

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY123020\
 Data File : VY003860.D
 Acq On : 30 Dec 2020 11:14
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 31 03:12:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYL122920SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 30 15:50:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.69	114	334239	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	314828	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.42	152	179478	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	116277	20.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.28%
7) Chloroethane-d5	2.77	69	98928	22.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.44%
11) 1,1-Dichloroethene-d2	3.86	63	216631	22.20	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.80%
21) 2-Butanone-d5	6.89	46	106308	49.44	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.88%
24) Chloroform-d	7.48	84	223691	24.23	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.92%
26) 1,2-Dichloroethane-d4	8.14	65	141321	24.03	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.12%
32) Benzene-d6	8.11	84	405718	23.18	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.72%
36) 1,2-Dichloropropane-d6	9.12	67	128917	24.97	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.88%
41) Toluene-d8	10.18	98	376084	22.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.76%
43) trans-1,3-Dichloropropene-	10.43	79	68058	23.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.48%
47) 2-Hexanone-d5	10.79	63	79401	49.59	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.18%
56) 1,1,2,2-Tetrachloroethane-	12.56	84	133856	26.37	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.48%
66) 1,2-Dichlorobenzene-d4	13.72	152	161042	24.55	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.91	85	136904	24.450	ug/L 100
3) Chloromethane	2.12	50	159582	25.449	ug/L 97
5) Vinyl chloride	2.25	62	179935	27.045	ug/L 98
6) Bromomethane	2.66	94	110583	27.186	ug/L 98
8) Chloroethane	2.80	64	110491	27.518	ug/L 99
9) Trichlorofluoromethane	3.13	101	237443	26.714	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	3.90	101	128138	27.456	ug/L 99
12) 1,1-Dichloroethene	3.88	96	119229	27.213	ug/L 96
13) Acetone	3.95	43	76709	47.821	ug/L 98
14) Carbon disulfide	4.20	76	388310	26.333	ug/L 100
15) Methyl Acetate	4.48	43	91831	24.882	ug/L 99
16) Methylene chloride	4.72	84	135516	25.280	ug/L 94
17) trans-1,2-Dichloroethene	5.22	96	131538	27.439	ug/L 96
18) Methyl tert-butyl Ether	5.23	73	370439	26.160	ug/L 100
19) 1,1-Dichloroethane	6.02	63	241305	27.859	ug/L 98
20) cis-1,2-Dichloroethene	6.99	96	139893	26.989	ug/L 98
22) 2-Butanone	6.99	43	120194	48.345	ug/L 100

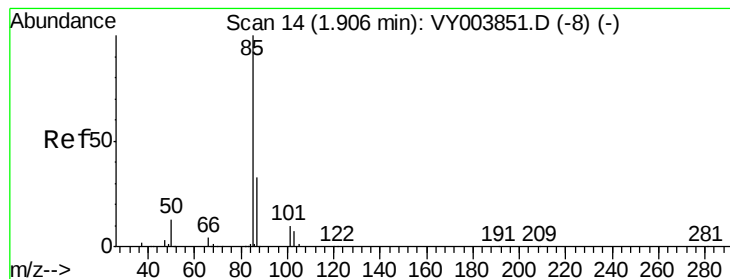
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY123020\
 Data File : VY003860.D
 Acq On : 30 Dec 2020 11:14
 Operator : SY/MD
 Sample : VSTDCCC025
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Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 31 03:12:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYLEM122920SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 30 15:50:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.34	128	68941	26.897	ug/L	98
25) Chloroform	7.51	83	249337	27.459	ug/L	97
27) 1,2-Dichloroethane	8.24	62	193217	27.381	ug/L	100
29) Cyclohexane	7.78	56	233352	28.283	ug/L	100
30) 1,1,1-Trichloroethane	7.70	97	236233	27.877	ug/L	97
31) Carbon tetrachloride	7.90	117	215832	27.542	ug/L	99
33) Benzene	8.16	78	546487	28.397	ug/L	100
34) Trichloroethene	8.94	95	144250	27.122	ug/L	98
35) Methylcyclohexane	9.18	83	249583	28.836	ug/L	98
37) 1,2-Dichloropropane	9.22	63	138364	28.241	ug/L	99
38) Bromodichloromethane	9.50	83	190567	27.607	ug/L	100
39) cis-1,3-Dichloropropene	9.93	75	231087	27.610	ug/L	97
40) 4-Methyl-2-pentanone	10.07	43	273041	52.202	ug/L	99
42) Toluene	10.24	91	600445	28.205	ug/L	98
44) trans-1,3-Dichloropropene	10.47	75	220400	27.278	ug/L	99
45) 1,1,2-Trichloroethane	10.64	97	113018	26.858	ug/L	97
46) Tetrachloroethene	10.72	164	126533	27.504	ug/L	98
48) 2-Hexanone	10.83	43	191969	50.372	ug/L	99
49) Dibromochloromethane	10.98	129	145897	27.385	ug/L	97
50) 1,2-Dibromoethane	11.09	107	108637	26.144	ug/L	96
51) Chlorobenzene	11.51	112	381975	27.745	ug/L	97
52) Ethylbenzene	11.59	91	675422	28.324	ug/L	99
53) m,p-Xylene	11.70	106	261376	28.903	ug/L	93
54) o-Xylene	12.03	106	248132	28.179	ug/L	97
55) Styrene	12.04	104	433369	28.460	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.58	83	133800	26.868	ug/L	98
59) Bromoform	12.21	173	100712	26.000	ug/L	99
60) Isopropylbenzene	12.32	105	686579	28.935	ug/L	100
61) 1,2,3-Trichloropropane	12.63	75	113872	25.834	ug/L	100
62) 1,3,5-Trimethylbenzene	12.81	105	571890	29.018	ug/L	99
63) 1,2,4-Trimethylbenzene	13.12	105	575363	28.817	ug/L	99
64) 1,3-Dichlorobenzene	13.36	146	325475	28.317	ug/L	100
65) 1,4-Dichlorobenzene	13.44	146	326944	28.090	ug/L	99
67) 1,2-Dichlorobenzene	13.73	146	298120	27.698	ug/L	98
68) 1,2-Dibromo-3-chloropropan	14.35	75	29160	26.615	ug/L	98
69) 1,3,5-Trichlorobenzene	14.50	180	255301	28.492	ug/L	99
70) 1,2,4-trichlorobenzene	15.00	180	210075	27.651	ug/L	99
71) Naphthalene	15.23	128	424550	26.768	ug/L	99
72) 1,2,3-Trichlorobenzene	15.42	180	185575	27.653	ug/L	98

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



#2

Dichlorodifluoromethane

Concen: 24.450 ug/L

RT: 1.91 min Scan# 14

Delta R.T. 0.00 min

Lab File: VY003860.D

Acq: 30 Dec 2020 11:14

Instrument :

MSVOA_Y

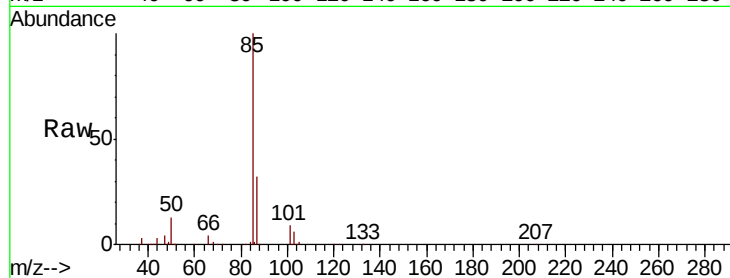
ClientSampled :

Tot Ion: 85 Resp: 136904

Ion Ratio Lower Upper

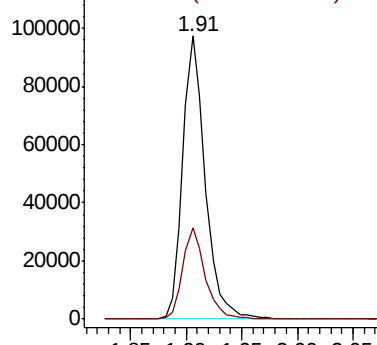
85 100

87 32.0 25.4 38.2

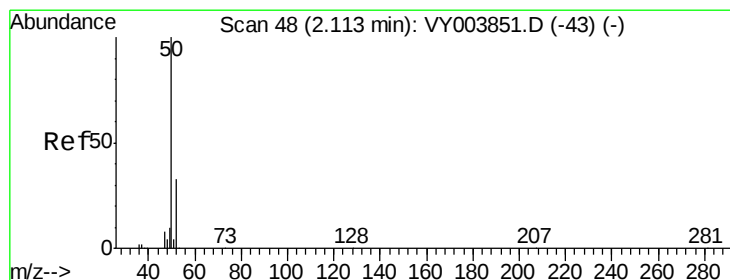
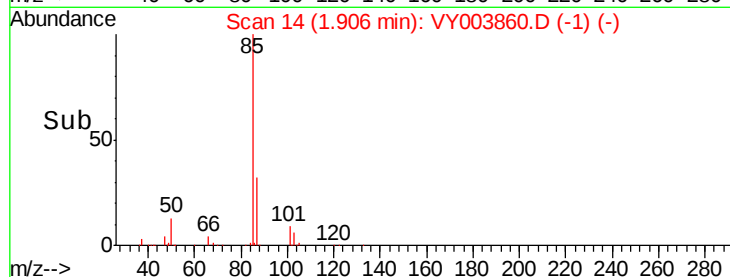


Abundance Ion 85.00 (84.70 to 85.70): VY0

Ion 87.00 (86.70 to 87.70): VY0



Time-->



#3

Chloromethane

Concen: 25.449 ug/L

RT: 2.12 min Scan# 49

Delta R.T. 0.00 min

Lab File: VY003860.D

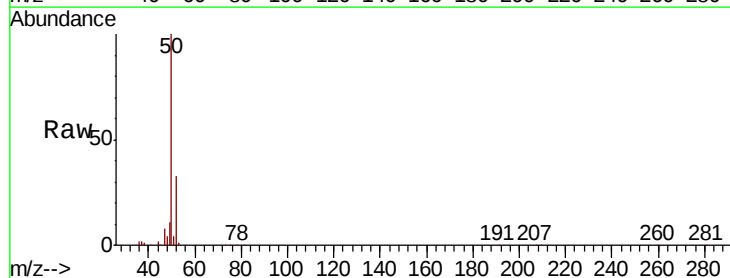
Acq: 30 Dec 2020 11:14

Tgt Ion: 50 Resp: 159582

Ion Ratio Lower Upper

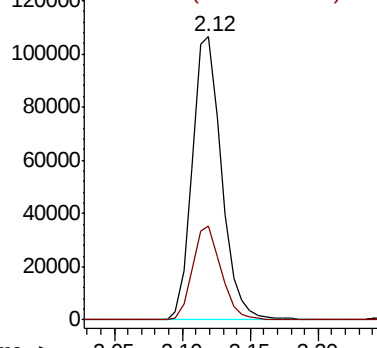
50 100

52 33.2 22.0 41.0

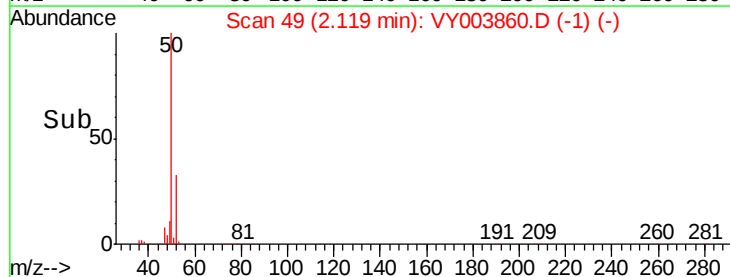


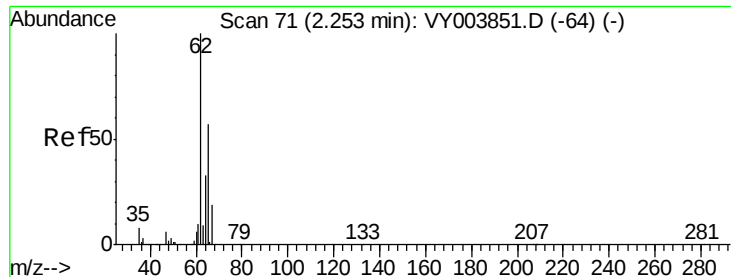
Abundance Ion 50.00 (49.70 to 50.70): VY0

Ion 52.00 (51.70 to 52.70): VY0



Time-->





#5

Vinyl chloride

Concen: 27.045 ug/L

RT: 2.25 min Scan# 71

Delta R.T. 0.00 min

Lab File: VY003860.D

Acq: 30 Dec 2020 11:14

Instrument :

MSVOA_Y

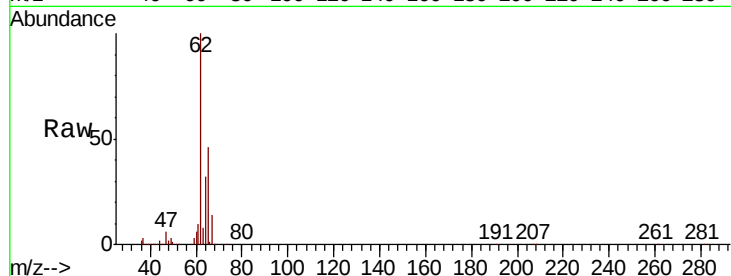
ClientSampleId :

Tot Ion: 62 Resp: 179935

Ion Ratio Lower Upper

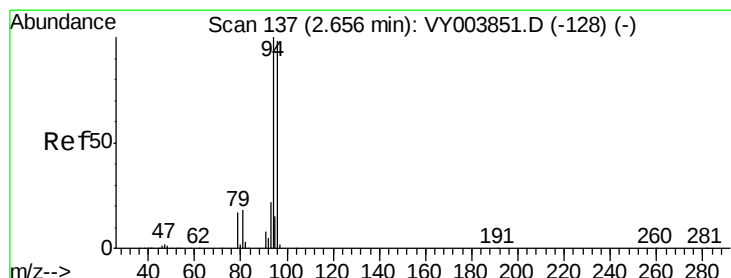
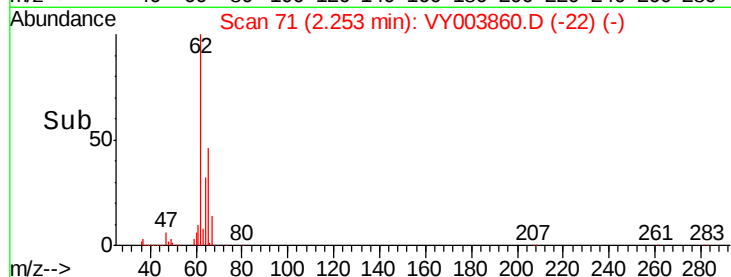
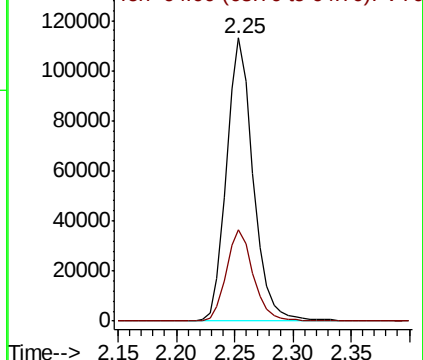
62 100

64 32.2 23.2 43.2



Abundance Ion 62.00 (61.70 to 62.70): VY0

Ion 64.00 (63.70 to 64.70): VY0



#6

Bromomethane

Concen: 27.186 ug/L

RT: 2.66 min Scan# 137

Delta R.T. 0.00 min

Lab File: VY003860.D

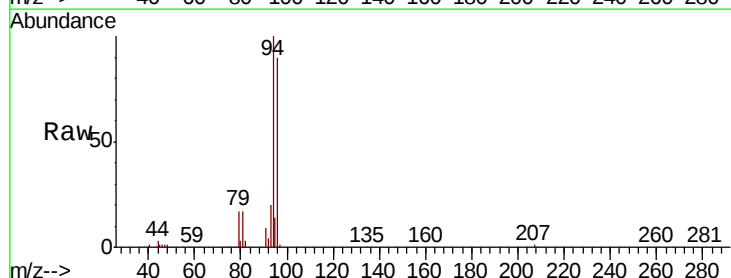
Acq: 30 Dec 2020 11:14

Tgt Ion: 94 Resp: 110583

Ion Ratio Lower Upper

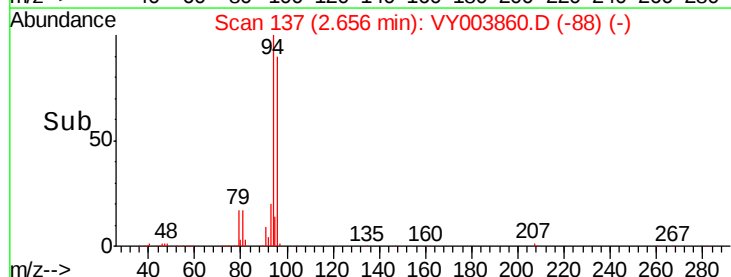
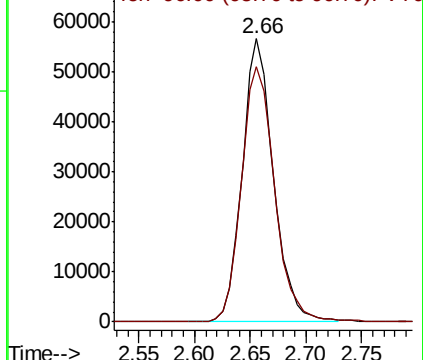
94 100

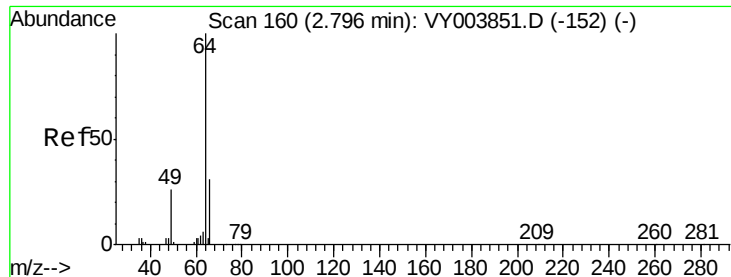
96 90.1 64.3 119.3



Abundance Ion 94.00 (93.70 to 94.70): VY0

Ion 96.00 (95.70 to 96.70): VY0





#8

Chloroethane

Concen: 27.518 ug/L

RT: 2.80 min Scan# 160

Delta R.T. 0.00 min

Lab File: VY003860.D

Acq: 30 Dec 2020 11:14

Instrument :

MSVOA_Y

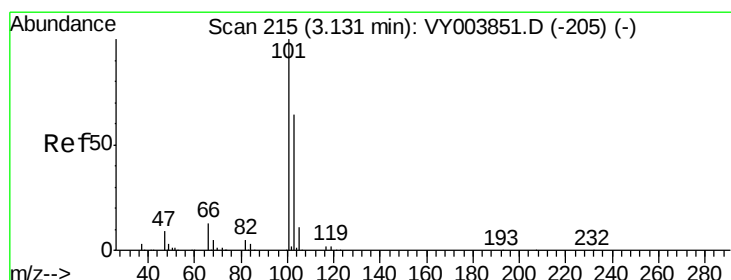
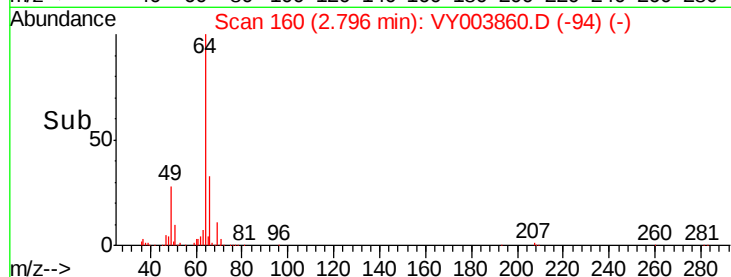
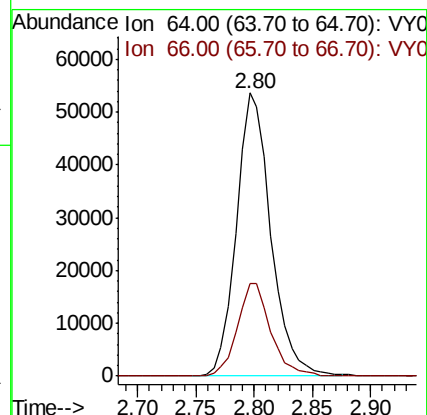
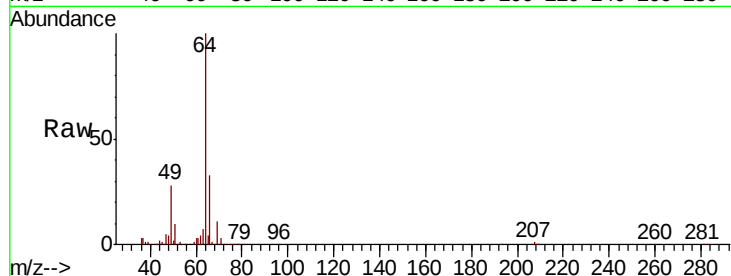
ClientSampleId :

