

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050420\
 Data File : VY002553.D
 Acq On : 04 May 2020 20:07
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 05 07:11:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 12:22:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	393162	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	601510	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	548707	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	280473	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	168869	51.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.16%	
35) Dibromofluoromethane	7.74	113	175545	51.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.06%	
50) Toluene-d8	10.19	98	668118	49.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.46%	
62) 4-Bromofluorobenzene	12.49	95	230437	50.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	159100	49.010	ug/l	96
3) Chloromethane	2.12	50	168600	52.930	ug/l	99
4) Vinyl Chloride	2.26	62	193794	52.689	ug/l	99
5) Bromomethane	2.66	94	135753	53.520	ug/l	100
6) Chloroethane	2.80	64	115334	52.516	ug/l	99
7) Trichlorofluoromethane	3.14	101	295032	51.756	ug/l	99
8) Diethyl Ether	3.55	74	108157	56.460	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.91	101	179900	51.636	ug/l	99
10) Methyl Iodide	4.11	142	268111	56.486	ug/l	99
11) Tert butyl alcohol	4.99	59	89847	264.172	ug/l	100
12) 1,1-Dichloroethene	3.89	96	178652	52.785	ug/l	99
13) Acrolein	3.76	56	59956	254.931	ug/l	97
14) Allyl chloride	4.51	41	271490	55.054	ug/l	100
15) Acrylonitrile	5.19	53	254765	282.013	ug/l	99
16) Acetone	3.97	43	189524	277.796	ug/l	97
17) Carbon Disulfide	4.21	76	556618	54.667	ug/l	100
18) Methyl Acetate	4.51	43	126442	55.468	ug/l	99
19) Methyl tert-butyl Ether	5.25	73	495961	56.166	ug/l	96
20) Methylene Chloride	4.74	84	211505	55.438	ug/l	100
21) trans-1,2-Dichloroethene	5.25	96	201817	54.556	ug/l	94
22) Diisopropyl ether	6.14	45	555500	55.673	ug/l	97
23) Vinyl Acetate	6.08	43	1777823	283.315	ug/l	99
24) 1,1-Dichloroethane	6.04	63	322676	54.664	ug/l	99
25) 2-Butanone	7.00	43	318270	284.988	ug/l	97
26) 2,2-Dichloropropane	7.00	77	270282	48.171	ug/l	99
27) cis-1,2-Dichloroethene	7.01	96	224628	54.879	ug/l	99
28) Bromochloromethane	7.36	49	134812	55.741	ug/l	98
29) Tetrahydrofuran	7.36	42	212835	288.049	ug/l	99
30) Chloroform	7.53	83	333010	54.257	ug/l	98
31) Cyclohexane	7.80	56	296048	49.825	ug/l	99
32) 1,1,1-Trichloroethane	7.72	97	299230	52.452	ug/l	100
36) 1,1-Dichloropropene	7.94	75	258699	51.303	ug/l	100
37) Ethyl Acetate	7.10	43	139551	53.855	ug/l	99
38) Carbon Tetrachloride	7.92	117	279672	50.801	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	333671	50.099	ug/l	99
40) Benzene	8.18	78	771786	52.993	ug/l	99
41) Methacrylonitrile	7.36	41	194019	139.259	ug/l #	1
42) 1,2-Dichloroethane	8.25	62	217273	53.186	ug/l	99
43) Isopropyl Acetate	8.29	43	269954	55.571	ug/l	99
44) Trichloroethene	8.95	130	242872	53.362	ug/l	96
45) 1,2-Dichloropropane	9.23	63	188747	53.699	ug/l	99
46) Dibromomethane	9.32	93	110373	54.577	ug/l	99
47) Bromodichloromethane	9.51	83	264099	53.707	ug/l	99
48) Methyl methacrylate	9.30	41	122814	55.863	ug/l	98
49) 1,4-Dioxane	9.31	88	31007	1157.993	ug/l	99
51) 4-Methyl-2-Pentanone	10.08	43	702789	280.677	ug/l	99
52) Toluene	10.25	92	497347	53.136	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	277396	53.840	ug/l	100
54) cis-1,3-Dichloropropene	9.94	75	315908	53.038	ug/l	100
55) 1,1,2-Trichloroethane	10.66	97	157883	53.535	ug/l	99
56) Ethyl methacrylate	10.52	69	221186	56.378	ug/l	98
57) 1,3-Dichloropropane	10.80	76	270731	54.132	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	558568	269.976	ug/l	99
59) 2-Hexanone	10.84	43	488576	283.502	ug/l	100
60) Dibromochloromethane	10.99	129	203862	54.350	ug/l	99
61) 1,2-Dibromoethane	11.10	107	160286	54.890	ug/l	99
64) Tetrachloroethene	10.73	164	264240	54.200	ug/l	99
65) Chlorobenzene	11.52	112	545396	52.287	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.60	131	206989	53.458	ug/l	99
67) Ethyl Benzene	11.60	91	946974	51.683	ug/l	100
68) m/p-Xylenes	11.71	106	726906	102.534	ug/l	99
69) o-Xylene	12.03	106	348939	52.567	ug/l	98
70) Styrene	12.05	104	604749	53.292	ug/l	99
71) Bromoform	12.22	173	131530	54.731	ug/l	100
73) Isopropylbenzene	12.34	105	923707	50.816	ug/l	100
74) N-amyl acetate	12.15	43	243206	55.620	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	149667	51.773	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	238007	95.490	ug/l #	100
77) Bromobenzene	12.61	156	238551	52.528	ug/l	99
78) n-propylbenzene	12.67	91	1063079	50.396	ug/l	100
79) 2-Chlorotoluene	12.77	91	602526	51.565	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	771949	51.232	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	64610	51.979	ug/l	99
82) 4-Chlorotoluene	12.86	91	630468	51.366	ug/l	99
83) tert-Butylbenzene	13.08	119	671644	50.837	ug/l	100
84) 1,2,4-Trimethylbenzene	13.13	105	767678	51.122	ug/l	100
85) sec-Butylbenzene	13.26	105	911504	49.720	ug/l	100
86) p-Isopropyltoluene	13.38	119	857863	49.941	ug/l	100
87) 1,3-Dichlorobenzene	13.38	146	437939	50.950	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	438715	51.546	ug/l	100
89) n-Butylbenzene	13.70	91	768363	49.135	ug/l	100
90) Hexachloroethane	13.97	117	161186	51.526	ug/l	98
91) 1,2-Dichlorobenzene	13.75	146	398802	51.997	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	29428	54.610	ug/l	99

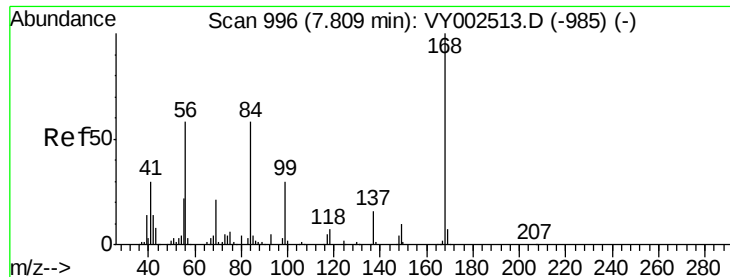
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	277991	49.924	ug/l	100
94) Hexachlorobutadiene	15.12	225	163965	49.056	ug/l	99
95) Naphthalene	15.25	128	556379	54.773	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	242158	51.228	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.00 min

Lab File: VY002553.D

Acq: 04 May 2020 20:07

Instrument :

MSVOA_Y

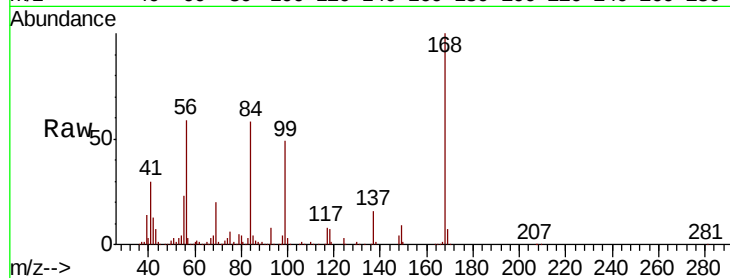
ClientSampled :

Tot Ion:168 Resp: 393162

Ion Ratio Lower Upper

168 100

99 48.8 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002553.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY002553.D (-947) (-)

7.81

200000

150000

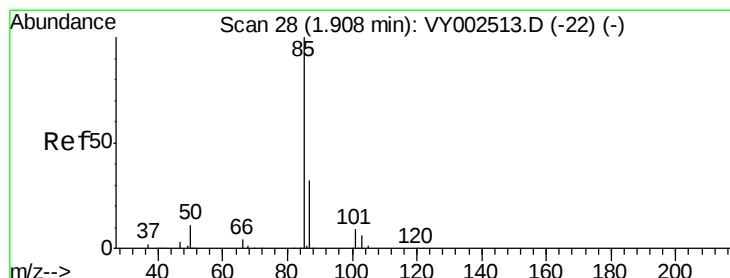
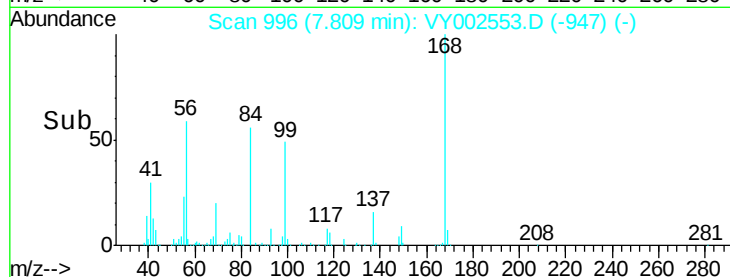
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 49.010 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.00 min

Lab File: VY002553.D

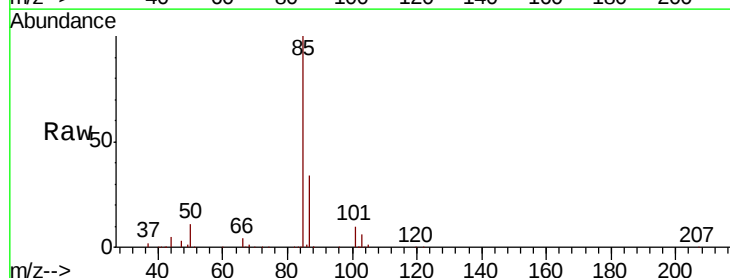
Acq: 04 May 2020 20:07

Tgt Ion: 85 Resp: 159100

Ion Ratio Lower Upper

85 100

87 33.7 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VY002553.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY002553.D (-1) (-)

1.91

120000

100000

80000

60000

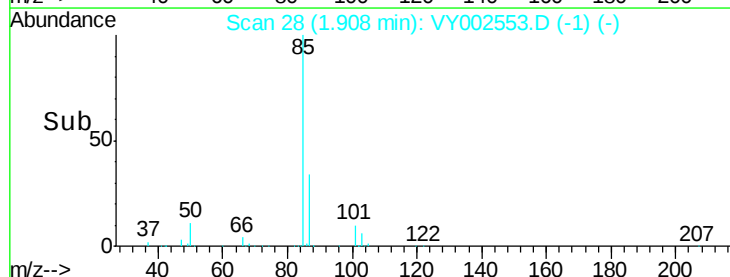
40000

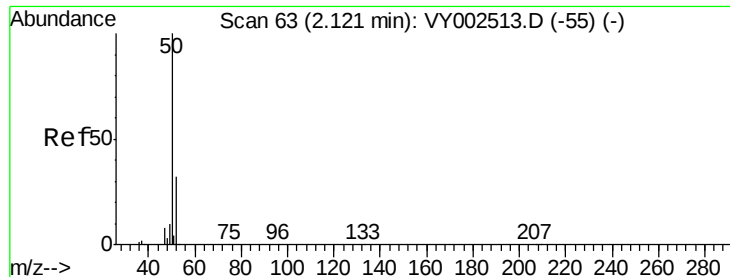
20000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 52.930 ug/l

RT: 2.12 min Scan# 63

Delta R.T. -0.00 min

Lab File: VY002553.D

Acq: 04 May 2020 20:07

Instrument :

MSVOA_Y

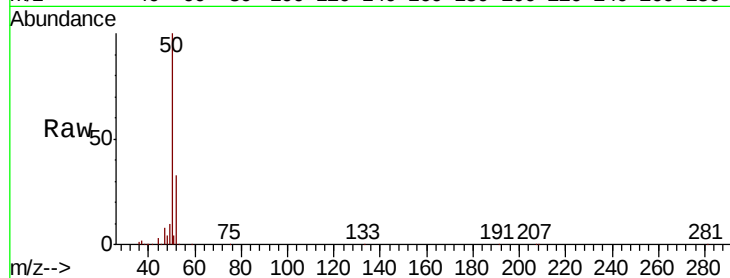
ClientSampleId :

Tot Ion: 50 Resp: 168600

Ion Ratio Lower Upper

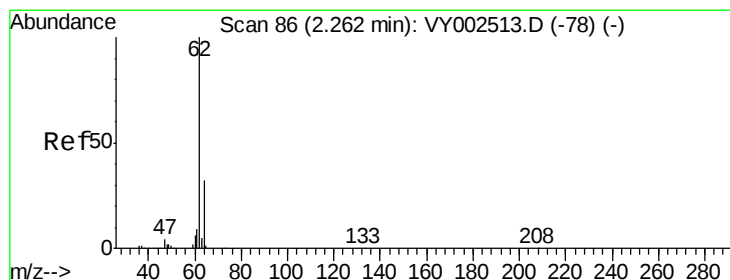
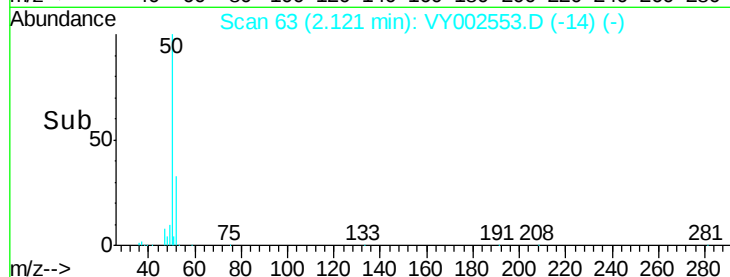
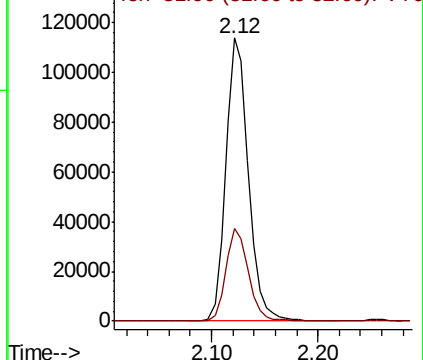
50 100

52 32.8 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 52.689 ug/l

RT: 2.26 min Scan# 86

Delta R.T. -0.00 min

Lab File: VY002553.D

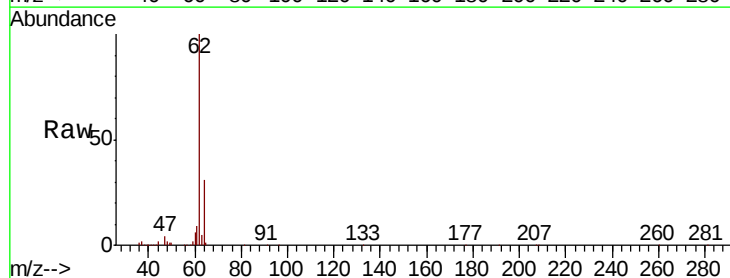
Acq: 04 May 2020 20:07

Tgt Ion: 62 Resp: 193794

Ion Ratio Lower Upper

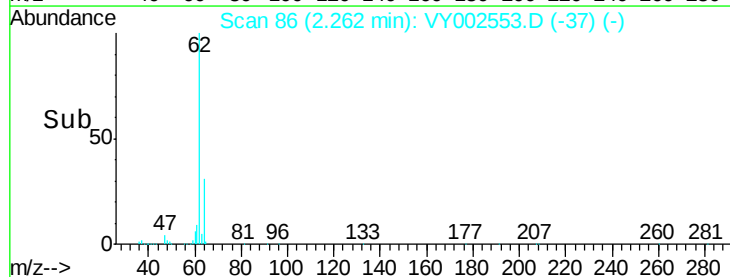
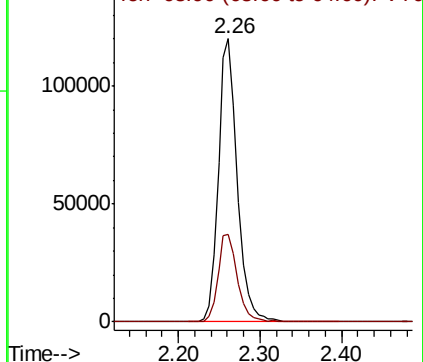
62 100

64 31.0 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 53.520 ug/l

RT: 2.66 min Scan# 151

Delta R.T. -0.00 min

Lab File: VY002553.D

Acq: 04 May 2020 20:07

Instrument :

MSVOA_Y

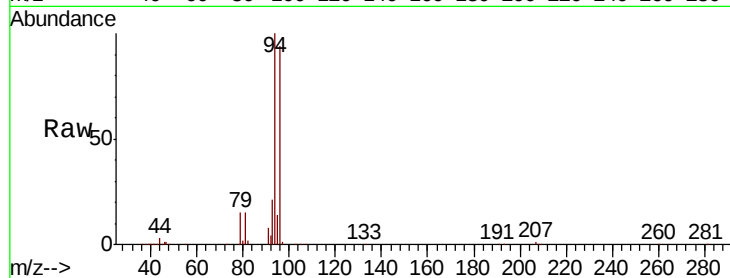
ClientSampleId :

Tot Ion: 94 Resp: 135753

Ion Ratio Lower Upper

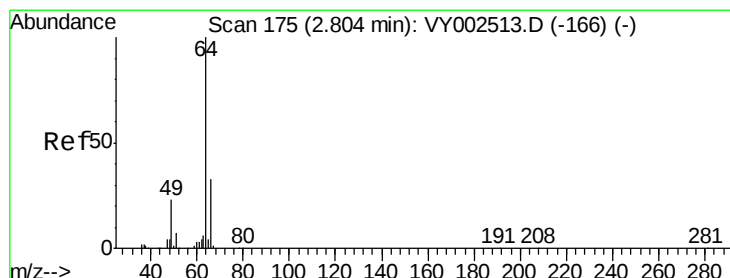
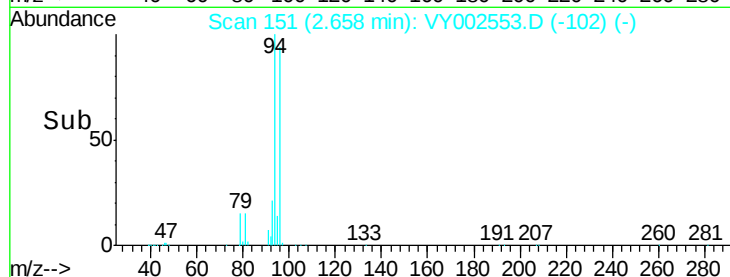
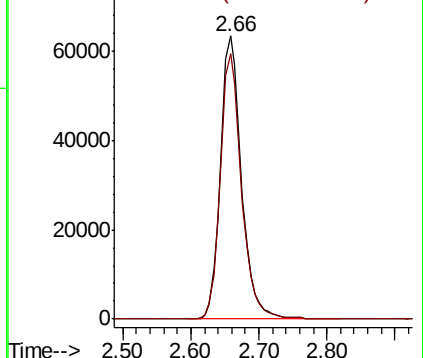
94 100

96 93.9 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 52.516 ug/l

RT: 2.80 min Scan# 175

Delta R.T. -0.00 min

Lab File: VY002553.D

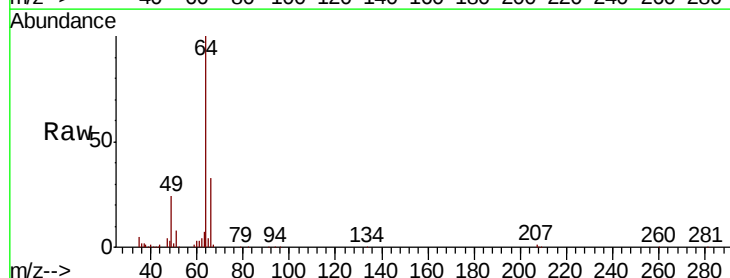
Acq: 04 May 2020 20:07

Tgt Ion: 64 Resp: 115334

Ion Ratio Lower Upper

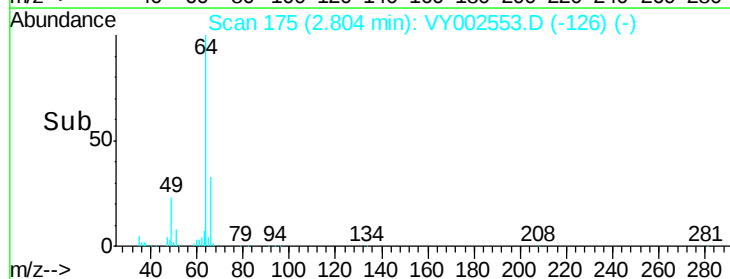
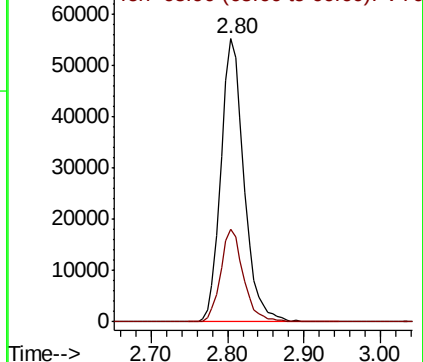
64 100

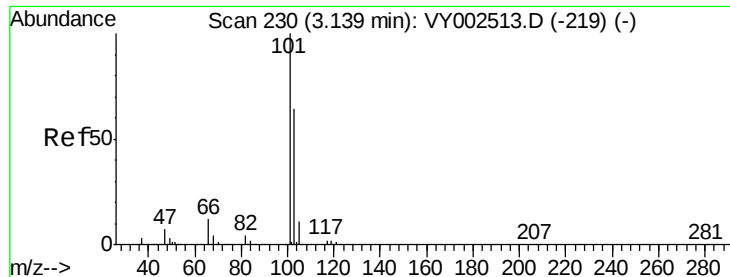
66 32.5 26.3 39.5



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



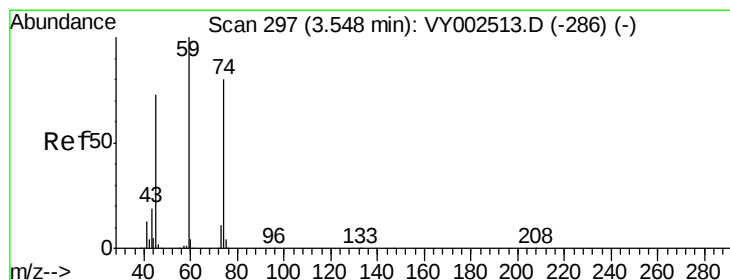
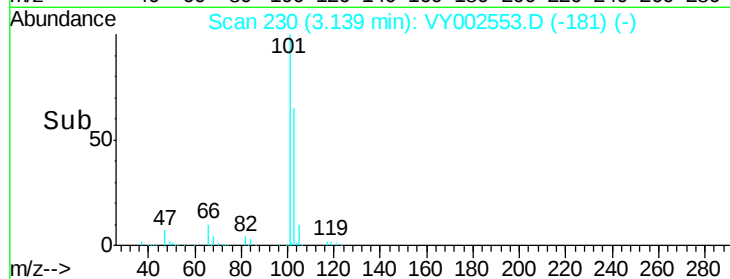
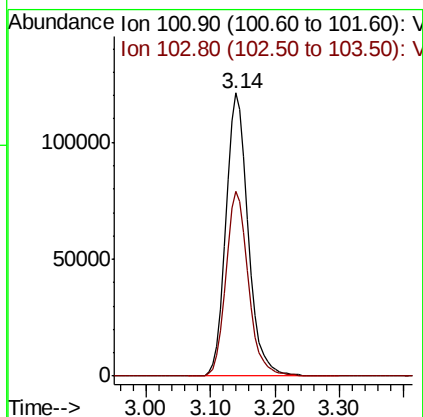
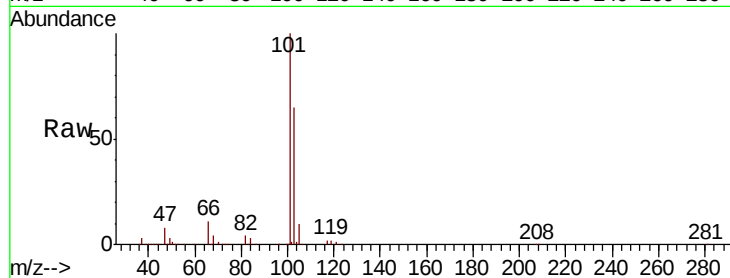


#7

Trichlorofluoromethane
 Concen: 51.756 ug/l
 RT: 3.14 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VY002553.D
 Acq: 04 May 2020 20:07

Instrument :
 MSVOA_Y
 ClientSampleId :

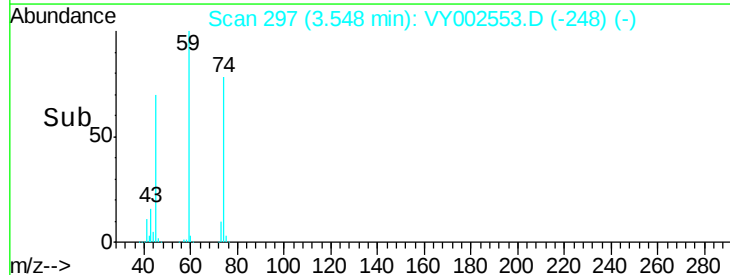
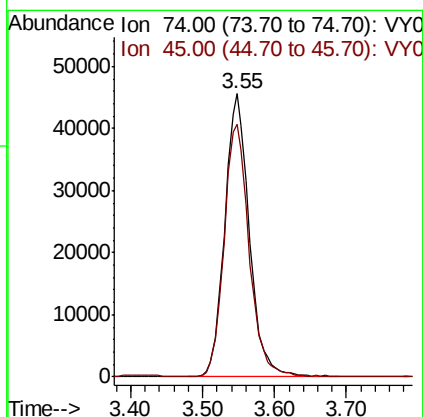
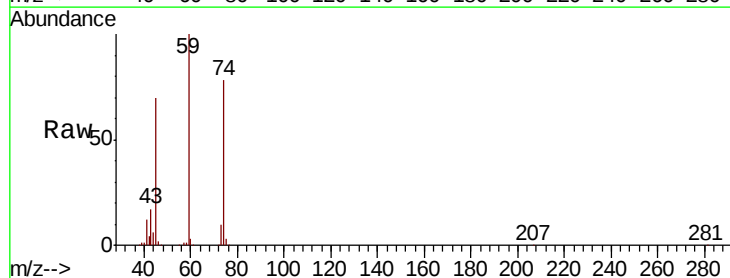
Tot Ion:101 Resp: 295032
 Ion Ratio Lower Upper
 101 100
 103 65.2 51.4 77.0

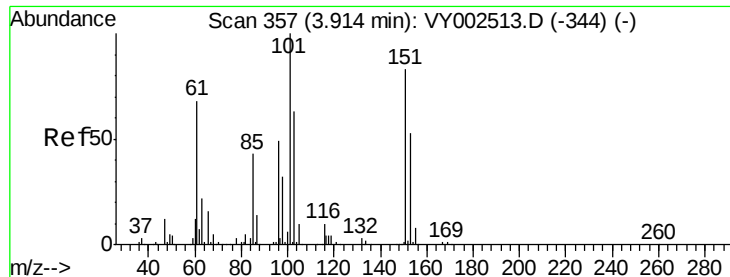


#8

Diethyl Ether
 Concen: 56.460 ug/l
 RT: 3.55 min Scan# 297
 Delta R.T. -0.00 min
 Lab File: VY002553.D
 Acq: 04 May 2020 20:07

Tgt Ion: 74 Resp: 108157
 Ion Ratio Lower Upper
 74 100
 45 91.5 46.2 138.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.636 ug/l

RT: 3.91 min Scan# 357

Delta R.T. -0.00 min

Lab File: VY002553.D

Acq: 04 May 2020 20:07

Instrument :

MSVOA_Y

ClientSampleId :

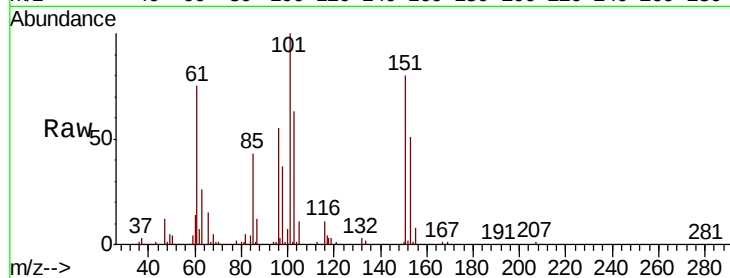
Tot Ion:101 Resp: 179900

Ion Ratio Lower Upper

101 100

85 42.2 33.4 50.2

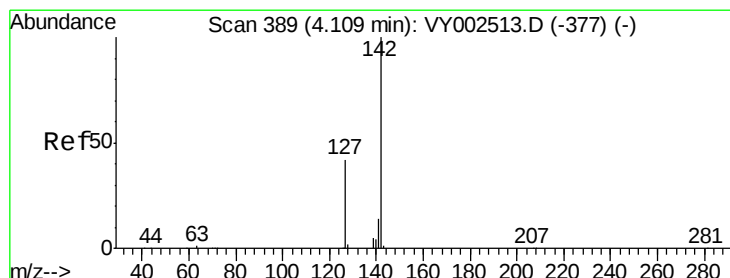
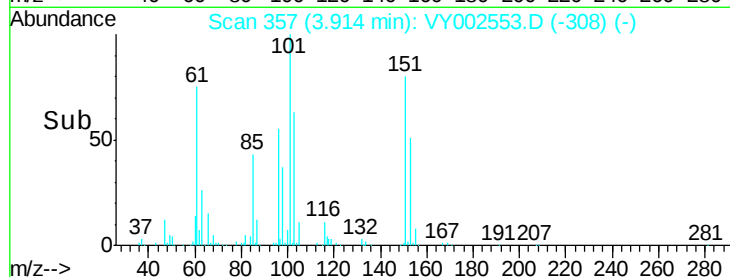
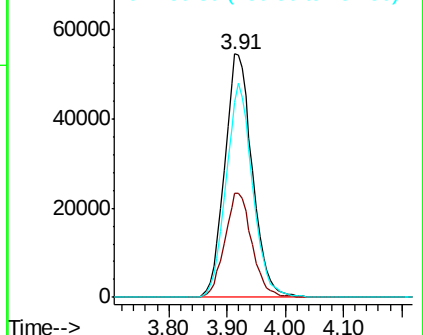
151 84.3 66.8 100.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 56.486 ug/l

RT: 4.11 min Scan# 390

Delta R.T. 0.01 min

Lab File: VY002553.D

Acq: 04 May 2020 20:07

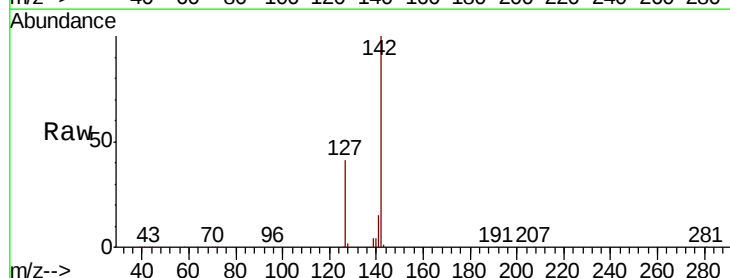
Tgt Ion:142 Resp: 268111

Ion Ratio Lower Upper

142 100

127 41.7 33.7 50.5

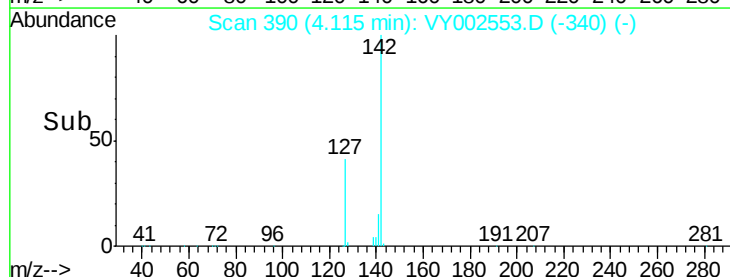
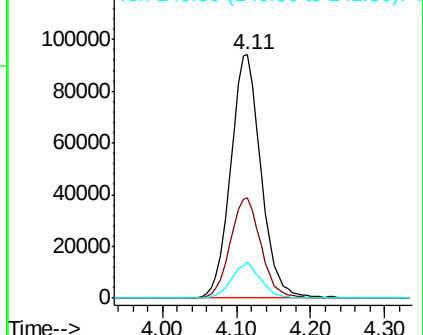
141 14.1 11.4 17.0

