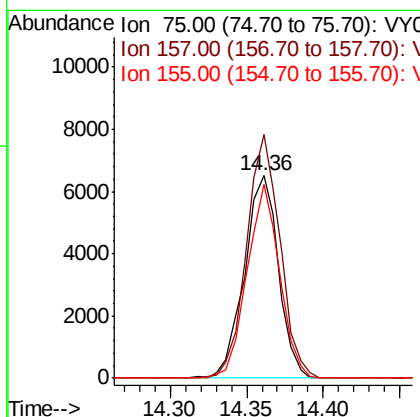
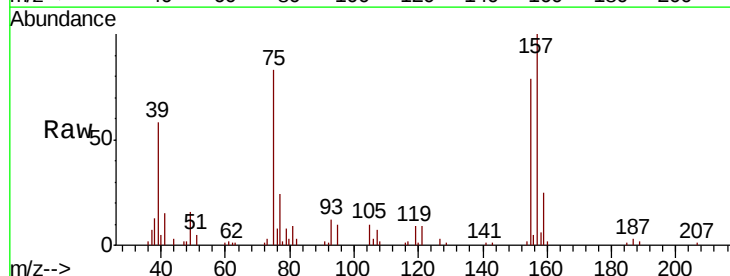
Instrument :
 MSVOA_Y
 ClientSampleId :
 GB1G3

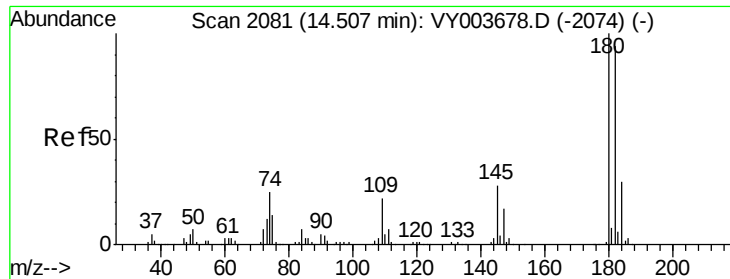
Tot Ion	146	Resp	69150
Ion Ratio	100	Lower	Upper
111	37.9	30.0	45.0
148	65.2	51.8	77.8



#66
 1,2-Dibromo-3-chloropropane
 Concen: 16.869 ug/L
 RT: 14.36 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VY003680.D
 Acq: 08 Dec 2020 15:39

Tgt Ion	75	Resp	10013
Ion Ratio	100	Lower	Upper
157	120.4	101.3	151.9
155	95.6	76.2	114.4

