

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY111820\
 Data File : VY003538.D
 Acq On : 18 Nov 2020 19:56
 Operator : SY/MD
 Sample : VSTIVC025
 Misc : 5.00G/10ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VICV80

Quant Time: Nov 19 06:50:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM111820S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 19 06:49:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.69	114	248446	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	227392	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.42	152	112919	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	58500	28.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	113.44%
7) Chloroethane-d5	2.77	69	56137	23.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.24%
10) 1,1-Dichloroethene-d2	3.86	63	153991	23.94	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	95.76%
20) 2-Butanone-d5	6.91	46	69394	53.81	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.62%
24) Chloroform-d	7.49	84	156310	25.10	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.40%
26) 1,2-Dichloroethane-d4	8.15	65	87655	25.09	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.36%
29) Benzene-d6	8.11	84	317735	24.34	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.36%
33) 1,2-Dichloropropane-d6	9.13	67	96115	24.75	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.00%
37) Toluene-d8	10.18	98	292569	25.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.84%
38) trans-1,3-Dichloropropene-	10.44	79	48594	25.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.84%
39) 2-Hexanone-d5	10.79	63	51695	54.07	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.14%
48) 1,1,2,2-Tetrachloroethane-	12.56	84	84960	26.46	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.84%
61) 1,2-Dichlorobenzene-d4	13.72	152	90291	25.53	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.12%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.92	85	37246	25.973	ug/L 85
3) Chloromethane	2.11	50	71835	25.476	ug/L 98
5) Vinyl chloride	2.26	62	84596	32.153	ug/L 97
6) Bromomethane	2.67	94	62431	25.533	ug/L 99
8) Chloroethane	2.81	64	54569	25.447	ug/L 94
9) Trichlorofluoromethane	3.13	101	78426	25.666	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	3.91	101	80305	25.514	ug/L 98
12) 1,1-Dichloroethene	3.88	96	85909	25.383	ug/L 97
13) Acetone	3.97	43	44843	45.313	ug/L 98
14) Carbon disulfide	4.20	76	283304	25.953	ug/L 99
15) Methyl Acetate	4.49	43	59867	25.109	ug/L 97
16) Methylene chloride	4.72	84	99397	20.702	ug/L 97
17) Methyl tert-butyl Ether	5.23	73	141534	26.334	ug/L 99
18) trans-1,2-Dichloroethene	5.23	96	90928	25.024	ug/L 94
19) 1,1-Dichloroethane	6.03	63	156526	25.194	ug/L 99
21) 2-Butanone	7.00	43	80161	49.928	ug/L 98
22) cis-1,2-Dichloroethene	6.99	96	94524	24.849	ug/L 95

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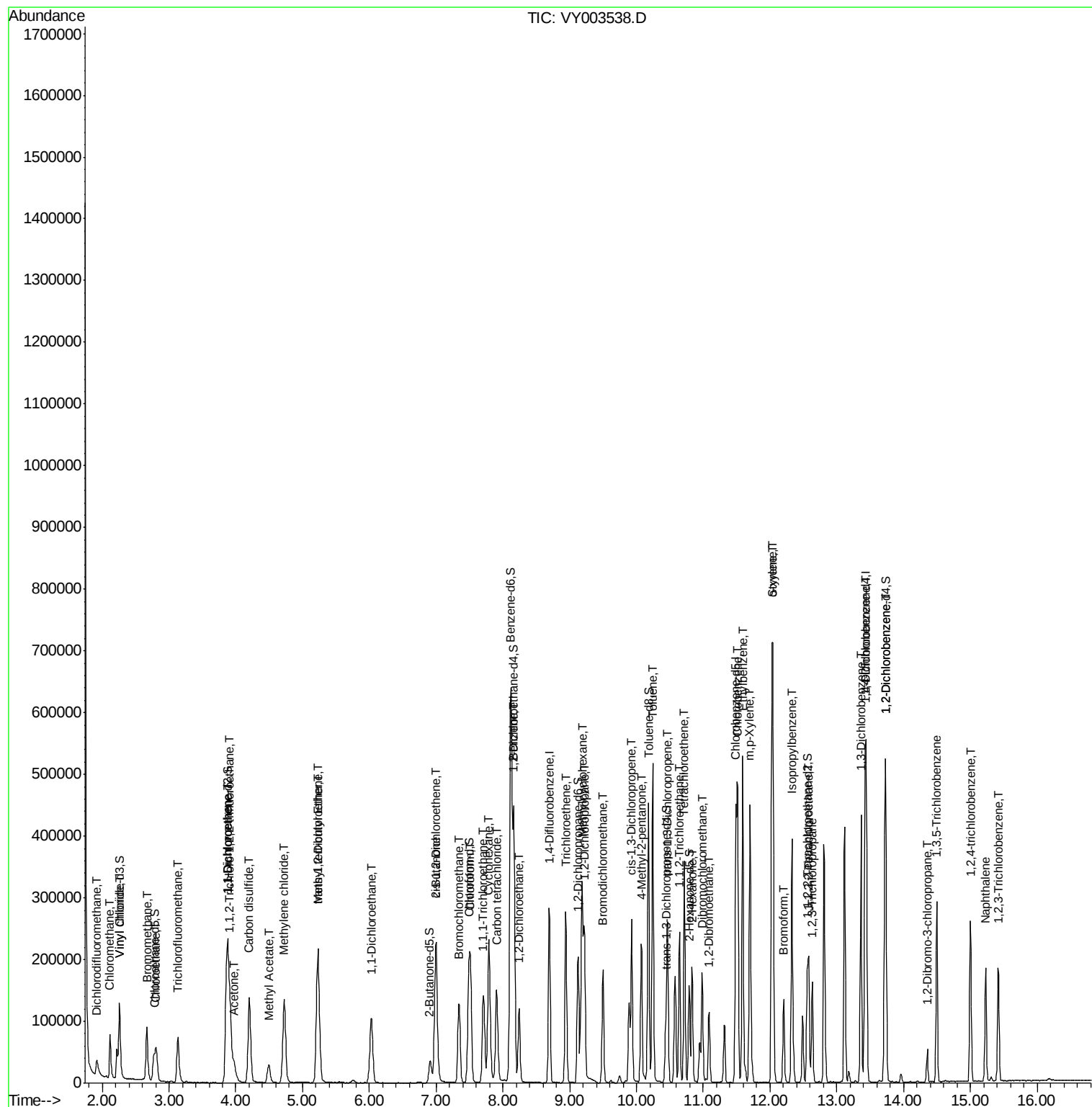
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.34	128	46603	25.333	ug/L	98
25) Chloroform	7.52	83	153126	25.214	ug/L	100
27) 1,2-Dichloroethane	8.24	62	104803	25.458	ug/L	96
30) Cyclohexane	7.79	56	136311	25.600	ug/L	99
31) 1,1,1-Trichloroethane	7.71	97	120400	25.540	ug/L	98
32) Carbon tetrachloride	7.91	117	112072	25.329	ug/L	97
34) Benzene	8.17	78	358229	24.829	ug/L	100
35) Trichloroethene	8.94	95	88636	24.621	ug/L	99
36) Methylcyclohexane	9.19	83	134806	24.523	ug/L	96
40) 1,2-Dichloropropane	9.22	63	88464	24.672	ug/L	100
41) Bromodichloromethane	9.50	83	115810	25.346	ug/L	94
42) cis-1,3-Dichloropropene	9.93	75	145245	25.917	ug/L	95
43) 4-Methyl-2-pentanone	10.07	43	153109	50.809	ug/L	99
44) Toluene	10.24	91	375670	25.236	ug/L	97
45) trans-1,3-Dichloropropene	10.47	75	131793	25.766	ug/L	99
46) 1,1,2-Trichloroethane	10.64	97	73366	25.517	ug/L	99
47) Tetrachloroethene	10.72	164	76384	24.354	ug/L	97
49) 2-Hexanone	10.83	43	117248	52.442	ug/L	99
50) Dibromochloromethane	10.99	129	87511	25.910	ug/L	94
51) 1,2-Dibromoethane	11.09	107	72605	25.513	ug/L	95
52) Chlorobenzene	11.52	112	240448	25.161	ug/L	99
53) Ethylbenzene	11.59	91	387526	25.742	ug/L	97
54) m,p-Xylene	11.70	106	150435	25.661	ug/L	100
55) o-xylene	12.03	106	123752	25.196	ug/L	99
56) Styrene	12.04	104	249963	25.972	ug/L	97
57) Isopropylbenzene	12.33	105	271263	25.227	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.58	83	85004	26.726	ug/L	100
59) 1,2,3-Trichloropropane	12.63	75	64248	26.061	ug/L	99
62) Bromoform	12.20	173	58728	25.405	ug/L	100
63) 1,3-Dichlorobenzene	13.36	146	176558	25.124	ug/L	98
64) 1,4-Dichlorobenzene	13.44	146	178133	24.549	ug/L	98
65) 1,2-Dichlorobenzene	13.73	146	145280	25.122	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.35	75	11978	26.503	ug/L	91
67) 1,3,5-Trichlorobenzene	14.50	180	89612	24.449	ug/L	100
68) 1,2,4-trichlorobenzene	15.00	180	78982	24.832	ug/L	97
69) Naphthalene	15.23	128	150915	26.743	ug/L	100
70) 1,2,3-Trichlorobenzene	15.42	180	61468	25.362	ug/L	98

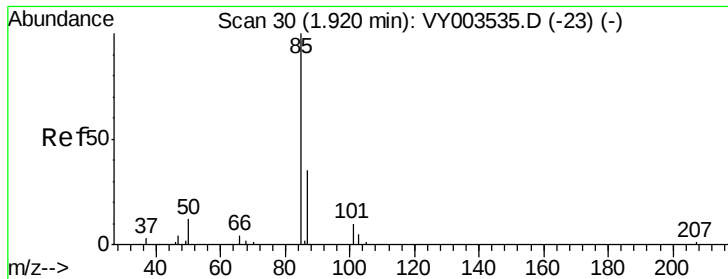
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 25.973 ug/L

RT: 1.92 min Scan# 30

Delta R.T. -0.00 min

Lab File: VY003538.D

Acq: 18 Nov 2020 19:56

Instrument :

MSVOA_Y

ClientSampleId :

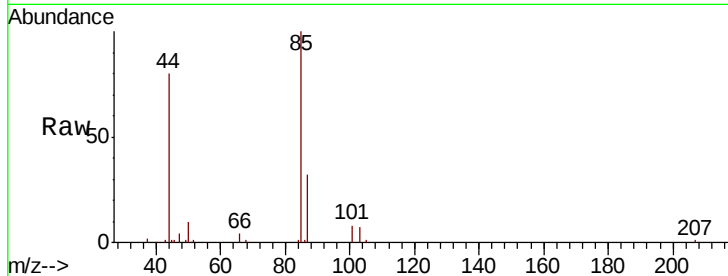
VICV80

Tot Ion: 85 Resp: 37246

Ion Ratio Lower Upper

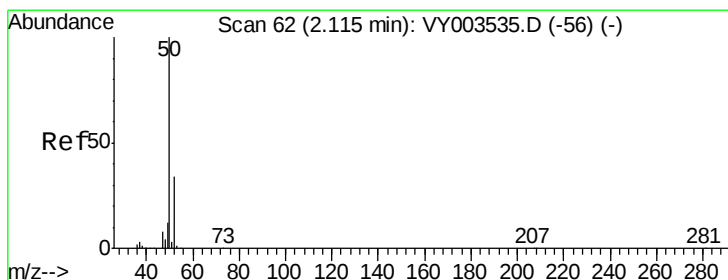
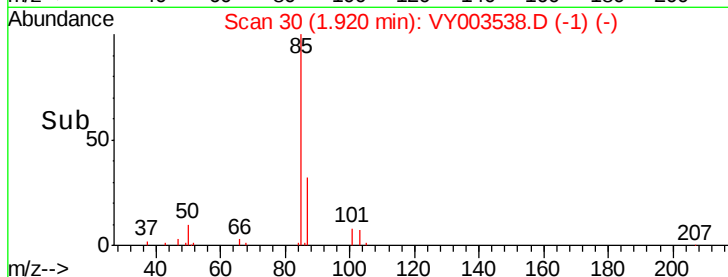
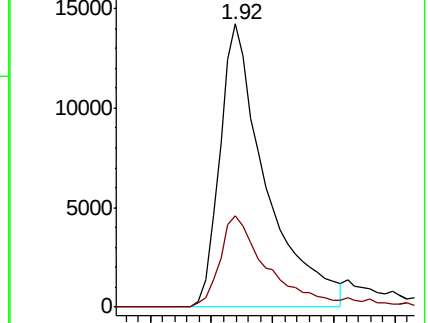
85 100

87 32.8 17.7 32.9



Abundance Ion 85.00 (84.70 to 85.70): VY0

Ion 87.00 (86.70 to 87.70): VY0



#3

Chloromethane

Concen: 25.476 ug/L

RT: 2.11 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003538.D

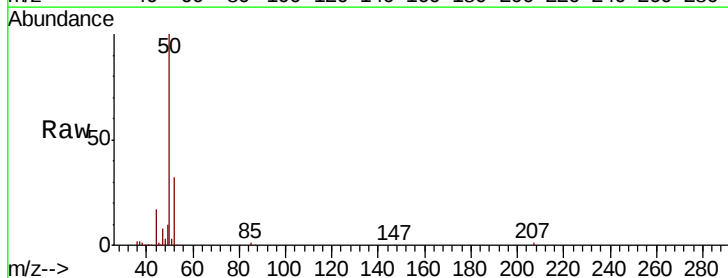
Acq: 18 Nov 2020 19:56

Tgt Ion: 50 Resp: 71835

Ion Ratio Lower Upper

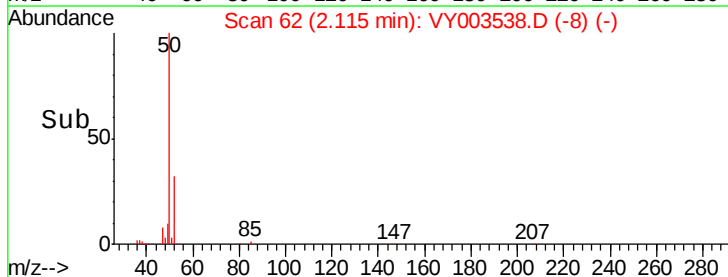
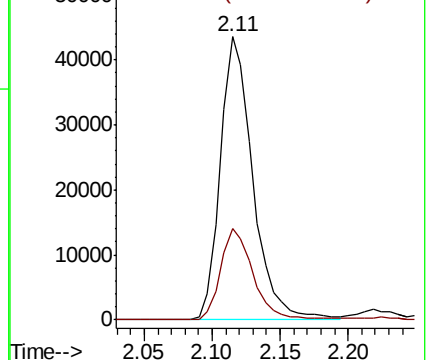
50 100

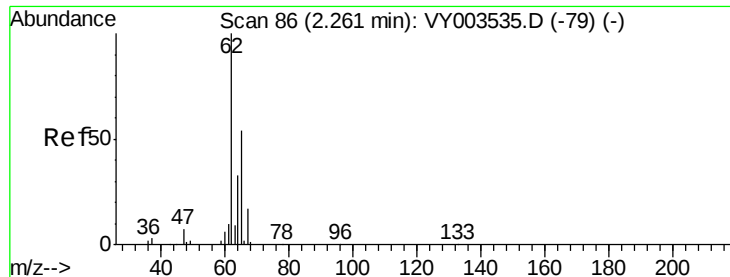
52 32.5 23.7 43.9



Abundance Ion 50.00 (49.70 to 50.70): VY0

Ion 52.00 (51.70 to 52.70): VY0





#5

Vinyl chloride

Concen: 32.153 ug/L

RT: 2.26 min Scan# 86

Delta R.T. -0.00 min

Lab File: VY003538.D

Acq: 18 Nov 2020 19:56

Instrument :

MSVOA_Y

ClientSampled :

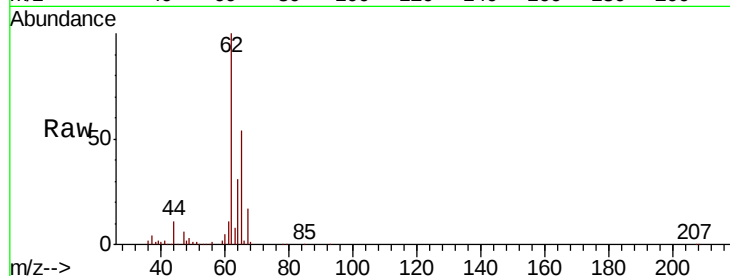
VICV80

Tot Ion: 62 Resp: 84596

Ion Ratio Lower Upper

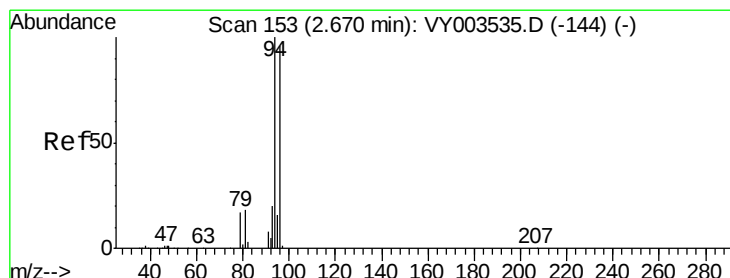
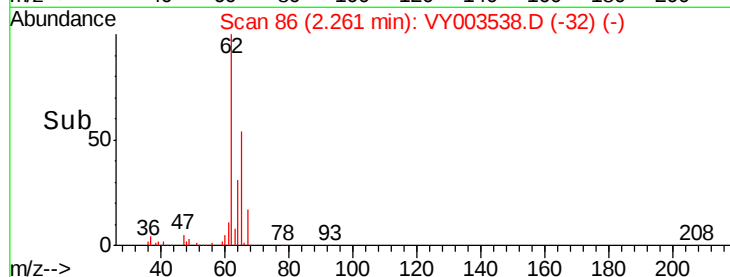
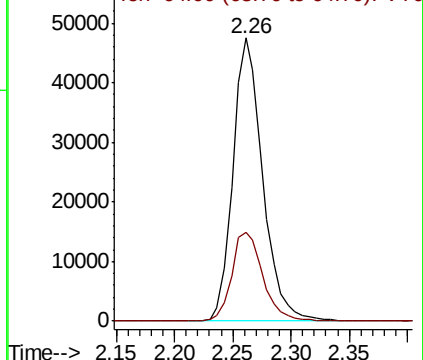
62 100

64 31.3 23.0 42.8



Abundance Ion 62.00 (61.70 to 62.70): VY0

Ion 64.00 (63.70 to 64.70): VY0



#6

Bromomethane

Concen: 25.533 ug/L

RT: 2.67 min Scan# 153

Delta R.T. -0.00 min

Lab File: VY003538.D

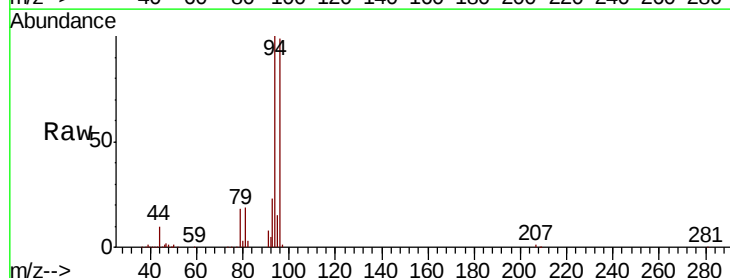
Acq: 18 Nov 2020 19:56

Tgt Ion: 94 Resp: 62431

Ion Ratio Lower Upper

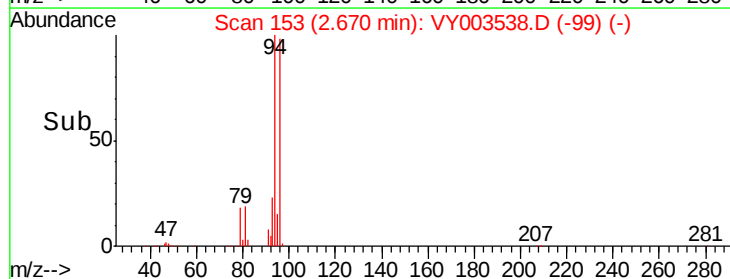
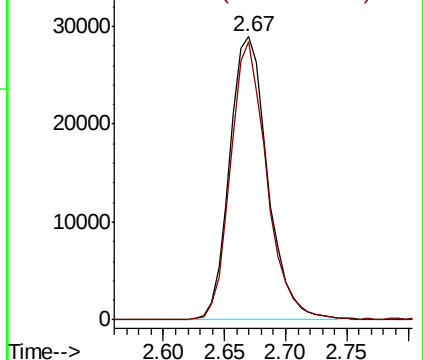
94 100