Tot Ion: 64 Resp: 110491

Ion Ratio Lower Upper

64 100

66 32.5 22.5 41.7



#9

Trichlorofluoromethane

Concen: 26.714 ug/L

RT: 3.13 min Scan# 215

Delta R.T. 0.00 min

Lab File: VY003860.D

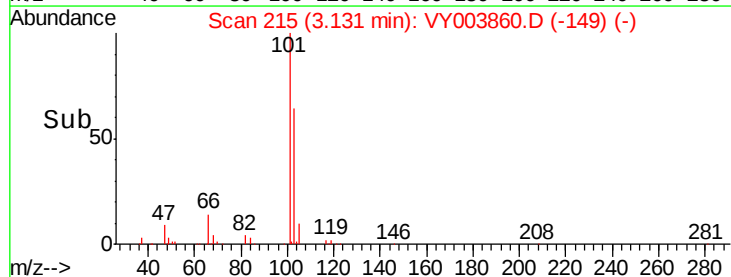
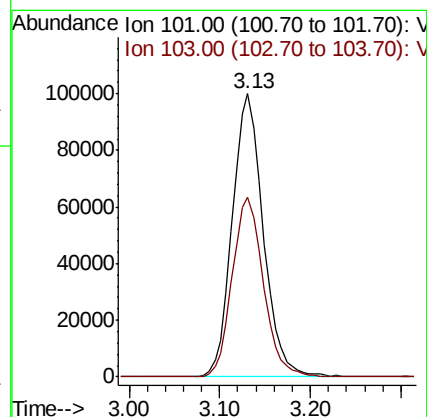
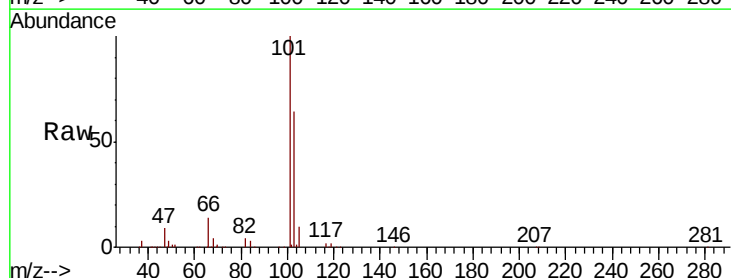
Acq: 30 Dec 2020 11:14

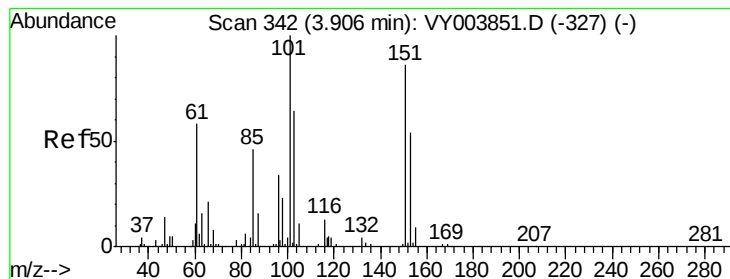
Tgt Ion: 101 Resp: 237443

Ion Ratio Lower Upper

101 100

103 64.1 51.4 77.0





#10

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

Concen: 27.456 ug/L

RT: 3.90 min Scan# 341

Delta R.T. 0.00 min

Lab File: VY003860.D

Acq: 30 Dec 2020 11:14

Instrument :

MSVOA_Y

ClientSampleId :

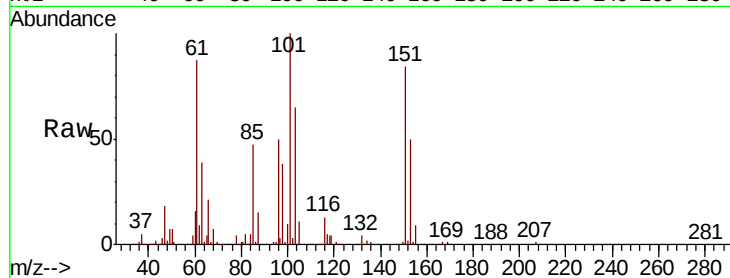
Tot Ion:101 Resp: 128138

Ion Ratio Lower Upper

101 100

85 45.3 37.1 55.7

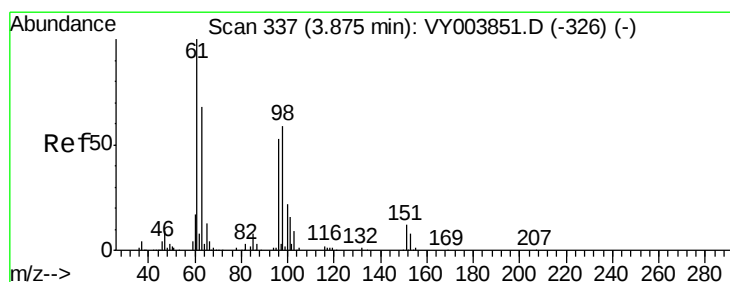
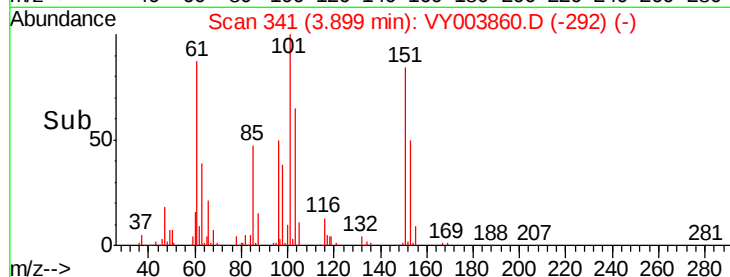
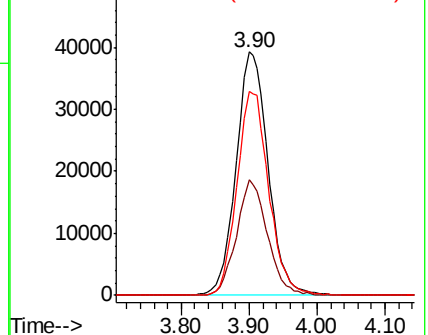
151 83.1 66.4 99.6



Abundance Ion 101.00 (100.70 to 101.70): VY003851.D (-327) (-)

Ion 85.00 (84.70 to 85.70): VY003851.D (-327) (-)

Ion 151.00 (150.70 to 151.70): VY003851.D (-327) (-)



#12

1,1-Dichloroethene

Concen: 27.213 ug/L

RT: 3.88 min Scan# 337

Delta R.T. 0.00 min

Lab File: VY003860.D

Acq: 30 Dec 2020 11:14

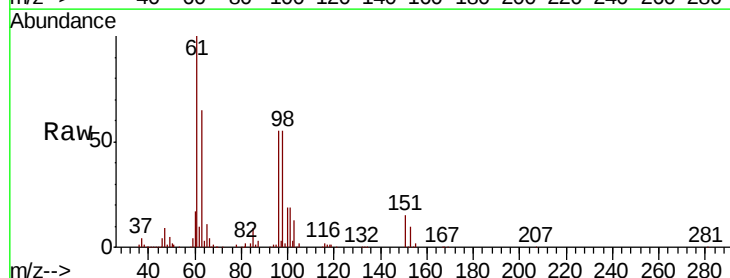
Tgt Ion: 96 Resp: 119229

Ion Ratio Lower Upper

96 100

61 182.2 123.8 230.0

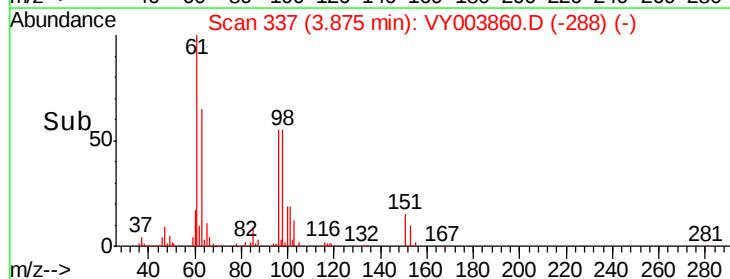
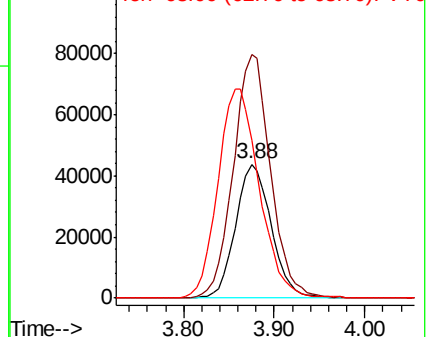
63 117.7 85.3 158.3

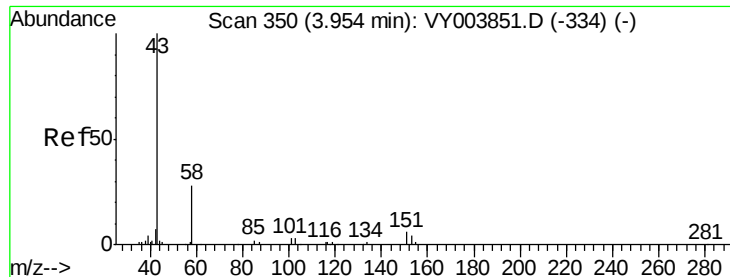


Abundance Ion 96.00 (95.70 to 96.70): VY003851.D (-326) (-)

Ion 61.00 (60.70 to 61.70): VY003851.D (-326) (-)

Ion 63.00 (62.70 to 63.70): VY003851.D (-326) (-)





#13

Acetone

Concen: 47.821 ug/L

RT: 3.95 min Scan# 350

Delta R.T. 0.00 min

Lab File: VY003860.D

Acq: 30 Dec 2020 11:14

Instrument :

MSVOA_Y

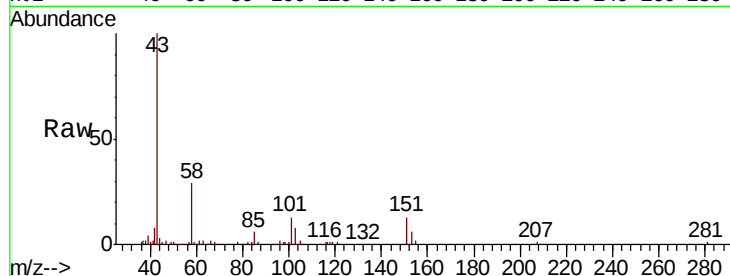
ClientSampleId :

Tot Ion: 43 Resp: 76709

Ion Ratio Lower Upper

43 100

58 27.9 0.0 58.4



Abundance Ion 43.00 (42.70 to 43.70): VY003851.D (-334) (-)

Ion 58.00 (57.70 to 58.70): VY003851.D (-334) (-)

3.95

25000

20000

15000

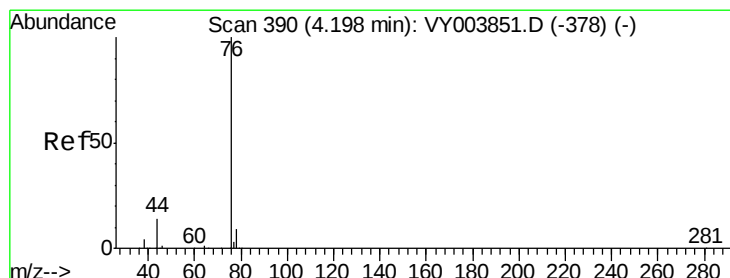
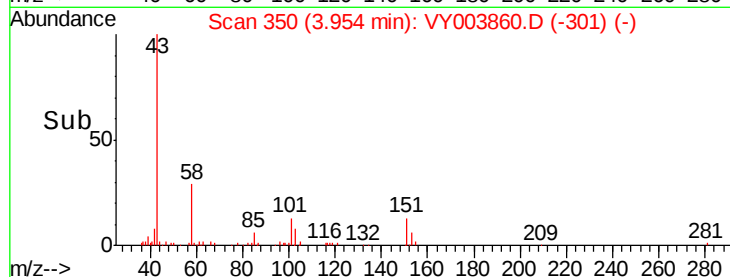
10000

5000

0

Time-->

3.80 3.90 4.00



#14

Carbon disulfide

Concen: 26.333 ug/L

RT: 4.20 min Scan# 390

Delta R.T. 0.00 min

Lab File: VY003860.D

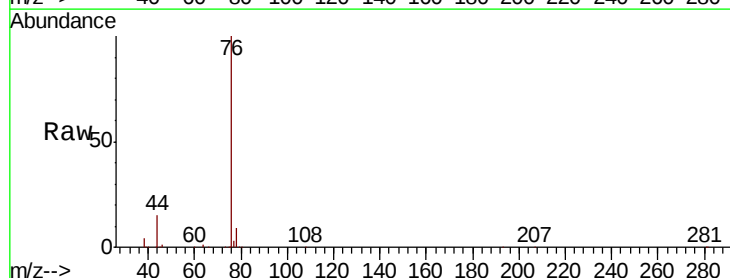
Acq: 30 Dec 2020 11:14

Tgt Ion: 76 Resp: 388310

Ion Ratio Lower Upper

76 100

78 9.5 7.4 11.2



Abundance Ion 76.00 (75.70 to 76.70): VY003851.D (-378) (-)

Ion 78.00 (77.70 to 78.70): VY003851.D (-378) (-)

4.20

150000

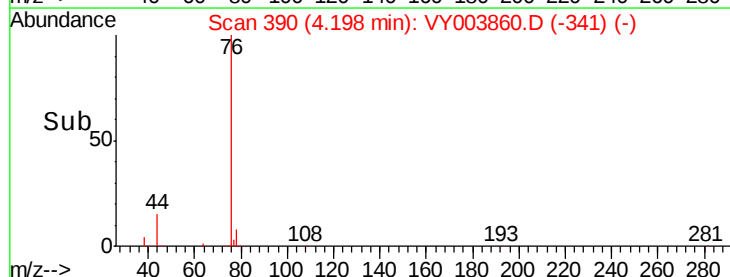
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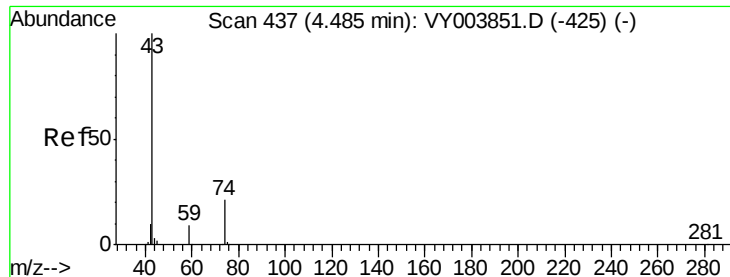
50000

0

Time-->

4.10 4.20 4.30

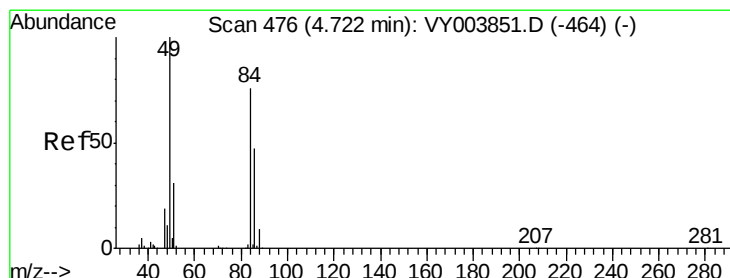
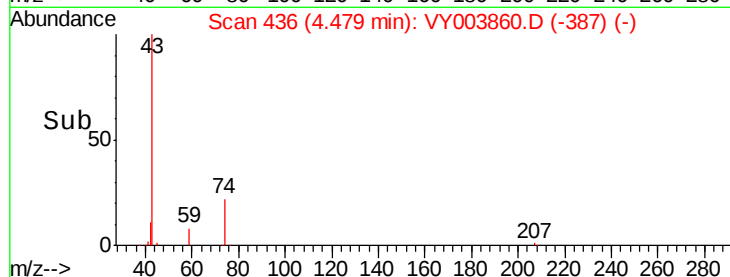
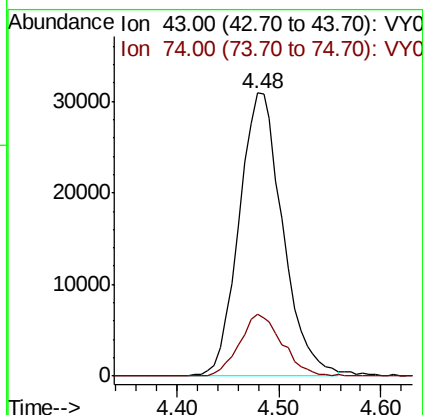
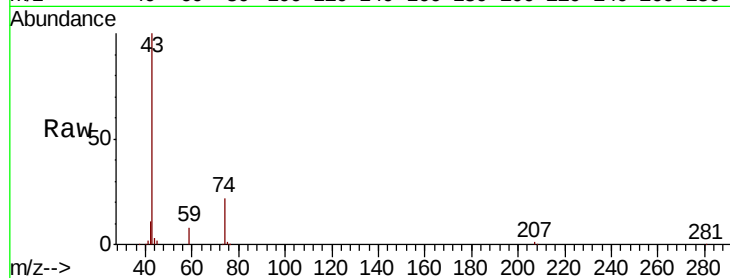




#15
Methyl Acetate
Concen: 24.882 ug/L
RT: 4.48 min Scan# 436
Delta R.T. 0.00 min
Lab File: VY003860.D
Acq: 30 Dec 2020 11:14

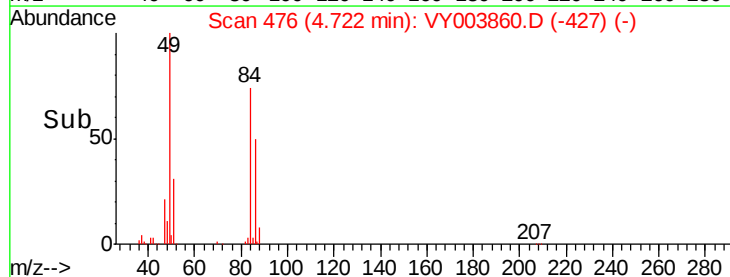
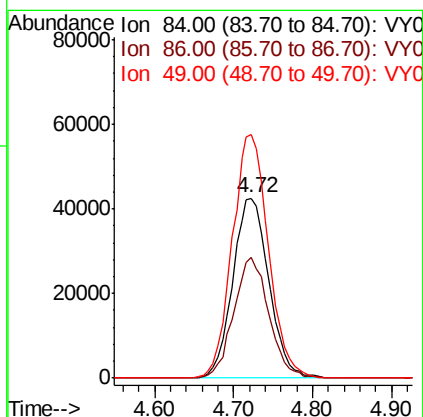
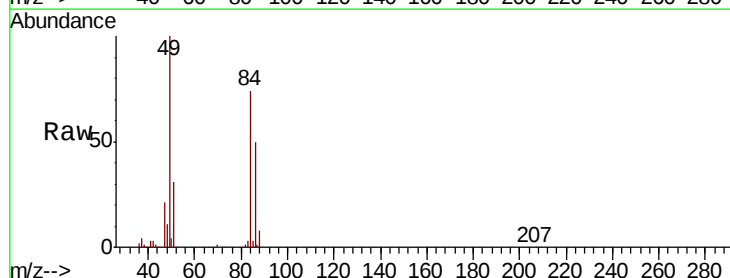
Instrument :
MSVOA_Y
ClientSampleId :

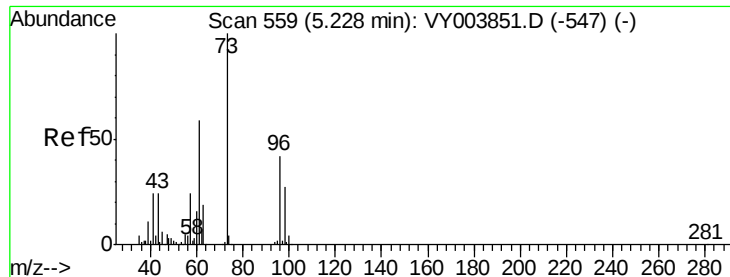
Tot Ion: 43 Resp: 91831
Ion Ratio Lower Upper
43 100
74 21.4 17.4 26.2



#16
Methylene chloride
Concen: 25.280 ug/L
RT: 4.72 min Scan# 476
Delta R.T. 0.00 min
Lab File: VY003860.D
Acq: 30 Dec 2020 11:14

Tgt Ion: 84 Resp: 135516
Ion Ratio Lower Upper
84 100
86 67.1 42.1 78.3
49 135.1 90.3 167.7

