

Data File : VY003596.D
Acq On : 23 Nov 2020 16:57
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00G/10ML/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VBLK84

Quant Time: Nov 24 07:20:02 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYL112320SMA.M
Quant Title : VOC Analysis
QLast Update : Mon Nov 23 12:08:47 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.69	114	215095	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	196181	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.42	152	100209	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	74635	24.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.36%
7) Chloroethane-d5	2.77	69	58926	23.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.60%
11) 1,1-Dichloroethene-d2	3.85	63	159838	24.84	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	99.36%
21) 2-Butanone-d5	6.90	46	64716	49.85	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.70%
24) Chloroform-d	7.48	84	155706	25.59	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.36%
26) 1,2-Dichloroethane-d4	8.14	65	84907	25.22	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.88%
32) Benzene-d6	8.11	84	321577	25.76	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.04%
36) 1,2-Dichloropropane-d6	9.12	67	94983	25.05	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.20%
41) Toluene-d8	10.17	98	292040	26.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.36%
43) trans-1,3-Dichloropropene-	10.44	79	46284	25.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.88%
47) 2-Hexanone-d5	10.78	63	51515	53.47	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.94%
56) 1,1,2,2-Tetrachloroethane-	12.56	84	83882	25.60	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.40%
66) 1,2-Dichlorobenzene-d4	13.72	152	88835	25.56	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.24%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.92	85	27564	23.970 ug/L	96
3) Chloromethane	2.12	50	55052	25.302 ug/L	92
5) Vinyl chloride	2.26	62	77870	25.404 ug/L	99
6) Bromomethane	2.66	94	54757	24.403 ug/L	100
8) Chloroethane	2.80	64	47976	25.036 ug/L	98
9) Trichlorofluoromethane	3.13	101	60153	26.878 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	3.91	101	76626	26.101 ug/L	98
12) 1,1-Dichloroethene	3.87	96	79104	25.334 ug/L	95
13) Acetone	3.97	43	40379	46.604 ug/L	96
14) Carbon disulfide	4.20	76	252205	25.411 ug/L	100
15) Methyl Acetate	4.49	43	53974	23.461 ug/L	99
16) Methylene chloride	4.72	84	87283	20.750 ug/L	97
17) trans-1,2-Dichloroethene	5.22	96	83641	25.291 ug/L	94
18) Methyl tert-butyl Ether	5.22	73	124834	25.377 ug/L	99
19) 1,1-Dichloroethane	6.02	63	143776	25.564 ug/L	99
20) cis-1,2-Dichloroethene	6.99	96	87460	25.360 ug/L	98
22) 2-Butanone	7.00	43	69139	47.012 ug/L	98

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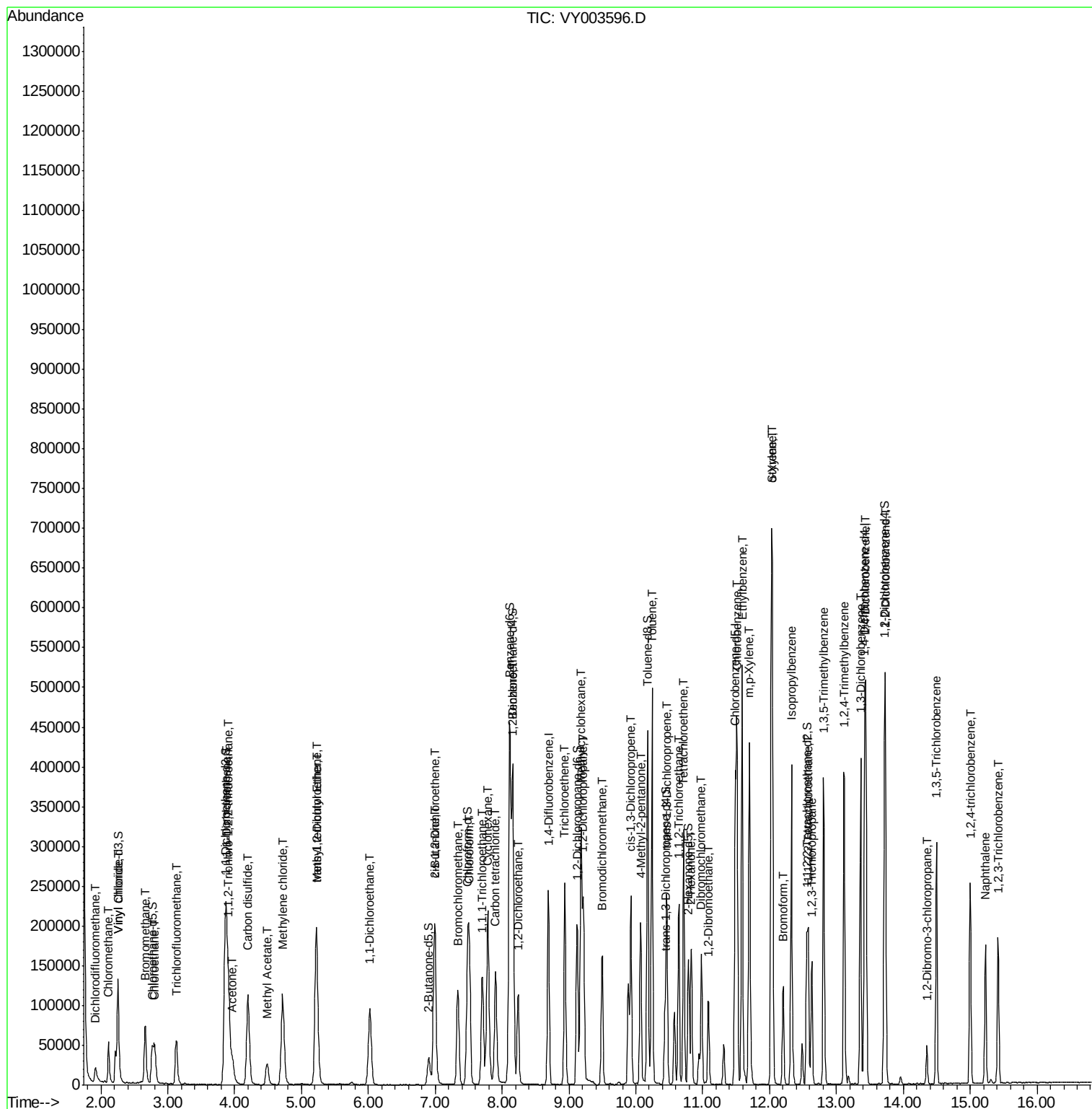
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.34	128	41432	25.024	ug/L	98
25) Chloroform	7.51	83	143239	25.653	ug/L	95
27) 1,2-Dichloroethane	8.24	62	95636	25.437	ug/L	98
29) Cyclohexane	7.78	56	128096	26.586	ug/L	99
30) 1,1,1-Trichloroethane	7.71	97	111223	26.226	ug/L	100
31) Carbon tetrachloride	7.90	117	106318	25.635	ug/L	97
33) Benzene	8.16	78	333289	25.888	ug/L	100
34) Trichloroethene	8.94	95	82371	25.805	ug/L	98
35) Methylcyclohexane	9.18	83	127039	25.347	ug/L	95
37) 1,2-Dichloropropane	9.22	63	83316	25.554	ug/L	100
38) Bromodichloromethane	9.50	83	105068	25.399	ug/L	97
39) cis-1,3-Dichloropropene	9.92	75	132905	26.377	ug/L	97
40) 4-Methyl-2-pentanone	10.07	43	137038	50.021	ug/L	100
42) Toluene	10.24	91	354341	26.195	ug/L	98
44) trans-1,3-Dichloropropene	10.46	75	121835	26.078	ug/L	97
45) 1,1,2-Trichloroethane	10.64	97	68061	25.798	ug/L	97
46) Tetrachloroethene	10.72	164	73340	26.217	ug/L	96
48) 2-Hexanone	10.83	43	107881	50.862	ug/L	98
49) Dibromochloromethane	10.98	129	81324	26.295	ug/L	97
50) 1,2-Dibromoethane	11.08	107	66602	25.791	ug/L	98
51) Chlorobenzene	11.51	112	225141	26.158	ug/L	98
52) Ethylbenzene	11.59	91	367817	26.649	ug/L	98
53) m,p-Xylene	11.70	106	143072	26.860	ug/L	93
54) o-Xylene	12.03	106	118977	26.428	ug/L	98
55) Styrene	12.04	104	238825	27.126	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.58	83	79316	24.972	ug/L	96
59) Bromoform	12.20	173	53889	25.280	ug/L	99
60) Isopropylbenzene	12.33	105	263671	26.071	ug/L	100
61) 1,2,3-Trichloropropane	12.63	75	60443	24.817	ug/L	99
62) 1,3,5-Trimethylbenzene	12.81	105	196460	26.415	ug/L	99
63) 1,2,4-Trimethylbenzene	13.11	105	209646	26.588	ug/L	100
64) 1,3-Dichlorobenzene	13.36	146	168457	26.226	ug/L	98
65) 1,4-Dichlorobenzene	13.44	146	170116	25.436	ug/L	98
67) 1,2-Dichlorobenzene	13.73	146	139376	25.672	ug/L	98
68) 1,2-Dibromo-3-chloropropan	14.35	75	10349	23.722	ug/L	96
69) 1,3,5-Trichlorobenzene	14.50	180	90325	26.064	ug/L	99
70) 1,2,4-trichlorobenzene	15.00	180	77337	25.797	ug/L	100
71) Naphthalene	15.23	128	138854	25.641	ug/L	99
72) 1,2,3-Trichlorobenzene	15.42	180	59475	26.251	ug/L	98

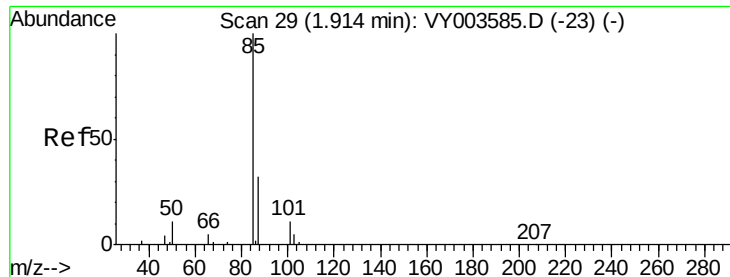
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 23.970 ug/L

RT: 1.92 min Scan# 30

Delta R.T. 0.01 min

Lab File: VY003596.D

Acq: 23 Nov 2020 16:57

Instrument :

MSVOA_Y

ClientSampled :

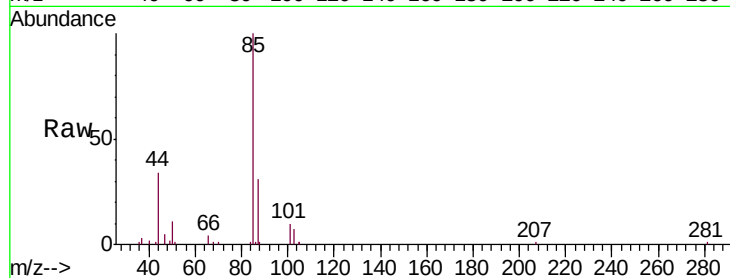
VBLK84

Tgt Ion: 85 Resp: 27564

Ion Ratio Lower Upper

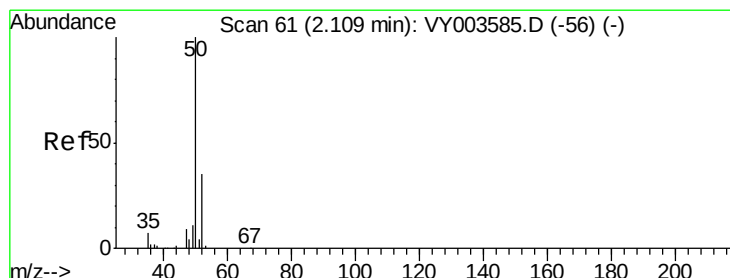
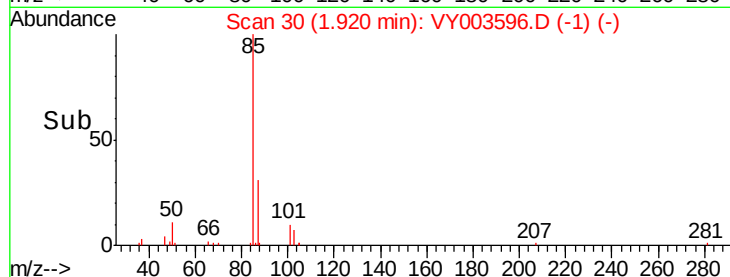
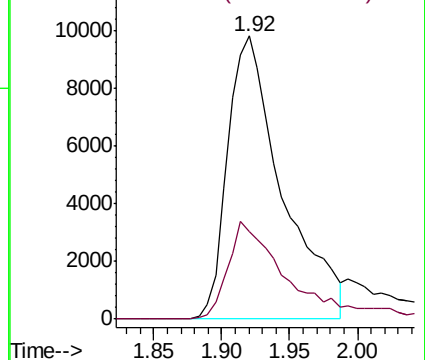
85 100

87 36.2 27.2 40.8



Abundance Ion 85.00 (84.70 to 85.70): VY0

Ion 87.00 (86.70 to 87.70): VY0



#3

Chloromethane

Concen: 25.302 ug/L

RT: 2.12 min Scan# 62

Delta R.T. 0.01 min

Lab File: VY003596.D

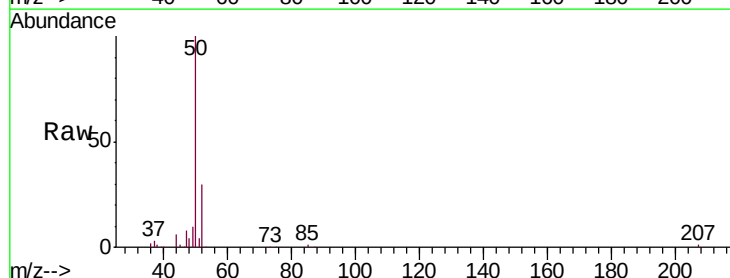
Acq: 23 Nov 2020 16:57

Tgt Ion: 50 Resp: 55052

Ion Ratio Lower Upper

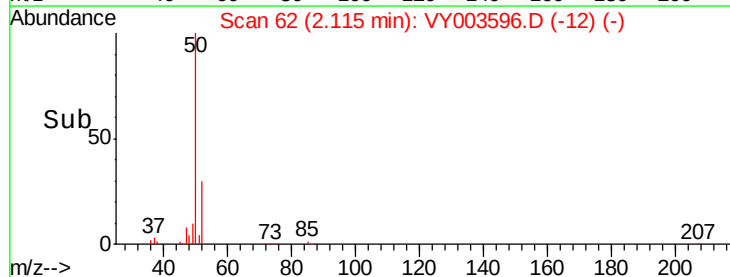
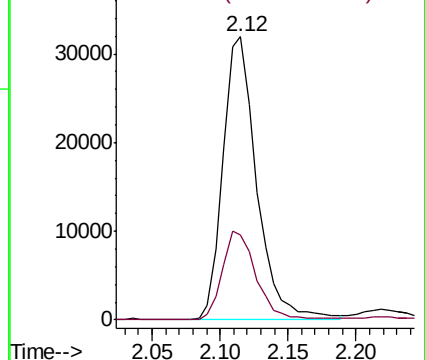
50 100

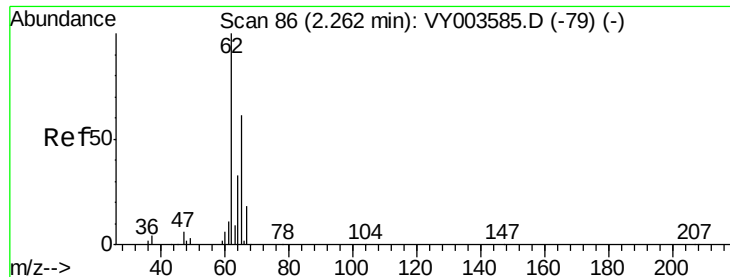
52 30.1 24.4 45.4



Abundance Ion 50.00 (49.70 to 50.70): VY0

Ion 52.00 (51.70 to 52.70): VY0





#5

Vinyl chloride

Concen: 25.404 ug/L

RT: 2.26 min Scan# 86

Delta R.T. -0.00 min

Lab File: VY003596.D

Acq: 23 Nov 2020 16:57

Instrument :

MSVOA_Y

ClientSampleId :

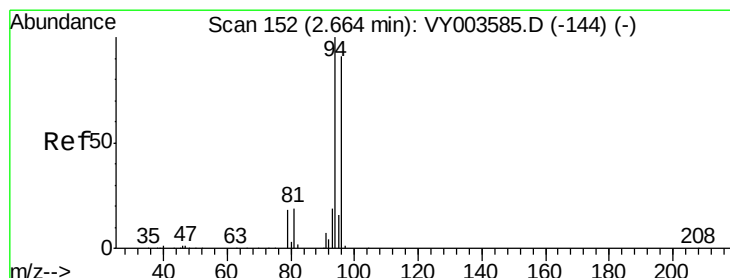
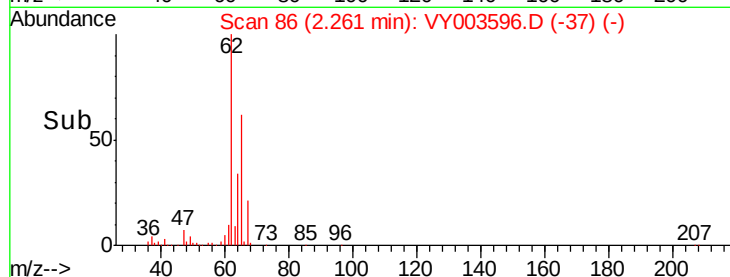
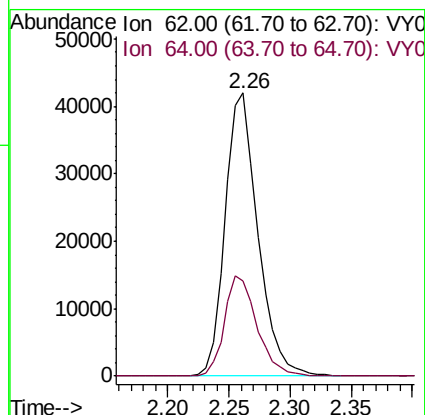
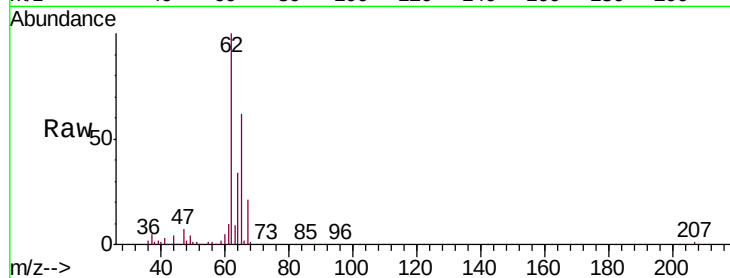
VBLK84

Tgt Ion: 62 Resp: 77870

Ion Ratio Lower Upper

62 100

64 33.6 23.0 42.6



#6

Bromomethane

Concen: 24.403 ug/L

RT: 2.66 min Scan# 152

Delta R.T. -0.00 min

Lab File: VY003596.D

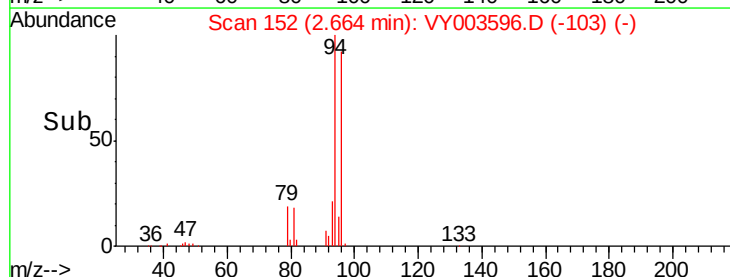
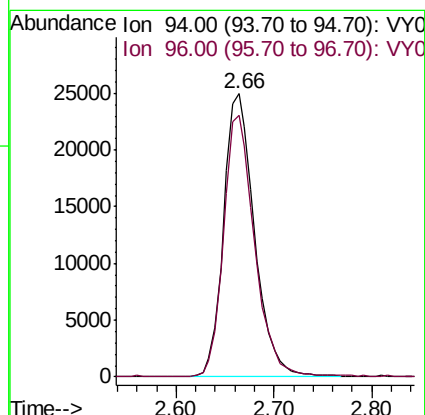
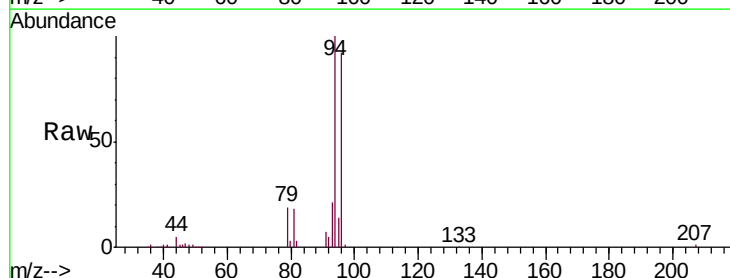
Acq: 23 Nov 2020 16:57