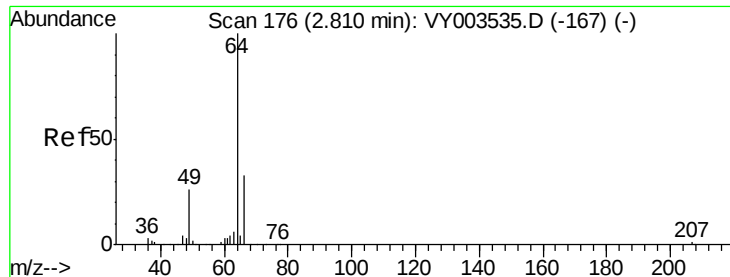
96 93.7 9.4 179.4



Abundance Ion 94.00 (93.70 to 94.70): VY0

Ion 96.00 (95.70 to 96.70): VY0

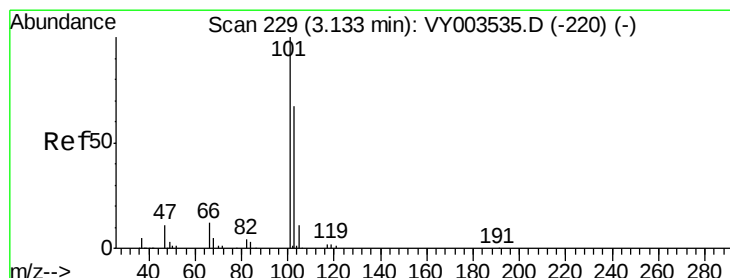
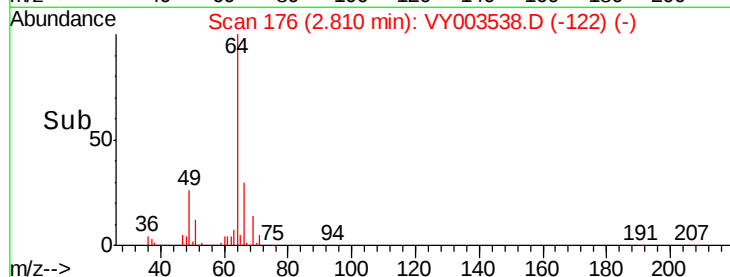
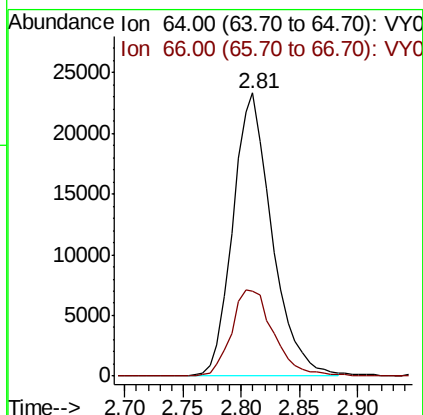
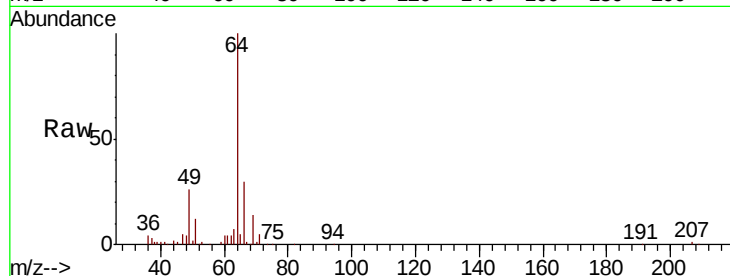




#8
Chloroethane
Concen: 25.447 ug/L
RT: 2.81 min Scan# 176
Delta R.T. -0.00 min
Lab File: VY003538.D
Acq: 18 Nov 2020 19:56

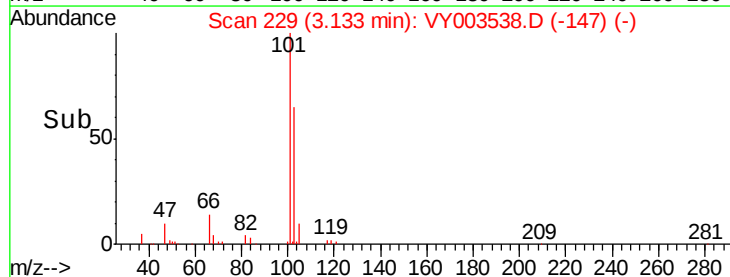
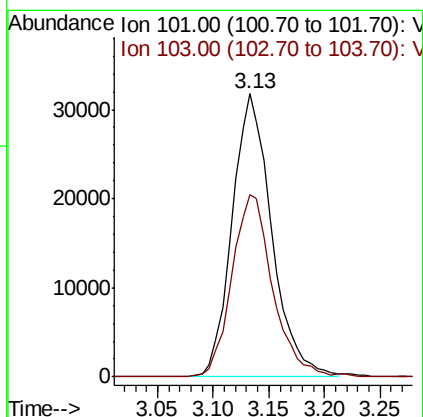
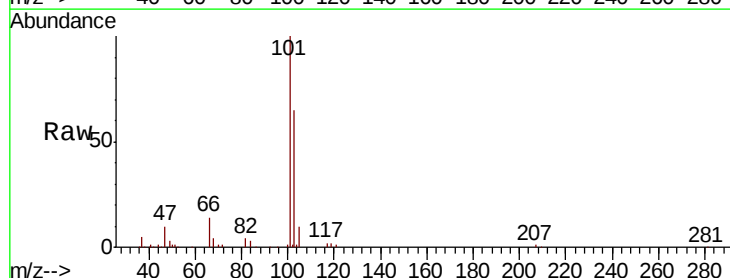
Instrument :
MSVOA_Y
ClientSampleId :
VICV80

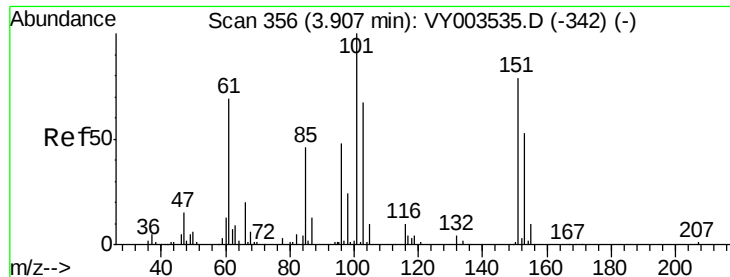
Tot Ion: 64 Resp: 54569
Ion Ratio Lower Upper
64 100
66 30.0 23.4 43.4



#9
Trichlorofluoromethane
Concen: 25.666 ug/L
RT: 3.13 min Scan# 229
Delta R.T. -0.00 min
Lab File: VY003538.D
Acq: 18 Nov 2020 19:56

Tgt Ion: 101 Resp: 78426
Ion Ratio Lower Upper
101 100
103 65.9 46.5 86.3





#11

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

Concen: 25.514 ug/L

RT: 3.91 min Scan# 356

Delta R.T. -0.00 min

Lab File: VY003538.D

Acq: 18 Nov 2020 19:56

Instrument :

MSVOA_Y

ClientSampleId :

VICV80

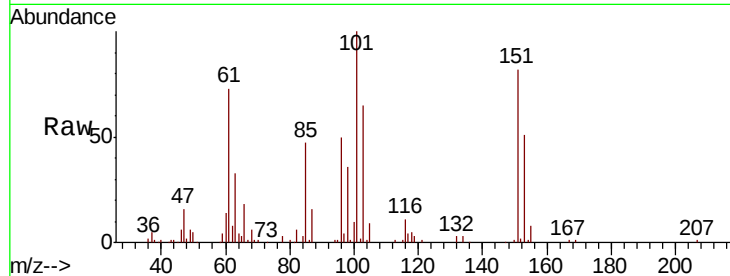
Tot Ion:101 Resp: 80305

Ion Ratio Lower Upper

101 100

85 43.5 35.9 53.9

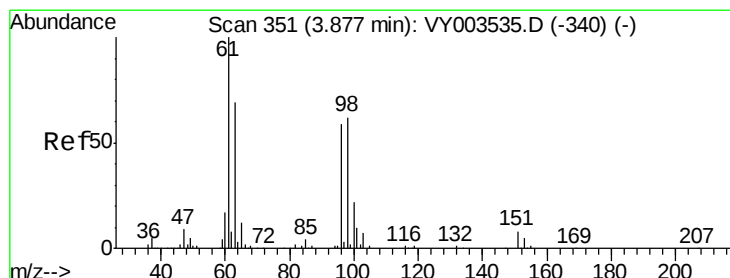
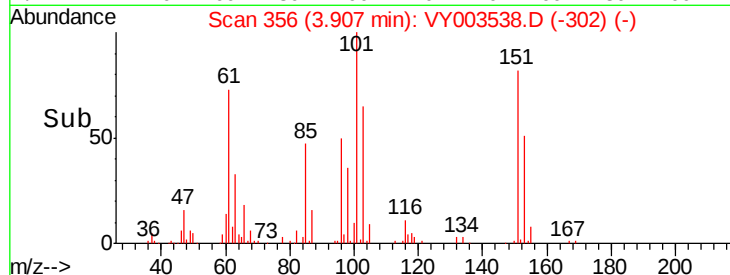
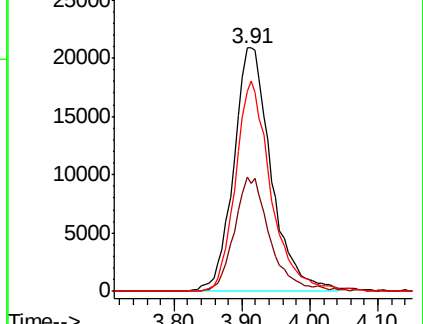
151 80.2 65.2 97.8



Abundance Ion 101.00 (100.70 to 101.70): VY003535.D (-342) (-)

Ion 85.00 (84.70 to 85.70): VY003535.D (-342) (-)

Ion 151.00 (150.70 to 151.70): VY003535.D (-342) (-)



#12

1,1-Dichloroethene

Concen: 25.383 ug/L

RT: 3.88 min Scan# 351

Delta R.T. -0.00 min

Lab File: VY003538.D

Acq: 18 Nov 2020 19:56

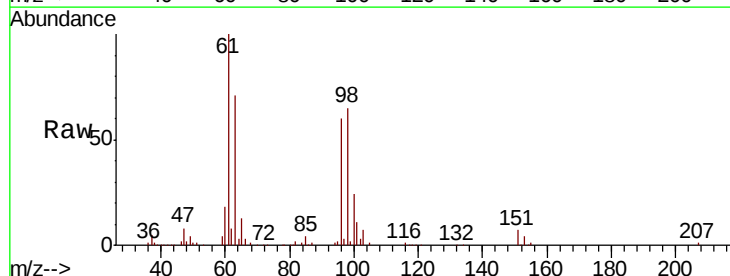
Tgt Ion: 96 Resp: 85909

Ion Ratio Lower Upper

96 100

61 165.5 119.3 221.5

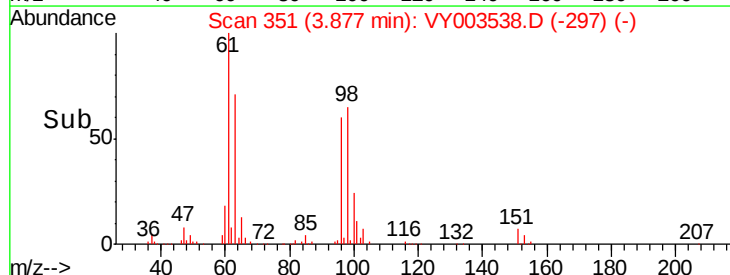
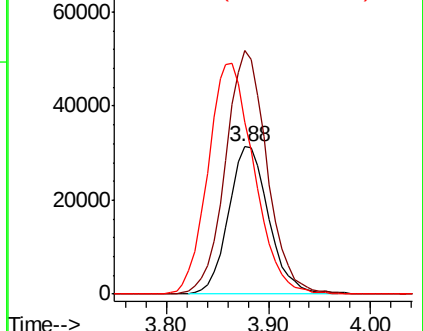
63 117.1 83.6 155.2

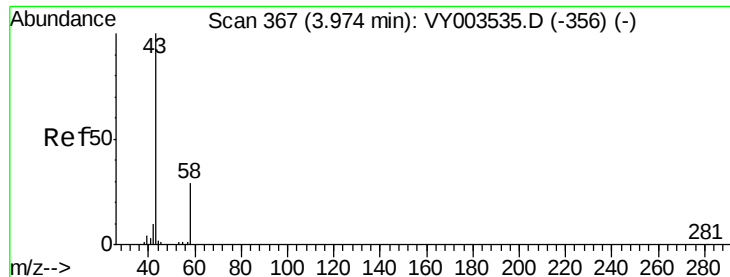


Abundance Ion 96.00 (95.70 to 96.70): VY003535.D (-340) (-)

Ion 61.00 (60.70 to 61.70): VY003535.D (-340) (-)

Ion 63.00 (62.70 to 63.70): VY003535.D (-340) (-)





#13

Acetone

Concen: 45.313 ug/L

RT: 3.97 min Scan# 367

Delta R.T. -0.00 min

Lab File: VY003538.D

Acq: 18 Nov 2020 19:56

Instrument :

MSVOA_Y

ClientSampled :

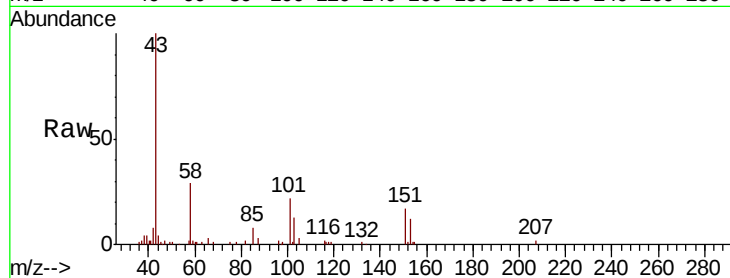
VICV80

Tot Ion: 43 Resp: 44843

Ion Ratio Lower Upper

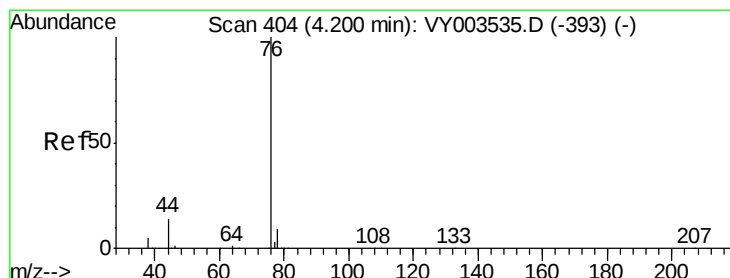
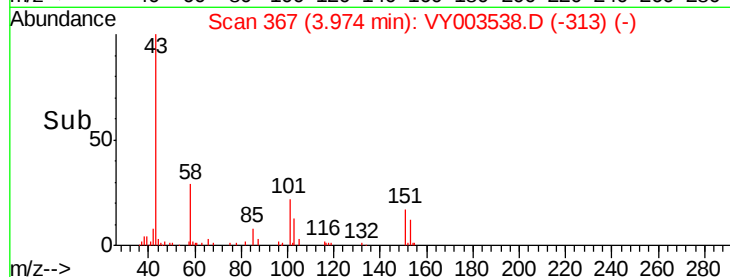
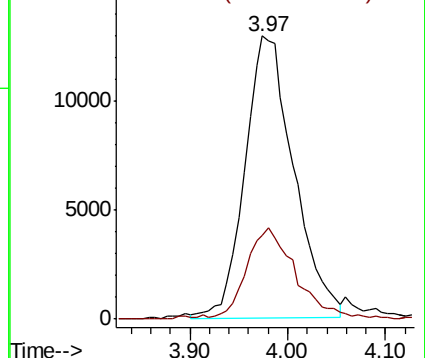
43 100

58 29.8 0.0 62.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#14

Carbon disulfide

Concen: 25.953 ug/L

RT: 4.20 min Scan# 404

Delta R.T. -0.00 min

Lab File: VY003538.D

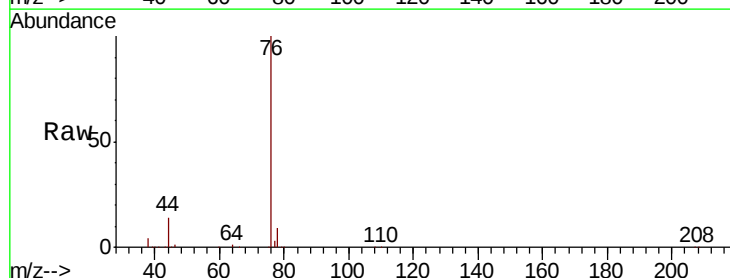
Acq: 18 Nov 2020 19:56

Tgt Ion: 76 Resp: 283304

Ion Ratio Lower Upper

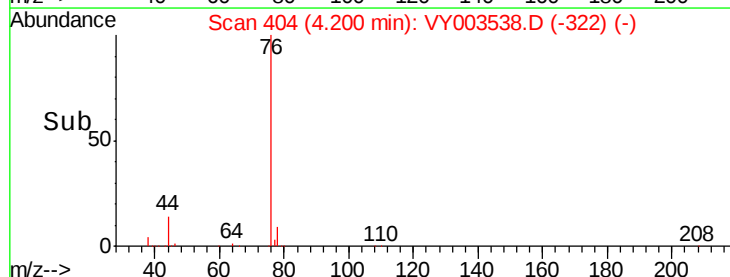
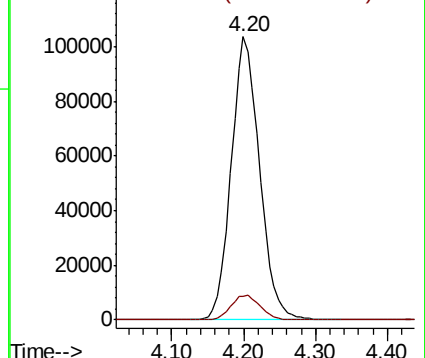
76 100

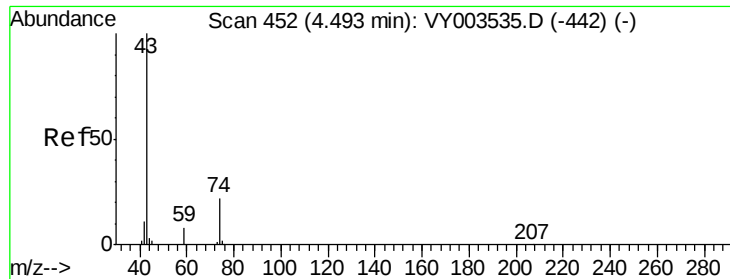
78 8.5 7.2 10.8



Abundance Ion 76.00 (75.70 to 76.70): VY0

Ion 78.00 (77.70 to 78.70): VY0

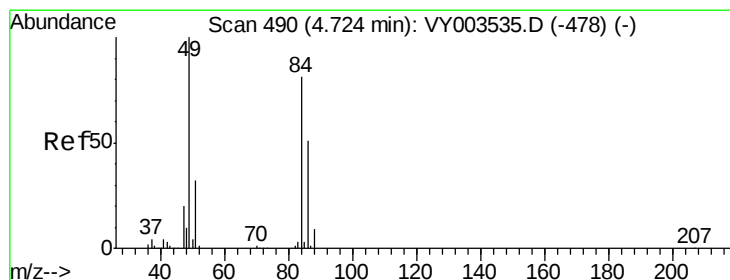
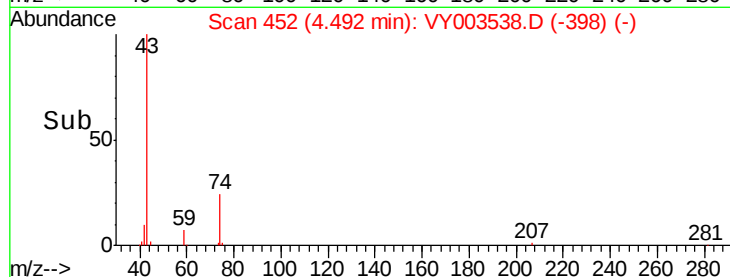
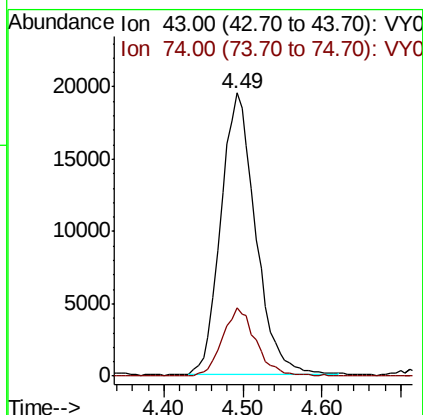
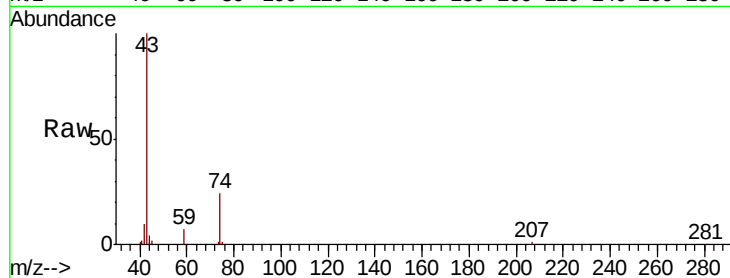