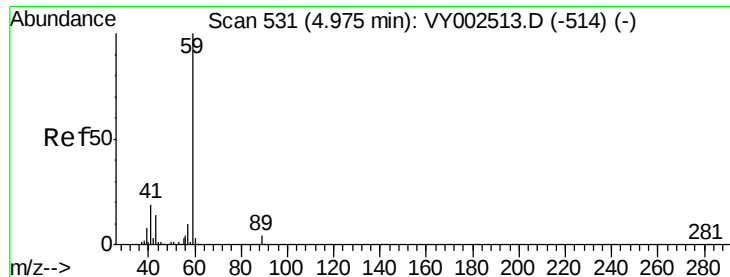


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



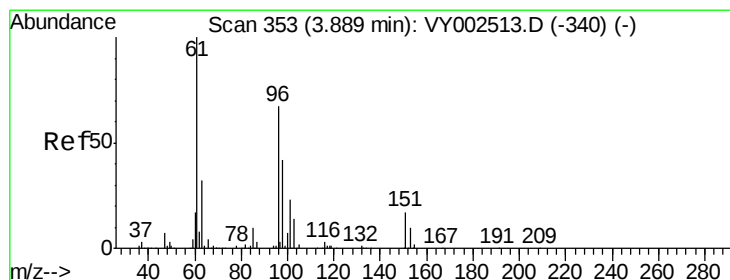
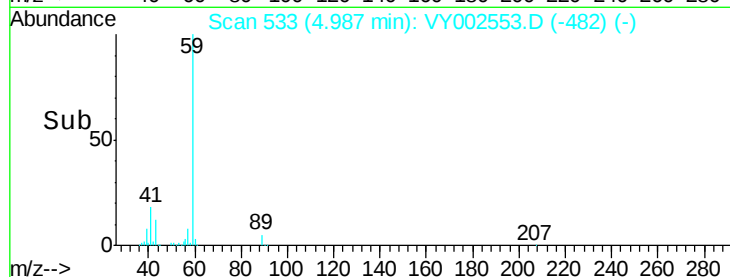
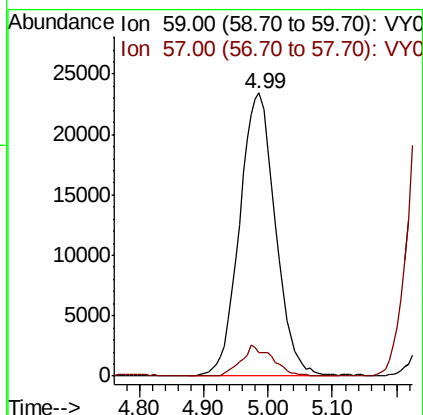
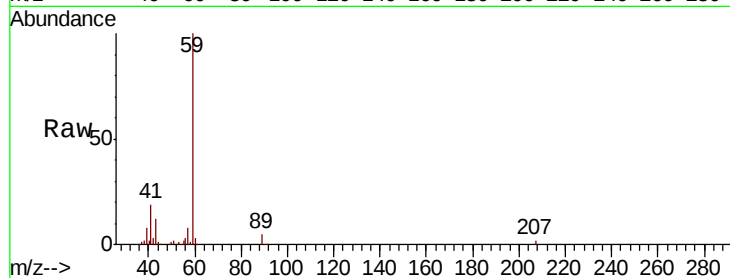


#11

Tert butyl alcohol
 Concen: 264.172 ug/l
 RT: 4.99 min Scan# 533
 Delta R.T. 0.01 min
 Lab File: VY002553.D
 Acq: 04 May 2020 20:07

Instrument :
 MSVOA_Y
 ClientSampled :

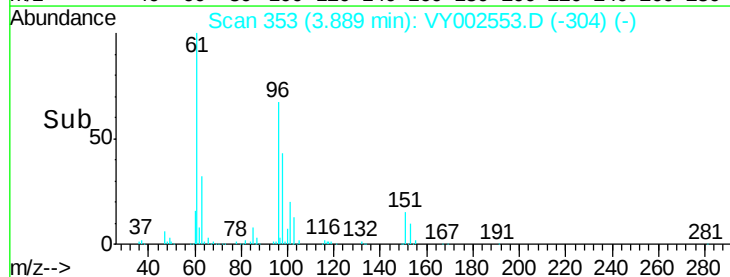
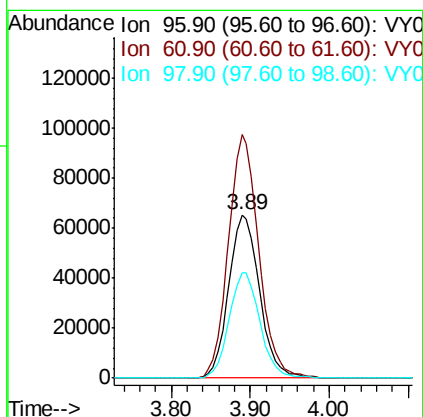
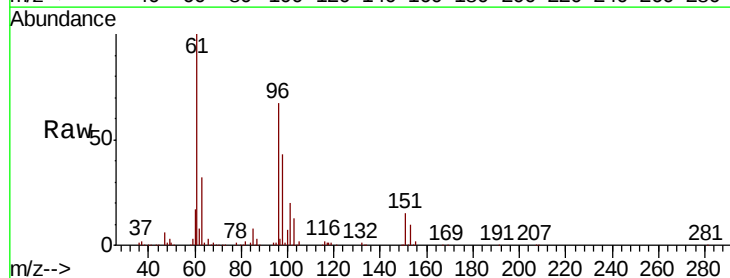
Tot Ion: 59 Resp: 89847
 Ion Ratio Lower Upper
 59 100
 57 9.6 7.8 11.6

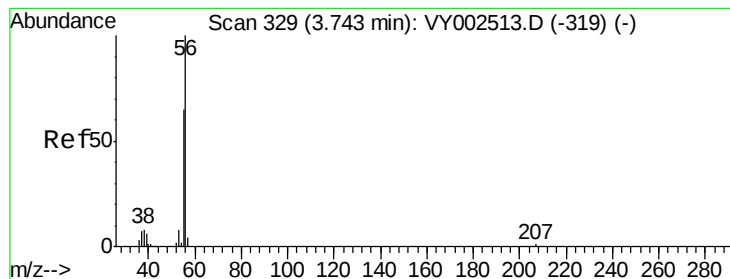


#12

1,1-Dichloroethene
 Concen: 52.785 ug/l
 RT: 3.89 min Scan# 353
 Delta R.T. -0.00 min
 Lab File: VY002553.D
 Acq: 04 May 2020 20:07

Tgt Ion: 96 Resp: 178652
 Ion Ratio Lower Upper
 96 100
 61 149.1 118.8 178.2
 98 64.5 49.6 74.4





#13

Acrolein

Concen: 254.931 ug/l

RT: 3.76 min Scan# 331

Delta R.T. 0.01 min

Lab File: VY002553.D

Acq: 04 May 2020 20:07

Instrument :

MSVOA_Y

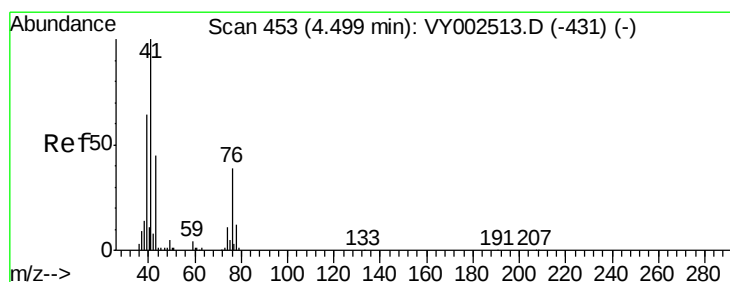
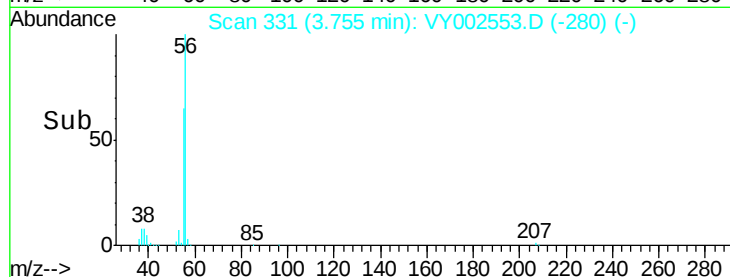
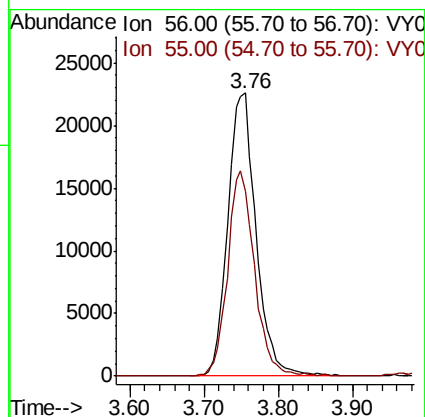
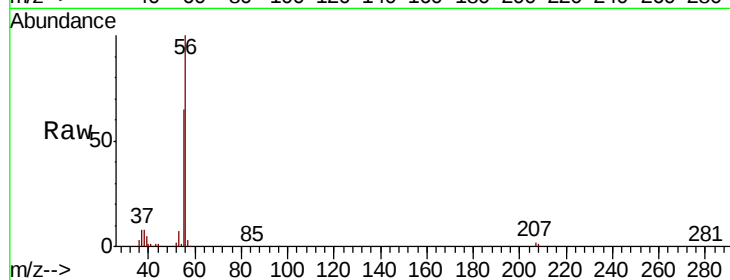
ClientSampleId :

Tot Ion: 56 Resp: 59956

Ion Ratio Lower Upper

56 100

55 69.2 53.8 80.6



#14

Allyl chloride

Concen: 55.054 ug/l

RT: 4.51 min Scan# 454

Delta R.T. 0.01 min

Lab File: VY002553.D

Acq: 04 May 2020 20:07

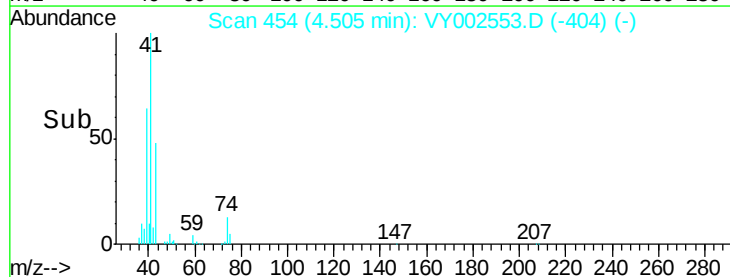
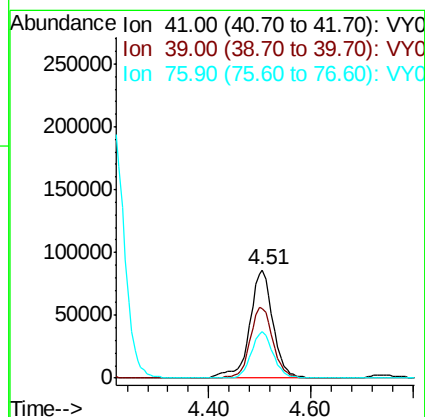
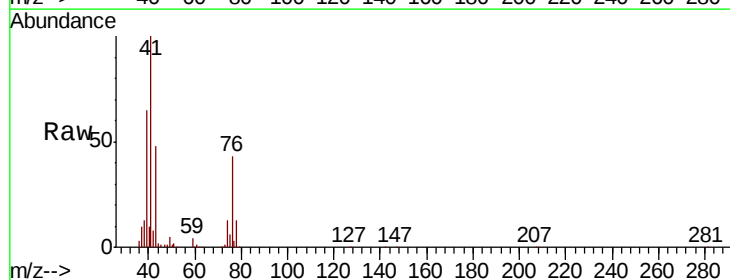
Tgt Ion: 41 Resp: 271490

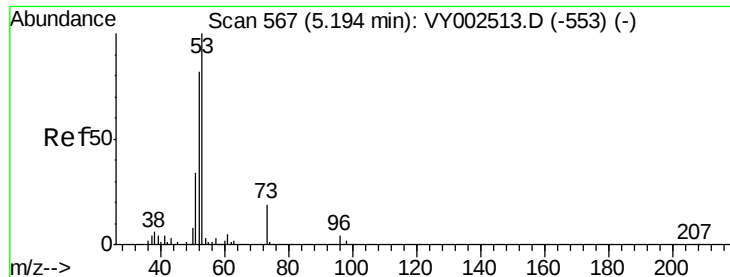
Ion Ratio Lower Upper

41 100

39 64.6 51.8 77.6

76 40.2 31.7 47.5





#15

Acrylonitrile

Concen: 282.013 ug/l

RT: 5.19 min Scan# 566

Delta R.T. -0.01 min

Lab File: VY002553.D

Acq: 04 May 2020 20:07

Instrument :

MSVOA_Y

ClientSampleId :

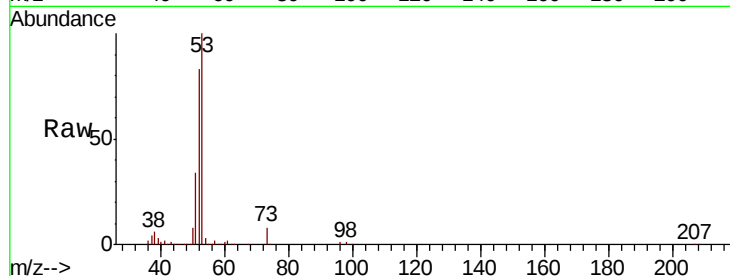
Tot Ion: 53 Resp: 254765

Ion Ratio Lower Upper

53 100

52 82.3 65.4 98.0

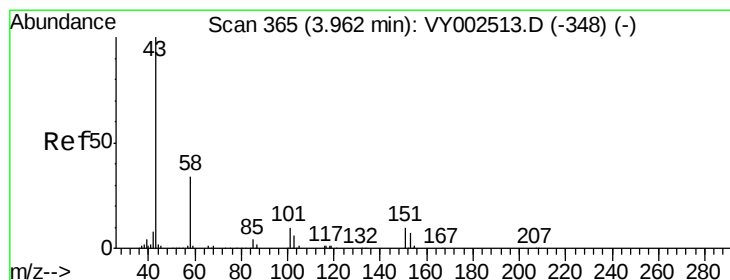
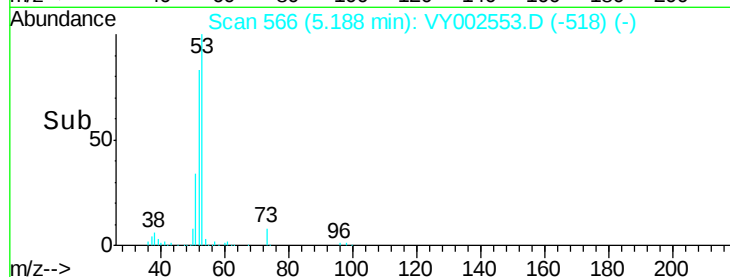
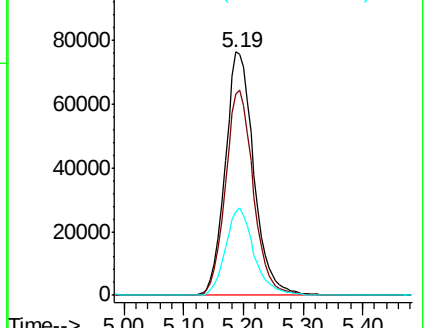
51 35.7 28.7 43.1



Abundance Ion 53.00 (52.70 to 53.70): VY0

Ion 52.00 (51.70 to 52.70): VY0

Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 277.796 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.01 min

Lab File: VY002553.D

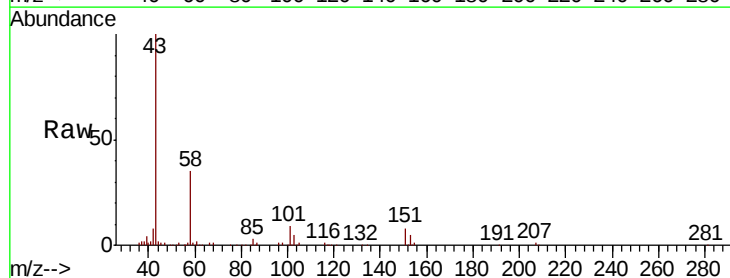
Acq: 04 May 2020 20:07

Tgt Ion: 43 Resp: 189524

Ion Ratio Lower Upper

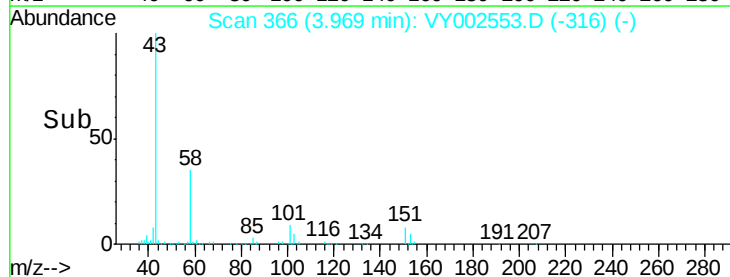
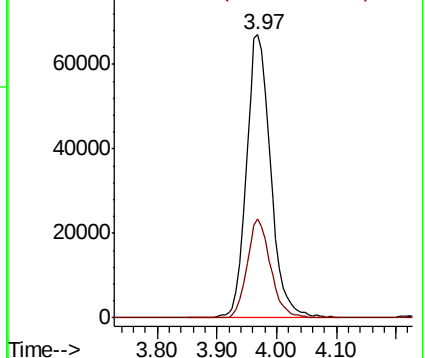
43 100

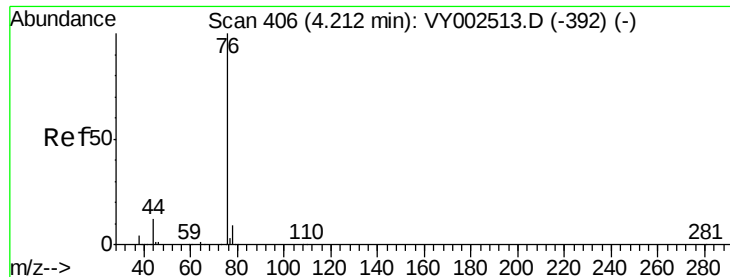
58 35.1 26.9 40.3



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

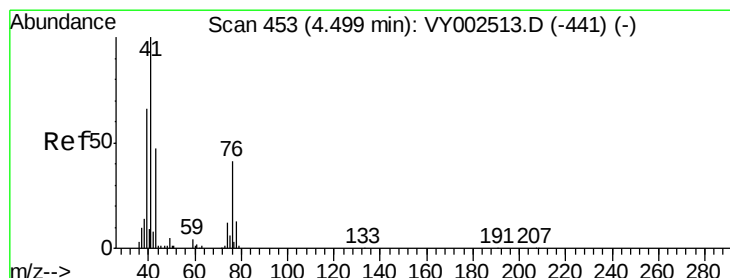
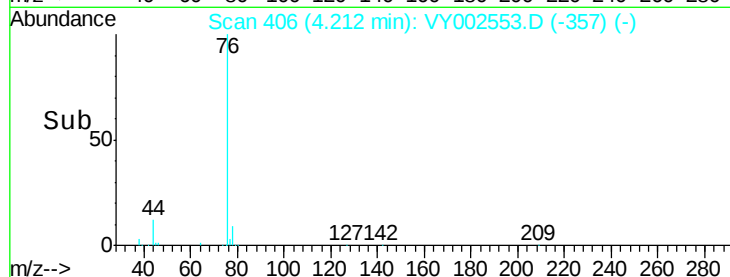
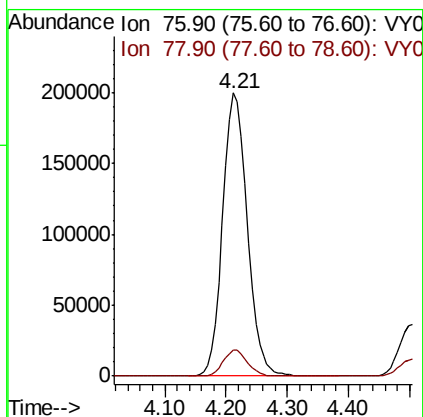
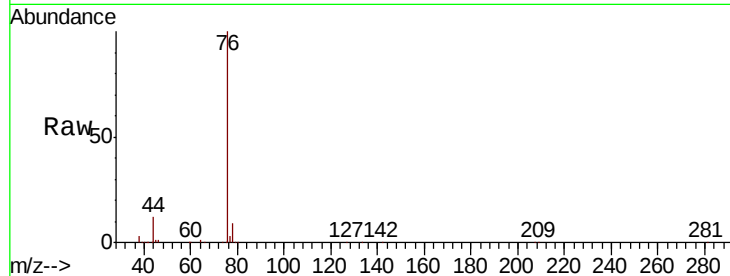




#17
Carbon Disulfide
Concen: 54.667 ug/l
RT: 4.21 min Scan# 406
Delta R.T. -0.00 min
Lab File: VY002553.D
Acq: 04 May 2020 20:07

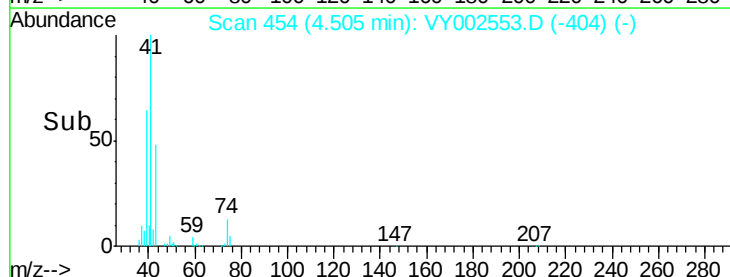
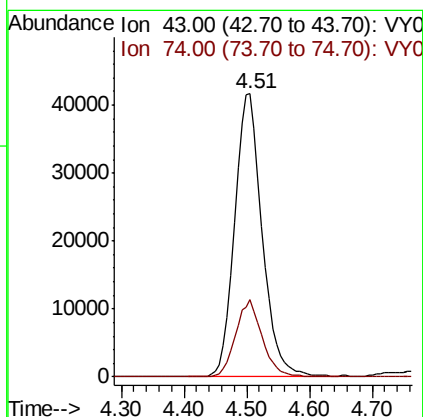
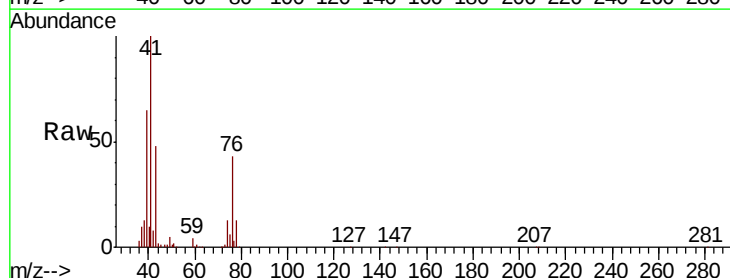
Instrument :
MSVOA_Y
ClientSampleId :

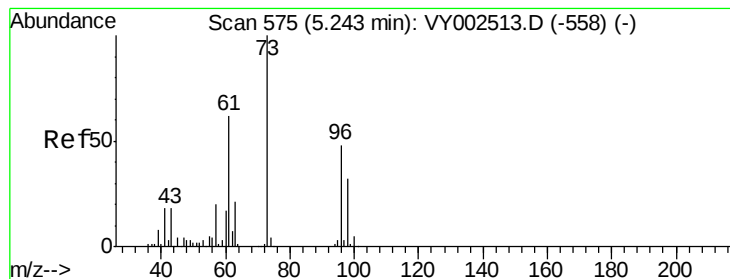
Tot Ion: 76 Resp: 556618
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.2



#18
Methyl Acetate
Concen: 55.468 ug/l
RT: 4.51 min Scan# 454
Delta R.T. 0.01 min
Lab File: VY002553.D
Acq: 04 May 2020 20:07

Tgt Ion: 43 Resp: 126442
Ion Ratio Lower Upper
43 100
74 26.1 21.2 31.8



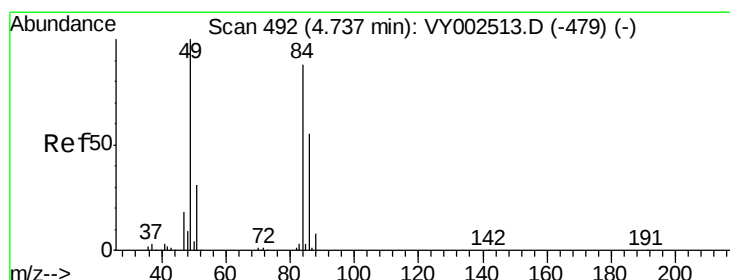
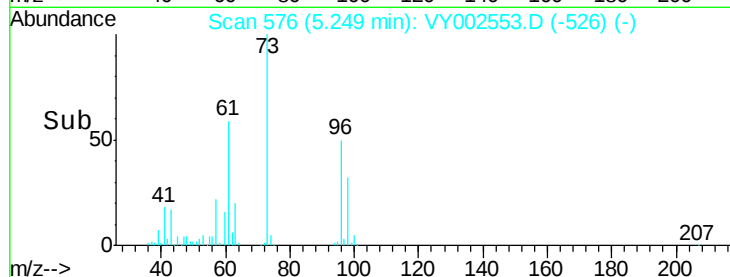
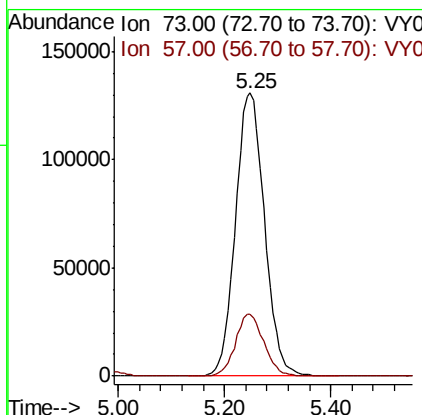
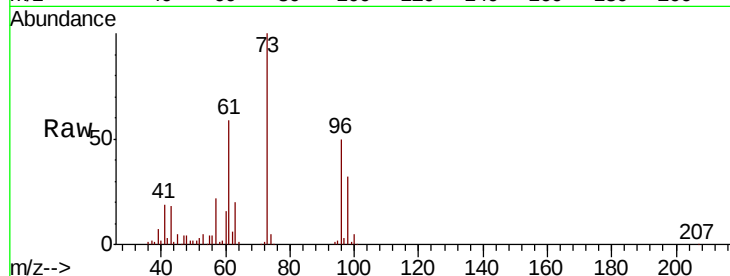


#19

Methyl tert-butyl Ether
 Concen: 56.166 ug/l
 RT: 5.25 min Scan# 576
 Delta R.T. 0.01 min
 Lab File: VY002553.D
 Acq: 04 May 2020 20:07

Instrument :
 MSVOA_Y
 ClientSampleId :

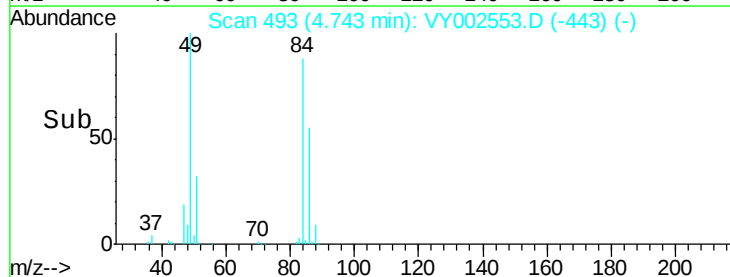
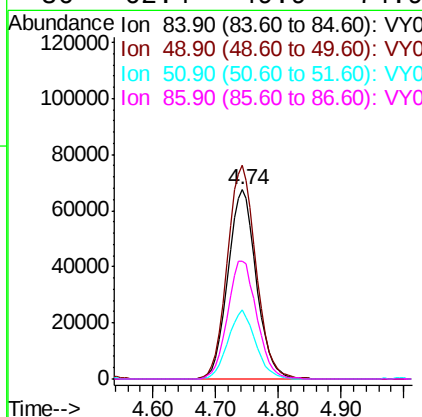
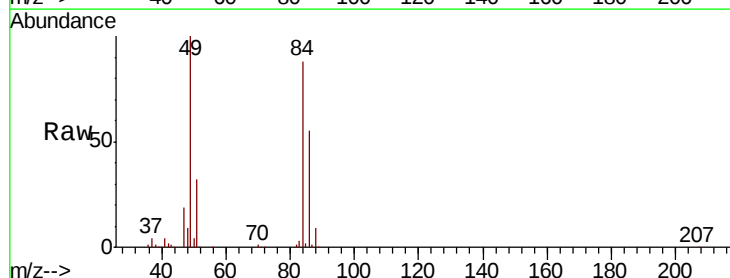
Tot Ion: 73 Resp: 495961
 Ion Ratio Lower Upper
 73 100
 57 22.1 16.3 24.5

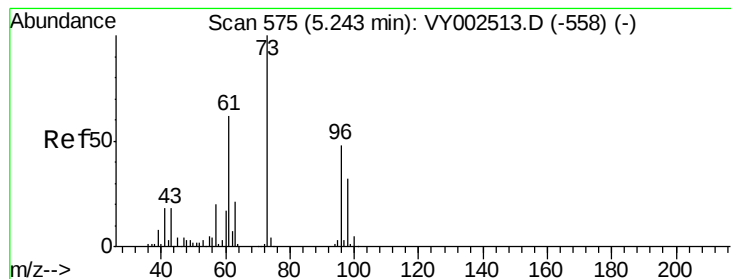


#20

Methylene Chloride
 Concen: 55.438 ug/l
 RT: 4.74 min Scan# 493
 Delta R.T. 0.01 min
 Lab File: VY002553.D
 Acq: 04 May 2020 20:07

Tgt Ion: 84 Resp: 211505
 Ion Ratio Lower Upper
 84 100
 49 113.0 90.5 135.7
 51 36.3 28.3 42.5
 86 62.4 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 54.556 ug/l

RT: 5.25 min Scan# 576

Delta R.T. 0.01 min

Lab File: VY002553.D

Acq: 04 May 2020 20:07

Instrument :

MSVOA_Y

ClientSampled :

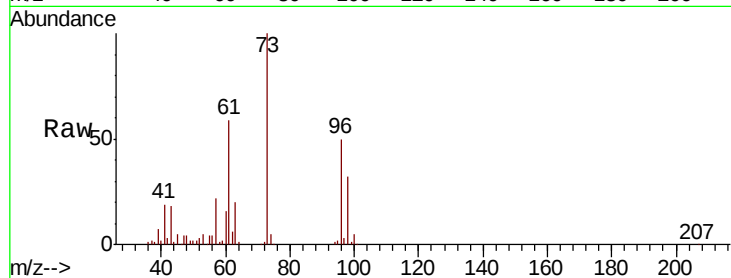
Tot Ion: 96 Resp: 201817

Ion Ratio Lower Upper

96 100

61 118.3 102.0 153.0

98 64.5 53.0 79.4

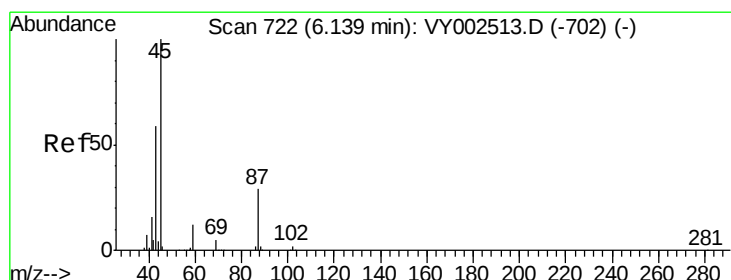
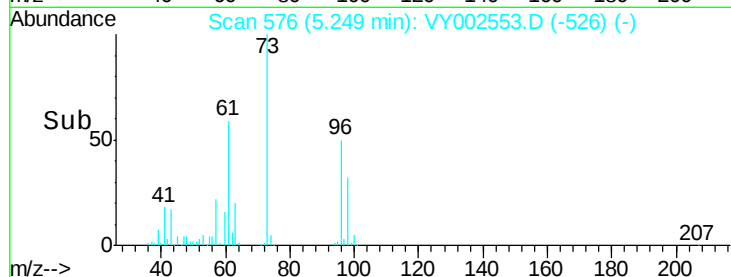
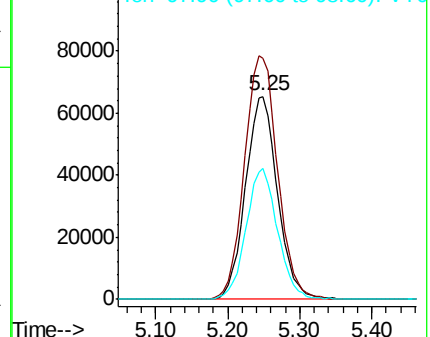


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 55.673 ug/l

RT: 6.14 min Scan# 723

Delta R.T. 0.01 min

Lab File: VY002553.D

Acq: 04 May 2020 20:07

Tgt Ion: 45 Resp: 555500

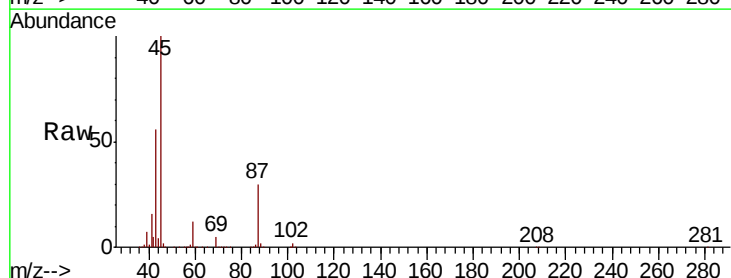
Ion Ratio Lower Upper

45 100

43 56.1 47.4 71.0

87 30.3 24.0 36.0

59 12.5 9.8 14.8



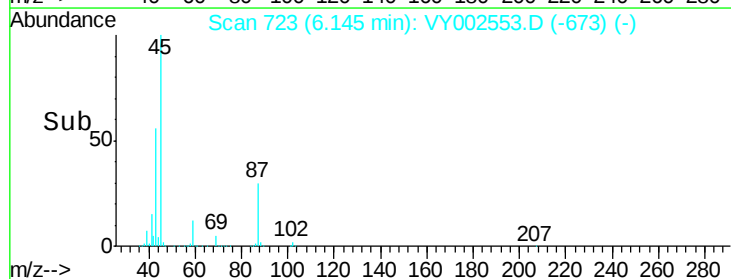
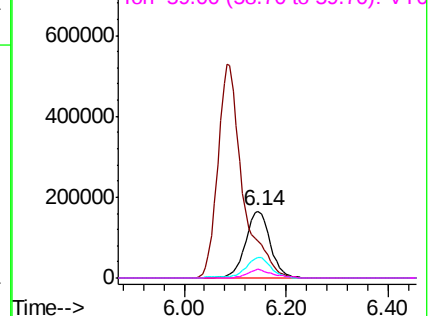
Abundance