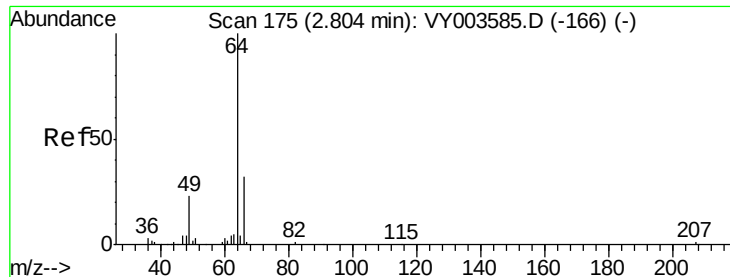
Tgt Ion: 94 Resp: 54757

Ion Ratio Lower Upper

94 100

96 92.4 64.5 119.7

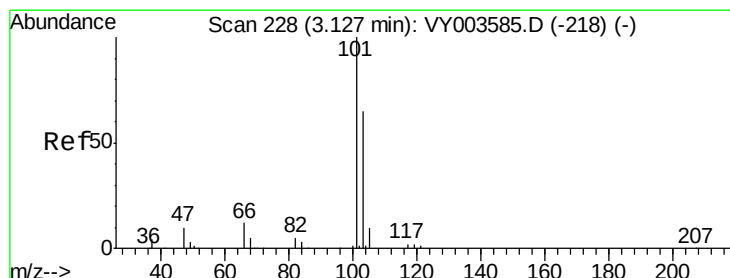
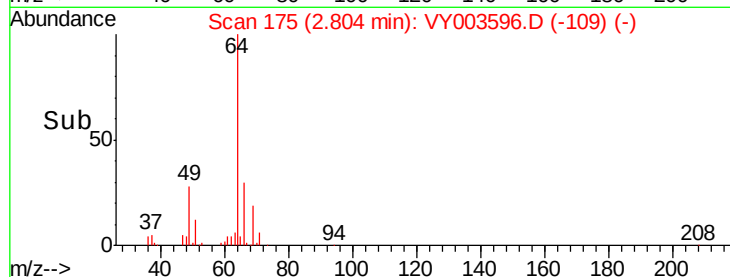
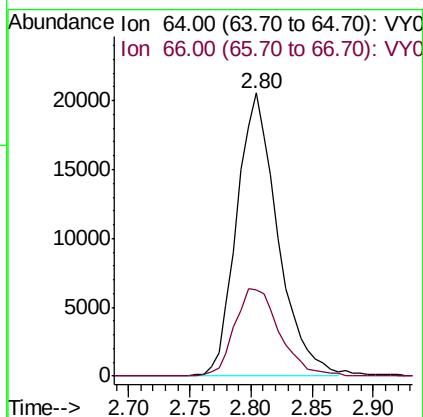
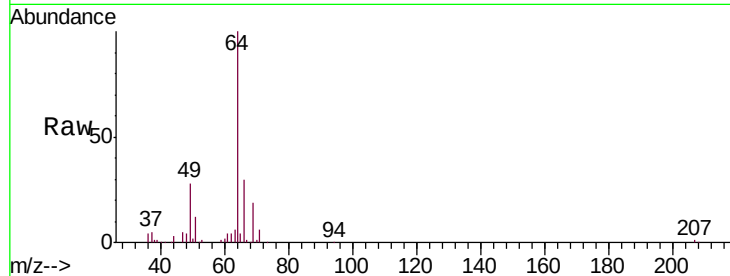




#8
Chloroethane
Concen: 25.036 ug/L
RT: 2.80 min Scan# 175
Delta R.T. -0.00 min
Lab File: VY003596.D
Acq: 23 Nov 2020 16:57

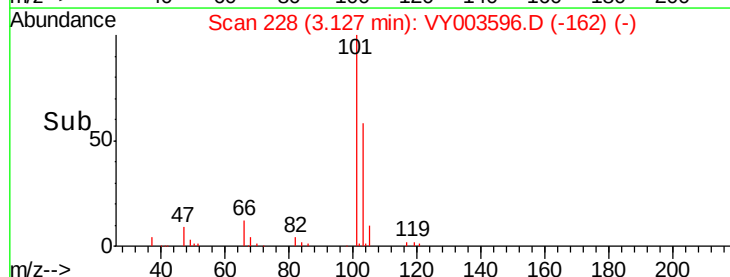
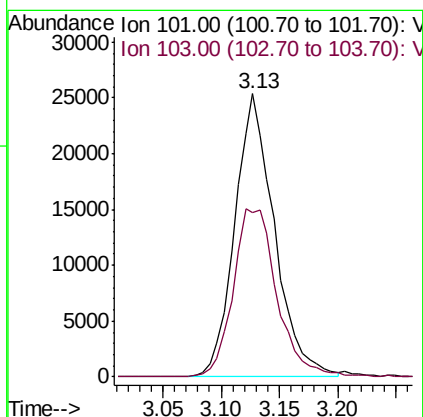
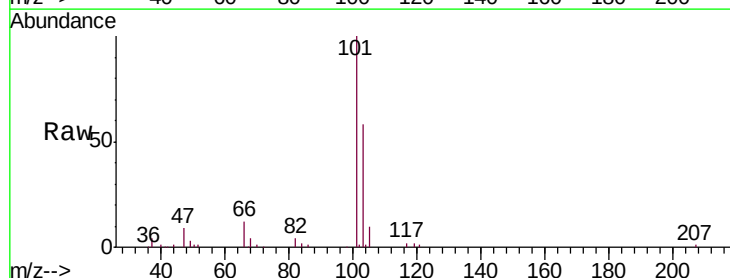
Instrument :
MSVOA_Y
ClientSampleId :
VBLK84

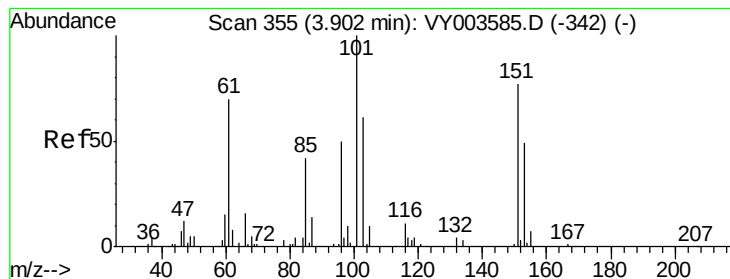
Tgt Ion: 64 Resp: 47976
Ion Ratio Lower Upper
64 100
66 30.5 22.2 41.2



#9
Trichlorofluoromethane
Concen: 26.878 ug/L
RT: 3.13 min Scan# 228
Delta R.T. -0.00 min
Lab File: VY003596.D
Acq: 23 Nov 2020 16:57

Tgt Ion: 101 Resp: 60153
Ion Ratio Lower Upper
101 100
103 65.2 54.0 81.0





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 26.101 ug/L

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY003596.D

Acq: 23 Nov 2020 16:57

Instrument :

MSVOA_Y

ClientSampleId :

VBLK84

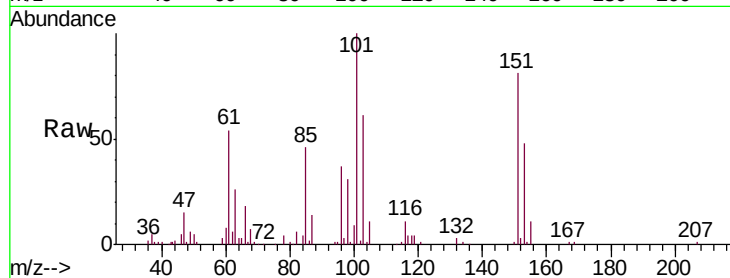
Tgt Ion:101 Resp: 76626

Ion Ratio Lower Upper

101 100

85 43.0 34.1 51.1

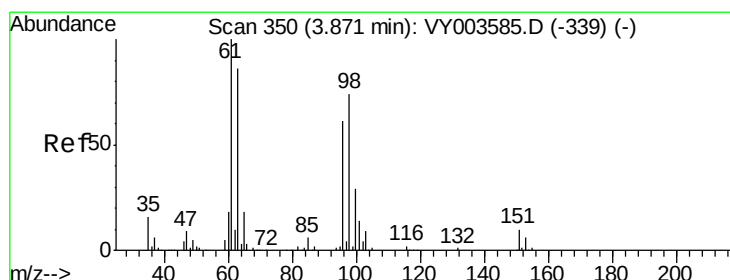
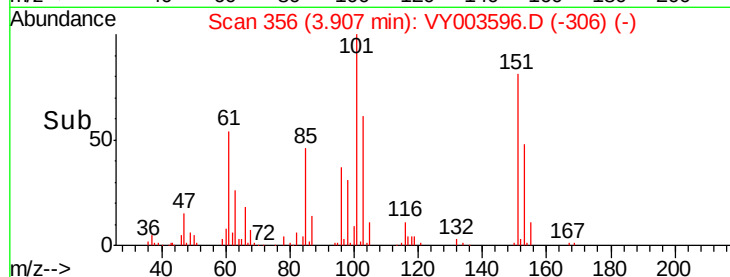
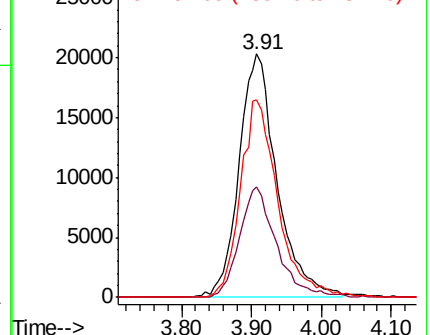
151 78.1 60.6 90.8



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VY0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 25.334 ug/L

RT: 3.87 min Scan# 350

Delta R.T. -0.00 min

Lab File: VY003596.D

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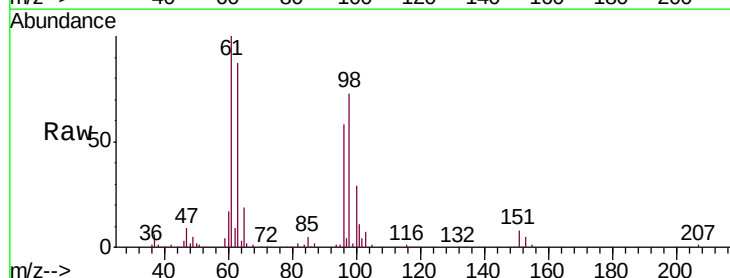
Tgt Ion: 96 Resp: 79104

Ion Ratio Lower Upper

96 100

61 171.0 114.5 212.7

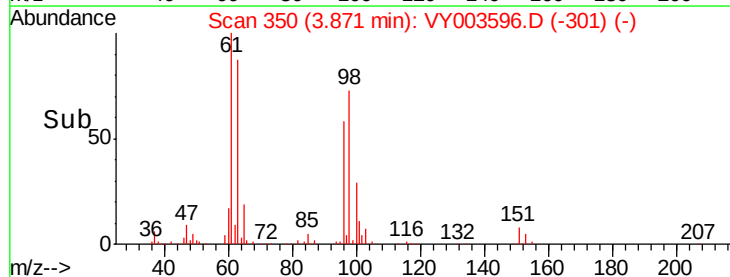
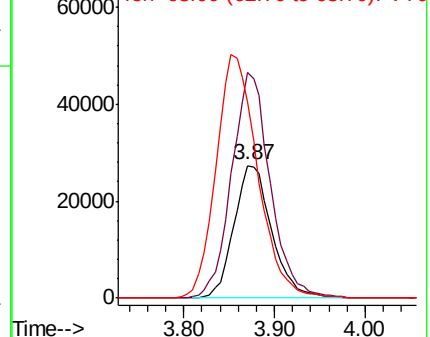
63 148.2 100.8 187.2

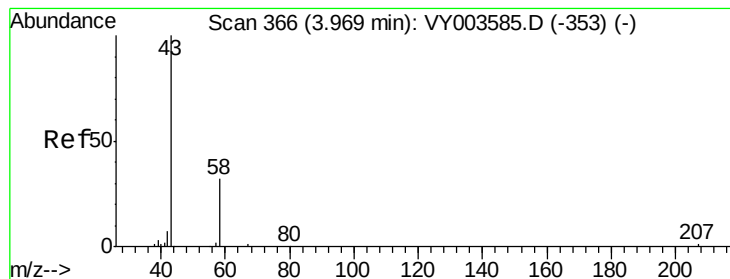


Abundance Ion 96.00 (95.70 to 96.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

Ion 63.00 (62.70 to 63.70): VY0





#13

Acetone

Concen: 46.604 ug/L

RT: 3.97 min Scan# 366

Delta R.T. -0.00 min

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MSVOA_Y

ClientSampled :

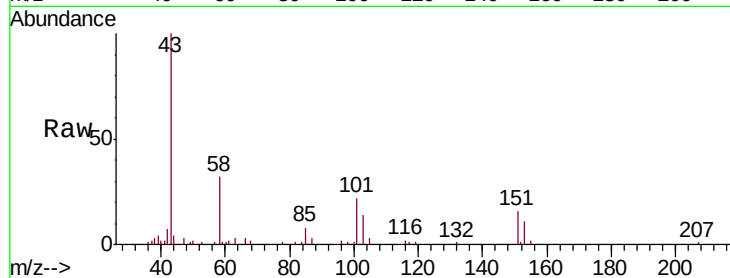
VBLK84

Tgt Ion: 43 Resp: 40379

Ion Ratio Lower Upper

43 100

58 31.7 0.0 68.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

3.97

10000

5000

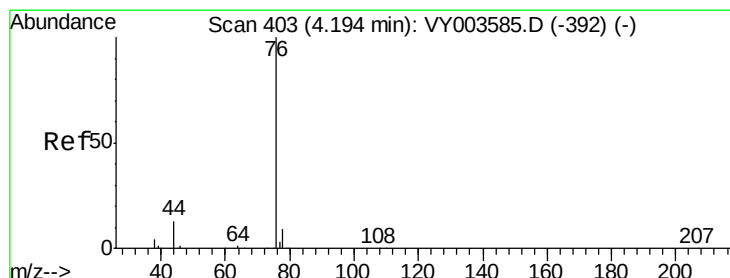
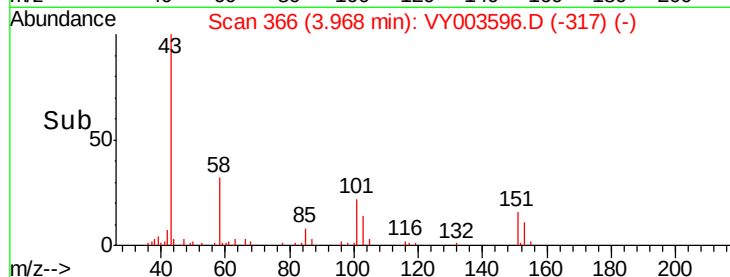
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Time-->

3.90

4.00

4.10



#14

Carbon disulfide

Concen: 25.411 ug/L

RT: 4.20 min Scan# 404

Delta R.T. 0.01 min

Lab File: VY003596.D

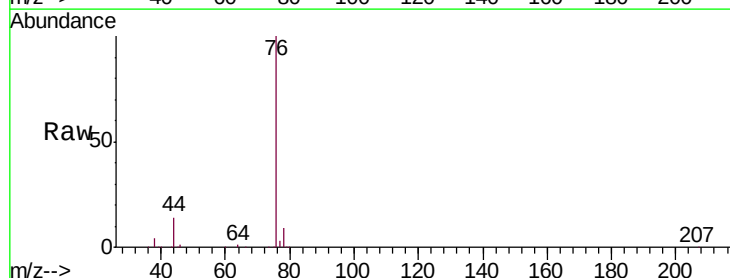
Acq: 23 Nov 2020 16:57

Tgt Ion: 76 Resp: 252205

Ion Ratio Lower Upper

76 100

78 9.1 7.1 10.7



Abundance Ion 76.00 (75.70 to 76.70): VY0

Ion 78.00 (77.70 to 78.70): VY0

100000

80000

60000

40000

20000

0

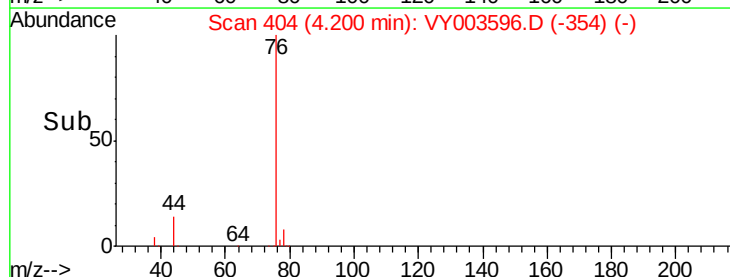
Time-->

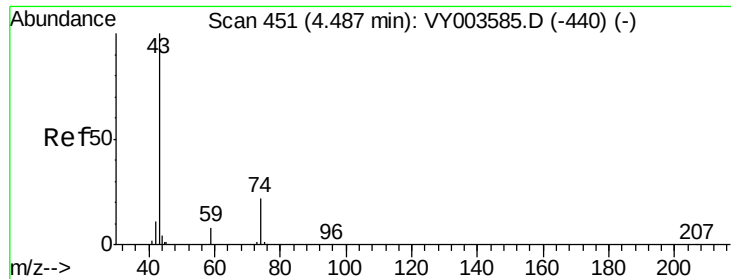
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4.20

4.30

4.40

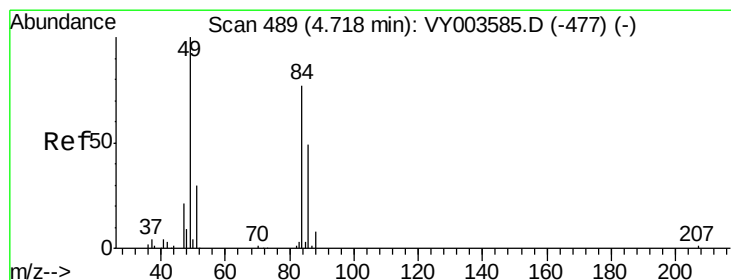
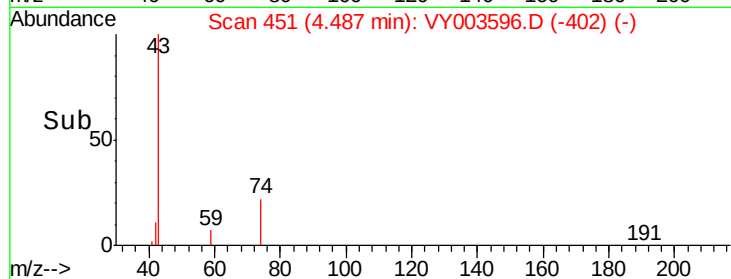
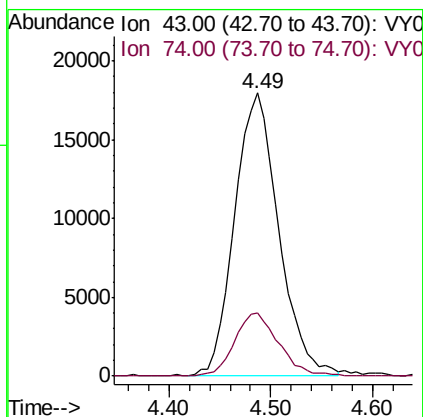
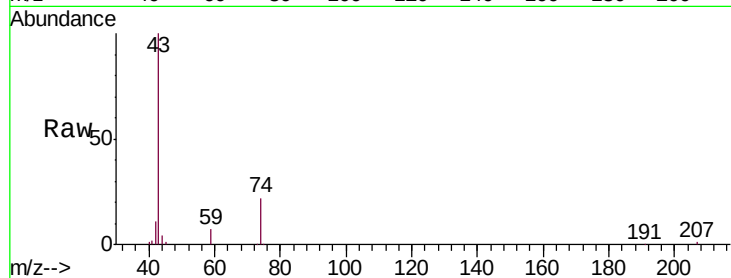




#15
Methyl Acetate
Concen: 23.461 ug/L
RT: 4.49 min Scan# 451
Delta R.T. -0.00 min
Lab File: VY003596.D
Acq: 23 Nov 2020 16:57

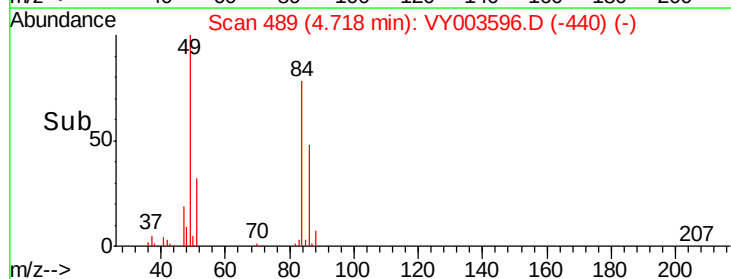
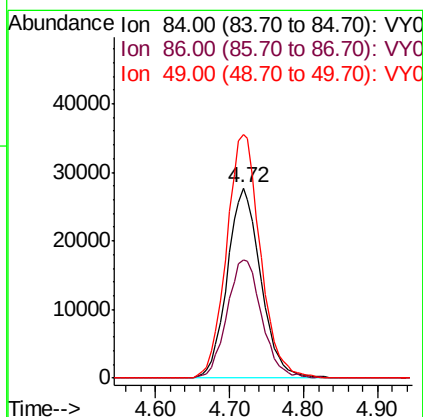
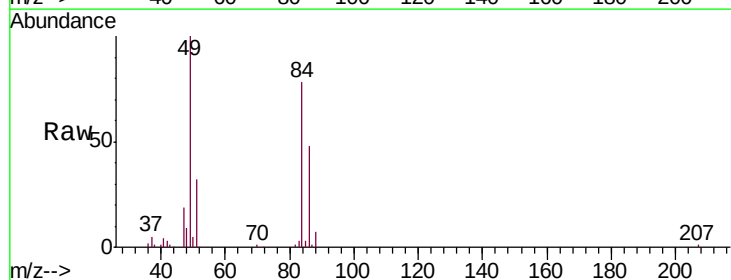
Instrument :
MSVOA_Y
ClientSampleId :
VBLK84