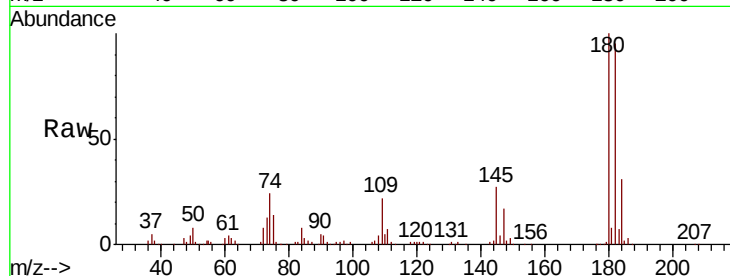




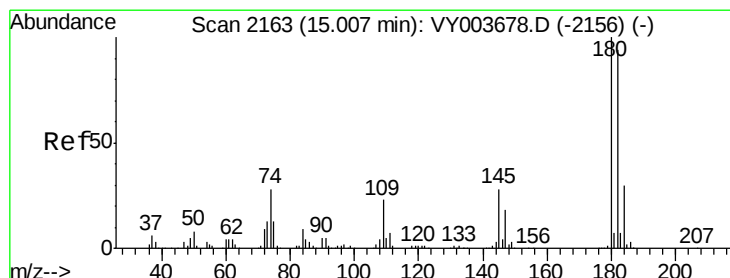
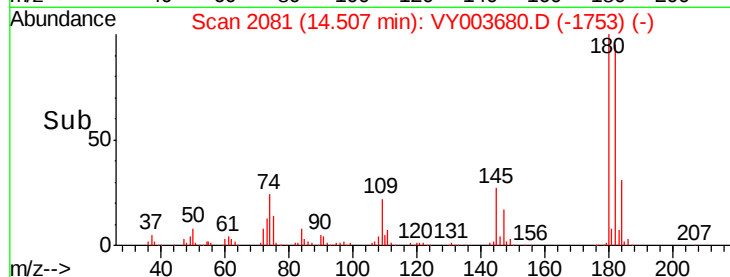
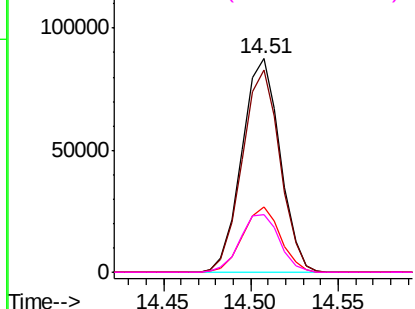
#67
 1,3,5-Trichlorobenzene
 Concen: 27.137 ug/L
 RT: 14.51 min Scan# 2081
 Delta R.T. -0.00 min
 Lab File: VY003680.D
 Acq: 08 Dec 2020 15:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 GB1G3

Tot Ion:180	Resp:	133251
Ion Ratio	Lower	Upper
180	100	
182	93.9	76.0 114.0
184	30.2	24.2 36.2
145	27.7	22.2 33.2

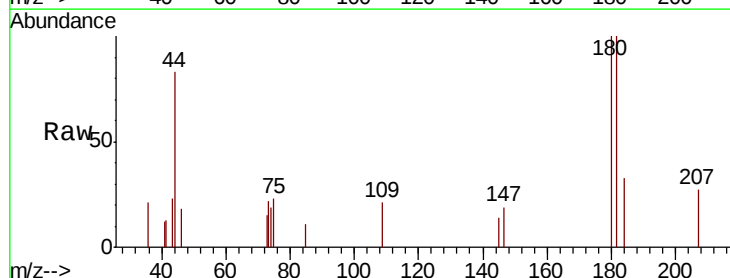


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

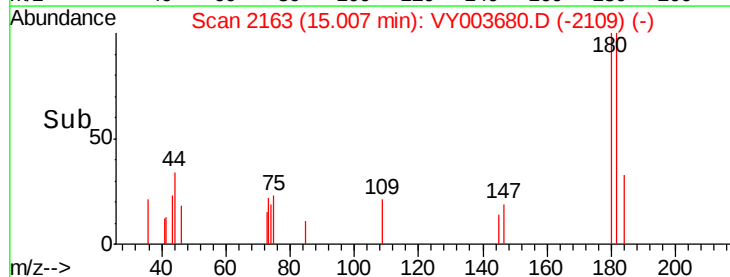
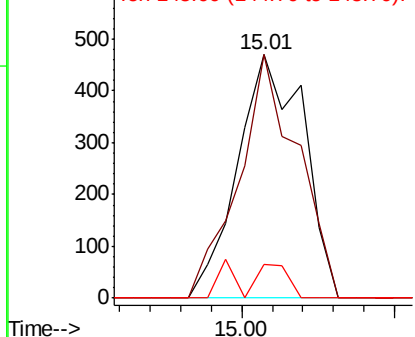


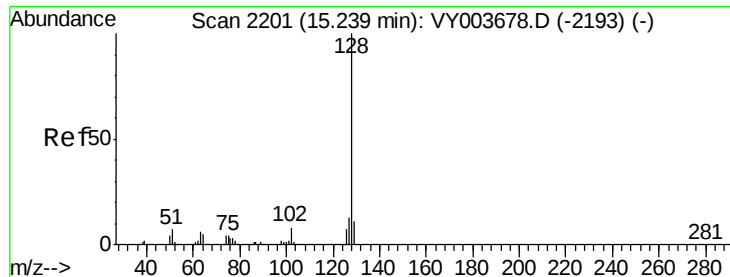
#68
 1,2,4-trichlorobenzene
 Concen: 0.168 ug/L
 RT: 15.01 min Scan# 2163
 Delta R.T. -0.00 min
 Lab File: VY003680.D
 Acq: 08 Dec 2020 15:39