#15
Methvl Acetate
Concen: 25.109 ug/L
RT: 4.49 min Scan# 452
Delta R.T. -0.00 min
Lab File: VY003538.D
Acq: 18 Nov 2020 19:56

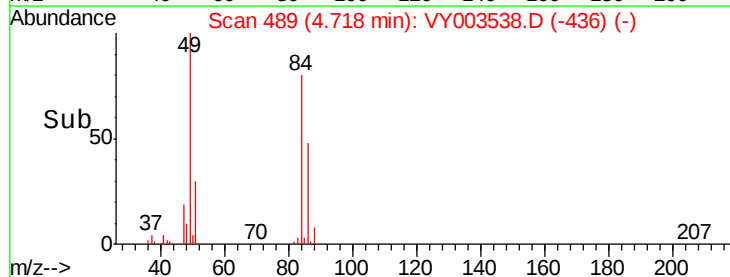
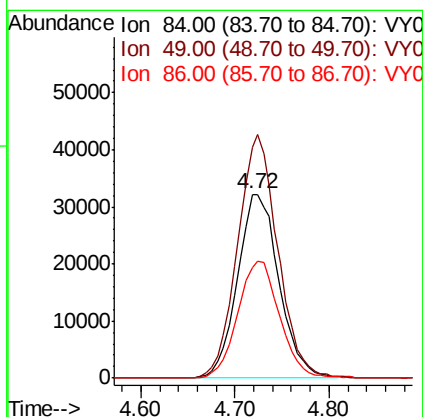
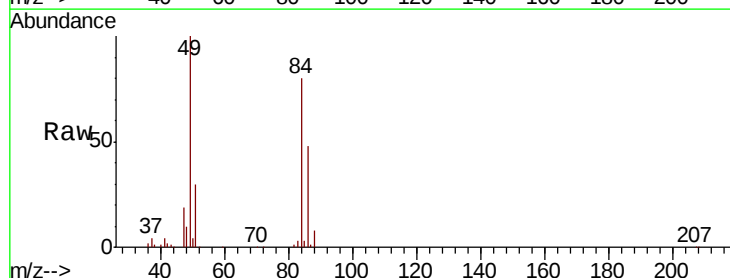
Instrument :
MSVOA_Y
ClientSampleId :
VICV80

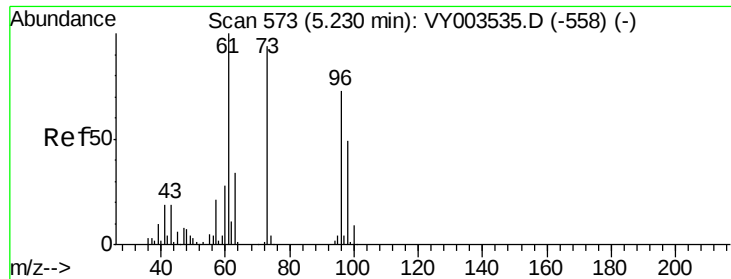
Tot Ion: 43 Resp: 59867
Ion Ratio Lower Upper
43 100
74 23.3 17.5 26.3



#16
Methylene chloride
Concen: 20.702 ug/L
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY003538.D
Acq: 18 Nov 2020 19:56

Tgt Ion: 84 Resp: 99397
Ion Ratio Lower Upper
84 100
49 125.7 87.1 161.7
86 59.9 44.7 83.1

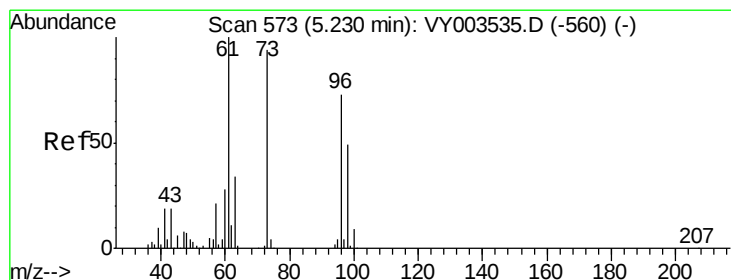
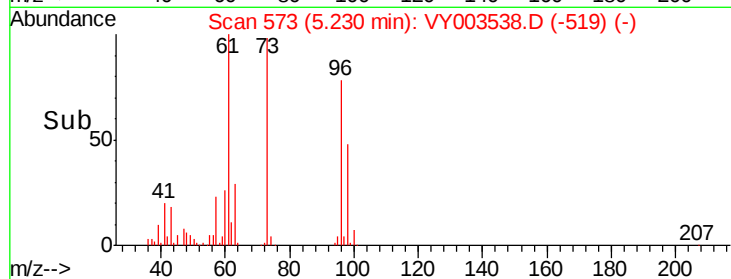
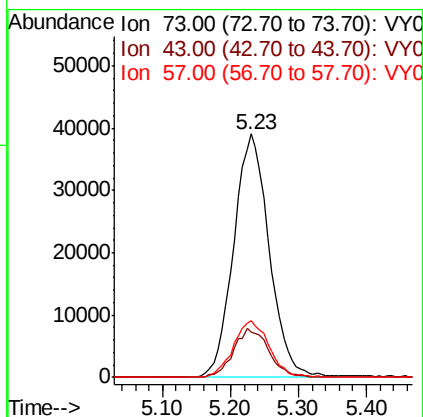
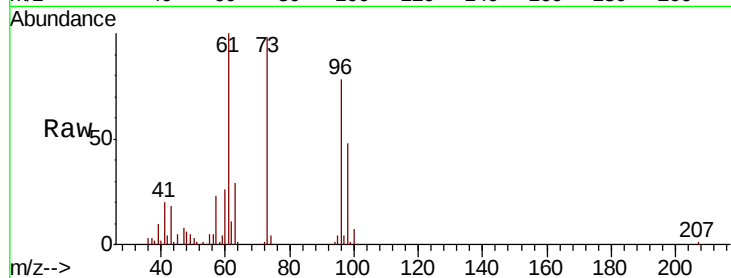




#17
Methvl tert-butvl Ether
Concen: 26.334 ug/L
RT: 5.23 min Scan# 573
Delta R.T. -0.00 min
Lab File: VY003538.D
Acq: 18 Nov 2020 19:56

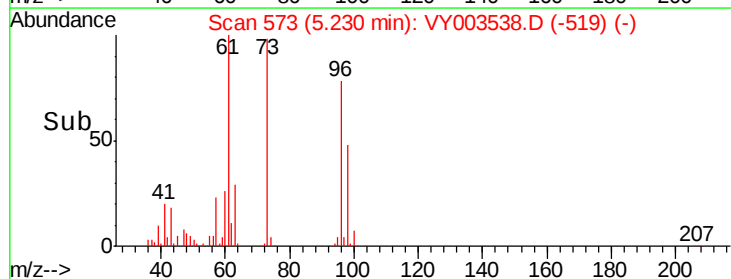
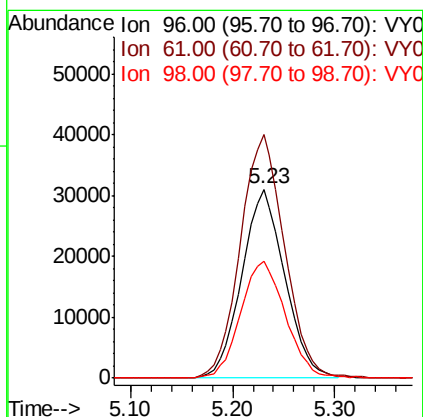
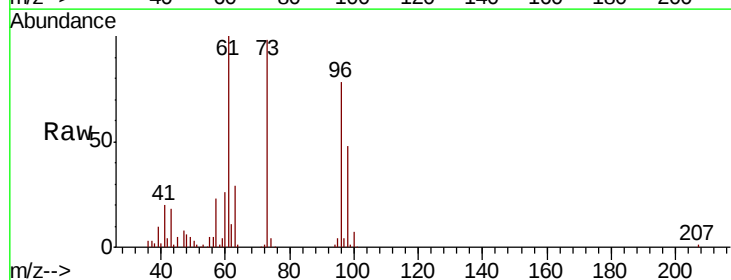
Instrument :
MSVOA_Y
ClientSampled :
VICV80

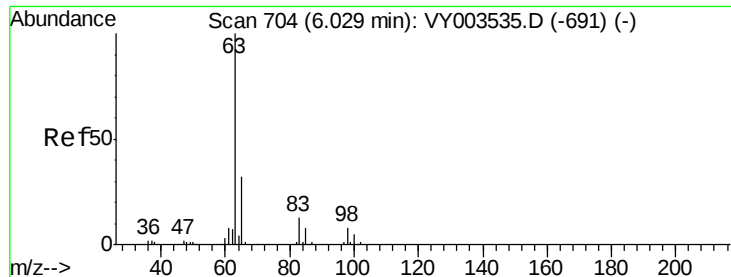
Tot Ion: 73 Resp: 141534
Ion Ratio Lower Upper
73 100
43 19.8 16.0 24.0
57 23.0 18.0 27.0



#18
trans-1,2-Dichloroethene
Concen: 25.024 ug/L
RT: 5.23 min Scan# 573
Delta R.T. -0.00 min
Lab File: VY003538.D
Acq: 18 Nov 2020 19:56

Tgt Ion: 96 Resp: 90928
Ion Ratio Lower Upper
96 100
61 128.7 95.5 177.3
98 62.1 46.4 86.2





#19

1,1-Dichloroethane

Concen: 25.194 ug/L

RT: 6.03 min Scan# 704

Delta R.T. -0.00 min

Lab File: VY003538.D

Acq: 18 Nov 2020 19:56

Instrument :

MSVOA_Y

ClientSampleId :

VICV80

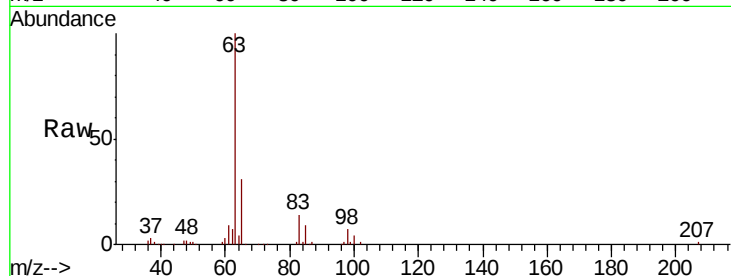
Tot Ion: 63 Resp: 156526

Ion Ratio Lower Upper

63 100

65 31.1 22.1 41.1

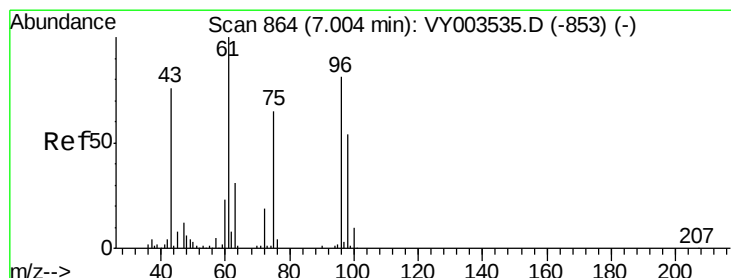
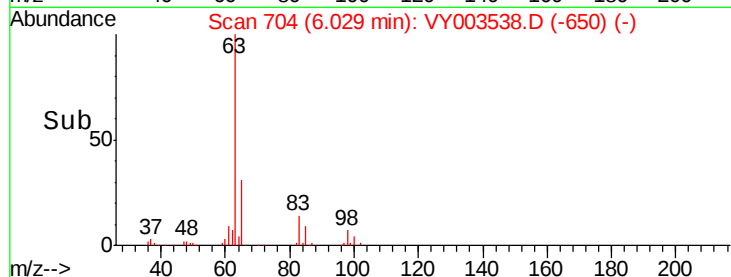
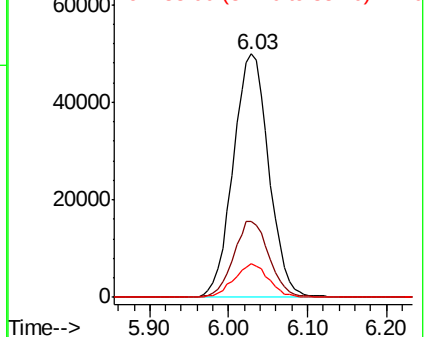
83 14.0 9.4 17.6



Abundance Ion 63.00 (62.70 to 63.70): VY0

Ion 65.00 (64.70 to 65.70): VY0

Ion 83.00 (82.70 to 83.70): VY0



#21

2-Butanone

Concen: 49.928 ug/L

RT: 7.00 min Scan# 864

Delta R.T. -0.00 min

Lab File: VY003538.D

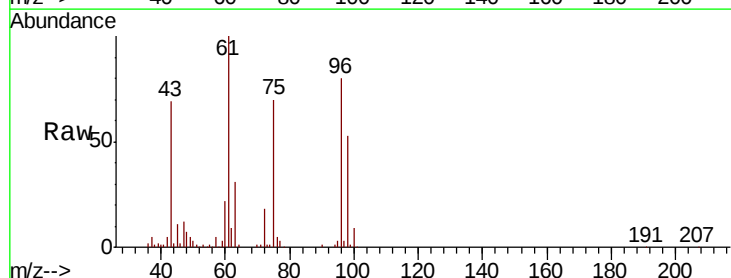
Acq: 18 Nov 2020 19:56

Tgt Ion: 43 Resp: 80161

Ion Ratio Lower Upper

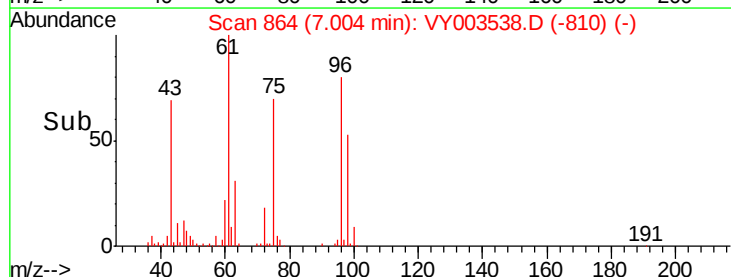
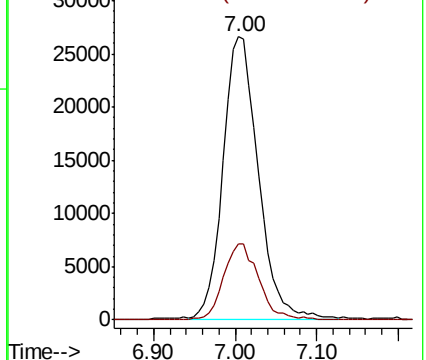
43 100

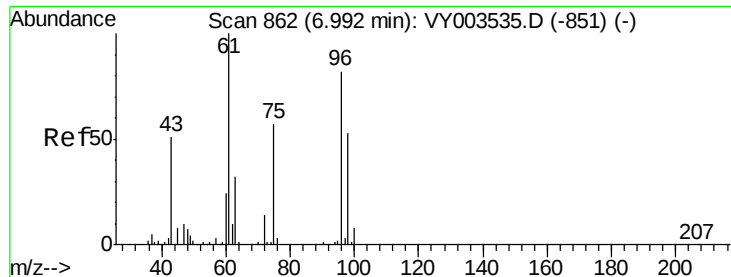
72 26.2 12.6 37.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



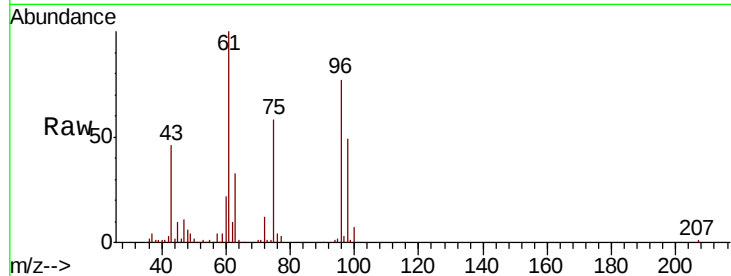


#22

cis-1,2-Dichloroethene
 Concen: 24.849 ug/L
 RT: 6.99 min Scan# 862
 Delta R.T. -0.00 min
 Lab File: VY003538.D
 Acq: 18 Nov 2020 19:56

Instrument :
 MSVOA_Y
 ClientSampleId :
 VICV80

Tot Ion	96	Resp	94524
Ion	Ratio	Lower	Upper
96	100		
61	129.8	85.3	158.3
98	63.9	44.9	83.3

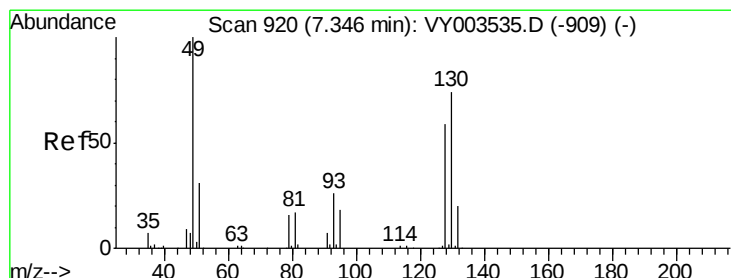
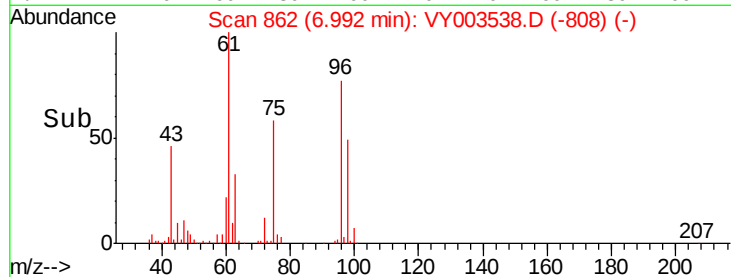
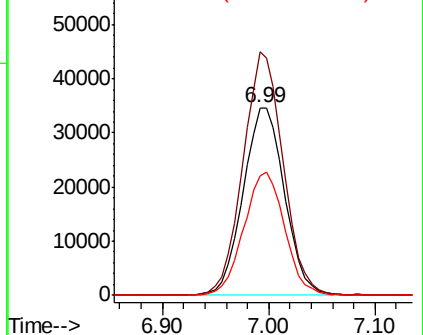


Abundance

Ion 96.00 (95.70 to 96.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

Ion 98.00 (97.70 to 98.70): VY0



#23

Bromochloromethane
 Concen: 25.333 ug/L
 RT: 7.34 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VY003538.D
 Acq: 18 Nov 2020 19:56

Tgt Ion	128	Resp	46603
Ion	Ratio	Lower	Upper
128	100		
49	166.7	118.8	220.6
130	123.4	87.8	163.0
51	50.9	42.5	63.7

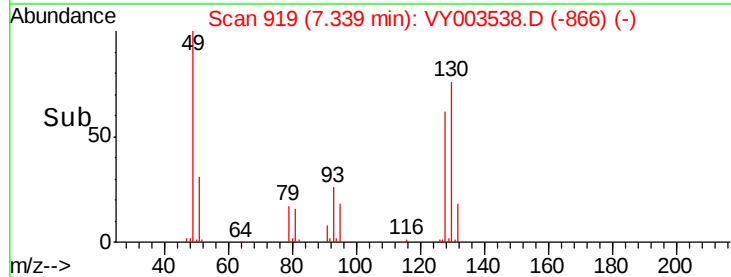
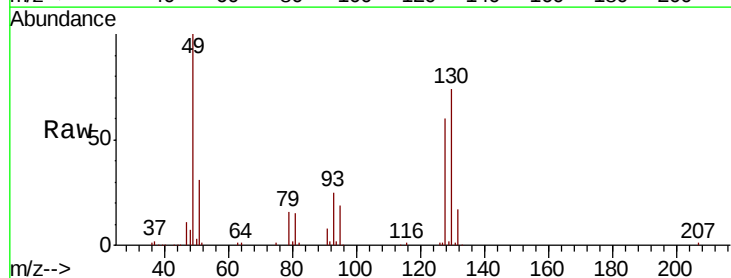
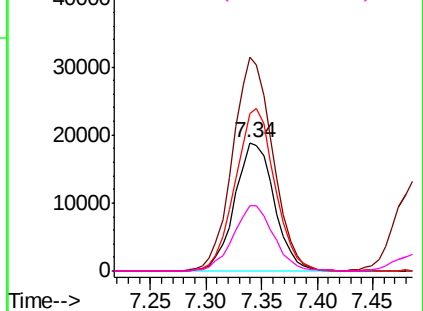
Abundance