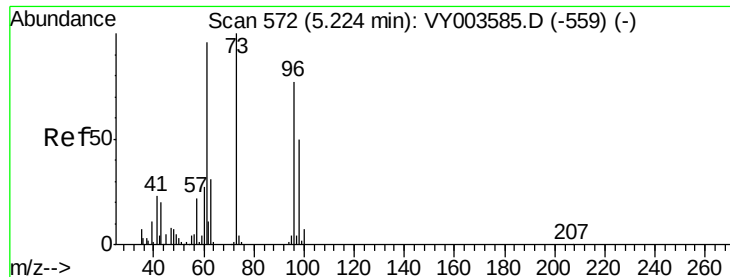
Tgt Ion: 43 Resp: 53974
Ion Ratio Lower Upper
43 100
74 22.2 18.0 27.0



#16
Methylene chloride
Concen: 20.750 ug/L
RT: 4.72 min Scan# 489
Delta R.T. -0.00 min
Lab File: VY003596.D
Acq: 23 Nov 2020 16:57

Tgt Ion: 84 Resp: 87283
Ion Ratio Lower Upper
84 100
86 61.9 45.2 84.0
49 127.9 91.5 169.9

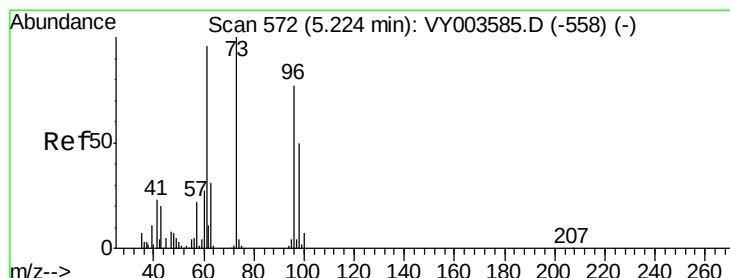
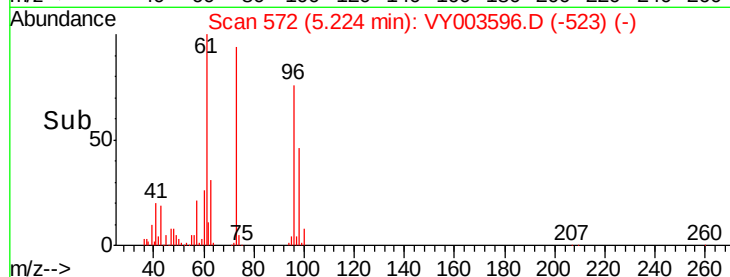
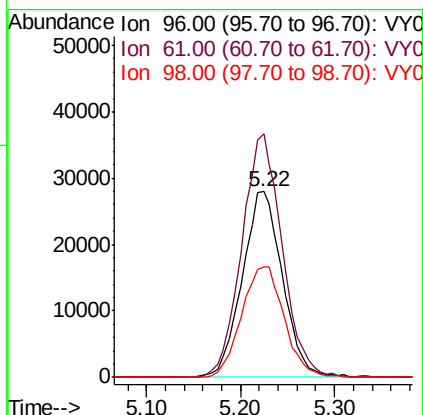
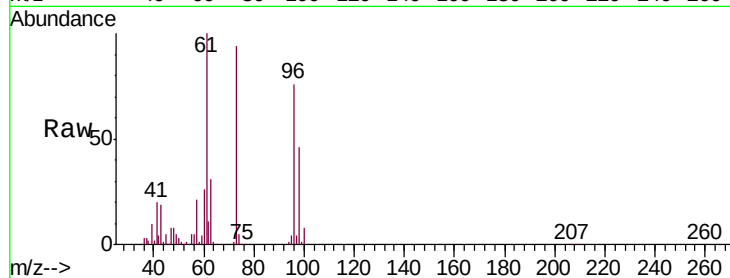




#17
 trans-1,2-Dichloroethene
 Concen: 25.291 ug/L
 RT: 5.22 min Scan# 572
 Delta R.T. -0.00 min
 Lab File: VY003596.D
 Acq: 23 Nov 2020 16:57

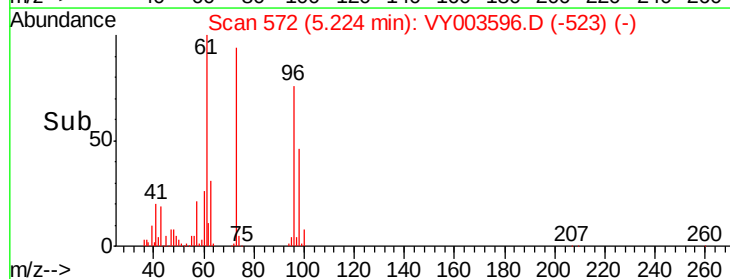
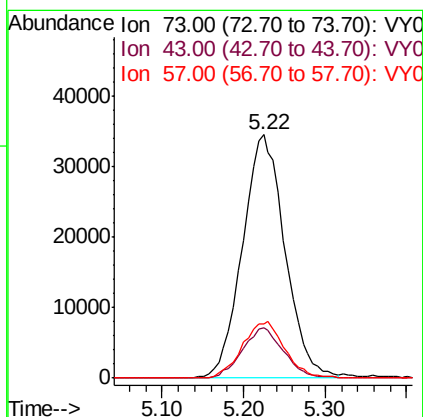
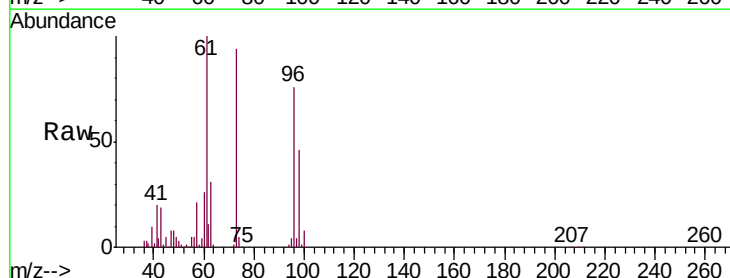
Instrument :
 MSVOA_Y
 ClientSampleId :
 VBLK84

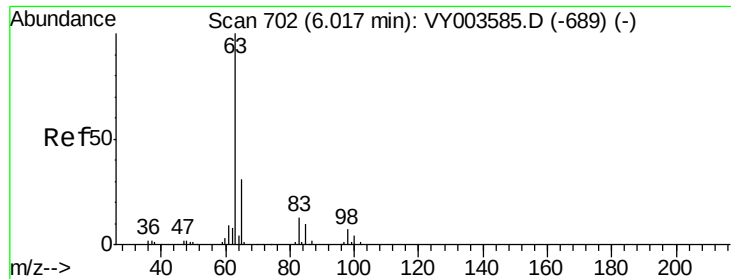
Tgt Ion: 96 Resp: 83641
 Ion Ratio Lower Upper
 96 100
 61 131.0 87.2 161.9
 98 59.7 45.2 84.0



#18
 Methyl tert-butyl Ether
 Concen: 25.377 ug/L
 RT: 5.22 min Scan# 572
 Delta R.T. -0.00 min
 Lab File: VY003596.D
 Acq: 23 Nov 2020 16:57

Tgt Ion: 73 Resp: 124834
 Ion Ratio Lower Upper
 73 100
 43 20.3 15.5 23.3
 57 23.0 18.2 27.4

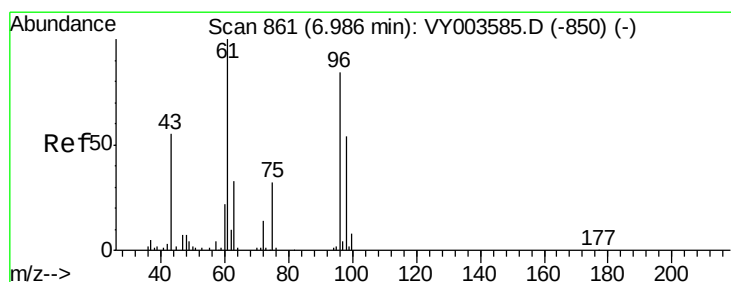
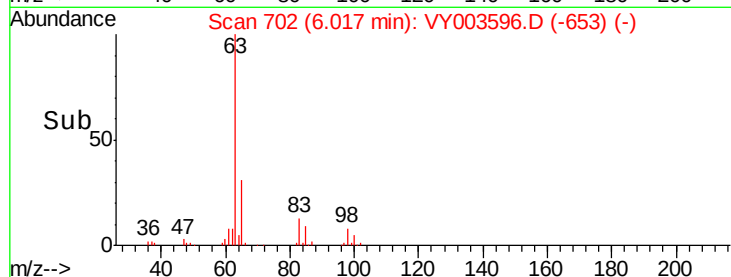
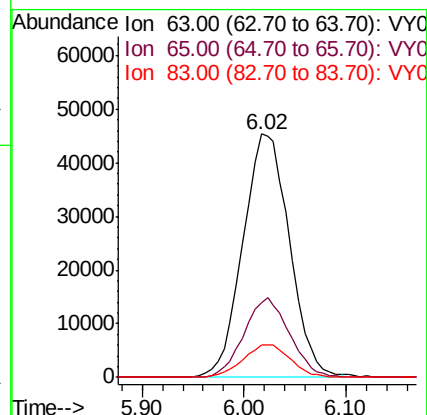
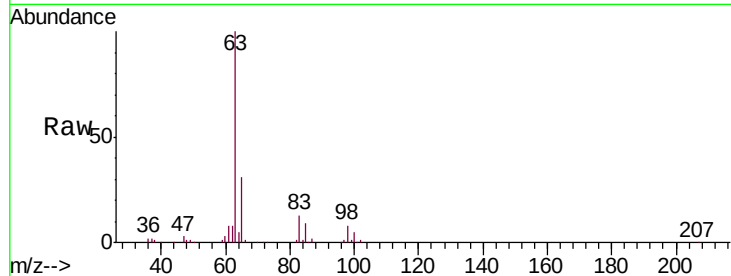




#19
 1,1-Dichloroethane
 Concen: 25.564 ug/L
 RT: 6.02 min Scan# 702
 Delta R.T. -0.00 min
 Lab File: VY003596.D
 Acq: 23 Nov 2020 16:57

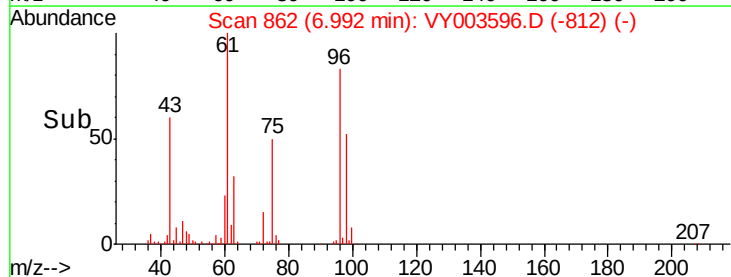
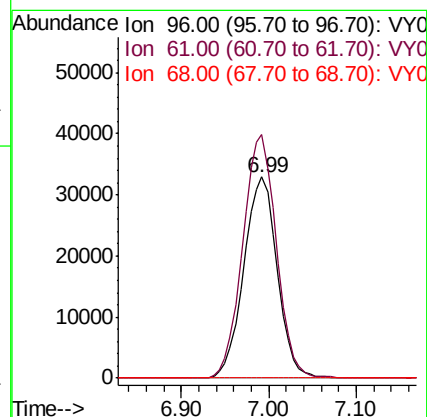
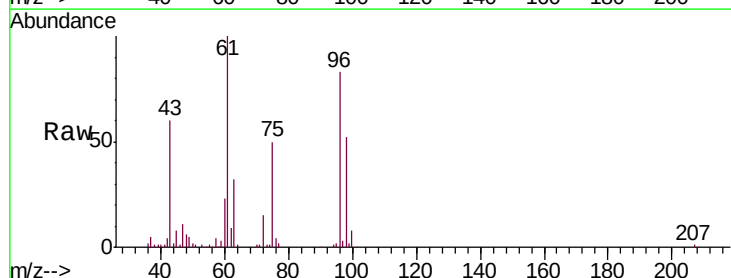
Instrument :
 MSVOA_Y
 ClientSampleId :
 VBLK84

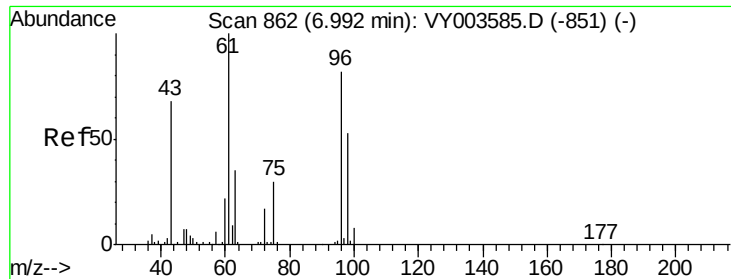
Tgt Ion: 63 Resp: 143776
 Ion Ratio Lower Upper
 63 100
 65 30.5 21.7 40.3
 83 13.2 8.9 16.5



#20
 cis-1,2-Dichloroethene
 Concen: 25.360 ug/L
 RT: 6.99 min Scan# 862
 Delta R.T. 0.01 min
 Lab File: VY003596.D
 Acq: 23 Nov 2020 16:57

Tgt Ion: 96 Resp: 87460
 Ion Ratio Lower Upper
 96 100
 61 121.2 83.7 155.4
 68 0.0 0.0 0.0





#22

2-Butanone

Concen: 47.012 ug/L

RT: 7.00 min Scan# 863

Delta R.T. 0.01 min

Lab File: VY003596.D

Acq: 23 Nov 2020 16:57

Instrument :

MSVOA_Y

ClientSampled :

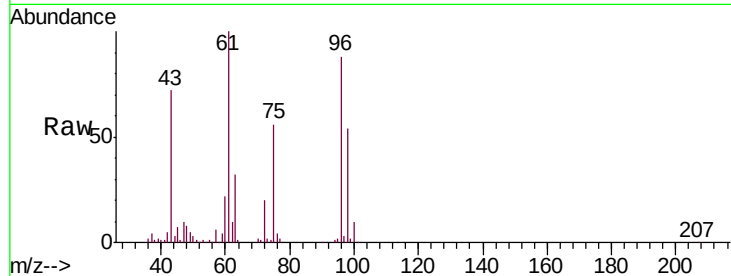
VBLK84

Tgt Ion: 43 Resp: 69139

Ion Ratio Lower Upper

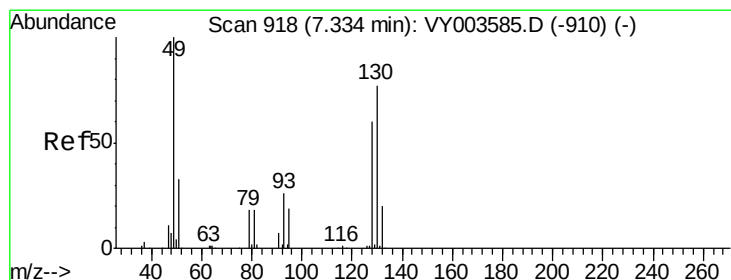
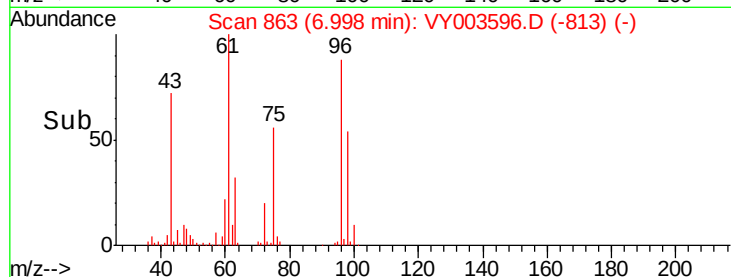
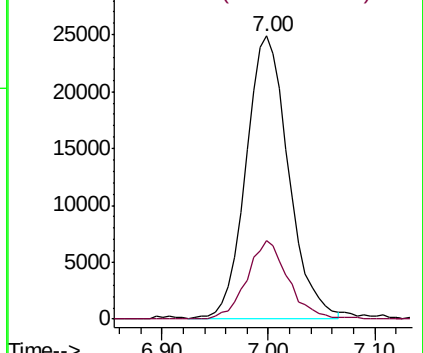
43 100

72 26.9 13.0 38.9



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#23

Bromochloromethane

Concen: 25.024 ug/L

RT: 7.34 min Scan# 919

Delta R.T. 0.01 min

Lab File: VY003596.D

Acq: 23 Nov 2020 16:57

Tgt Ion: 128 Resp: 41432

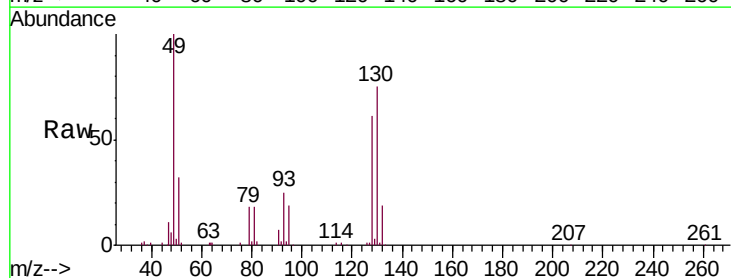
Ion Ratio Lower Upper

128 100

49 165.3 117.1 217.5

130 123.9 89.4 166.0

51 52.7 43.3 64.9

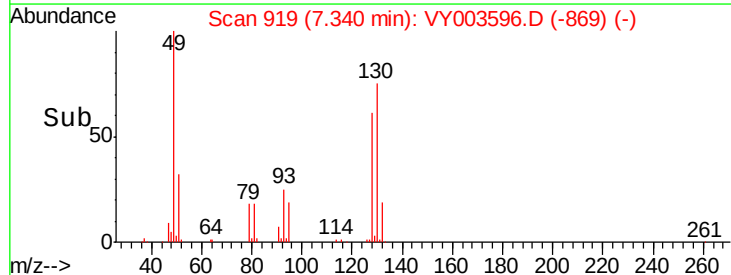
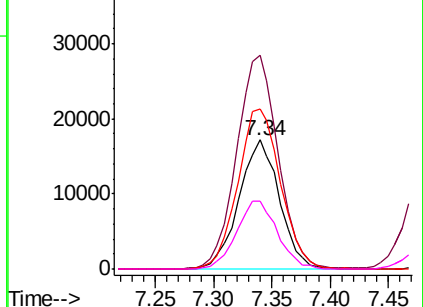


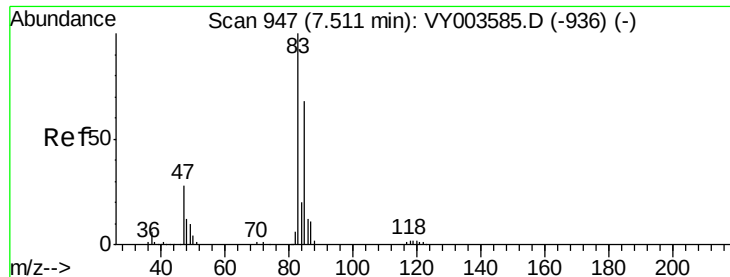
Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VY0

Ion 130.00 (129.70 to 130.70): V

Ion 51.00 (50.70 to 51.70): VY0

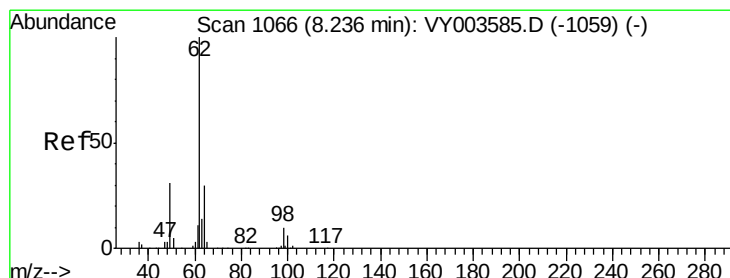
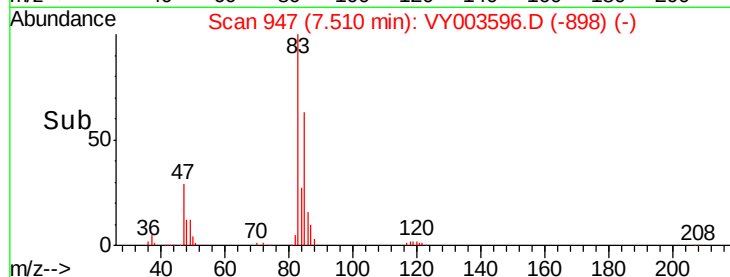
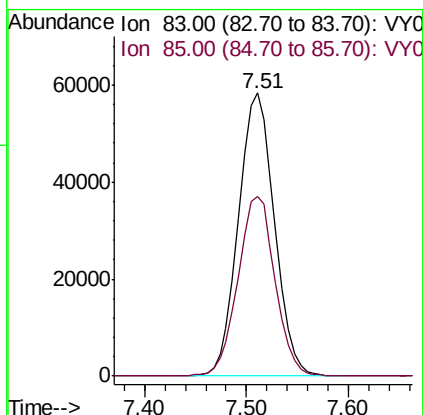
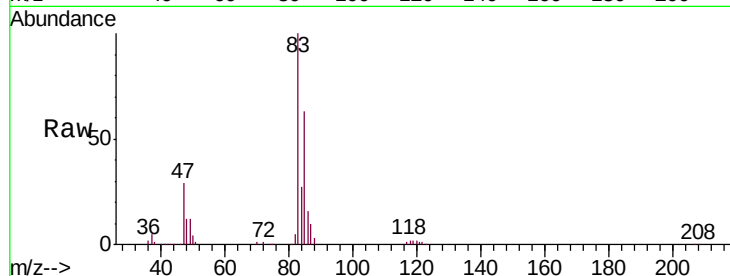




