

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY052220\NOT REVIEWED DATA\
 Data File : VY002753.D
 Acq On : 22 May 2020 15:49
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 22 19:55:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y051520S.M
 Quant Title : SW846 8260
 QLast Update : Sat May 16 04:52:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	369329	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	551012	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	507057	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	267770	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	143675	49.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.46%	
35) Dibromofluoromethane	7.72	113	148604	48.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.74%	
50) Toluene-d8	10.18	98	591843	48.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.68%	
62) 4-Bromofluorobenzene	12.48	95	202979	48.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.48%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.91	85	110960	41.927	ug/l	98
3) Chloromethane	2.12	50	124942	41.222	ug/l	99
4) Vinyl Chloride	2.26	62	138061	43.714	ug/l	99
5) Bromomethane	2.65	94	100265	42.833	ug/l	99
6) Chloroethane	2.80	64	89603	44.365	ug/l	99
7) Trichlorofluoromethane	3.13	101	238861	44.877	ug/l	97
8) Diethyl Ether	3.54	74	86951	48.023	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.90	101	147244	45.637	ug/l	99
10) Methyl Iodide	4.10	142	210357	47.367	ug/l	99
11) Tert butyl alcohol	4.97	59	72401	246.775	ug/l	99
12) 1,1-Dichloroethene	3.88	96	146625	45.261	ug/l	98
13) Acrolein	3.74	56	78202	227.256	ug/l	96
14) Allyl chloride	4.49	41	217294	46.722	ug/l	99
15) Acrylonitrile	5.18	53	205108	250.181	ug/l	99
16) Acetone	3.96	43	177873	298.675	ug/l	99
17) Carbon Disulfide	4.20	76	447607	44.049	ug/l	99
18) Methyl Acetate	4.49	43	83363	49.094	ug/l	98
19) Methyl tert-butyl Ether	5.22	73	394962	49.153	ug/l	100
20) Methylene Chloride	4.72	84	167522	46.535	ug/l	99
21) trans-1,2-Dichloroethene	5.22	96	162367	45.073	ug/l	99
22) Diisopropyl ether	6.13	45	443119	48.023	ug/l	97
23) Vinyl Acetate	6.07	43	1453032	245.927	ug/l	100
24) 1,1-Dichloroethane	6.02	63	259796	47.118	ug/l	99
25) 2-Butanone	6.99	43	259125	262.979	ug/l	99
26) 2,2-Dichloropropane	6.99	77	234566	45.723	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	182566	46.904	ug/l	99
28) Bromochloromethane	7.34	49	108001	49.515	ug/l	100
29) Tetrahydrofuran	7.35	42	166710	248.664	ug/l	99
30) Chloroform	7.51	83	272661	47.647	ug/l	99
31) Cyclohexane	7.78	56	244616	43.742	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	248363	46.971	ug/l	99
36) 1,1-Dichloropropene	7.92	75	214030	45.884	ug/l	100
37) Ethyl Acetate	7.08	43	112969	49.240	ug/l	100
38) Carbon Tetrachloride	7.91	117	232801	46.437	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	280439	44.712	ug/l	97
40) Benzene	8.16	78	633216	46.525	ug/l	99
41) Methacrylonitrile	7.35	41	155128	112.543	ug/l #	100
42) 1,2-Dichloroethane	8.24	62	169859	47.319	ug/l	99
43) Isopropyl Acetate	8.28	43	213053	49.969	ug/l	100
44) Trichloroethene	8.94	130	200864	46.299	ug/l	99
45) 1,2-Dichloropropane	9.22	63	151817	46.999	ug/l	99
46) Dibromomethane	9.31	93	88854	48.960	ug/l	99
47) Bromodichloromethane	9.50	83	214400	48.406	ug/l	98
48) Methyl methacrylate	9.29	41	96822	49.320	ug/l	99
49) 1,4-Dioxane	9.30	88	25289	1023.134	ug/l	99
51) 4-Methyl-2-Pentanone	10.07	43	557435	253.223	ug/l	100
52) Toluene	10.24	92	409562	46.500	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	230271	48.710	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	262632	47.921	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	132750	49.133	ug/l	98
56) Ethyl methacrylate	10.51	69	182536	50.748	ug/l	98
57) 1,3-Dichloropropane	10.79	76	220681	48.740	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	437466	246.361	ug/l	100
59) 2-Hexanone	10.83	43	398540	259.857	ug/l	99
60) Dibromochloromethane	10.99	129	171353	49.643	ug/l	100
61) 1,2-Dibromoethane	11.09	107	133044	49.980	ug/l	99
64) Tetrachloroethene	10.72	164	223684	46.467	ug/l	99
65) Chlorobenzene	11.52	112	455482	46.486	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	172271	47.373	ug/l	99
67) Ethyl Benzene	11.59	91	796123	46.276	ug/l	99
68) m/p-Xylenes	11.70	106	616899	92.168	ug/l	99
69) o-Xylene	12.03	106	298182	47.466	ug/l	98
70) Styrene	12.04	104	519292	48.146	ug/l	100
71) Bromoform	12.20	173	114547	50.958	ug/l	99
73) Isopropylbenzene	12.33	105	801731	45.822	ug/l	100
74) N-amyl acetate	12.14	43	206119	50.203	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	129683	50.333	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	205644	93.490	ug/l #	100
77) Bromobenzene	12.61	156	203495	46.520	ug/l	98
78) n-propylbenzene	12.67	91	924099	45.401	ug/l	100
79) 2-Chlorotoluene	12.75	91	515408	45.655	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	665931	45.297	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	58127	49.976	ug/l #	78
82) 4-Chlorotoluene	12.86	91	538360	45.527	ug/l	99
83) tert-Butylbenzene	13.08	119	581474	44.691	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	666853	45.387	ug/l	100
85) sec-Butylbenzene	13.25	105	803254	44.739	ug/l	100
86) p-Isopropyltoluene	13.37	119	754205	44.878	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	381572	45.242	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	383982	45.730	ug/l	99
89) n-Butylbenzene	13.70	91	685408	44.411	ug/l	99
90) Hexachloroethane	13.96	117	142936	45.920	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	349129	46.157	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	25826	52.270	ug/l	99

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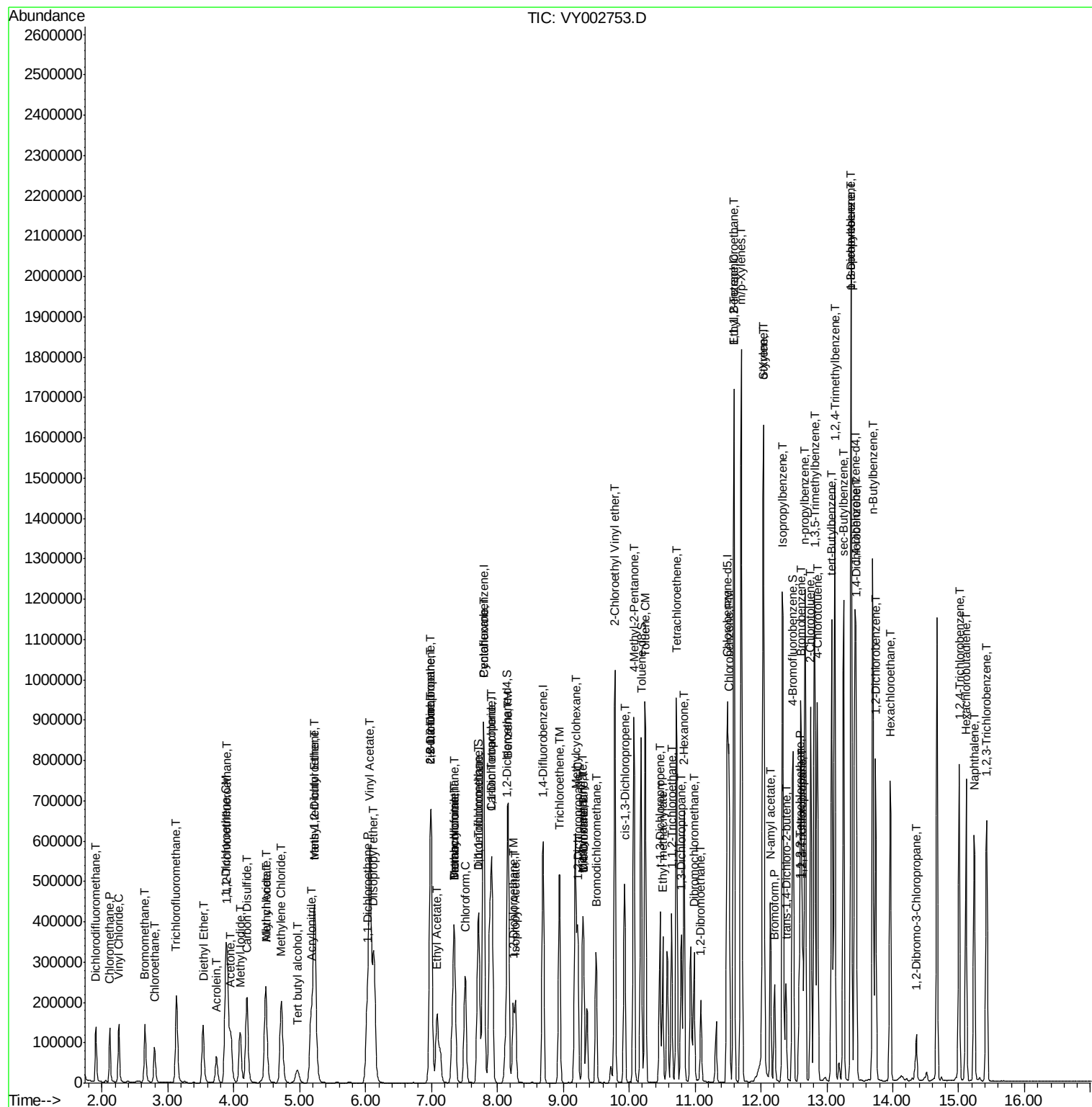
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	260267	47.600	ug/l	100
94) Hexachlorobutadiene	15.11	225	149709	45.696	ug/l	100
95) Naphthalene	15.23	128	516252	49.558	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	231483	49.877	ug/l	100

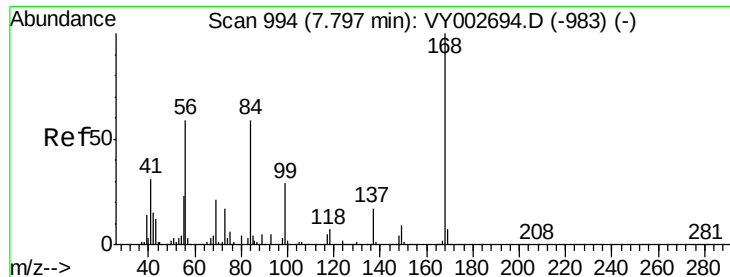
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY002753.D

Acq: 22 May 2020 15:49

Instrument :

MSVOA_Y

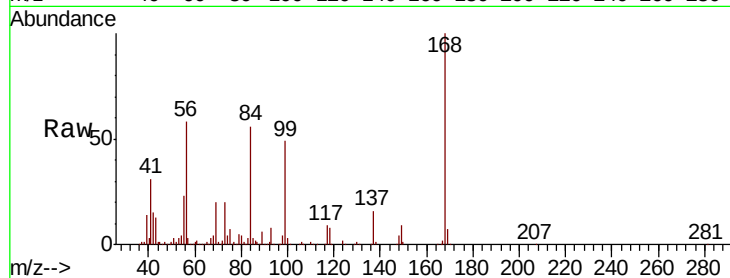
ClientSampleId :

Tot Ion:168 Resp: 369329

Ion Ratio Lower Upper

168 100

99 49.5 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002694.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY002694.D (-983) (-)

7.79

150000

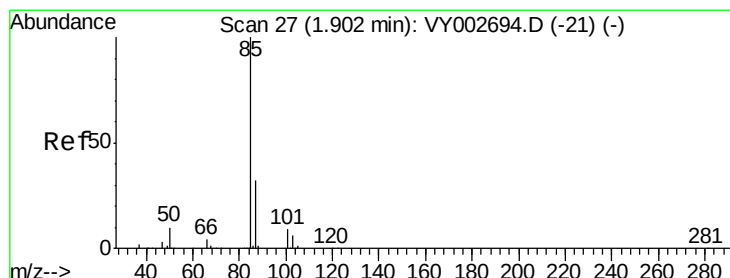
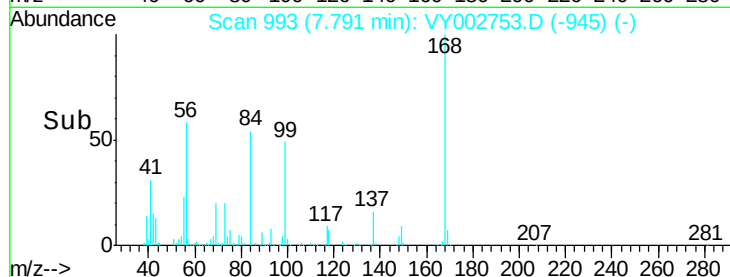
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 41.927 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY002753.D