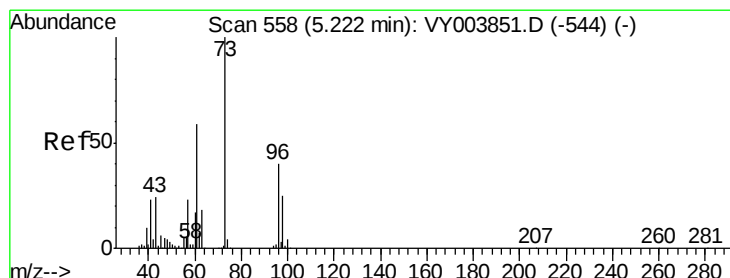
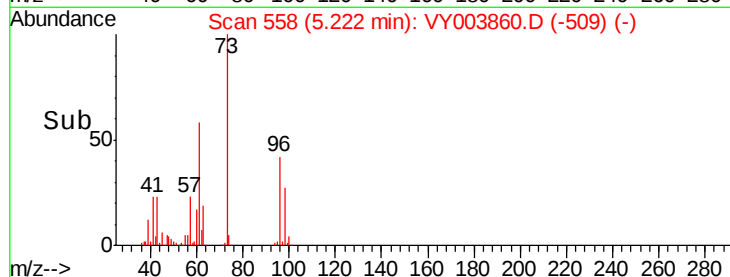
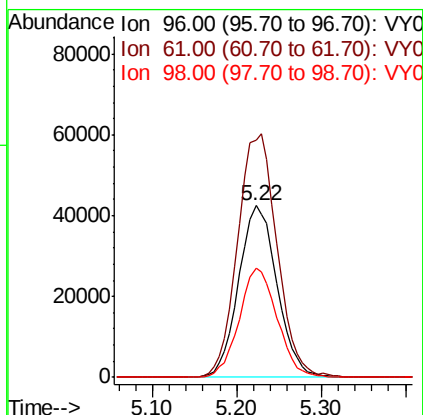
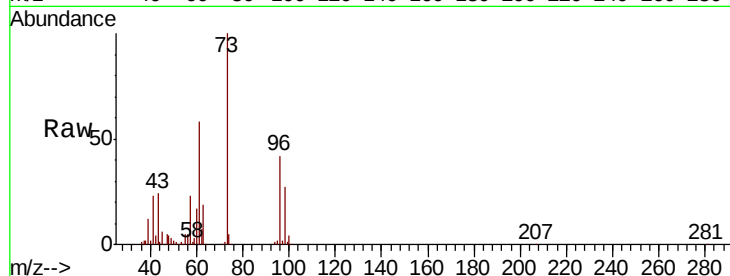




#17
trans-1,2-Dichloroethene
Concen: 27.439 ug/L
RT: 5.22 min Scan# 558
Delta R.T. 0.00 min
Lab File: VY003860.D
Acq: 30 Dec 2020 11:14

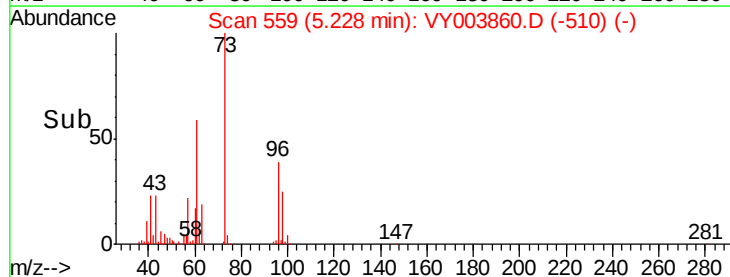
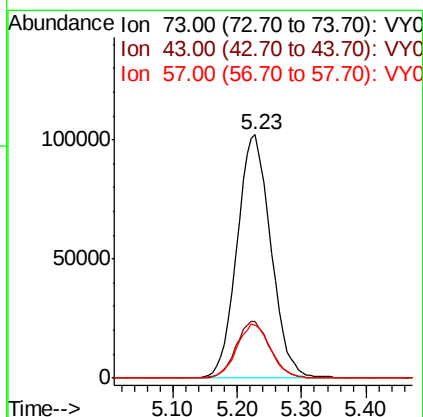
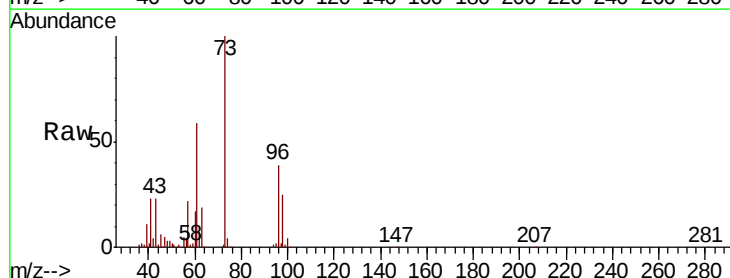
Instrument :
MSVOA_Y
ClientSampleId :

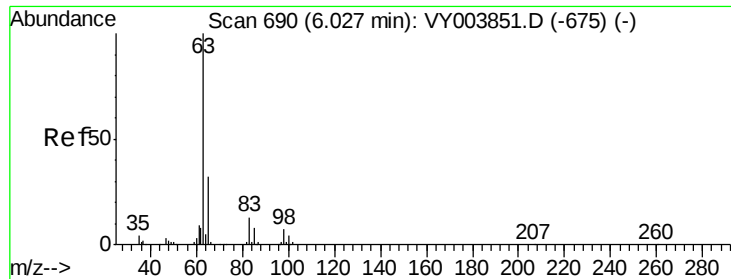
Tot Ion: 96 Resp: 131538
Ion Ratio Lower Upper
96 100
61 138.7 101.7 188.9
98 63.4 44.3 82.3



#18
Methyl tert-butyl Ether
Concen: 26.160 ug/L
RT: 5.23 min Scan# 559
Delta R.T. 0.00 min
Lab File: VY003860.D
Acq: 30 Dec 2020 11:14

Tgt Ion: 73 Resp: 370439
Ion Ratio Lower Upper
73 100
43 23.2 18.4 27.6
57 22.3 17.6 26.4

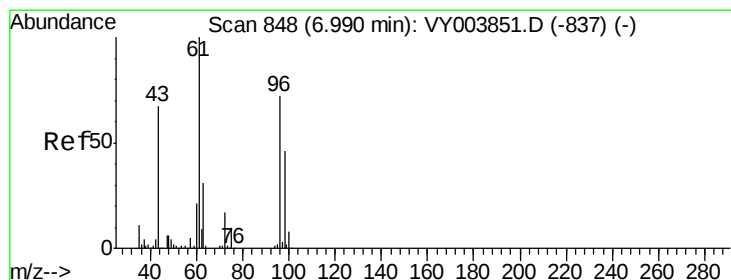
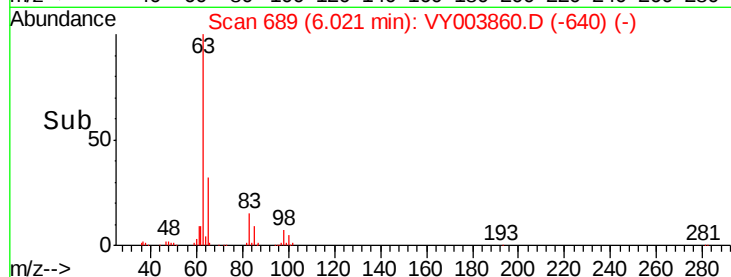
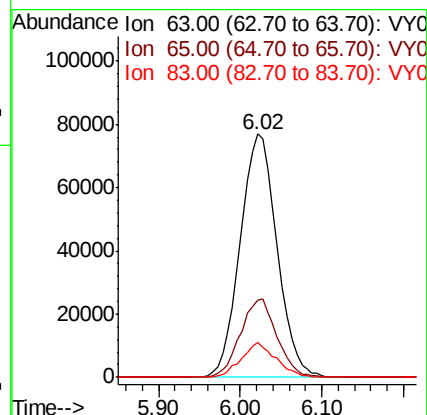
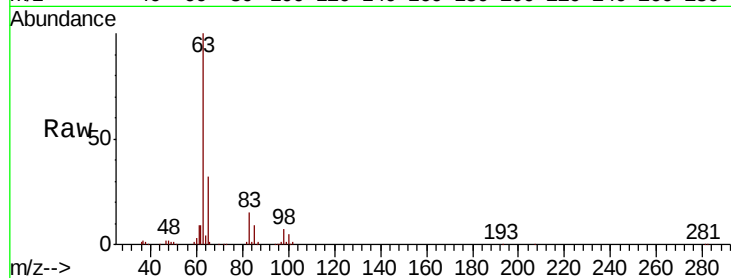




#19
 1,1-Dichloroethane
 Concen: 27.859 ug/L
 RT: 6.02 min Scan# 689
 Delta R.T. 0.00 min
 Lab File: VY003860.D
 Acq: 30 Dec 2020 11:14

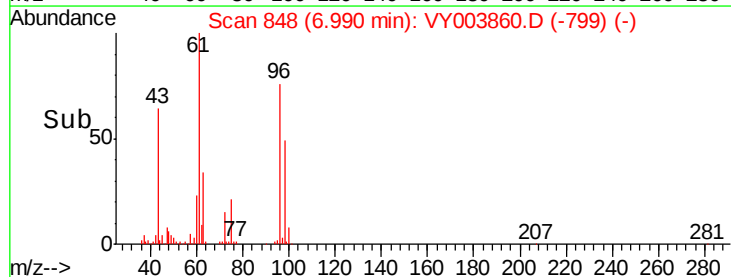
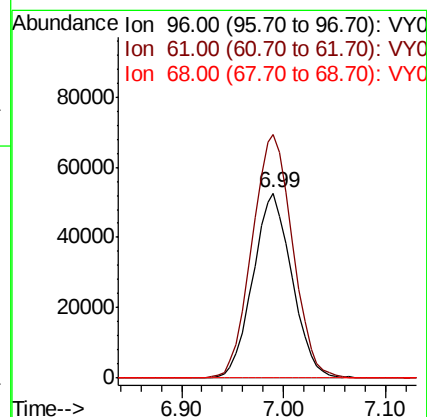
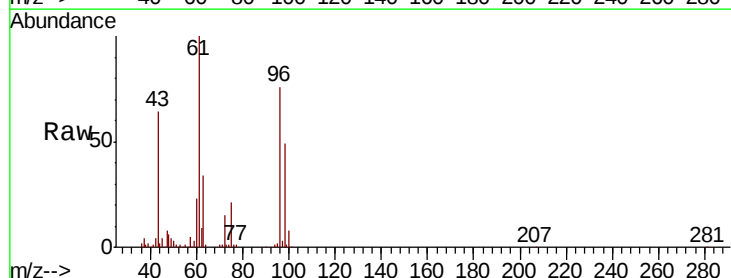
Instrument :
 MSVOA_Y
 ClientSampled :

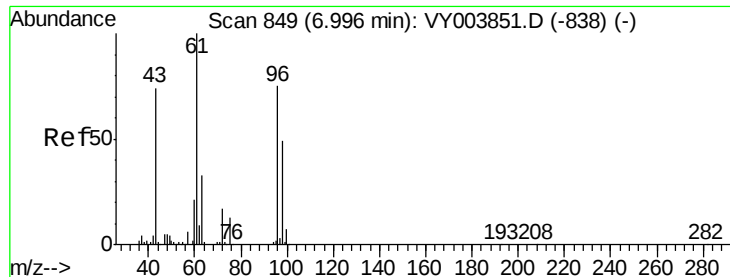
Tot Ion	Ratio	Lower	Upper
63	100		
65	31.7	21.9	40.7
83	14.6	8.7	16.1



#20
 cis-1,2-Dichloroethene
 Concen: 26.989 ug/L
 RT: 6.99 min Scan# 848
 Delta R.T. 0.00 min
 Lab File: VY003860.D
 Acq: 30 Dec 2020 11:14

Tgt Ion	Ratio	Lower	Upper
96	100		
61	131.4	90.6	168.3
68	0.0	0.0	0.0





#22

2-Butanone

Concen: 48.345 ug/L

RT: 6.99 min Scan# 848

Delta R.T. 0.00 min

Lab File: VY003860.D

Acq: 30 Dec 2020 11:14

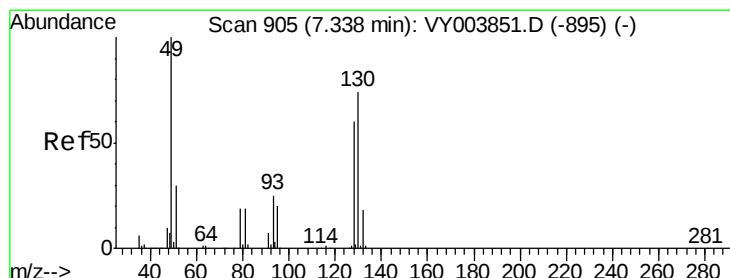
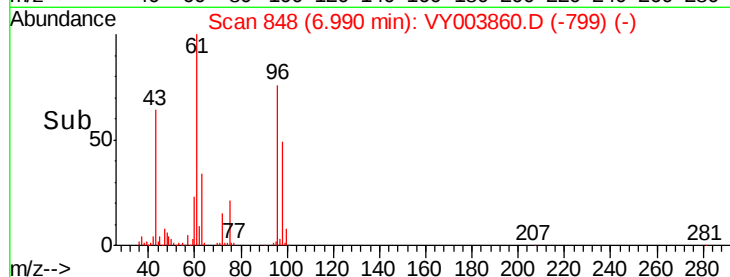
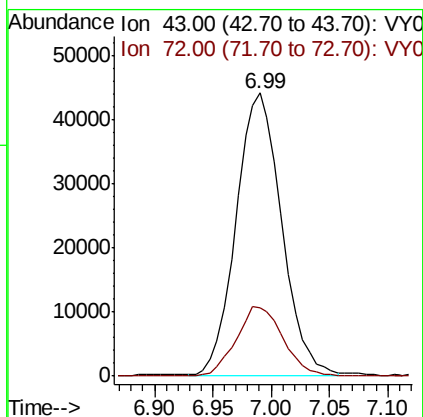
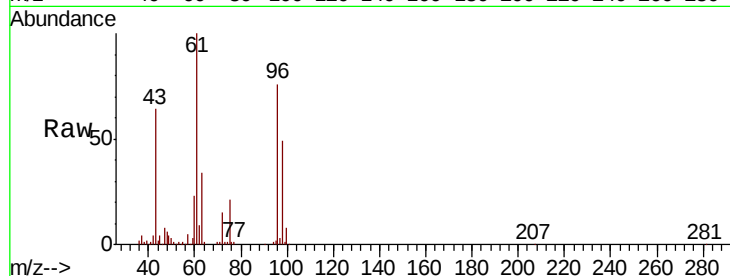
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 120194

Ion Ratio Lower Upper

43 100

72 25.2 12.6 37.8



#23

Bromochloromethane

Concen: 26.897 ug/L

RT: 7.34 min Scan# 905

Delta R.T. 0.00 min

Lab File: VY003860.D

Acq: 30 Dec 2020 11:14

Tgt Ion: 128 Resp: 68941

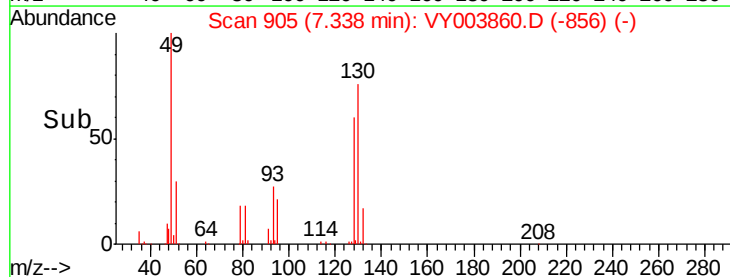
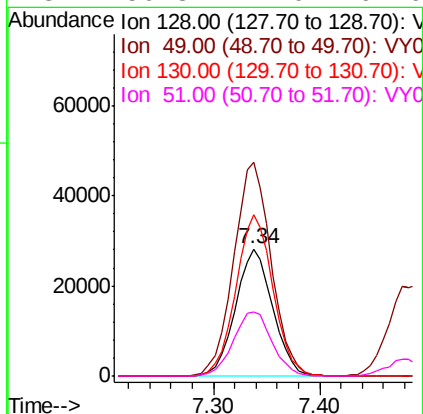
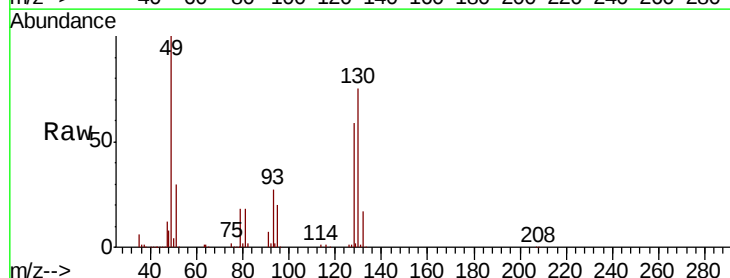
Ion Ratio Lower Upper

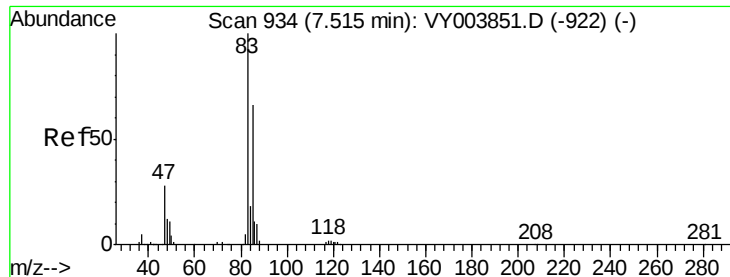
128 100

49 168.5 114.4 212.4

130 126.8 88.8 164.8

51 50.3 41.0 61.6





#25

Chloroform

Concen: 27.459 ug/L

RT: 7.51 min Scan# 933

Delta R.T. 0.00 min

Lab File: VY003860.D

Acq: 30 Dec 2020 11:14

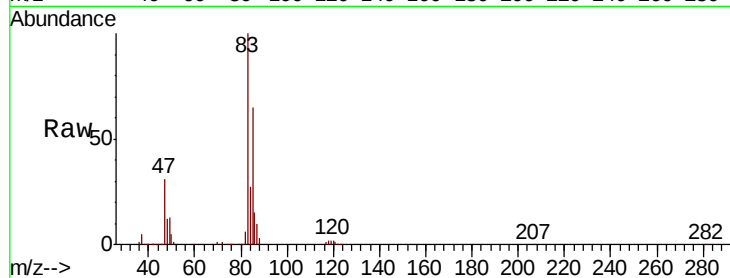
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 83 Resp: 249337

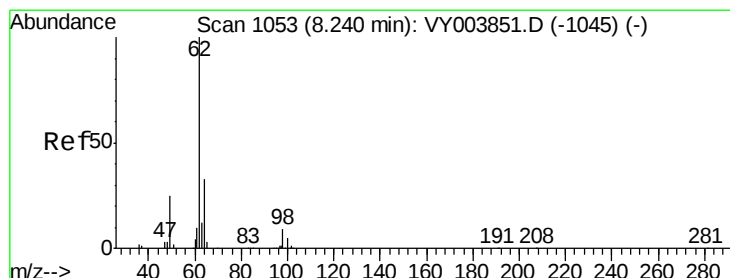
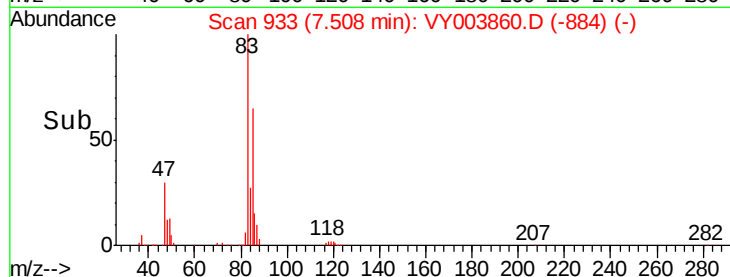
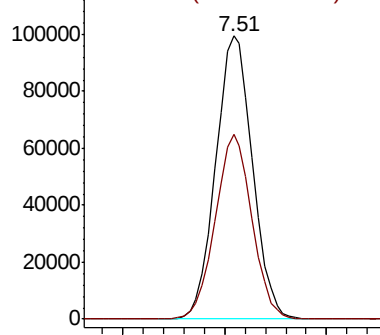
Ion Ratio Lower Upper