#25
Chloroform
Concen: 25.653 ug/L
RT: 7.51 min Scan# 947
Delta R.T. -0.00 min
Lab File: VY003596.D
Acq: 23 Nov 2020 16:57

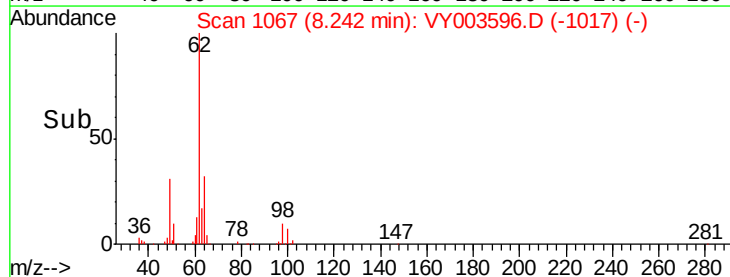
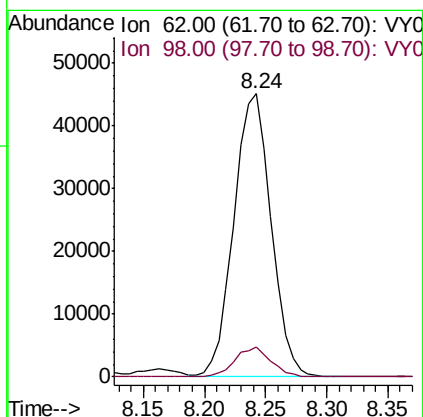
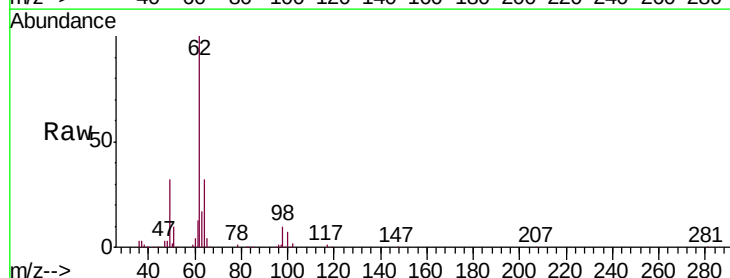
Instrument :
MSVOA_Y
ClientSampleId :
VBLK84

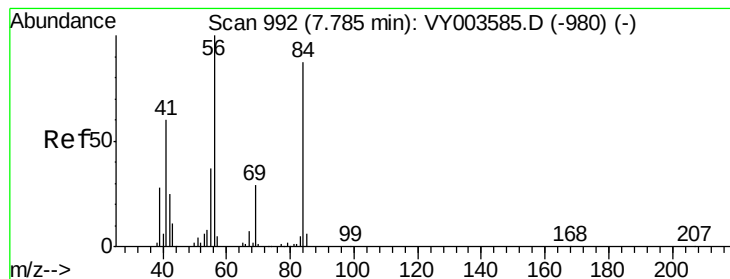
Tgt Ion: 83 Resp: 143239
Ion Ratio Lower Upper
83 100
85 63.4 47.4 88.0



#27
1,2-Dichloroethane
Concen: 25.437 ug/L
RT: 8.24 min Scan# 1067
Delta R.T. 0.01 min
Lab File: VY003596.D
Acq: 23 Nov 2020 16:57

Tgt Ion: 62 Resp: 95636
Ion Ratio Lower Upper
62 100
98 10.5 7.9 11.9





#29

Cyclohexane

Concen: 26.586 ug/L

RT: 7.78 min Scan# 992

Delta R.T. -0.00 min

Lab File: VY003596.D

Acq: 23 Nov 2020 16:57

Instrument :

MSVOA_Y

ClientSampleId :

VBLK84

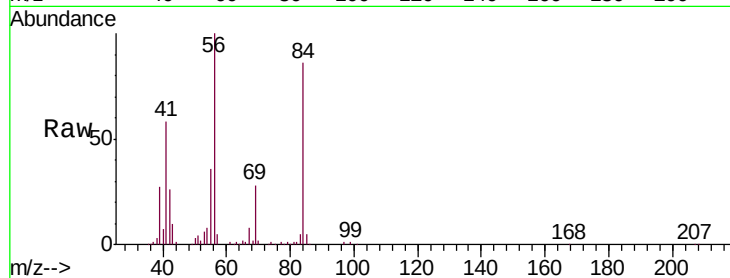
Tgt Ion: 56 Resp: 128096

Ion Ratio Lower Upper

56 100

69 29.0 23.3 34.9

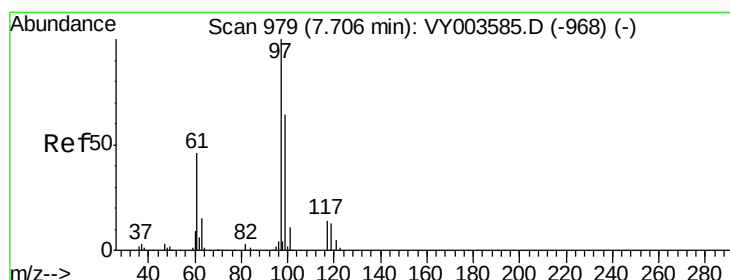
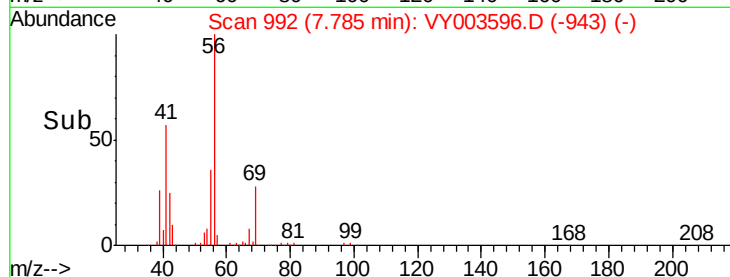
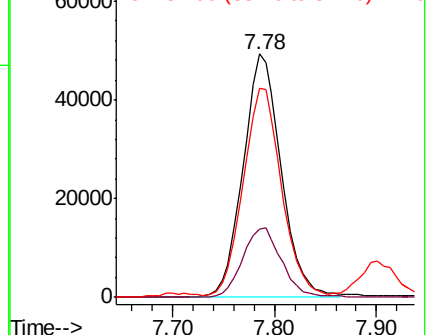
84 86.5 70.6 105.8



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



#30

1,1,1-Trichloroethane

Concen: 26.226 ug/L

RT: 7.71 min Scan# 979

Delta R.T. -0.00 min

Lab File: VY003596.D

Acq: 23 Nov 2020 16:57

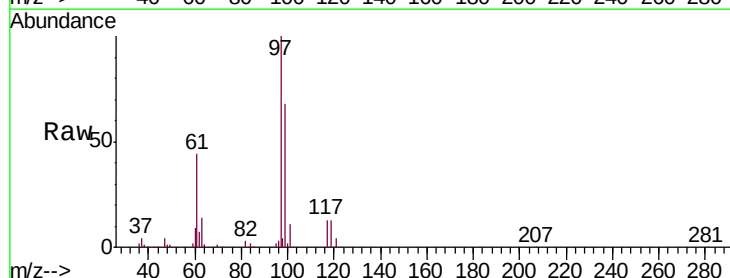
Tgt Ion: 97 Resp: 111223

Ion Ratio Lower Upper

97 100

99 64.3 51.6 77.4

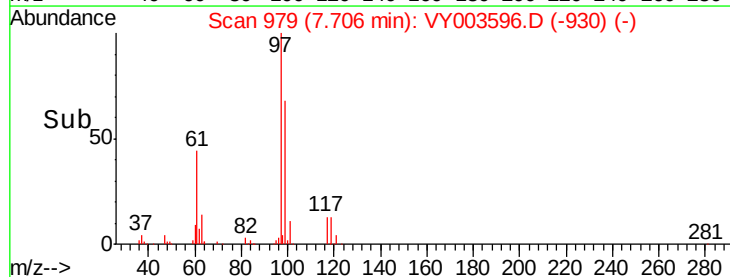
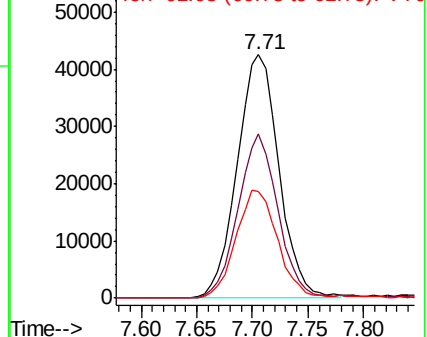
61 44.0 35.1 52.7

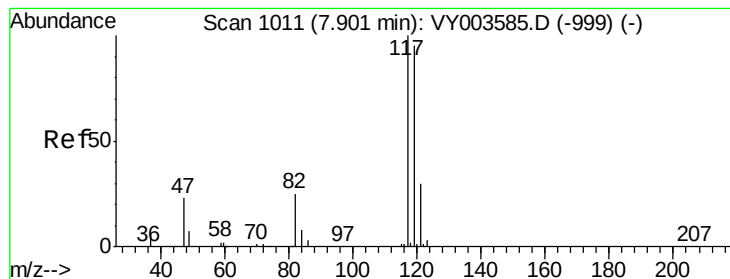


Abundance Ion 97.00 (96.70 to 97.70): VY0

Ion 99.00 (98.70 to 99.70): VY0

Ion 61.05 (60.75 to 61.75): VY0





#31

Carbon tetrachloride

Concen: 25.635 ug/L

RT: 7.90 min Scan# 1011

Delta R.T. -0.00 min

Lab File: VY003596.D

Acq: 23 Nov 2020 16:57

Instrument :

MSVOA_Y

ClientSampleId :

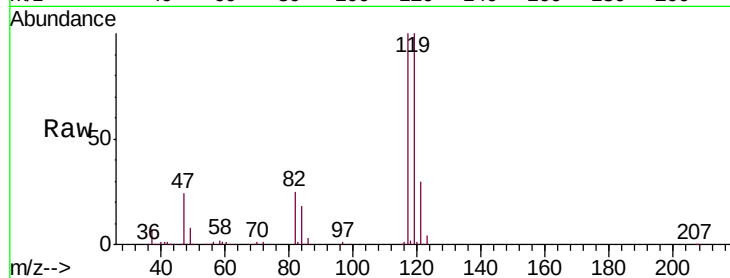
VBLK84

Tgt Ion:117 Resp: 106318

Ion Ratio Lower Upper

117 100

119 99.0 76.7 115.1

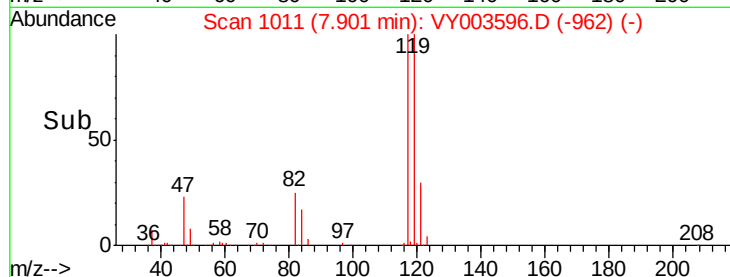


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

7.90

Time-->



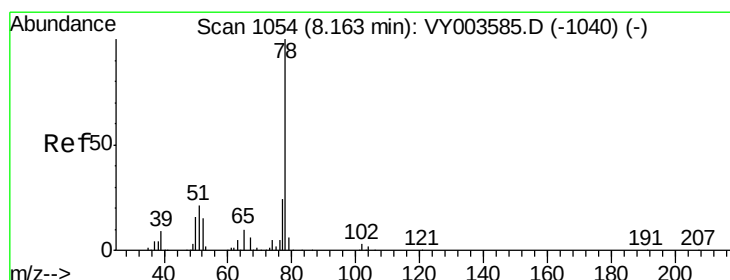
Abundance

Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

7.90

Time-->



#33

Benzene

Concen: 25.888 ug/L

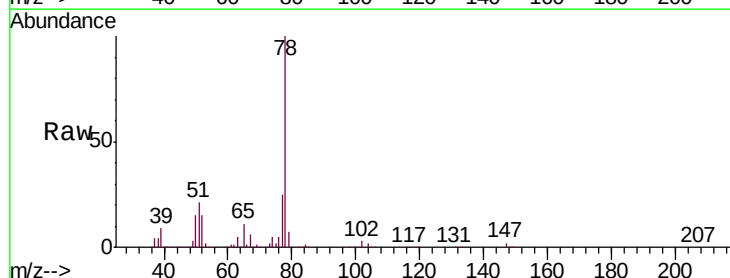
RT: 8.16 min Scan# 1054

Delta R.T. -0.00 min

Lab File: VY003596.D

Acq: 23 Nov 2020 16:57

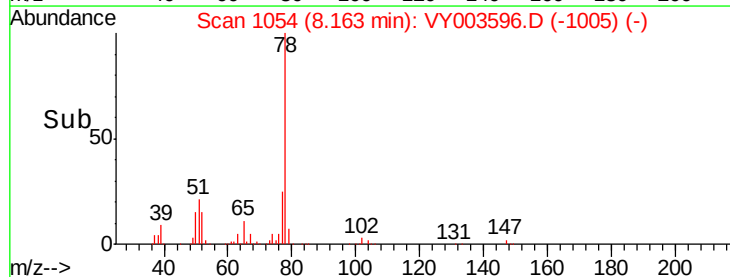
Tgt Ion: 78 Resp: 333289



Abundance Ion 78.00 (77.70 to 78.70): VY0

8.16

Time-->

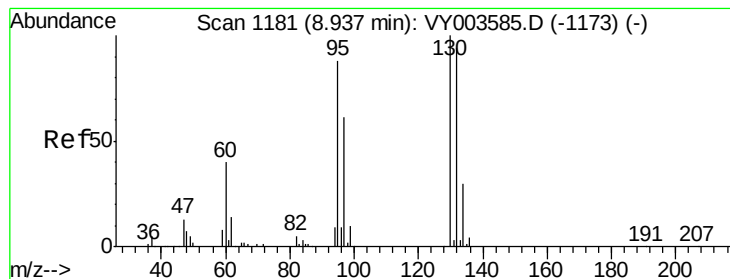


Abundance

Ion 78.00 (77.70 to 78.70): VY0

8.16

Time-->



#34

Trichloroethene

Concen: 25.805 ug/L

RT: 8.94 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VY003596.D

Acq: 23 Nov 2020 16:57

Instrument :

MSVOA_Y

ClientSampleId :

VBLK84

Tgt Ion: 95 Resp: 82371

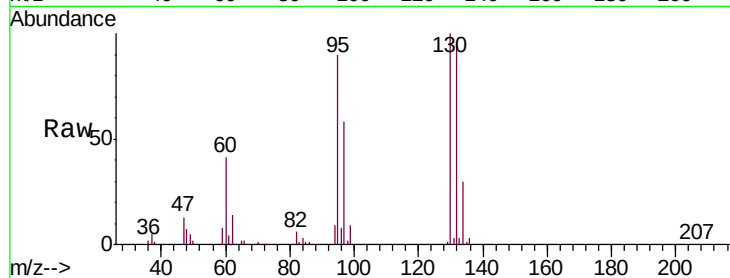
Ion Ratio Lower Upper

95 100

97 65.2 48.8 90.6

132 107.1 74.9 139.1

130 111.6 79.4 147.4

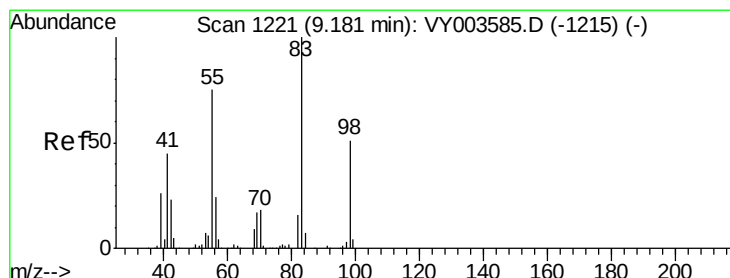
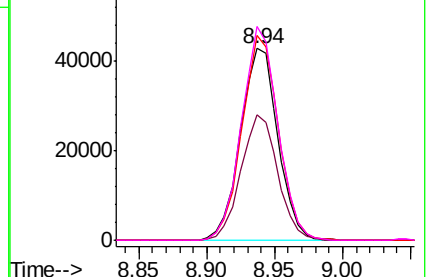
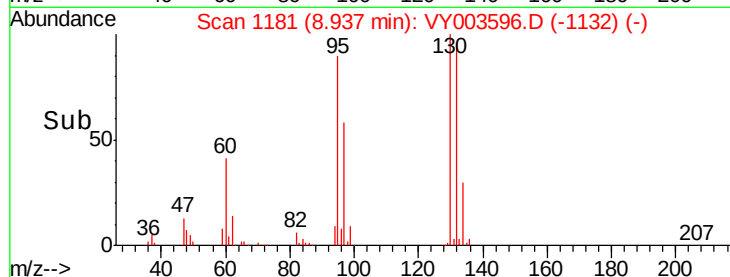


Abundance Ion 95.00 (94.70 to 95.70): VY0

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



#35

Methylcyclohexane

Concen: 25.347 ug/L

RT: 9.18 min Scan# 1221

Delta R.T. -0.00 min

Lab File: VY003596.D

Acq: 23 Nov 2020 16:57

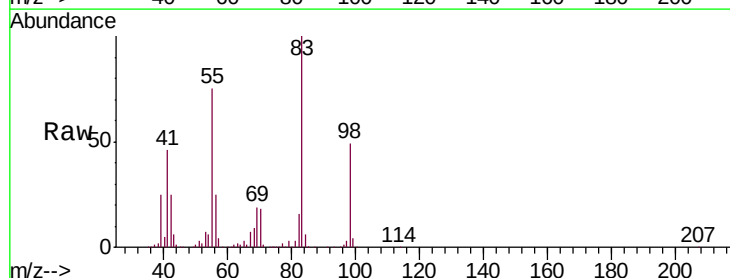
Tgt Ion: 83 Resp: 127039

Ion Ratio Lower Upper

83 100

55 78.1 59.0 88.6

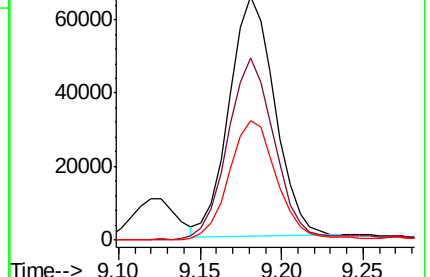
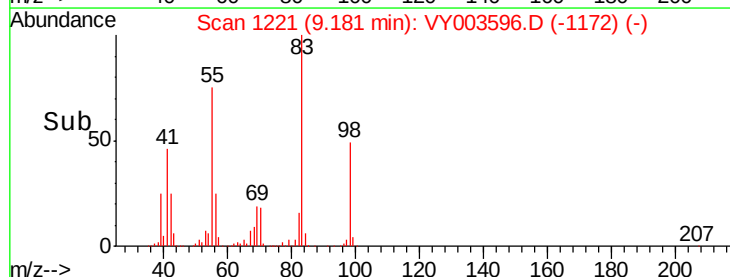
98 52.8 40.2 60.4

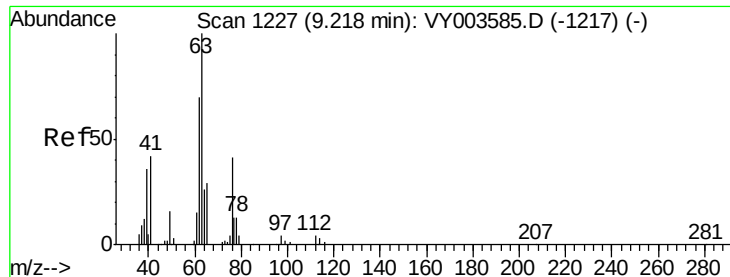


Abundance Ion 83.00 (82.70 to 83.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 98.00 (97.70 to 98.70): VY0