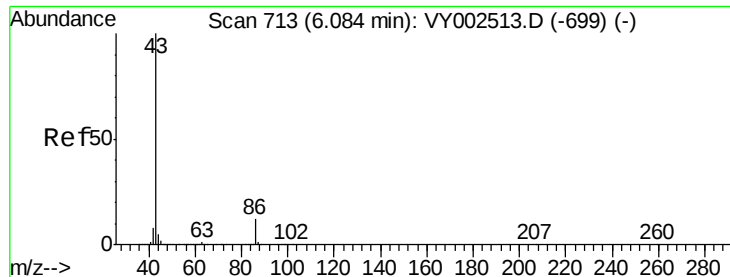
Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 283.315 ug/l

RT: 6.08 min Scan# 713

Delta R.T. -0.00 min

Lab File: VY002553.D

Acq: 04 May 2020 20:07

Instrument :

MSVOA_Y

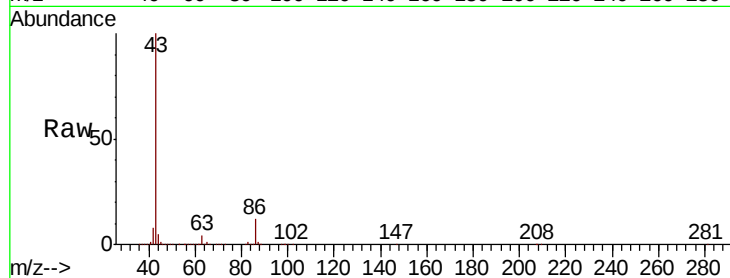
ClientSampleId :

Tot Ion: 43 Resp: 1777823

Ion Ratio Lower Upper

43 100

86 11.8 9.8 14.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.08

500000

400000

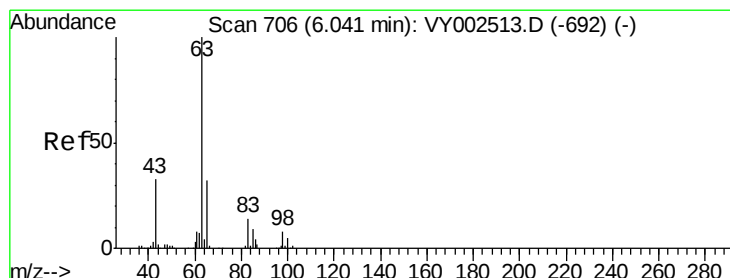
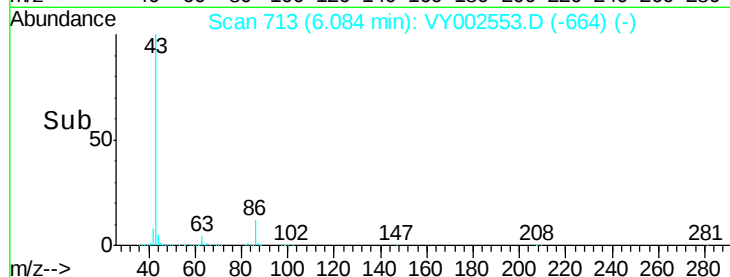
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 54.664 ug/l

RT: 6.04 min Scan# 706

Delta R.T. -0.00 min

Lab File: VY002553.D

Acq: 04 May 2020 20:07

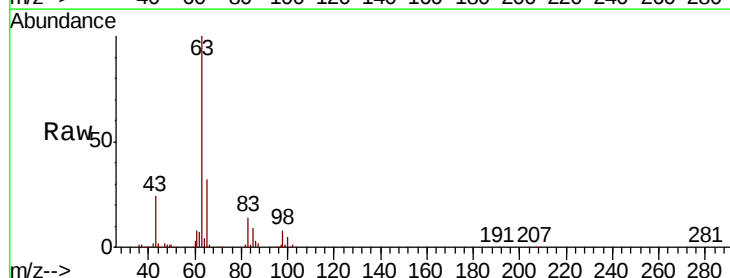
Tgt Ion: 63 Resp: 322676

Ion Ratio Lower Upper

63 100

98 8.3 3.9 11.7

100 4.5 2.4 7.2



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

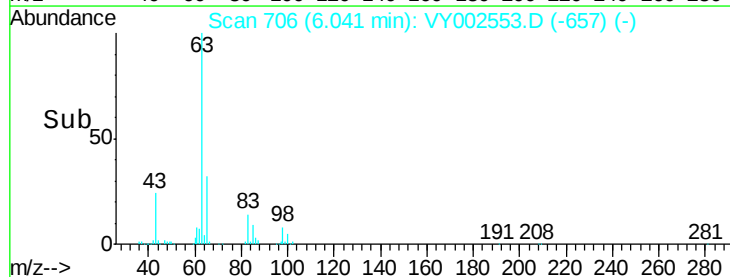
6.04

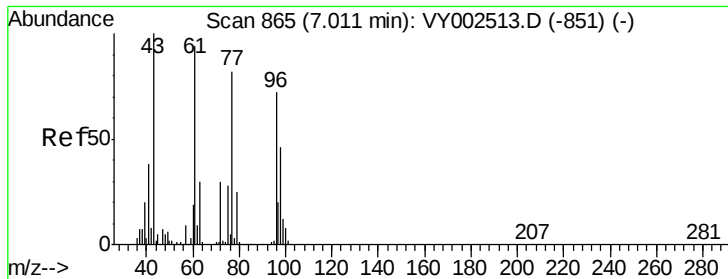
100000

50000

0

Time-->





#25

2-Butanone

Concen: 284.988 ug/l

RT: 7.00 min Scan# 864

Delta R.T. -0.01 min

Lab File: VY002553.D

Acq: 04 May 2020 20:07

Instrument :

MSVOA_Y

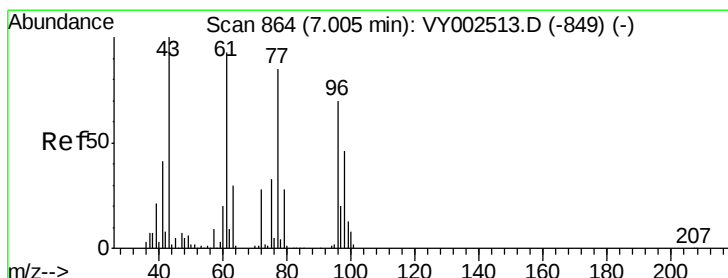
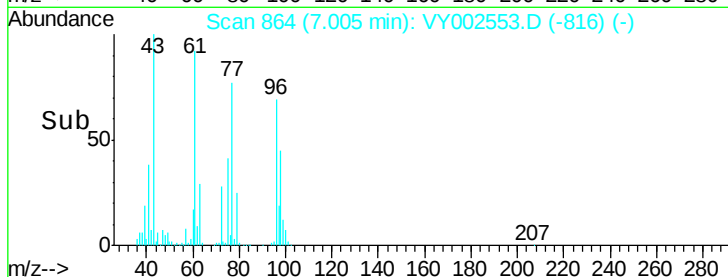
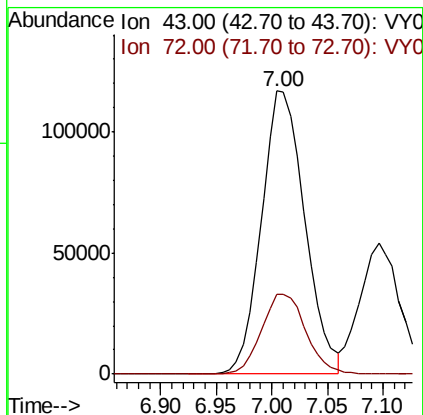
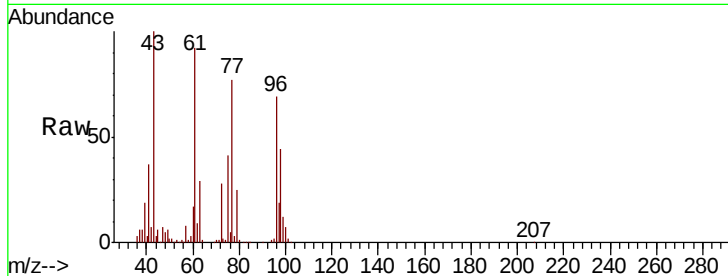
ClientSampled :

Tot Ion: 43 Resp: 318270

Ion Ratio Lower Upper

43 100

72 28.3 24.1 36.1



#26

2,2-Dichloropropane

Concen: 48.171 ug/l

RT: 7.00 min Scan# 864

Delta R.T. -0.00 min

Lab File: VY002553.D

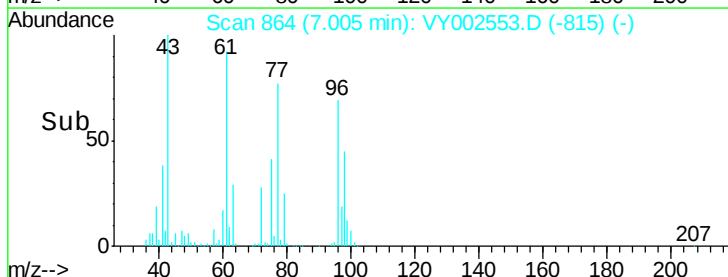
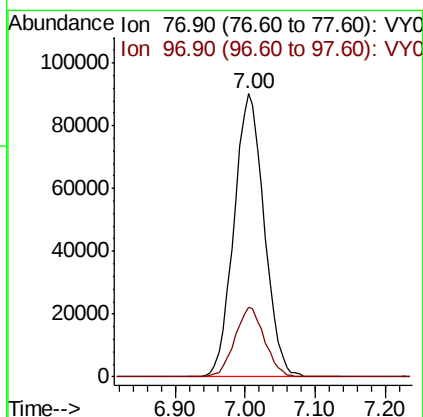
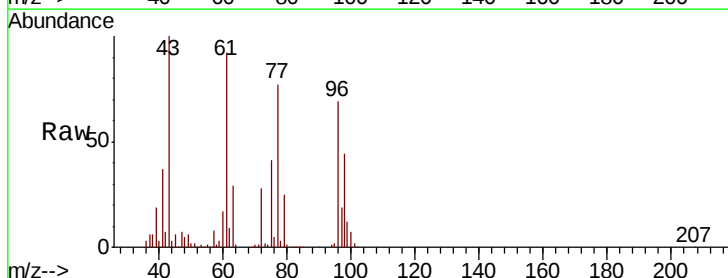
Acq: 04 May 2020 20:07

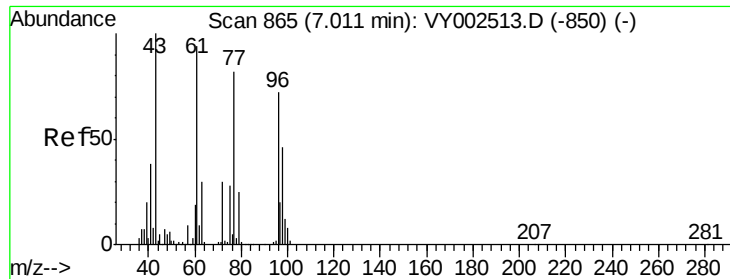
Tgt Ion: 77 Resp: 270282

Ion Ratio Lower Upper

77 100

97 24.1 11.9 35.5



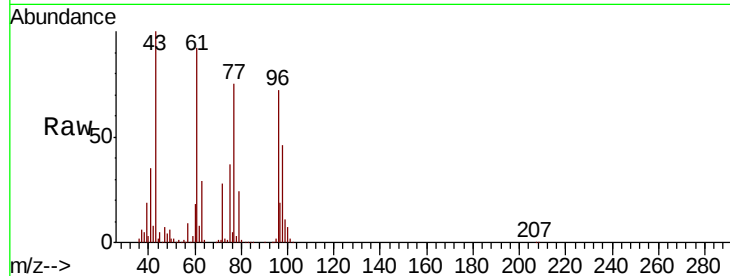


#27

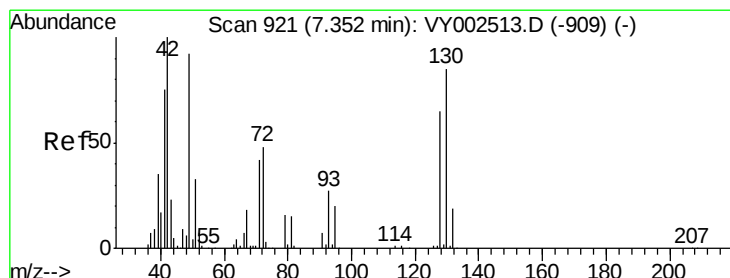
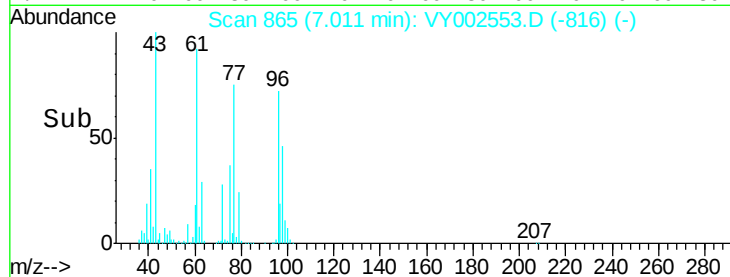
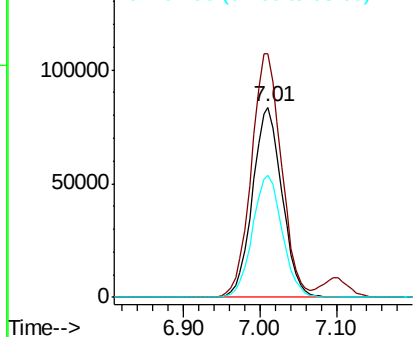
cis-1,2-Dichloroethene
 Concen: 54.879 ug/l
 RT: 7.01 min Scan# 865
 Delta R.T. -0.00 min
 Lab File: VY002553.D
 Acq: 04 May 2020 20:07

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	96	Resp	224628
Ion	Ratio	Lower	Upper
96	100		
61	131.0	0.0	266.6
98	64.9	0.0	129.2



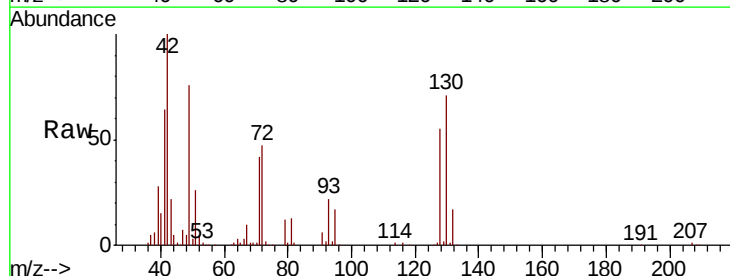
Abundance Ion 95.90 (95.60 to 96.60): VY0
 Ion 60.90 (60.60 to 61.60): VY0
 Ion 97.90 (97.60 to 98.60): VY0



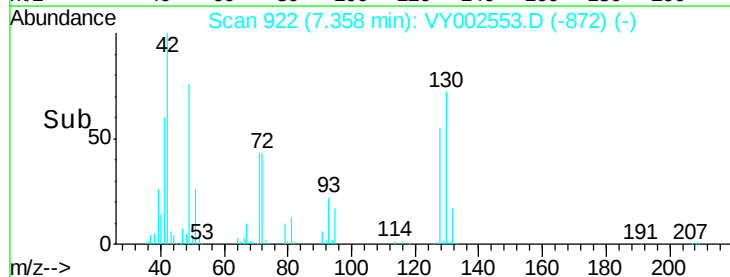
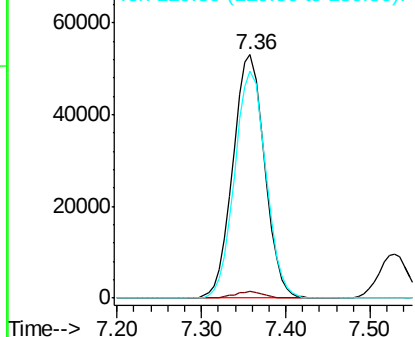
#28

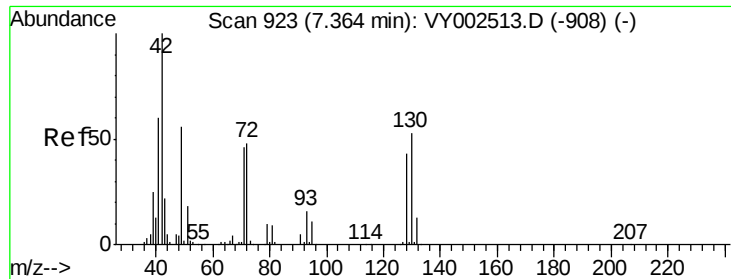
Bromochloromethane
 Concen: 55.741 ug/l
 RT: 7.36 min Scan# 922
 Delta R.T. 0.01 min
 Lab File: VY002553.D
 Acq: 04 May 2020 20:07

Tgt Ion	49	Resp	134812
Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.8
130	92.1	72.5	108.7



Abundance Ion 48.90 (48.60 to 49.60): VY0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 288.049 ug/l

RT: 7.36 min Scan# 923

Delta R.T. -0.00 min

Lab File: VY002553.D

Acq: 04 May 2020 20:07

Instrument :

MSVOA_Y

ClientSampleId :

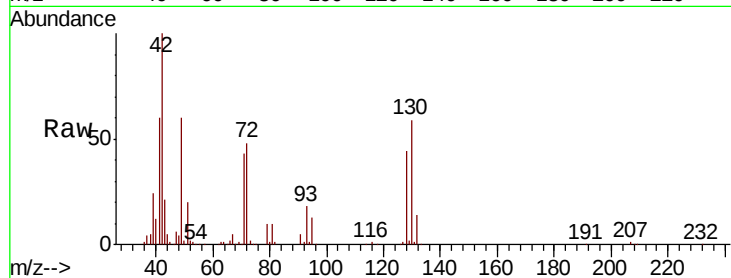
Tot Ion: 42 Resp: 212835

Ion Ratio Lower Upper

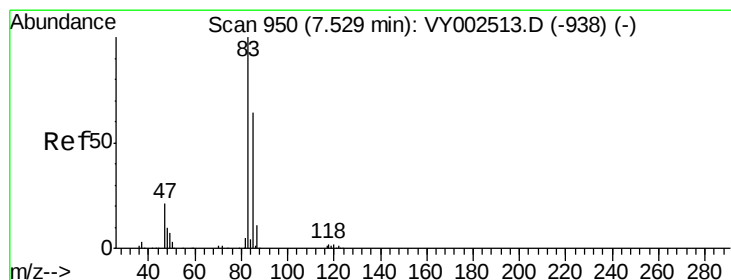
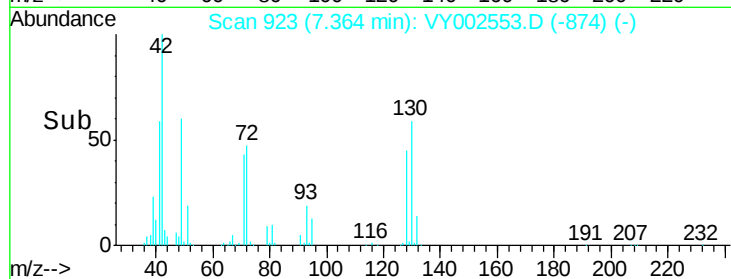
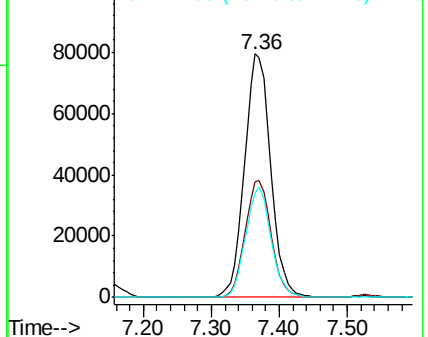
42 100

72 47.7 37.4 56.2

71 44.0 35.0 52.4



Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0



#30

Chloroform

Concen: 54.257 ug/l

RT: 7.53 min Scan# 950

Delta R.T. -0.00 min

Lab File: VY002553.D

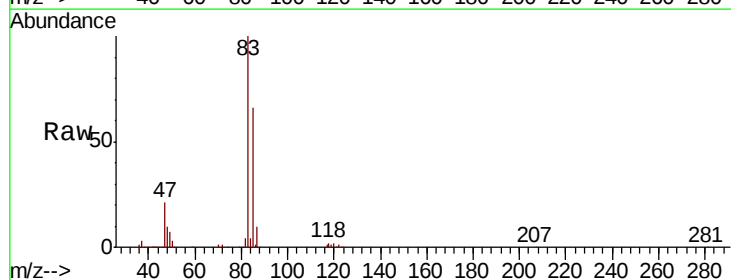
Acq: 04 May 2020 20:07

Tgt Ion: 83 Resp: 333010

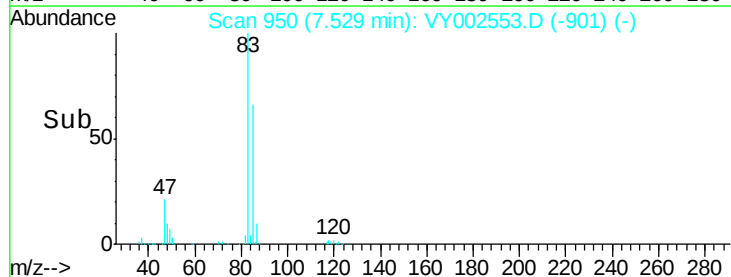
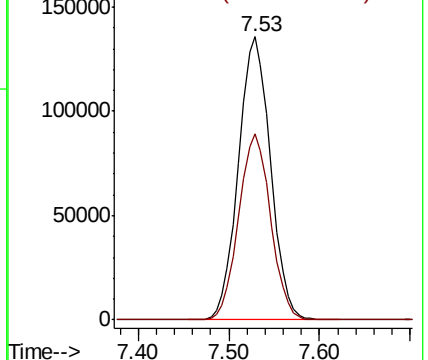
Ion Ratio Lower Upper

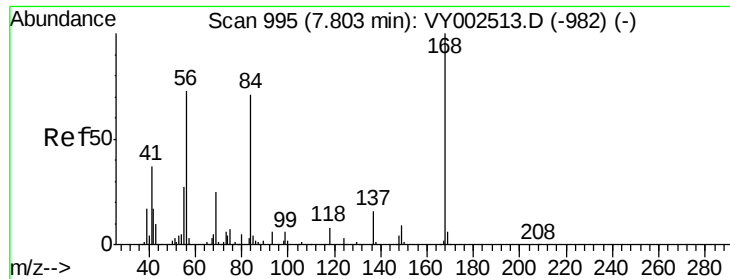
83 100

85 65.7 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0

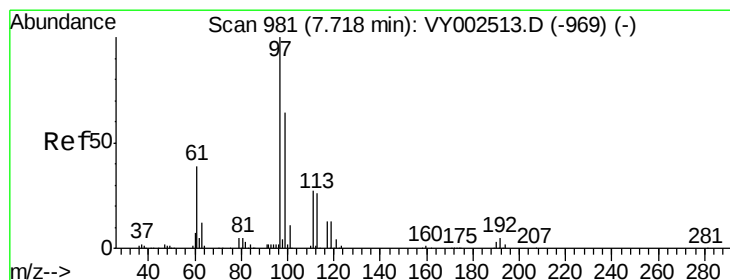
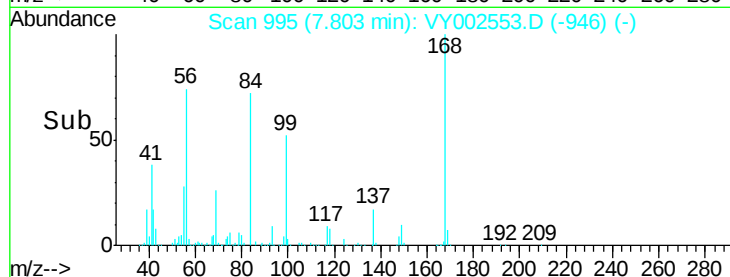
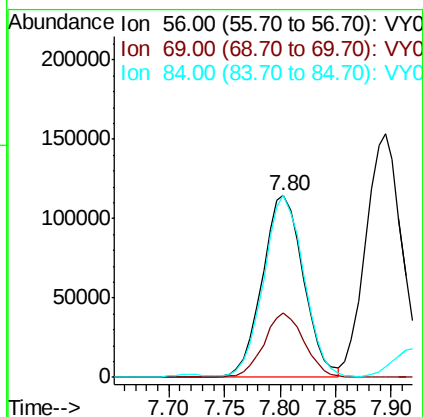
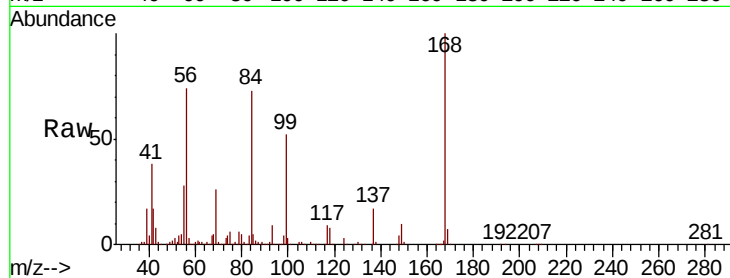




#31
Cyclohexane
Concen: 49.825 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.00 min
Lab File: VY002553.D
Acq: 04 May 2020 20:07

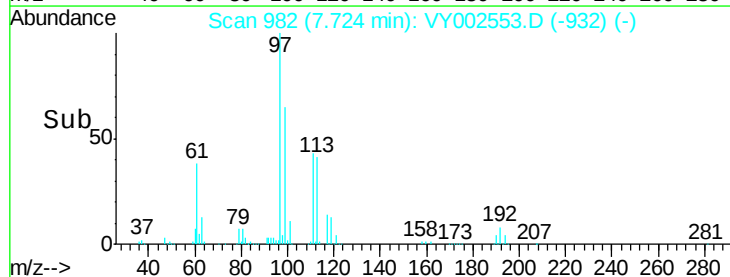
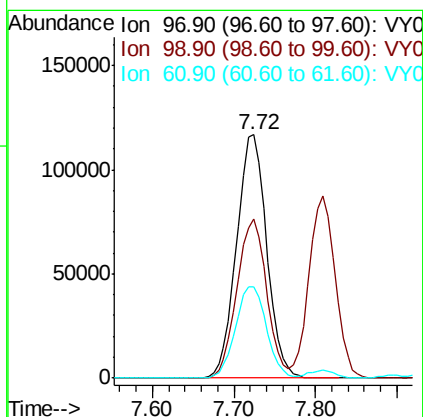
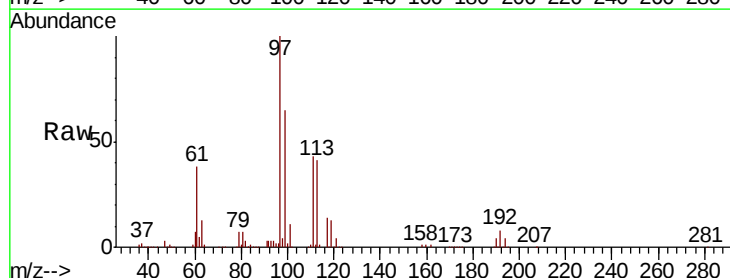
Instrument :
MSVOA_Y
ClientSampleId :

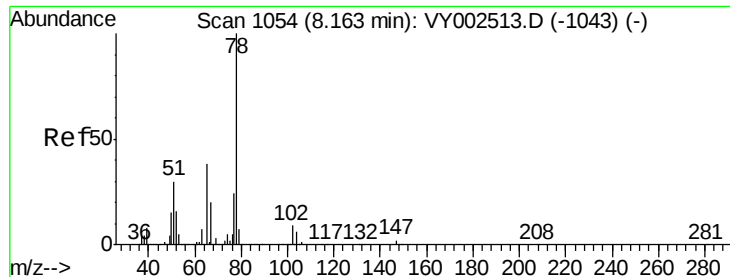
Tot Ion	56	Resp	296048
Ion	Ratio	Lower	Upper
56	100		
69	35.6	27.6	41.4
84	98.3	77.7	116.5



#32
1,1,1-Trichloroethane
Concen: 52.452 ug/l
RT: 7.72 min Scan# 982
Delta R.T. 0.01 min
Lab File: VY002553.D
Acq: 04 May 2020 20:07

Tgt Ion	97	Resp	299230
Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.9	77.9
61	38.7	31.0	46.6

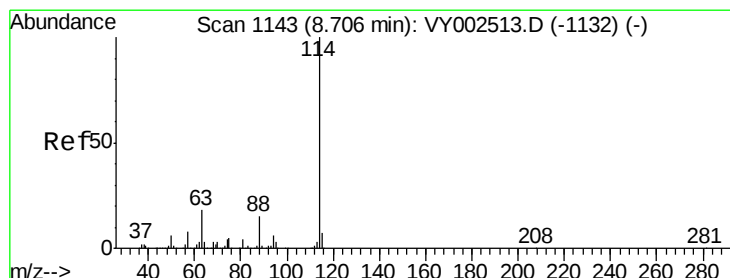
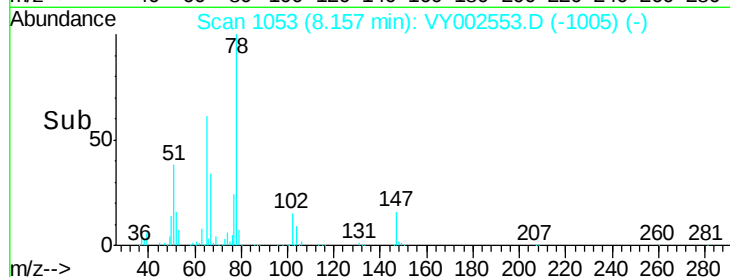
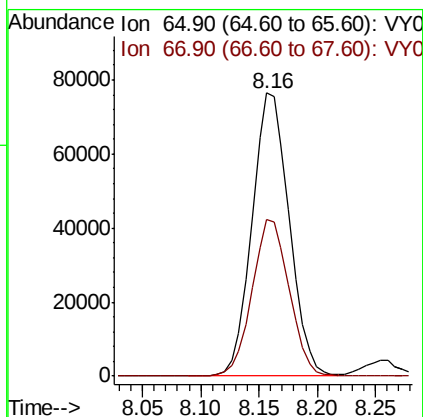
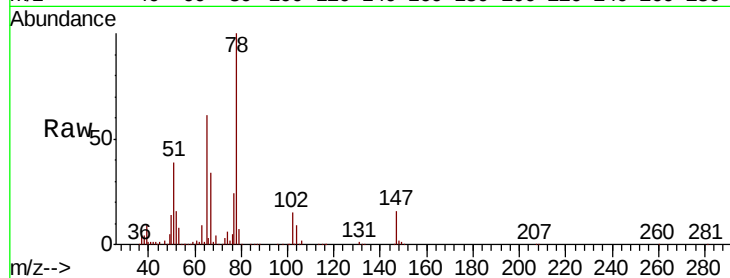




#33
 1,2-Dichloroethane-d4
 Concen: 51.083 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: VY002553.D
 Acq: 04 May 2020 20:07

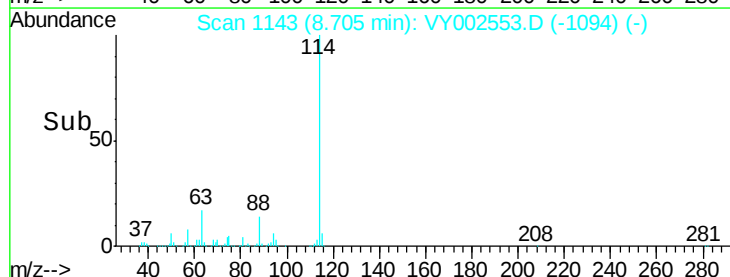
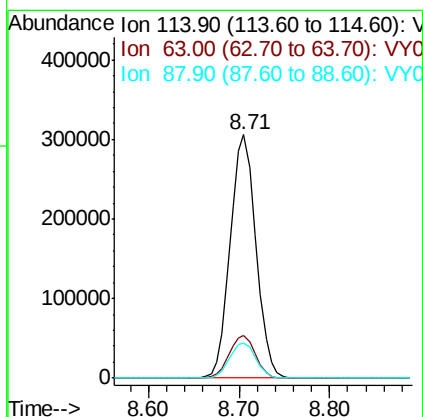
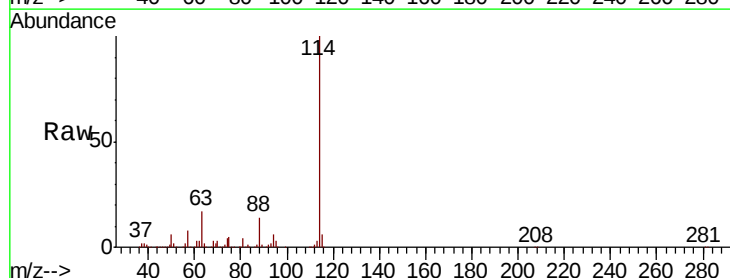
Instrument :
 MSVOA_Y
 ClientSampleId :