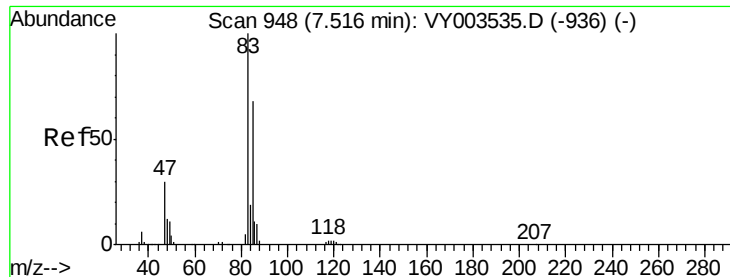
Ion 128.00 (127.70 to 128.70): V

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: 25.214 ug/L

RT: 7.52 min Scan# 948

Delta R.T. -0.00 min

Lab File: VY003538.D

Acq: 18 Nov 2020 19:56

Instrument :

MSVOA_Y

ClientSampleId :

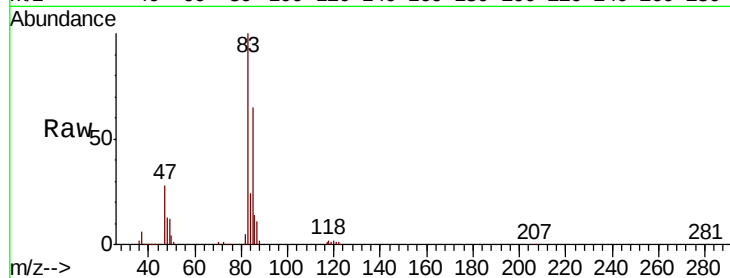
VICV80

Tot Ion: 83 Resp: 153126

Ion Ratio Lower Upper

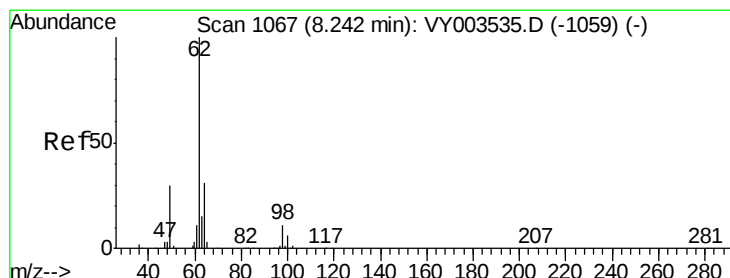
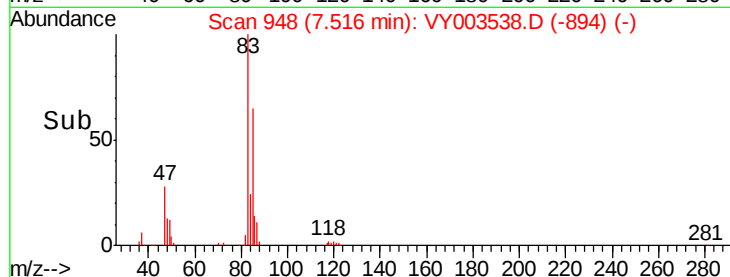
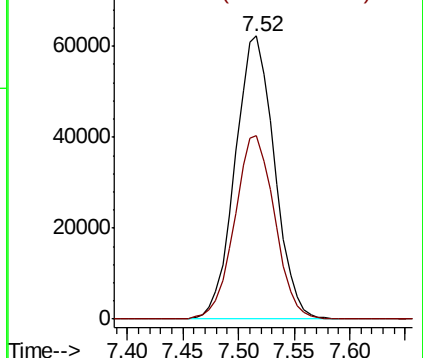
83 100

85 65.9 46.2 85.8



Abundance Ion 83.00 (82.70 to 83.70): VY0

Ion 85.00 (84.70 to 85.70): VY0



#27

1,2-Dichloroethane

Concen: 25.458 ug/L

RT: 8.24 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VY003538.D

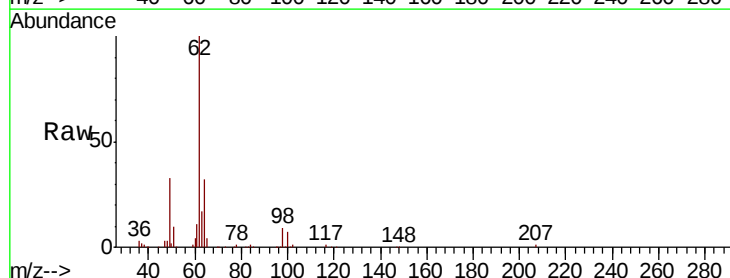
Acq: 18 Nov 2020 19:56

Tgt Ion: 62 Resp: 104803

Ion Ratio Lower Upper

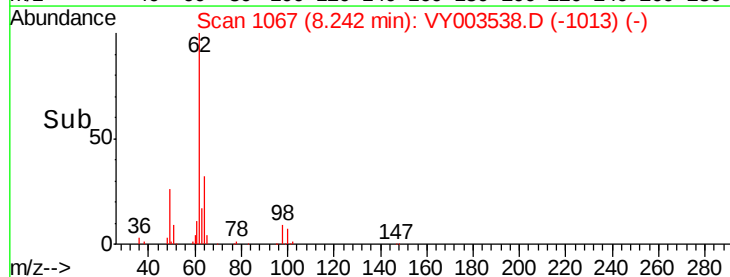
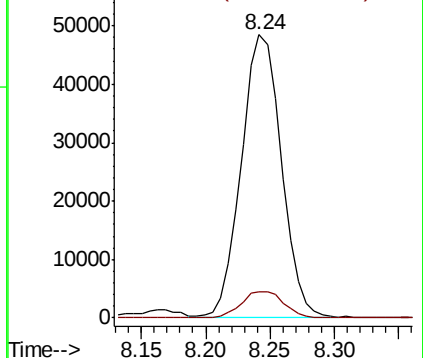
62 100

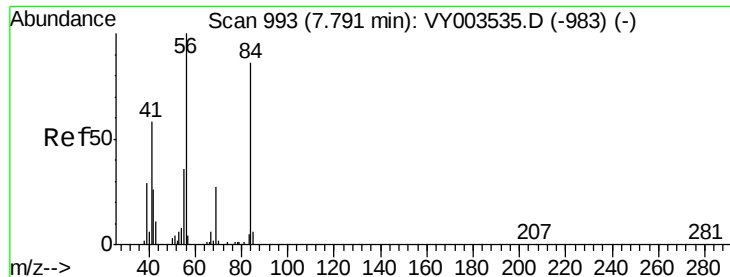
98 9.2 8.4 12.6



Abundance Ion 62.00 (61.70 to 62.70): VY0

Ion 98.00 (97.70 to 98.70): VY0

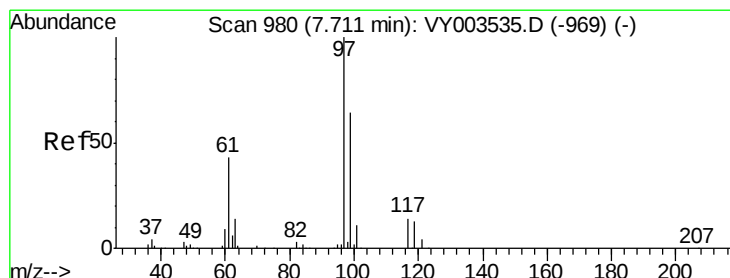
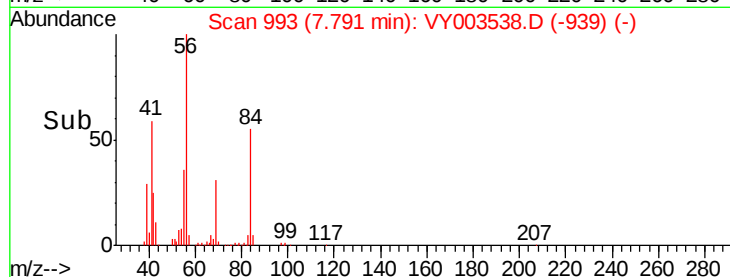
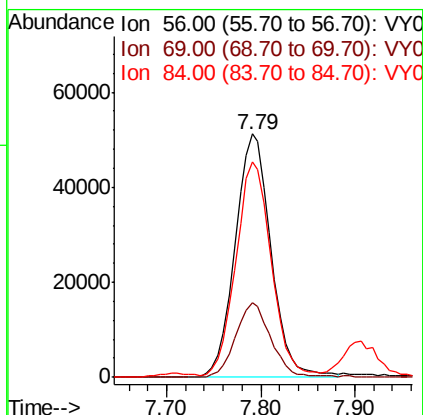
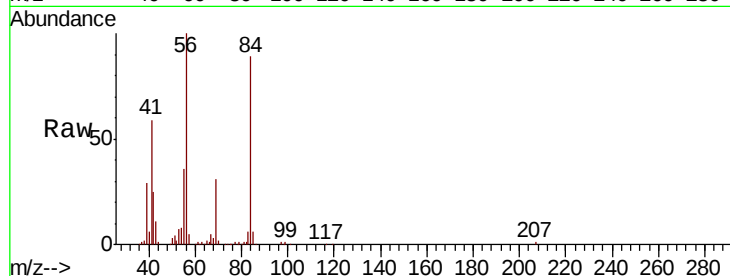




#30
Cyclohexane
Concen: 25.600 ug/L
RT: 7.79 min Scan# 993
Delta R.T. -0.00 min
Lab File: VY003538.D
Acq: 18 Nov 2020 19:56

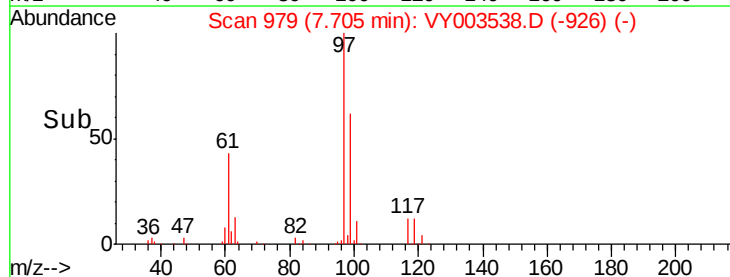
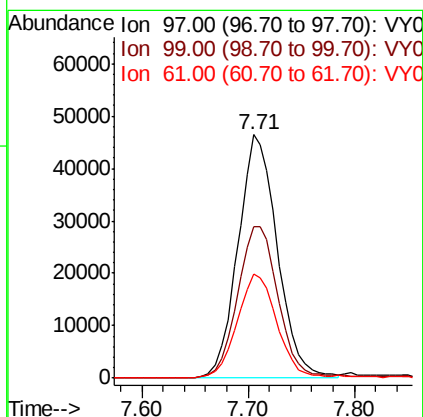
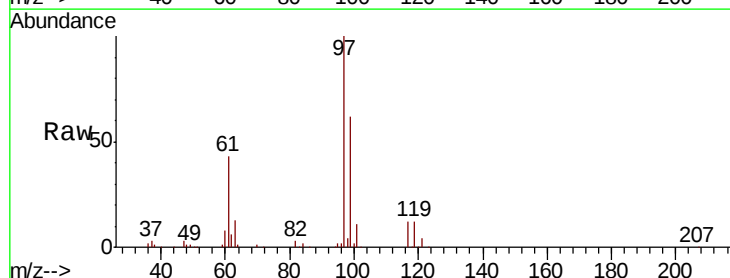
Instrument :
MSVOA_Y
ClientSampleId :
VICV80

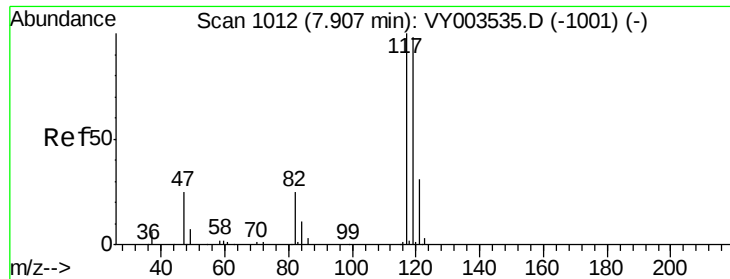
Tot Ion: 56 Resp: 136311
Ion Ratio Lower Upper
56 100
69 29.8 22.9 34.3
84 86.8 69.8 104.8



#31
1,1,1-Trichloroethane
Concen: 25.540 ug/L
RT: 7.71 min Scan# 979
Delta R.T. -0.01 min
Lab File: VY003538.D
Acq: 18 Nov 2020 19:56

Tgt Ion: 97 Resp: 120400
Ion Ratio Lower Upper
97 100
99 63.9 49.5 74.3
61 43.2 33.8 50.6





#32

Carbon tetrachloride

Concen: 25.329 ug/L

RT: 7.91 min Scan# 1012

Delta R.T. -0.00 min

Lab File: VY003538.D

Acq: 18 Nov 2020 19:56

Instrument :

MSVOA_Y

ClientSampled :

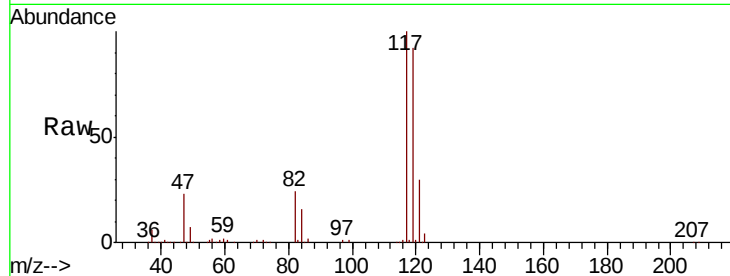
VICV80

Tot Ion:117 Resp: 112072

Ion Ratio Lower Upper

117 100

119 94.9 78.1 117.1



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

7.91

50000

40000

30000

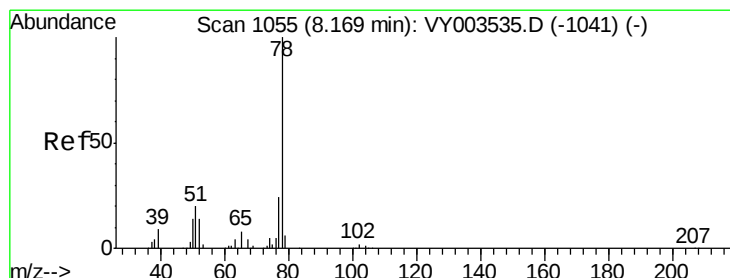
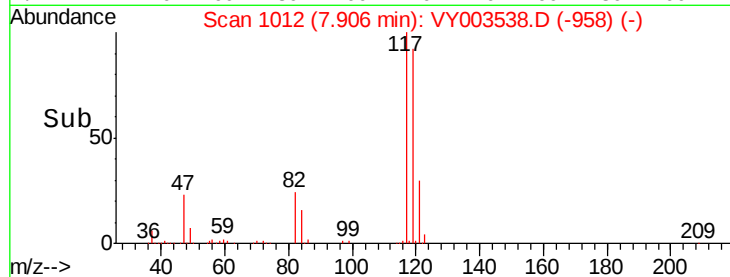
20000

10000

0

Time-->

7.80 7.85 7.90 7.95 8.00



#34

Benzene

Concen: 24.829 ug/L

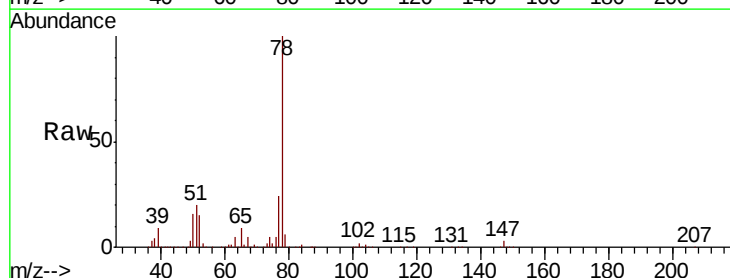
RT: 8.17 min Scan# 1055

Delta R.T. -0.00 min

Lab File: VY003538.D

Acq: 18 Nov 2020 19:56

Tgt Ion: 78 Resp: 358229



Abundance Ion 78.00 (77.70 to 78.70): VY0

8.17

150000

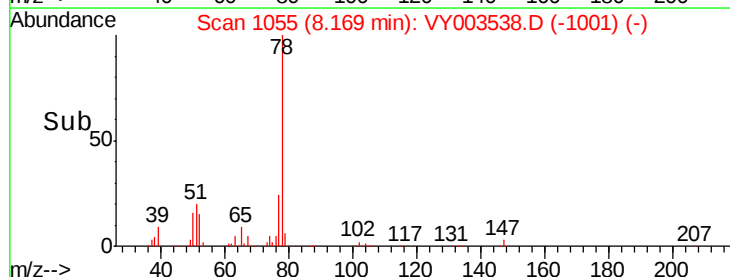
100000

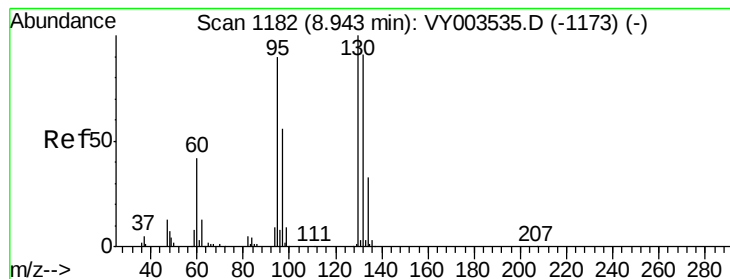
50000

0

Time-->

8.00 8.10 8.20





#35

Trichloroethene

Concen: 24.621 ug/L

RT: 8.94 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VY003538.D

Acq: 18 Nov 2020 19:56

Instrument :

MSVOA_Y

ClientSampleId :

VICV80

Tot Ion: 95 Resp: 88636

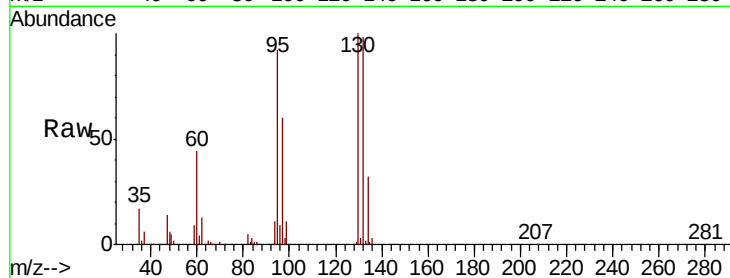
Ion Ratio Lower Upper

95 100

97 64.4 44.8 83.2

132 104.6 72.2 134.0

130 109.4 76.6 142.2

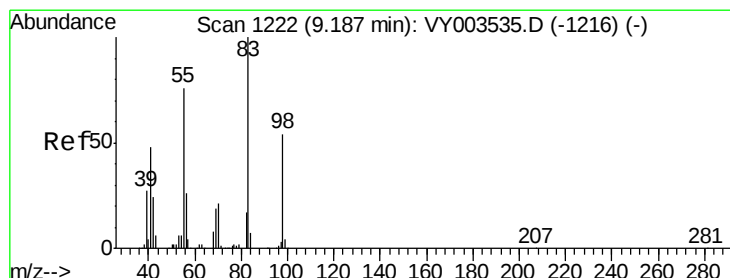
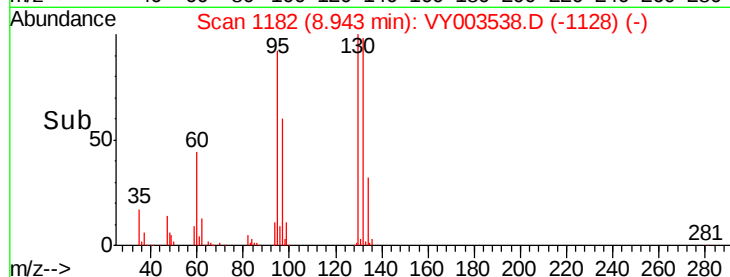
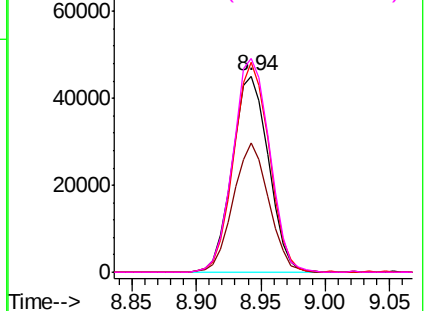