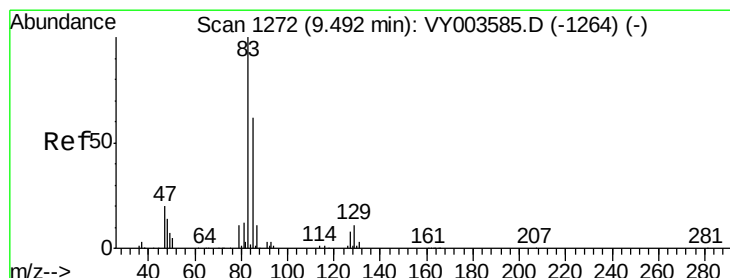
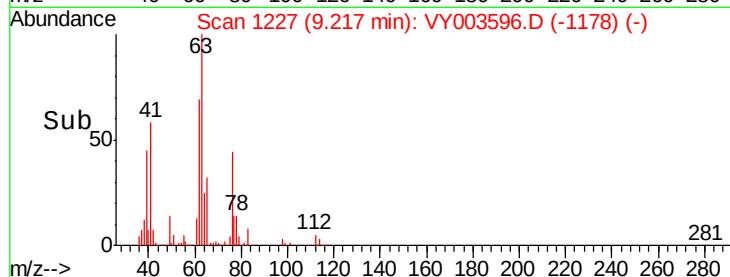
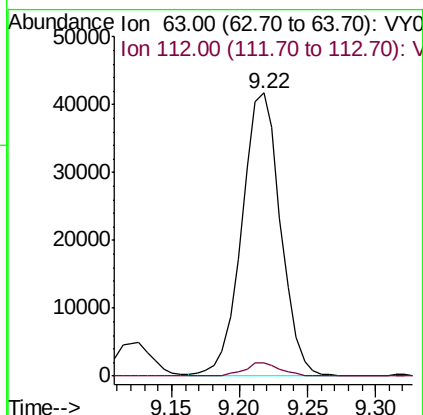
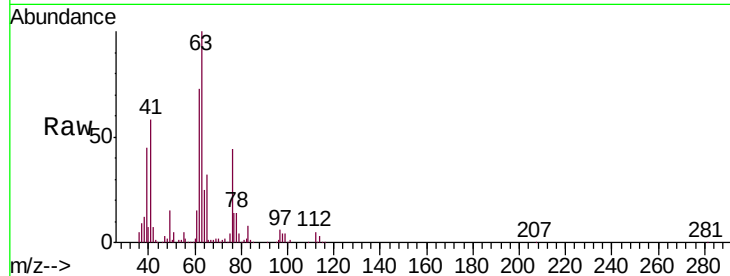




#37
 1,2-Dichloropropane
 Concen: 25.554 ug/L
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: VY003596.D
 Acq: 23 Nov 2020 16:57

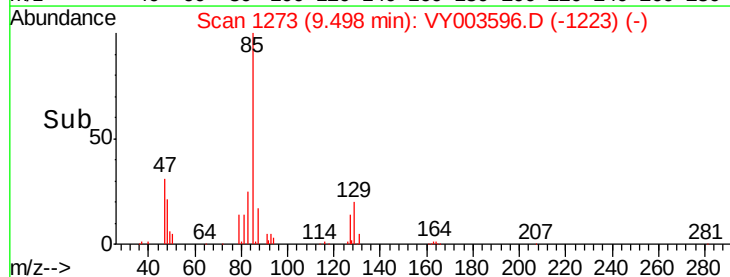
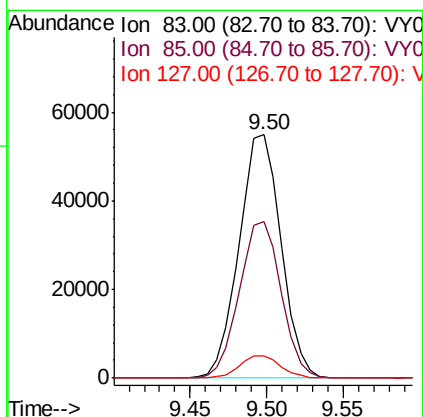
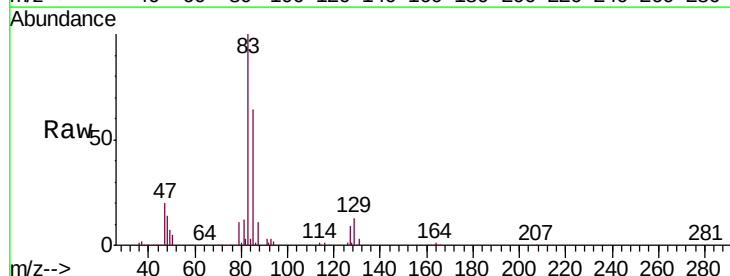
Instrument :
 MSVOA_Y
 ClientSampleId :
 VBLK84

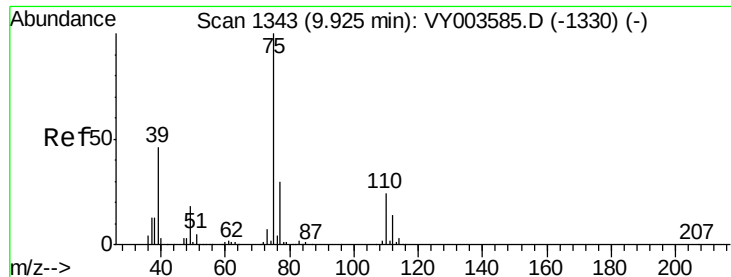
Tgt Ion: 63 Resp: 83316
 Ion Ratio Lower Upper
 63 100
 112 4.4 3.4 5.2



#38
 Bromodichloromethane
 Concen: 25.399 ug/L
 RT: 9.50 min Scan# 1273
 Delta R.T. 0.01 min
 Lab File: VY003596.D
 Acq: 23 Nov 2020 16:57

Tgt Ion: 83 Resp: 105068
 Ion Ratio Lower Upper
 83 100
 85 64.1 43.5 80.9
 127 9.0 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 26.377 ug/L

RT: 9.92 min Scan# 1343

Delta R.T. -0.00 min

Lab File: VY003596.D

Acq: 23 Nov 2020 16:57

Instrument :

MSVOA_Y

ClientSampleId :

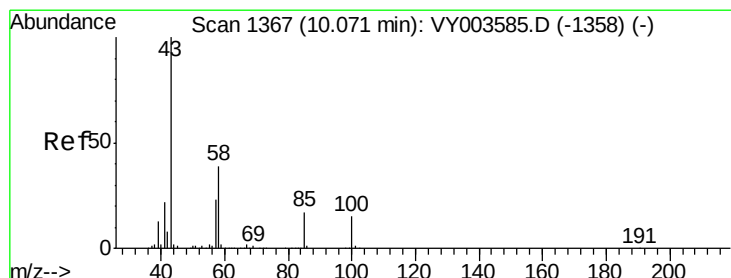
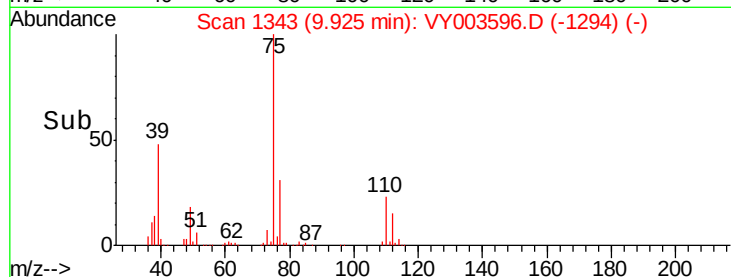
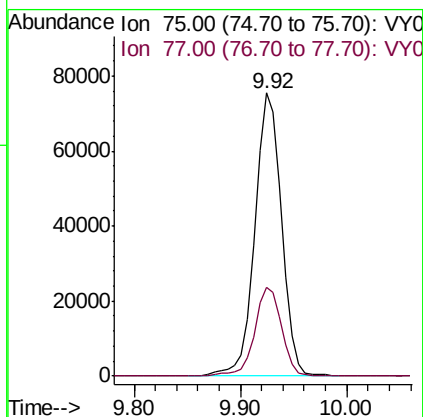
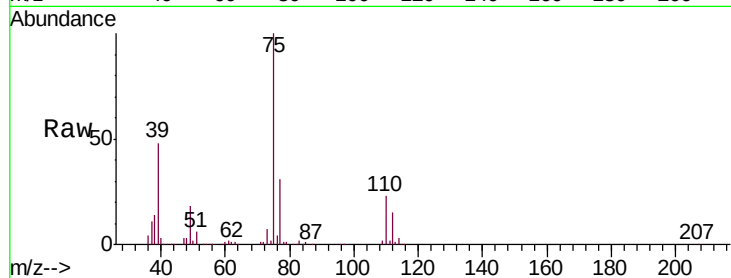
VBLK84

Tgt Ion: 75 Resp: 132905

Ion Ratio Lower Upper

75 100

77 31.3 20.9 38.9



#40

4-Methyl-2-pentanone

Concen: 50.021 ug/L

RT: 10.07 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VY003596.D

Acq: 23 Nov 2020 16:57

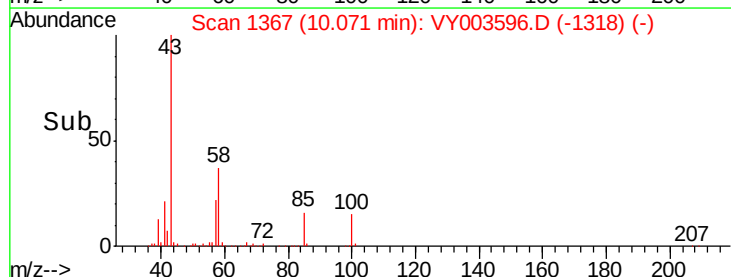
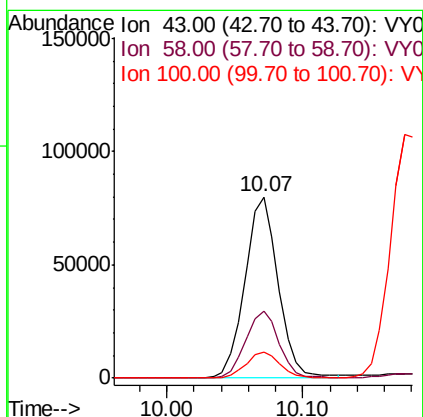
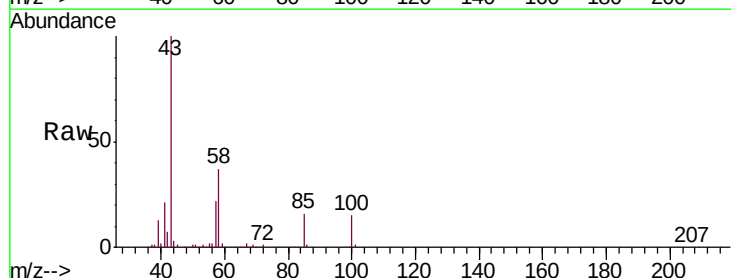
Tgt Ion: 43 Resp: 137038

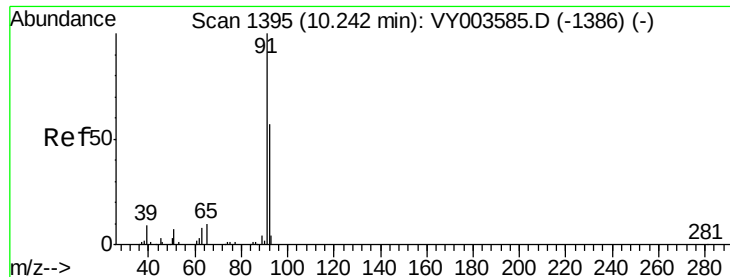
Ion Ratio Lower Upper

43 100

58 37.2 29.8 44.6

100 14.9 12.0 18.0





#42

Toluene

Concen: 26.195 ug/L

RT: 10.24 min Scan# 1395

Delta R.T. -0.00 min

Lab File: VY003596.D

Acq: 23 Nov 2020 16:57

Instrument :

MSVOA_Y

ClientSampleId :

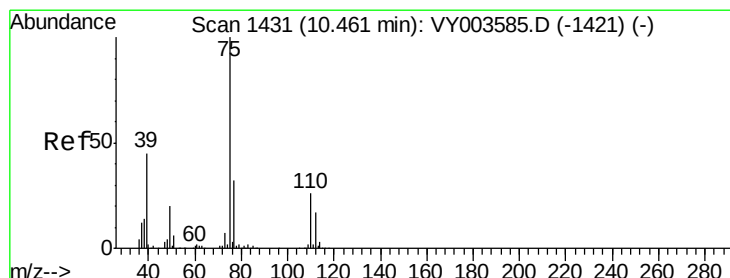
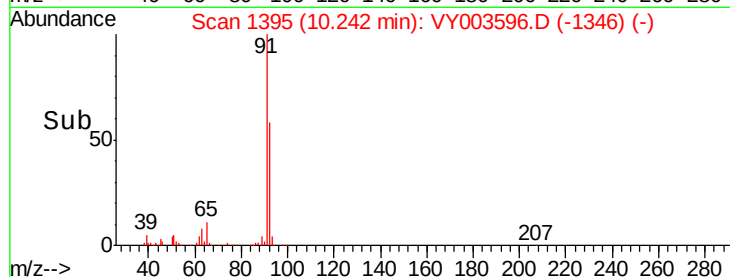
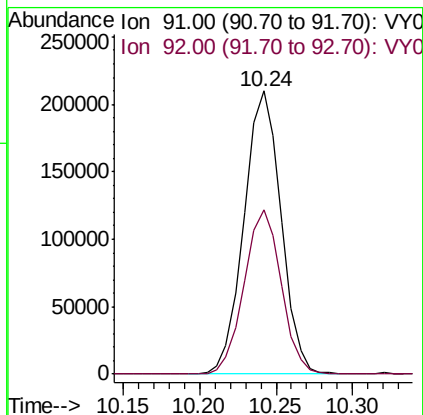
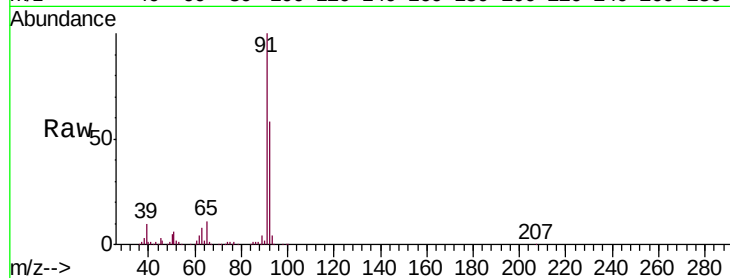
VBLK84

Tgt Ion: 91 Resp: 354341

Ion Ratio Lower Upper

91 100

92 58.0 39.6 73.6



#44

trans-1,3-Dichloropropene

Concen: 26.078 ug/L

RT: 10.46 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VY003596.D

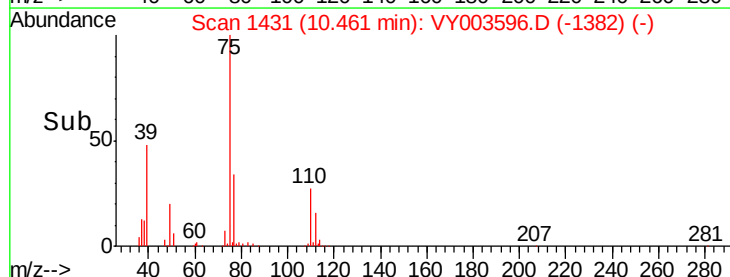
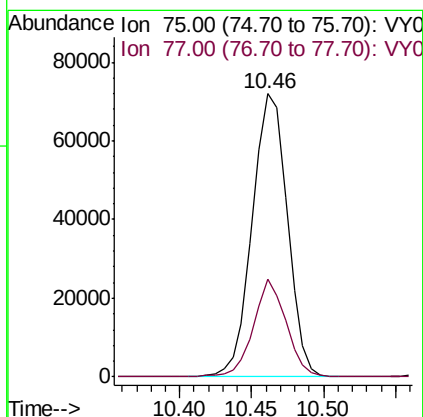
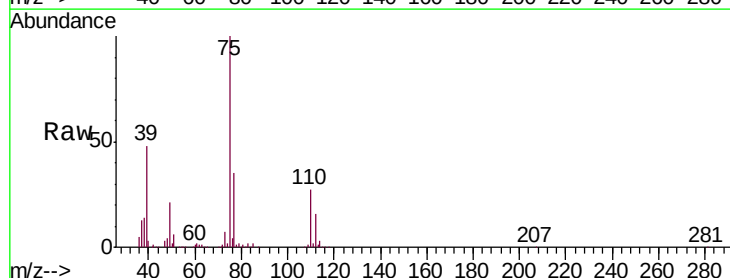
Acq: 23 Nov 2020 16:57

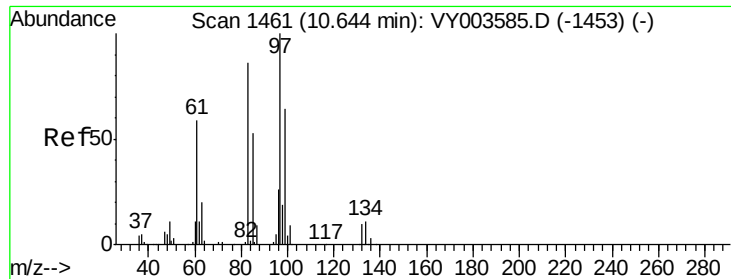
Tgt Ion: 75 Resp: 121835

Ion Ratio Lower Upper

75 100

77 34.6 22.9 42.5

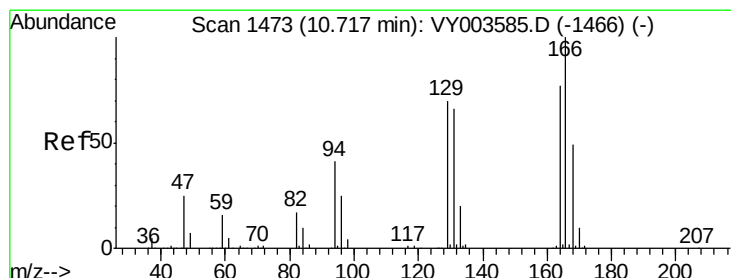
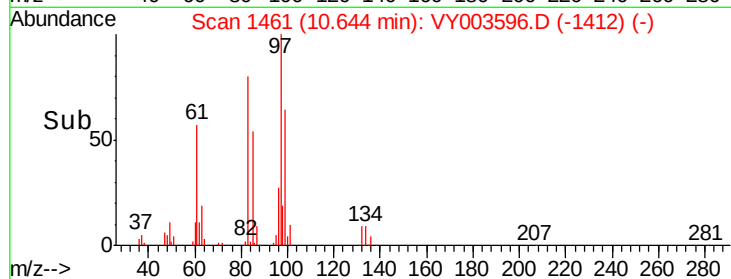
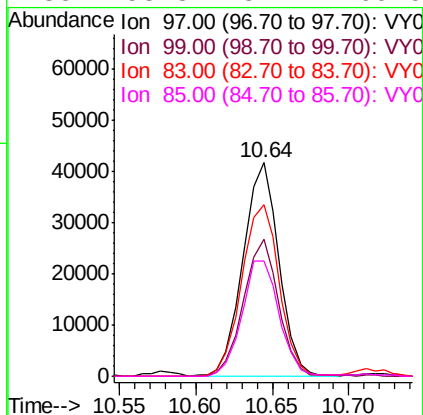
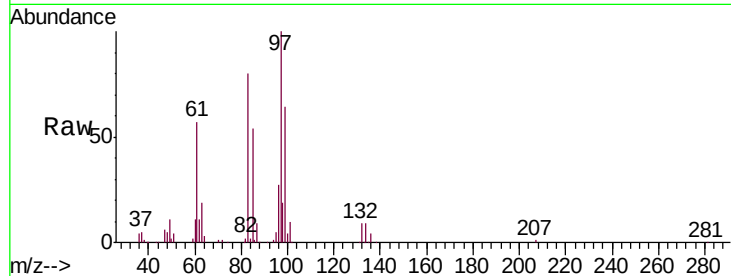




#45
 1,1,2-Trichloroethane
 Concen: 25.798 ug/L
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY003596.D
 Acq: 23 Nov 2020 16:57

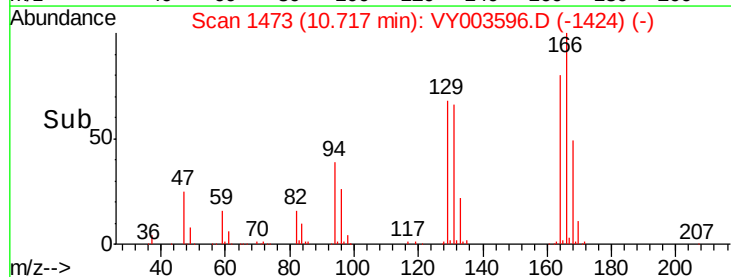
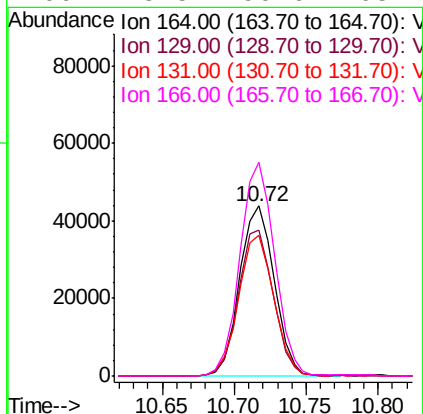
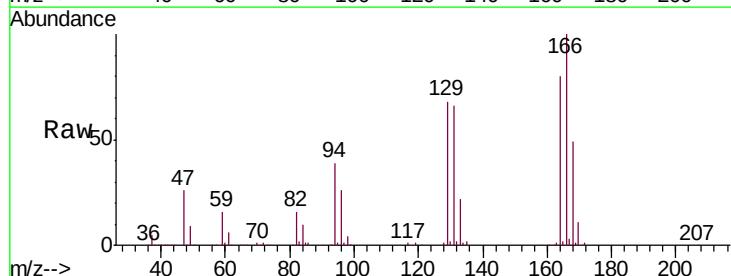
Instrument :
 MSVOA_Y
 ClientSampleId :
 VBLK84