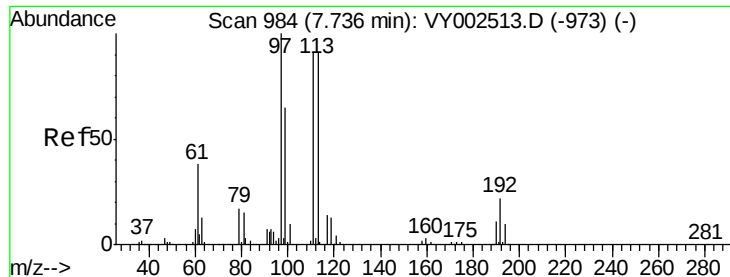
Tot Ion: 65 Resp: 168869
 Ion Ratio Lower Upper
 65 100
 67 55.3 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.00 min
 Lab File: VY002553.D
 Acq: 04 May 2020 20:07

Tgt Ion: 114 Resp: 601510
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 36.4
 88 14.3 0.0 29.6

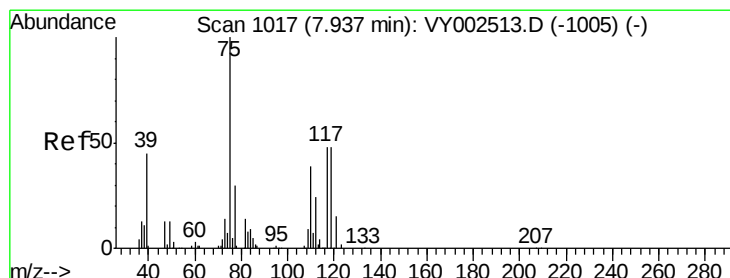
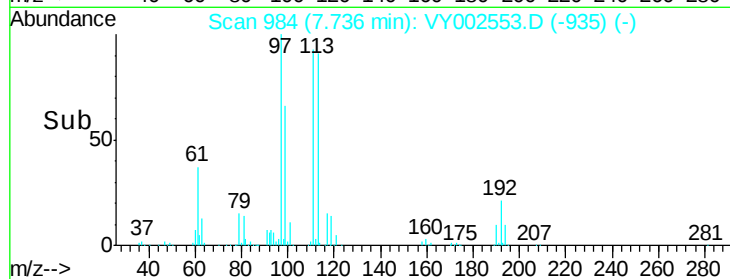
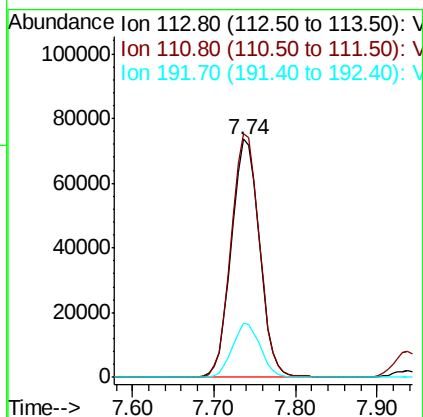
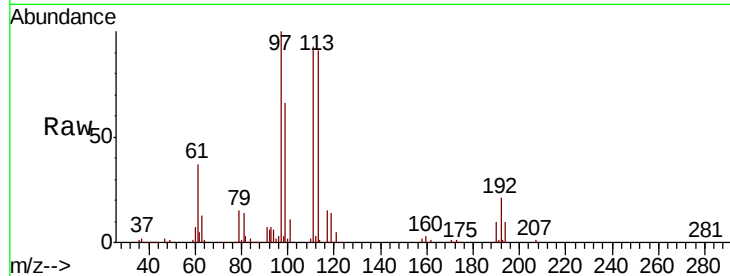




#35
 Dibromofluoromethane
 Concen: 51.030 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. -0.00 min
 Lab File: VY002553.D
 Acq: 04 May 2020 20:07

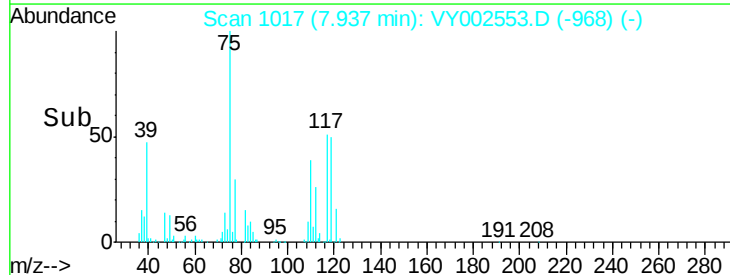
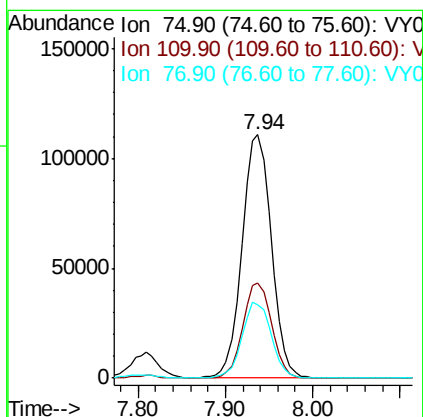
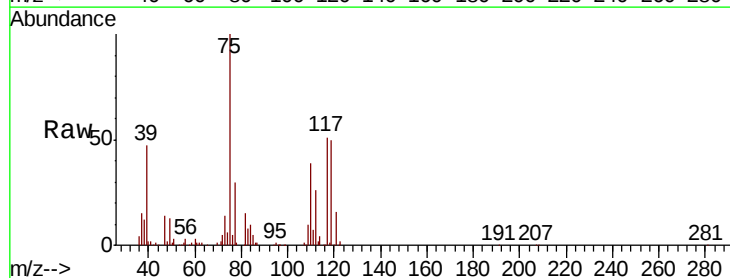
Instrument :
 MSVOA_Y
 ClientSampleId :

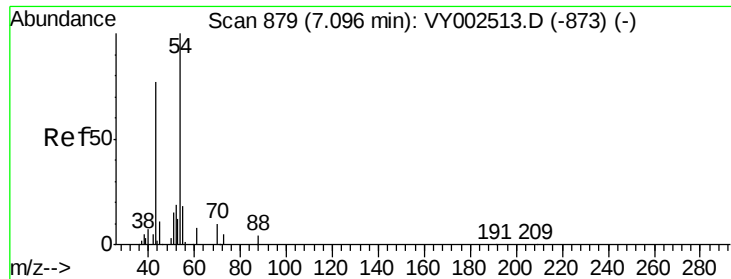
Tot Ion:113 Resp: 175545
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.8 122.6
 192 22.2 18.2 27.4



#36
 1,1-Dichloropropene
 Concen: 51.303 ug/l
 RT: 7.94 min Scan# 1017
 Delta R.T. -0.00 min
 Lab File: VY002553.D
 Acq: 04 May 2020 20:07

Tgt Ion: 75 Resp: 258699
 Ion Ratio Lower Upper
 75 100
 110 38.3 19.1 57.3
 77 31.1 24.6 37.0

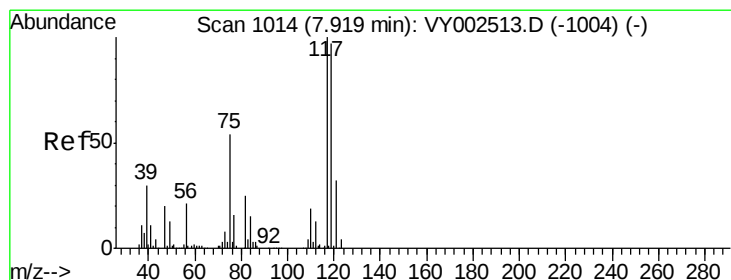
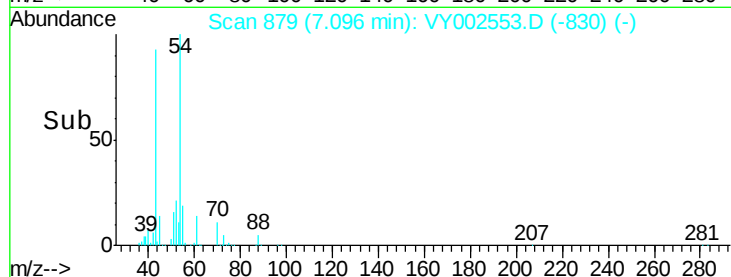
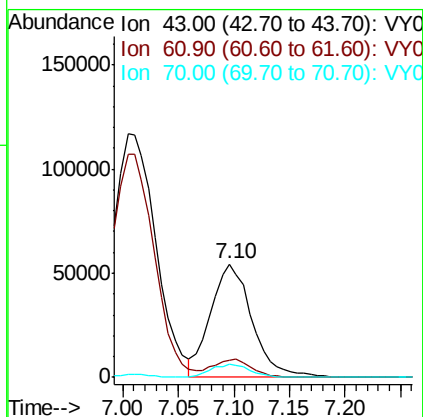
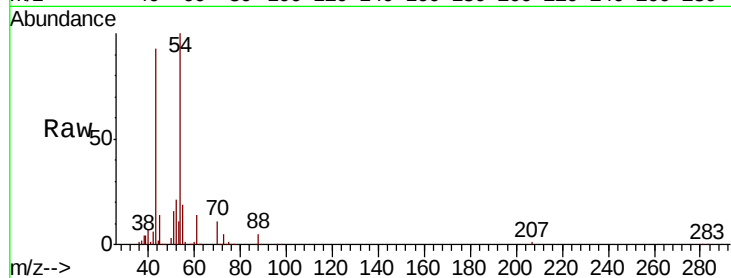




#37
Ethyl Acetate
Concen: 53.855 ug/l
RT: 7.10 min Scan# 879
Delta R.T. -0.00 min
Lab File: VY002553.D
Acq: 04 May 2020 20:07

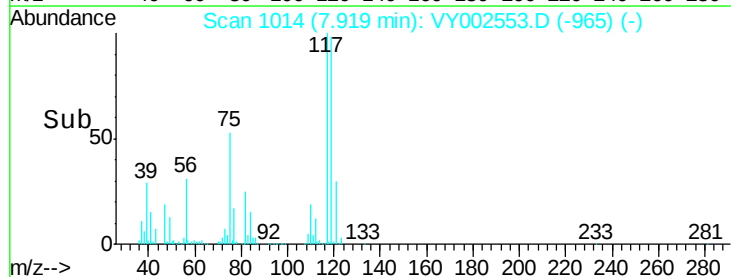
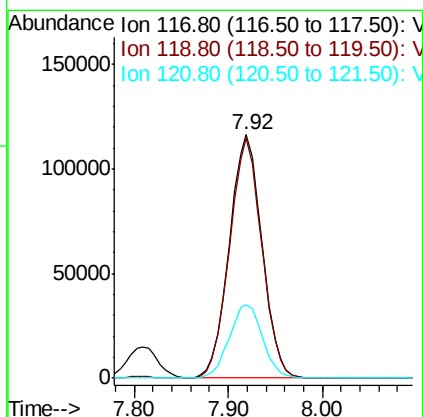
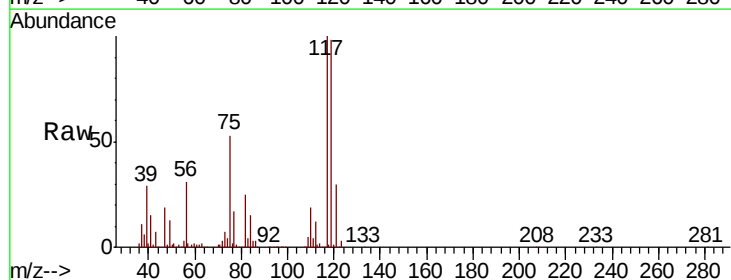
Instrument :
MSVOA_Y
ClientSampled :

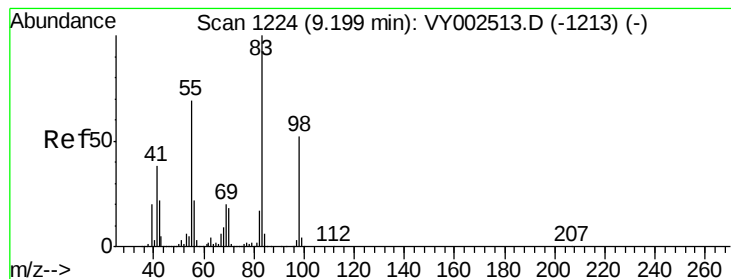
Tot Ion: 43 Resp: 139551
Ion Ratio Lower Upper
43 100
61 15.5 11.6 17.4
70 11.3 9.0 13.6



#38
Carbon Tetrachloride
Concen: 50.801 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. -0.00 min
Lab File: VY002553.D
Acq: 04 May 2020 20:07

Tgt Ion: 117 Resp: 279672
Ion Ratio Lower Upper
117 100
119 98.2 77.1 115.7
121 30.2 25.2 37.8





#39

Methvlcvclohexane

Concen: 50.099 ug/l

RT: 9.19 min Scan# 1223

Delta R.T. -0.01 min

Lab File: VY002553.D

Acq: 04 May 2020 20:07

Instrument :

MSVOA_Y

ClientSampleId :

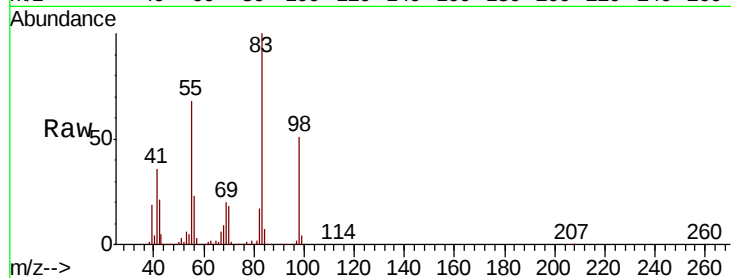
Tot Ion: 83 Resp: 333671

Ion Ratio Lower Upper

83 100

55 68.5 55.4 83.0

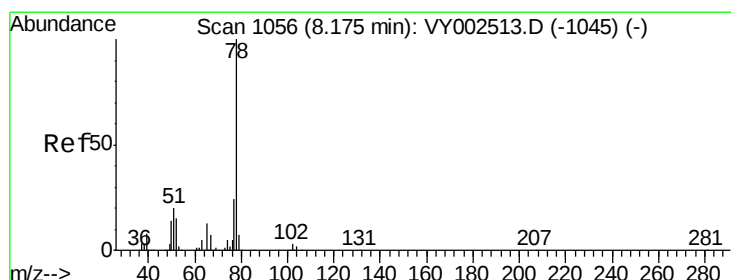
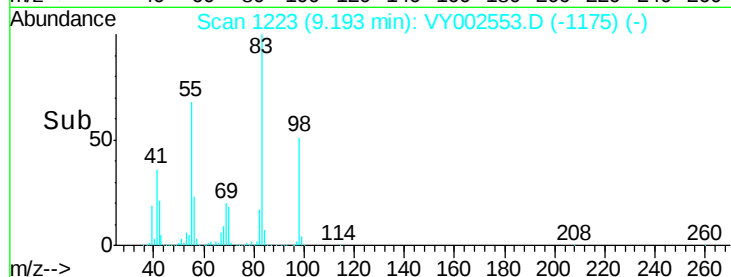
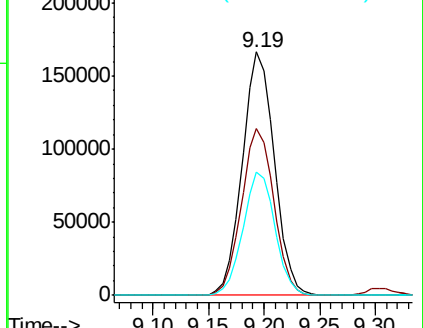
98 50.7 41.3 61.9



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

Benzene

Concen: 52.993 ug/l

RT: 8.18 min Scan# 1056

Delta R.T. -0.00 min

Lab File: VY002553.D

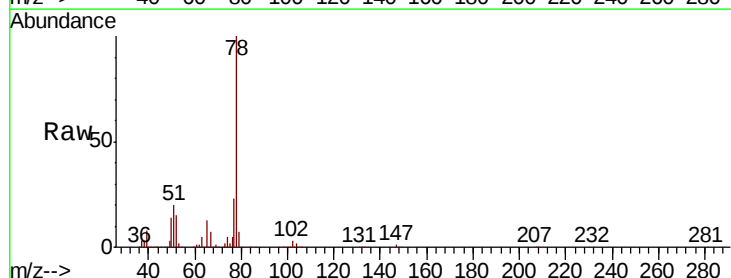
Acq: 04 May 2020 20:07

Tgt Ion: 78 Resp: 771786

Ion Ratio Lower Upper

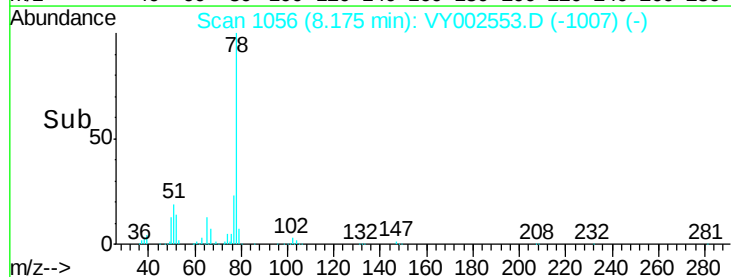
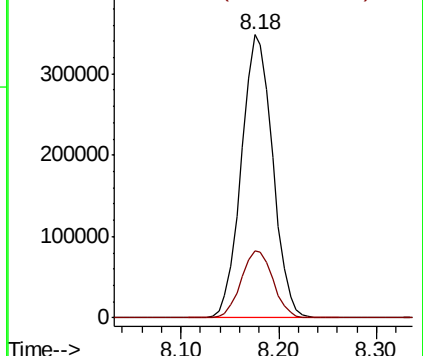
78 100

77 23.5 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VY0

Ion 77.00 (76.70 to 77.70): VY0

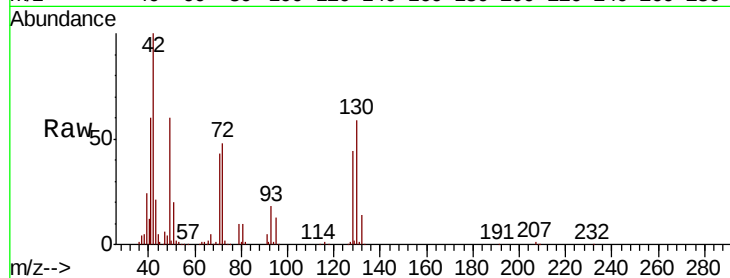




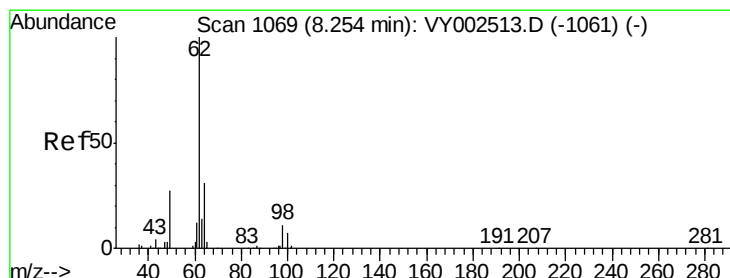
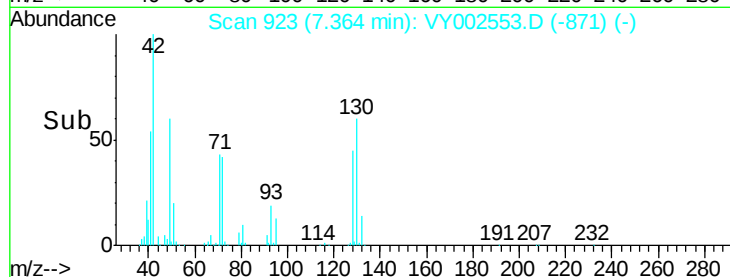
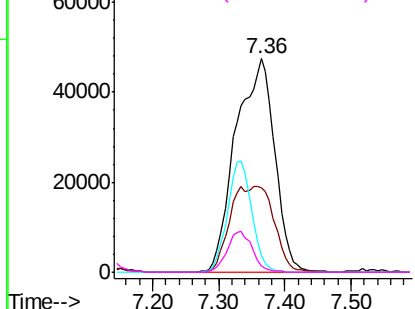
#41
Methacrylonitrile
Concen: 139.259 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.02 min
Lab File: VY002553.D
Acq: 04 May 2020 20:07

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:	41	Resp:	194019
Ion	Ratio	Lower	Upper
41	100		
39	0.0	83.1	124.7#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

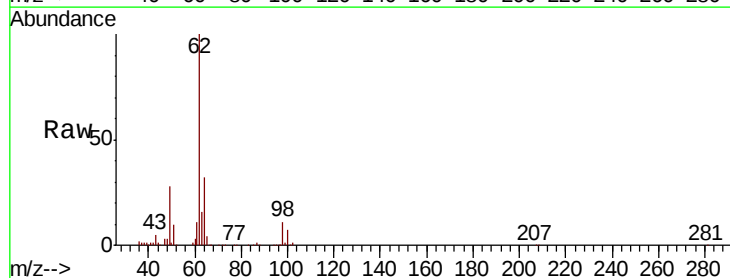


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

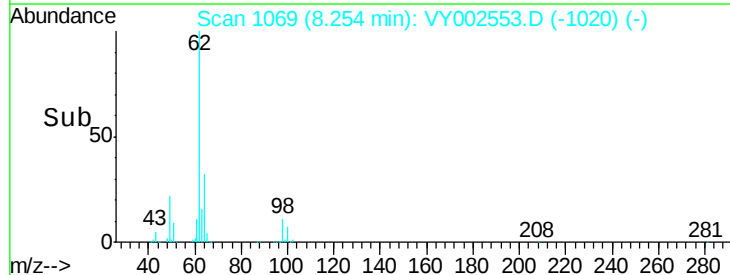
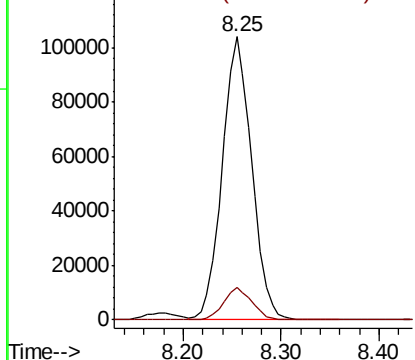


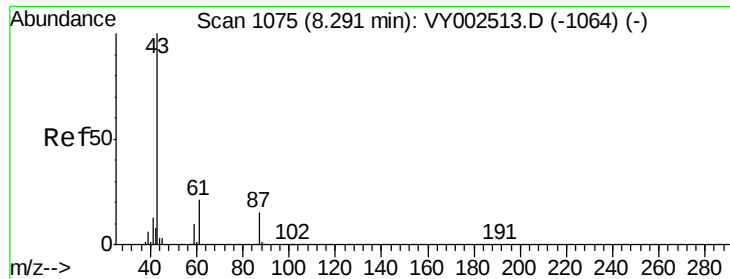
#42
1,2-Dichloroethane
Concen: 53.186 ug/l
RT: 8.25 min Scan# 1069
Delta R.T. -0.00 min
Lab File: VY002553.D
Acq: 04 May 2020 20:07

Tgt Ion:	62	Resp:	217273
Ion	Ratio	Lower	Upper
62	100		
98	11.0	0.0	21.0



Abundance Ion 61.90 (61.60 to 62.60): VY0
Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 55.571 ug/l

RT: 8.29 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VY002553.D

Acq: 04 May 2020 20:07

Instrument :

MSVOA_Y

ClientSampleId :

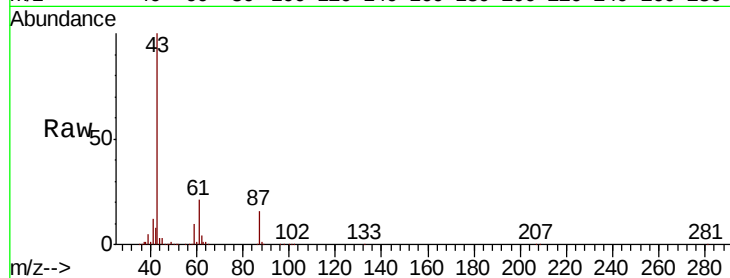
Tot Ion: 43 Resp: 269954

Ion Ratio Lower Upper

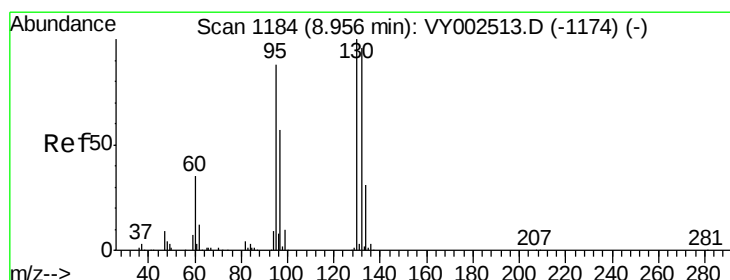
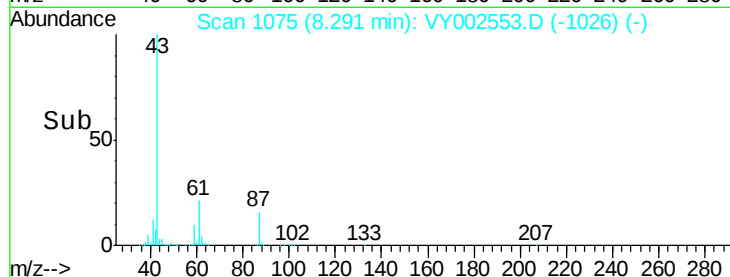
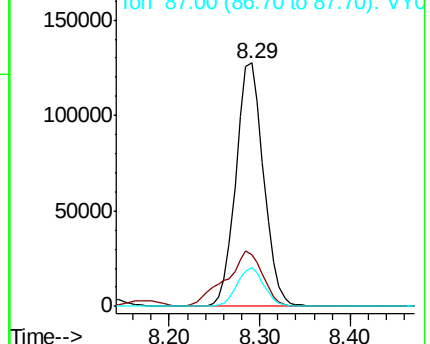
43 100

61 30.4 24.8 37.2

87 15.4 12.2 18.2



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 61.00 (60.70 to 61.70): VY0
Ion 87.00 (86.70 to 87.70): VY0



#44

Trichloroethene

Concen: 53.362 ug/l

RT: 8.95 min Scan# 1183

Delta R.T. -0.01 min

Lab File: VY002553.D

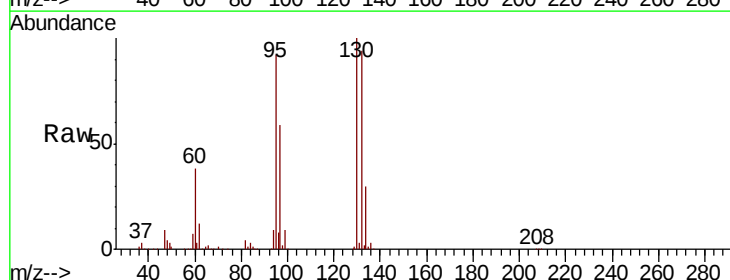
Acq: 04 May 2020 20:07

Tgt Ion:130 Resp: 242872

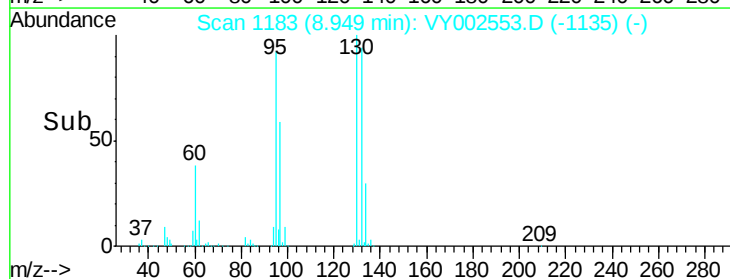
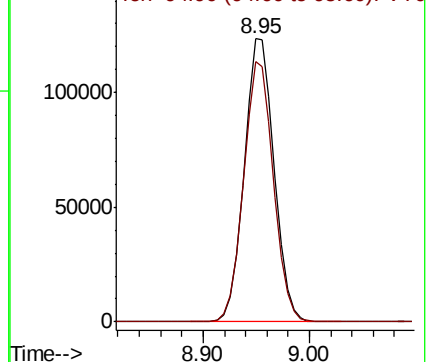
Ion Ratio Lower Upper

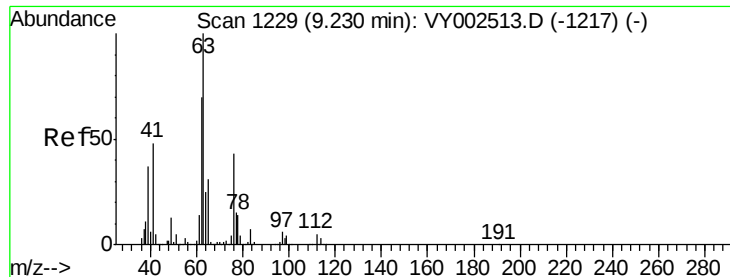
130 100

95 91.8 0.0 175.8



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VY0





#45

1,2-Dichloropropane

Concen: 53.699 ug/l

RT: 9.23 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VY002553.D

Acq: 04 May 2020 20:07

Instrument :

MSVOA_Y

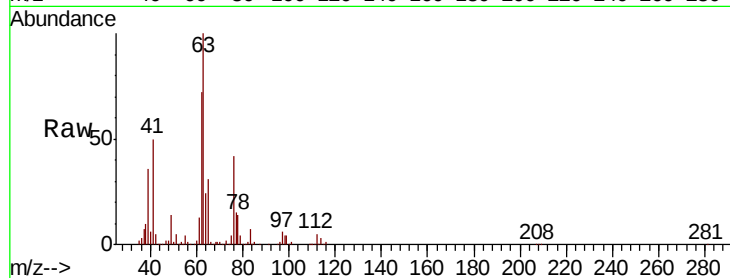
ClientSampled :

Tot Ion: 63 Resp: 188747

Ion Ratio Lower Upper

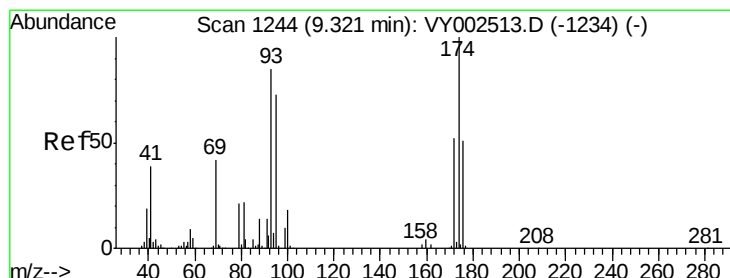
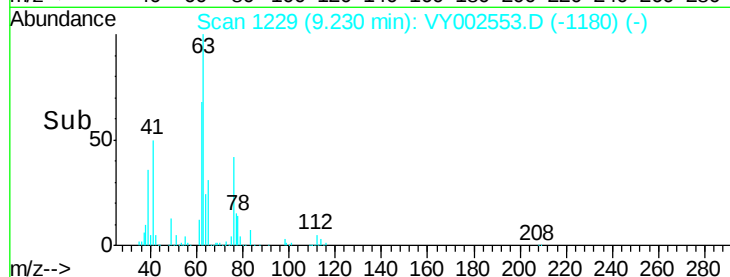
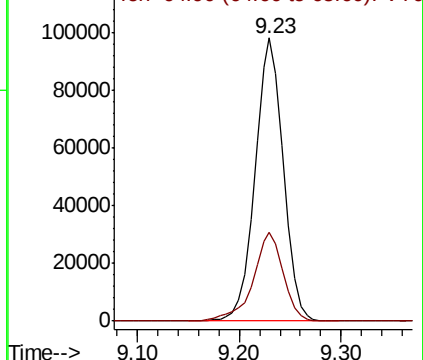
63 100

65 31.2 24.5 36.7



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 54.577 ug/l

RT: 9.32 min Scan# 1244

Delta R.T. -0.00 min

Lab File: VY002553.D

Acq: 04 May 2020 20:07

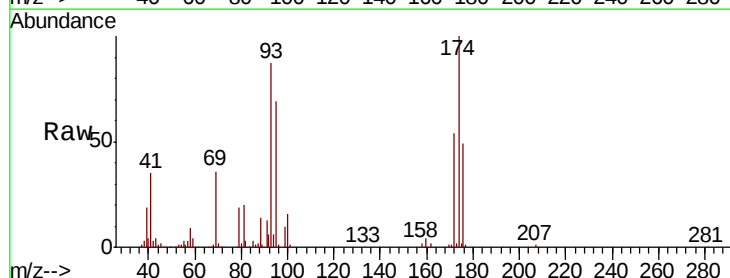
Tgt Ion: 93 Resp: 110373

Ion Ratio Lower Upper

93 100

95 82.5 67.0 100.4

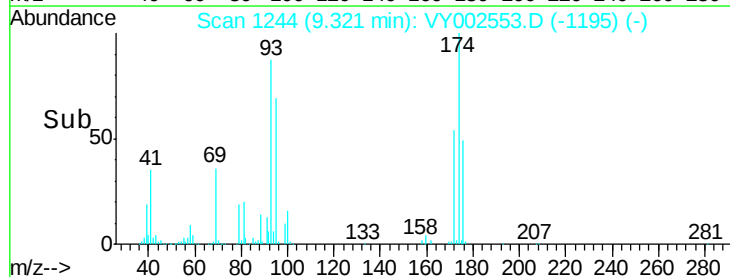
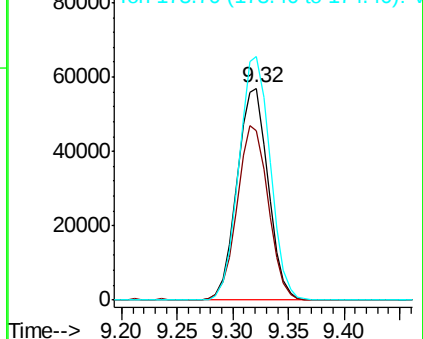
174 115.8 92.7 139.1