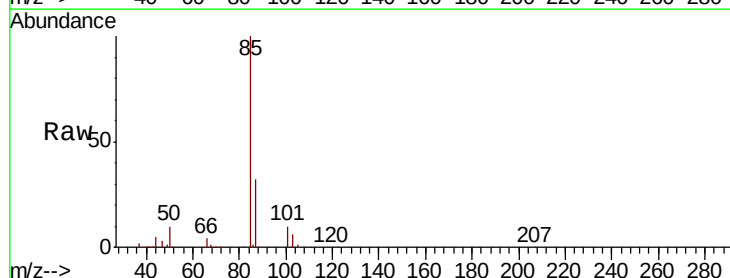
Acq: 22 May 2020 15:49

Tgt Ion: 85 Resp: 110960

Ion Ratio Lower Upper

85 100

87 32.5 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VY002694.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY002694.D (-21) (-)

1.91

80000

60000

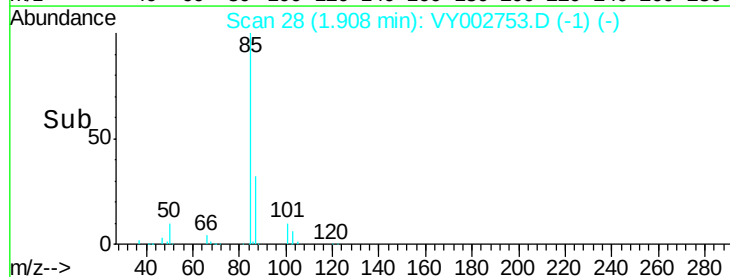
40000

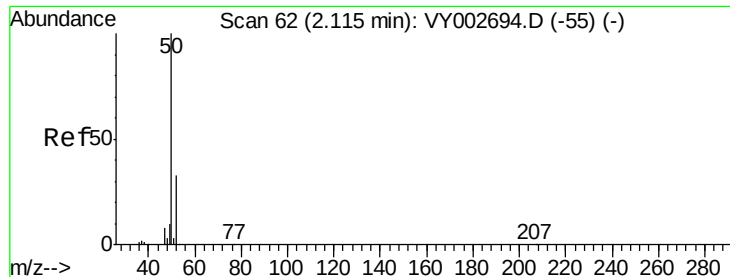
20000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 41.222 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY002753.D

Acq: 22 May 2020 15:49

Instrument :

MSVOA_Y

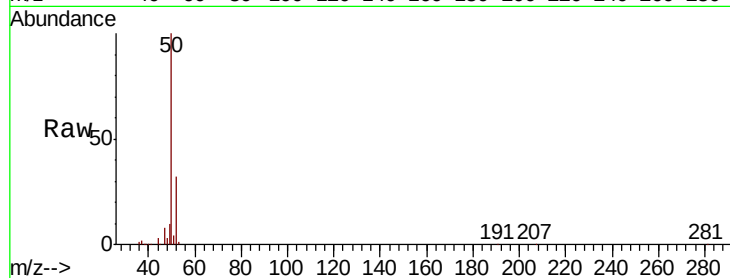
ClientSampleId :

Tot Ion: 50 Resp: 124942

Ion Ratio Lower Upper

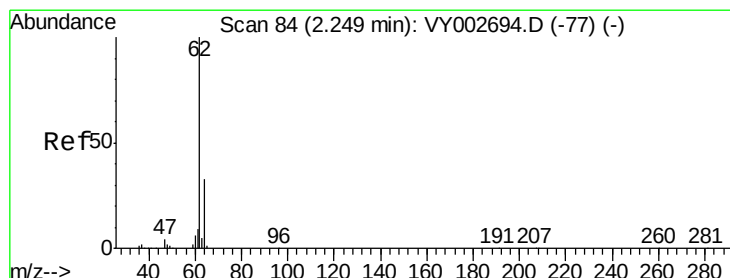
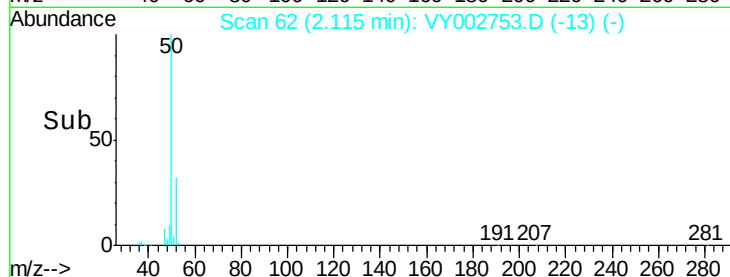
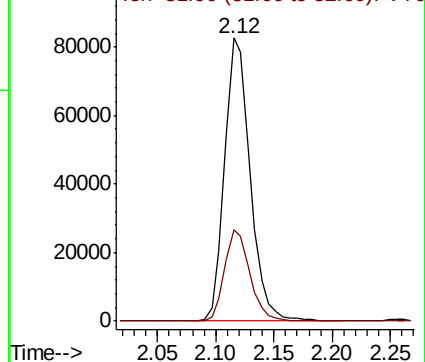
50 100

52 32.4 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 43.714 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY002753.D

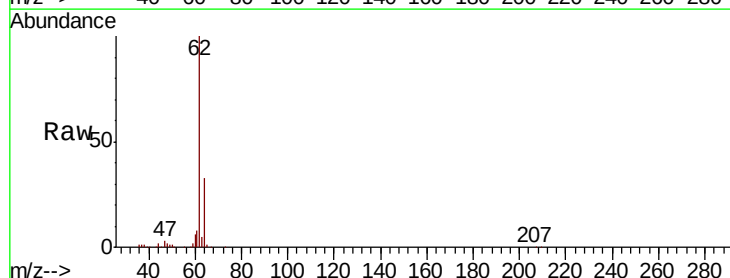
Acq: 22 May 2020 15:49

Tgt Ion: 62 Resp: 138061

Ion Ratio Lower Upper

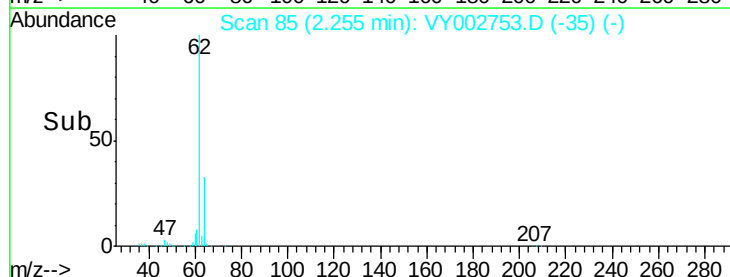
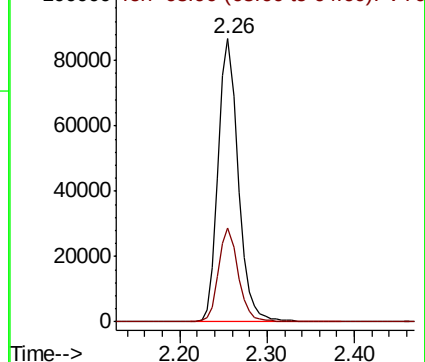
62 100

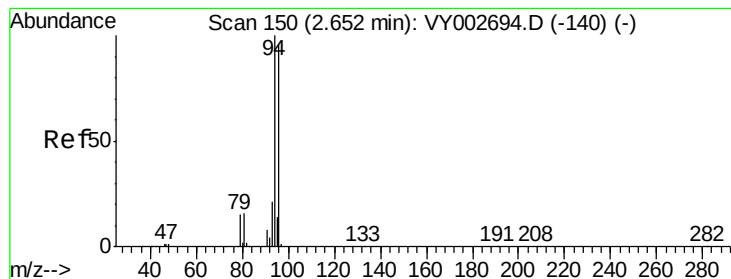
64 33.2 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 42.833 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.00 min

Lab File: VY002753.D

Acq: 22 May 2020 15:49

Instrument :

MSVOA_Y

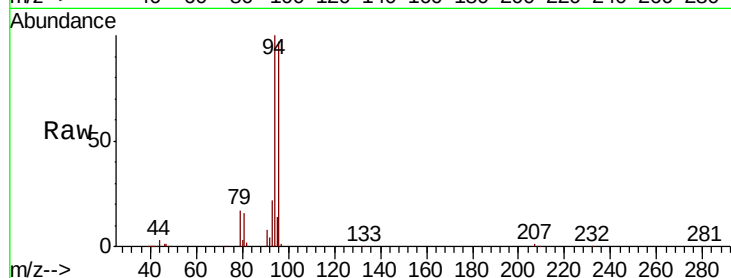
ClientSampleId :

Tot Ion: 94 Resp: 100265

Ion Ratio Lower Upper

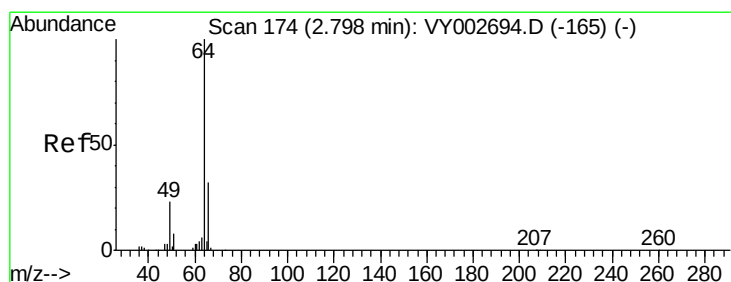
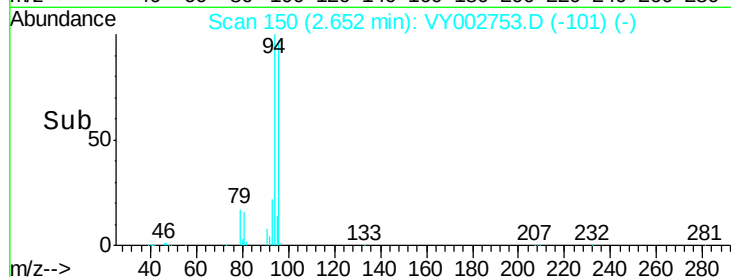
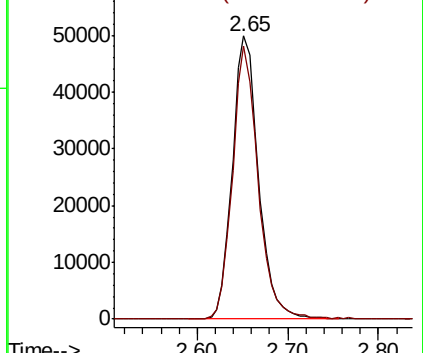
94 100

96 96.5 76.8 115.2



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 44.365 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.00 min

Lab File: VY002753.D

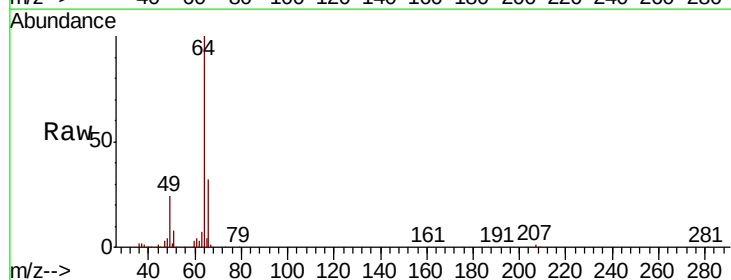
Acq: 22 May 2020 15:49

Tgt Ion: 64 Resp: 89603

Ion Ratio Lower Upper

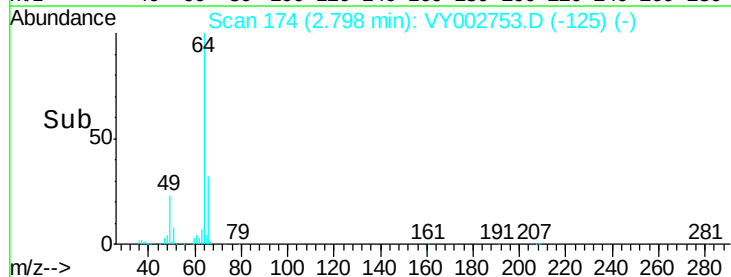
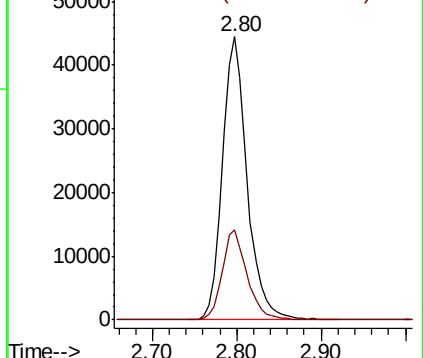
64 100