Abundance Ion 95.00 (94.70 to 95.70): VY0

Ion 97.00 (96.70 to 97.70): VY0

Ion 132.00 (131.70 to 132.70): VY0

Ion 130.00 (129.70 to 130.70): VY0



#36

Methylcyclohexane

Concen: 24.523 ug/L

RT: 9.19 min Scan# 1222

Delta R.T. -0.00 min

Lab File: VY003538.D

Acq: 18 Nov 2020 19:56

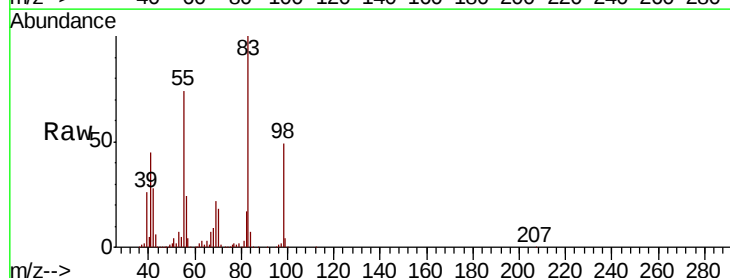
Tgt Ion: 83 Resp: 134806

Ion Ratio Lower Upper

83 100

55 76.0 63.4 95.0

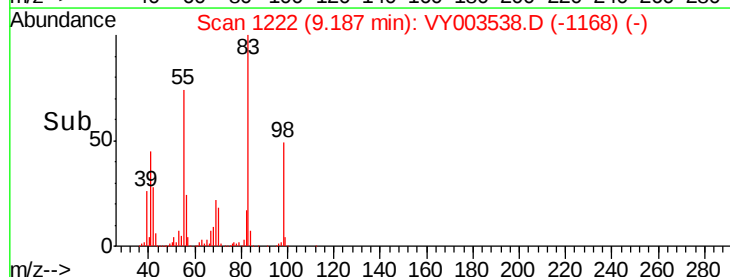
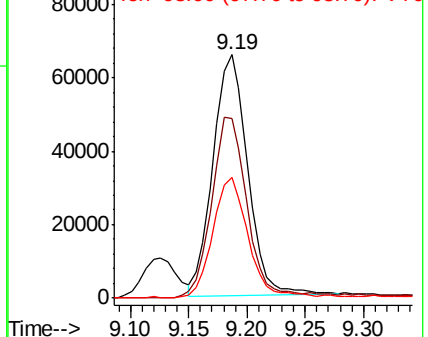
98 51.2 43.3 64.9

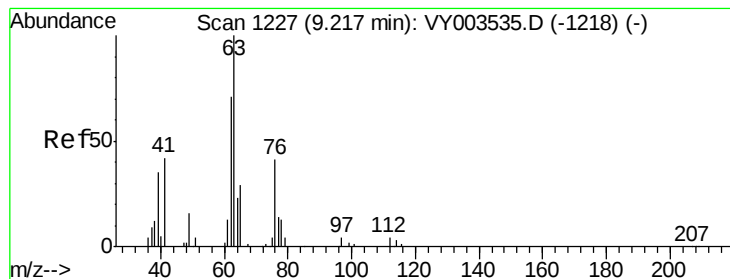


Abundance Ion 83.00 (82.70 to 83.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 98.00 (97.70 to 98.70): VY0





#40

1,2-Dichloropropane

Concen: 24.672 ug/L

RT: 9.22 min Scan# 1227

Delta R.T. -0.00 min

Lab File: VY003538.D

Acq: 18 Nov 2020 19:56

Instrument :

MSVOA_Y

ClientSampled :

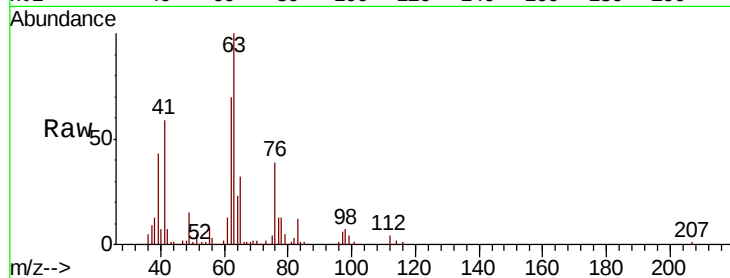
VICV80

Tot Ion: 63 Resp: 88464

Ion Ratio Lower Upper

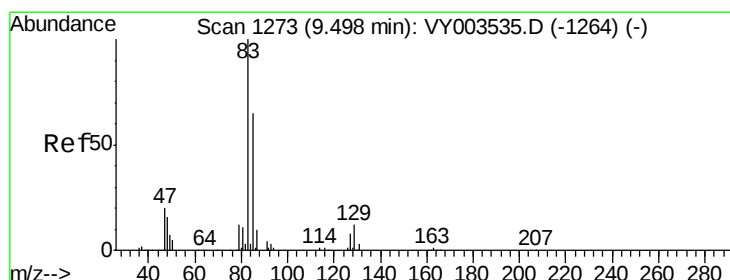
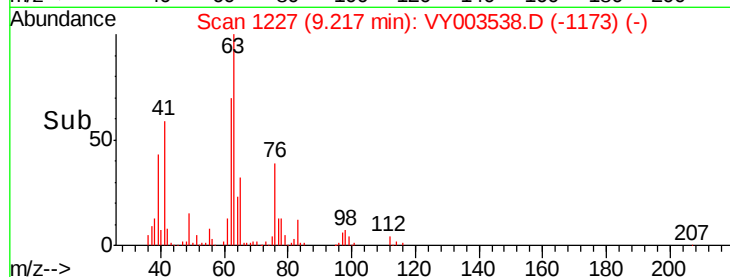
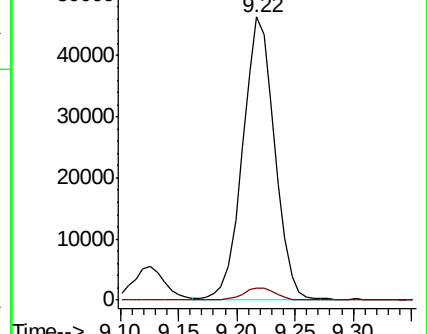
63 100

112 4.4 3.4 5.2



Abundance Ion 63.00 (62.70 to 63.70): VY0

Ion 112.00 (111.70 to 112.70): V



#41

Bromodichloromethane

Concen: 25.346 ug/L

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY003538.D

Acq: 18 Nov 2020 19:56

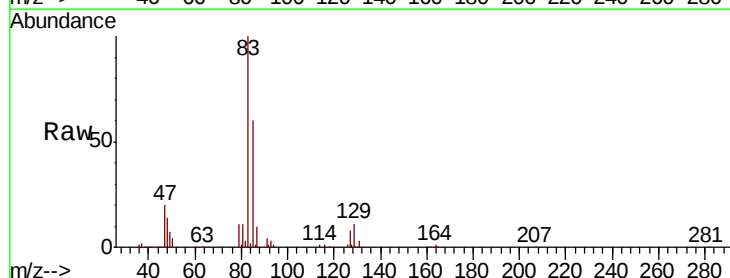
Tgt Ion: 83 Resp: 115810

Ion Ratio Lower Upper

83 100

85 59.9 45.6 84.6

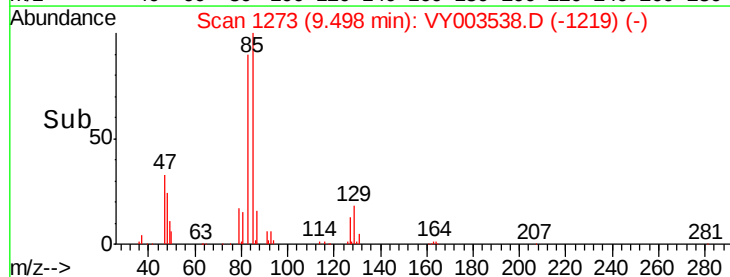
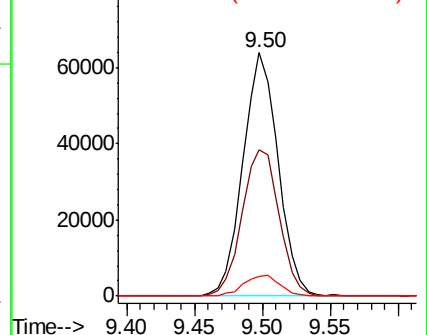
127 8.0 6.4 9.6

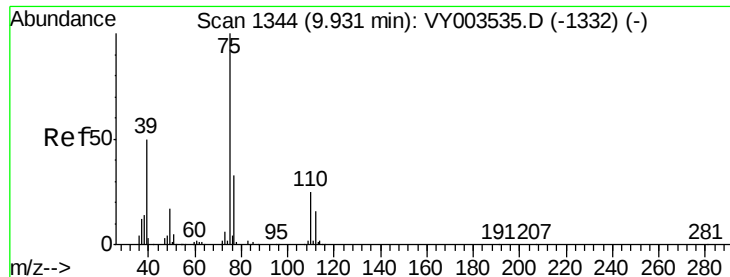


Abundance Ion 83.00 (82.70 to 83.70): VY0

Ion 85.00 (84.70 to 85.70): VY0

Ion 127.00 (126.70 to 127.70): V



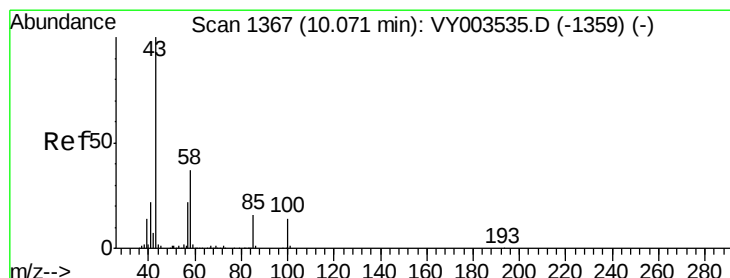
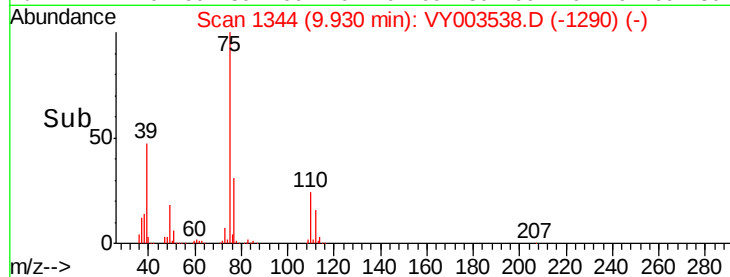
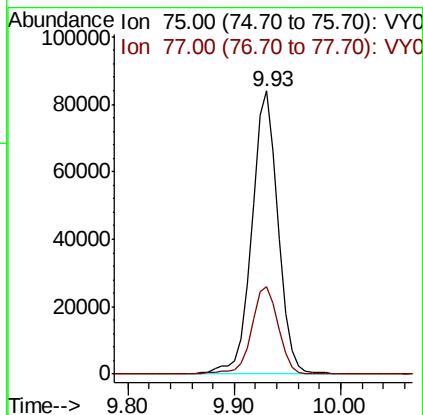
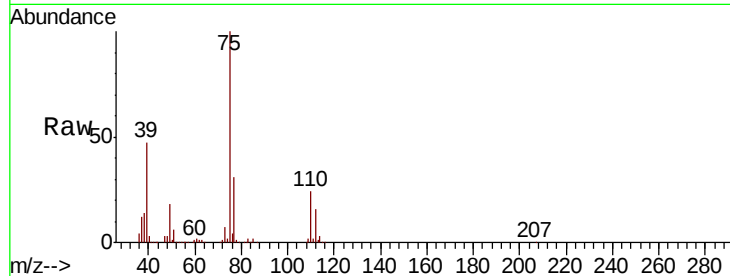


#42

cis-1,3-Dichloropropene
Concen: 25.917 ug/L
RT: 9.93 min Scan# 1344
Delta R.T. -0.00 min
Lab File: VY003538.D
Acq: 18 Nov 2020 19:56

Instrument :
MSVOA_Y
ClientSampleId :
VICV80

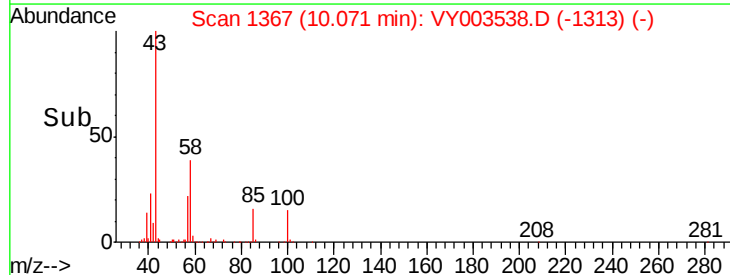
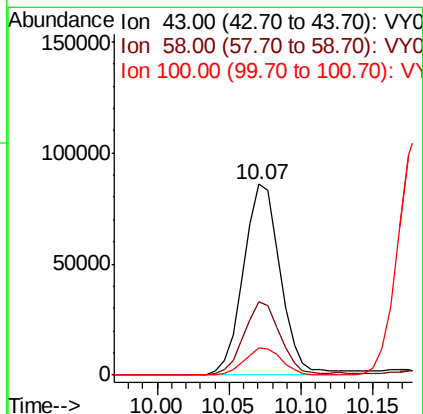
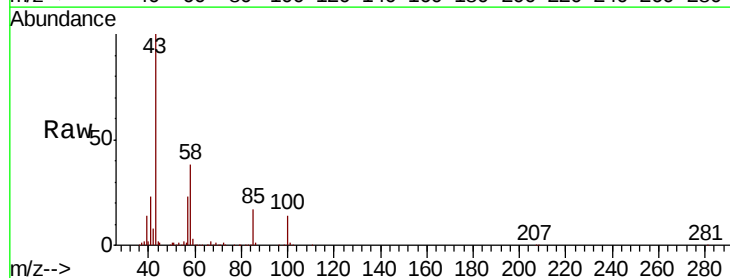
Tot Ion: 75 Resp: 145245
Ion Ratio Lower Upper
75 100
77 30.8 23.4 43.4

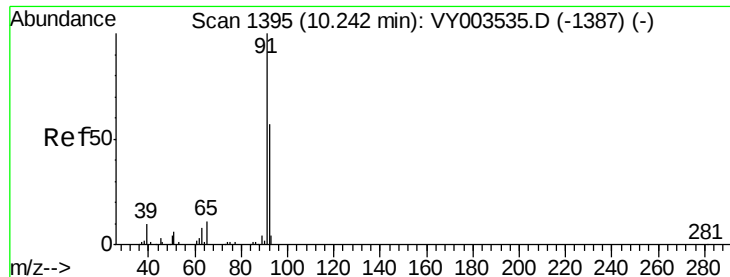


#43

4-Methyl-2-pentanone
Concen: 50.809 ug/L
RT: 10.07 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VY003538.D
Acq: 18 Nov 2020 19:56

Tgt Ion: 43 Resp: 153109
Ion Ratio Lower Upper
43 100
58 37.5 30.2 45.4
100 14.5 12.0 18.0





#44

Toluene

Concen: 25.236 ug/L

RT: 10.24 min Scan# 1395

Delta R.T. -0.00 min

Lab File: VY003538.D

Acq: 18 Nov 2020 19:56

Instrument :

MSVOA_Y

ClientSampleId :

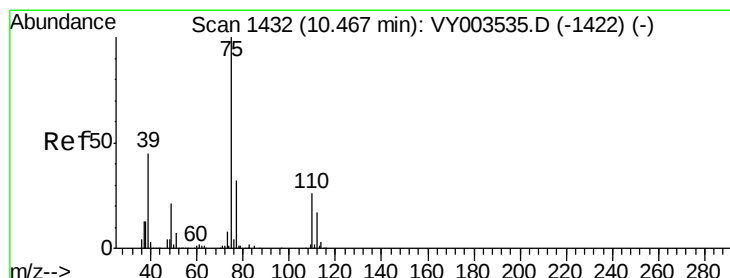
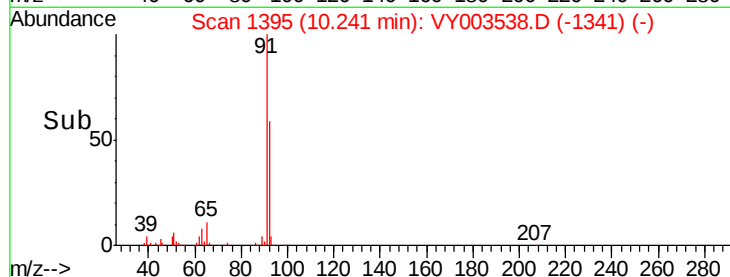
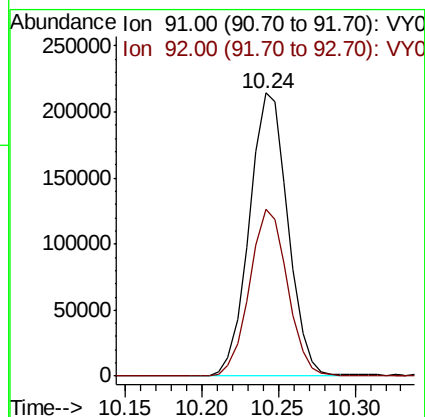
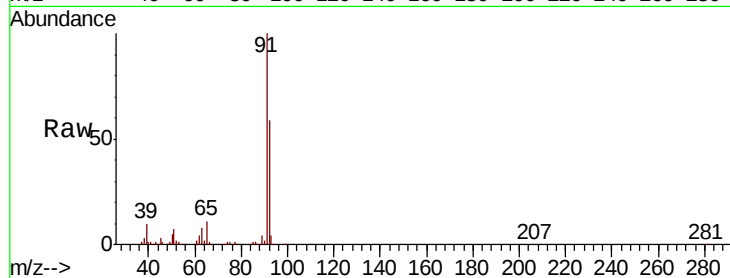
VICV80

Tot Ion: 91 Resp: 375670

Ion Ratio Lower Upper

91 100

92 58.8 39.8 74.0



#45

trans-1,3-Dichloropropene

Concen: 25.766 ug/L

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY003538.D

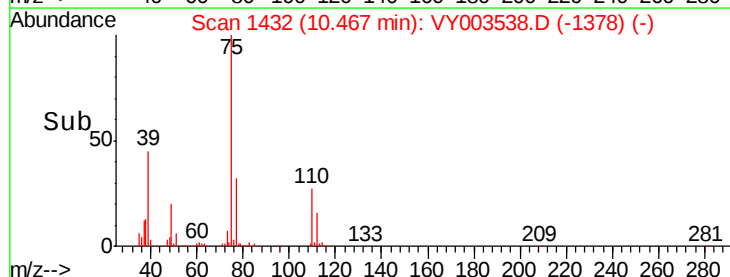
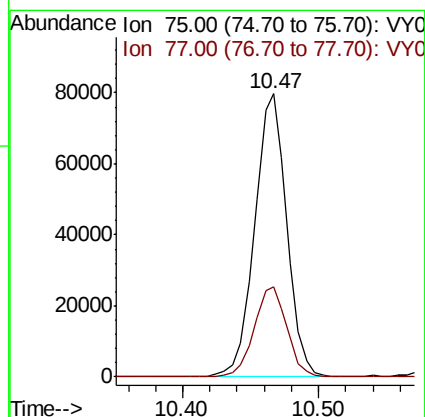
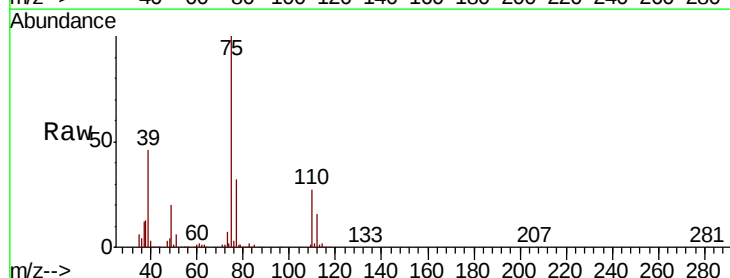
Acq: 18 Nov 2020 19:56