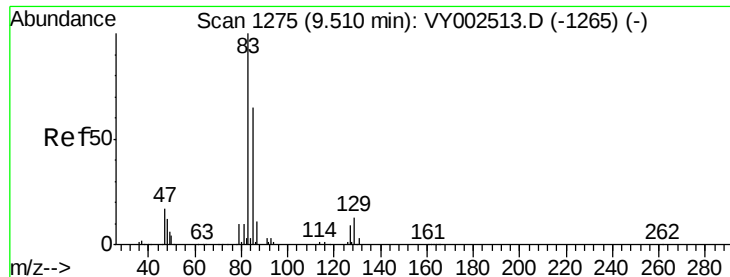


Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): VY0





#47

Bromodichloromethane

Concen: 53.707 ug/l

RT: 9.51 min Scan# 1275

Delta R.T. -0.00 min

Lab File: VY002553.D

Acq: 04 May 2020 20:07

Instrument :

MSVOA_Y

ClientSampleId :

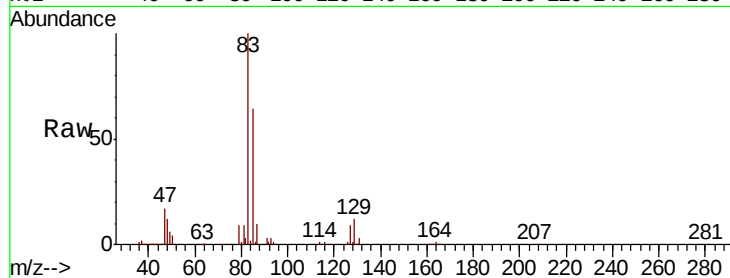
Tot Ion: 83 Resp: 264099

Ion Ratio Lower Upper

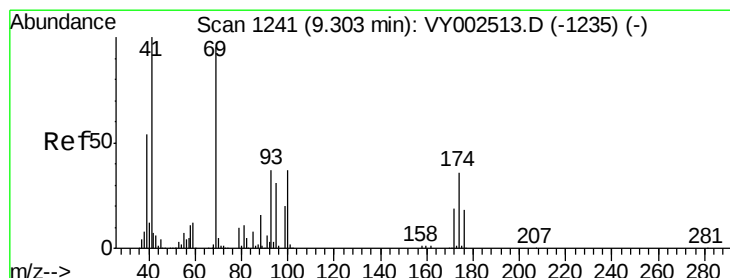
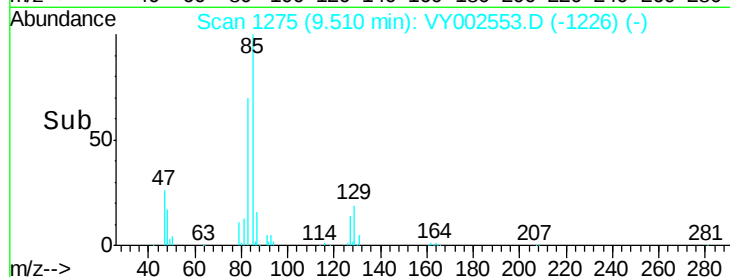
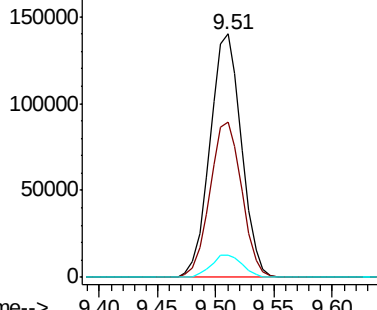
83 100

85 64.0 51.8 77.8

127 9.0 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0
Ion 126.80 (126.50 to 127.50): VY0



#48

Methyl methacrylate

Concen: 55.863 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. -0.00 min

Lab File: VY002553.D

Acq: 04 May 2020 20:07

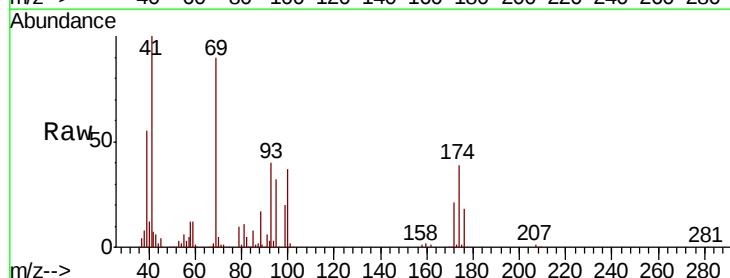
Tgt Ion: 41 Resp: 122814

Ion Ratio Lower Upper

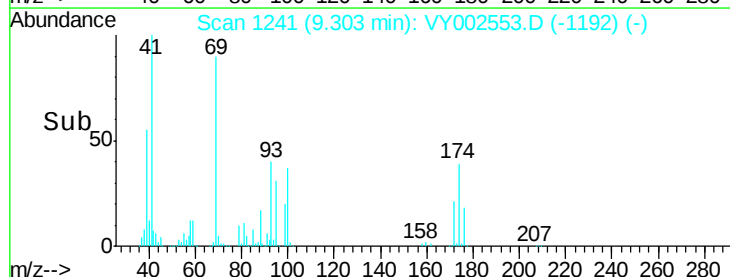
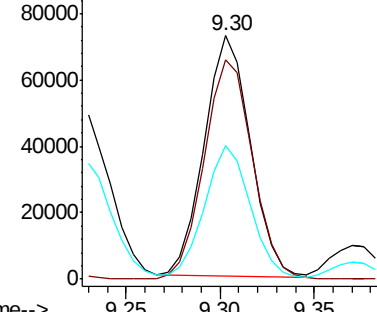
41 100

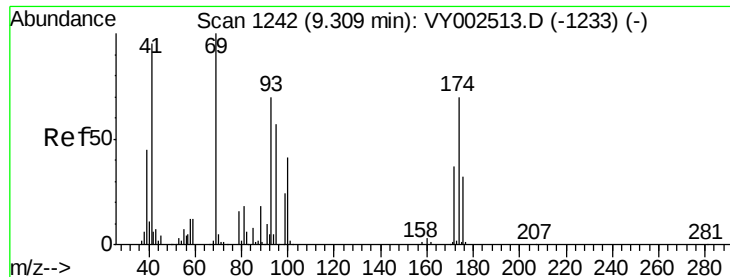
69 96.2 76.2 114.4

39 56.1 42.7 64.1



Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 39.00 (38.70 to 39.70): VY0

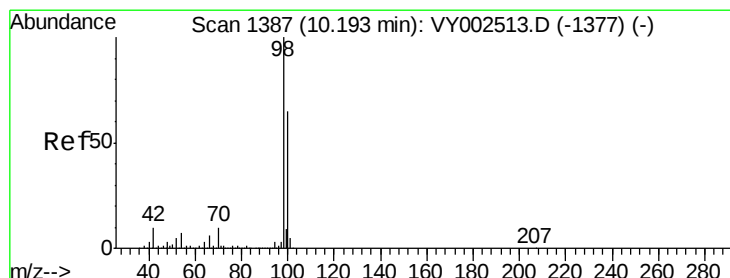
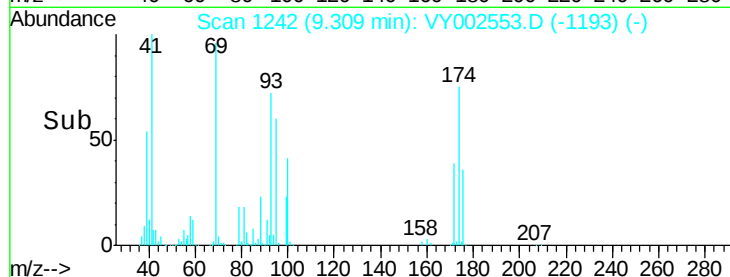
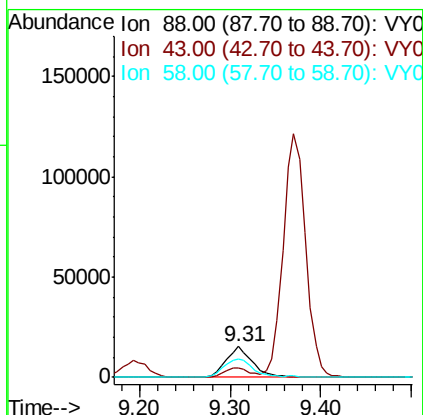
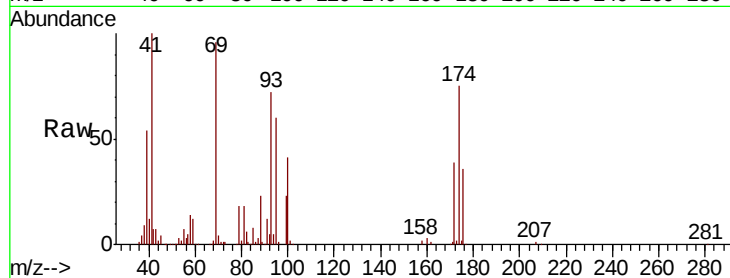




#49
1,4-Dioxane
Concen: 1157.993 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. -0.00 min
Lab File: VY002553.D
Acq: 04 May 2020 20:07

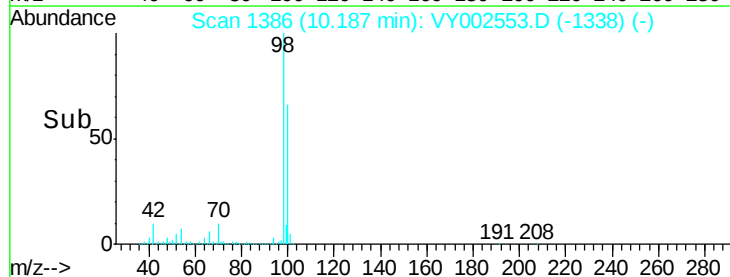
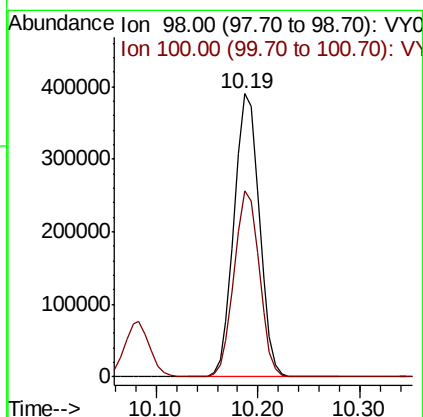
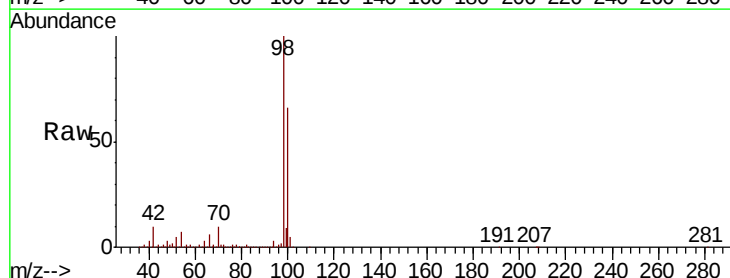
Instrument :
MSVOA_Y
ClientSampleId :

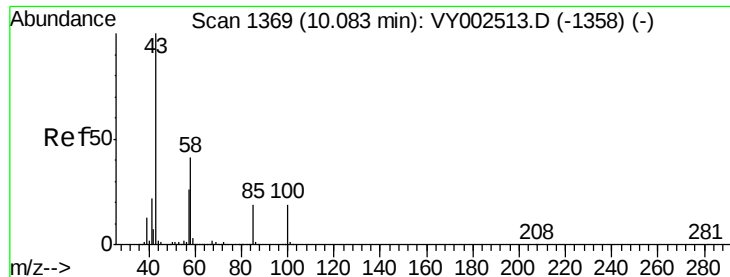
Tot Ion: 88 Resp: 31007
Ion Ratio Lower Upper
88 100
43 29.4 22.8 34.2
58 64.8 51.4 77.2



#50
Toluene-d8
Concen: 49.734 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.01 min
Lab File: VY002553.D
Acq: 04 May 2020 20:07

Tgt Ion: 98 Resp: 668118
Ion Ratio Lower Upper
98 100
100 65.4 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 280.677 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. -0.01 min

Lab File: VY002553.D

Acq: 04 May 2020 20:07

Instrument :

MSVOA_Y

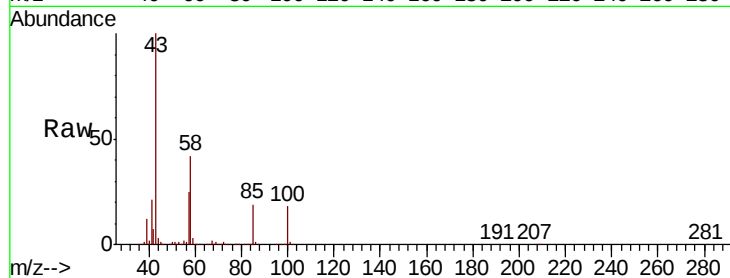
ClientSampled :

Tot Ion: 43 Resp: 702789

Ion Ratio Lower Upper

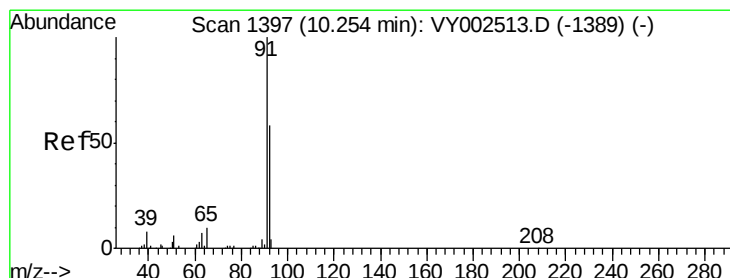
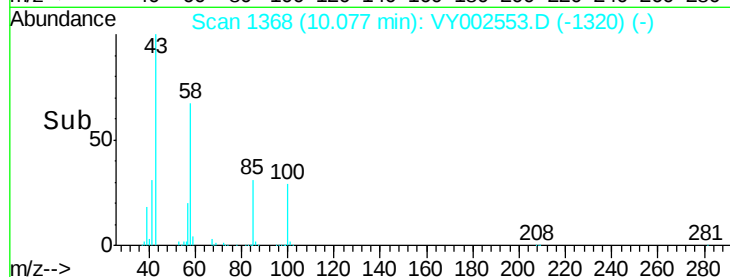
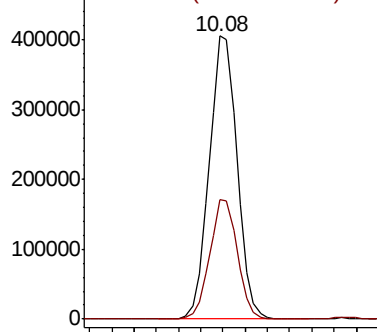
43 100

58 41.9 33.2 49.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#52

Toluene

Concen: 53.136 ug/l

RT: 10.25 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VY002553.D

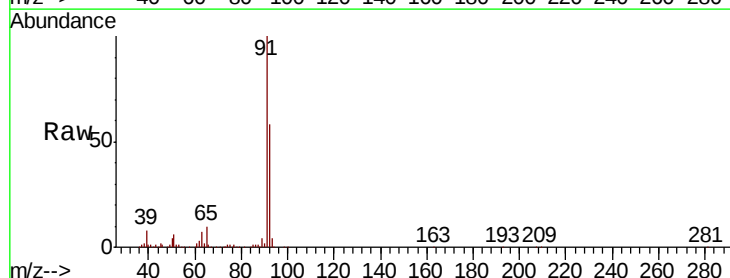
Acq: 04 May 2020 20:07

Tgt Ion: 92 Resp: 497347

Ion Ratio Lower Upper

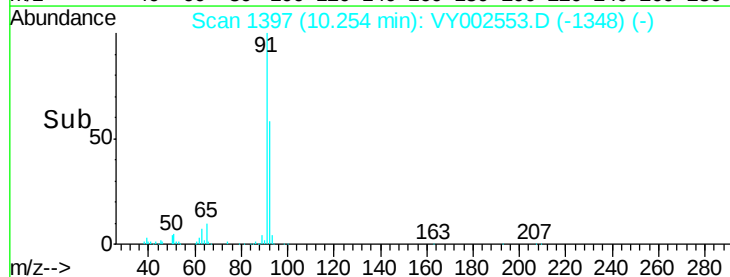
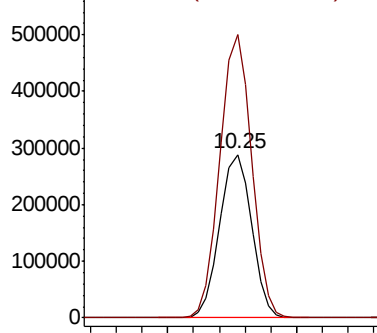
92 100

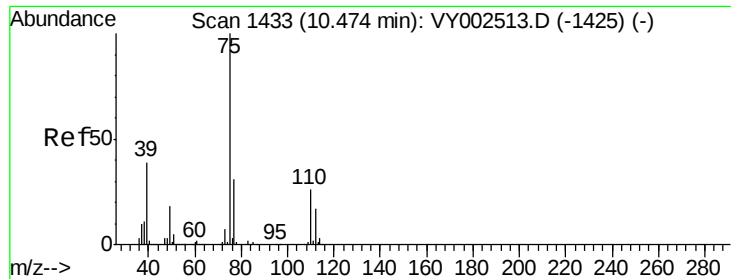
91 171.0 139.3 208.9



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0





#53

t-1,3-Dichloropropene

Concen: 53.840 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. -0.00 min

Lab File: VY002553.D

Acq: 04 May 2020 20:07

Instrument :

MSVOA_Y

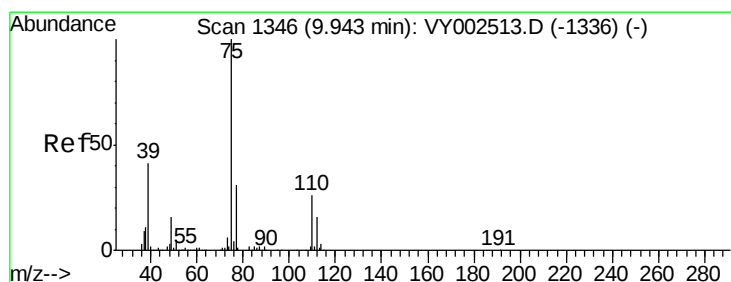
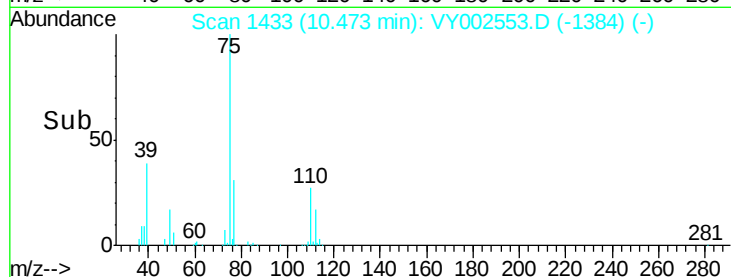
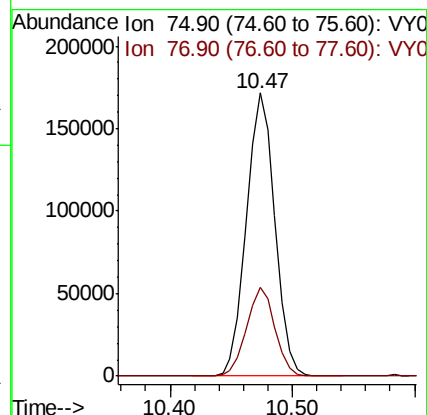
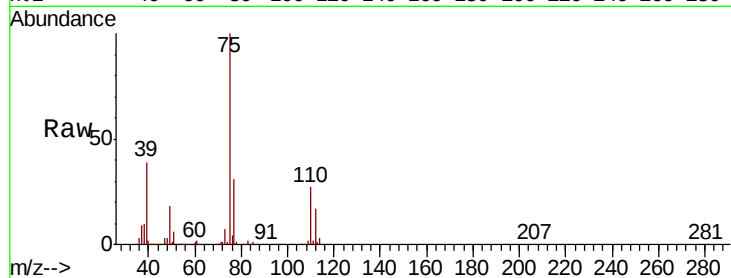
ClientSampleId :

Tot Ion: 75 Resp: 277396

Ion Ratio Lower Upper

75 100

77 31.4 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 53.038 ug/l

RT: 9.94 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VY002553.D

Acq: 04 May 2020 20:07

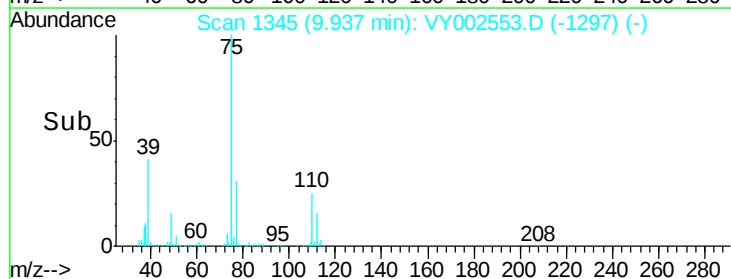
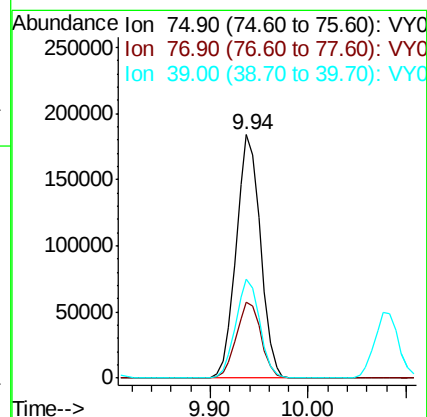
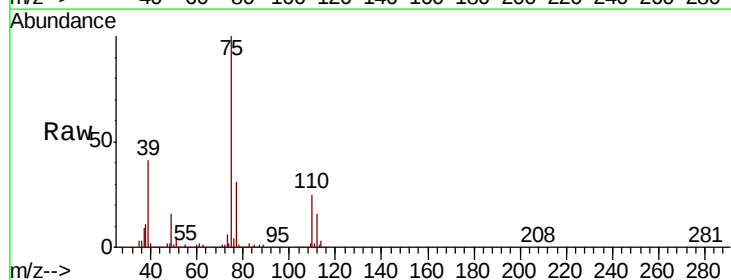
Tgt Ion: 75 Resp: 315908

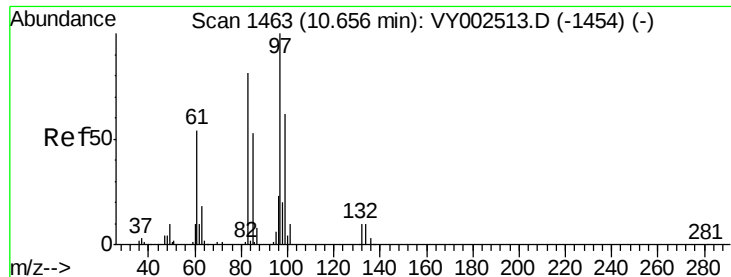
Ion Ratio Lower Upper

75 100

77 31.4 25.1 37.7

39 40.7 32.7 49.1

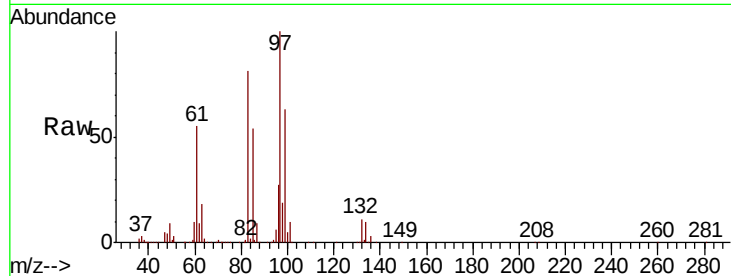




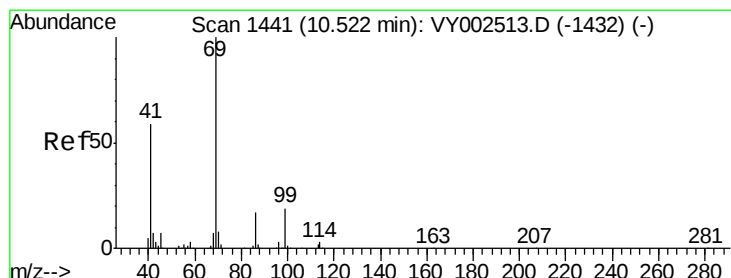
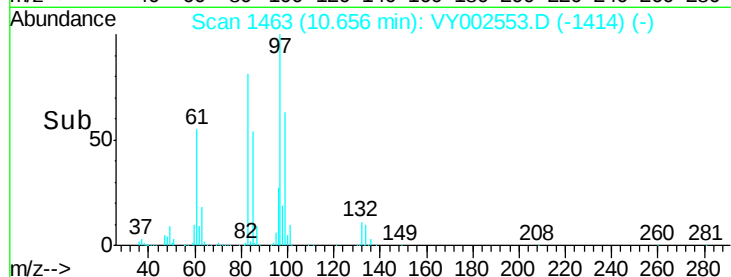
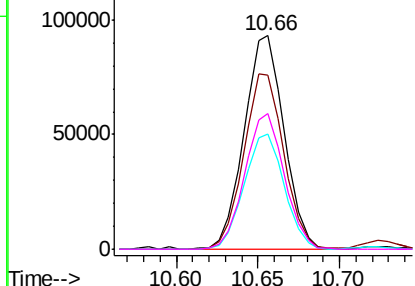
#55
 1,1,2-Trichloroethane
 Concen: 53.535 ug/l
 RT: 10.66 min Scan# 1463
 Delta R.T. -0.00 min
 Lab File: VY002553.D
 Acq: 04 May 2020 20:07

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:	97	Resp:	157883
Ion	Ratio	Lower	Upper
97	100		
83	81.5	65.1	97.7
85	54.2	42.7	64.1
99	63.4	50.0	75.0

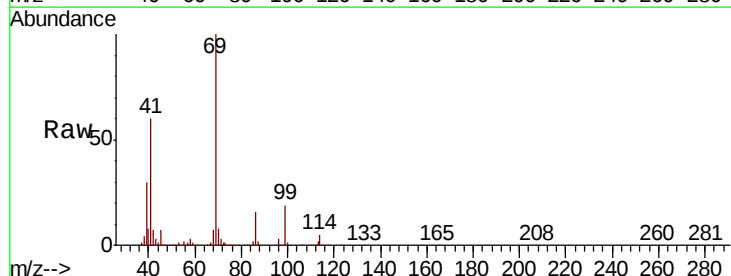


Abundance Ion 96.90 (96.60 to 97.60): VY0
 Ion 82.90 (82.60 to 83.60): VY0
 Ion 84.90 (84.60 to 85.60): VY0
 Ion 98.90 (98.60 to 99.60): VY0

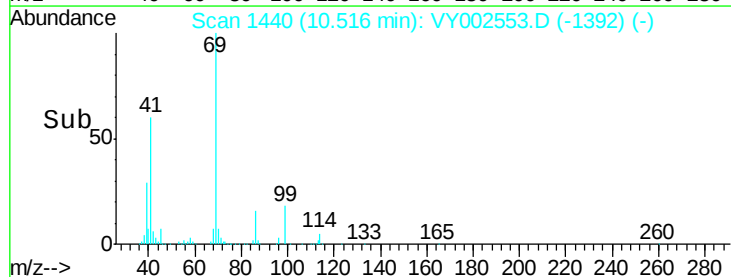
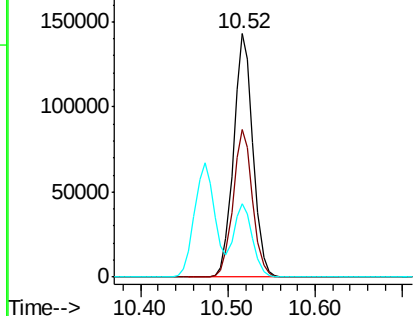


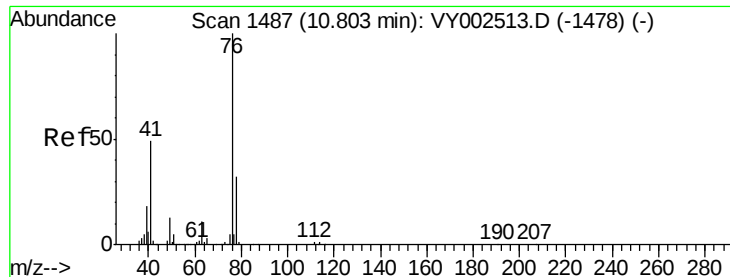
#56
 Ethyl methacrylate
 Concen: 56.378 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: VY002553.D
 Acq: 04 May 2020 20:07

Tgt Ion:	69	Resp:	221186
Ion	Ratio	Lower	Upper
69	100		
41	60.6	48.6	73.0
39	28.9	25.0	37.4



Abundance Ion 69.00 (68.70 to 69.70): VY0
 Ion 41.00 (40.70 to 41.70): VY0
 Ion 39.00 (38.70 to 39.70): VY0





#57

1,3-Dichloropropane

Concen: 54.132 ug/l

RT: 10.80 min Scan# 1486

Delta R.T. -0.01 min

Lab File: VY002553.D

Acq: 04 May 2020 20:07

Instrument :

MSVOA_Y

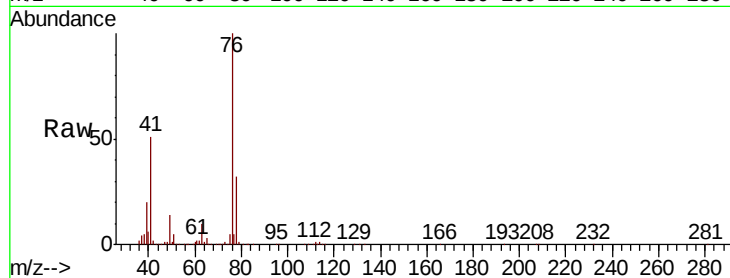
ClientSampleId :

Tot Ion: 76 Resp: 270731

Ion Ratio Lower Upper

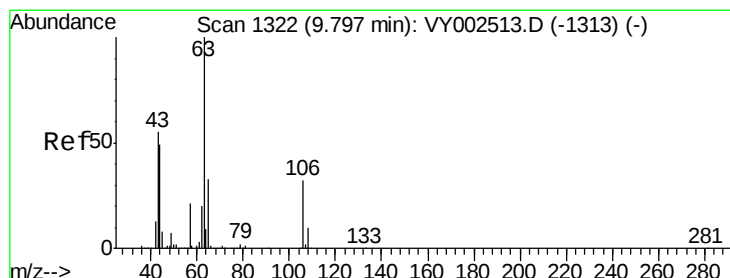
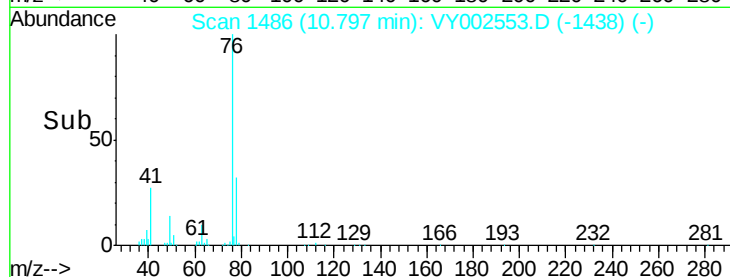
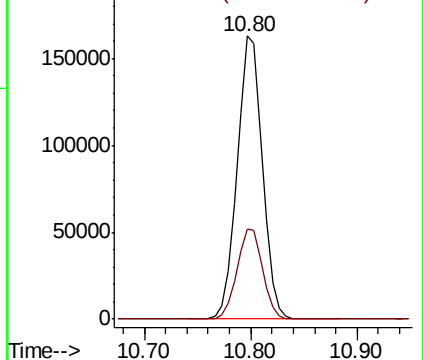
76 100

78 32.3 25.4 38.2



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 269.976 ug/l

RT: 9.79 min Scan# 1321

Delta R.T. -0.01 min

Lab File: VY002553.D

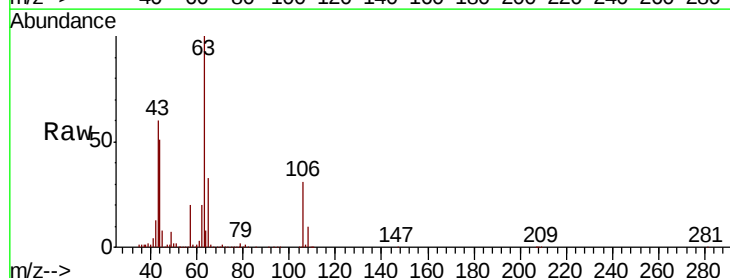
Acq: 04 May 2020 20:07

Tgt Ion: 63 Resp: 558568

Ion Ratio Lower Upper

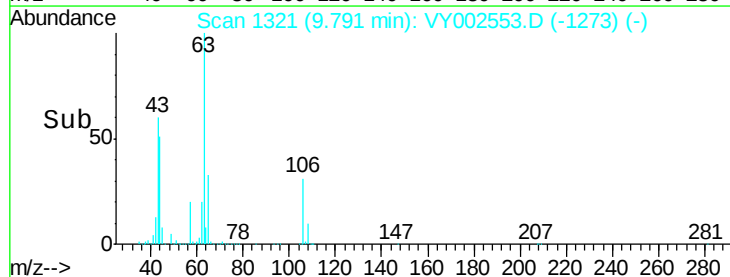
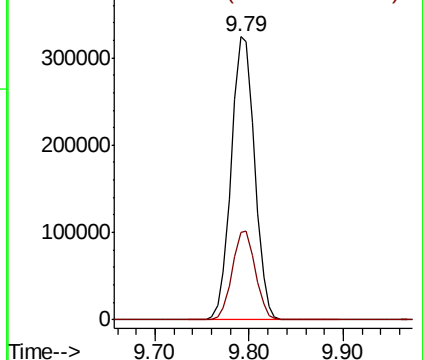
63 100