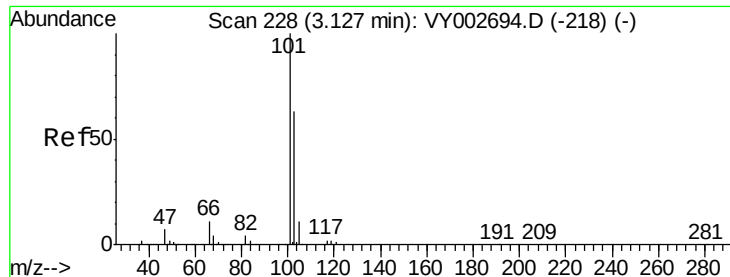
66 32.0 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



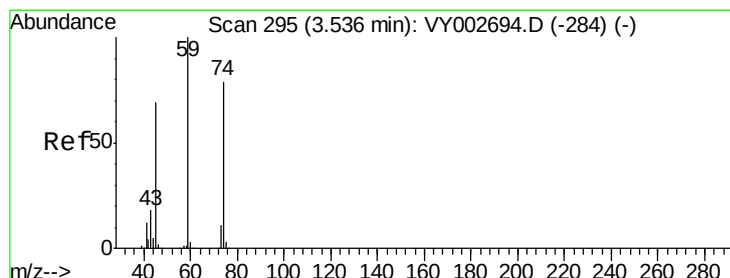
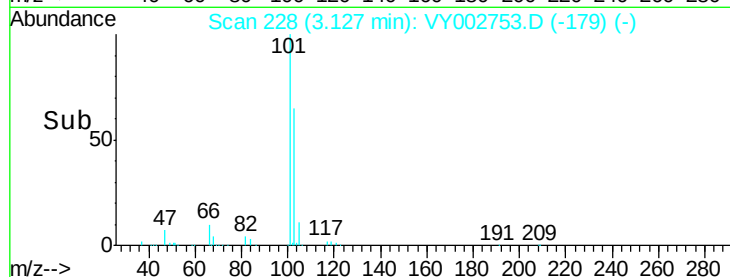
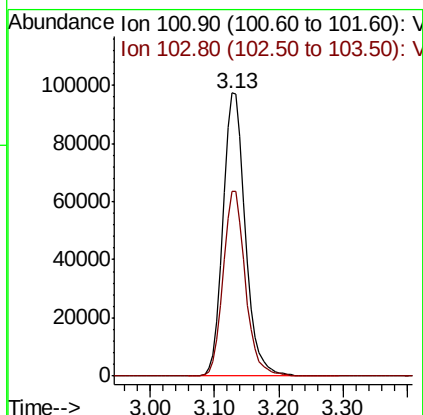
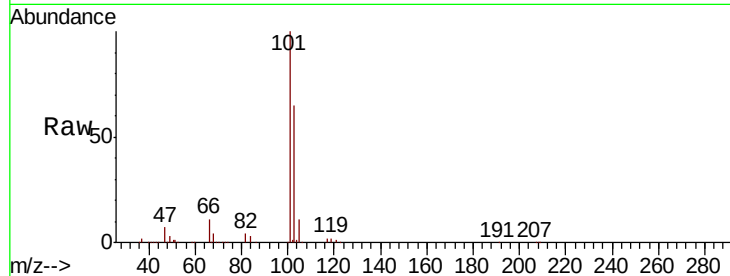


#7

Trichlorofluoromethane
 Concen: 44.877 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. 0.00 min
 Lab File: VY002753.D
 Acq: 22 May 2020 15:49

Instrument :
 MSVOA_Y
 ClientSampleId :

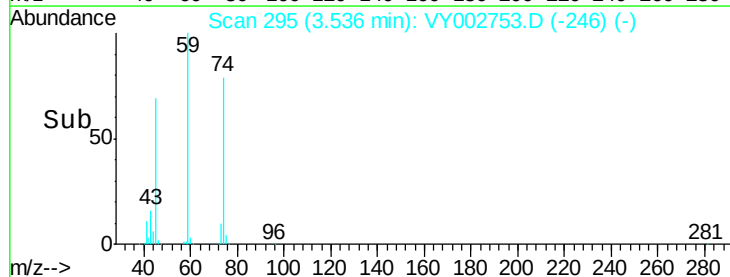
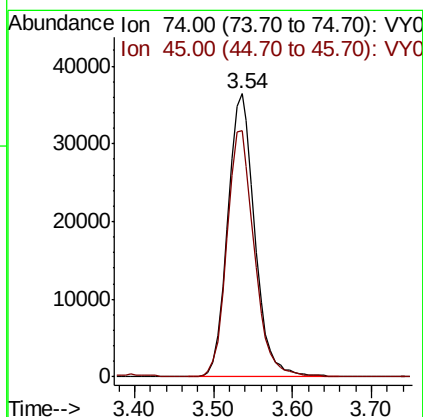
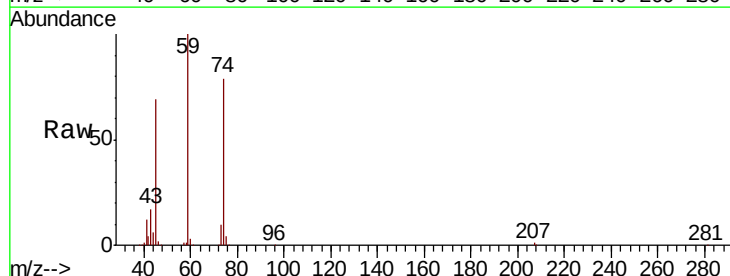
Tot Ion:101 Resp: 238861
 Ion Ratio Lower Upper
 101 100
 103 65.4 50.6 75.8

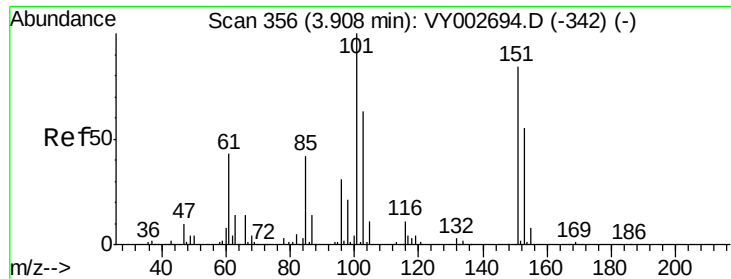


#8

Diethyl Ether
 Concen: 48.023 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. -0.00 min
 Lab File: VY002753.D
 Acq: 22 May 2020 15:49

Tgt Ion: 74 Resp: 86951
 Ion Ratio Lower Upper
 74 100
 45 87.9 43.8 131.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.637 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY002753.D

Acq: 22 May 2020 15:49

Instrument :

MSVOA_Y

ClientSampled :

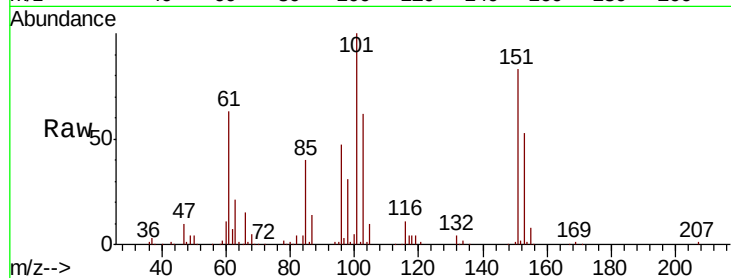
Tot Ion:101 Resp: 147244

Ion Ratio Lower Upper

101 100

85 41.6 33.5 50.3

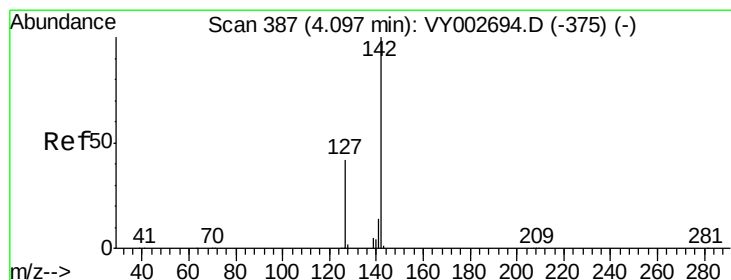
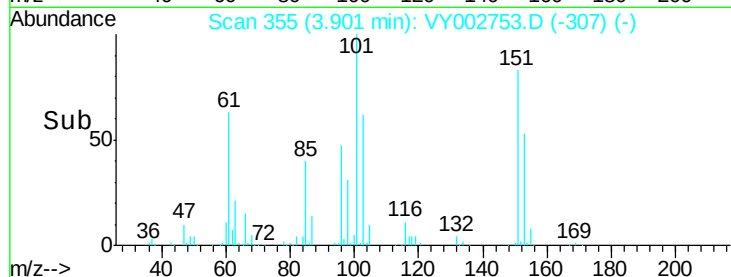
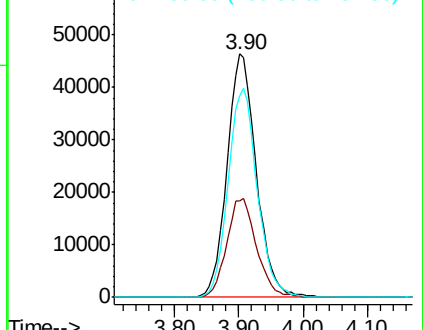
151 86.0 69.6 104.4



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: 47.367 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.00 min

Lab File: VY002753.D

Acq: 22 May 2020 15:49

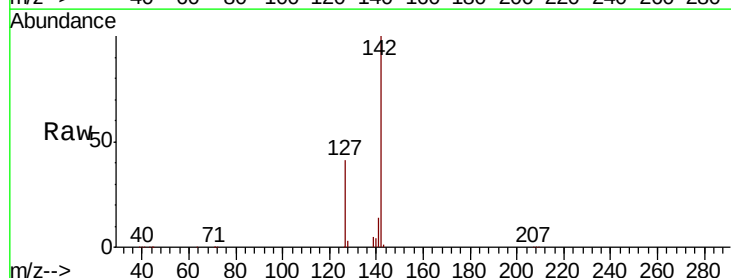
Tgt Ion:142 Resp: 210357

Ion Ratio Lower Upper

142 100

127 41.7 32.8 49.2

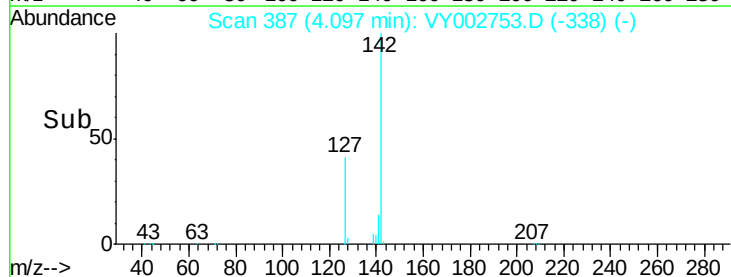
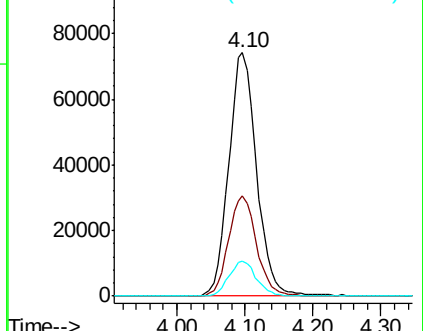
141 14.2 11.3 16.9

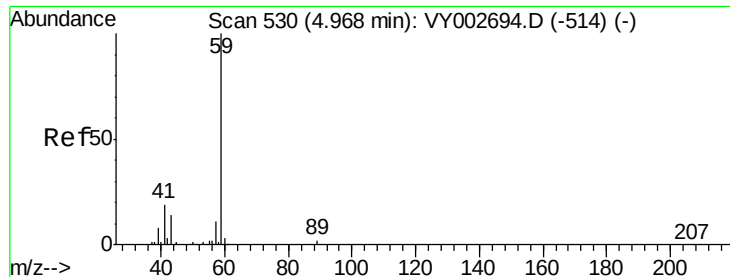


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



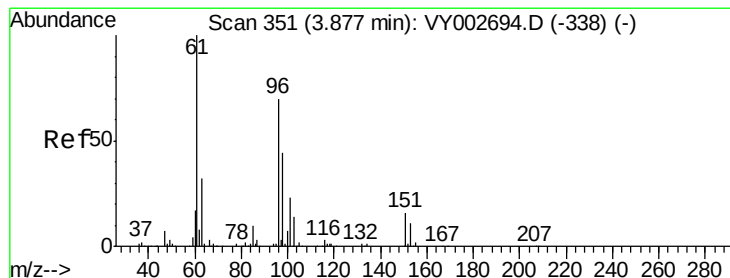
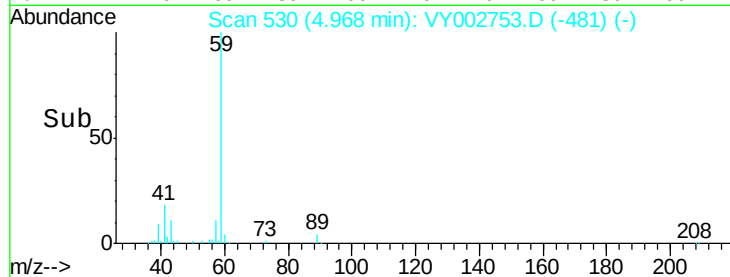
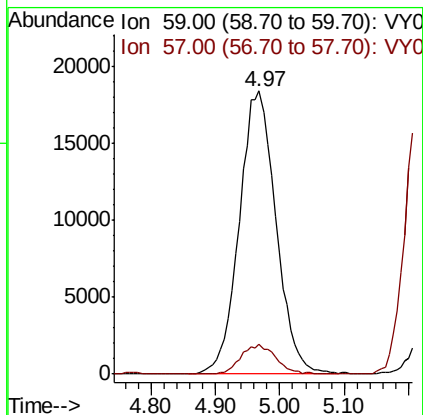
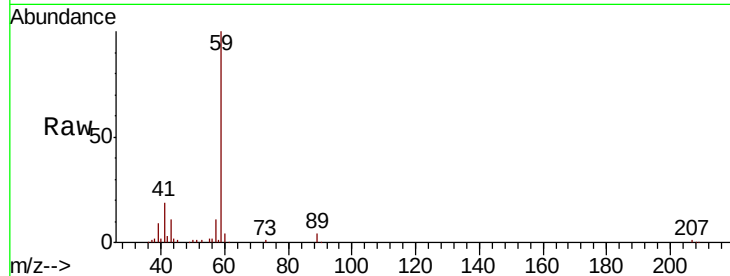