83 100

85 65.2 44.2 82.2



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



#27

1,2-Dichloroethane

Concen: 27.381 ug/L

RT: 8.24 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VY003860.D

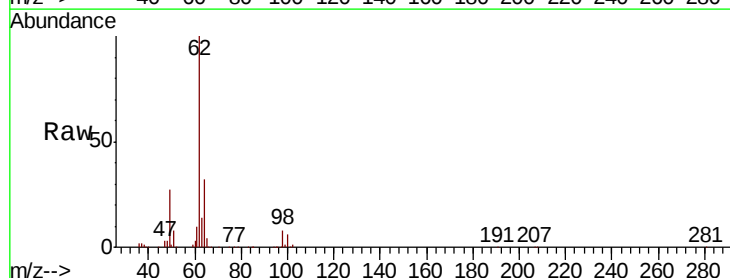
Acq: 30 Dec 2020 11:14

Tgt Ion: 62 Resp: 193217

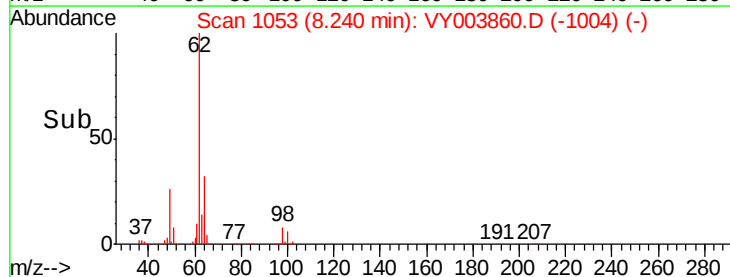
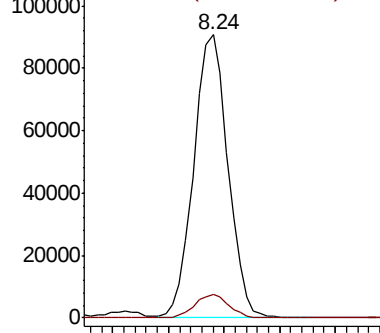
Ion Ratio Lower Upper

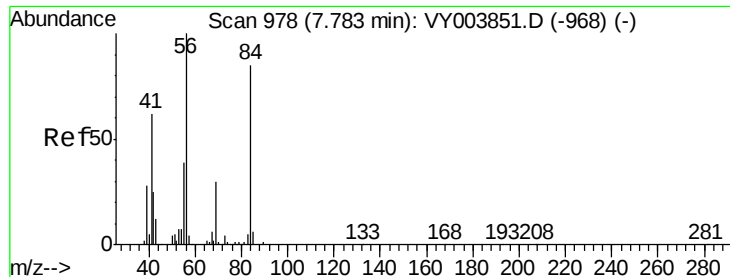
62 100

98 8.5 6.8 10.2



Abundance Ion 62.00 (61.70 to 62.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

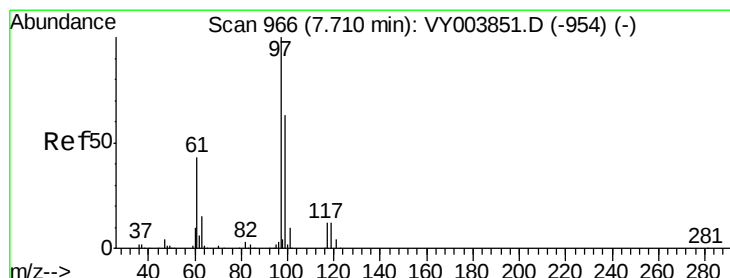
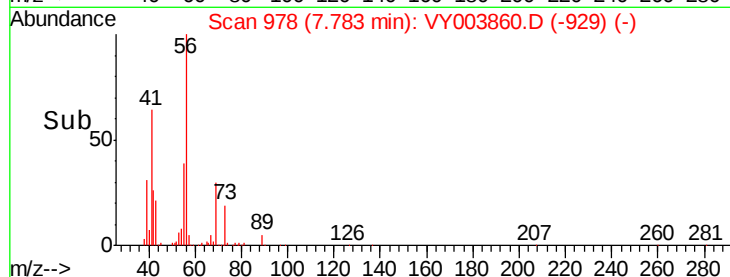
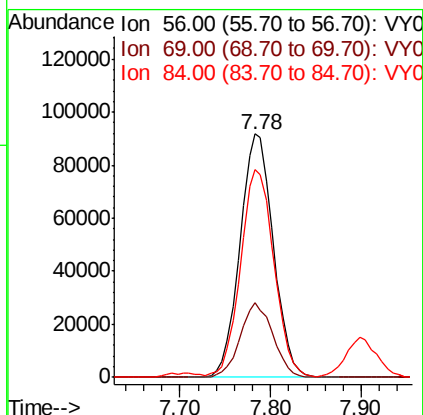
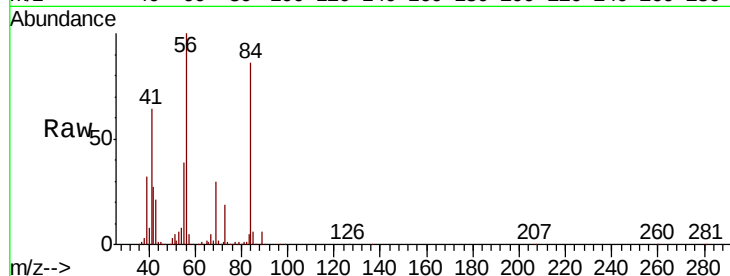




#29
Cyclohexane
Concen: 28.283 ug/L
RT: 7.78 min Scan# 978
Delta R.T. 0.00 min
Lab File: VY003860.D
Acq: 30 Dec 2020 11:14

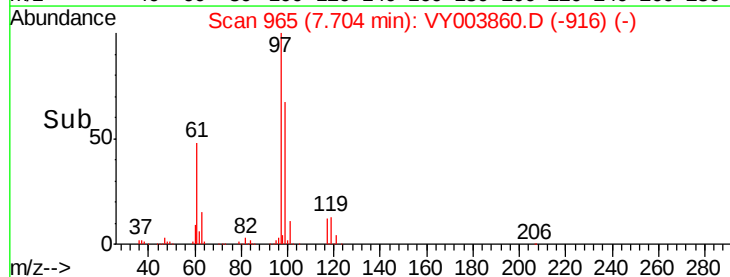
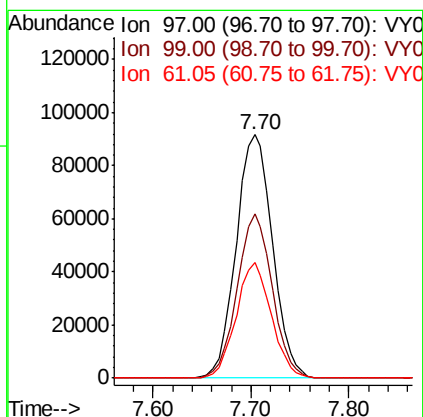
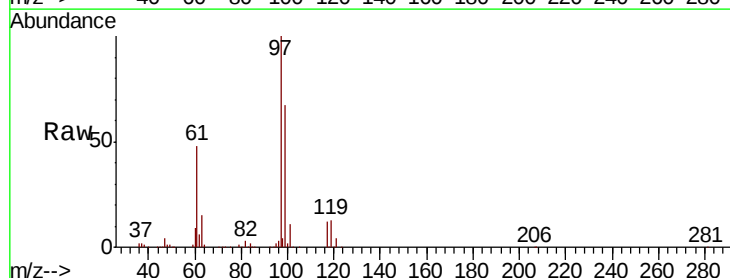
Instrument :
MSVOA_Y
ClientSampleId :

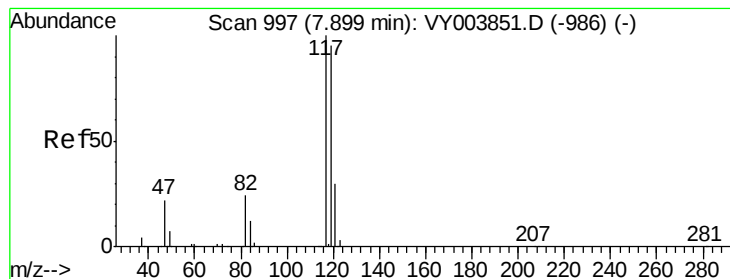
Tot Ion: 56 Resp: 233352
Ion Ratio Lower Upper
56 100
69 30.1 24.2 36.2
84 85.7 68.7 103.1



#30
1,1,1-Trichloroethane
Concen: 27.877 ug/L
RT: 7.70 min Scan# 965
Delta R.T. 0.00 min
Lab File: VY003860.D
Acq: 30 Dec 2020 11:14

Tgt Ion: 97 Resp: 236233
Ion Ratio Lower Upper
97 100
99 65.1 50.5 75.7
61 46.0 35.5 53.3





#31

Carbon tetrachloride

Concen: 27.542 ug/L

RT: 7.90 min Scan# 997

Delta R.T. 0.00 min

Lab File: VY003860.D

Acq: 30 Dec 2020 11:14

Instrument :

MSVOA_Y

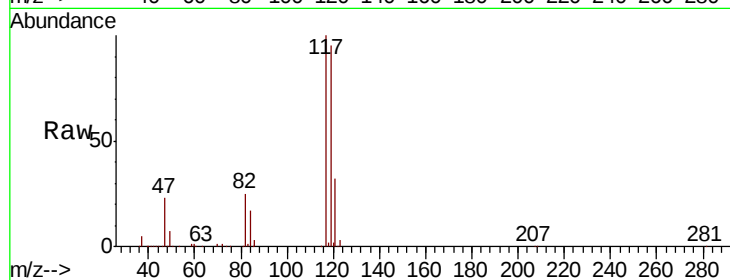
ClientSampleId :

Tot Ion:117 Resp: 215832

Ion Ratio Lower Upper

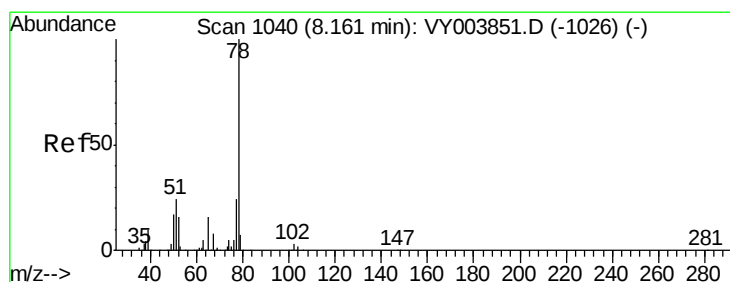
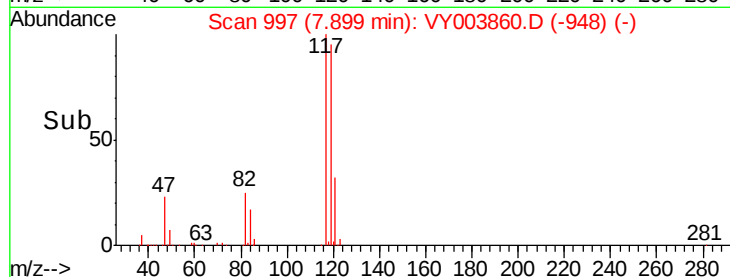
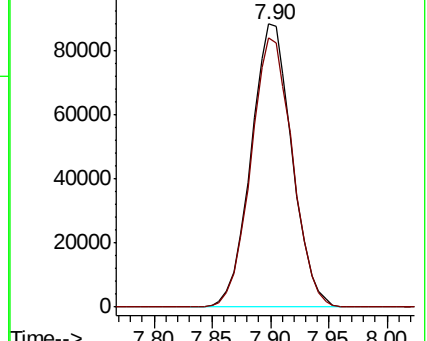
117 100

119 96.5 76.2 114.4



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#33

Benzene

Concen: 28.397 ug/L

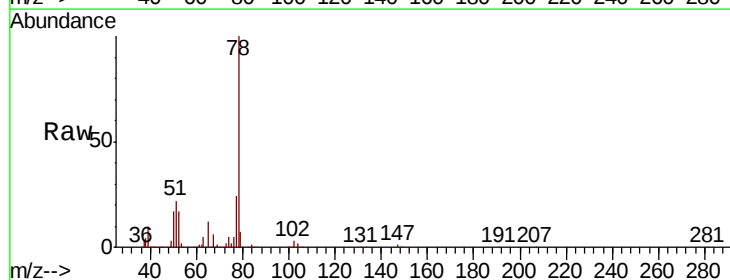
RT: 8.16 min Scan# 1040

Delta R.T. 0.00 min

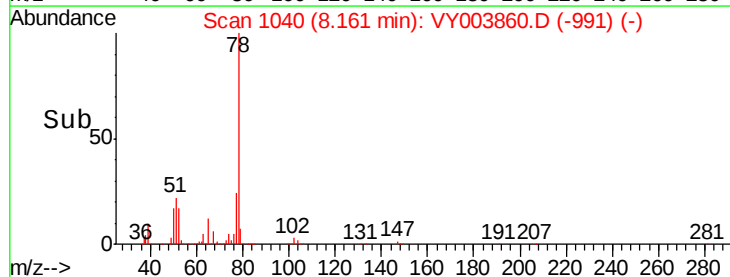
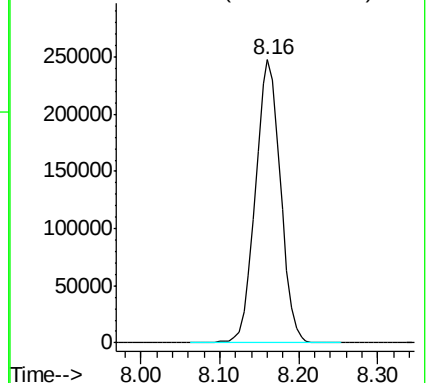
Lab File: VY003860.D

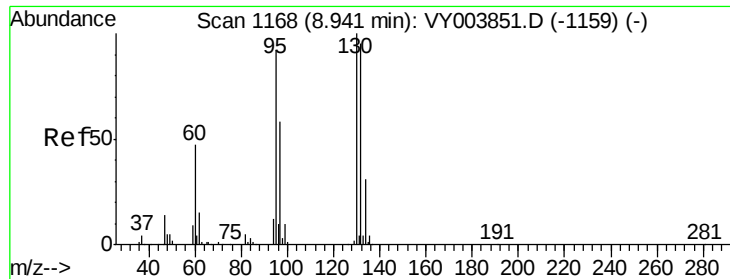
Acq: 30 Dec 2020 11:14

Tgt Ion: 78 Resp: 546487



Abundance Ion 78.00 (77.70 to 78.70): VY0

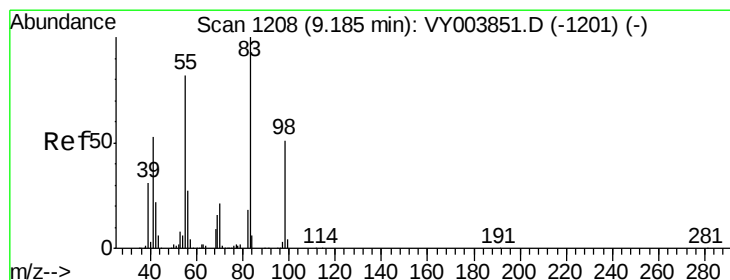
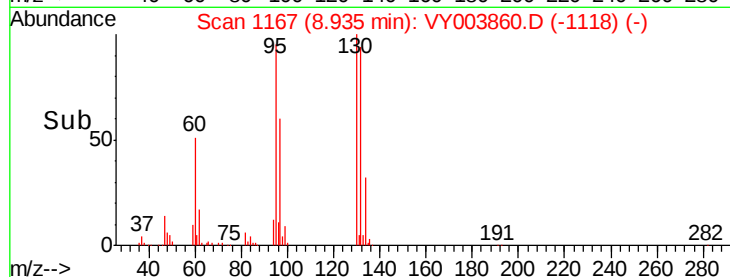
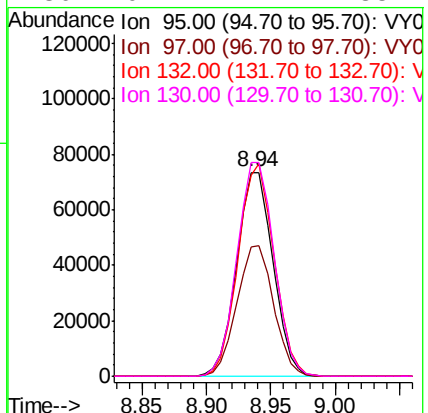
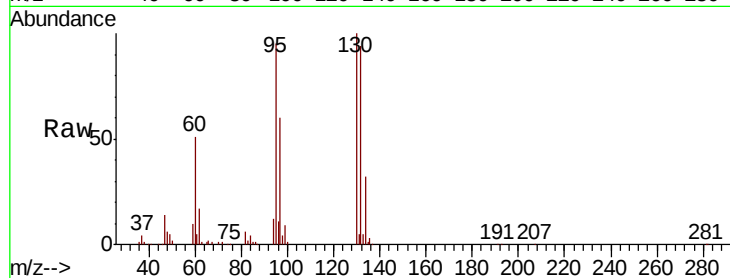




#34
 Trichloroethene
 Concen: 27.122 ug/L
 RT: 8.94 min Scan# 1167
 Delta R.T. 0.00 min
 Lab File: VY003860.D
 Acq: 30 Dec 2020 11:14

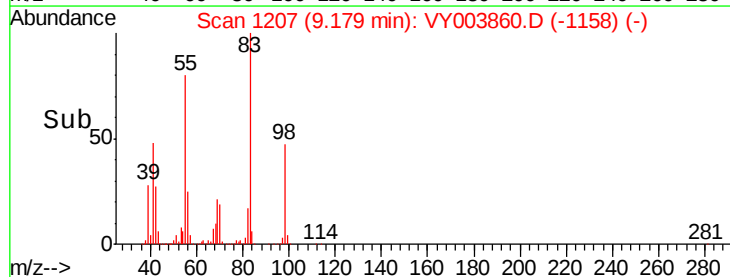
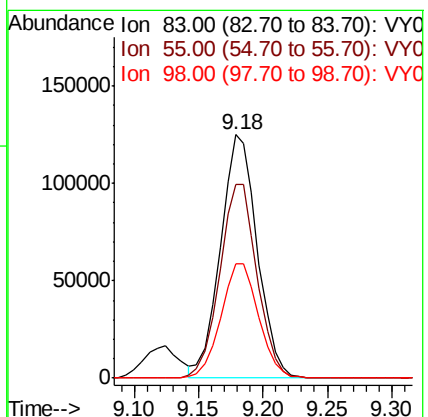
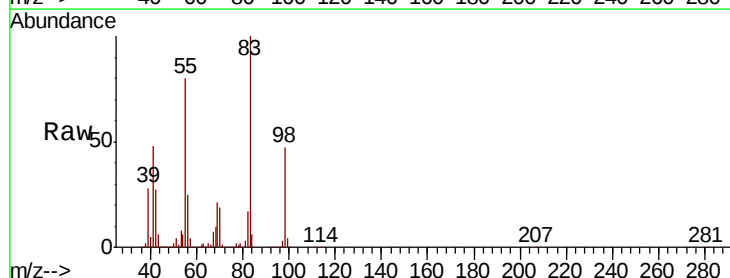
Instrument :
 MSVOA_Y
 ClientSampled :

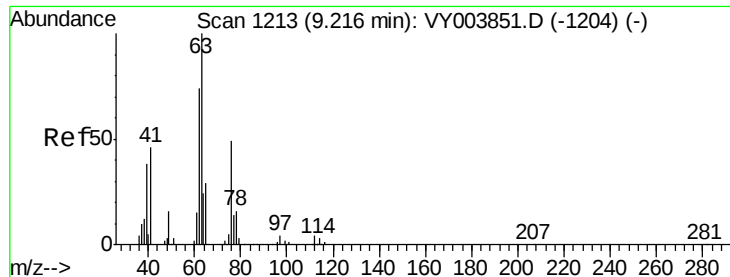
Tot Ion	95	Resp	144250
Ion Ratio	Lower	Upper	
95	100		
97	63.3	44.4	82.5
132	98.9	71.8	133.4
130	104.7	74.4	138.2



#35
 Methylcyclohexane
 Concen: 28.836 ug/L
 RT: 9.18 min Scan# 1207
 Delta R.T. 0.00 min
 Lab File: VY003860.D
 Acq: 30 Dec 2020 11:14

Tgt Ion	83	Resp	249583
Ion Ratio	Lower	Upper	
83	100		
55	80.7	62.9	94.3
98	48.2	39.7	59.5