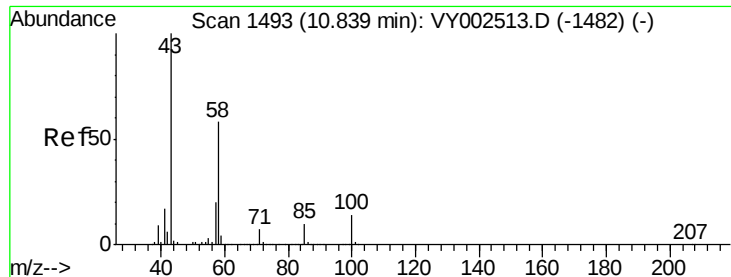
106 31.0 25.2 37.8



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

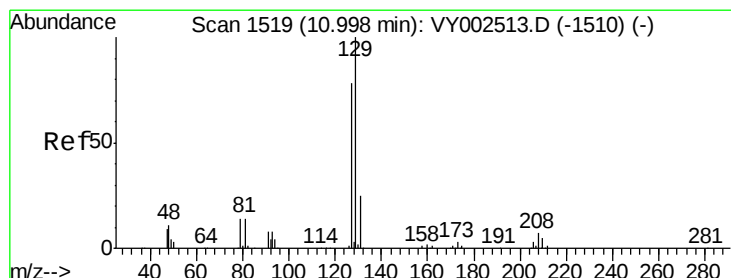
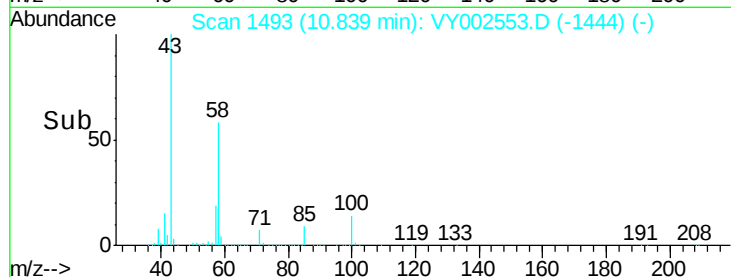
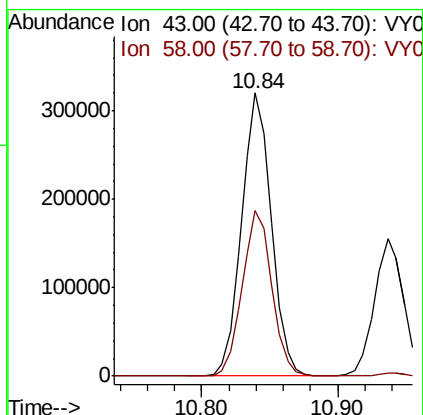
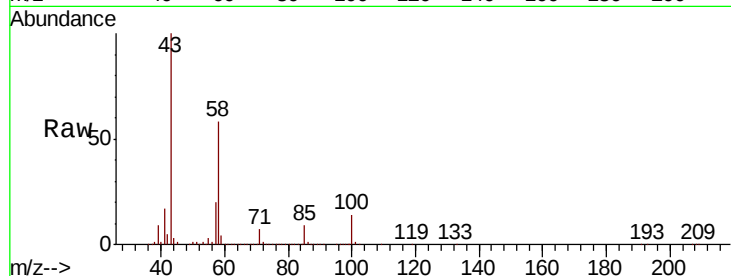




#59
2-Hexanone
Concen: 283.502 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VY002553.D
Acq: 04 May 2020 20:07

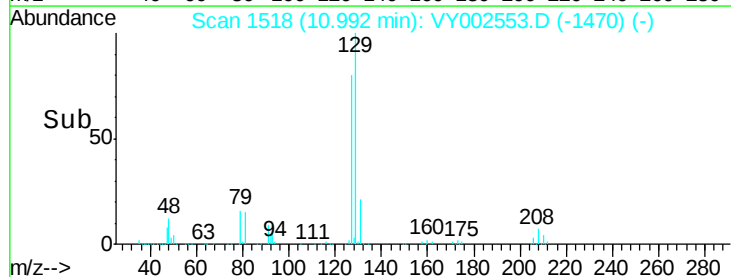
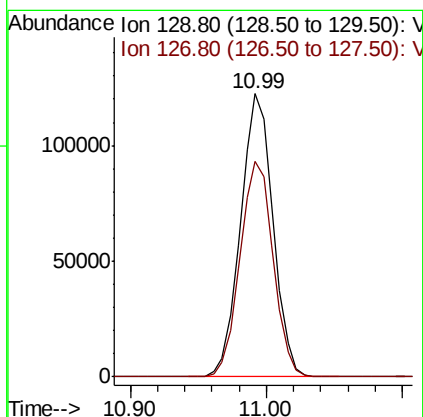
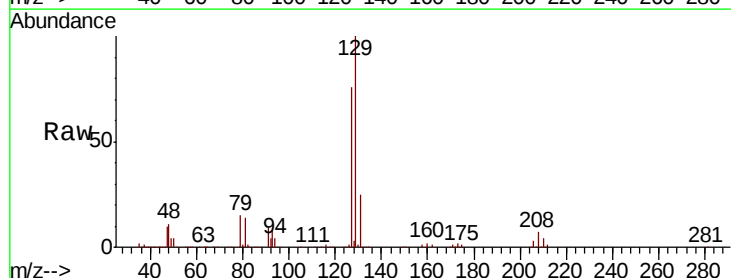
Instrument :
MSVOA_Y
ClientSampleId :

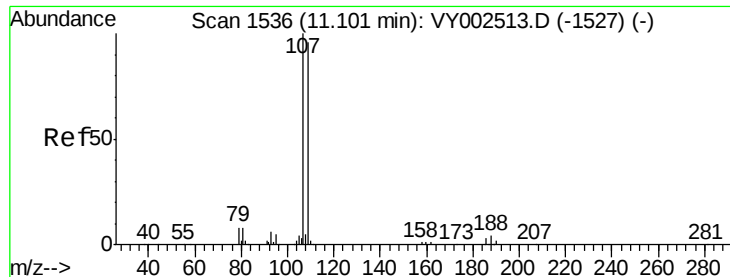
Tot Ion: 43 Resp: 488576
Ion Ratio Lower Upper
43 100
58 58.1 29.1 87.3



#60
Dibromochloromethane
Concen: 54.350 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. -0.01 min
Lab File: VY002553.D
Acq: 04 May 2020 20:07

Tgt Ion: 129 Resp: 203862
Ion Ratio Lower Upper
129 100
127 77.5 39.0 117.0

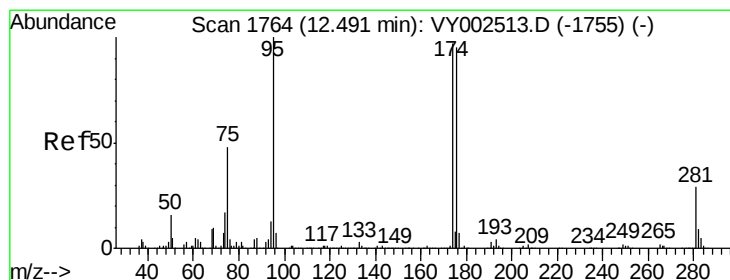
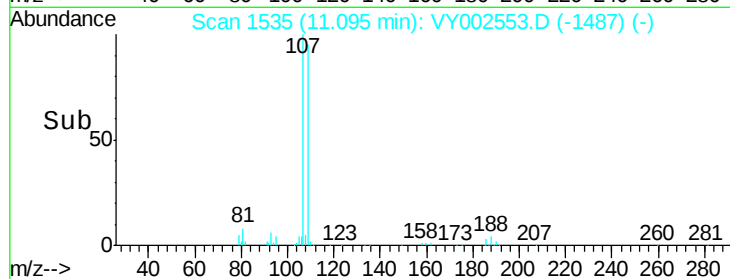
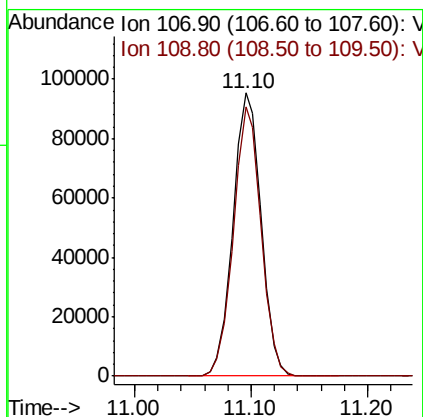
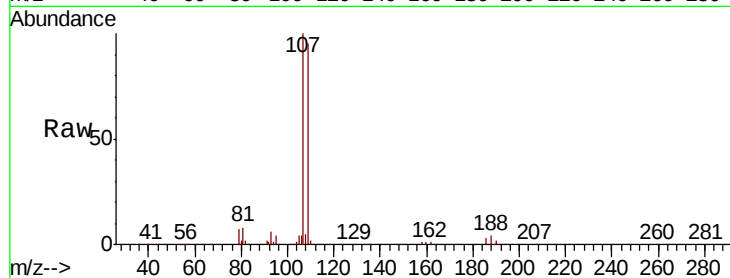




#61
 1,2-Dibromoethane
 Concen: 54.890 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. -0.01 min
 Lab File: VY002553.D
 Acq: 04 May 2020 20:07

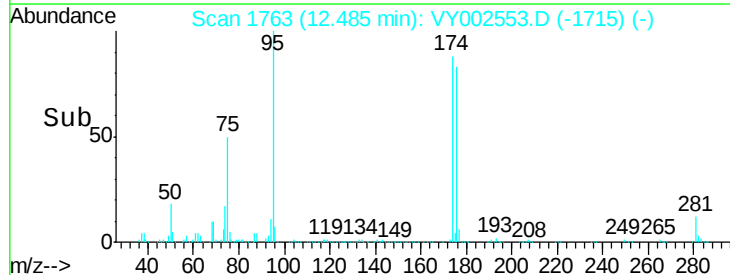
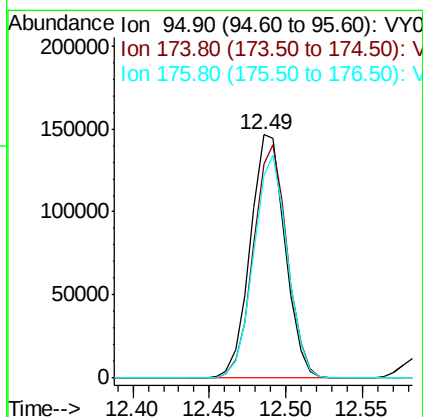
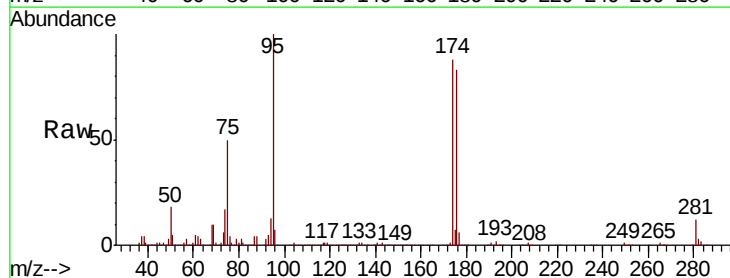
Instrument :
 MSVOA_Y
 ClientSampled :

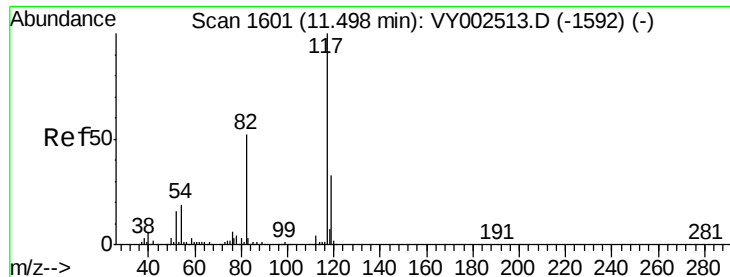
Tot Ion: 107 Resp: 160286
 Ion Ratio Lower Upper
 107 100
 109 93.8 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 50.552 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. -0.01 min
 Lab File: VY002553.D
 Acq: 04 May 2020 20:07

Tgt Ion: 95 Resp: 230437
 Ion Ratio Lower Upper
 95 100
 174 93.4 0.0 188.8
 176 89.5 0.0 183.2

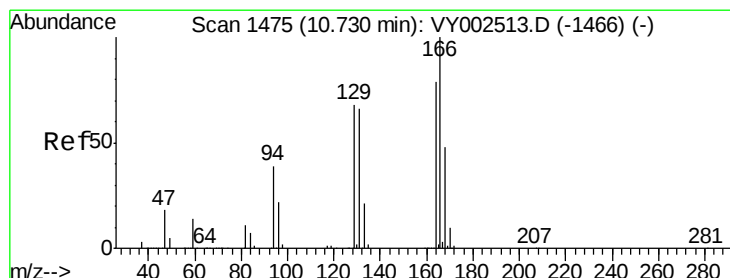
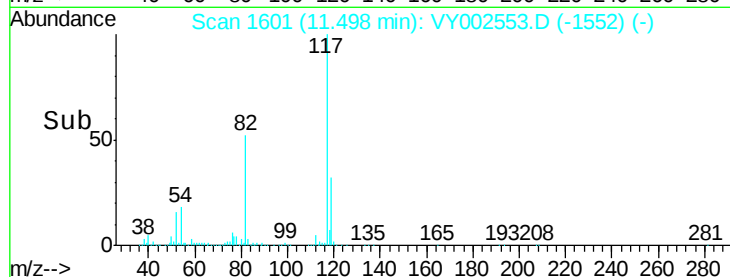
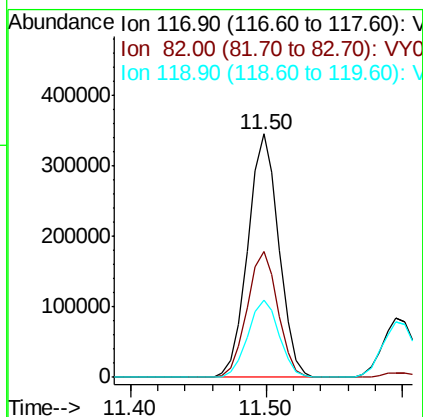
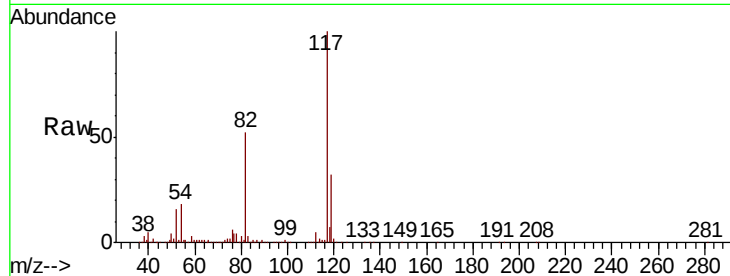




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY002553.D
Acq: 04 May 2020 20:07

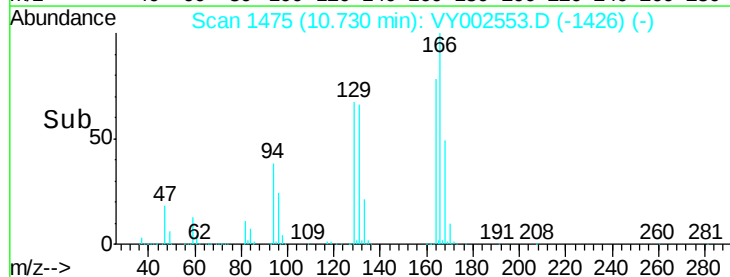
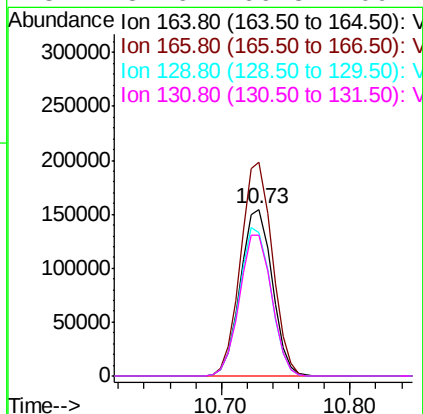
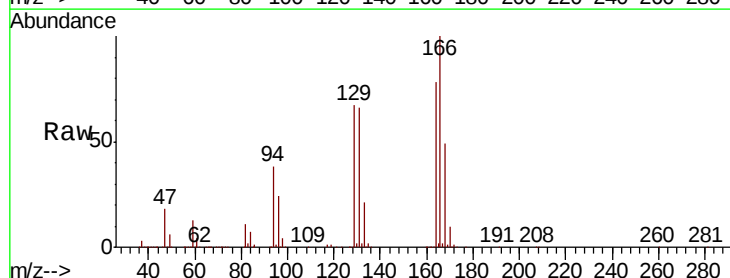
Instrument :
MSVOA_Y
ClientSampled :

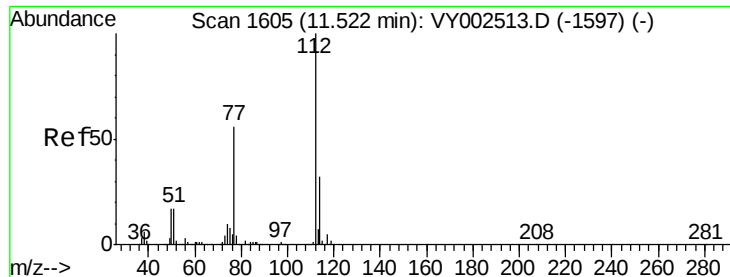
Tot Ion	Ratio	Lower	Upper
117	100		
82	51.9	41.3	61.9
119	31.7	26.0	39.0



#64
Tetrachloroethene
Concen: 54.200 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. -0.00 min
Lab File: VY002553.D
Acq: 04 May 2020 20:07

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.9	100.7	151.1
129	86.1	68.3	102.5
131	84.6	66.8	100.2

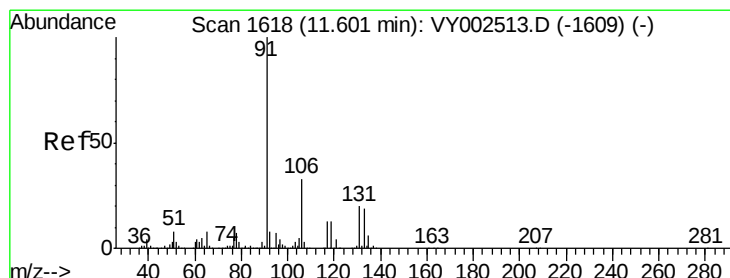
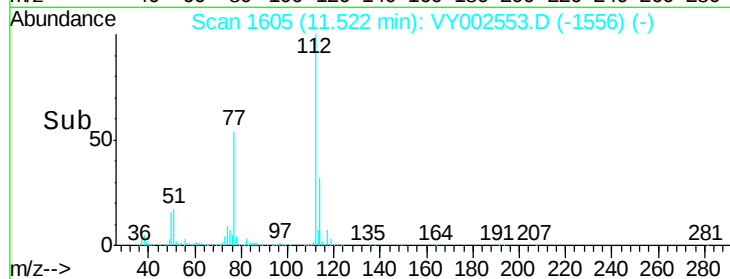
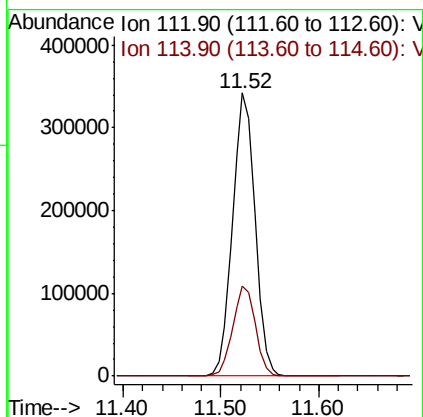
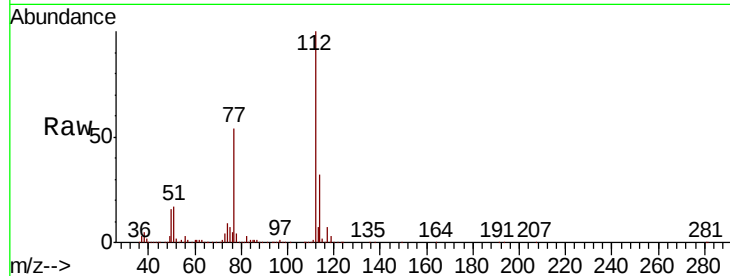




#65
Chlorobenzene
Concen: 52.287 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. -0.00 min
Lab File: VY002553.D
Acq: 04 May 2020 20:07

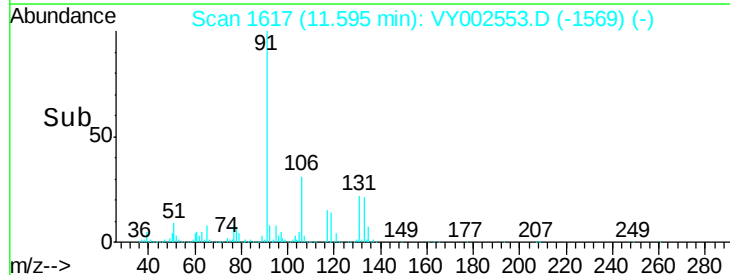
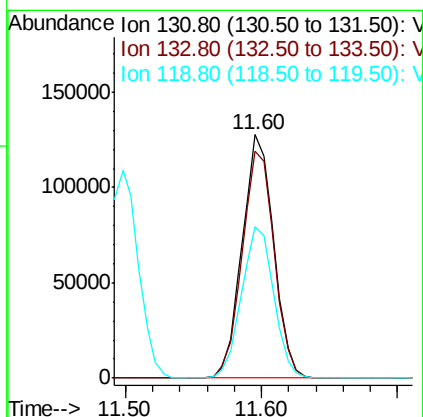
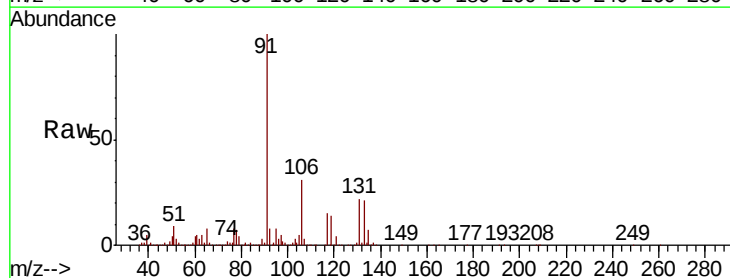
Instrument :
MSVOA_Y
ClientSampleId :

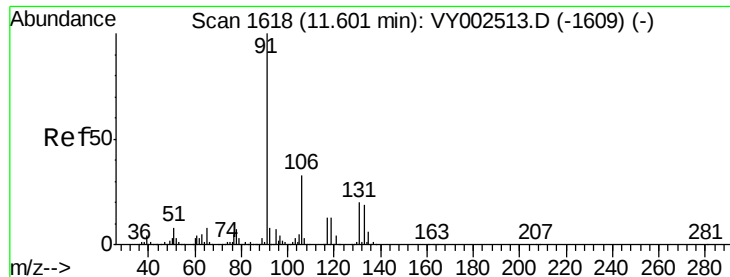
Tot Ion:112 Resp: 545396
Ion Ratio Lower Upper
112 100
114 32.0 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 53.458 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY002553.D
Acq: 04 May 2020 20:07

Tgt Ion:131 Resp: 206989
Ion Ratio Lower Upper
131 100
133 95.1 48.1 144.4
119 63.7 31.6 95.0

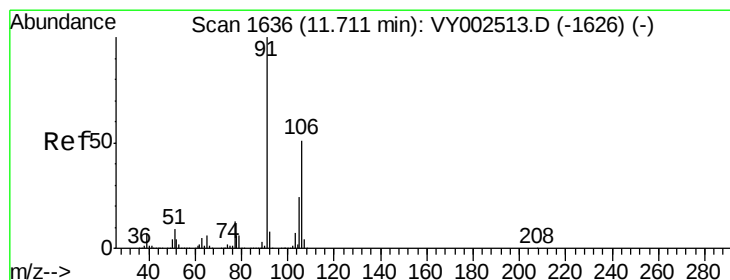
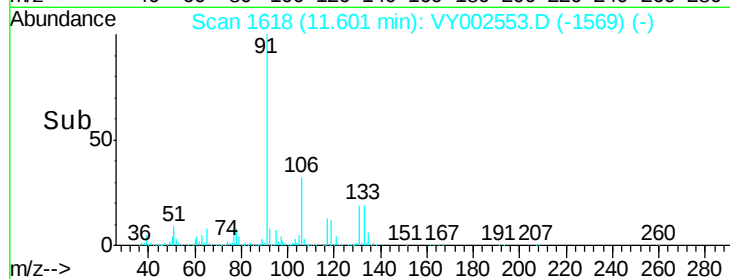
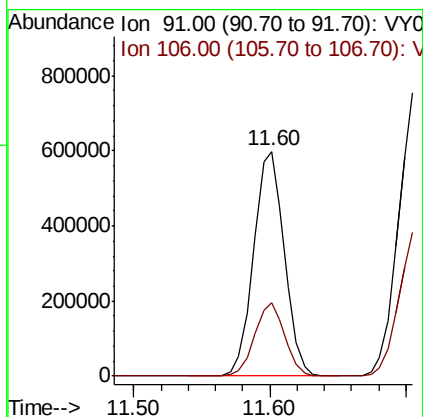
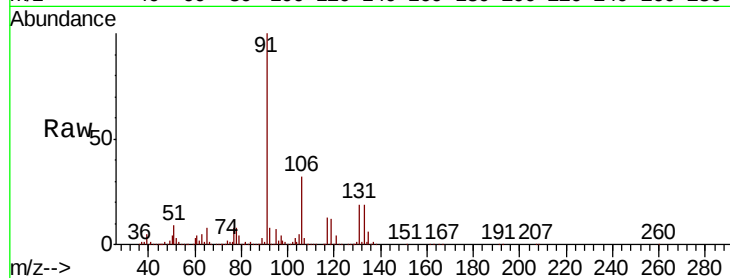




#67
Ethyl Benzene
Concen: 51.683 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VY002553.D
Acq: 04 May 2020 20:07

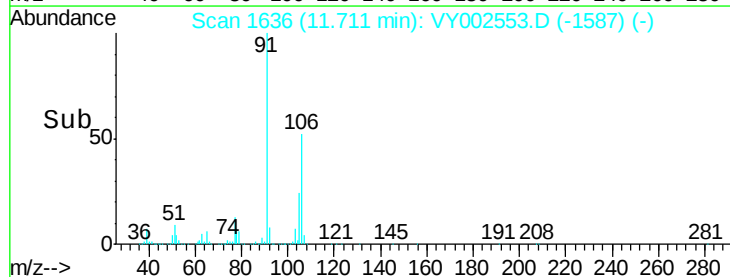
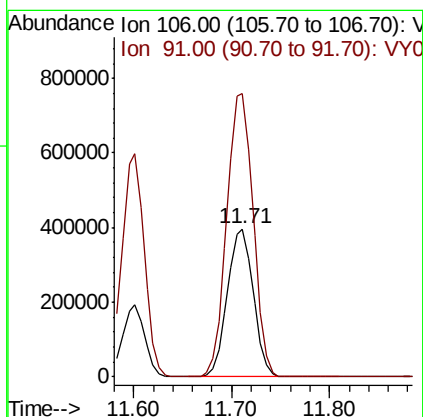
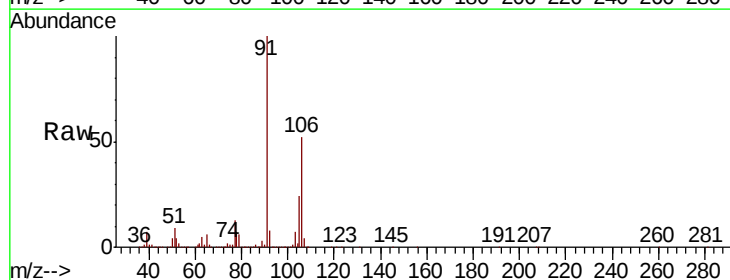
Instrument :
MSVOA_Y
ClientSampled :

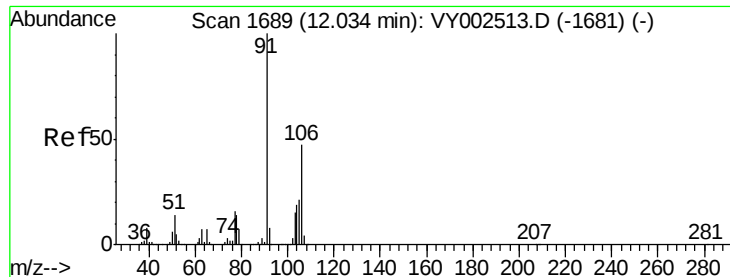
Tot Ion: 91 Resp: 946974
Ion Ratio Lower Upper
91 100
106 32.4 26.1 39.1



#68
m/p-Xylenes
Concen: 102.534 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VY002553.D
Acq: 04 May 2020 20:07

Tgt Ion: 106 Resp: 726906
Ion Ratio Lower Upper
106 100
91 195.5 155.2 232.8

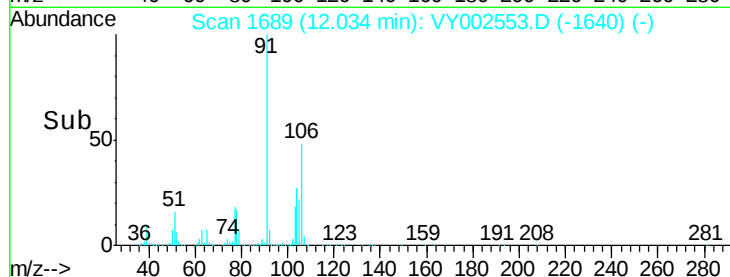
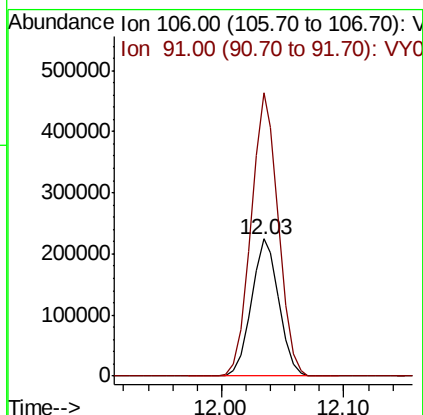
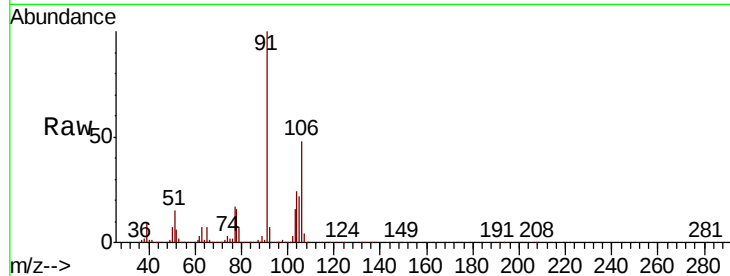




#69
o-Xylene
Concen: 52.567 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VY002553.D
Acq: 04 May 2020 20:07

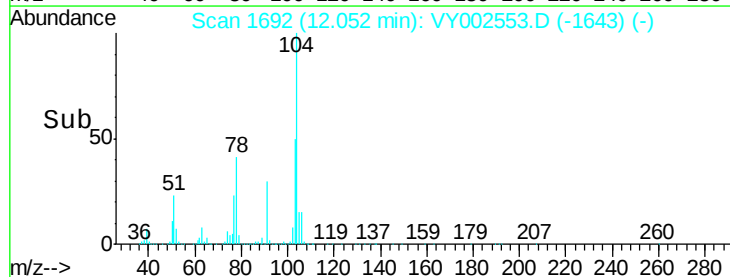
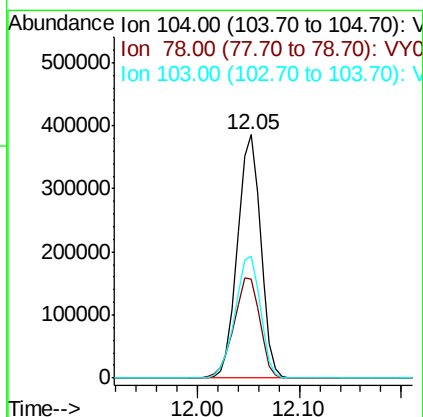
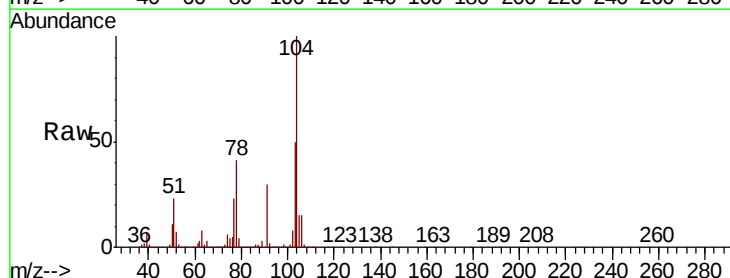
Instrument :
MSVOA_Y
ClientSampleId :

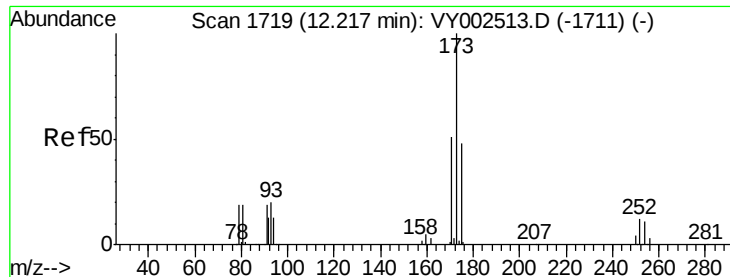
Tot Ion:106 Resp: 348939
Ion Ratio Lower Upper
106 100
91 205.0 103.8 311.3