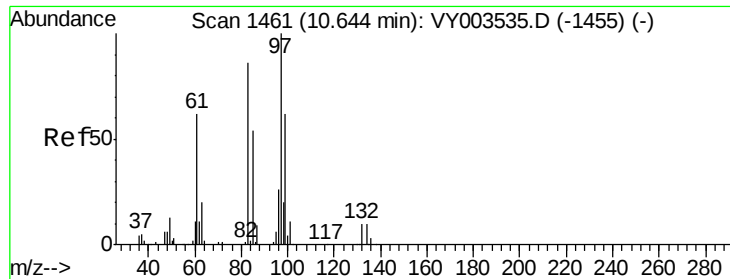
Tgt Ion: 75 Resp: 131793

Ion Ratio Lower Upper

75 100

77 31.7 22.6 42.0

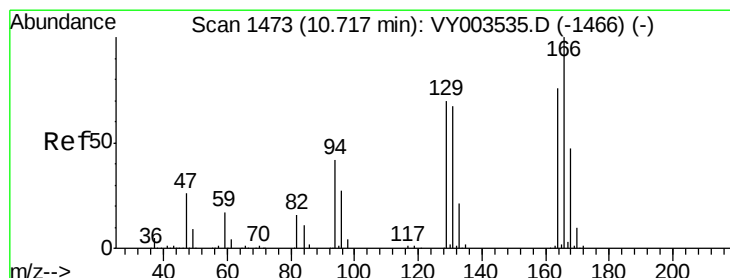
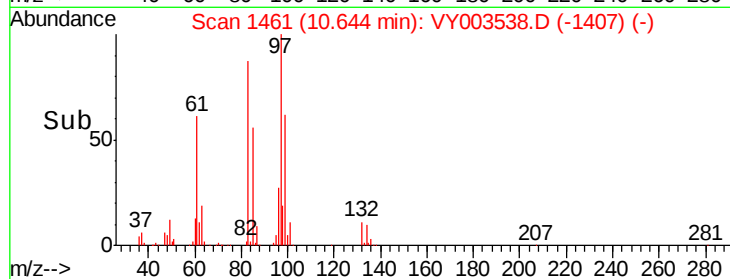
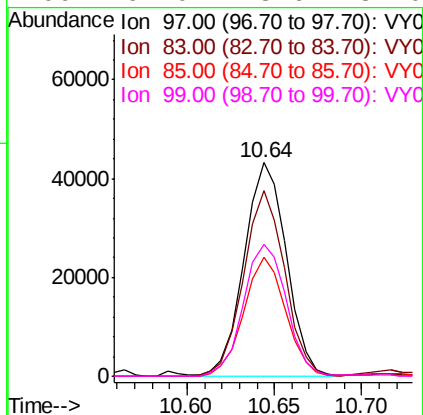
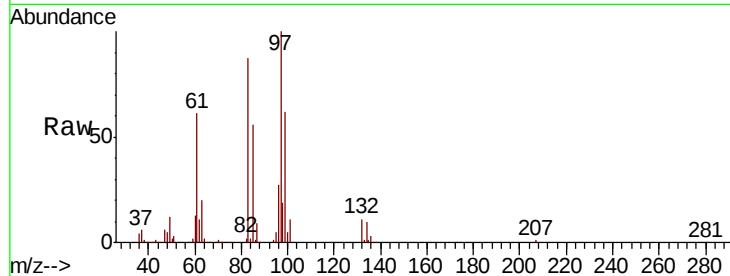




#46
1,1,2-Trichloroethane
Concen: 25.517 ug/L
RT: 10.64 min Scan# 1461
Delta R.T. -0.00 min
Lab File: VY003538.D
Acq: 18 Nov 2020 19:56

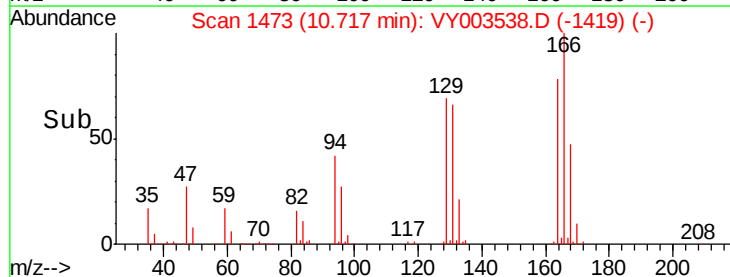
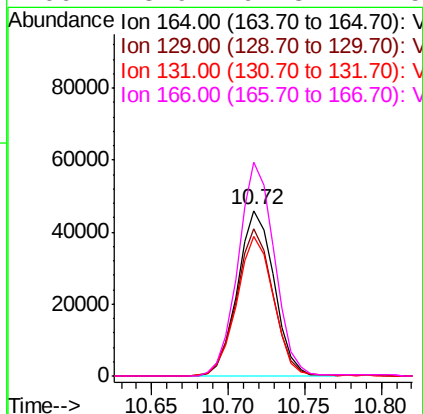
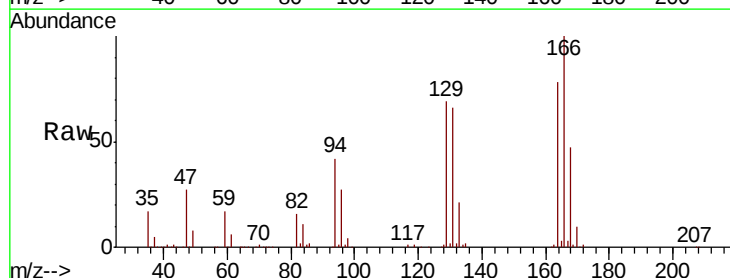
Instrument :
MSVOA_Y
ClientSampleId :
VICV80

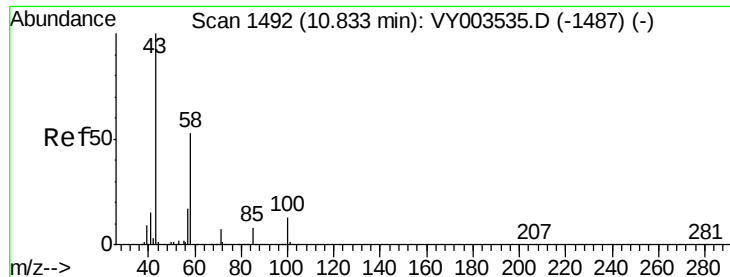
Tot Ion:	97	Resp:	73366
Ion	Ratio	Lower	Upper
97	100		
83	86.7	60.1	111.5
85	55.8	37.5	69.7
99	62.0	43.6	81.0



#47
Tetrachloroethene
Concen: 24.354 ug/L
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY003538.D
Acq: 18 Nov 2020 19:56

Tgt Ion:	164	Resp:	76384
Ion	Ratio	Lower	Upper
164	100		
129	89.2	64.3	119.3
131	84.6	61.7	114.5
166	128.9	92.3	171.5

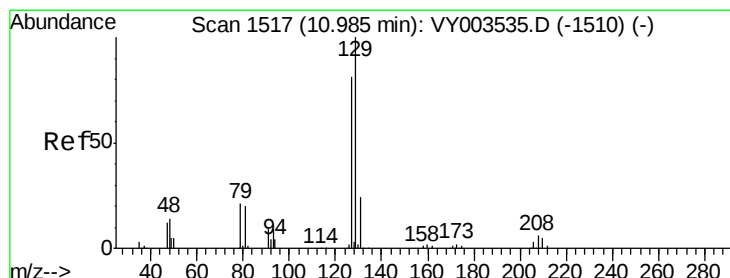
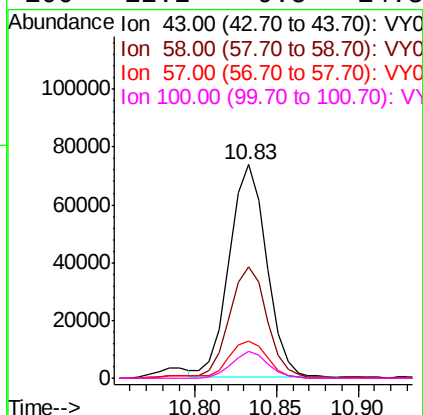
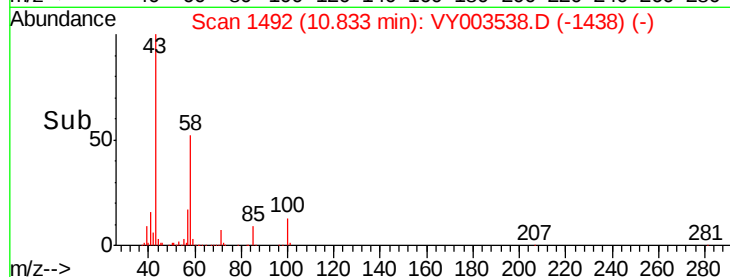
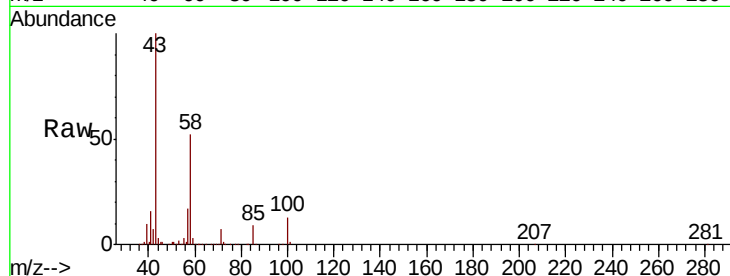




#49
2-Hexanone
Concen: 52.442 ug/L
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY003538.D
Acq: 18 Nov 2020 19:56

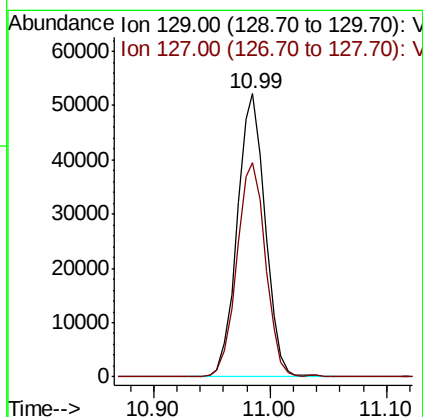
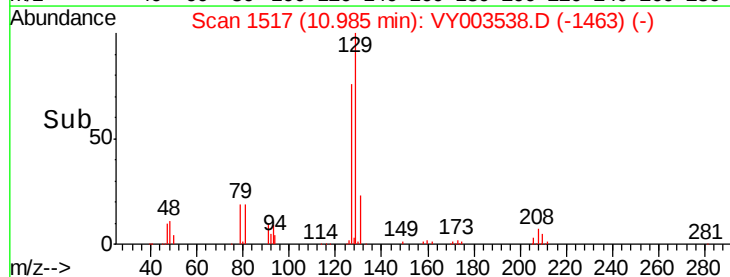
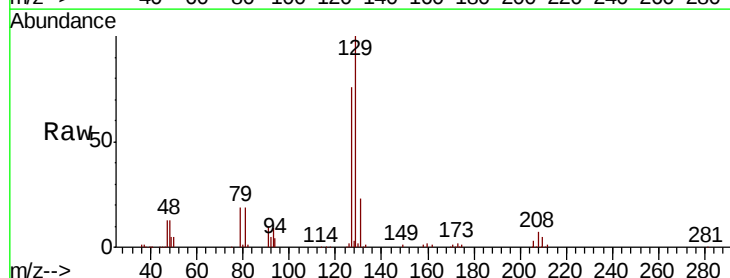
Instrument :
MSVOA_Y
ClientSampled :
VICV80

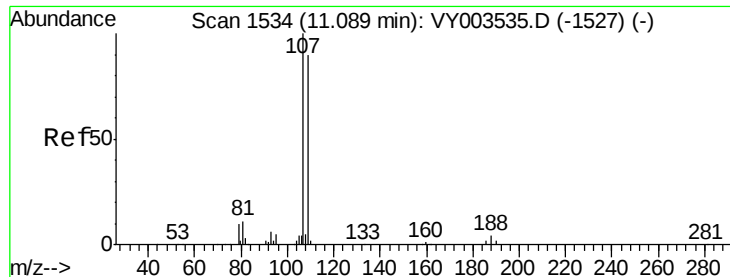
Tot Ion: 43 Resp: 117248
Ion Ratio Lower Upper
43 100
58 52.9 41.8 62.6
57 17.9 13.5 20.3
100 12.2 9.5 14.3



#50
Dibromochloromethane
Concen: 25.910 ug/L
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY003538.D
Acq: 18 Nov 2020 19:56

Tgt Ion: 129 Resp: 87511
Ion Ratio Lower Upper
129 100
127 75.8 56.9 105.7





#51

1,2-Dibromoethane

Concen: 25.513 ug/L

RT: 11.09 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VY003538.D

Acq: 18 Nov 2020 19:56

Instrument :

MSVOA_Y

ClientSampleId :

VICV80

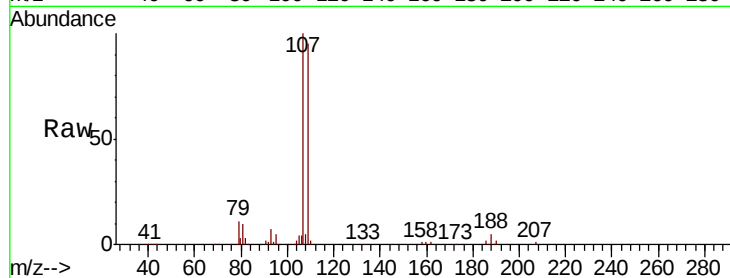
Tot Ion:107 Resp: 72605

Ion Ratio Lower Upper

107 100

109 94.7 63.0 117.0

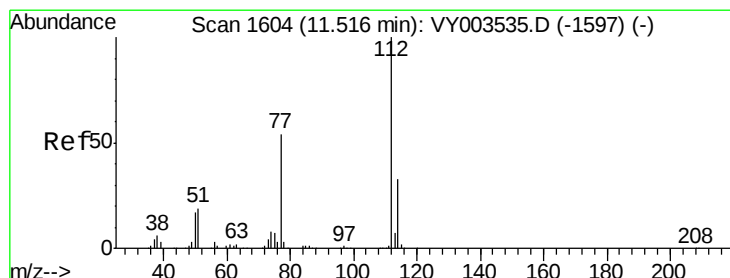
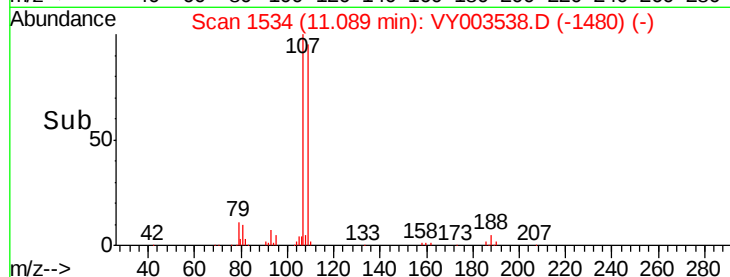
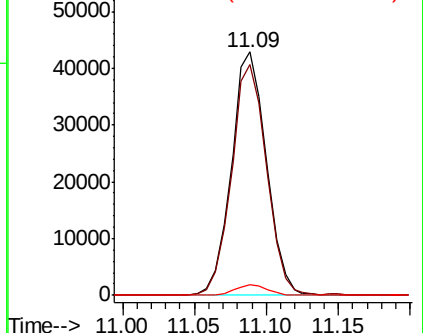
188 4.6 3.4 5.2



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

Ion 188.00 (187.70 to 188.70): V



#52

Chlorobenzene

Concen: 25.161 ug/L

RT: 11.52 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VY003538.D

Acq: 18 Nov 2020 19:56

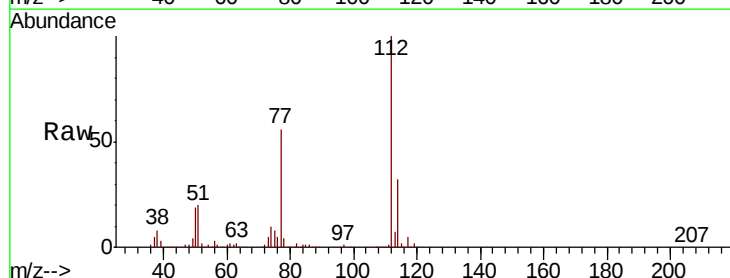
Tgt Ion:112 Resp: 240448

Ion Ratio Lower Upper

112 100

77 55.7 43.6 65.4

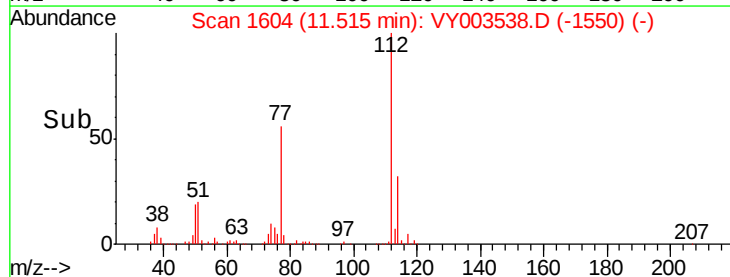
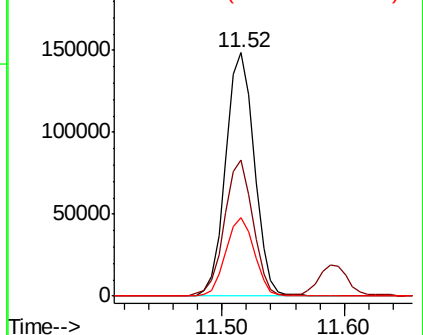
114 32.4 23.0 42.6

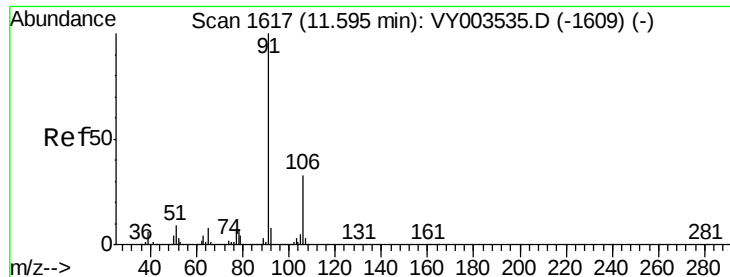


Abundance Ion 112.00 (111.70 to 112.70): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 114.00 (113.70 to 114.70): V





#53

Ethylbenzene

Concen: 25.742 ug/L

RT: 11.59 min Scan# 1616

Delta R.T. -0.01 min

Lab File: VY003538.D

Acq: 18 Nov 2020 19:56

Instrument :

MSVOA_Y

ClientSampleId :

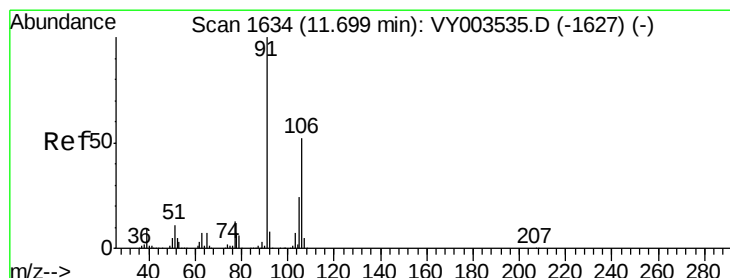
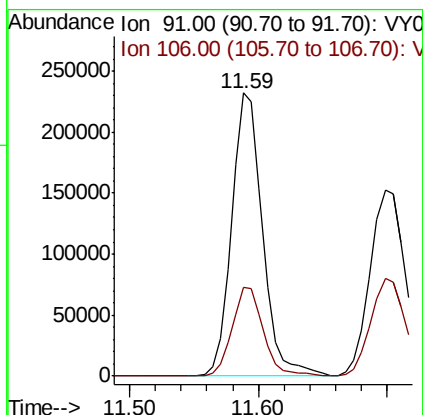
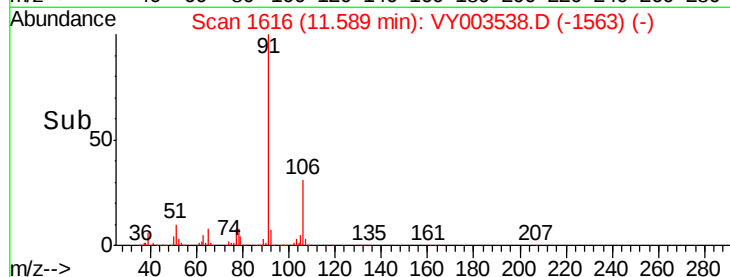
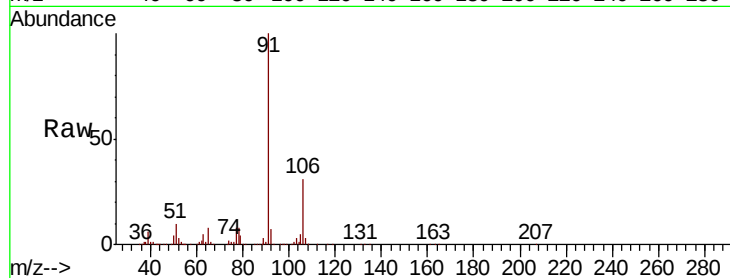
VICV80