Tgt Ion:180	Resp:	702
Ion Ratio	Lower	Upper
180	100	
182	89.9	76.5 114.7
145	6.6	22.2 33.4#



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





#69

Naphthalene

Concen: 0.160 ug/L

RT: 15.24 min Scan# 2201

Delta R.T. -0.00 min

Lab File: VY003680.D

Acq: 08 Dec 2020 15:39

Instrument :

MSVOA_Y

ClientSampleId :

GB1G3

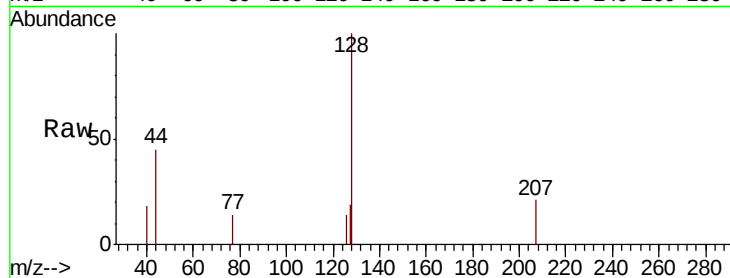
Tot Ion:128 Resp: 1404

Ion Ratio Lower Upper

128 100

129 4.1 8.7 13.1#

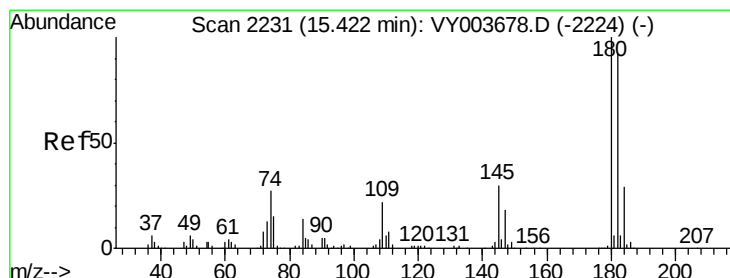
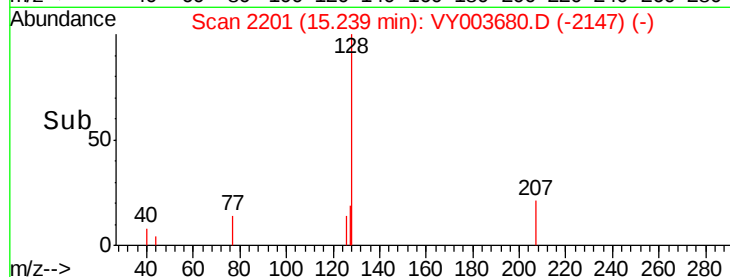
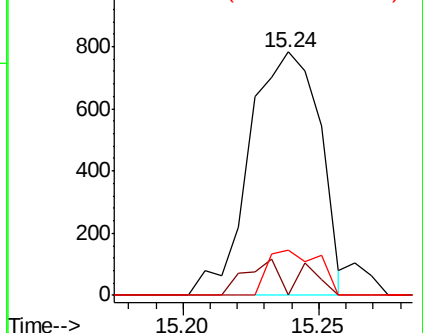
127 13.5 10.2 15.4



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#70

1,2,3-Trichlorobenzene

Concen: 0.170 ug/L

RT: 15.43 min Scan# 2233

Delta R.T. 0.01 min

Lab File: VY003680.D

Acq: 08 Dec 2020 15:39

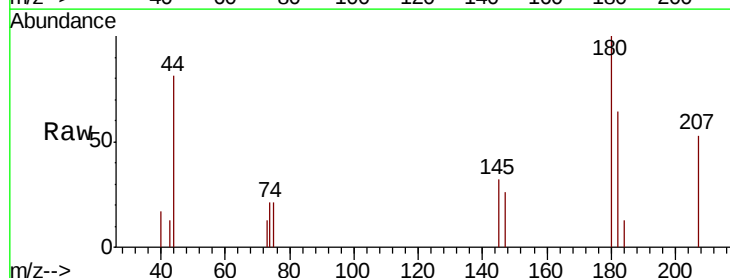
Tgt Ion:180 Resp: 649

Ion Ratio Lower Upper

180 100

182 98.0 76.9 115.3

145 19.3 24.2 36.4#



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