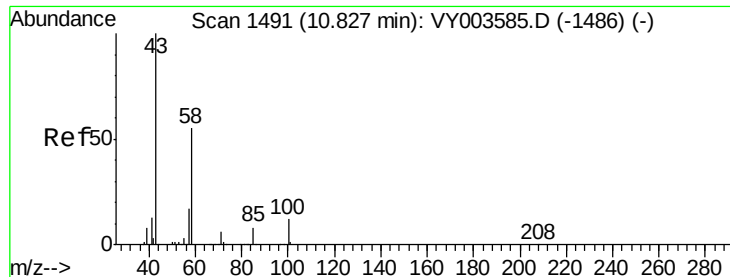
Tgt Ion:	97	Resp:	68061
Ion	Ratio	Lower	Upper
97	100		
99	64.3	44.9	83.5
83	80.5	59.8	111.1
85	53.8	37.2	69.0



#46
 Tetrachloroethene
 Concen: 26.217 ug/L
 RT: 10.72 min Scan# 1473
 Delta R.T. -0.00 min
 Lab File: VY003596.D
 Acq: 23 Nov 2020 16:57

Tgt Ion:	164	Resp:	73340
Ion	Ratio	Lower	Upper
164	100		
129	85.9	63.5	117.9
131	82.4	59.6	110.6
166	125.5	90.6	168.2

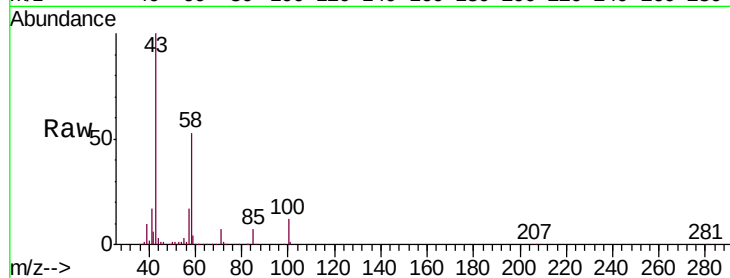




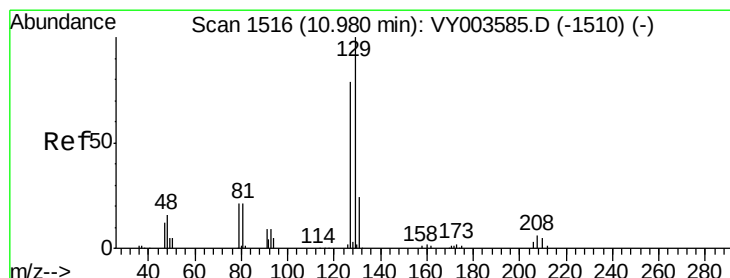
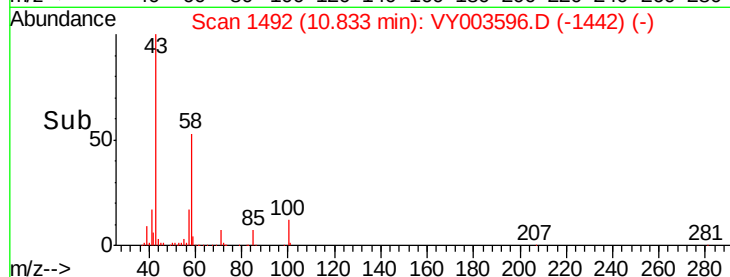
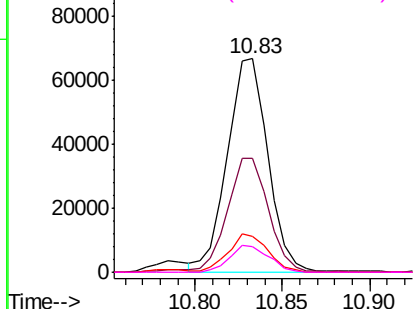
#48
2-Hexanone
Concen: 50.862 ug/L
RT: 10.83 min Scan# 1492
Delta R.T. 0.01 min
Lab File: VY003596.D
Acq: 23 Nov 2020 16:57

Instrument :
MSVOA_Y
ClientSampleId :
VBLK84

Tgt Ion: 43 Resp: 107881
Ion Ratio Lower Upper
43 100
58 53.1 43.9 65.9
57 17.4 14.1 21.1
100 12.3 9.6 14.4

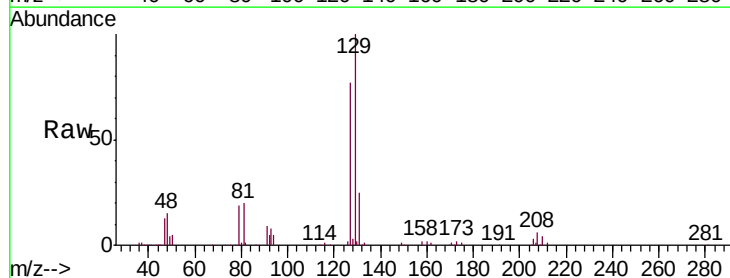


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0
Ion 57.00 (56.70 to 57.70): VY0
Ion 100.00 (99.70 to 100.70): VY0

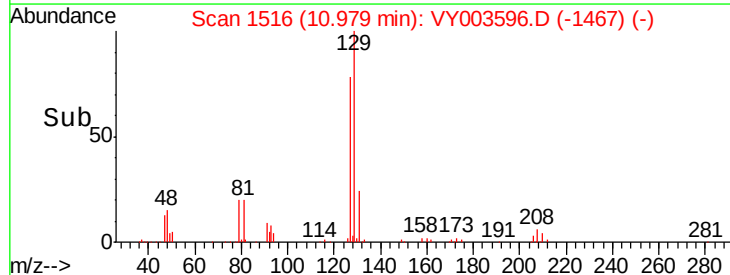
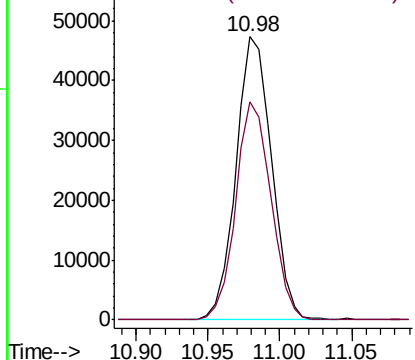


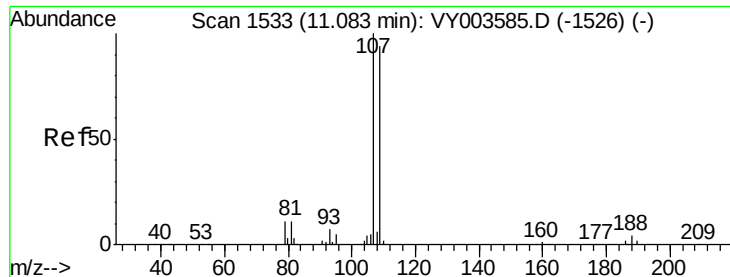
#49
Dibromochloromethane
Concen: 26.295 ug/L
RT: 10.98 min Scan# 1516
Delta R.T. -0.00 min
Lab File: VY003596.D
Acq: 23 Nov 2020 16:57

Tgt Ion: 129 Resp: 81324
Ion Ratio Lower Upper
129 100
127 77.1 55.7 103.5



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

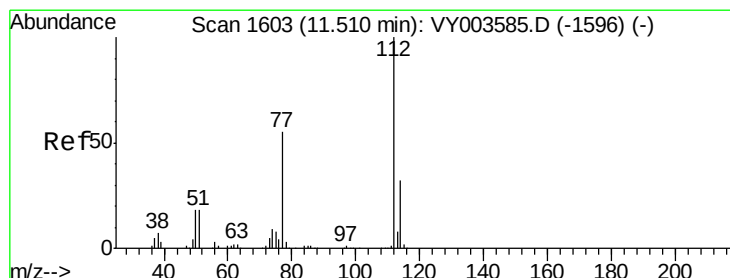
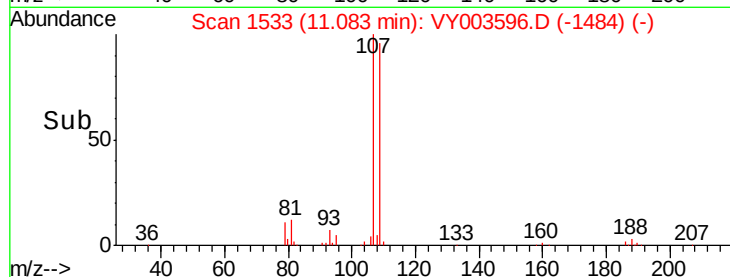
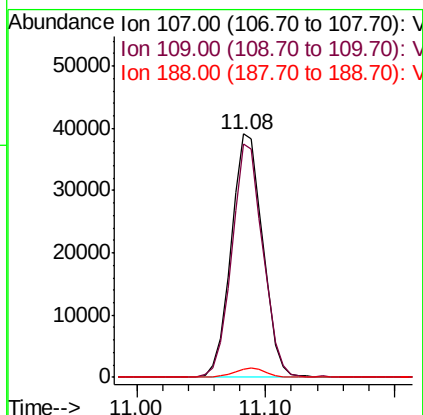
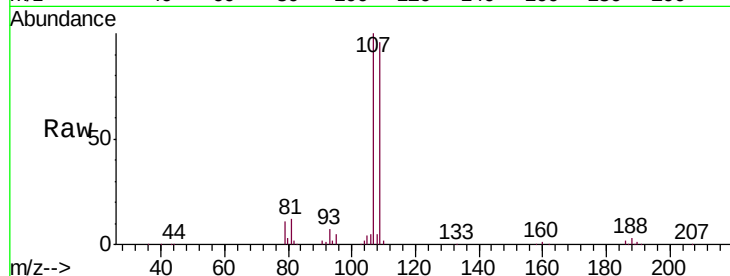




#50
1,2-Dibromoethane
Concen: 25.791 ug/L
RT: 11.08 min Scan# 1533
Delta R.T. -0.00 min
Lab File: VY003596.D
Acq: 23 Nov 2020 16:57

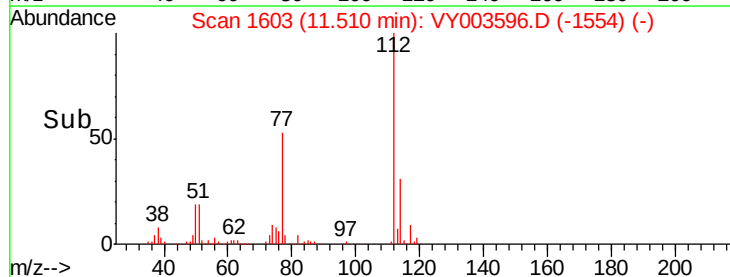
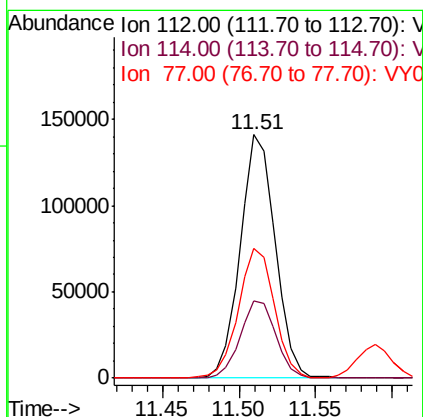
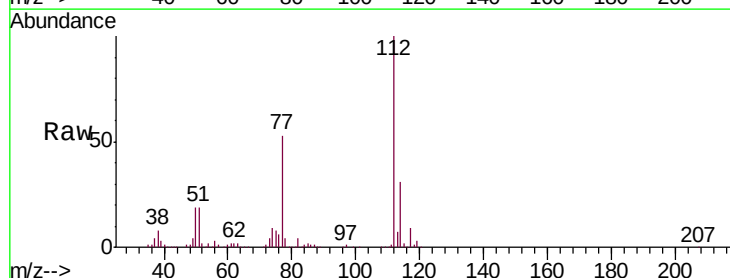
Instrument :
MSVOA_Y
ClientSampleId :
VBLK84

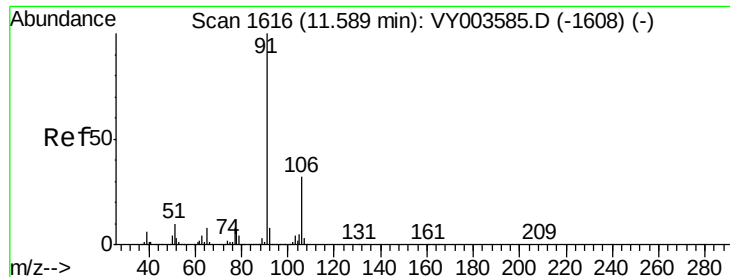
Tgt Ion:107 Resp: 66602
Ion Ratio Lower Upper
107 100
109 95.7 65.8 122.2
188 3.4 2.9 4.3



#51
Chlorobenzene
Concen: 26.158 ug/L
RT: 11.51 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VY003596.D
Acq: 23 Nov 2020 16:57

Tgt Ion:112 Resp: 225141
Ion Ratio Lower Upper
112 100
114 31.5 22.4 41.6
77 53.4 44.2 66.2





#52

Ethylbenzene

Concen: 26.649 ug/L

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY003596.D

Acq: 23 Nov 2020 16:57

Instrument :

MSVOA_Y

ClientSampleId :

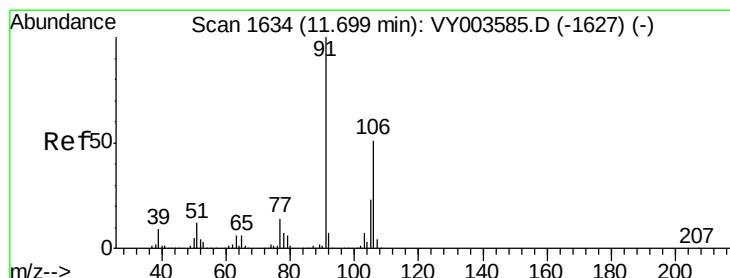
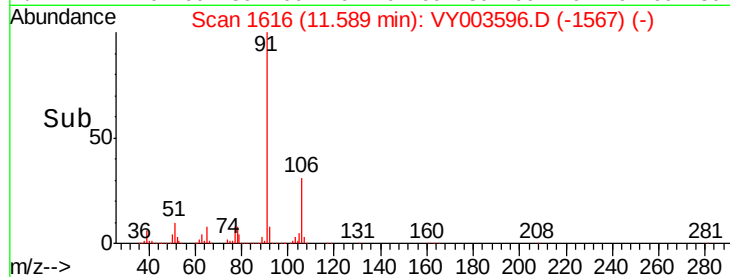
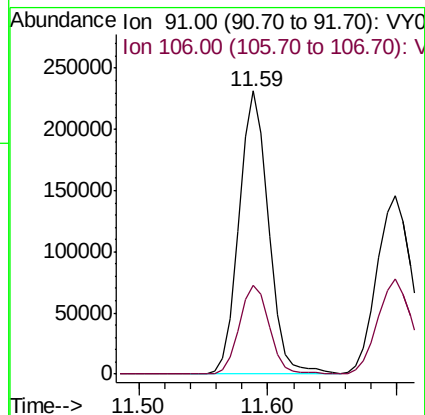
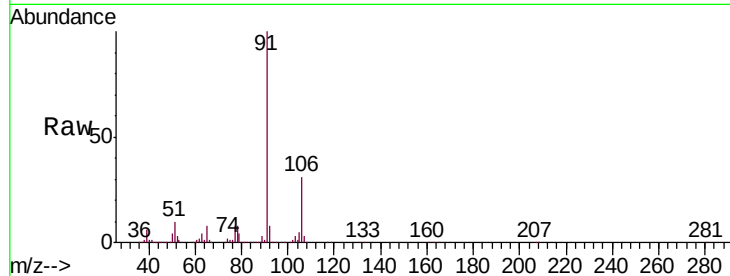
VBLK84

Tgt Ion: 91 Resp: 367817

Ion Ratio Lower Upper

91 100

106 31.3 22.7 42.1



#53

m,p-Xylene

Concen: 26.860 ug/L

RT: 11.70 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VY003596.D

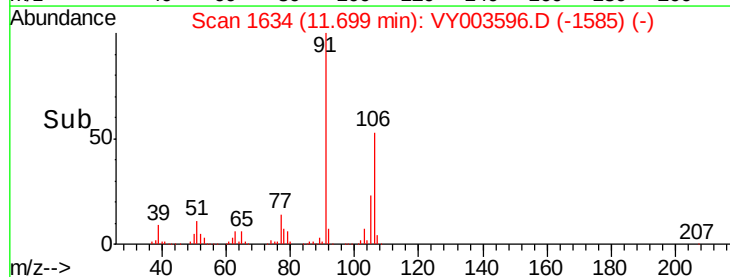
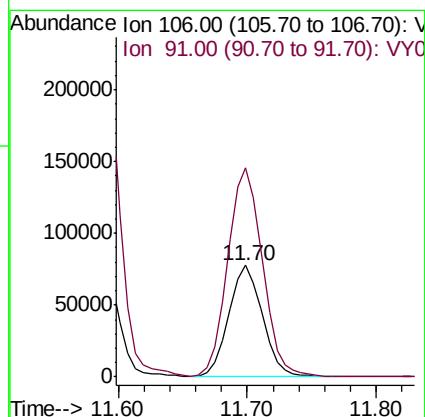
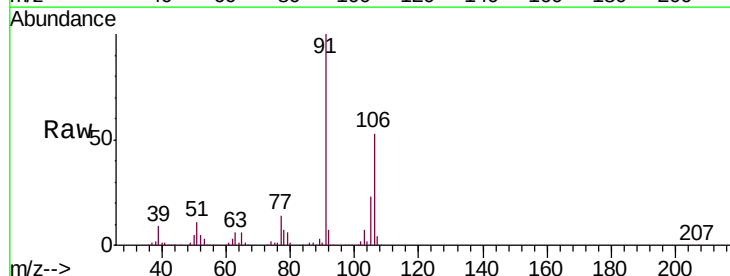
Acq: 23 Nov 2020 16:57

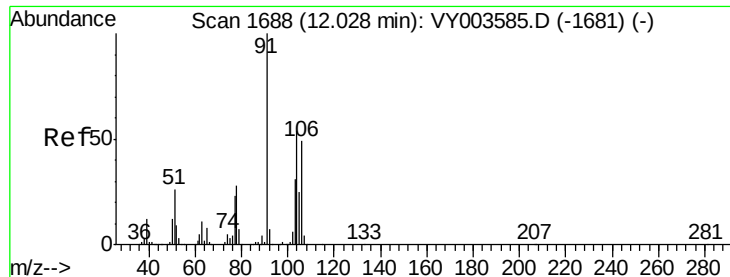
Tgt Ion: 106 Resp: 143072

Ion Ratio Lower Upper

106 100

91 187.1 138.2 256.6

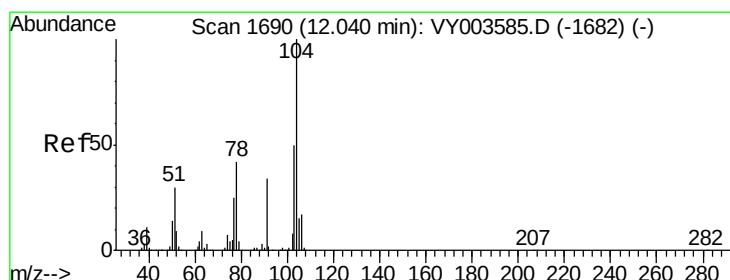
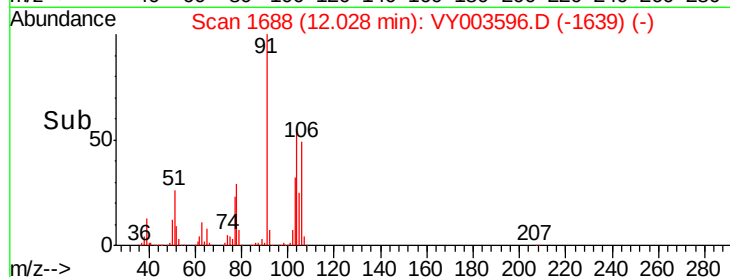
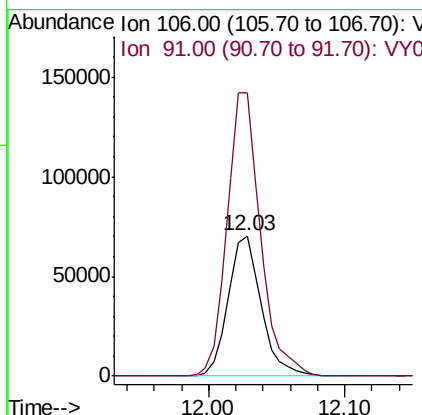
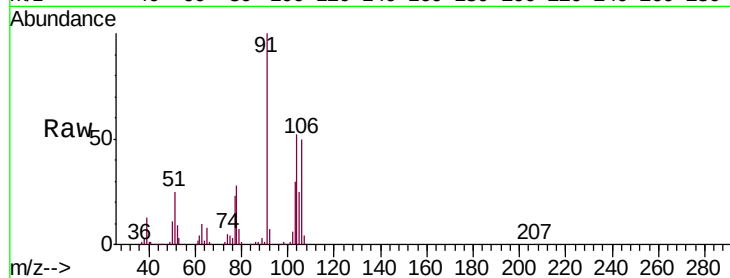