Tot Ion: 91 Resp: 387526

Ion Ratio Lower Upper

91 100

106 31.2 22.9 42.5



#54

m,p-Xylene

Concen: 25.661 ug/L

RT: 11.70 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VY003538.D

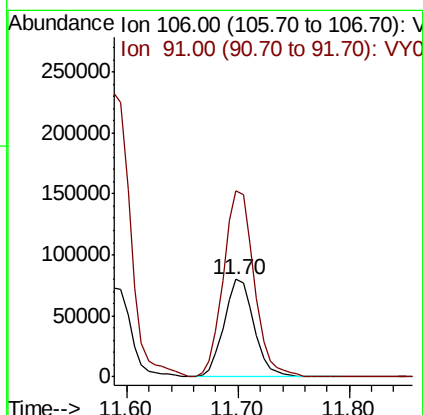
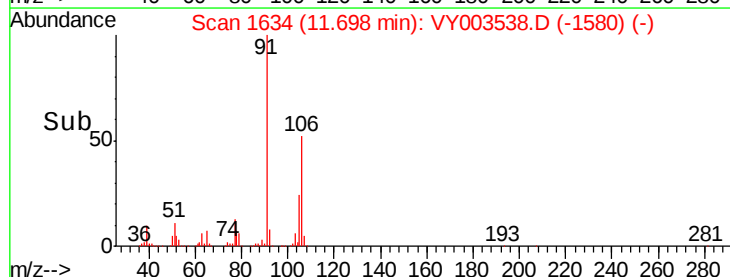
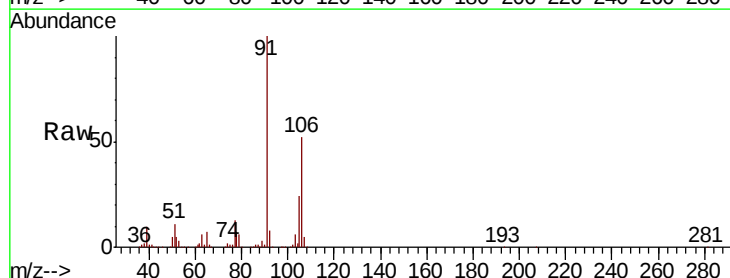
Acq: 18 Nov 2020 19:56

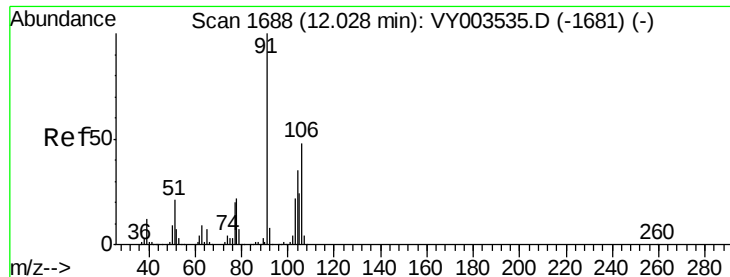
Tgt Ion: 106 Resp: 150435

Ion Ratio Lower Upper

106 100

91 191.7 133.8 248.6





#55

o-xylene

Concen: 25.196 ug/L

RT: 12.03 min Scan# 1688

Delta R.T. -0.00 min

Lab File: VY003538.D

Acq: 18 Nov 2020 19:56

Instrument :

MSVOA_Y

ClientSampleId :

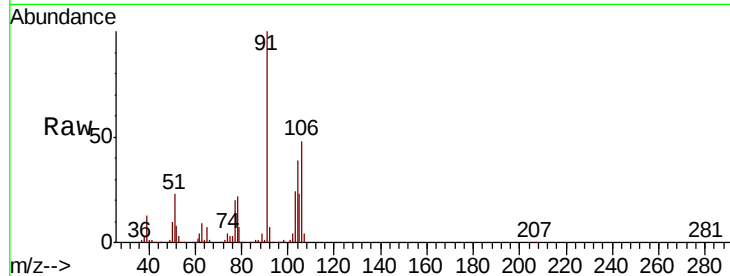
VICV80

Tot Ion:106 Resp: 123752

Ion Ratio Lower Upper

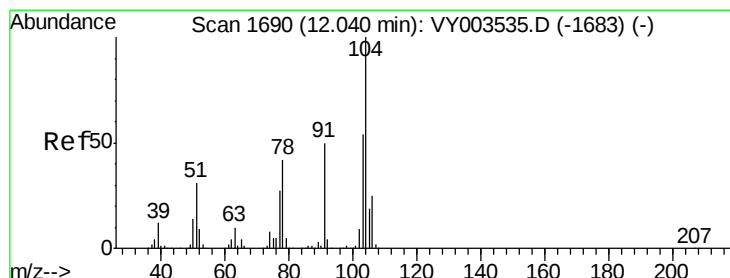
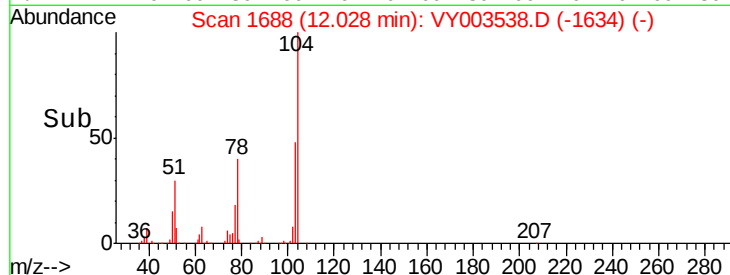
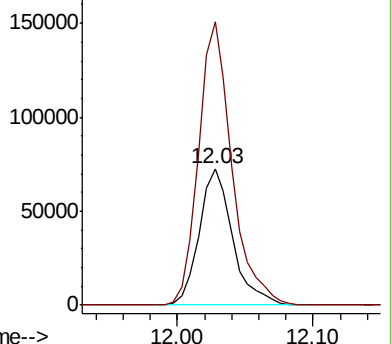
106 100

91 207.7 144.8 269.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VY0



#56

Styrene

Concen: 25.972 ug/L

RT: 12.04 min Scan# 1690

Delta R.T. -0.00 min

Lab File: VY003538.D

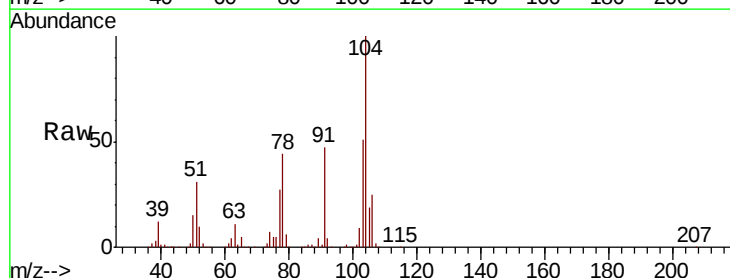
Acq: 18 Nov 2020 19:56

Tgt Ion:104 Resp: 249963

Ion Ratio Lower Upper

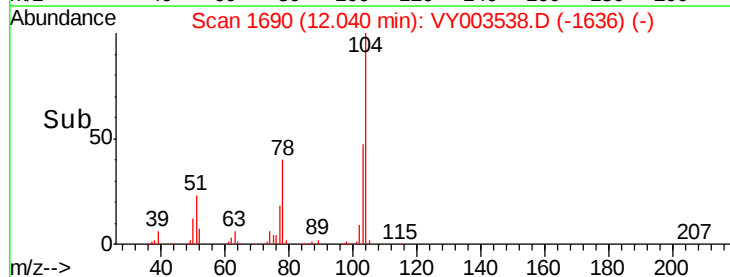
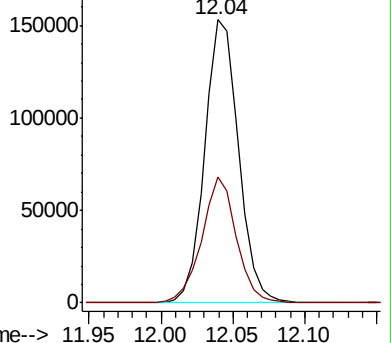
104 100

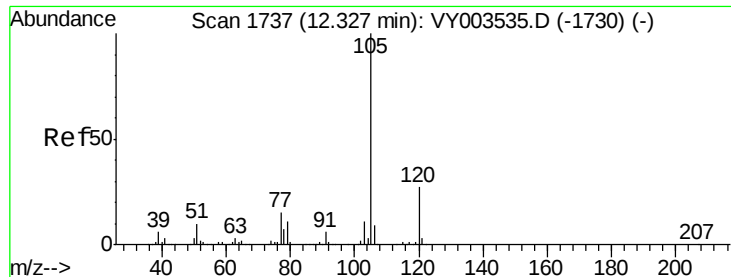
78 44.4 29.8 55.3



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VY0





#57

Isopropylbenzene

Concen: 25.227 ug/L

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY003538.D

Acq: 18 Nov 2020 19:56

Instrument :

MSVOA_Y

ClientSampleId :

VICV80

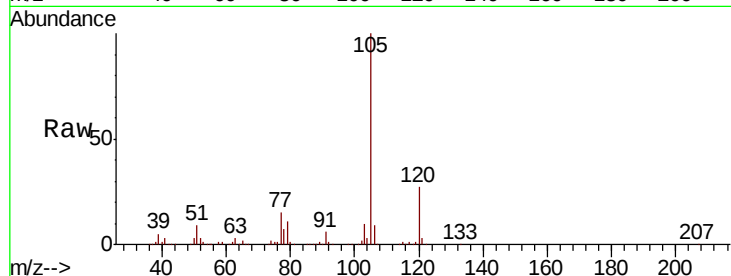
Tot Ion:105 Resp: 271263

Ion Ratio Lower Upper

105 100

120 27.7 21.8 32.8

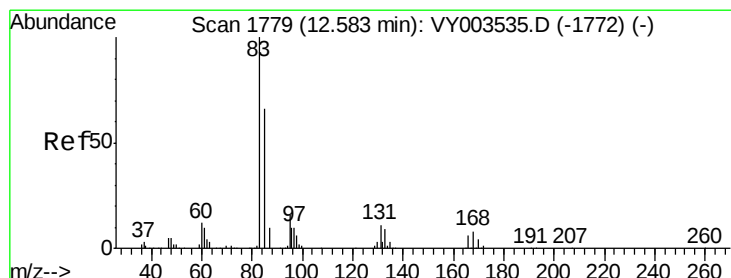
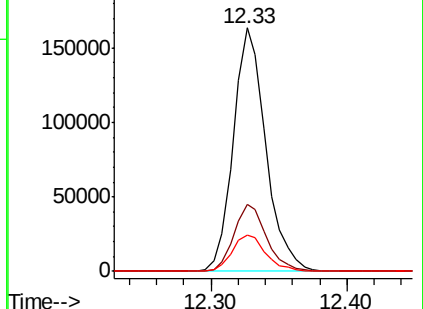
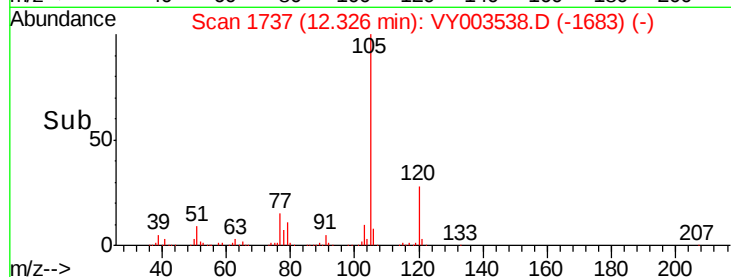
77 15.4 12.2 18.2



Abundance Ion 105.00 (104.70 to 105.70): VY003538.D (-1730) (-)

Ion 120.00 (119.70 to 120.70): VY003538.D (-1730) (-)

Ion 77.00 (76.70 to 77.70): VY003538.D (-1730) (-)



#58

1,1,2,2-Tetrachloroethane

Concen: 26.726 ug/L

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY003538.D

Acq: 18 Nov 2020 19:56

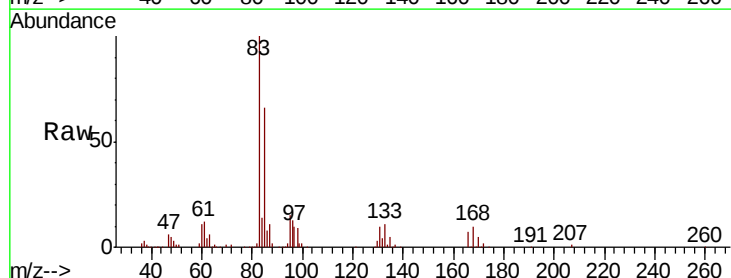
Tgt Ion: 83 Resp: 85004

Ion Ratio Lower Upper

83 100

85 66.5 46.5 86.5

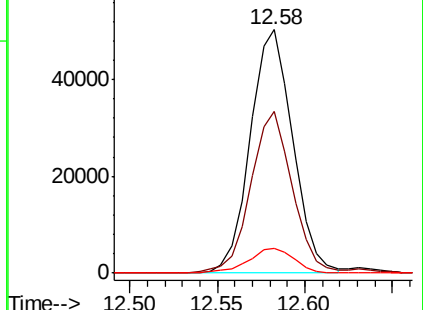
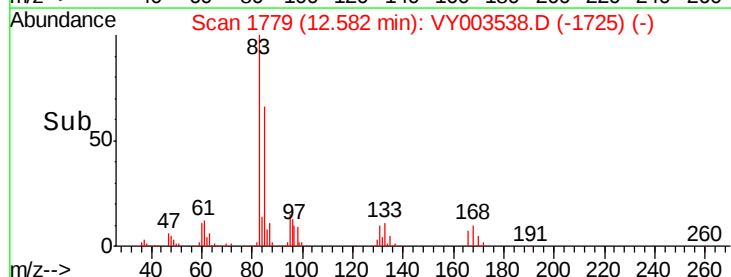
131 10.2 8.4 12.6

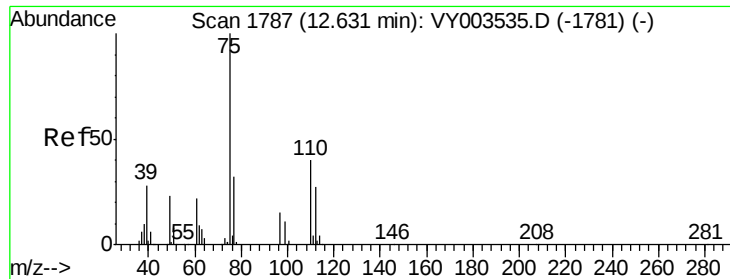


Abundance Ion 83.00 (82.70 to 83.70): VY003538.D (-1772) (-)

Ion 85.00 (84.70 to 85.70): VY003538.D (-1772) (-)

Ion 131.00 (130.70 to 131.70): VY003538.D (-1772) (-)





#59

1,2,3-Trichloropropane

Concen: 26.061 ug/L

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY003538.D

Acq: 18 Nov 2020 19:56

Instrument :

MSVOA_Y

ClientSampleId :

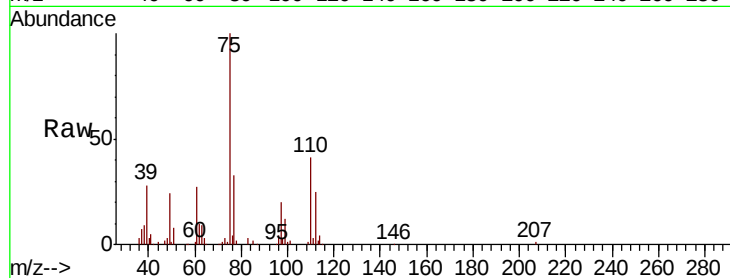
VICV80

Tot Ion: 75 Resp: 64248

Ion Ratio Lower Upper

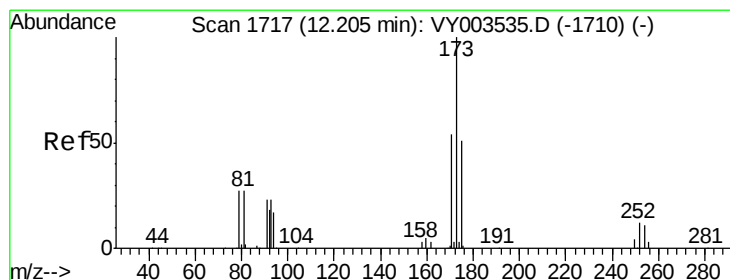
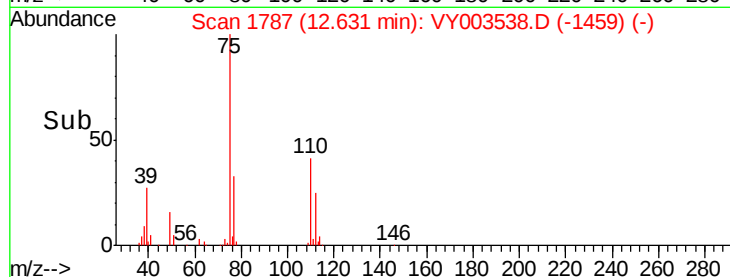
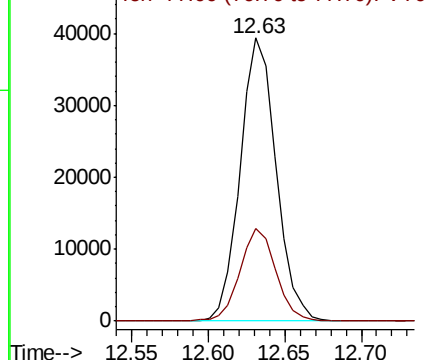
75 100

77 32.6 25.8 38.6



Abundance Ion 75.00 (74.70 to 75.70): VY0

Ion 77.00 (76.70 to 77.70): VY0



#62

Bromoform

Concen: 25.405 ug/L

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY003538.D

Acq: 18 Nov 2020 19:56

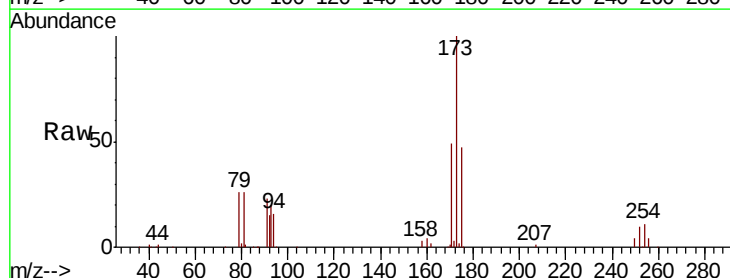
Tgt Ion: 173 Resp: 58728

Ion Ratio Lower Upper

173 100

175 48.8 39.3 58.9

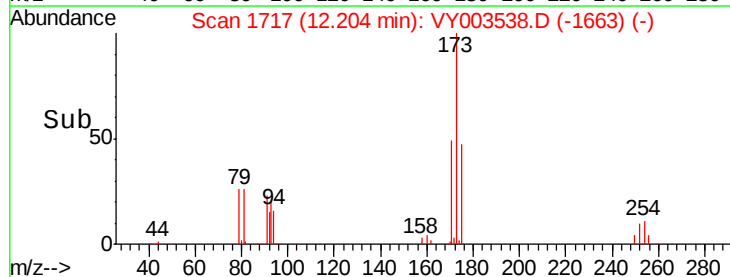
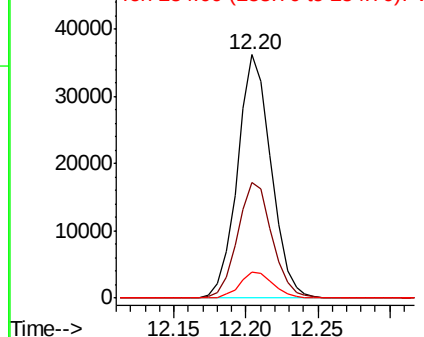
254 10.7 8.6 12.8