#11

Tert butyl alcohol
 Concen: 246.775 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. 0.00 min
 Lab File: VY002753.D
 Acq: 22 May 2020 15:49

Instrument :
 MSVOA_Y
 ClientSampleId :

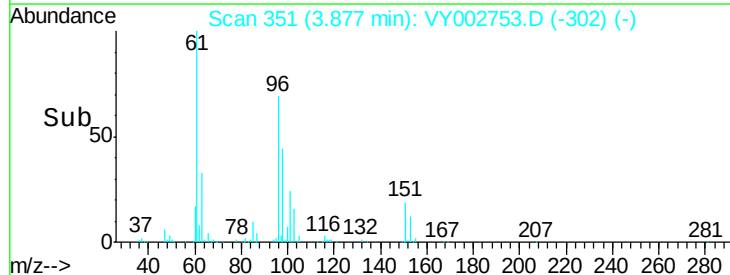
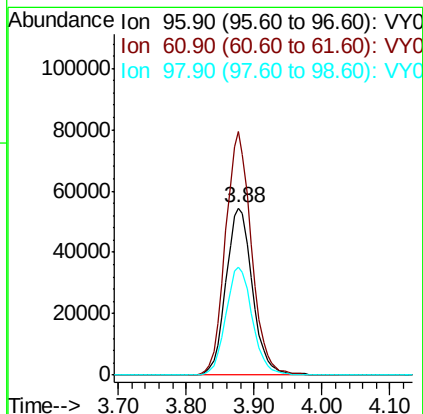
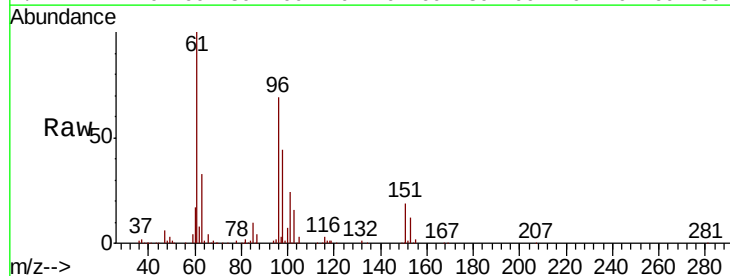
Tot Ion: 59 Resp: 72401
 Ion Ratio Lower Upper
 59 100
 57 9.9 7.7 11.5

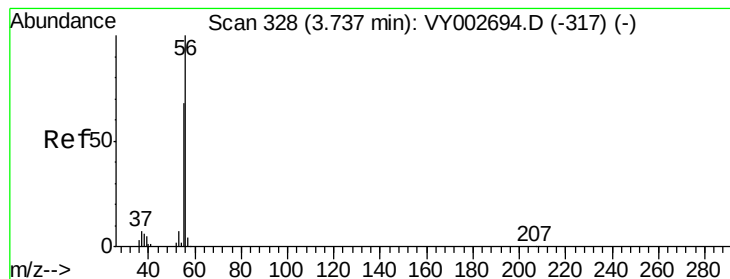


#12

1,1-Dichloroethene
 Concen: 45.261 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VY002753.D
 Acq: 22 May 2020 15:49

Tgt Ion: 96 Resp: 146625
 Ion Ratio Lower Upper
 96 100
 61 145.5 113.8 170.8
 98 64.4 50.4 75.6





#13

Acrolein

Concen: 227.256 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.00 min

Lab File: VY002753.D

Acq: 22 May 2020 15:49

Instrument :

MSVOA_Y

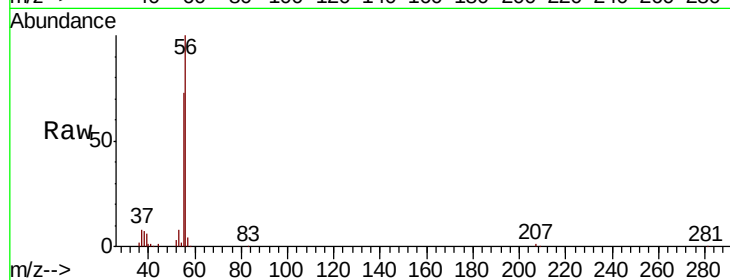
ClientSampleId :

Tot Ion: 56 Resp: 78202

Ion Ratio Lower Upper

56 100

55 71.4 54.8 82.2



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

3.74

30000

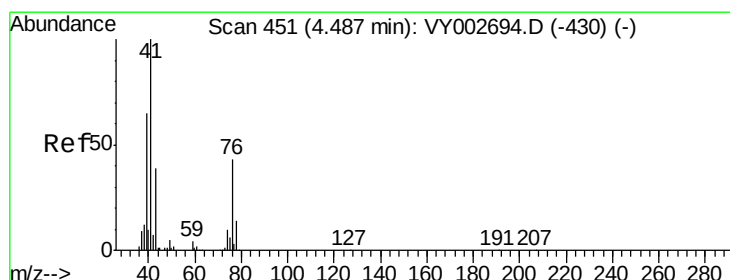
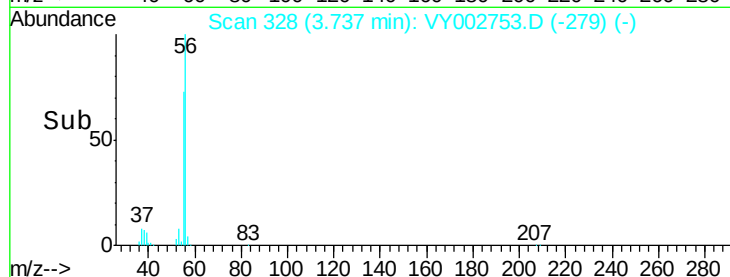
20000

10000

0

Time-->

3.60 3.70 3.80



#14

Allyl chloride

Concen: 46.722 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY002753.D

Acq: 22 May 2020 15:49

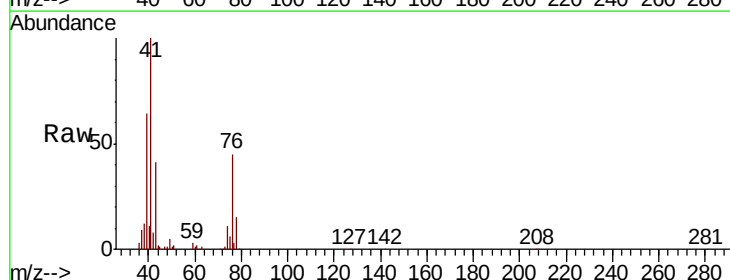
Tgt Ion: 41 Resp: 217294

Ion Ratio Lower Upper

41 100

39 61.4 50.3 75.5

76 41.5 33.2 49.8



Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0

4.49

80000

60000

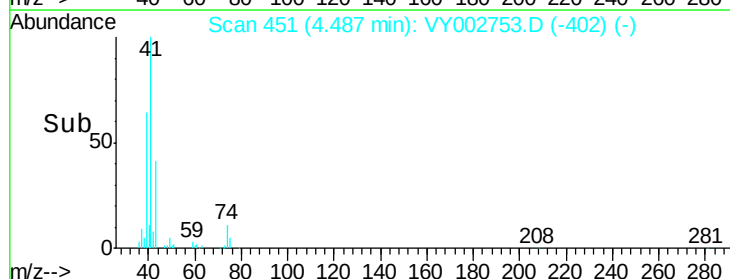
40000

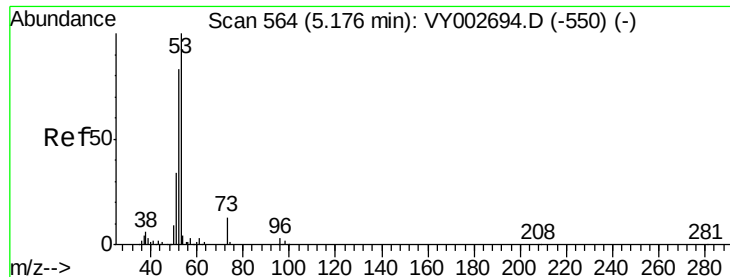
20000

0

Time-->

4.30 4.40 4.50 4.60





#15

Acrylonitrile

Concen: 250.181 ug/l

RT: 5.18 min Scan# 564

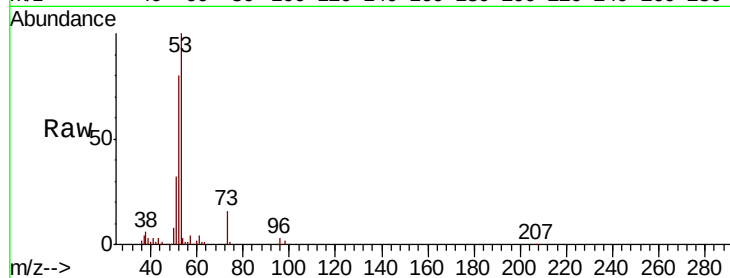
Delta R.T. -0.00 min

Lab File: VY002753.D

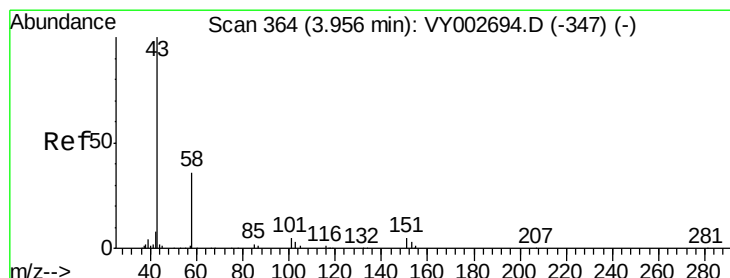
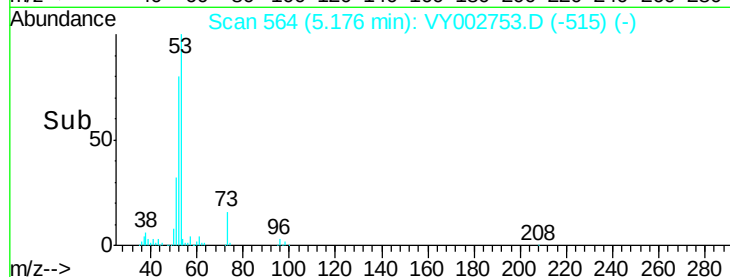
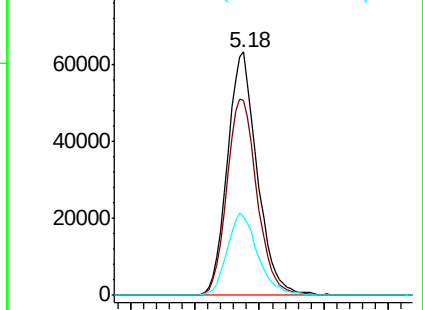
Acq: 22 May 2020 15:49

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:	53	Resp:	205108
Ion	Ratio	Lower	Upper
53	100		
52	81.9	65.0	97.6
51	35.1	27.9	41.9