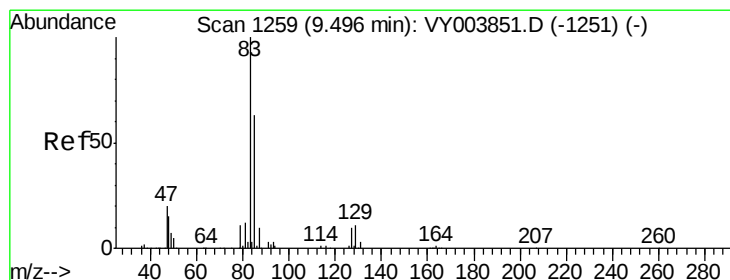
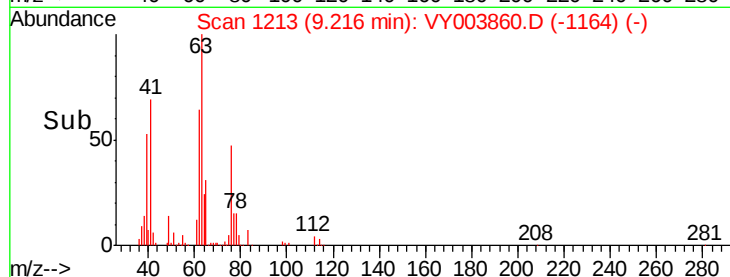
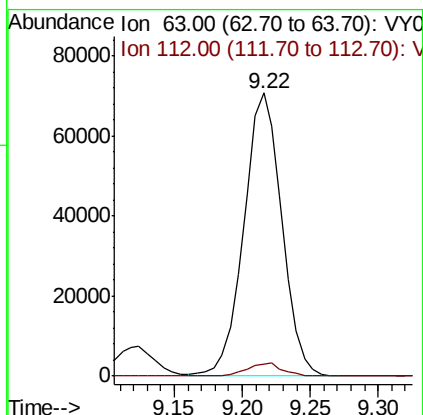
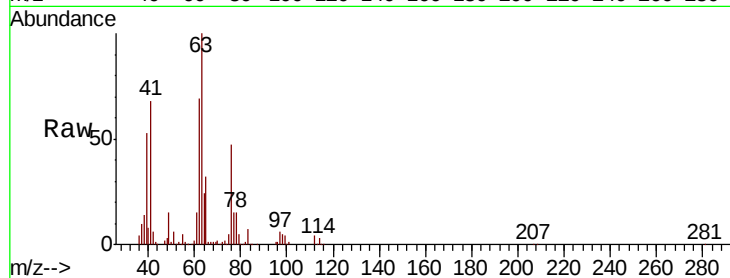




#37
 1,2-Dichloropropane
 Concen: 28.241 ug/L
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.00 min
 Lab File: VY003860.D
 Acq: 30 Dec 2020 11:14

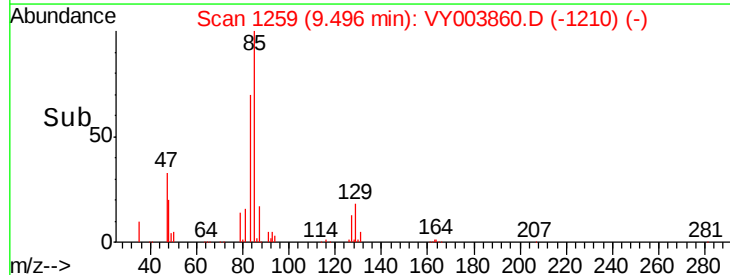
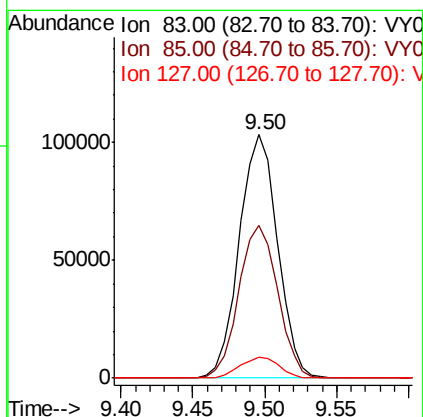
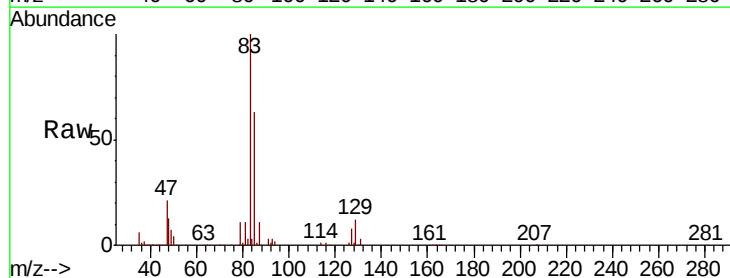
Instrument :
 MSVOA_Y
 ClientSampleId :

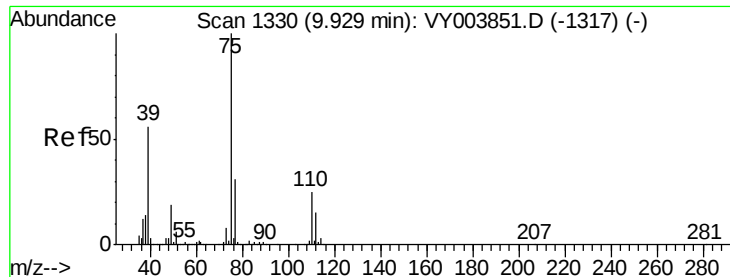
Tot Ion: 63 Resp: 138364
 Ion Ratio Lower Upper
 63 100
 112 4.4 3.7 5.5



#38
 Bromodichloromethane
 Concen: 27.607 ug/L
 RT: 9.50 min Scan# 1259
 Delta R.T. 0.00 min
 Lab File: VY003860.D
 Acq: 30 Dec 2020 11:14

Tgt Ion: 83 Resp: 190567
 Ion Ratio Lower Upper
 83 100
 85 62.9 44.2 82.0
 127 8.4 7.3 10.9



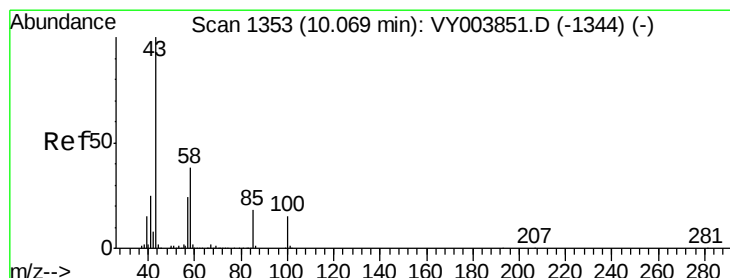
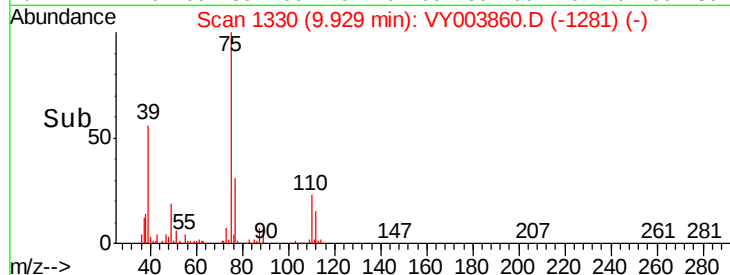
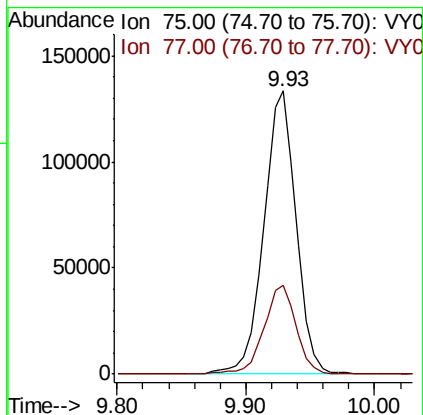
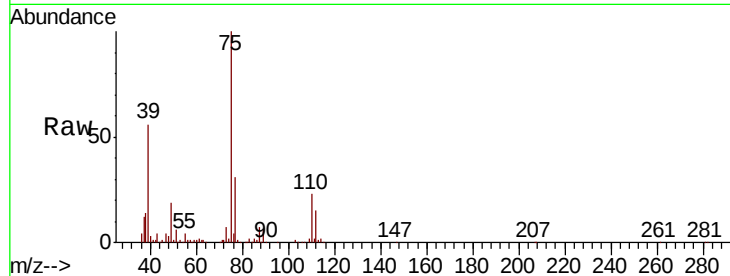


#39

cis-1,3-Dichloropropene
 Concen: 27.610 ug/L
 RT: 9.93 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VY003860.D
 Acq: 30 Dec 2020 11:14

Instrument :
 MSVOA_Y
 ClientSampled :

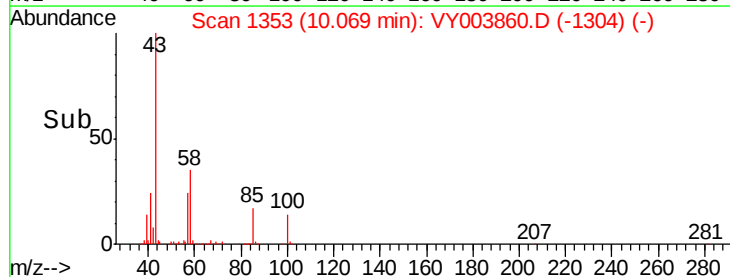
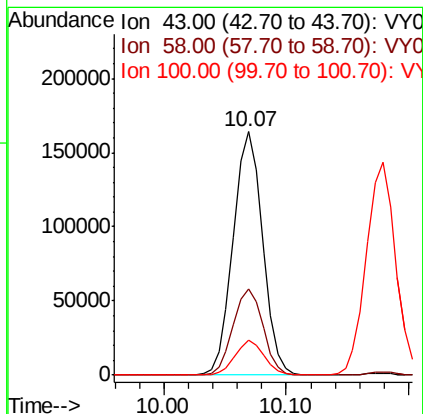
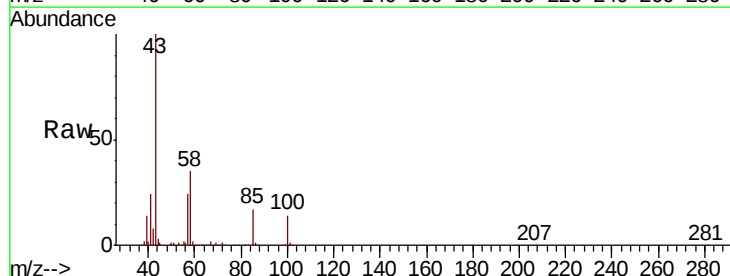
Tot Ion: 75 Resp: 231087
 Ion Ratio Lower Upper
 75 100
 77 31.2 23.0 42.6

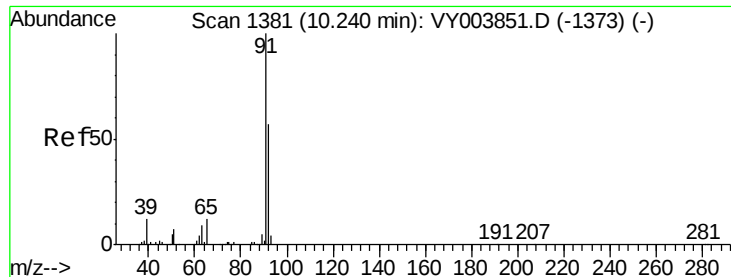


#40

4-Methyl-2-pentanone
 Concen: 52.202 ug/L
 RT: 10.07 min Scan# 1353
 Delta R.T. 0.00 min
 Lab File: VY003860.D
 Acq: 30 Dec 2020 11:14

Tgt Ion: 43 Resp: 273041
 Ion Ratio Lower Upper
 43 100
 58 36.2 29.6 44.4
 100 14.3 11.8 17.6





#42

Toluene

Concen: 28.205 ug/L

RT: 10.24 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VY003860.D

Acq: 30 Dec 2020 11:14

Instrument :

MSVOA_Y

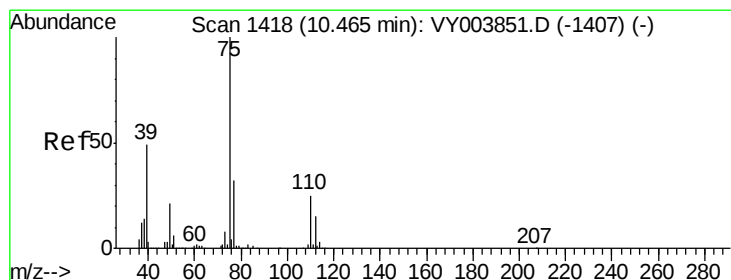
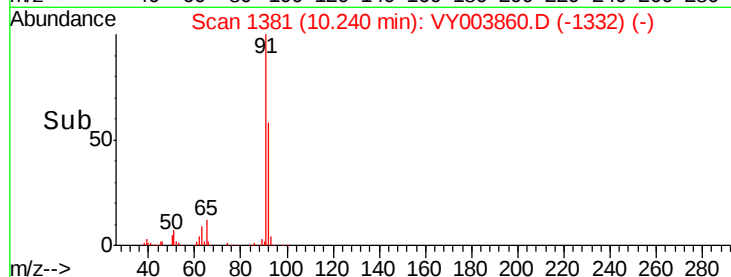
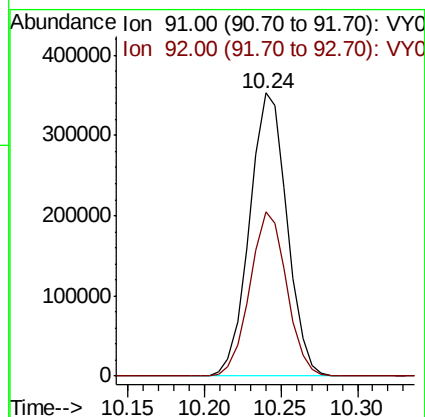
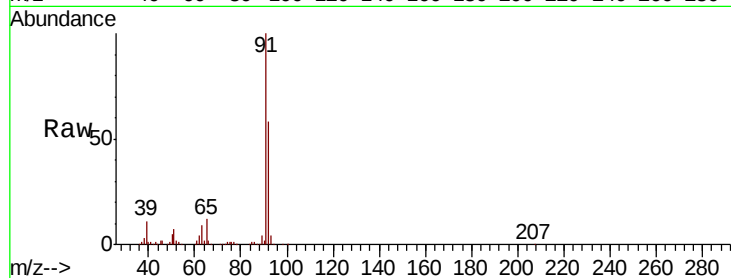
ClientSampleId :

Tot Ion: 91 Resp: 600445

Ion Ratio Lower Upper

91 100

92 58.1 39.9 74.1



#44

trans-1,3-Dichloropropene

Concen: 27.278 ug/L

RT: 10.47 min Scan# 1418

Delta R.T. 0.00 min

Lab File: VY003860.D

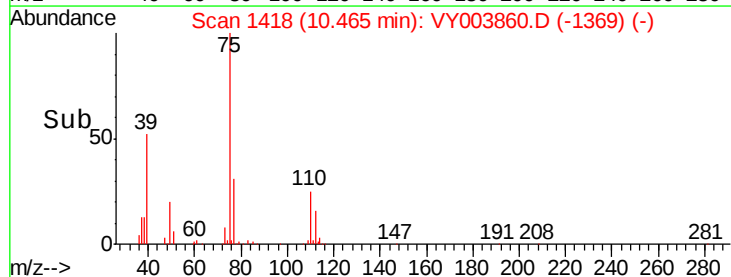
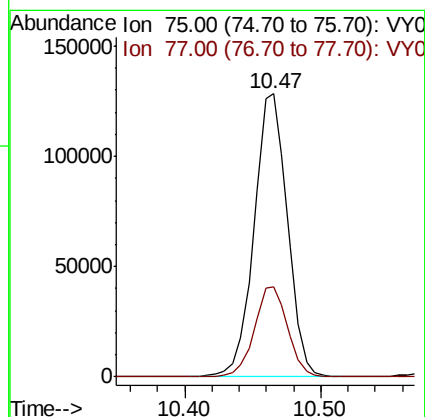
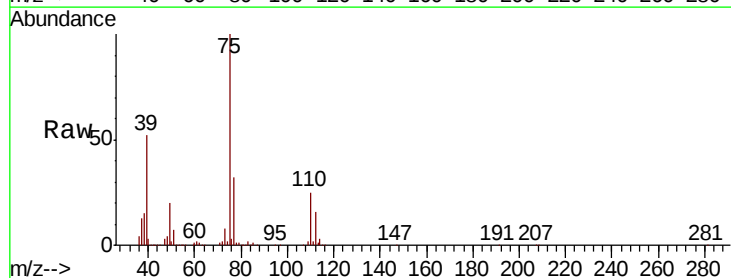
Acq: 30 Dec 2020 11:14

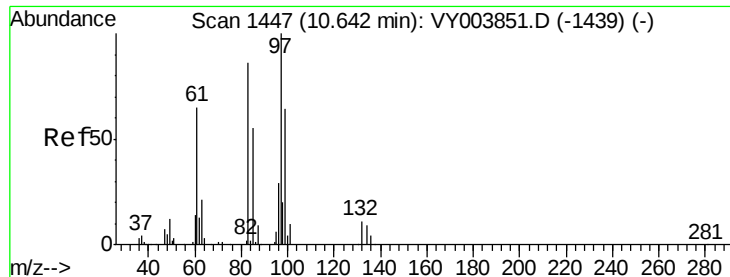
Tgt Ion: 75 Resp: 220400

Ion Ratio Lower Upper

75 100

77 31.6 21.9 40.7

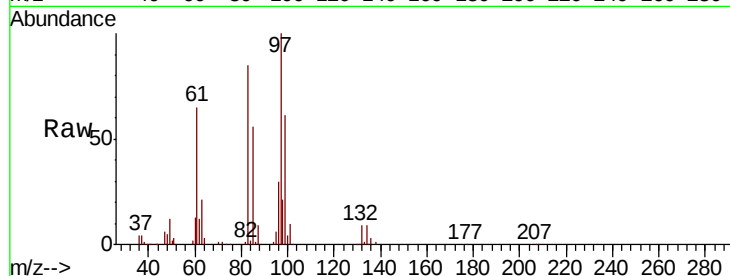




#45
1,1,2-Trichloroethane
Concen: 26.858 ug/L
RT: 10.64 min Scan# 1447
Delta R.T. 0.00 min
Lab File: VY003860.D
Acq: 30 Dec 2020 11:14

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion	Ratio	Lower	Upper
97	100		
99	61.3	46.0	85.4
83	84.5	60.8	112.8
85	55.7	38.4	71.2



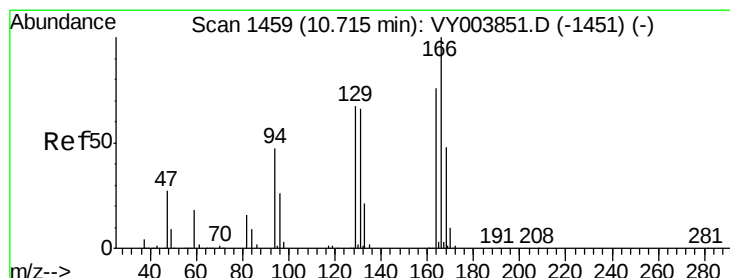
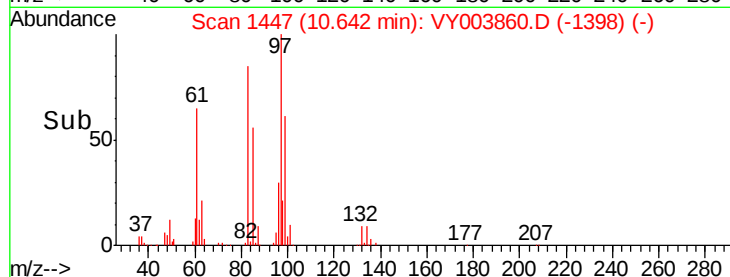
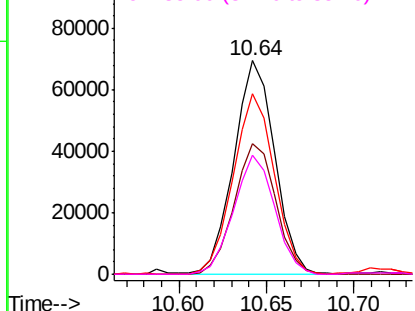
Abundance

Ion 97.00 (96.70 to 97.70): VY003851.D (-1439) (-)

Ion 99.00 (98.70 to 99.70): VY003851.D (-1439) (-)

Ion 83.00 (82.70 to 83.70): VY003851.D (-1439) (-)

Ion 85.00 (84.70 to 85.70): VY003851.D (-1439) (-)



#46
Tetrachloroethene
Concen: 27.504 ug/L
RT: 10.72 min Scan# 1459
Delta R.T. 0.00 min
Lab File: VY003860.D
Acq: 30 Dec 2020 11:14

Tgt Ion	Ratio	Lower	Upper
164	100		
129	87.2	62.5	116.1
131	84.8	60.7	112.7
166	121.9	87.2	162.0