#70
Styrene
Concen: 53.292 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VY002553.D
Acq: 04 May 2020 20:07

Tgt Ion:104 Resp: 604749
Ion Ratio Lower Upper
104 100
78 45.9 37.4 56.0
103 54.6 43.9 65.9





#71

Bromoform

Concen: 54.731 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. -0.00 min

Lab File: VY002553.D

Acq: 04 May 2020 20:07

Instrument :

MSVOA_Y

ClientSampled :

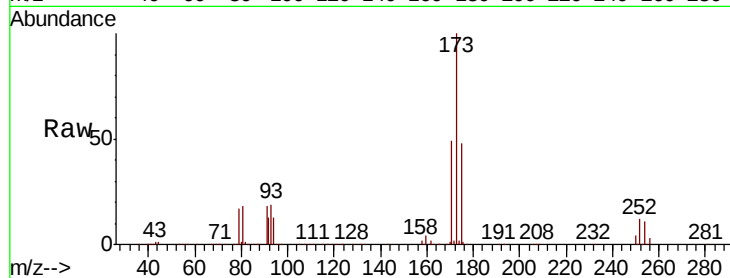
Tot Ion:173 Resp: 131530

Ion Ratio Lower Upper

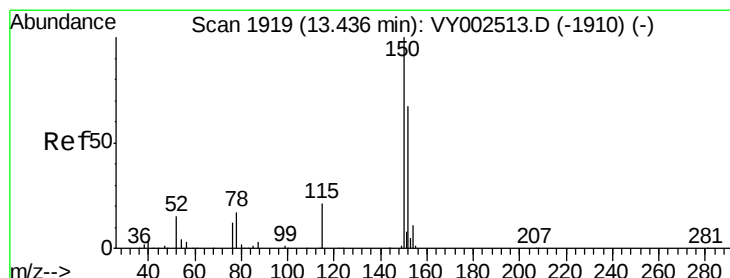
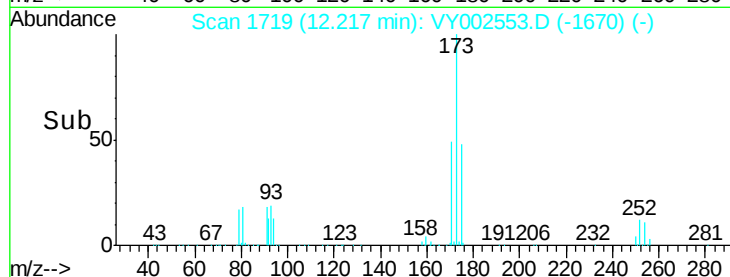
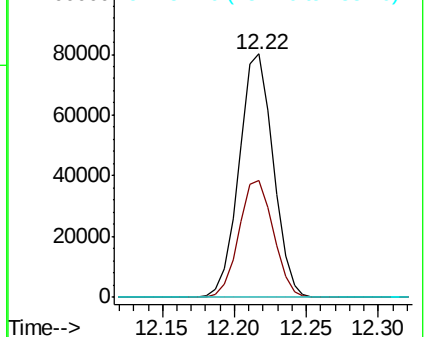
173 100

175 48.8 24.3 72.8

254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. -0.01 min

Lab File: VY002553.D

Acq: 04 May 2020 20:07

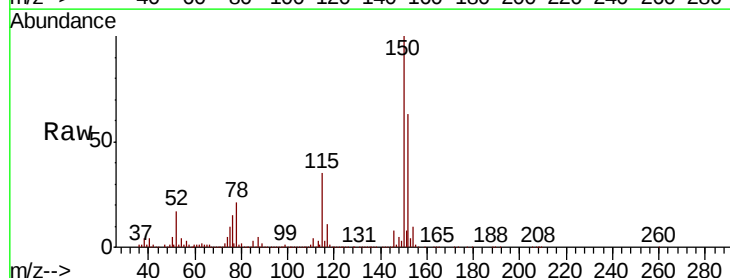
Tgt Ion:152 Resp: 280473

Ion Ratio Lower Upper

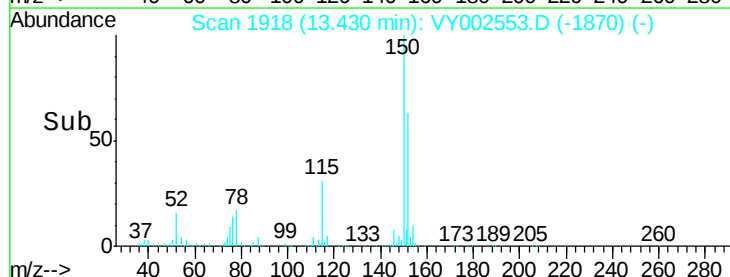
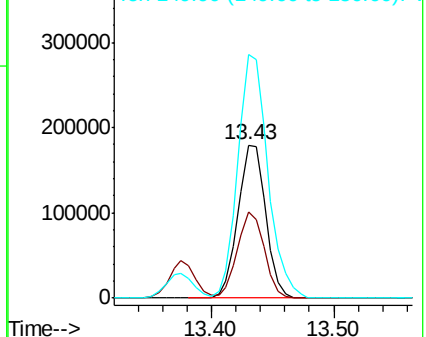
152 100

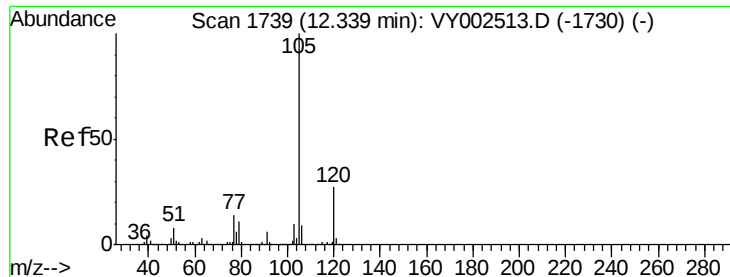
115 54.4 27.5 82.4

150 173.2 0.0 346.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.816 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. -0.00 min

Lab File: VY002553.D

Acq: 04 May 2020 20:07

Instrument :

MSVOA_Y

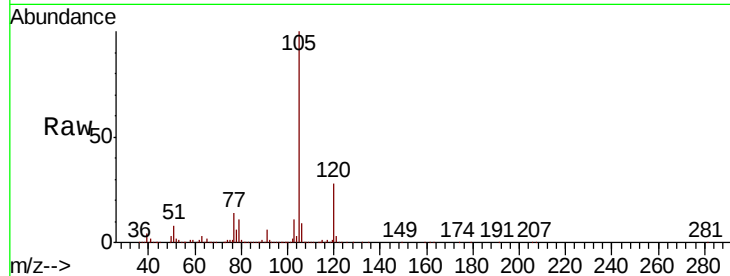
ClientSampleId :

Tot Ion:105 Resp: 923707

Ion Ratio Lower Upper

105 100

120 27.6 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.34

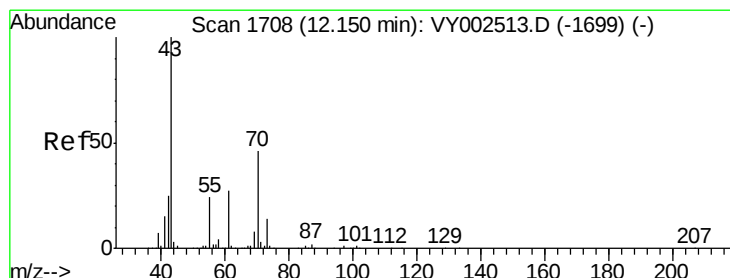
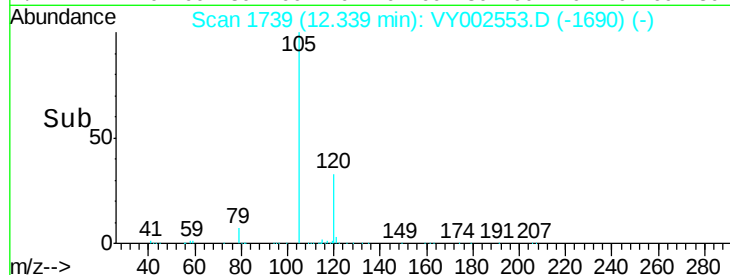
600000

400000

200000

0

Time-->



#74

N-ethyl acetate

Concen: 55.620 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. -0.00 min

Lab File: VY002553.D

Acq: 04 May 2020 20:07

Tgt Ion: 43 Resp: 243206

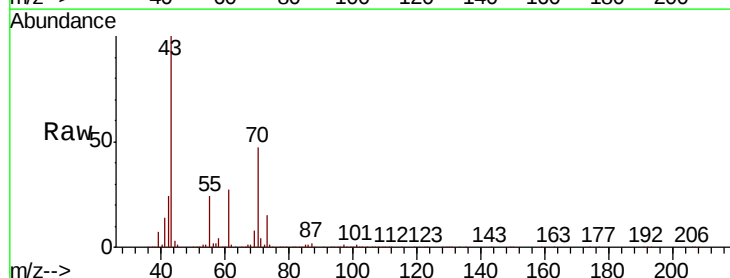
Ion Ratio Lower Upper

43 100

70 47.1 36.7 55.1

55 24.6 19.2 28.8

61 26.3 21.1 31.7



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

250000

200000

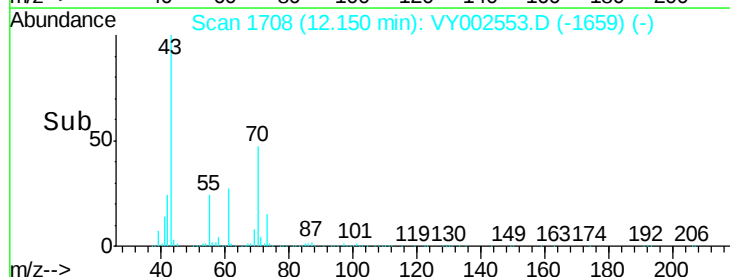
150000

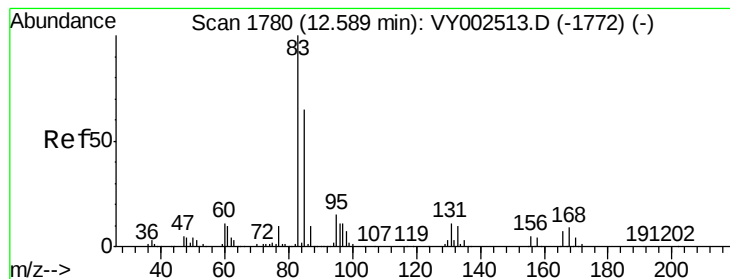
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 51.773 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. -0.00 min

Lab File: VY002553.D

Acq: 04 May 2020 20:07

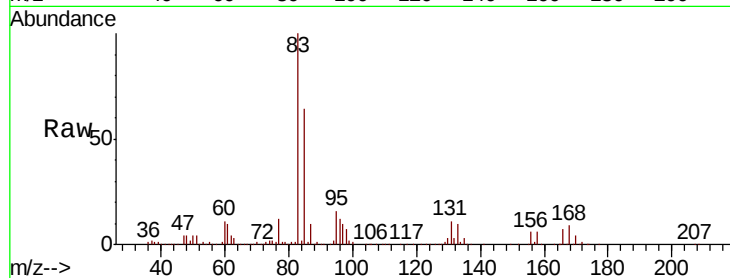
Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 83 Resp: 149667

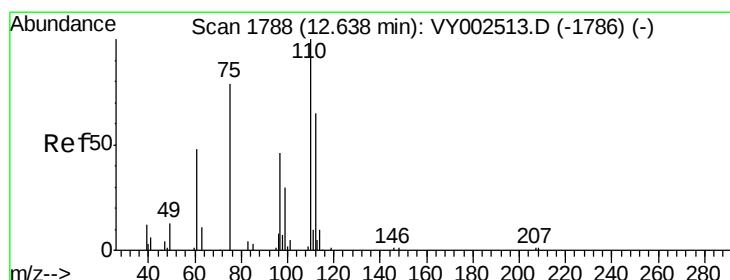
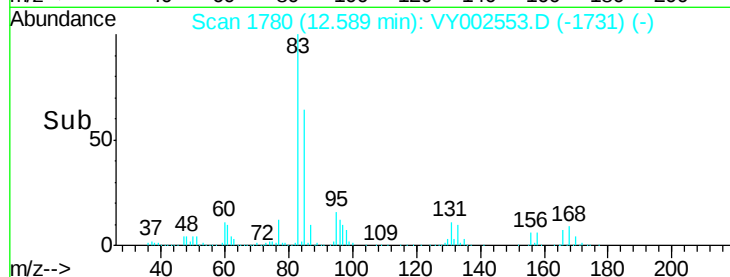
Ion	Ratio	Lower	Upper
83	100		
131	11.5	5.9	17.8
85	63.9	31.9	95.9



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 95.490 ug/l

RT: 12.64 min Scan# 1788

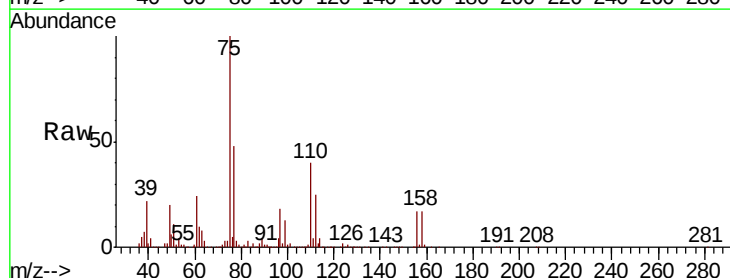
Delta R.T. -0.00 min

Lab File: VY002553.D

Acq: 04 May 2020 20:07

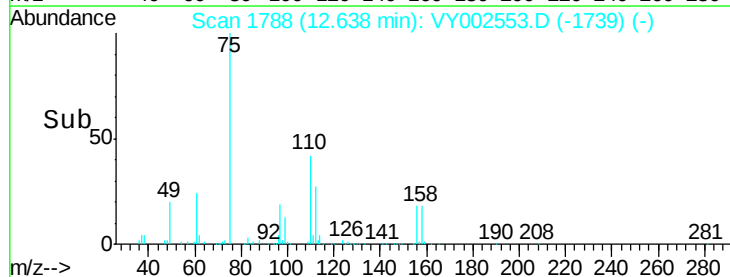
Tgt Ion: 75 Resp: 238007

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 52.528 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VY002553.D

Acq: 04 May 2020 20:07

Instrument :

MSVOA_Y

ClientSampleId :

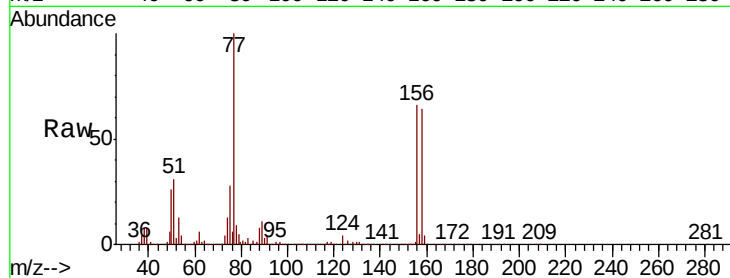
Tot Ion:156 Resp: 238551

Ion Ratio Lower Upper

156 100

77 165.7 82.0 245.8

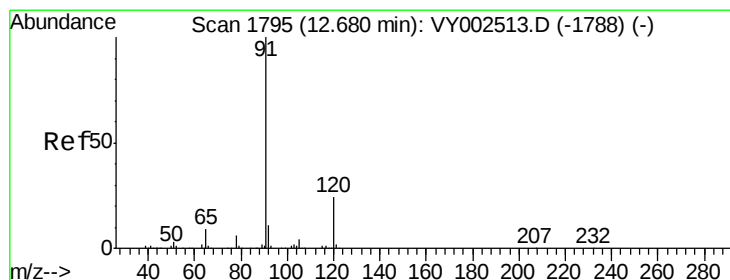
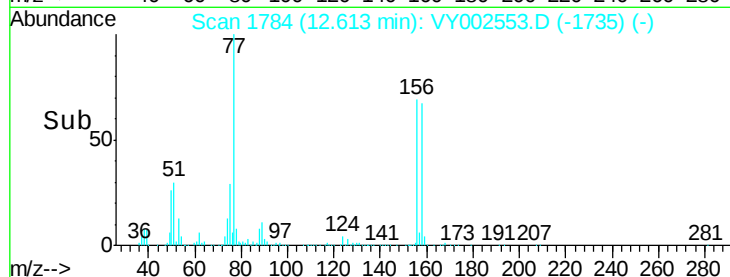
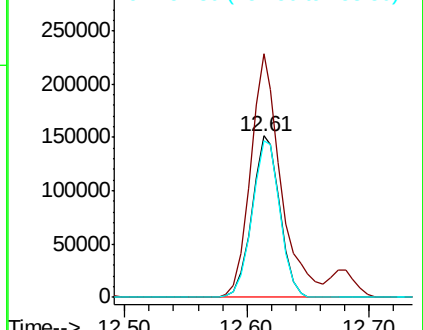
158 97.5 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.396 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.01 min

Lab File: VY002553.D

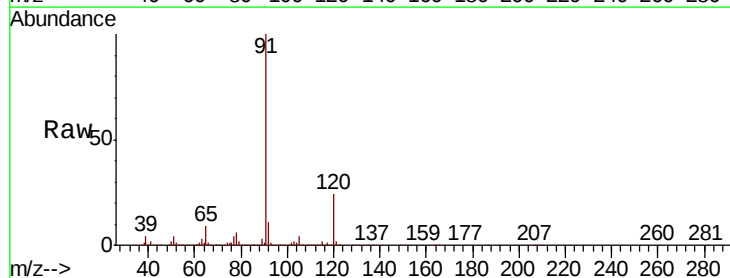
Acq: 04 May 2020 20:07

Tgt Ion: 91 Resp: 1063079

Ion Ratio Lower Upper

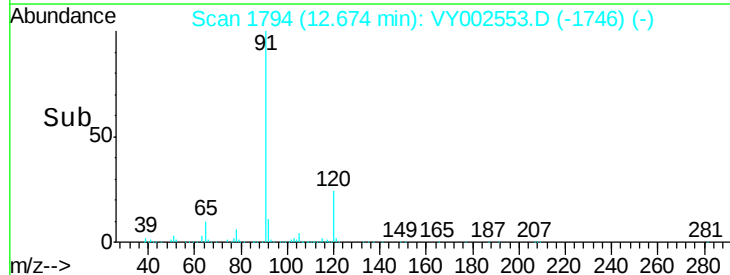
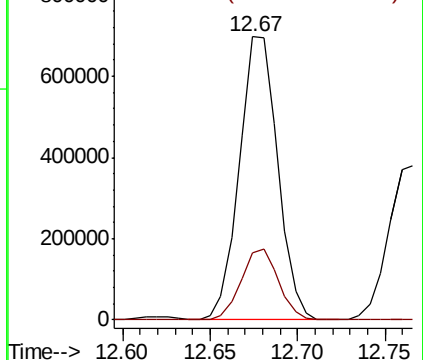
91 100

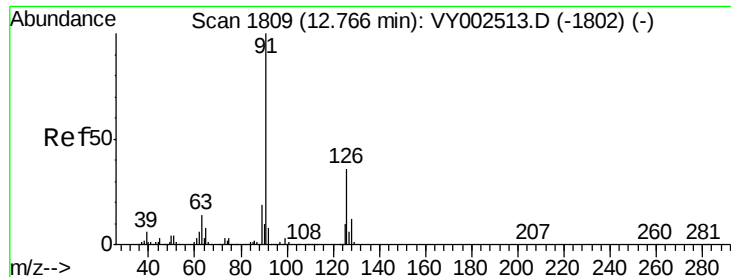
120 24.5 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

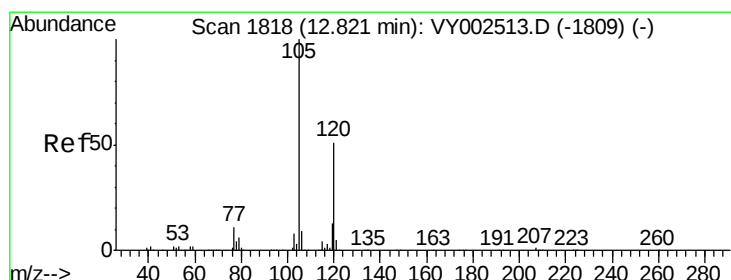
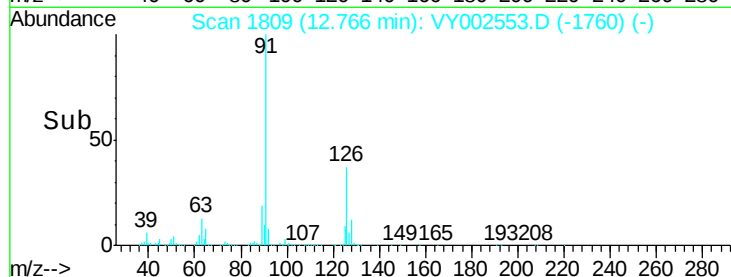
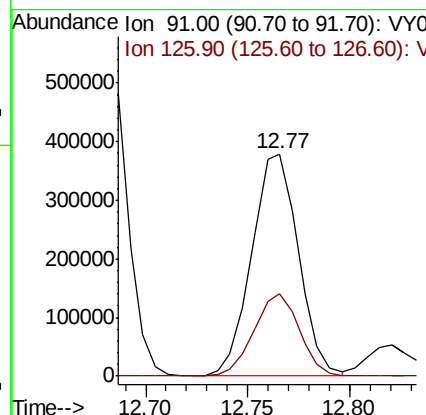
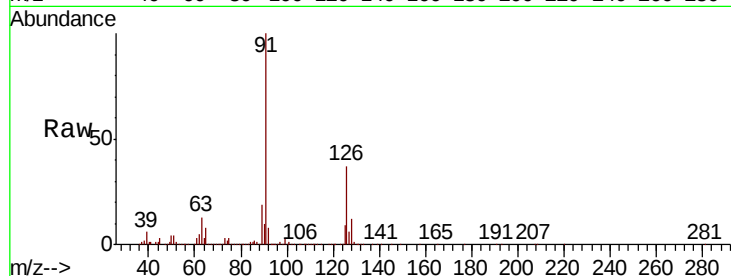




#79
 2-Chlorotoluene
 Concen: 51.565 ug/l
 RT: 12.77 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VY002553.D
 Acq: 04 May 2020 20:07

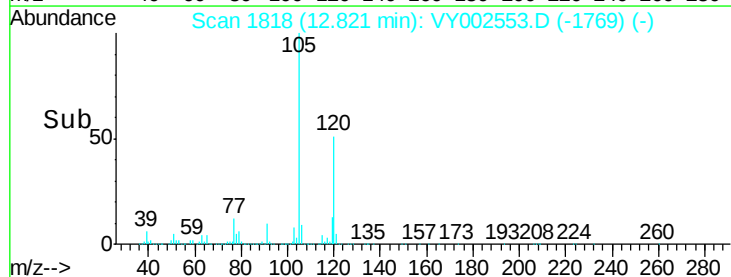
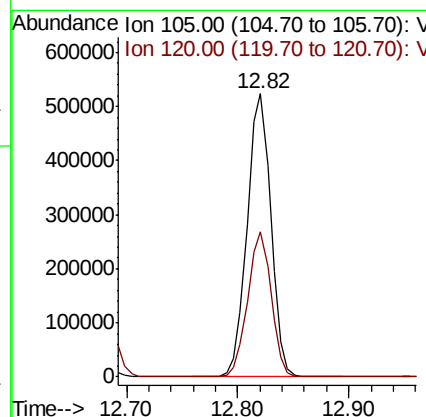
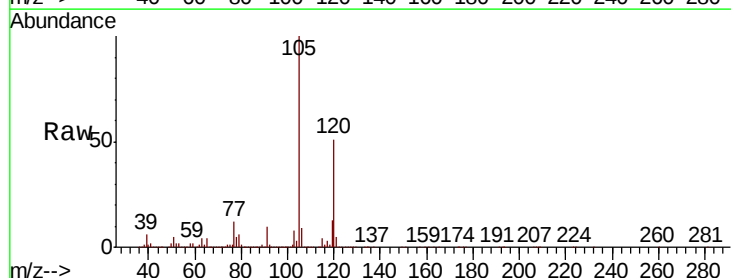
Instrument :
 MSVOA_Y
 ClientSampleId :

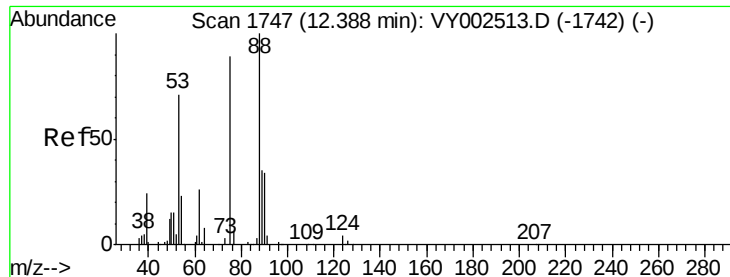
Tot Ion: 91 Resp: 602526
 Ion Ratio Lower Upper
 91 100
 126 36.4 18.4 55.2



#80
 1,3,5-Trimethylbenzene
 Concen: 51.232 ug/l
 RT: 12.82 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: VY002553.D
 Acq: 04 May 2020 20:07

Tgt Ion: 105 Resp: 771949
 Ion Ratio Lower Upper
 105 100
 120 50.7 25.3 75.9





#81

trans-1,4-Dichloro-2-butene

Concen: 51.979 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VY002553.D

Acq: 04 May 2020 20:07

Instrument :

MSVOA_Y

ClientSampleId :

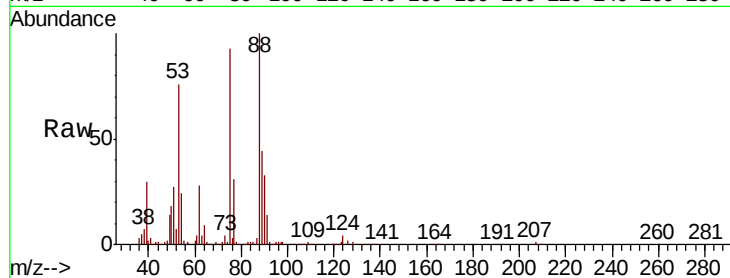
Tot Ion: 75 Resp: 64610

Ion Ratio Lower Upper

75 100

53 83.9 67.4 101.0

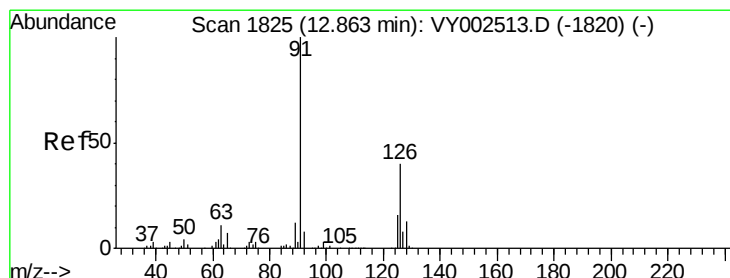
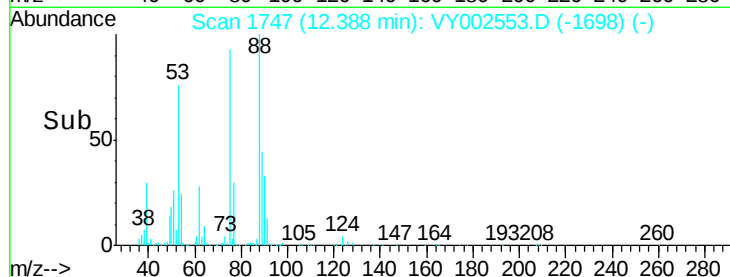
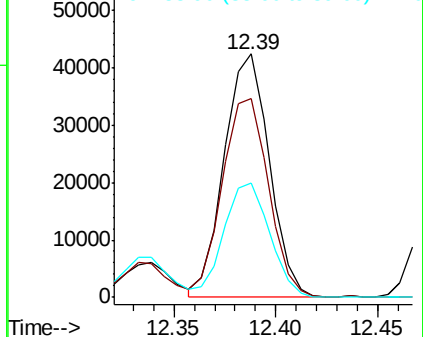
89 48.5 37.4 56.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 51.366 ug/l

RT: 12.86 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VY002553.D

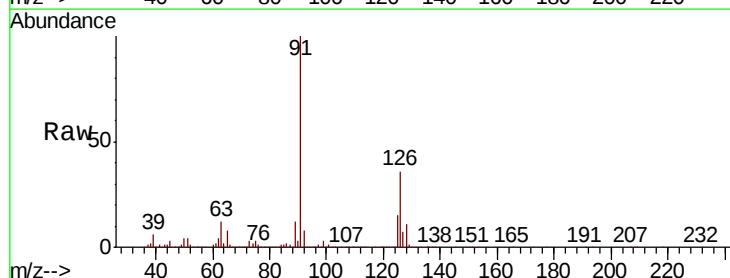
Acq: 04 May 2020 20:07

Tgt Ion: 91 Resp: 630468

Ion Ratio Lower Upper

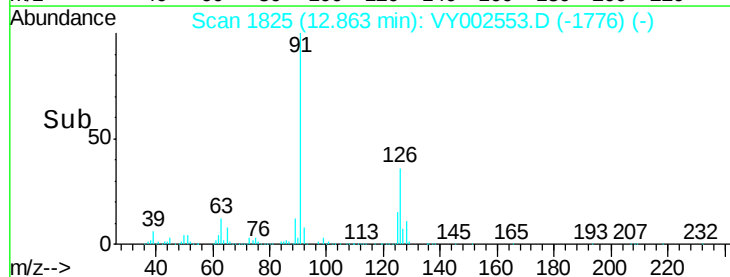
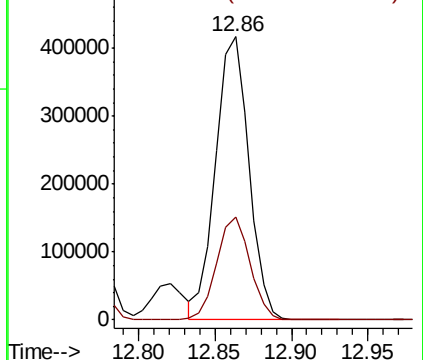
91 100

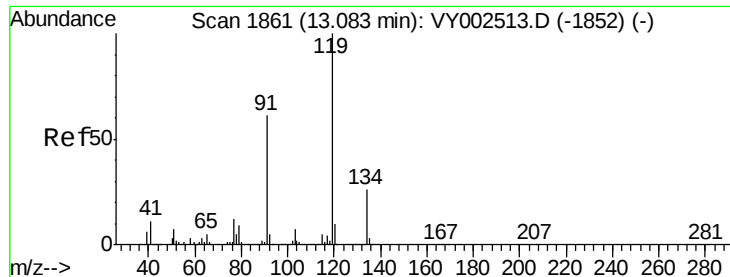
126 36.2 18.5 55.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 50.837 ug/l

RT: 13.08 min Scan# 1861

Delta R.T. -0.00 min

Lab File: VY002553.D

Acq: 04 May 2020 20:07

Instrument :

MSVOA_Y

ClientSampled :

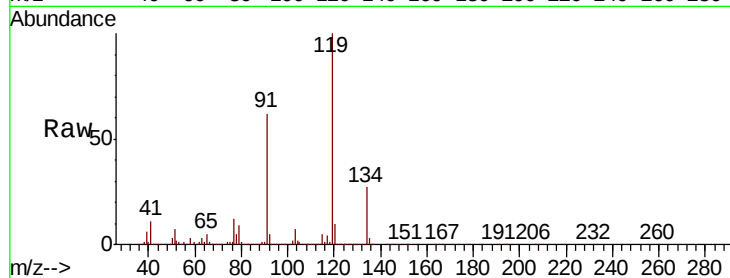
Tot Ion:119 Resp: 671644

Ion Ratio Lower Upper

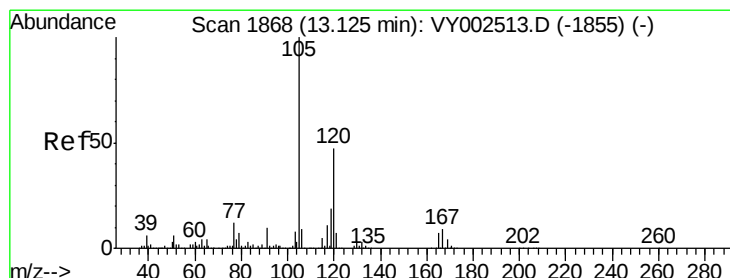
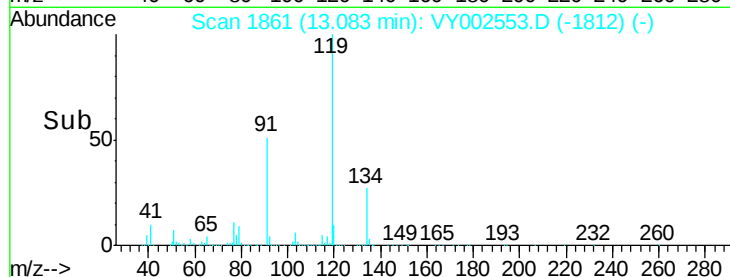
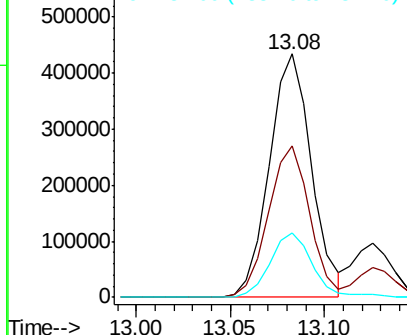
119 100