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: 298.675 ug/l

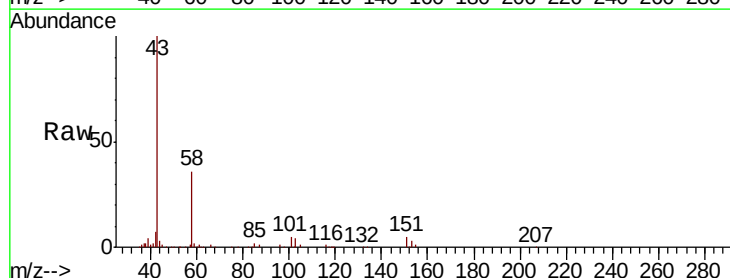
RT: 3.96 min Scan# 364

Delta R.T. -0.00 min

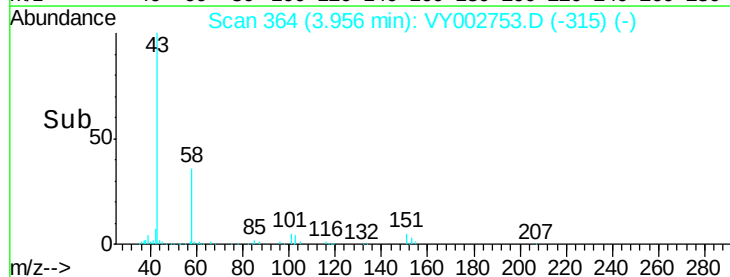
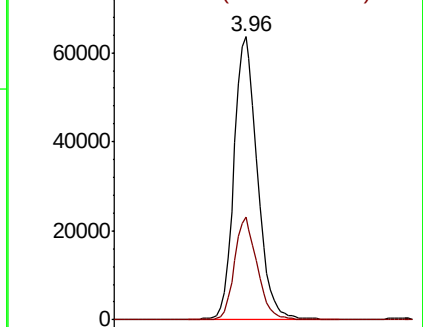
Lab File: VY002753.D

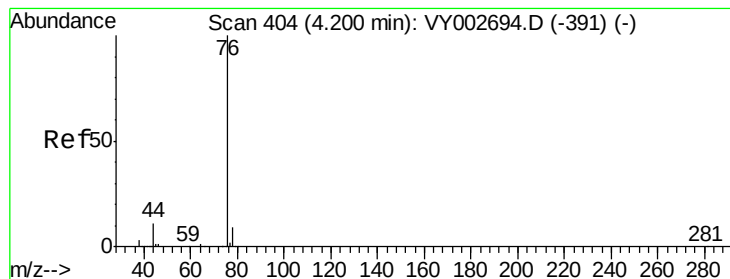
Acq: 22 May 2020 15:49

Tgt Ion:	43	Resp:	177873
Ion	Ratio	Lower	Upper
43	100		
58	36.2	28.6	43.0



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0





#17

Carbon Disulfide

Concen: 44.049 ug/l

RT: 4.20 min Scan# 404

Delta R.T. -0.00 min

Lab File: VY002753.D

Acq: 22 May 2020 15:49

Instrument :

MSVOA_Y

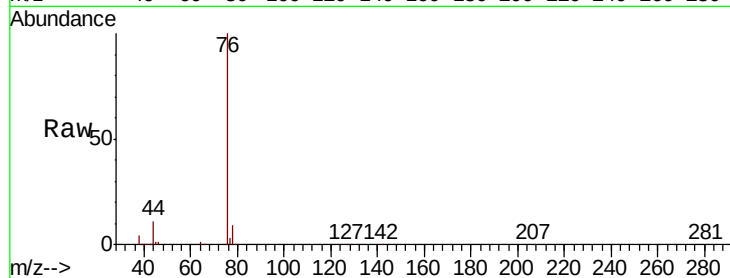
ClientSampleId :

Tot Ion: 76 Resp: 447607

Ion Ratio Lower Upper

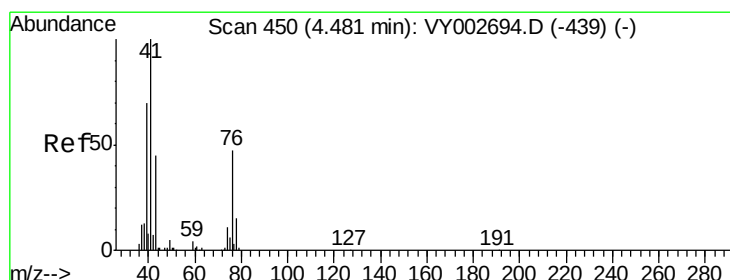
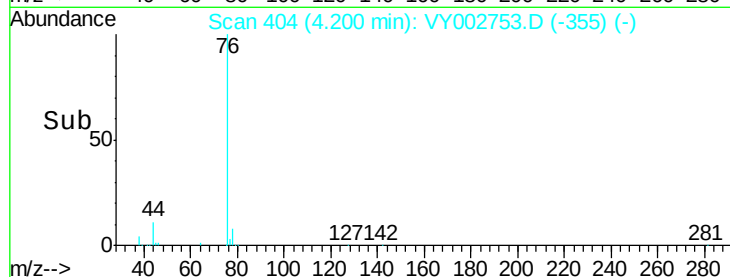
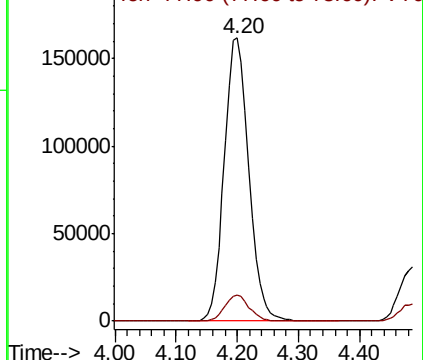
76 100

78 9.1 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 49.094 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY002753.D

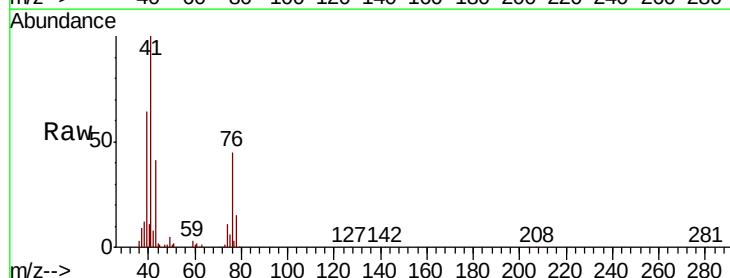
Acq: 22 May 2020 15:49

Tgt Ion: 43 Resp: 83363

Ion Ratio Lower Upper

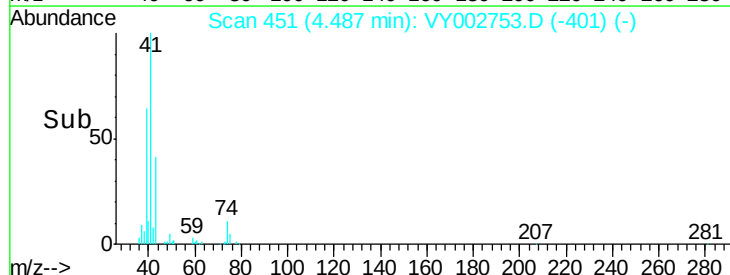
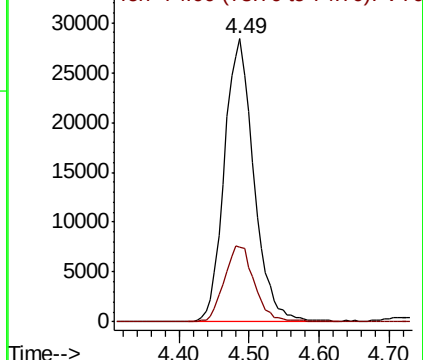
43 100

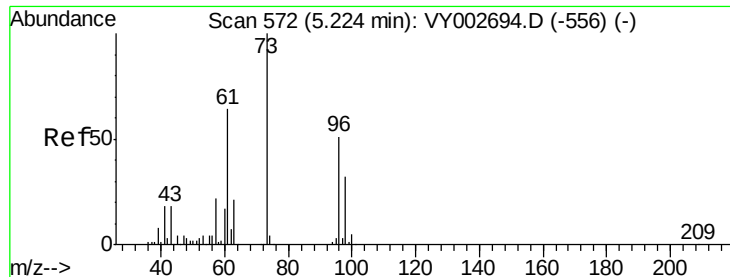
74 27.3 21.1 31.7



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

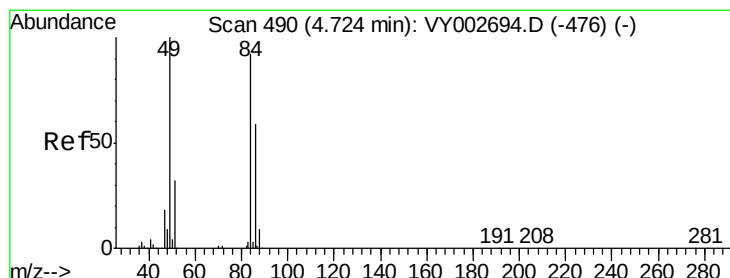
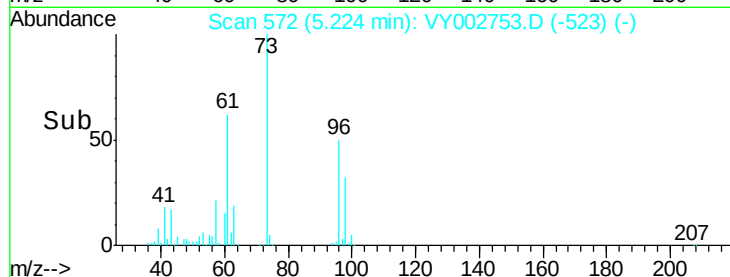
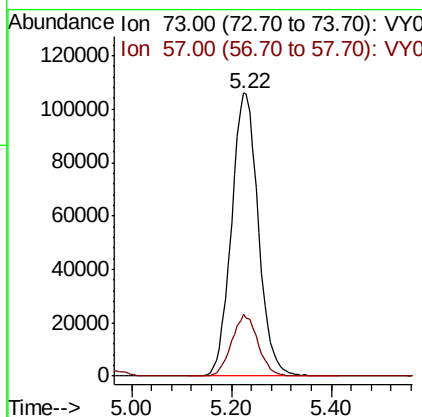
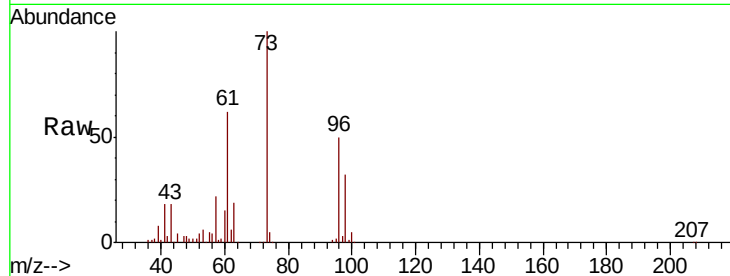




#19
Methyl tert-butyl Ether
Concen: 49.153 ug/l
RT: 5.22 min Scan# 572
Delta R.T. 0.00 min
Lab File: VY002753.D
Acq: 22 May 2020 15:49

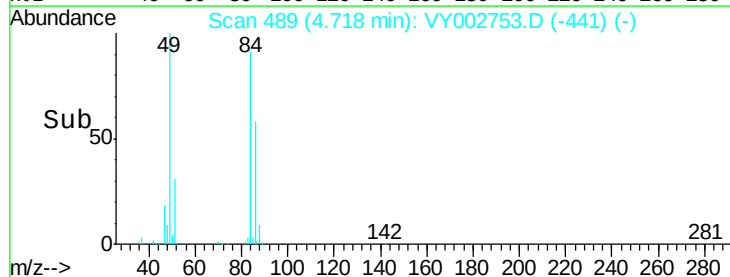
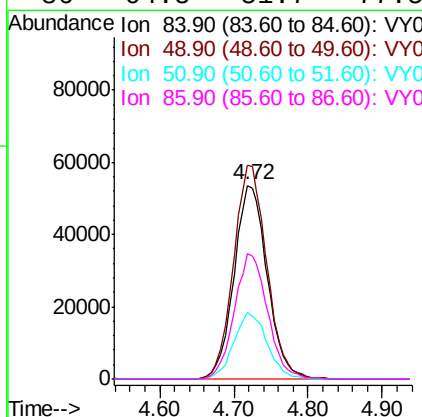
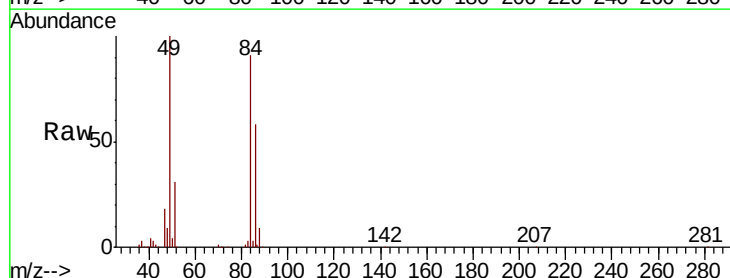
Instrument :
MSVOA_Y
ClientSampleId :