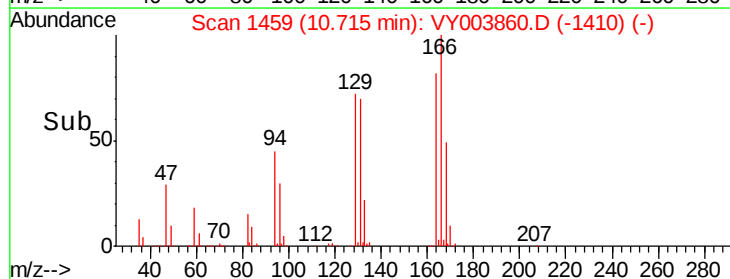
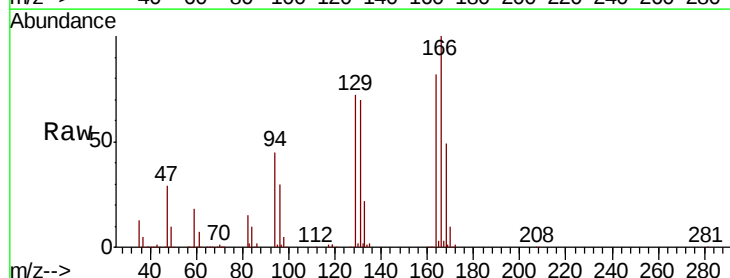
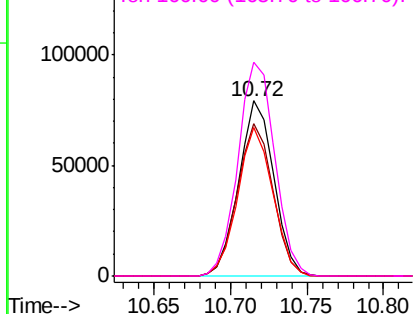
Abundance

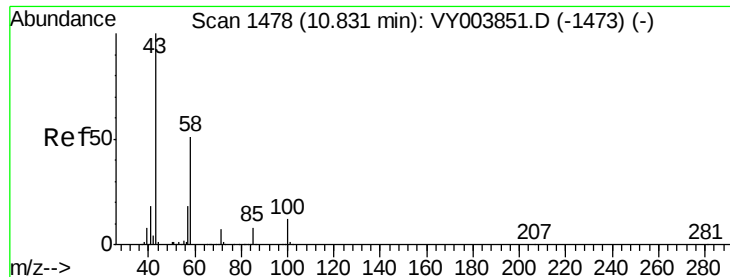
Ion 164.00 (163.70 to 164.70): VY003851.D (-1451) (-)

Ion 129.00 (128.70 to 129.70): VY003851.D (-1451) (-)

Ion 131.00 (130.70 to 131.70): VY003851.D (-1451) (-)

Ion 166.00 (165.70 to 166.70): VY003851.D (-1451) (-)

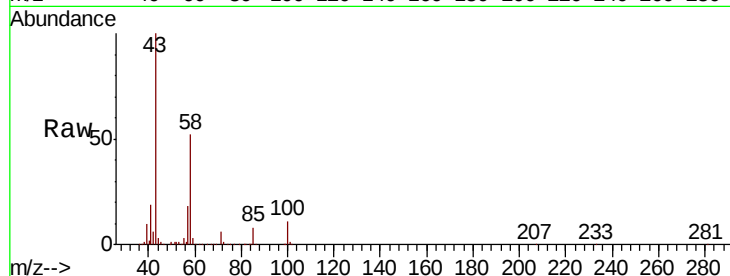




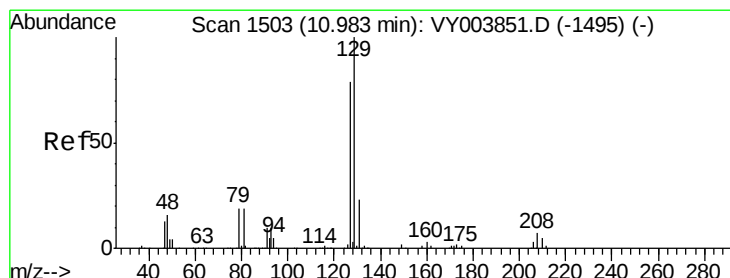
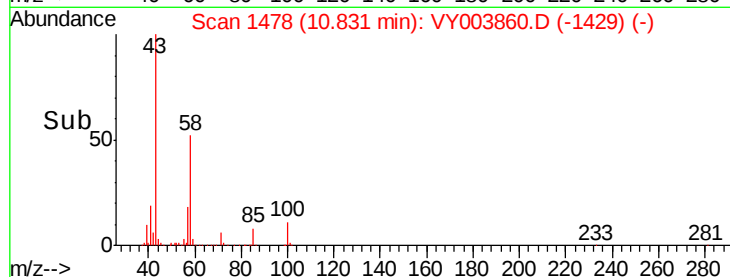
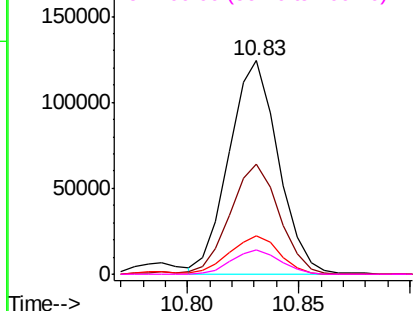
#48
2-Hexanone
Concen: 50.372 ug/L
RT: 10.83 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VY003860.D
Acq: 30 Dec 2020 11:14

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 191969
Ion Ratio Lower Upper
43 100
58 51.5 40.6 60.8
57 18.4 14.5 21.7
100 11.5 9.1 13.7

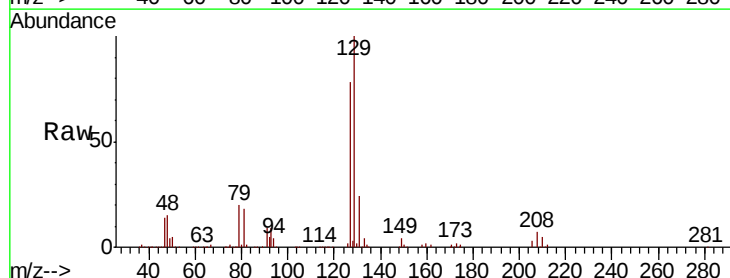


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0
Ion 57.00 (56.70 to 57.70): VY0
Ion 100.00 (99.70 to 100.70): VY0

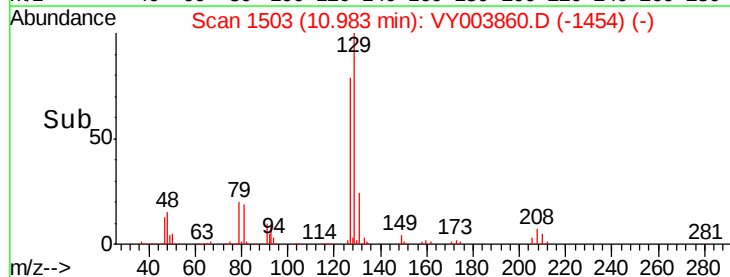
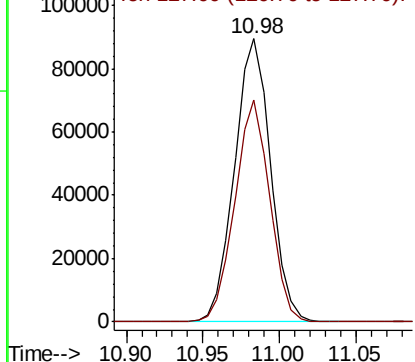


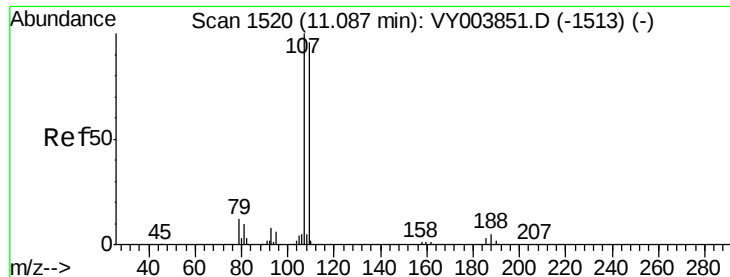
#49
Dibromochloromethane
Concen: 27.385 ug/L
RT: 10.98 min Scan# 1503
Delta R.T. 0.00 min
Lab File: VY003860.D
Acq: 30 Dec 2020 11:14

Tgt Ion: 129 Resp: 145897
Ion Ratio Lower Upper
129 100
127 78.2 52.7 97.9



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

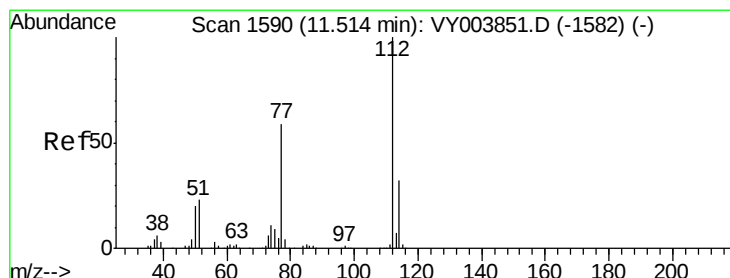
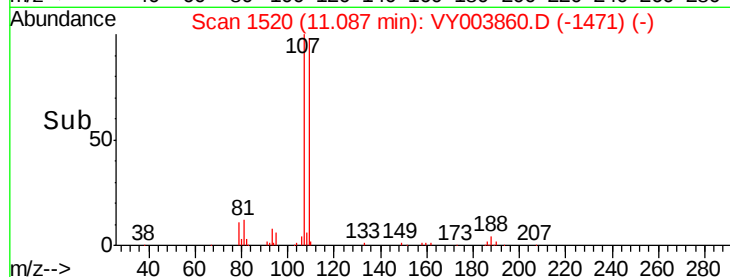
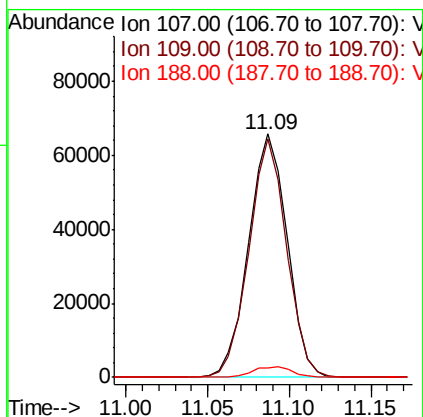
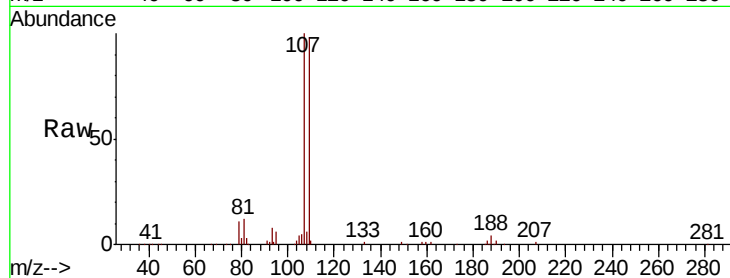




#50
 1,2-Dibromoethane
 Concen: 26.144 ug/L
 RT: 11.09 min Scan# 1520
 Delta R.T. 0.00 min
 Lab File: VY003860.D
 Acq: 30 Dec 2020 11:14

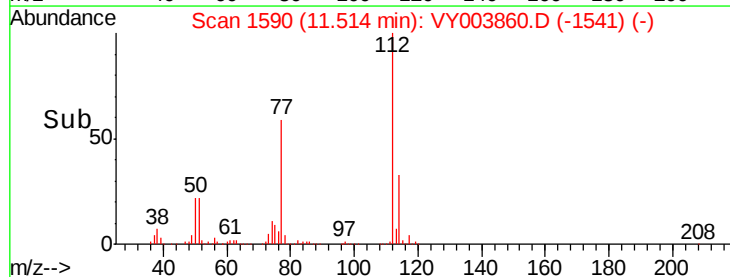
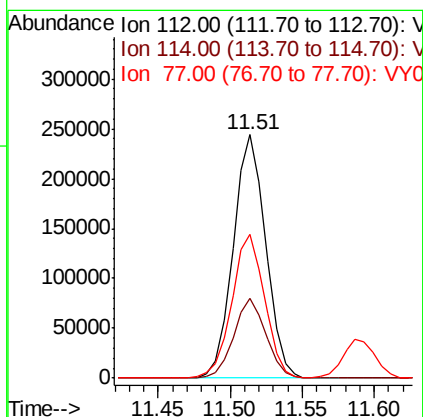
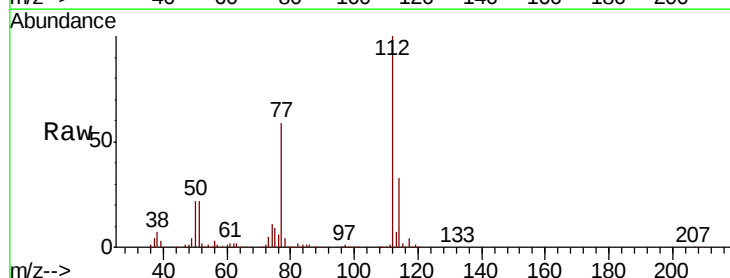
Instrument :
 MSVOA_Y
 ClientSampleId :

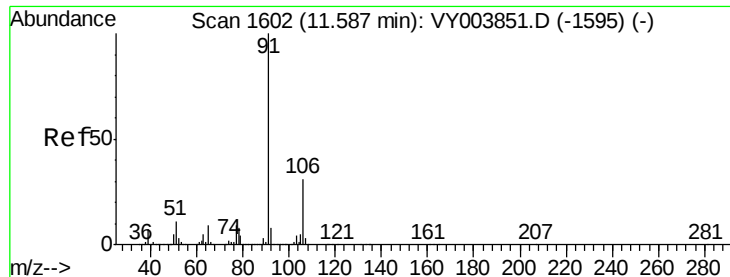
Tot Ion	Ratio	Lower	Upper
107	100		
109	98.0	65.5	121.7
188	4.3	3.6	5.4



#51
 Chlorobenzene
 Concen: 27.745 ug/L
 RT: 11.51 min Scan# 1590
 Delta R.T. 0.00 min
 Lab File: VY003860.D
 Acq: 30 Dec 2020 11:14

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.7	22.5	41.9
77	59.3	45.2	67.8





#52

Ethylbenzene

Concen: 28.324 ug/L

RT: 11.59 min Scan# 1602

Delta R.T. 0.00 min

Lab File: VY003860.D

Acq: 30 Dec 2020 11:14

Instrument :

MSVOA_Y

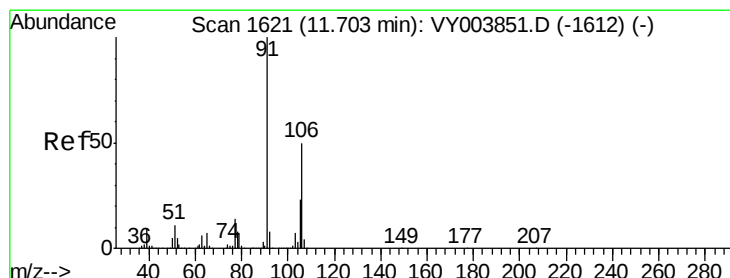
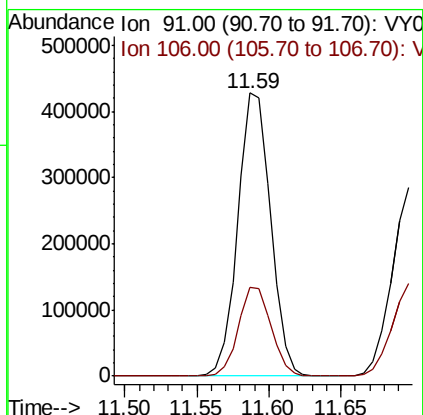
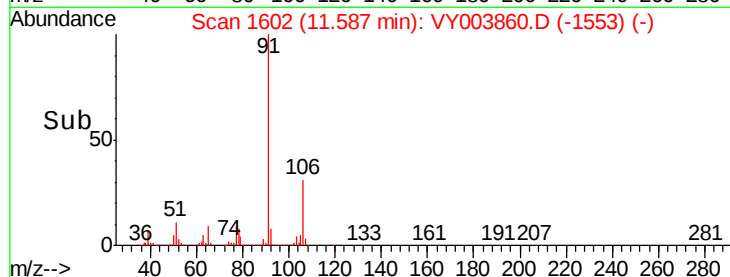
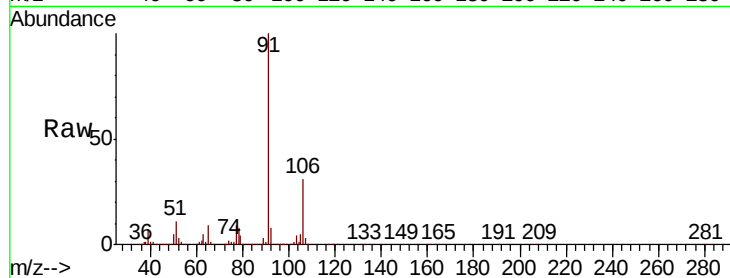
ClientSampled :

Tot Ion: 91 Resp: 675422

Ion Ratio Lower Upper

91 100

106 31.3 21.6 40.0



#53

m,p-Xylene

Concen: 28.903 ug/L

RT: 11.70 min Scan# 1621

Delta R.T. 0.00 min

Lab File: VY003860.D

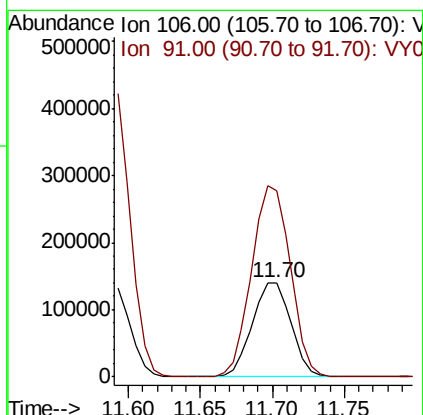
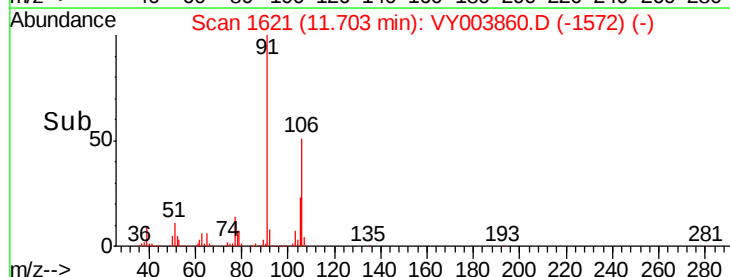
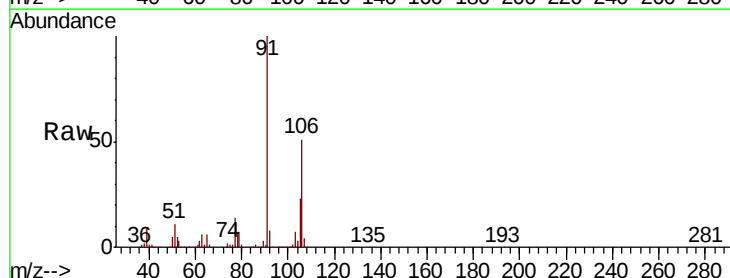
Acq: 30 Dec 2020 11:14

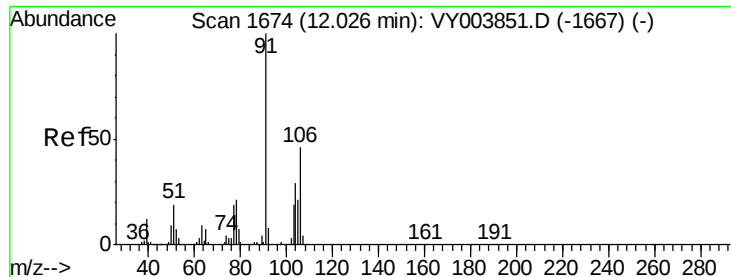
Tgt Ion: 106 Resp: 261376

Ion Ratio Lower Upper

106 100

91 198.0 146.3 271.7

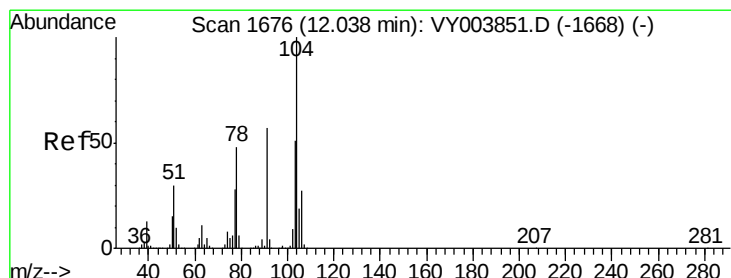
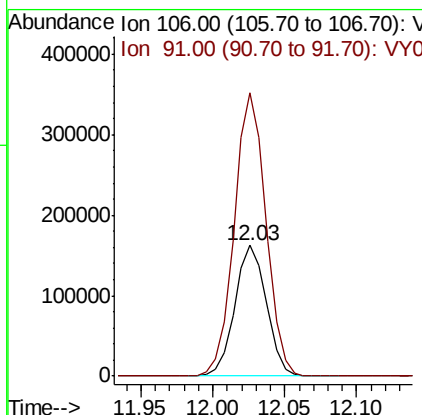
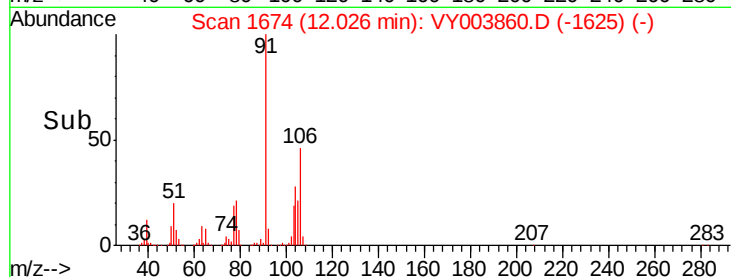
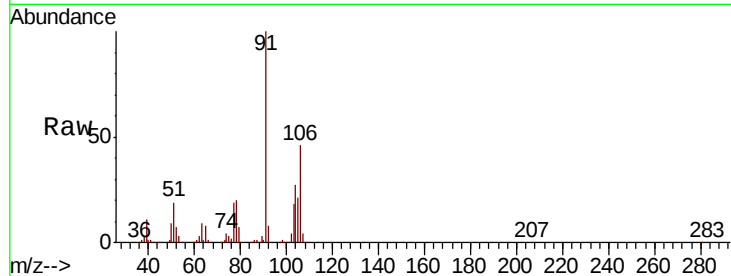