#54
o-Xylene
Concen: 26.428 ug/L
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003596.D
Acq: 23 Nov 2020 16:57

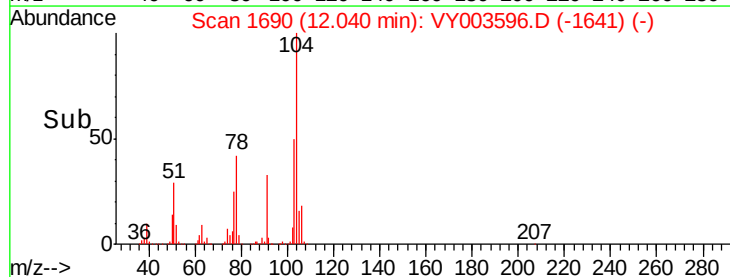
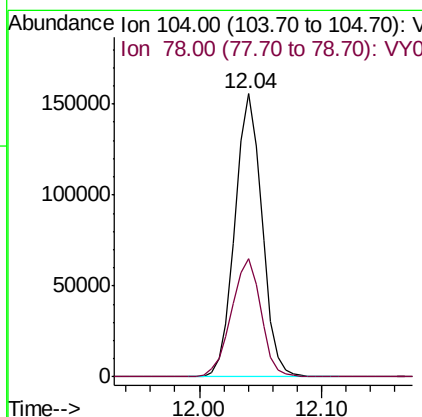
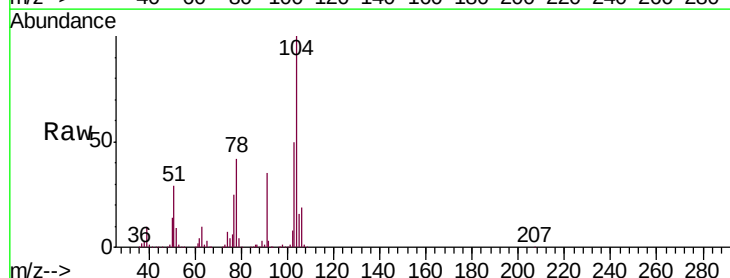
Instrument :
MSVOA_Y
ClientSampled :
VBLK84

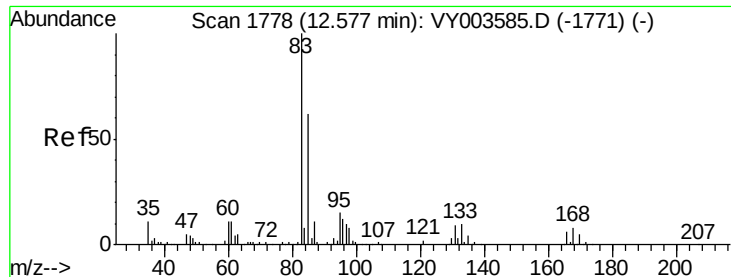
Tgt Ion:106 Resp: 118977
Ion Ratio Lower Upper
106 100
91 201.7 143.2 266.0



#55
Styrene
Concen: 27.126 ug/L
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY003596.D
Acq: 23 Nov 2020 16:57

Tgt Ion:104 Resp: 238825
Ion Ratio Lower Upper
104 100
78 41.8 29.5 54.7

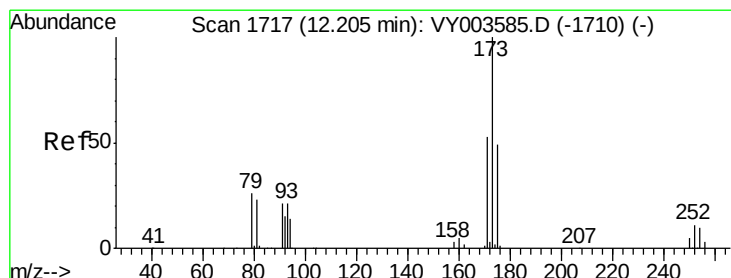
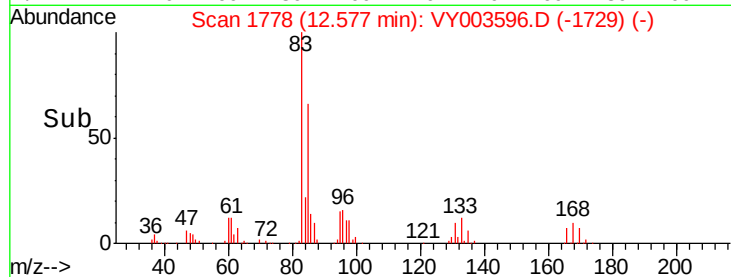
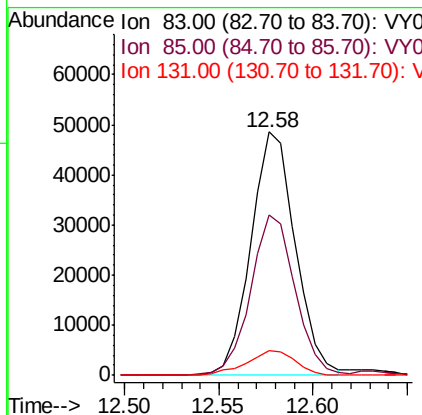
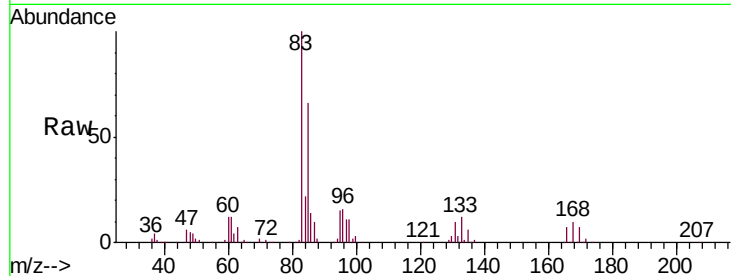




#57
 1,1,2,2-Tetrachloroethane
 Concen: 24.972 ug/L
 RT: 12.58 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VY003596.D
 Acq: 23 Nov 2020 16:57

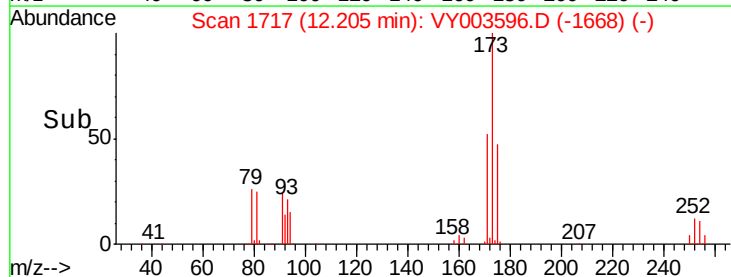
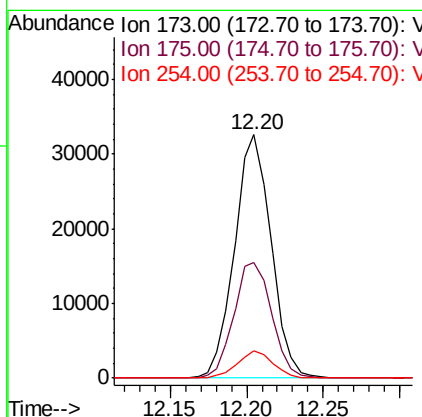
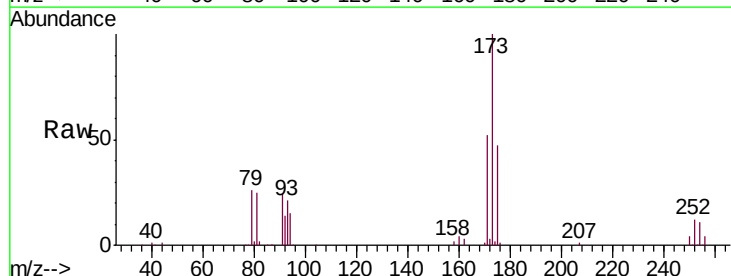
Instrument :
 MSVOA_Y
 ClientSampleId :
 VBLK84

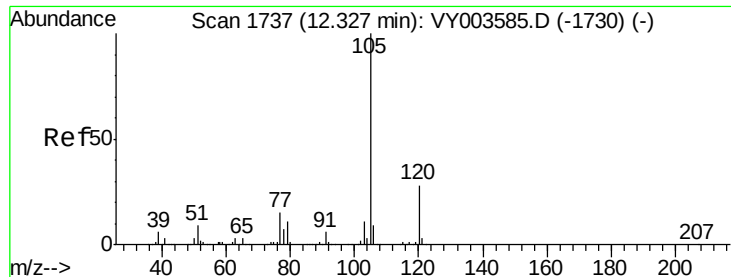
Tgt Ion: 83 Resp: 79316
 Ion Ratio Lower Upper
 83 100
 85 65.7 43.5 80.9
 131 10.0 7.3 10.9



#59
 Bromoform
 Concen: 25.280 ug/L
 RT: 12.20 min Scan# 1717
 Delta R.T. -0.00 min
 Lab File: VY003596.D
 Acq: 23 Nov 2020 16:57

Tgt Ion: 173 Resp: 53889
 Ion Ratio Lower Upper
 173 100
 175 49.4 38.9 58.3
 254 10.9 8.5 12.7





#60

Isopropylbenzene

Concen: 26.071 ug/L

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY003596.D

Acq: 23 Nov 2020 16:57

Instrument :

MSVOA_Y

ClientSampleId :

VBLK84

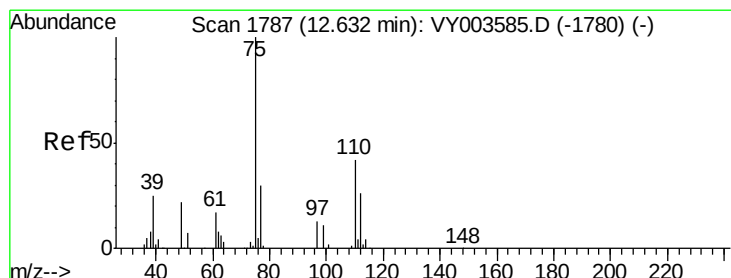
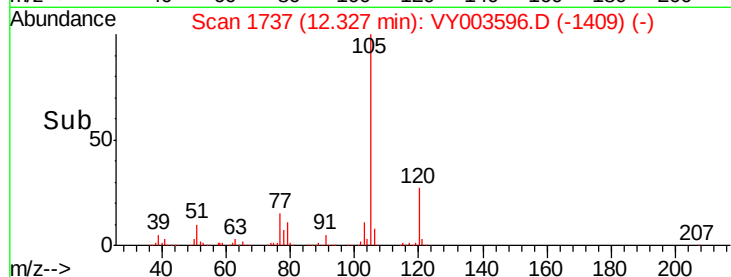
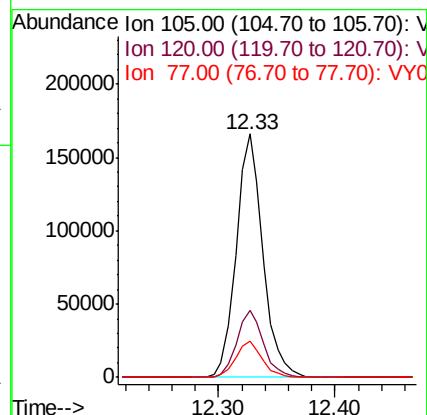
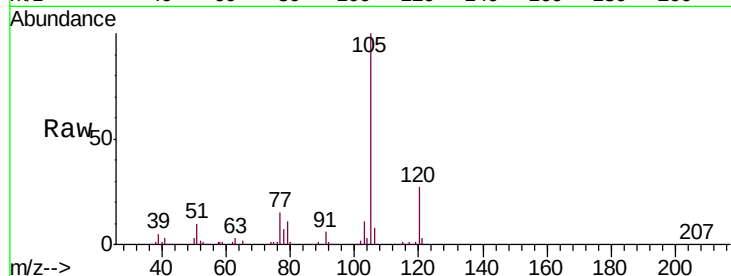
Tgt Ion: 105 Resp: 263671

Ion Ratio Lower Upper

105 100

120 27.3 21.8 32.6

77 14.9 12.0 18.0



#61

1,2,3-Trichloropropane

Concen: 24.817 ug/L

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY003596.D

Acq: 23 Nov 2020 16:57

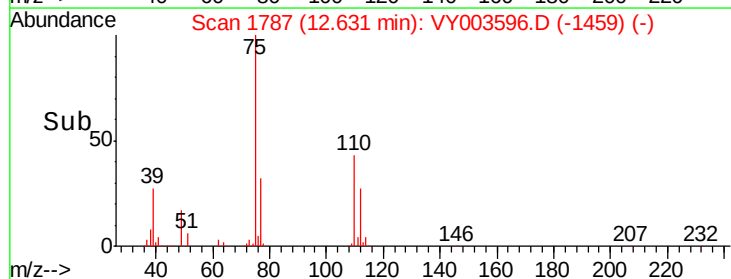
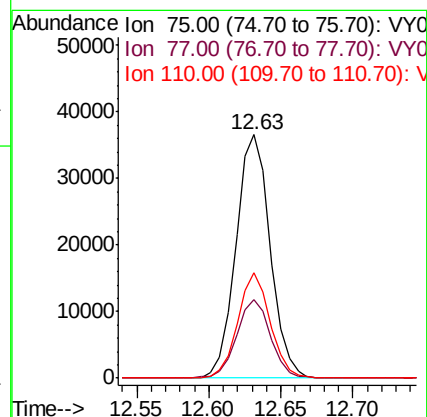
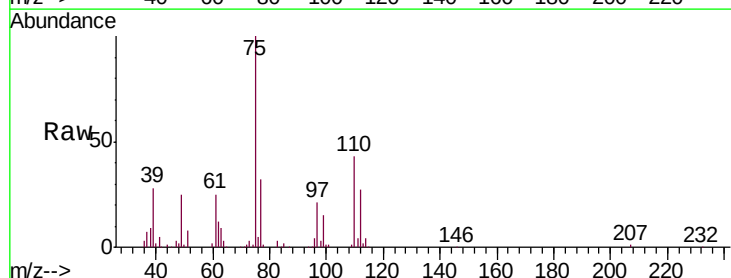
Tgt Ion: 75 Resp: 60443

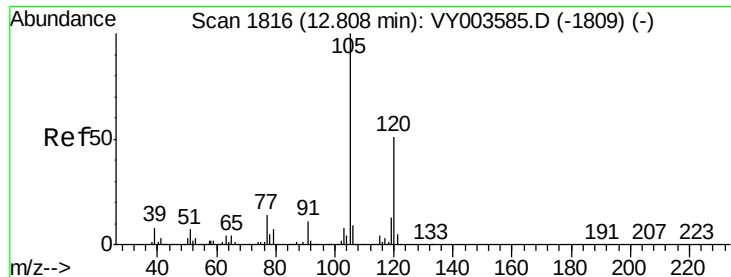
Ion Ratio Lower Upper

75 100

77 32.1 26.1 39.1

110 40.9 33.4 50.0





#62

1,3,5-Trimethylbenzene

Concen: 26.415 ug/L

RT: 12.81 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VY003596.D

Acq: 23 Nov 2020 16:57

Instrument :

MSVOA_Y

ClientSampleId :

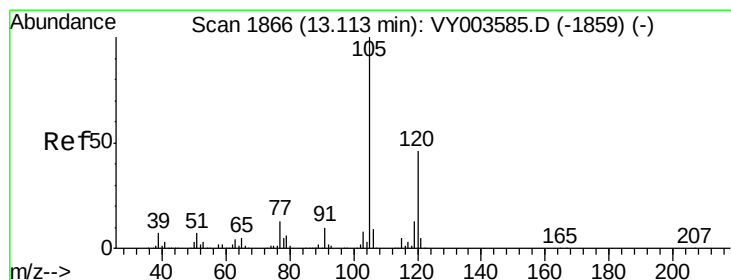
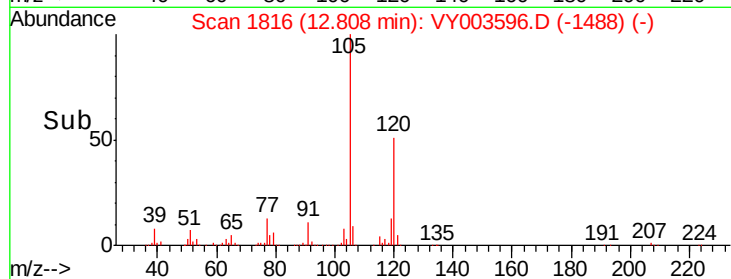
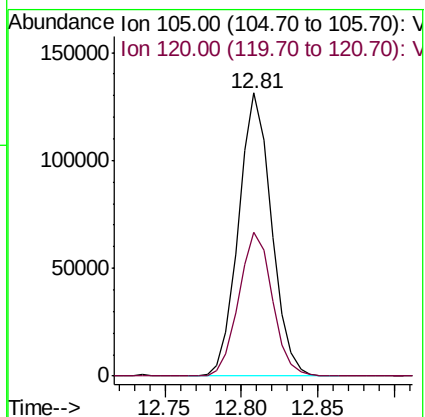
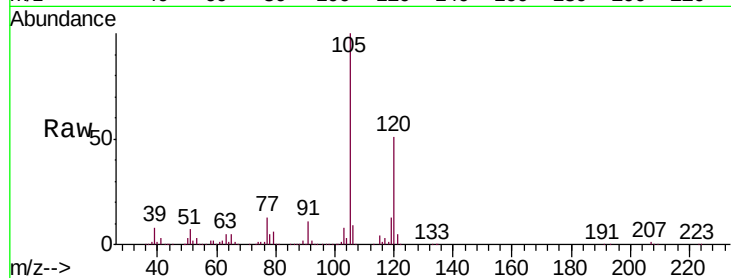
VBLK84

Tgt Ion:105 Resp: 196460

Ion Ratio Lower Upper

105 100

120 51.5 41.8 62.6



#63

1,2,4-Trimethylbenzene

Concen: 26.588 ug/L

RT: 13.11 min Scan# 1866

Delta R.T. -0.00 min

Lab File: VY003596.D

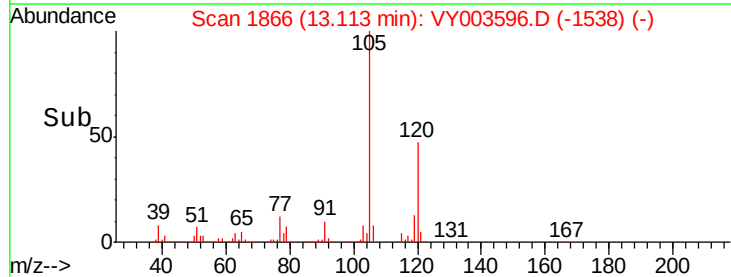
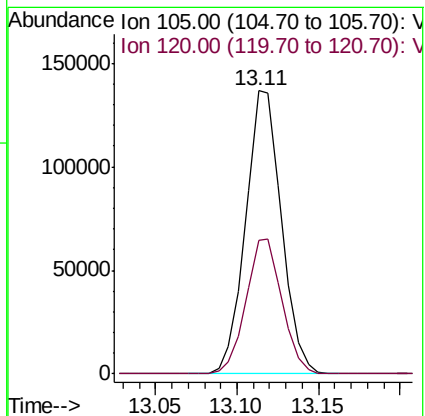
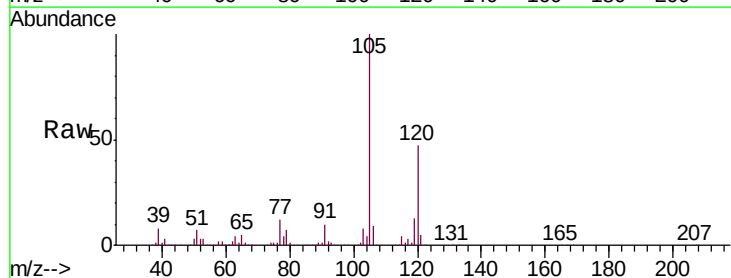
Acq: 23 Nov 2020 16:57