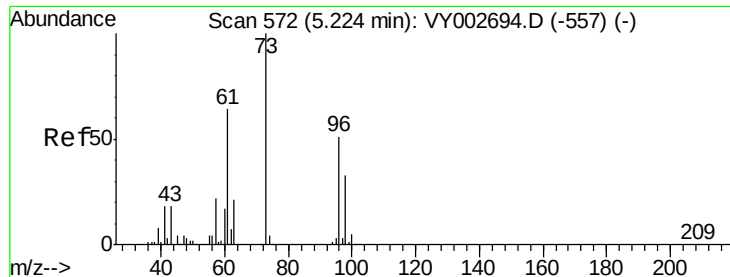
Tot Ion: 73 Resp: 394962
Ion Ratio Lower Upper
73 100
57 21.7 17.3 25.9



#20
Methylene Chloride
Concen: 46.535 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY002753.D
Acq: 22 May 2020 15:49

Tgt Ion: 84 Resp: 167522
Ion Ratio Lower Upper
84 100
49 110.3 87.4 131.0
51 34.1 27.9 41.9
86 64.5 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 45.073 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.00 min

Lab File: VY002753.D

Acq: 22 May 2020 15:49

Instrument :

MSVOA_Y

ClientSampled :

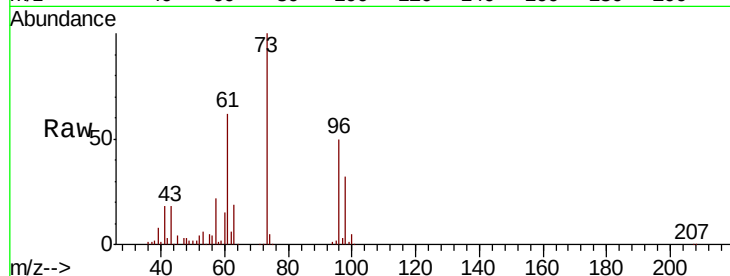
Tot Ion: 96 Resp: 162367

Ion Ratio Lower Upper

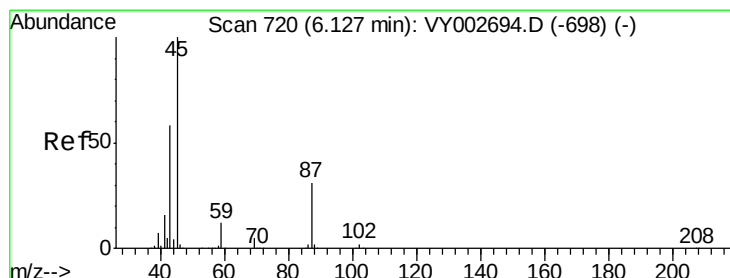
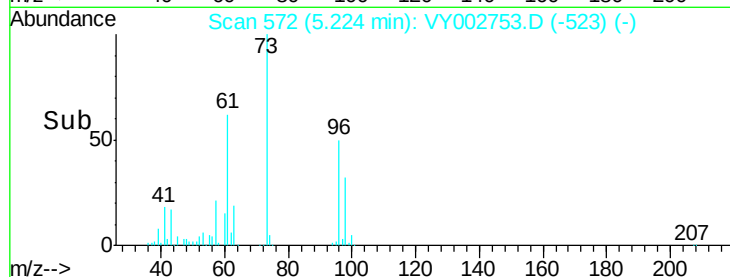
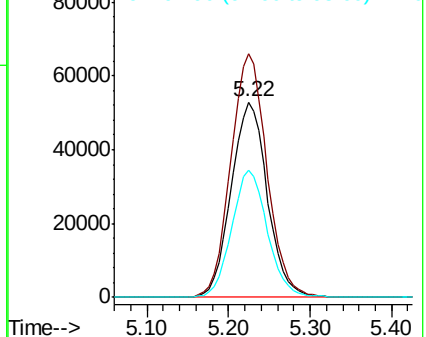
96 100

61 124.4 99.6 149.4

98 64.8 50.6 76.0



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: 48.023 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.00 min

Lab File: VY002753.D

Acq: 22 May 2020 15:49

Tgt Ion: 45 Resp: 443119

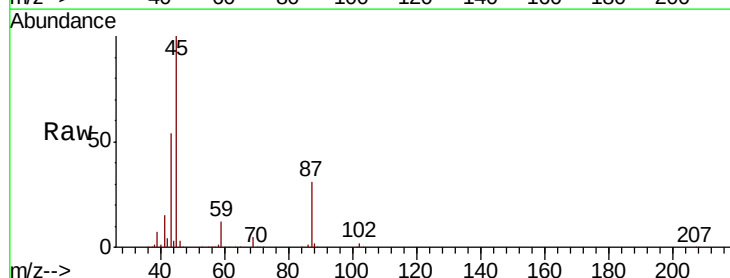
Ion Ratio Lower Upper

45 100

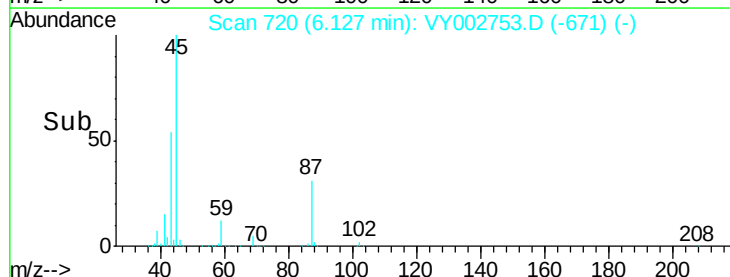
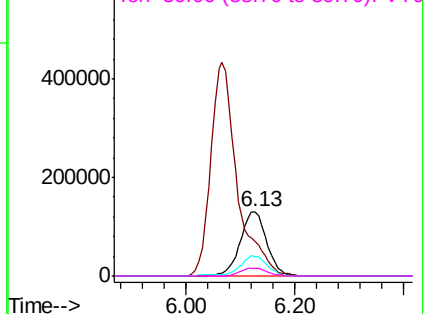
43 54.1 46.1 69.1

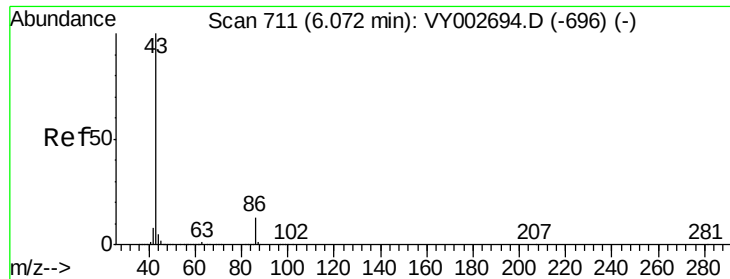
87 30.5 24.9 37.3

59 12.2 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: 245.927 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY002753.D

Acq: 22 May 2020 15:49

Instrument :

MSVOA_Y

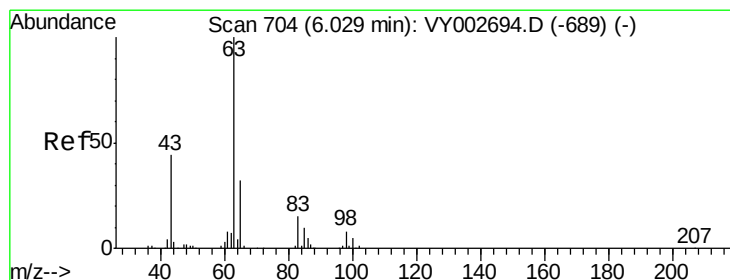
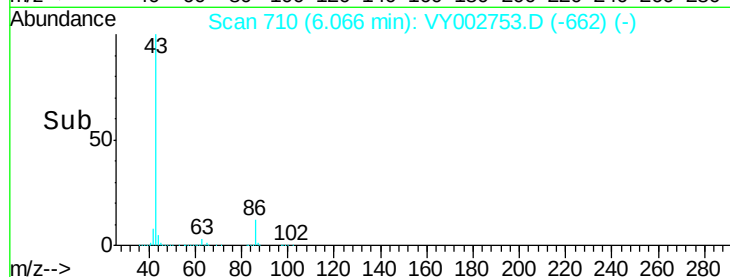
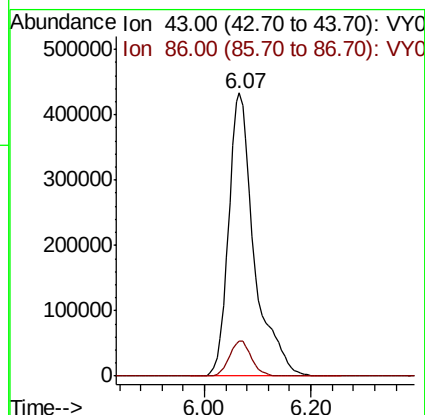
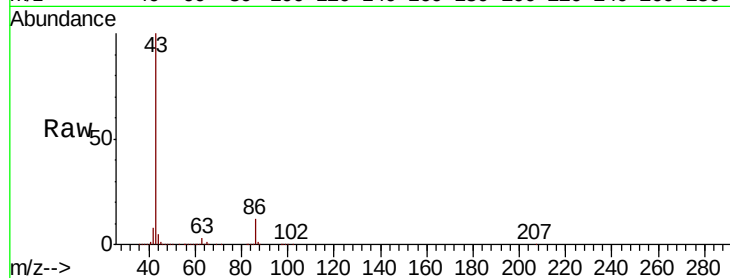
ClientSampleId :

Tot Ion: 43 Resp: 1453032

Ion Ratio Lower Upper

43 100

86 12.4 10.1 15.1



#24

1,1-Dichloroethane

Concen: 47.118 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY002753.D

Acq: 22 May 2020 15:49

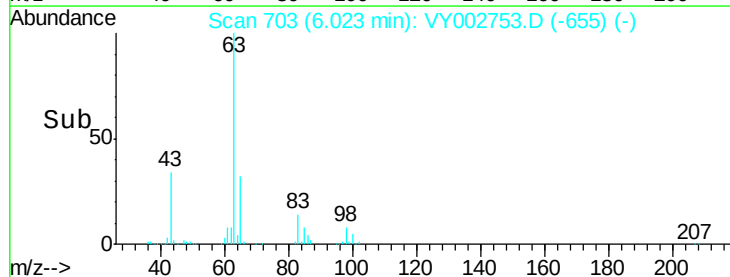
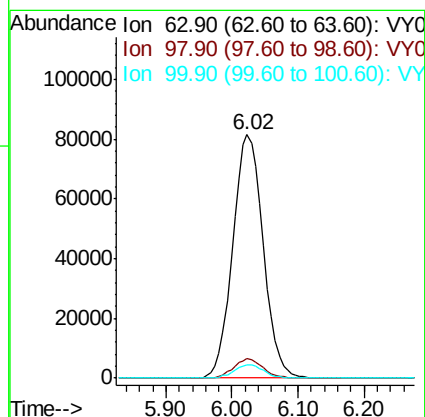
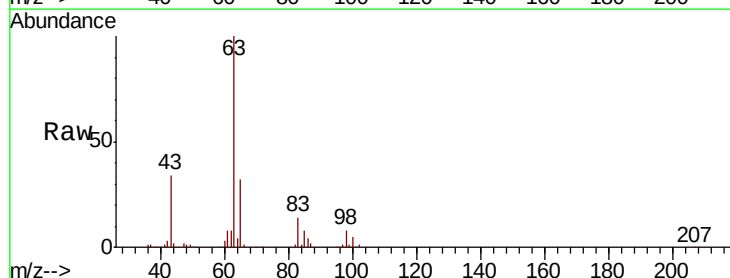
Tgt Ion: 63 Resp: 259796