91 60.9 30.6 91.6

134 27.1 13.5 40.4



Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VY0
Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 51.122 ug/l

RT: 13.13 min Scan# 1868

Delta R.T. -0.00 min

Lab File: VY002553.D

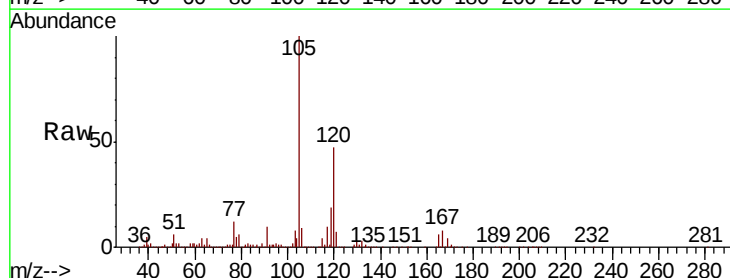
Acq: 04 May 2020 20:07

Tgt Ion:105 Resp: 767678

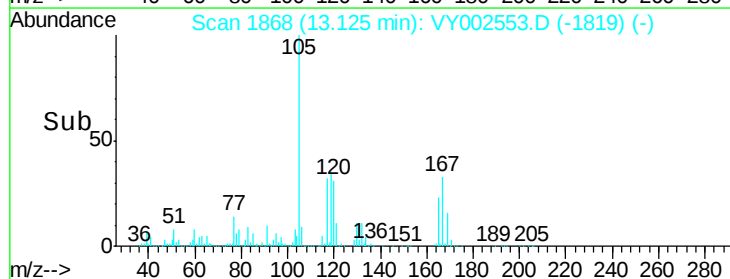
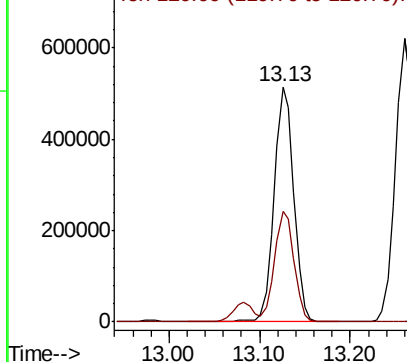
Ion Ratio Lower Upper

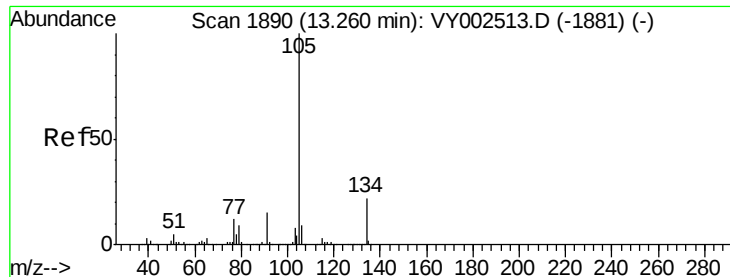
105 100

120 46.7 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 49.720 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VY002553.D

Acq: 04 May 2020 20:07

Instrument :

MSVOA_Y

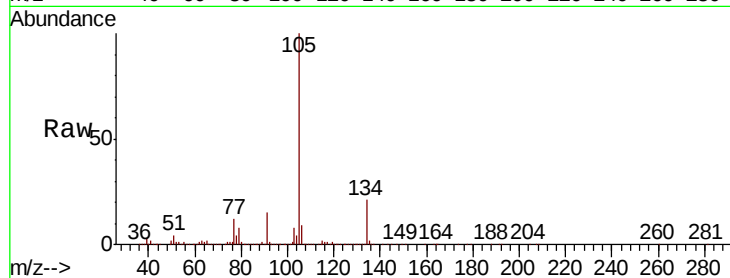
ClientSampleId :

Tot Ion:105 Resp: 911504

Ion Ratio Lower Upper

105 100

134 21.6 10.8 32.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.26

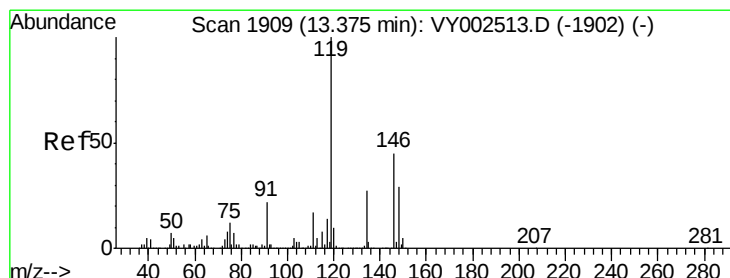
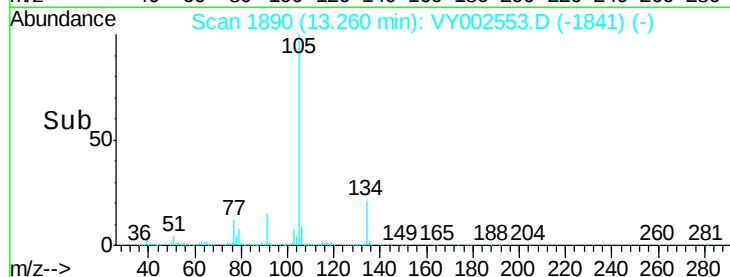
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 49.941 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. -0.00 min

Lab File: VY002553.D

Acq: 04 May 2020 20:07

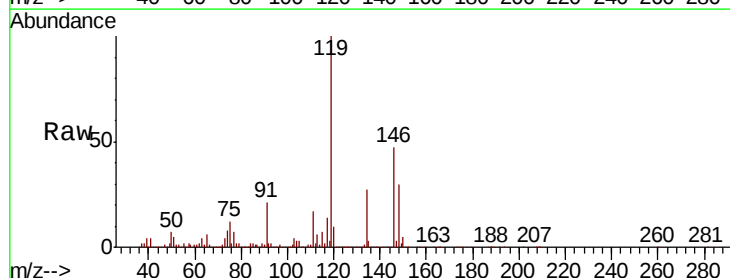
Tgt Ion:119 Resp: 857863

Ion Ratio Lower Upper

119 100

134 27.1 13.5 40.5

91 21.8 10.9 32.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

800000

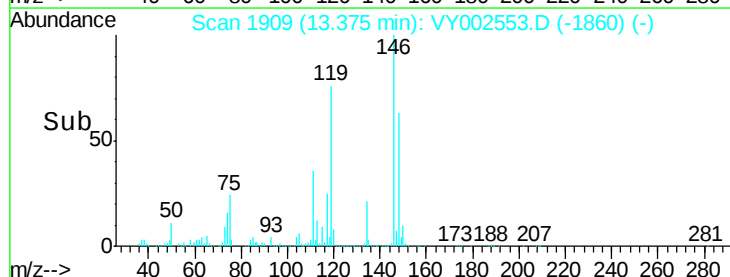
600000

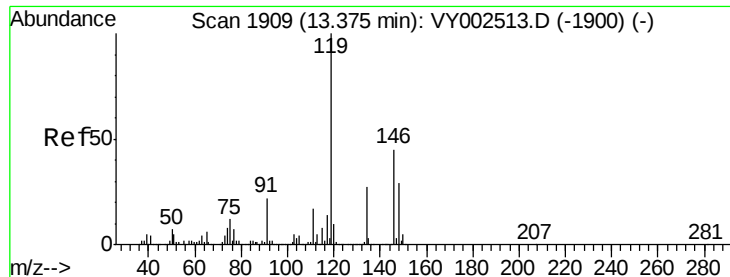
400000

200000

0

Time-->

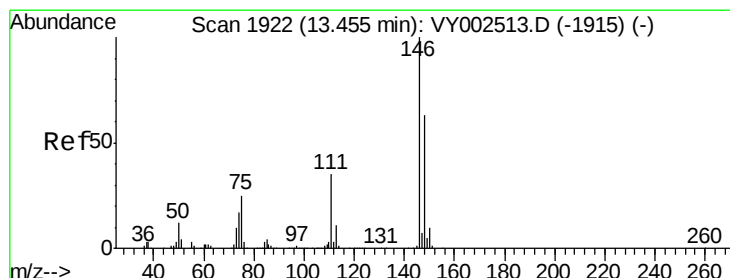
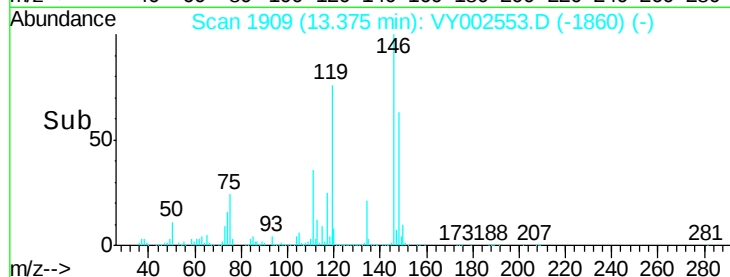
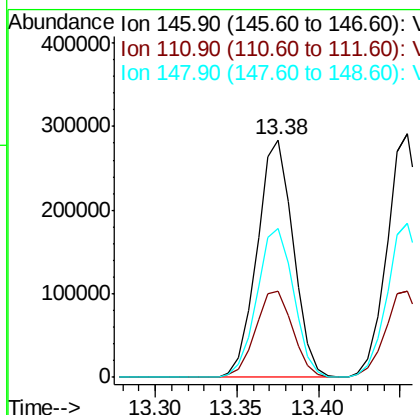
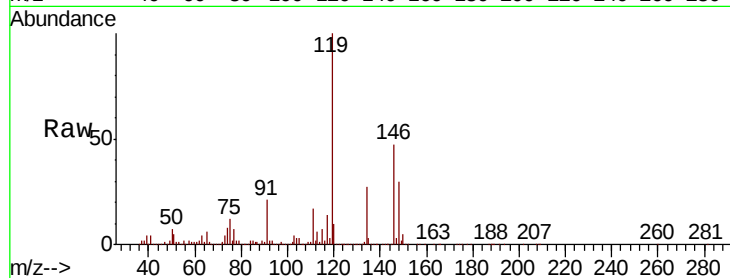




#87
 1,3-Dichlorobenzene
 Concen: 50.950 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. -0.00 min
 Lab File: VY002553.D
 Acq: 04 May 2020 20:07

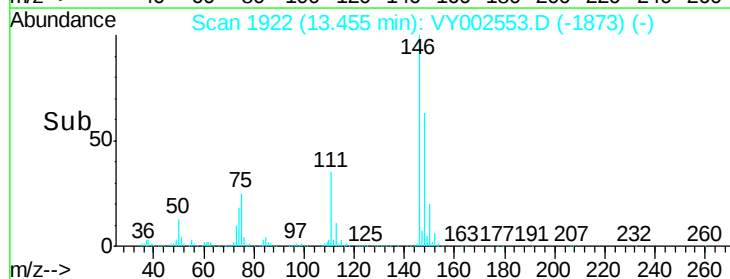
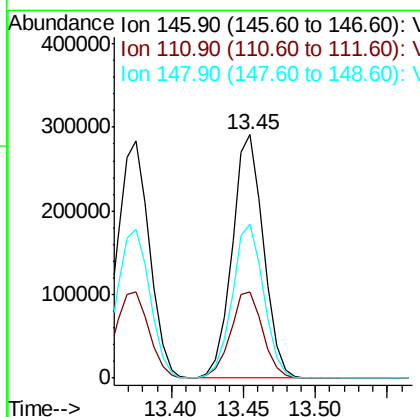
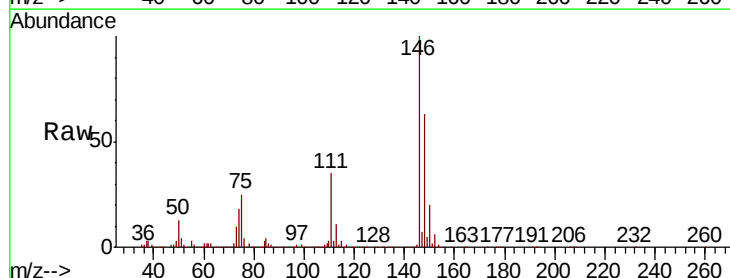
Instrument :
 MSVOA_Y
 ClientSampleId :

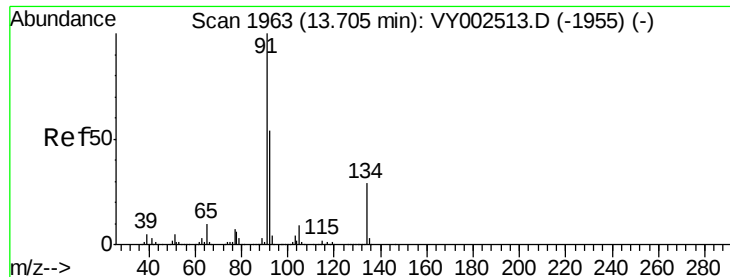
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.8	56.3
148	63.8	32.1	96.3



#88
 1,4-Dichlorobenzene
 Concen: 51.546 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VY002553.D
 Acq: 04 May 2020 20:07

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.5	18.1	54.1
148	63.7	31.9	95.5





#89

n-Butylbenzene

Concen: 49.135 ug/l

RT: 13.70 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VY002553.D

Acq: 04 May 2020 20:07

Instrument :

MSVOA_Y

ClientSampleId :

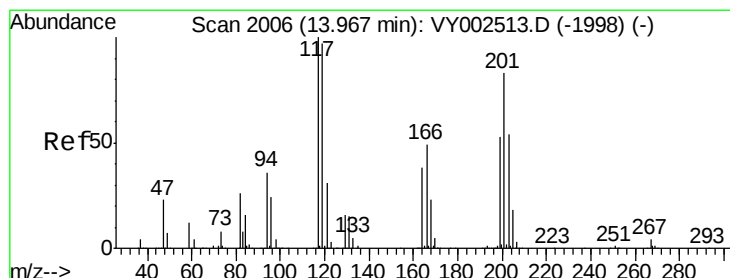
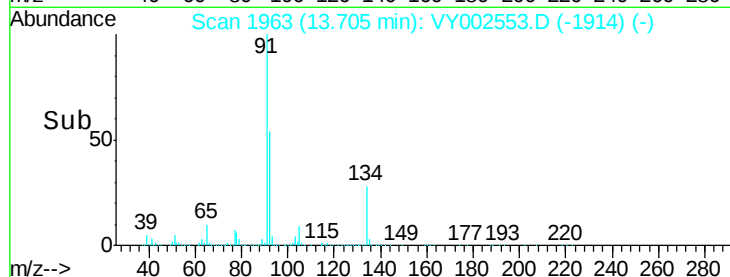
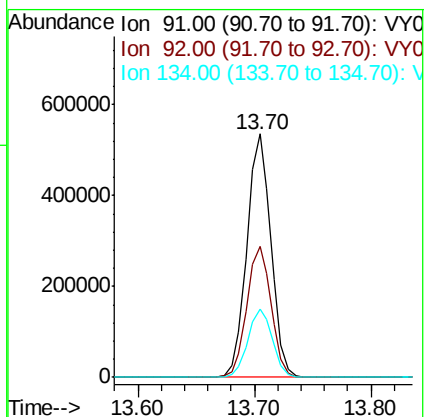
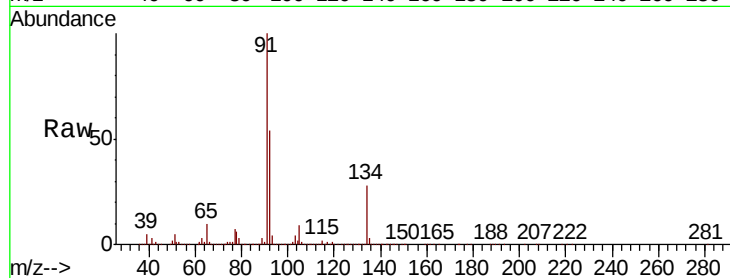
Tot Ion: 91 Resp: 768363

Ion Ratio Lower Upper

91 100

92 54.6 27.1 81.3

134 28.5 14.4 43.0



#90

Hexachloroethane

Concen: 51.526 ug/l

RT: 13.97 min Scan# 2006

Delta R.T. -0.00 min

Lab File: VY002553.D

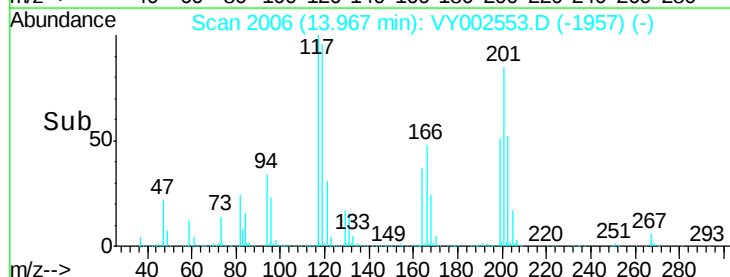
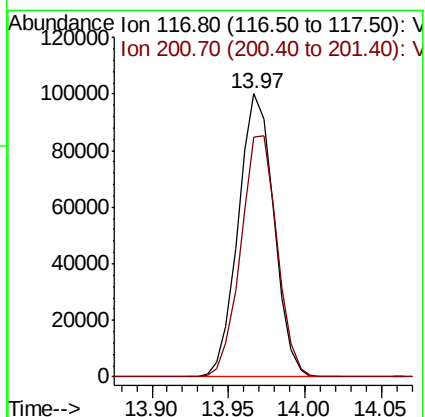
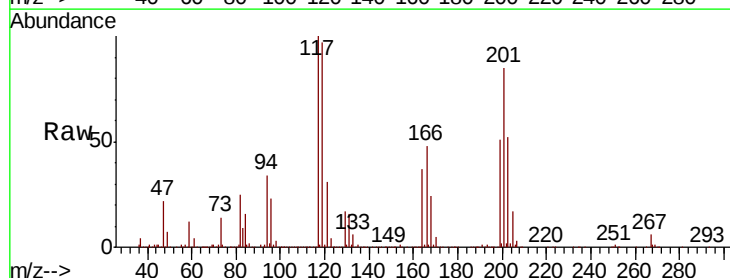
Acq: 04 May 2020 20:07

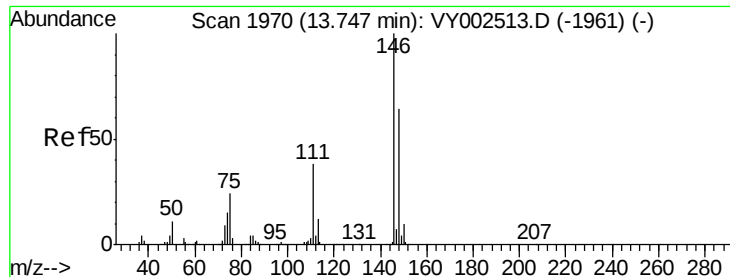
Tgt Ion: 117 Resp: 161186

Ion Ratio Lower Upper

117 100

201 87.2 44.4 133.2

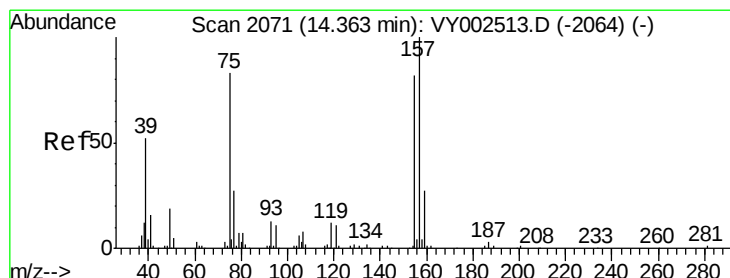
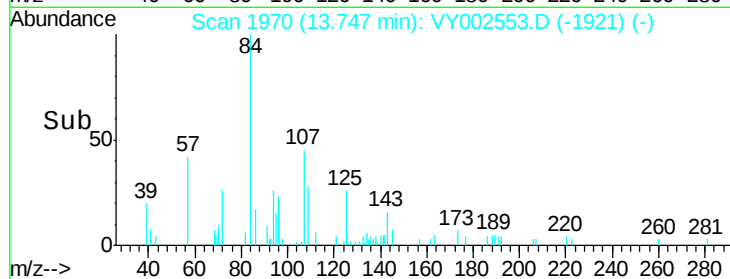
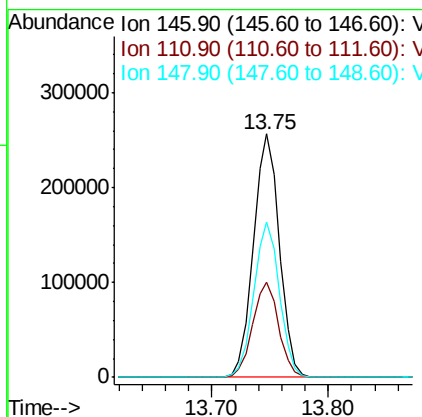
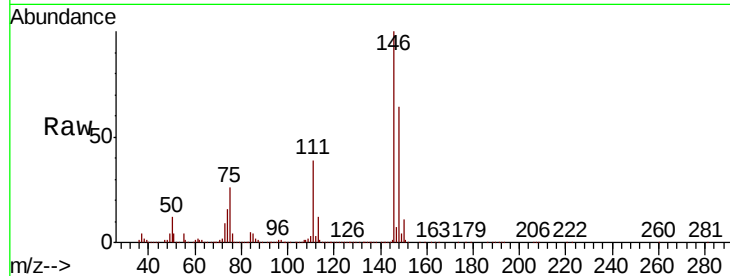




#91
 1,2-Dichlorobenzene
 Concen: 51.997 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. -0.00 min
 Lab File: VY002553.D
 Acq: 04 May 2020 20:07

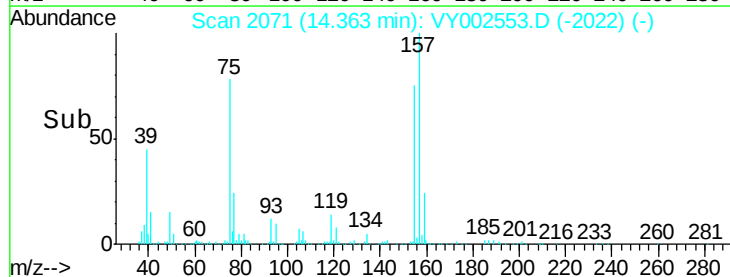
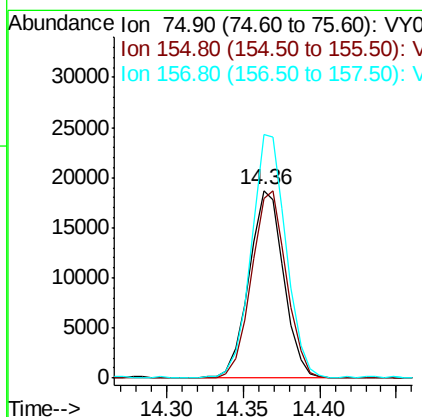
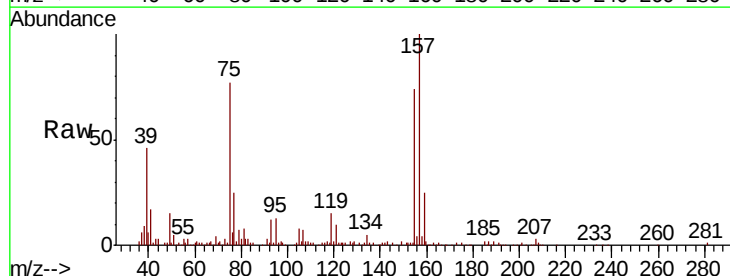
Instrument :
 MSVOA_Y
 ClientSampleId :

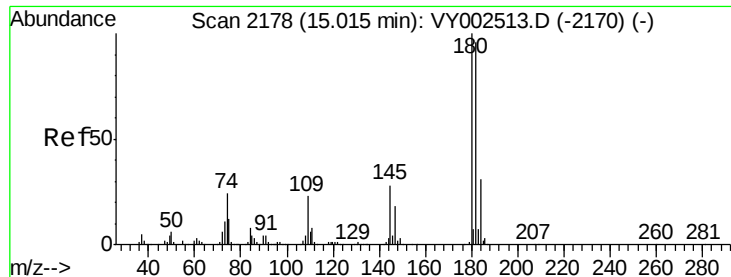
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.1	57.5
148	63.1	31.9	95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.610 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VY002553.D
 Acq: 04 May 2020 20:07

Tgt Ion	Ratio	Lower	Upper
75	100		
155	100.2	51.3	153.9
157	130.4	65.0	195.0

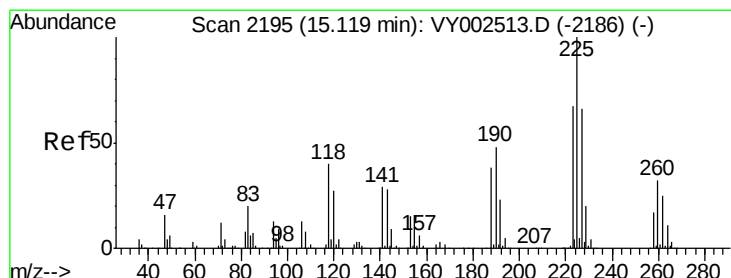
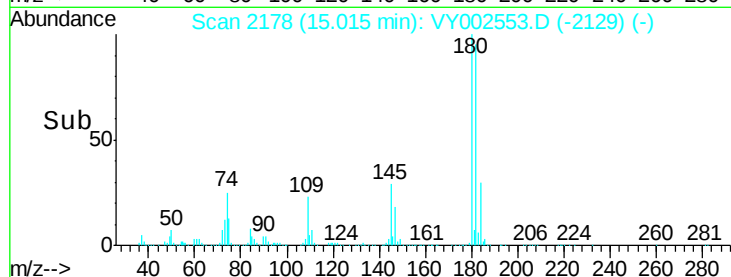
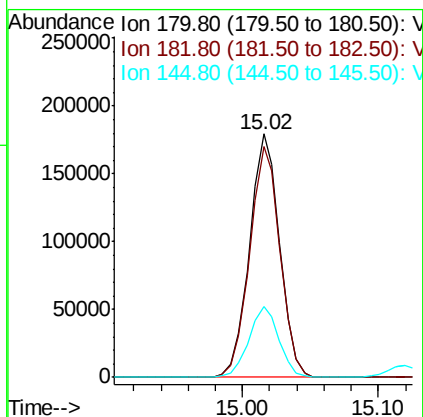
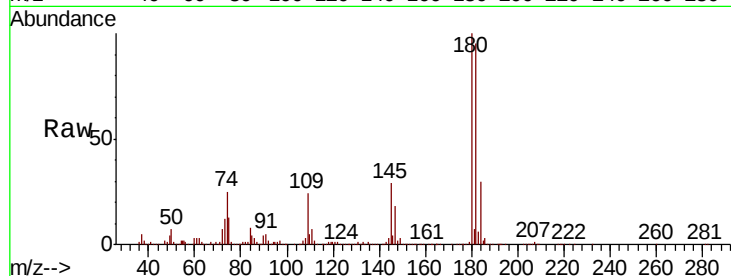




#93
 1,2,4-Trichlorobenzene
 Concen: 49.924 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. -0.00 min
 Lab File: VY002553.D
 Acq: 04 May 2020 20:07

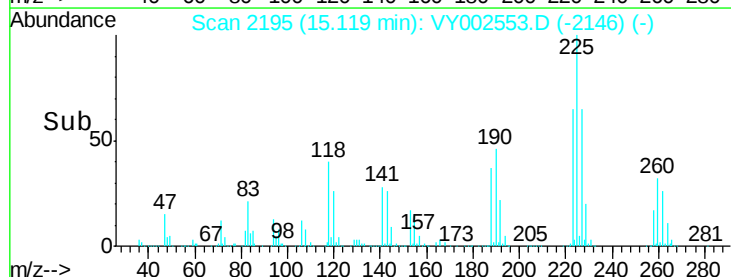
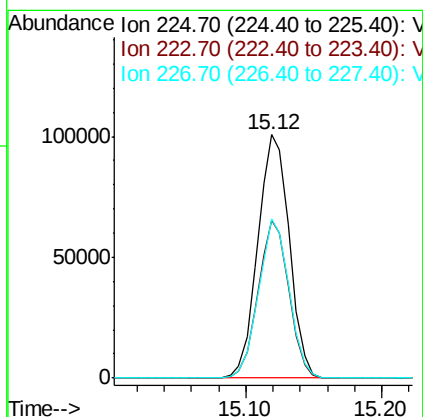
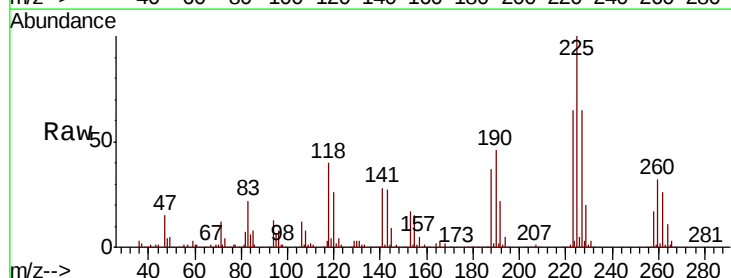
Instrument :
 MSVOA_Y
 ClientSampleId :

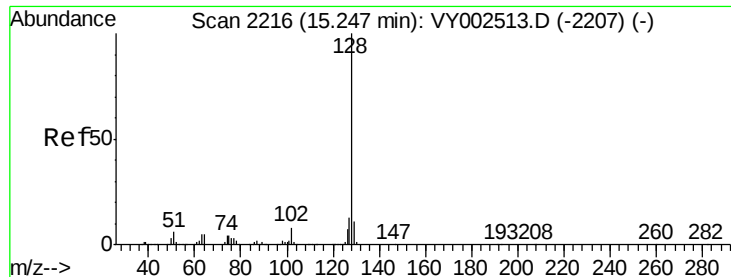
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.9	143.6
145	28.8	14.4	43.0



#94
 Hexachlorobutadiene
 Concen: 49.056 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. -0.00 min
 Lab File: VY002553.D
 Acq: 04 May 2020 20:07

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	32.1	96.5
227	63.2	32.0	96.2





#95

Naphthalene

Concen: 54.773 ug/l

RT: 15.25 min Scan# 2216

Delta R.T. -0.00 min

Lab File: VY002553.D

Acq: 04 May 2020 20:07

Instrument :

MSVOA_Y

ClientSampleId :

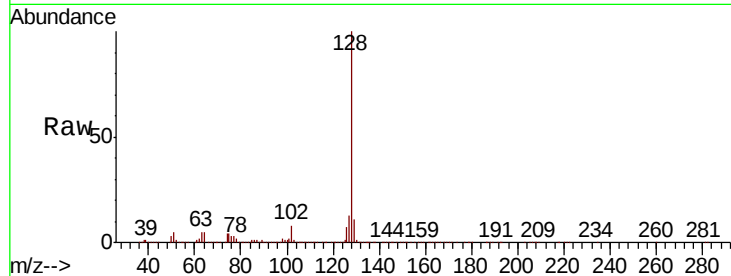
Tot Ion:128 Resp: 556379

Ion Ratio Lower Upper

128 100

127 12.8 10.5 15.7

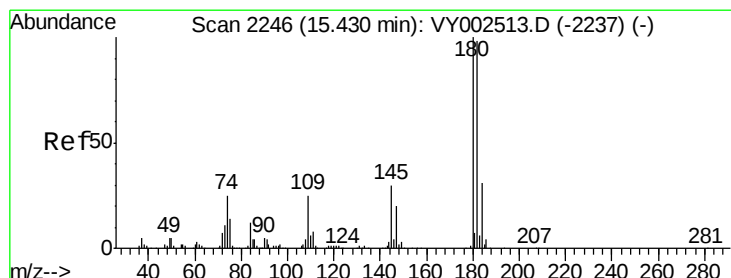
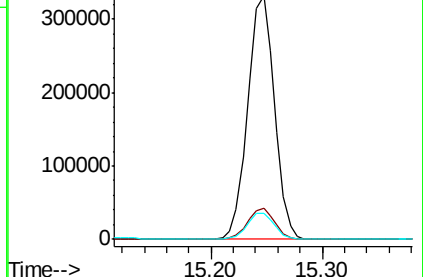
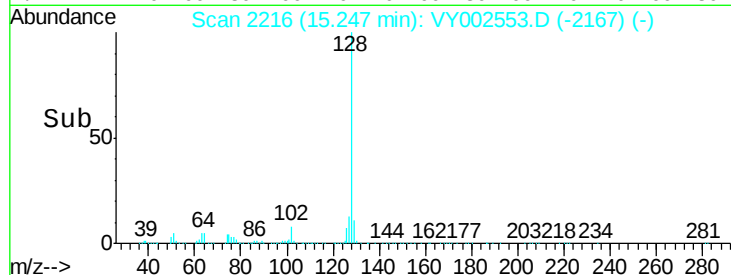
129 10.9 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 51.228 ug/l

RT: 15.44 min Scan# 2247

Delta R.T. 0.01 min

Lab File: VY002553.D

Acq: 04 May 2020 20:07

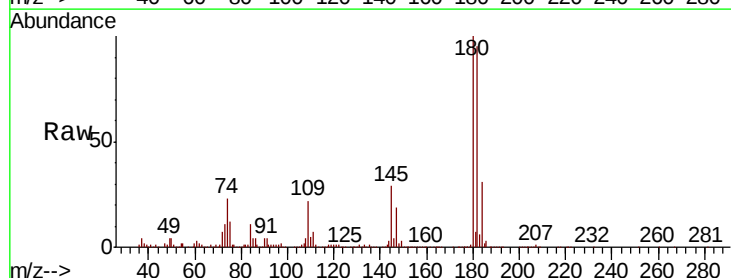
Tgt Ion:180 Resp: 242158

Ion Ratio Lower Upper

180 100

182 95.6 47.9 143.8

145 30.6 15.0 45.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