#54
o-Xylene
Concen: 28.179 ug/L
RT: 12.03 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VY003860.D
Acq: 30 Dec 2020 11:14

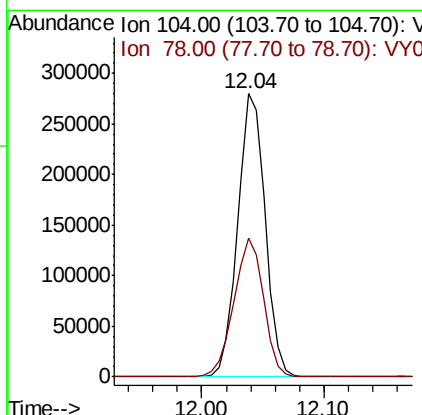
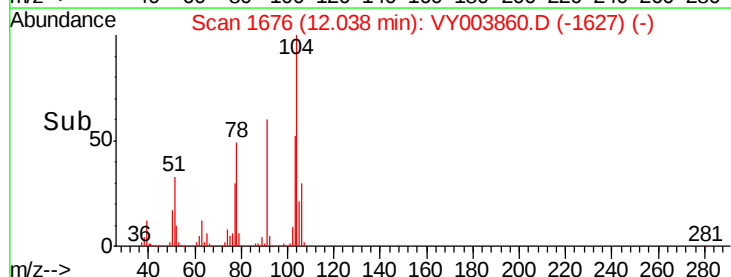
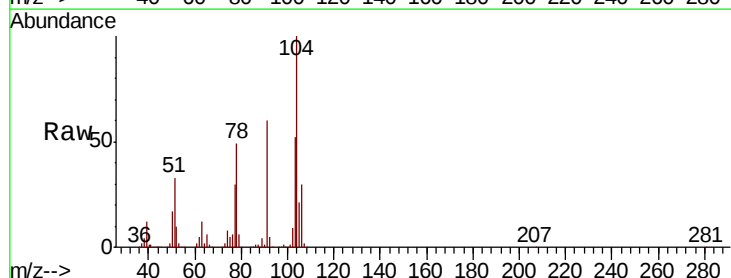
Instrument :
MSVOA_Y
ClientSampleId :

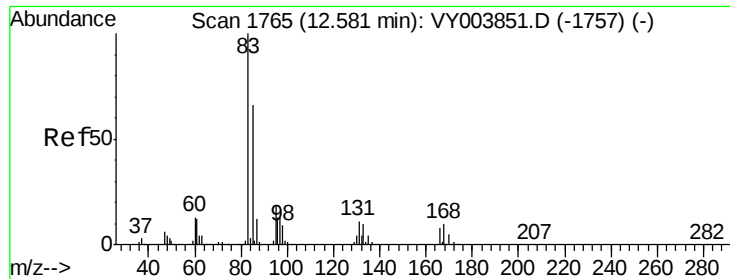
Tot Ion:106 Resp: 248132
Ion Ratio Lower Upper
106 100
91 216.2 147.7 274.3



#55
Styrene
Concen: 28.460 ug/L
RT: 12.04 min Scan# 1676
Delta R.T. 0.00 min
Lab File: VY003860.D
Acq: 30 Dec 2020 11:14

Tgt Ion:104 Resp: 433369
Ion Ratio Lower Upper
104 100
78 48.9 33.2 61.7

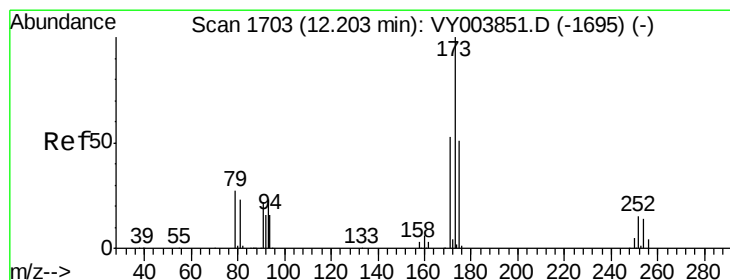
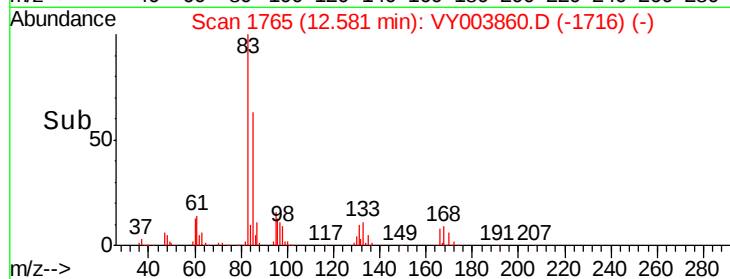
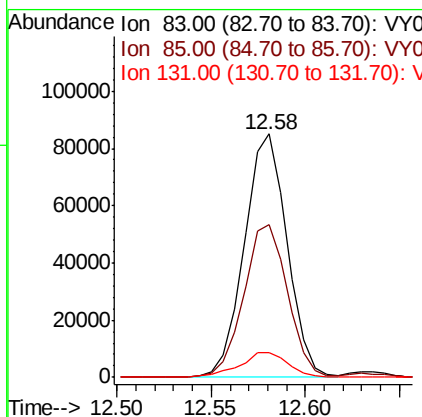
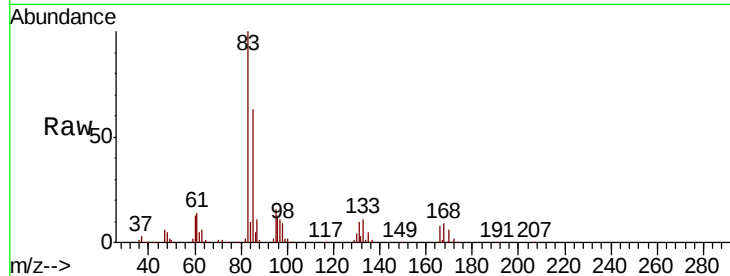




#57
 1,1,2,2-Tetrachloroethane
 Concen: 26.868 ug/L
 RT: 12.58 min Scan# 1765
 Delta R.T. 0.00 min
 Lab File: VY003860.D
 Acq: 30 Dec 2020 11:14

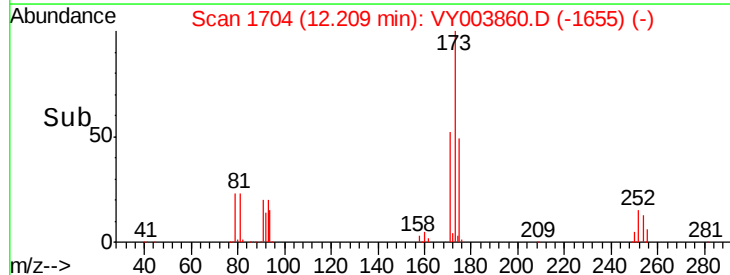
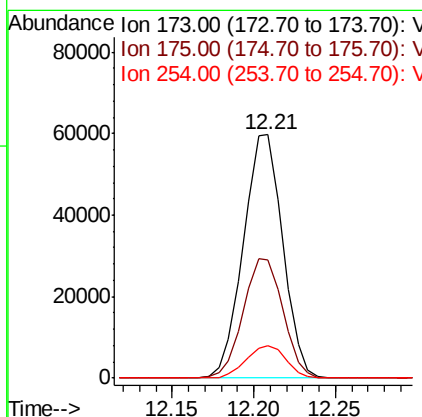
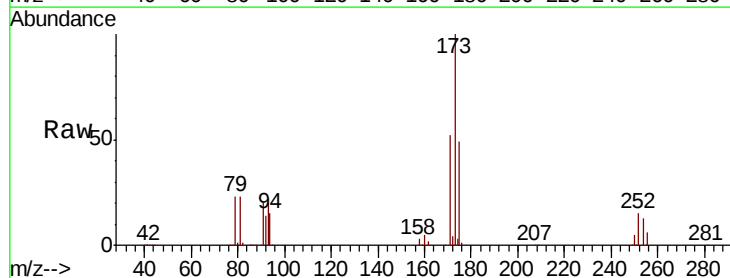
Instrument :
 MSVOA_Y
 ClientSampled :

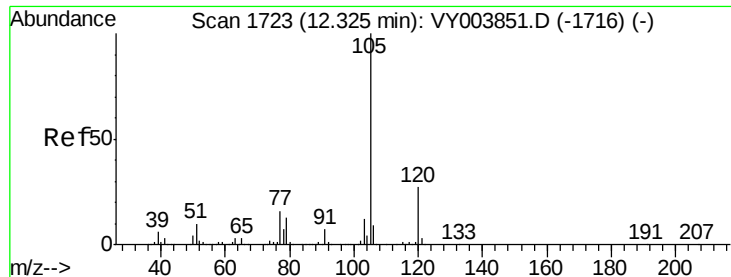
Tot Ion	83.00	Resp	133800
Ion Ratio	Lower	Upper	
83	100		
85	62.6	44.9	83.3
131	10.3	9.0	13.6



#59
 Bromoform
 Concen: 26.000 ug/L
 RT: 12.21 min Scan# 1704
 Delta R.T. 0.00 min
 Lab File: VY003860.D
 Acq: 30 Dec 2020 11:14

Tgt Ion	173.00	Resp	100712
Ion Ratio	Lower	Upper	
173	100		
175	49.5	38.9	58.3
254	13.6	11.5	17.3





#60

Isopropylbenzene

Concen: 28.935 ug/L

RT: 12.32 min Scan# 1723

Delta R.T. 0.00 min

Lab File: VY003860.D

Acq: 30 Dec 2020 11:14

Instrument :

MSVOA_Y

ClientSampled :

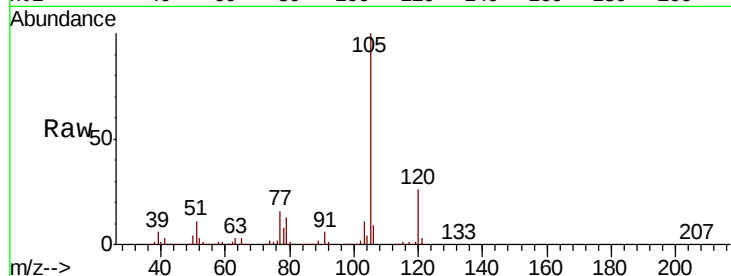
Tot Ion: 105 Resp: 686579

Ion Ratio Lower Upper

105 100

120 26.9 21.7 32.5

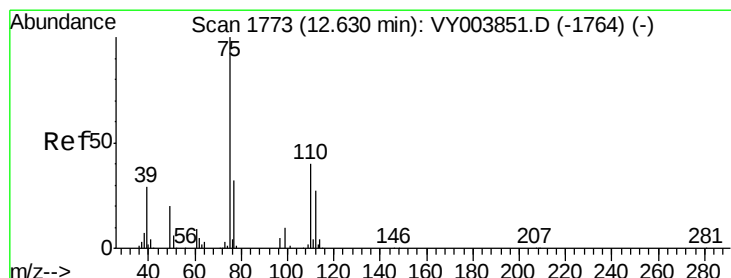
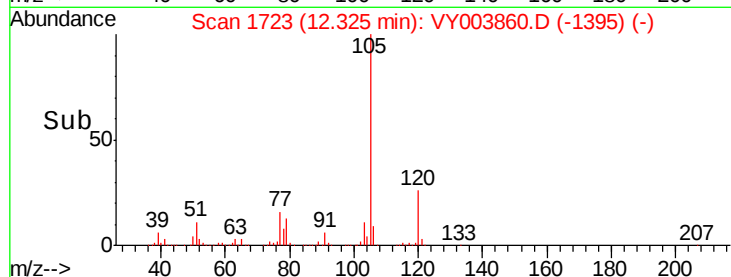
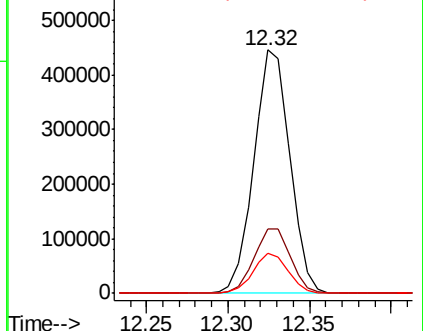
77 16.3 12.9 19.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): V



#61

1,2,3-Trichloropropane

Concen: 25.834 ug/L

RT: 12.63 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VY003860.D

Acq: 30 Dec 2020 11:14

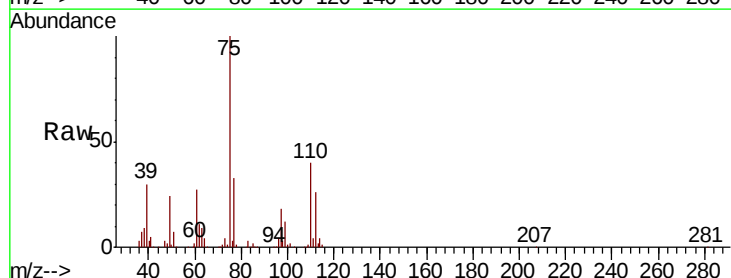
Tgt Ion: 75 Resp: 113872

Ion Ratio Lower Upper

75 100

77 32.4 26.2 39.4

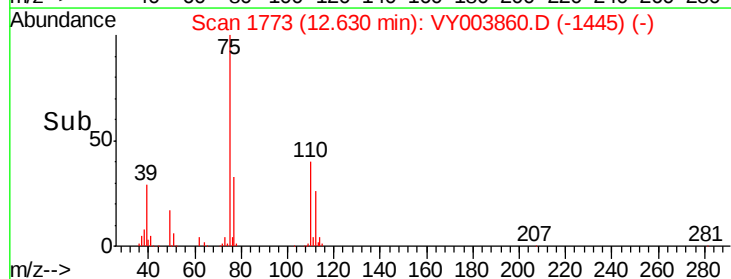
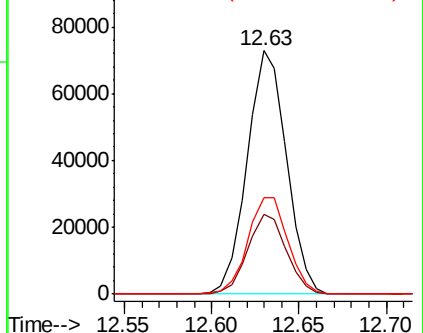
110 40.6 32.4 48.6

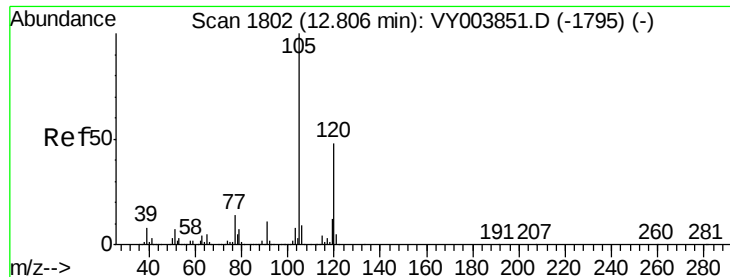


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 77.00 (76.70 to 77.70): V

Ion 110.00 (109.70 to 110.70): V





#62

1,3,5-Trimethylbenzene

Concen: 29.018 ug/L

RT: 12.81 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VY003860.D

Acq: 30 Dec 2020 11:14

Instrument :

MSVOA_Y

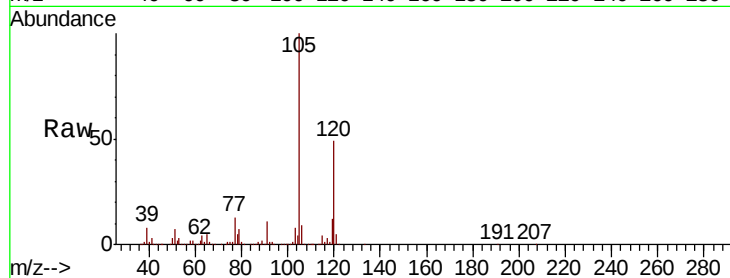
ClientSampleId :

Tot Ion:105 Resp: 571890

Ion Ratio Lower Upper

105 100

120 49.4 39.0 58.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.81

400000

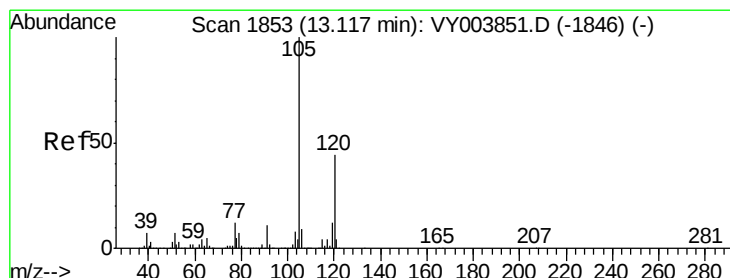
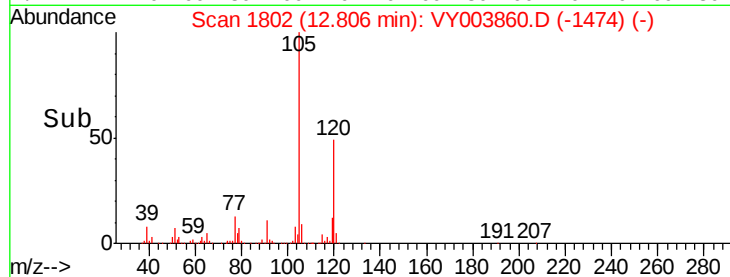
300000