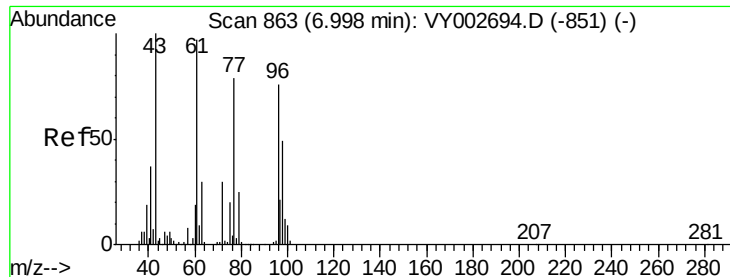
Ion Ratio Lower Upper

63 100

98 8.2 4.0 11.9

100 5.2 2.5 7.6





#25

2-Butanone

Concen: 262.979 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY002753.D

Acq: 22 May 2020 15:49

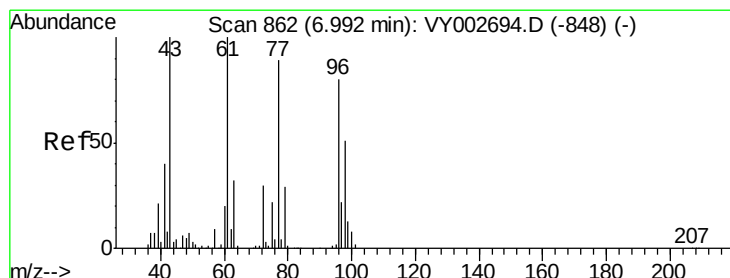
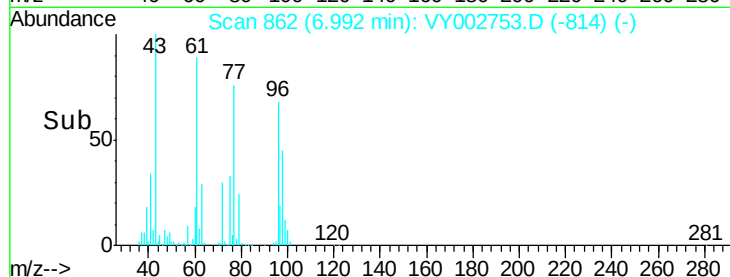
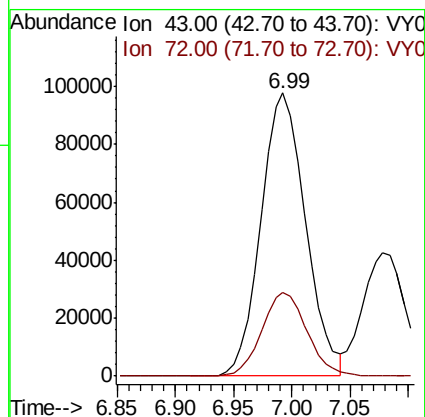
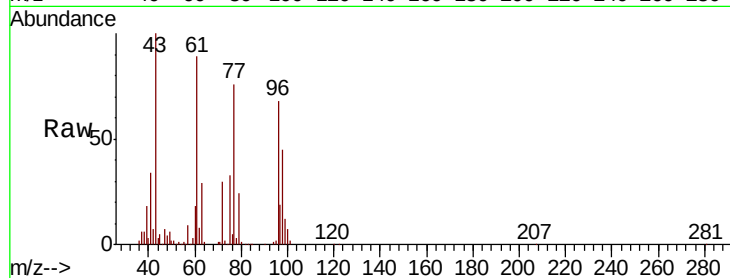
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 259125

Ion Ratio Lower Upper

43 100

72 29.7 24.1 36.1



#26

2,2-Dichloropropane

Concen: 45.723 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY002753.D

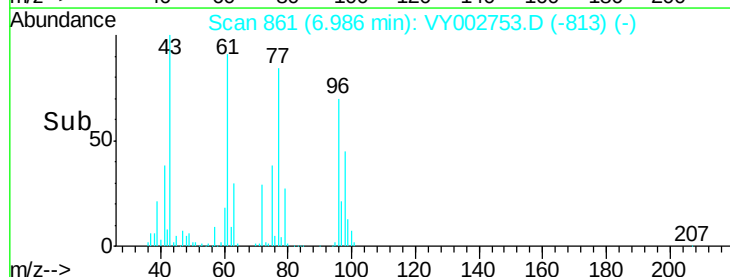
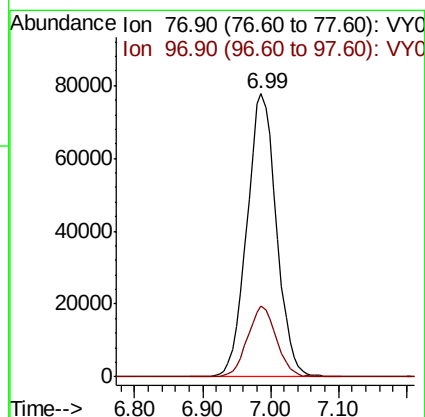
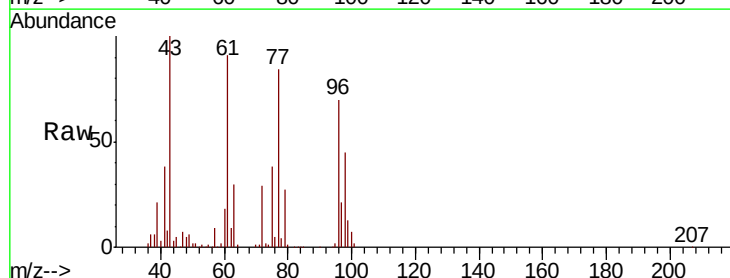
Acq: 22 May 2020 15:49

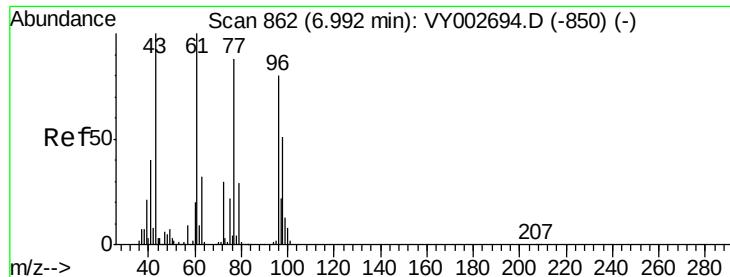
Tgt Ion: 77 Resp: 234566

Ion Ratio Lower Upper

77 100

97 24.4 12.3 36.9



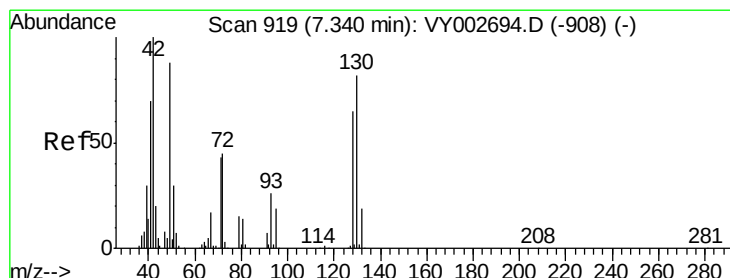
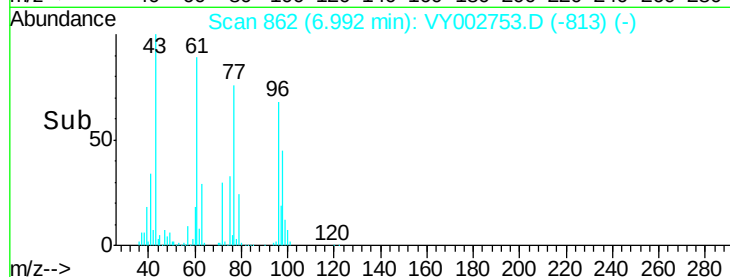
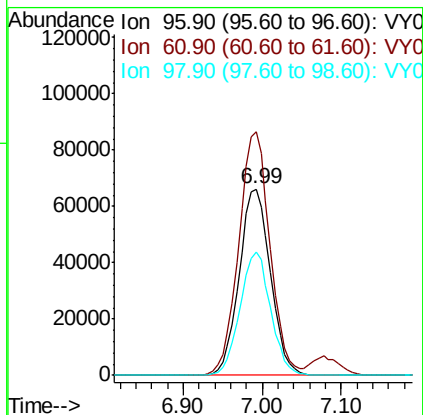
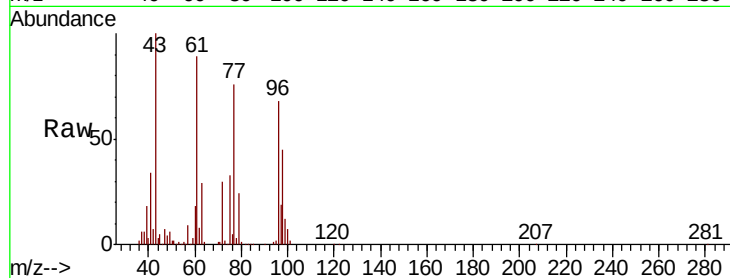


#27

cis-1,2-Dichloroethene
 Concen: 46.904 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.00 min
 Lab File: VY002753.D
 Acq: 22 May 2020 15:49

Instrument :
 MSVOA_Y
 ClientSampled :

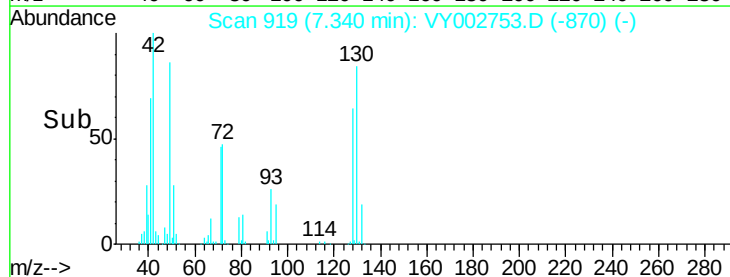
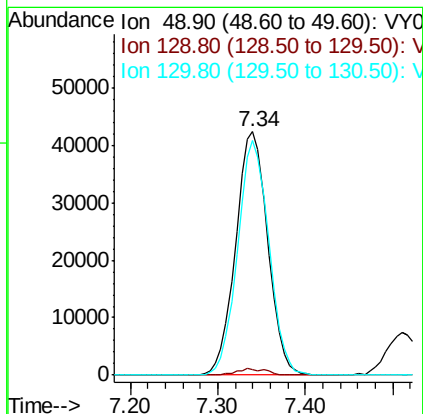
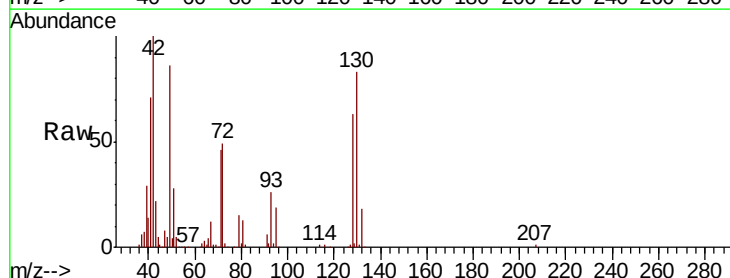
Tot Ion	96	Resp	182566
Ion Ratio	Lower	Upper	
96	100		
61	130.8	0.0	258.0
98	64.7	0.0	128.4

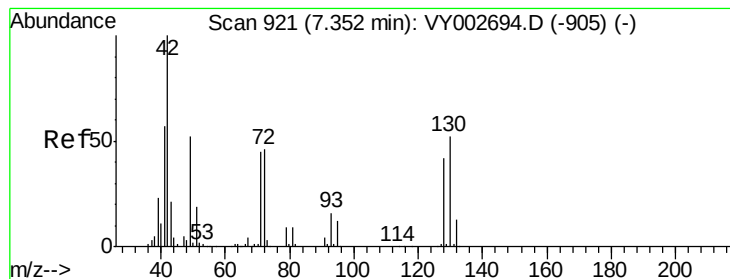


#28

Bromochloromethane
 Concen: 49.515 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: VY002753.D
 Acq: 22 May 2020 15:49

Tgt Ion	49	Resp	108001
Ion Ratio	Lower	Upper	
49	100		
129	2.4	0.0	4.6
130	94.3	75.3	112.9





#29

Tetrahydrofuran

Concen: 248.664 ug/l

RT: 7.35 min Scan# 921

Delta R.T. 0.00 min

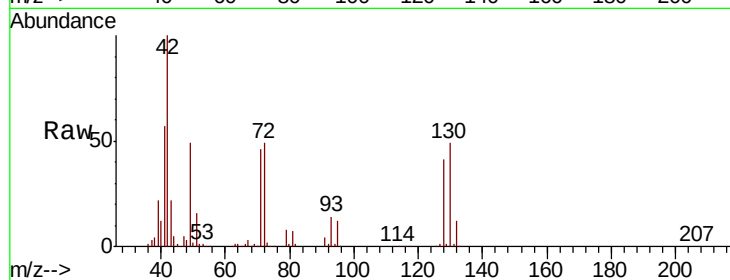
Lab File: VY002753.D

Acq: 22 May 2020 15:49

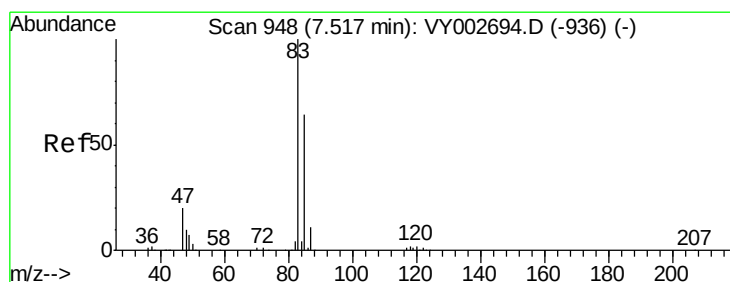
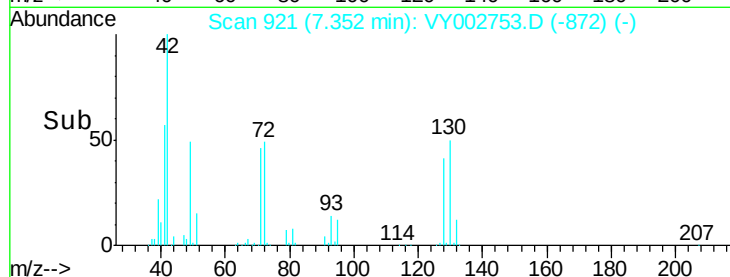
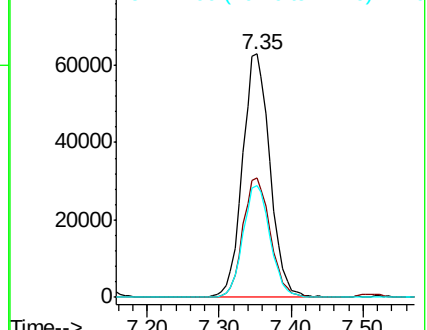
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 42 Resp: 166710