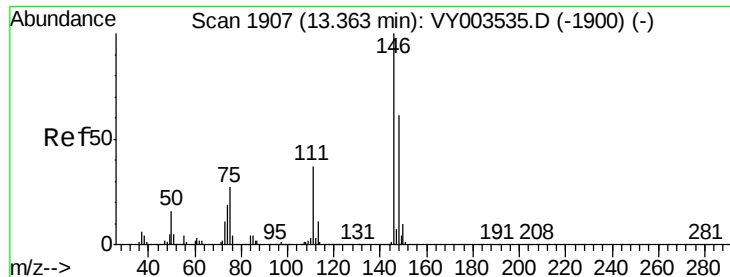


Abundance Ion 173.00 (172.70 to 173.70): V

Ion 175.00 (174.70 to 175.70): V

Ion 254.00 (253.70 to 254.70): V

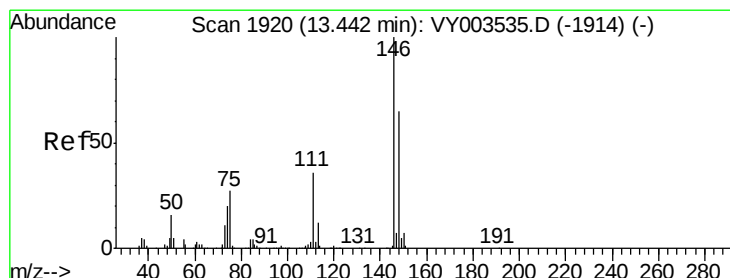
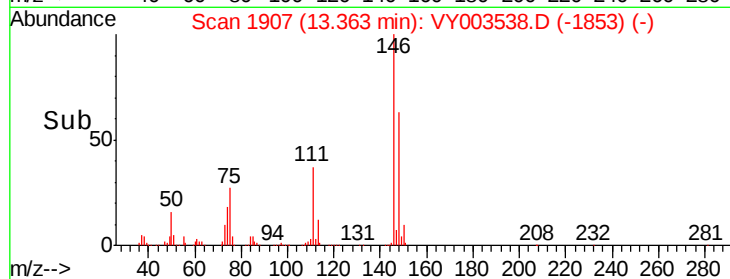
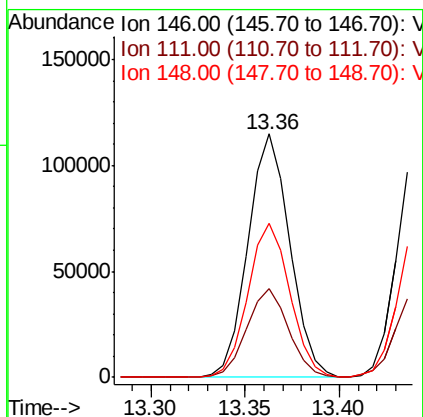
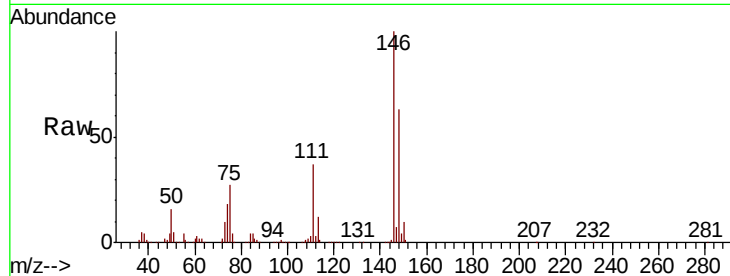




#63
 1,3-Dichlorobenzene
 Concen: 25.124 ug/L
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY003538.D
 Acq: 18 Nov 2020 19:56

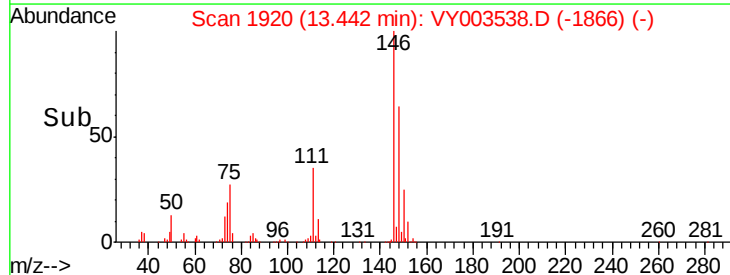
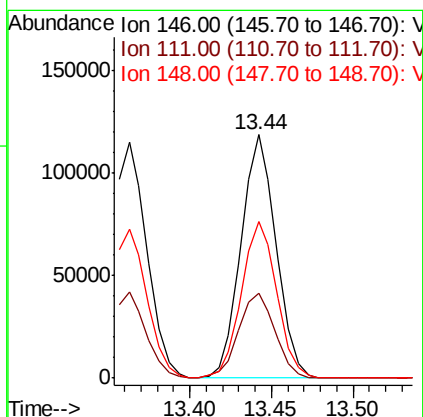
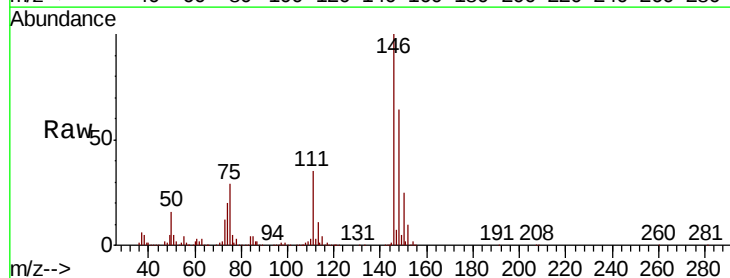
Instrument :
 MSVOA_Y
 ClientSampled :
 VICV80

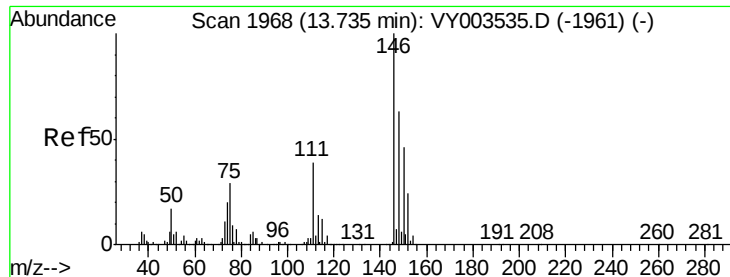
Tot Ion	Ratio	Lower	Upper
146	100		
111	36.7	26.2	48.8
148	63.3	43.0	79.8



#64
 1,4-Dichlorobenzene
 Concen: 24.549 ug/L
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY003538.D
 Acq: 18 Nov 2020 19:56

Tgt Ion	Ratio	Lower	Upper
146	100		
111	34.8	25.6	47.4
148	64.1	45.4	84.4

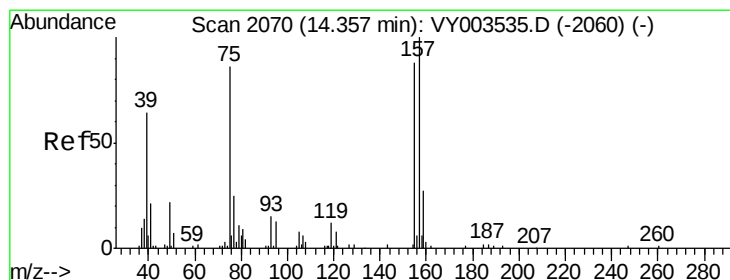
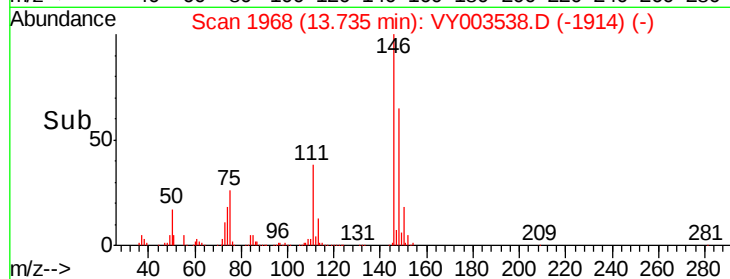
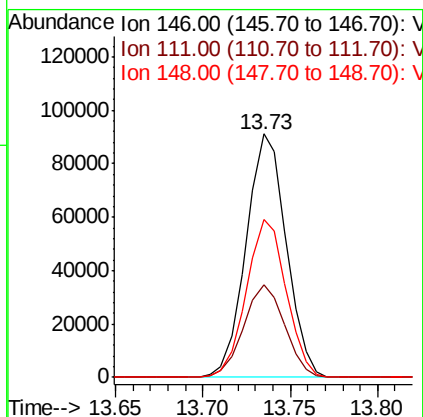
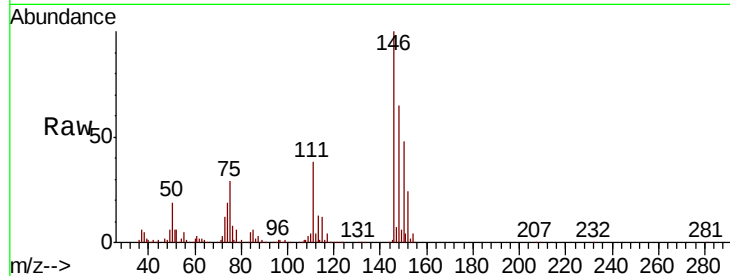




#65
 1,2-Dichlorobenzene
 Concen: 25.122 ug/L
 RT: 13.73 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VY003538.D
 Acq: 18 Nov 2020 19:56

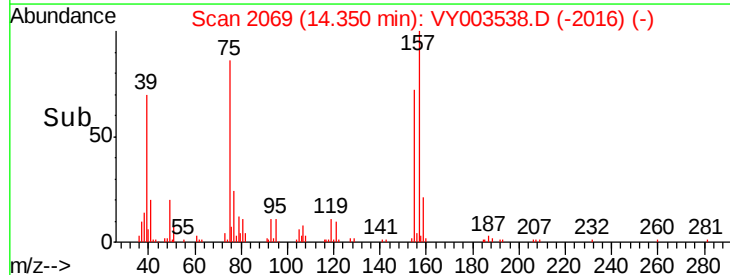
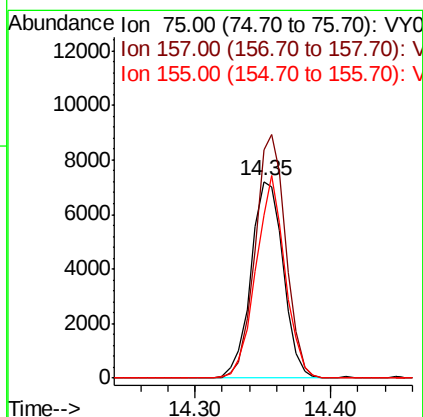
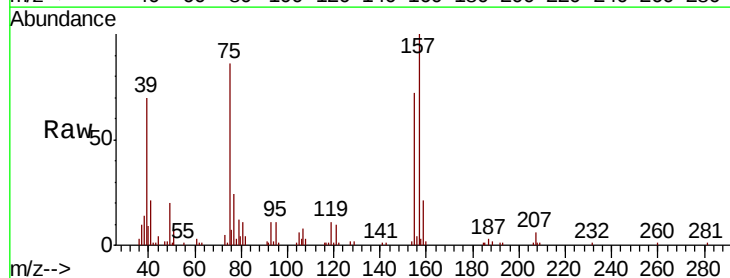
Instrument :
 MSVOA_Y
 ClientSampleId :
 VICV80

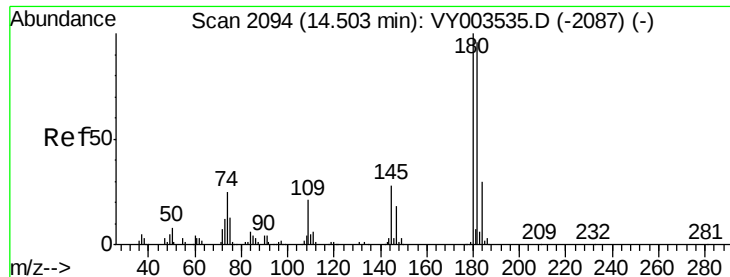
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	31.5	47.3
148	64.8	50.5	75.7



#66
 1,2-Dibromo-3-chloropropane
 Concen: 26.503 ug/L
 RT: 14.35 min Scan# 2069
 Delta R.T. -0.01 min
 Lab File: VY003538.D
 Acq: 18 Nov 2020 19:56

Tgt Ion	Ratio	Lower	Upper
75	100		
157	116.1	92.8	139.2
155	83.3	81.9	122.9

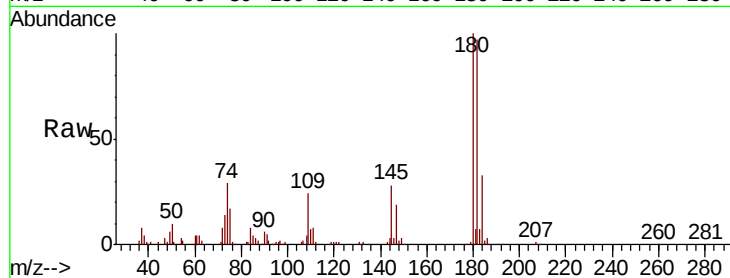




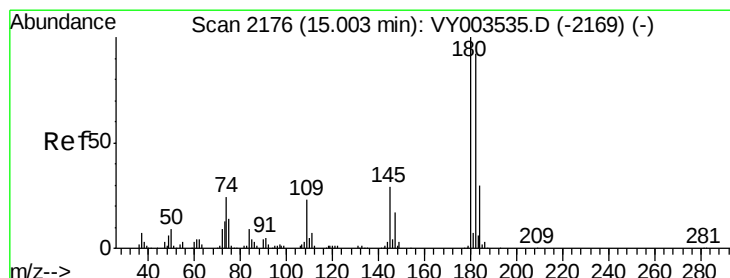
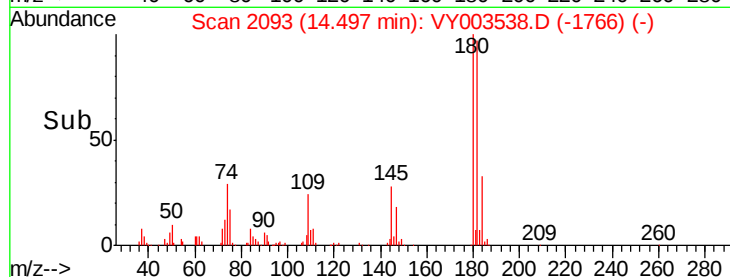
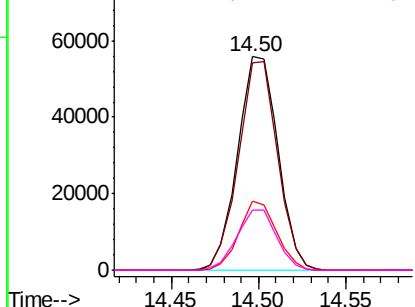
#67
 1,3,5-Trichlorobenzene
 Concen: 24.449 ug/L
 RT: 14.50 min Scan# 2093
 Delta R.T. -0.01 min
 Lab File: VY003538.D
 Acq: 18 Nov 2020 19:56

Instrument :
 MSVOA_Y
 ClientSampled :
 VICV80

Tot Ion:180 Resp: 89612
 Ion Ratio Lower Upper
 180 100
 182 95.0 76.2 114.2
 184 30.5 24.1 36.1
 145 28.0 22.3 33.5

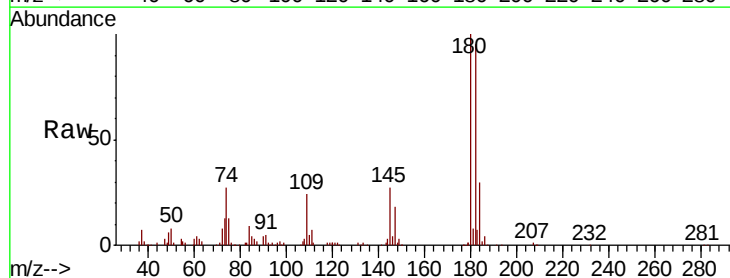


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

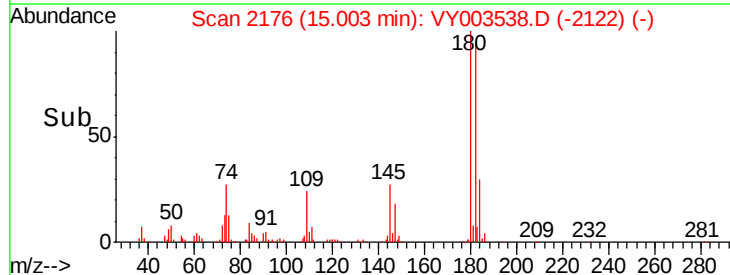
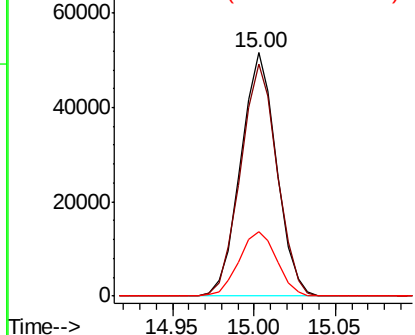


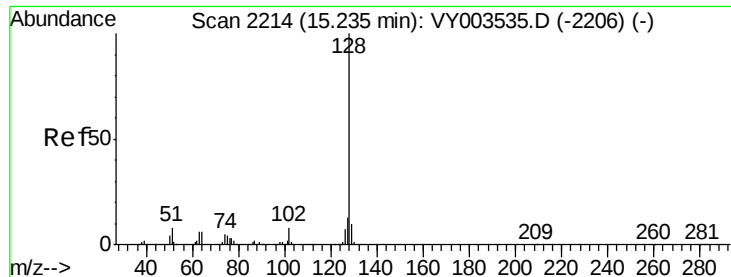
#68
 1,2,4-trichlorobenzene
 Concen: 24.832 ug/L
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY003538.D
 Acq: 18 Nov 2020 19:56

Tgt Ion:180 Resp: 78982
 Ion Ratio Lower Upper
 180 100
 182 97.0 75.1 112.7
 145 28.1 22.6 34.0



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: 26.743 ug/L

RT: 15.23 min Scan# 2213

Delta R.T. -0.01 min

Lab File: VY003538.D

Acq: 18 Nov 2020 19:56

Instrument :

MSVOA_Y

ClientSampleId :

VICV80

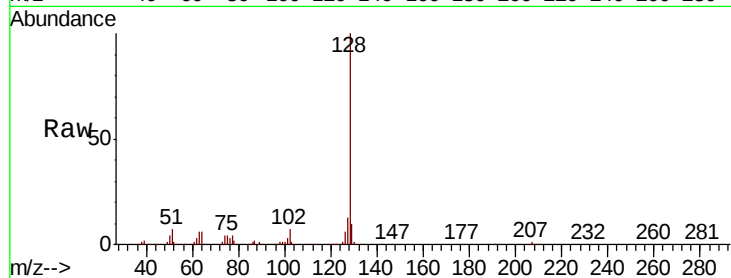
Tot Ion:128 Resp: 150915

Ion Ratio Lower Upper

128 100

129 10.5 8.4 12.6

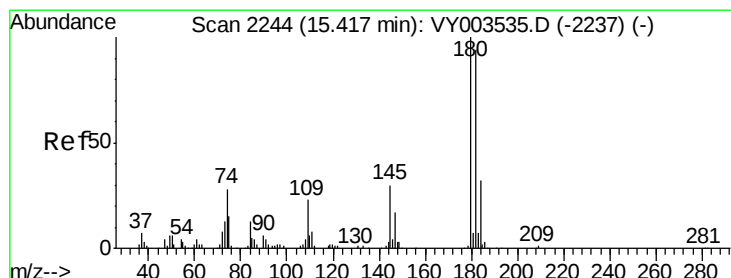
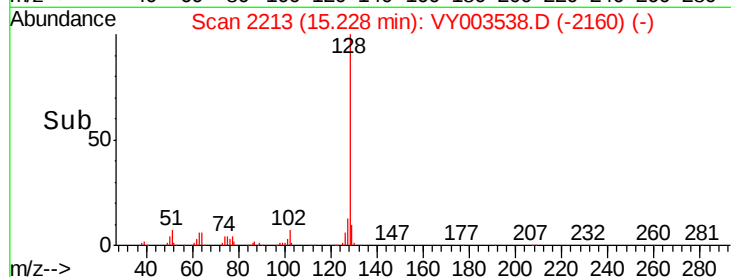
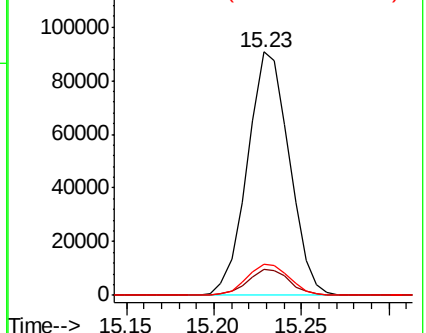
127 13.1 10.4 15.6



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: 25.362 ug/L

RT: 15.42 min Scan# 2244

Delta R.T. -0.00 min

Lab File: VY003538.D

Acq: 18 Nov 2020 19:56

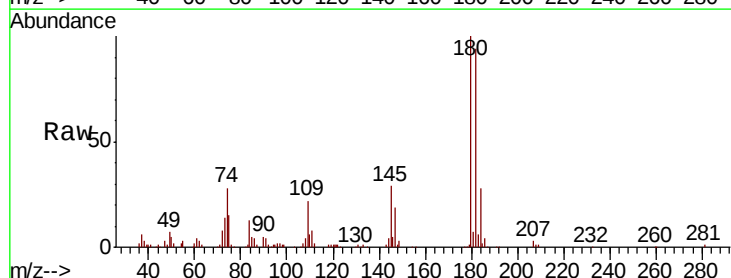
Tgt Ion:180 Resp: 61468

Ion Ratio Lower Upper

180 100

182 96.5 75.8 113.6

145 30.2 23.6 35.4



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