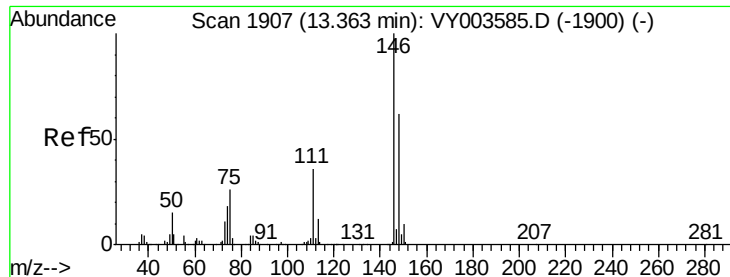
Tgt Ion:105 Resp: 209646

Ion Ratio Lower Upper

105 100

120 47.8 38.2 57.4

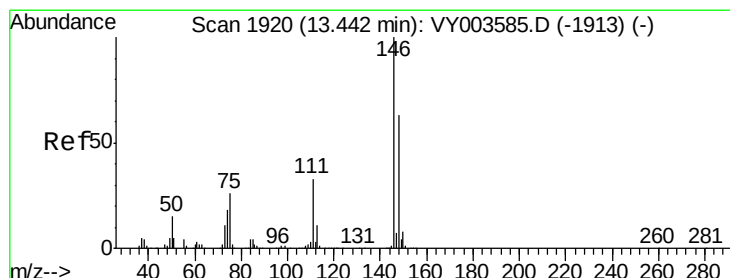
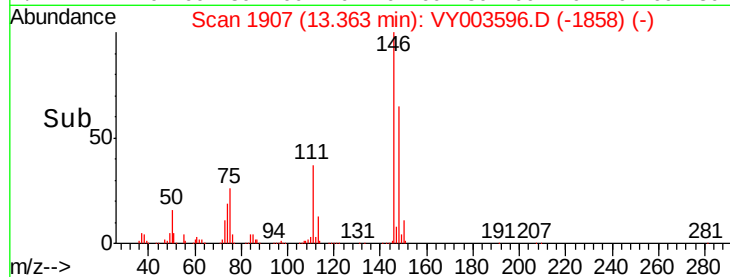
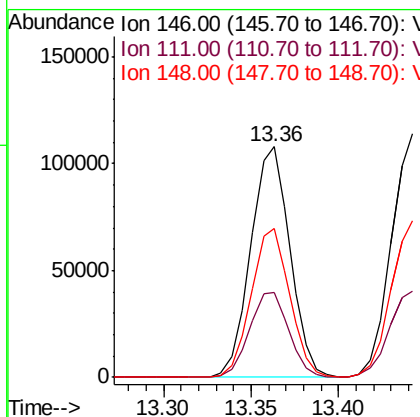
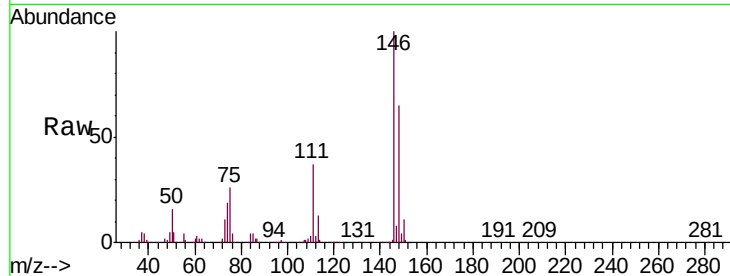




#64
 1,3-Dichlorobenzene
 Concen: 26.226 ug/L
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY003596.D
 Acq: 23 Nov 2020 16:57

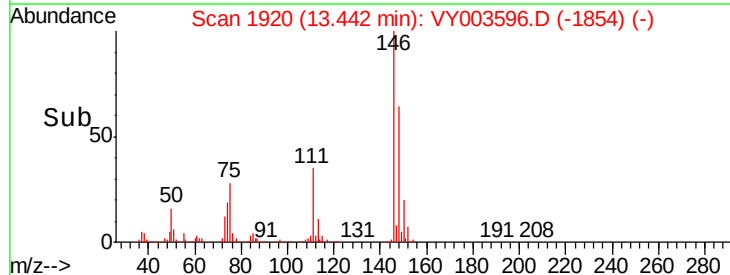
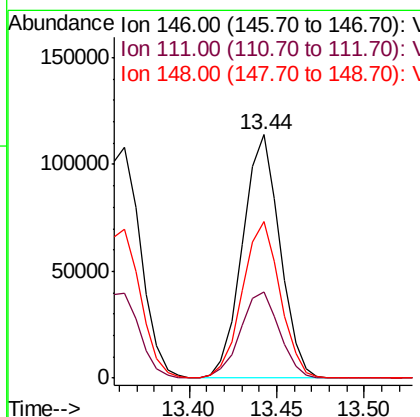
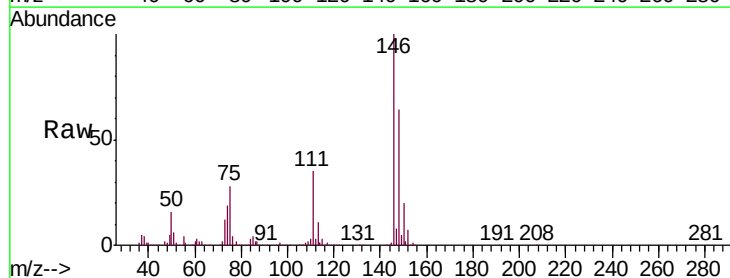
Instrument :
 MSVOA_Y
 ClientSampleId :
 VBLK84

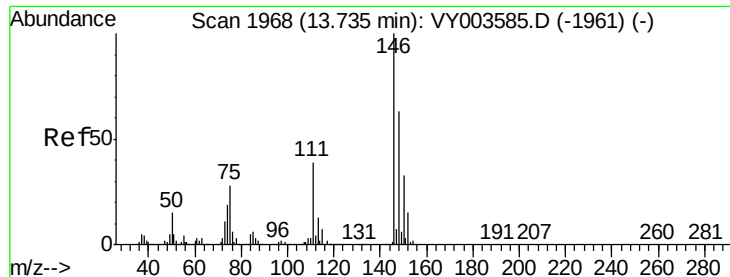
Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.6	25.5	47.3
148	64.6	43.3	80.5



#65
 1,4-Dichlorobenzene
 Concen: 25.436 ug/L
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY003596.D
 Acq: 23 Nov 2020 16:57

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.5	23.4	43.6
148	64.2	44.2	82.2

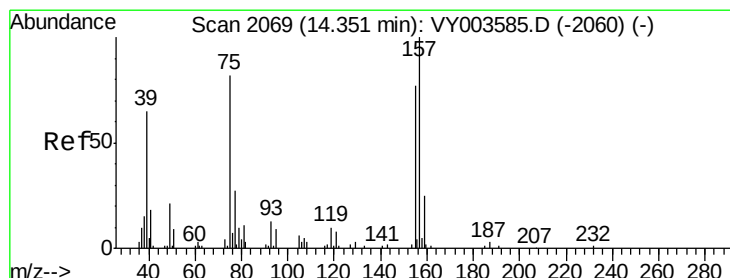
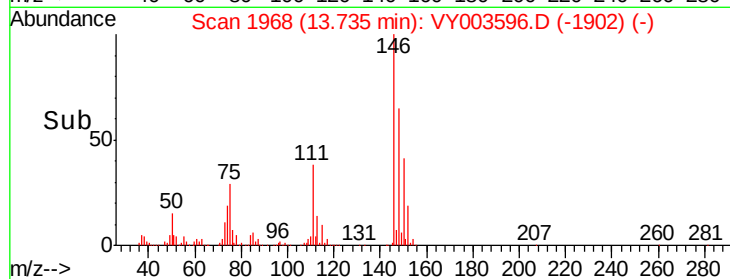
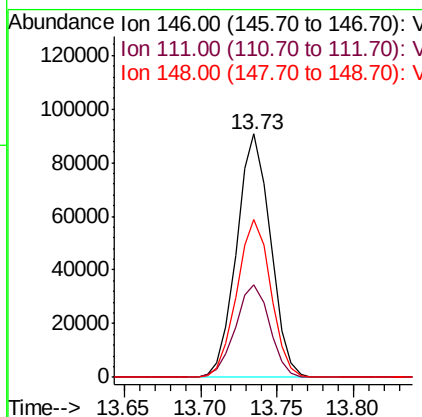
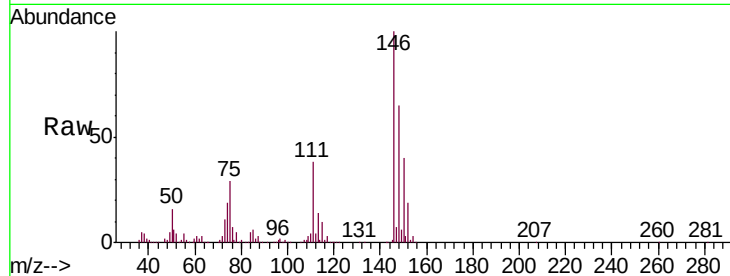




#67
 1,2-Dichlorobenzene
 Concen: 25.672 ug/L
 RT: 13.73 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VY003596.D
 Acq: 23 Nov 2020 16:57

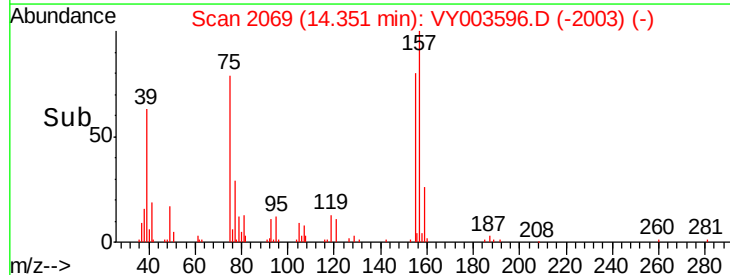
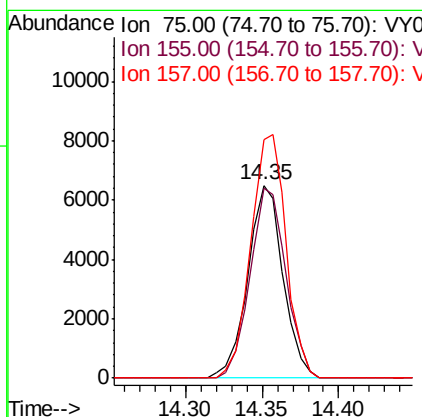
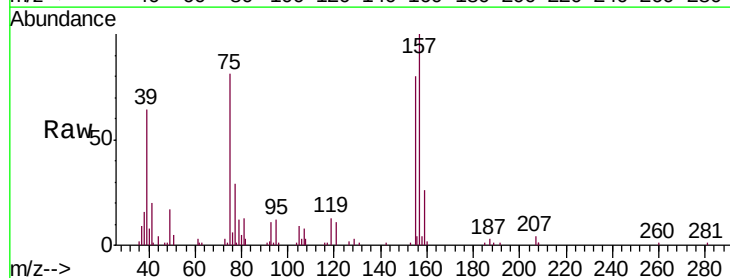
Instrument :
 MSVOA_Y
 ClientSampleId :
 VBLK84

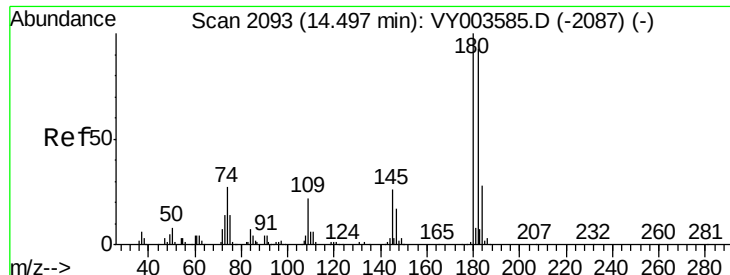
Tgt Ion: 146 Resp: 139376
 Ion Ratio Lower Upper
 146 100
 111 37.9 31.4 47.2
 148 64.6 50.2 75.4



#68
 1,2-Dibromo-3-chloropropane
 Concen: 23.722 ug/L
 RT: 14.35 min Scan# 2069
 Delta R.T. -0.00 min
 Lab File: VY003596.D
 Acq: 23 Nov 2020 16:57

Tgt Ion: 75 Resp: 10349
 Ion Ratio Lower Upper
 75 100
 155 98.3 74.5 111.7
 157 123.6 97.0 145.6





#69

1,3,5-Trichlorobenzene

Concen: 26.064 ug/L

RT: 14.50 min Scan# 2093

Delta R.T. -0.00 min

Lab File: VY003596.D

Acq: 23 Nov 2020 16:57

Instrument :

MSVOA_Y

ClientSampleId :

VBLK84

Tgt Ion:180 Resp: 90325

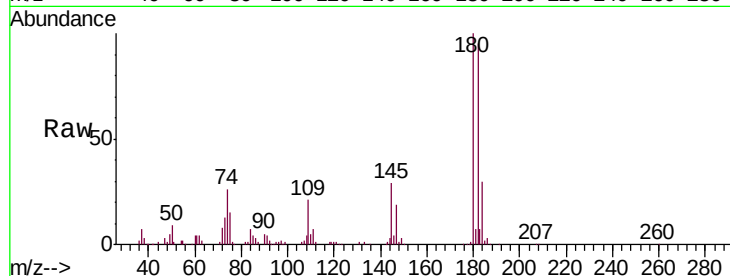
Ion Ratio Lower Upper

180 100

182 95.0 76.6 115.0

184 30.2 23.5 35.3

145 27.2 21.5 32.3

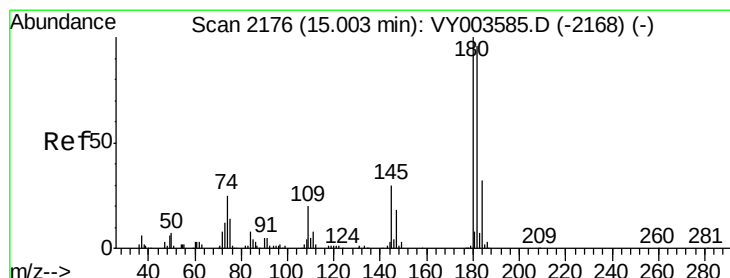
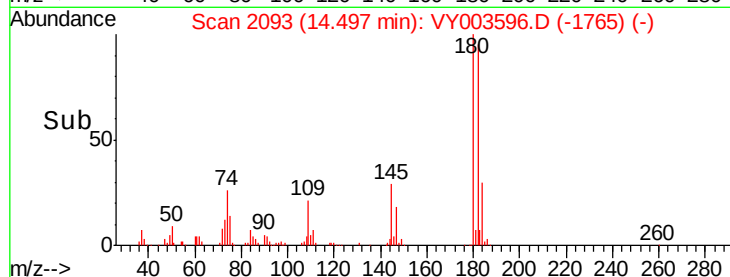
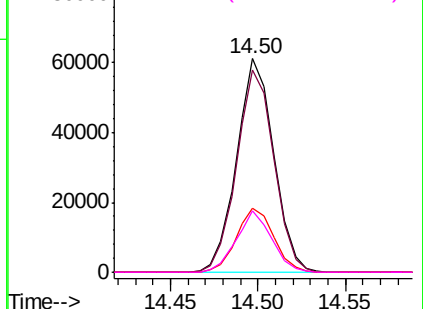


Abundance Ion 180.00 (179.70 to 180.70): V

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



#70

1,2,4-trichlorobenzene

Concen: 25.797 ug/L

RT: 15.00 min Scan# 2176

Delta R.T. -0.00 min

Lab File: VY003596.D

Acq: 23 Nov 2020 16:57

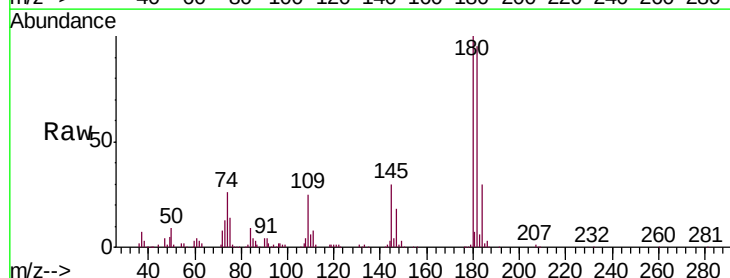
Tgt Ion:180 Resp: 77337

Ion Ratio Lower Upper

180 100

182 95.1 75.7 113.5

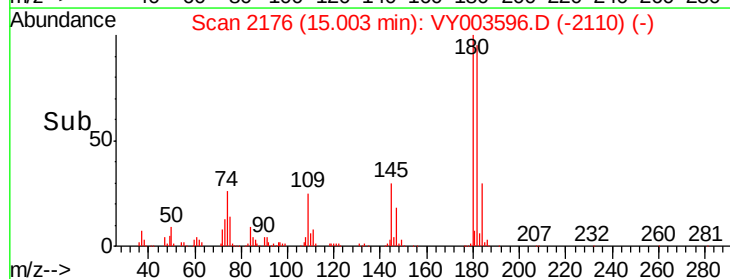
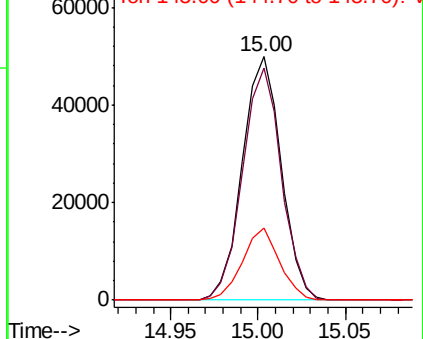
145 28.2 22.5 33.7

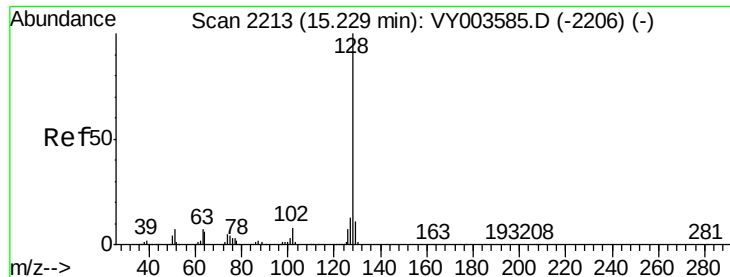


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

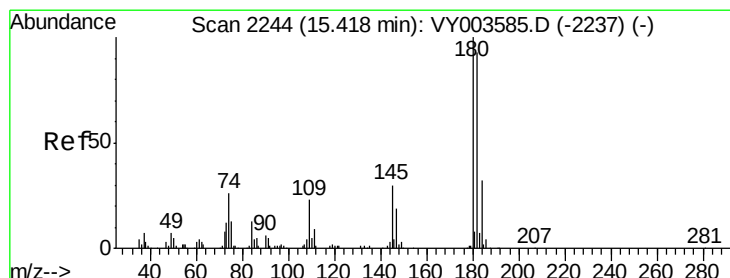
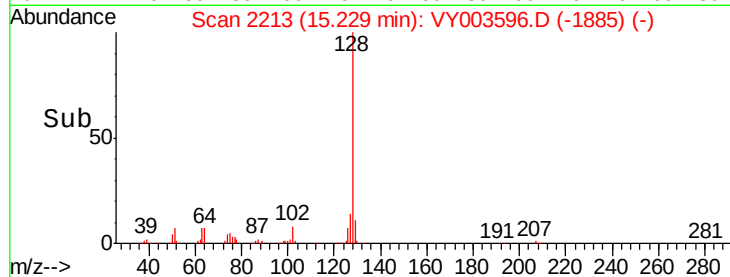
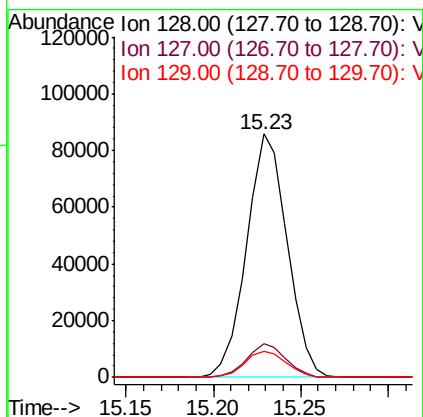
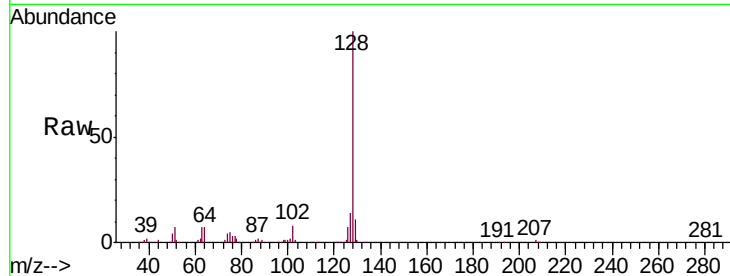




#71
Naphthalene
Concen: 25.641 ug/L
RT: 15.23 min Scan# 2213
Delta R.T. -0.00 min
Lab File: VY003596.D
Acq: 23 Nov 2020 16:57

Instrument :
MSVOA_Y
ClientSampleId :
VBLK84

Tgt Ion:128 Resp: 138854
Ion Ratio Lower Upper
128 100
127 13.4 10.6 15.8
129 11.0 9.3 13.9



#72
1,2,3-Trichlorobenzene
Concen: 26.251 ug/L
RT: 15.42 min Scan# 2244
Delta R.T. -0.00 min
Lab File: VY003596.D
Acq: 23 Nov 2020 16:57

Tgt Ion:180 Resp: 59475
Ion Ratio Lower Upper
180 100
182 95.7 75.0 112.4
145 29.8 23.6 35.4