200000

100000

0

Time-->



#63

1,2,4-Trimethylbenzene

Concen: 28.817 ug/L

RT: 13.12 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VY003860.D

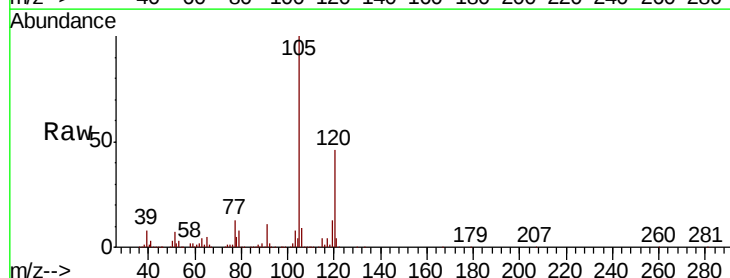
Acq: 30 Dec 2020 11:14

Tgt Ion:105 Resp: 575363

Ion Ratio Lower Upper

105 100

120 46.4 36.5 54.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

13.12

400000

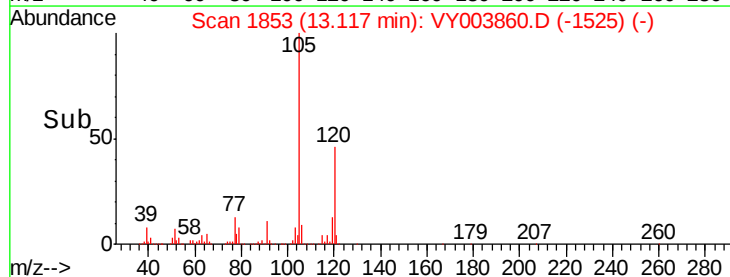
300000

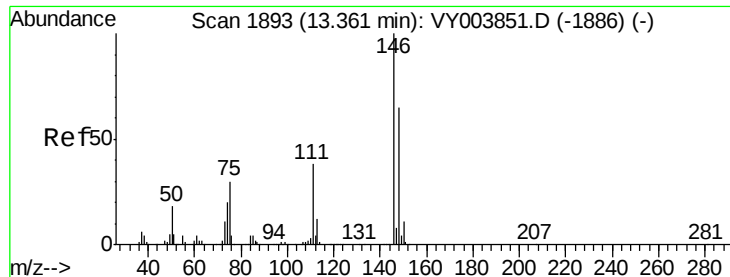
200000

100000

0

Time-->





#64

1,3-Dichlorobenzene

Concen: 28.317 ug/L

RT: 13.36 min Scan# 1893

Delta R.T. 0.00 min

Lab File: VY003860.D

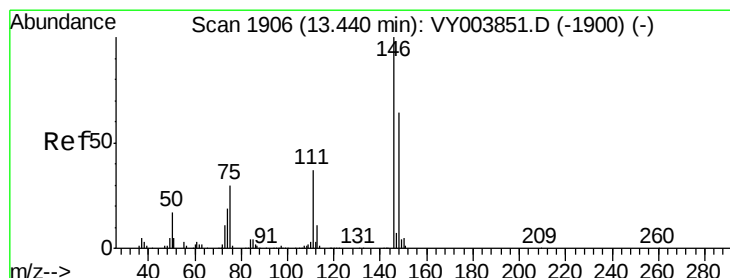
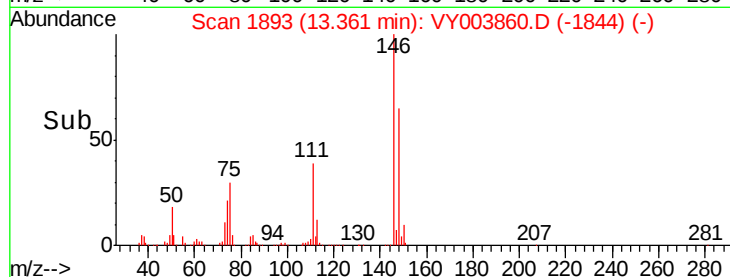
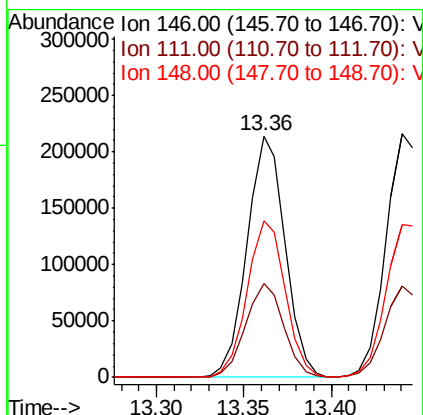
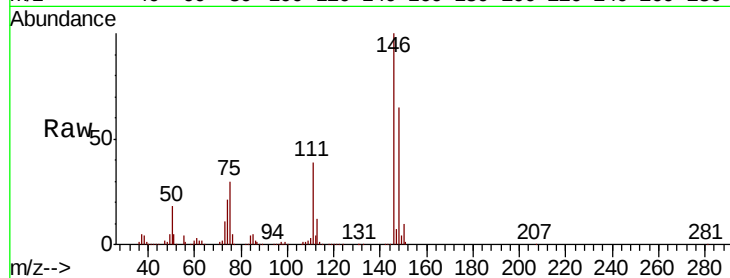
Acq: 30 Dec 2020 11:14

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion:146	Resp:	325475
Ion	Ratio	Lower Upper
146	100	
111	39.1	27.7 51.5
148	64.8	45.4 84.4



#65

1,4-Dichlorobenzene

Concen: 28.090 ug/L

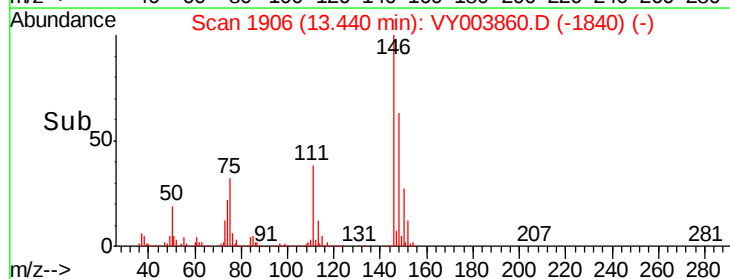
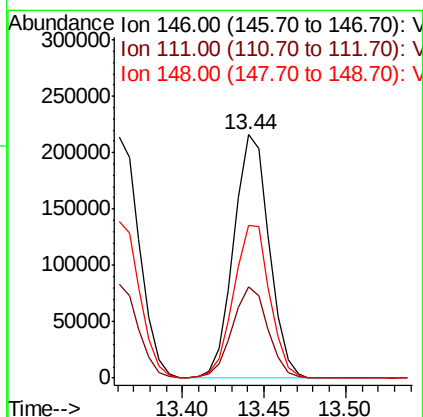
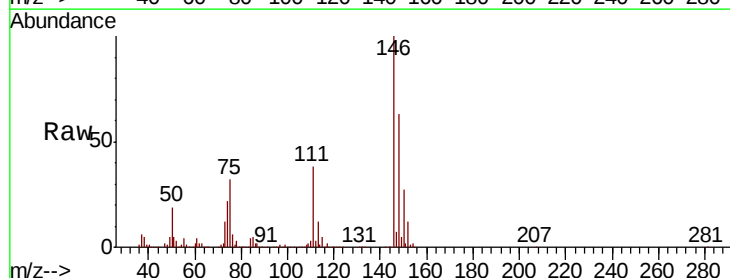
RT: 13.44 min Scan# 1906

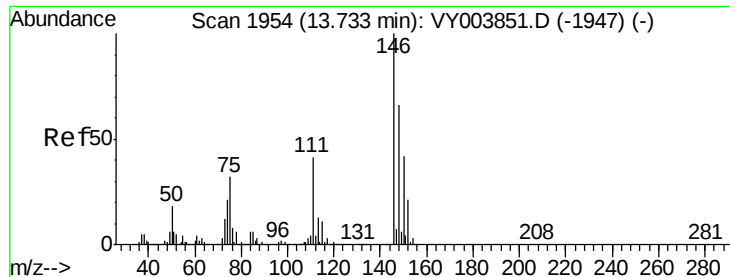
Delta R.T. 0.00 min

Lab File: VY003860.D

Acq: 30 Dec 2020 11:14

Tgt Ion:146	Resp:	326944
Ion	Ratio	Lower Upper
146	100	
111	37.6	25.7 47.7
148	62.9	44.4 82.4

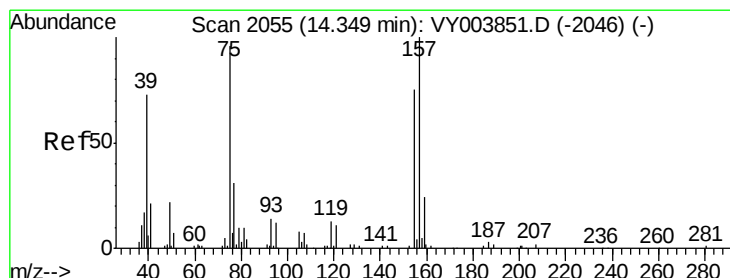
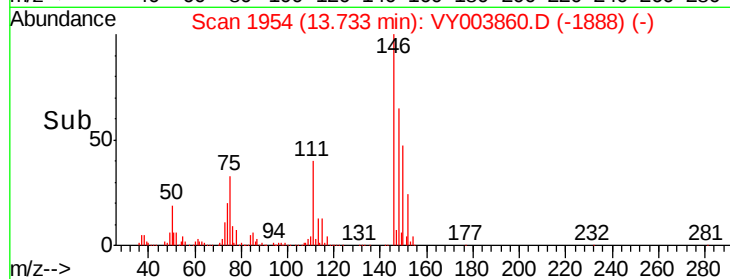
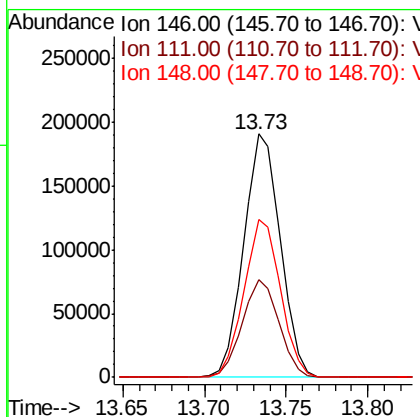
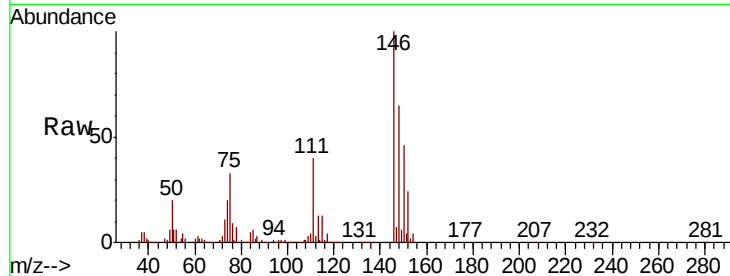




#67
 1,2-Dichlorobenzene
 Concen: 27.698 ug/L
 RT: 13.73 min Scan# 1954
 Delta R.T. 0.00 min
 Lab File: VY003860.D
 Acq: 30 Dec 2020 11:14

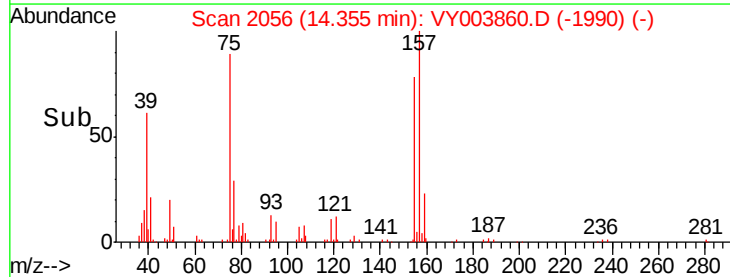
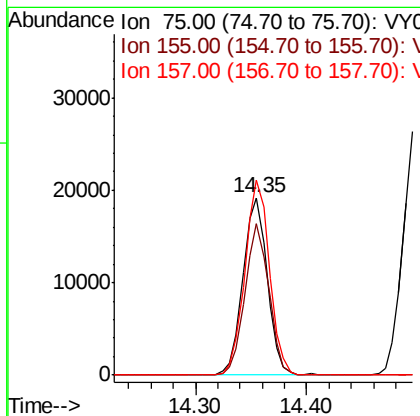
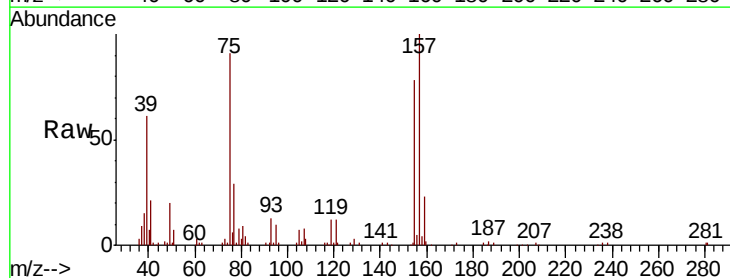
Instrument :
 MSVOA_Y
 ClientSampled :

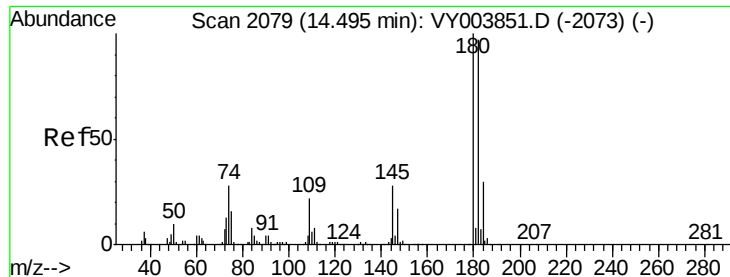
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	31.3	46.9
148	65.0	51.0	76.4



#68
 1,2-Dibromo-3-chloropropane
 Concen: 26.615 ug/L
 RT: 14.35 min Scan# 2056
 Delta R.T. 0.00 min
 Lab File: VY003860.D
 Acq: 30 Dec 2020 11:14

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.5	68.2	102.4
157	109.8	90.2	135.4

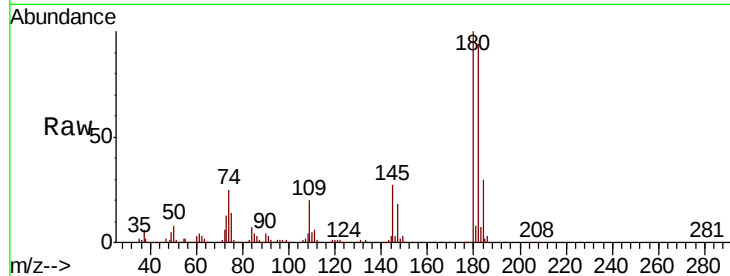




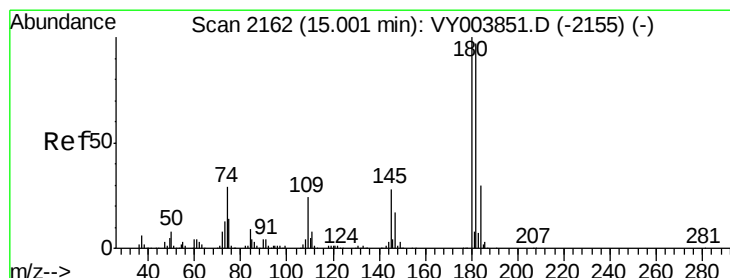
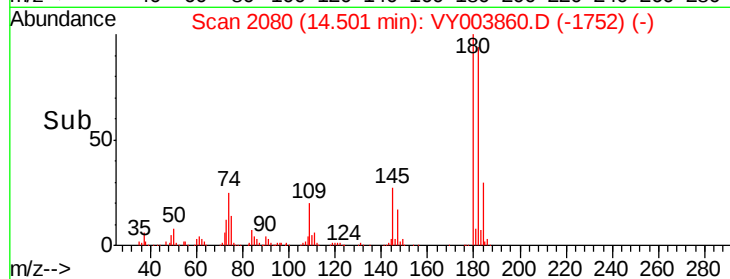
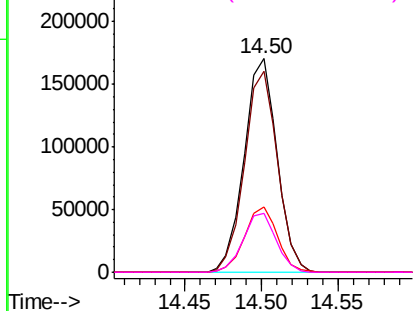
#69
 1,3,5-Trichlorobenzene
 Concen: 28.492 ug/L
 RT: 14.50 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VY003860.D
 Acq: 30 Dec 2020 11:14

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:180	Resp:	255301
Ion Ratio	Lower	Upper
180	100	
182	94.3	75.6 113.4
184	30.4	24.9 37.3
145	27.6	21.8 32.6

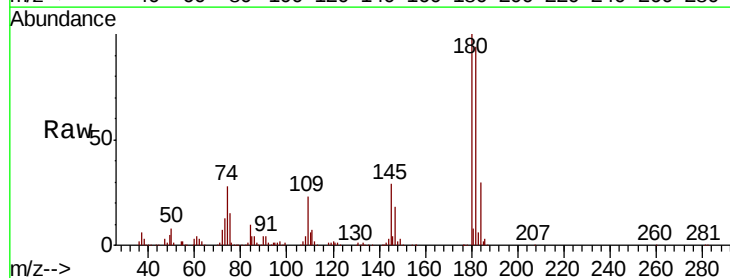


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

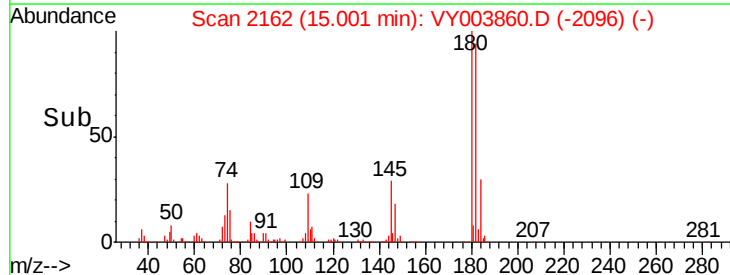
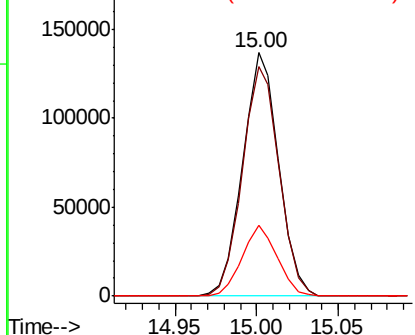


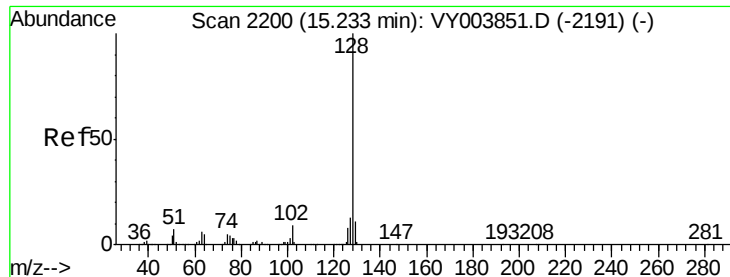
#70
 1,2,4-trichlorobenzene
 Concen: 27.651 ug/L
 RT: 15.00 min Scan# 2162
 Delta R.T. 0.00 min
 Lab File: VY003860.D
 Acq: 30 Dec 2020 11:14

Tgt Ion:180	Resp:	210075
Ion Ratio	Lower	Upper
180	100	
182	96.0	76.1 114.1
145	28.6	22.6 33.8



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

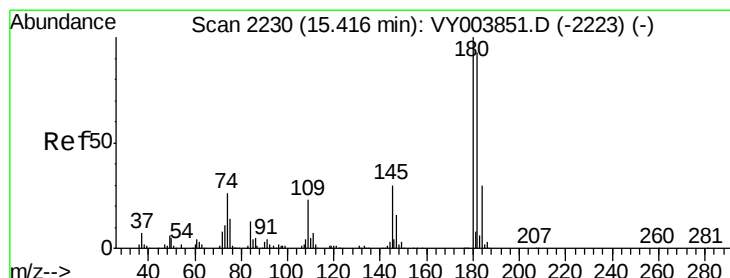
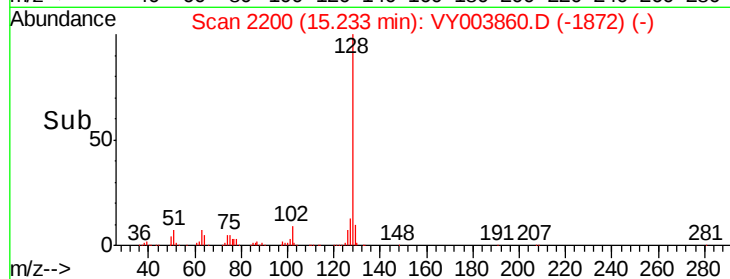
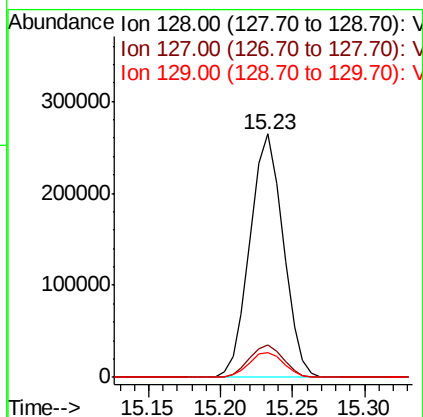
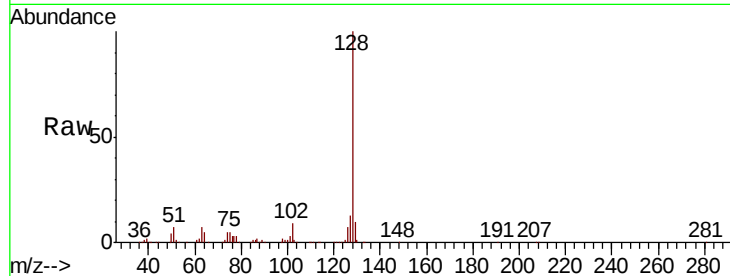




#71
Naphthalene
Concen: 26.768 ug/L
RT: 15.23 min Scan# 2200
Delta R.T. 0.00 min
Lab File: VY003860.D
Acq: 30 Dec 2020 11:14

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:128 Resp: 424550
Ion Ratio Lower Upper
128 100
127 13.6 10.7 16.1
129 10.7 8.9 13.3



#72
1,2,3-Trichlorobenzene
Concen: 27.653 ug/L
RT: 15.42 min Scan# 2231
Delta R.T. 0.00 min
Lab File: VY003860.D
Acq: 30 Dec 2020 11:14

Tgt Ion:180 Resp: 185575
Ion Ratio Lower Upper
180 100
182 95.8 74.6 111.8
145 29.5 23.3 34.9