Ion	Ratio	Lower	Upper
42	100		
72	48.9	38.2	57.2
71	45.2	35.8	53.8



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: 47.647 ug/l

RT: 7.51 min Scan# 947

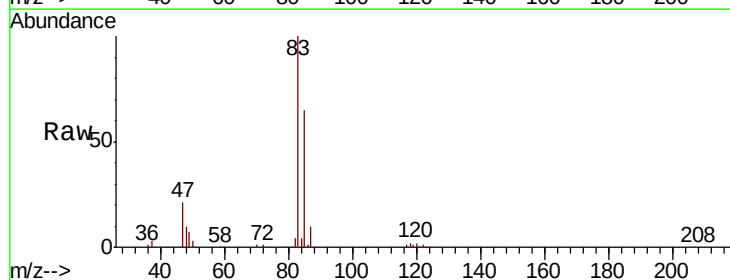
Delta R.T. -0.01 min

Lab File: VY002753.D

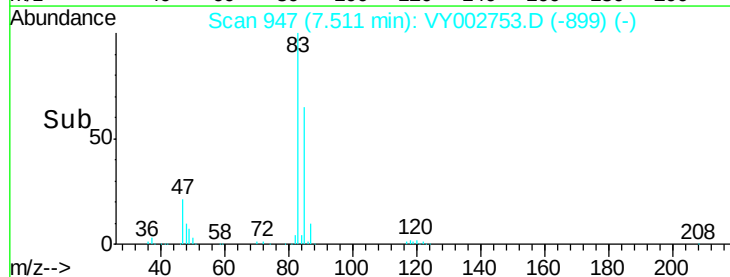
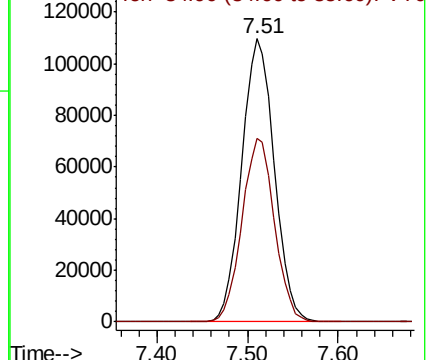
Acq: 22 May 2020 15:49

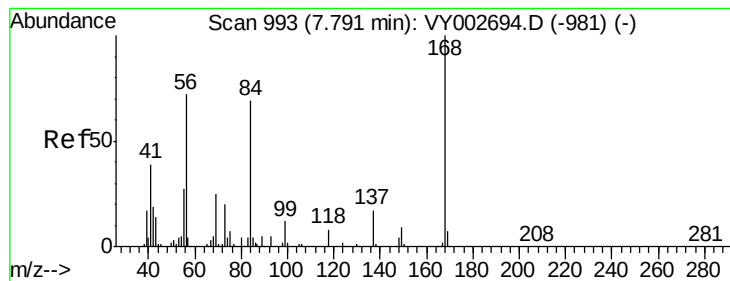
Tgt Ion: 83 Resp: 272661

Ion	Ratio	Lower	Upper
83	100		
85	65.0	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: 43.742 ug/l

RT: 7.78 min Scan# 992

Delta R.T. -0.01 min

Lab File: VY002753.D

Acq: 22 May 2020 15:49

Instrument :
MSVOA_Y
ClientSampled :

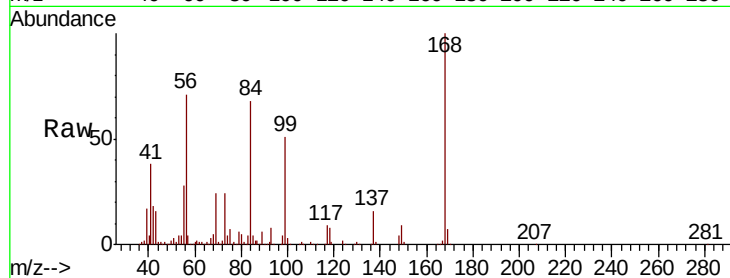
Tot Ion: 56 Resp: 244616

Ion Ratio Lower Upper

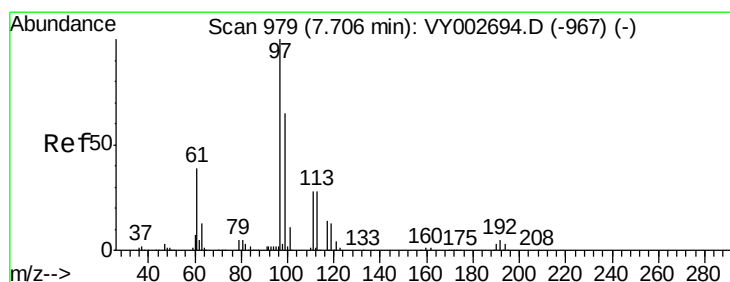
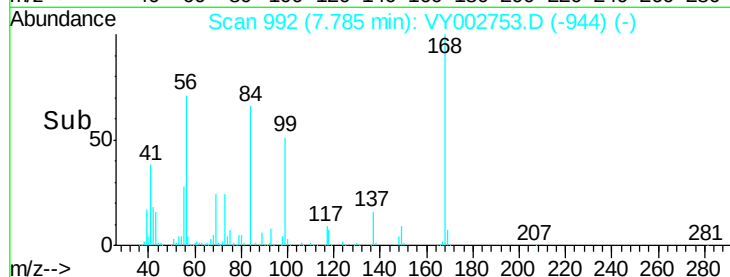
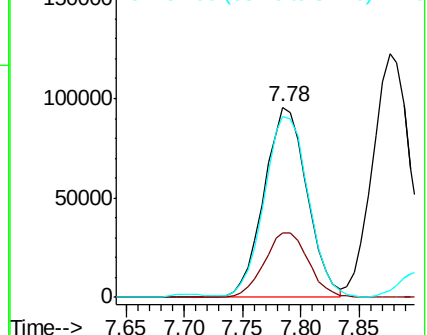
56 100

69 33.9 27.7 41.5

84 93.1 77.0 115.4



Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 46.971 ug/l

RT: 7.71 min Scan# 979

Delta R.T. -0.00 min

Lab File: VY002753.D

Acq: 22 May 2020 15:49

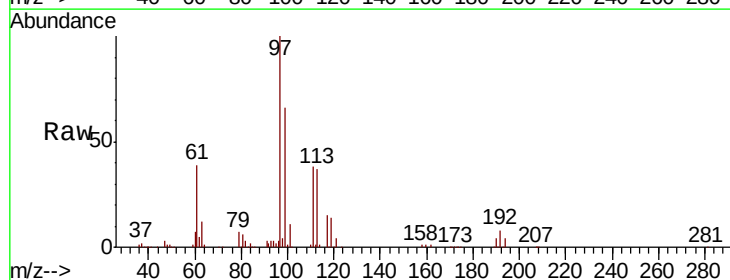
Tgt Ion: 97 Resp: 248363

Ion Ratio Lower Upper

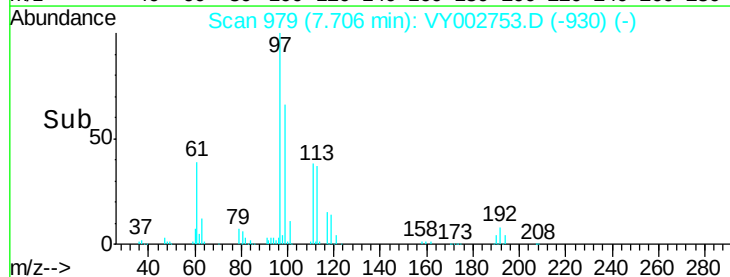
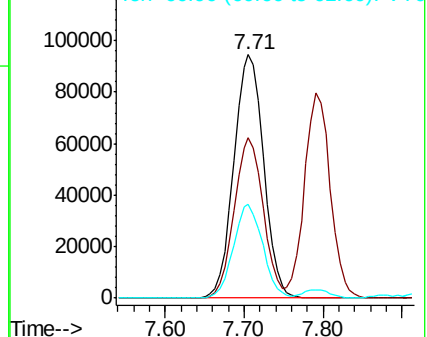
97 100

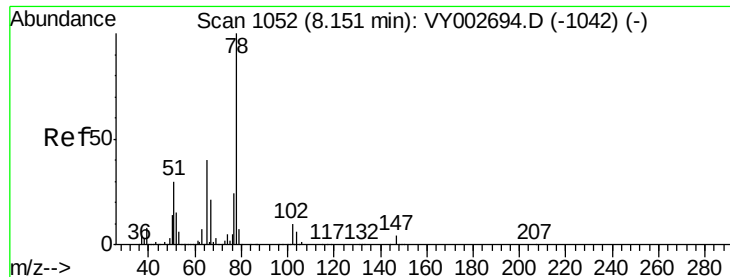
99 63.9 51.6 77.4

61 37.8 30.6 45.8



Abundance Ion 96.90 (96.60 to 97.60): VY0
Ion 98.90 (98.60 to 99.60): VY0
Ion 60.90 (60.60 to 61.60): VY0

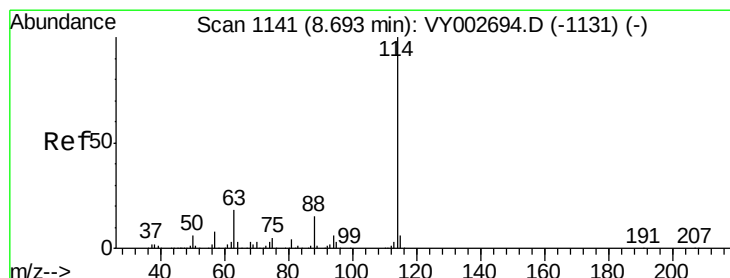
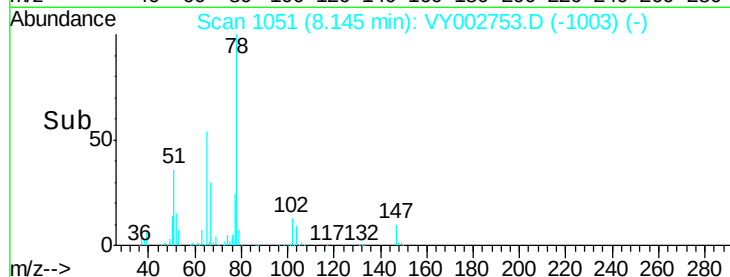
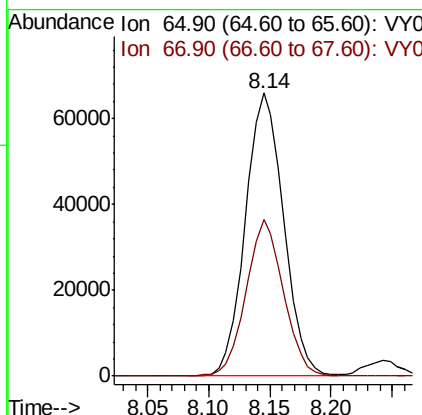
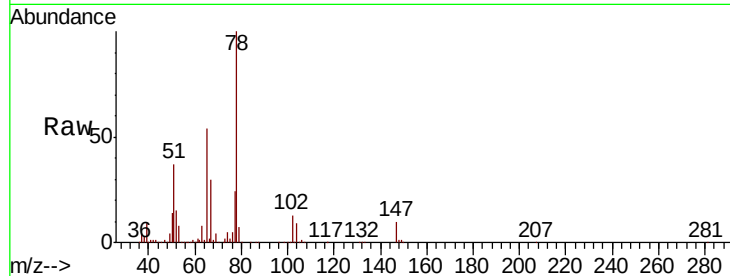




#33
 1,2-Dichloroethane-d4
 Concen: 49.733 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: VY002753.D
 Acq: 22 May 2020 15:49

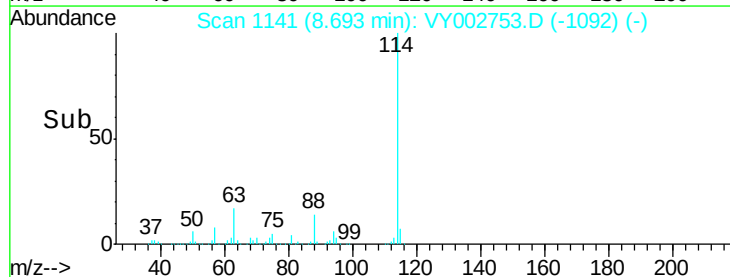
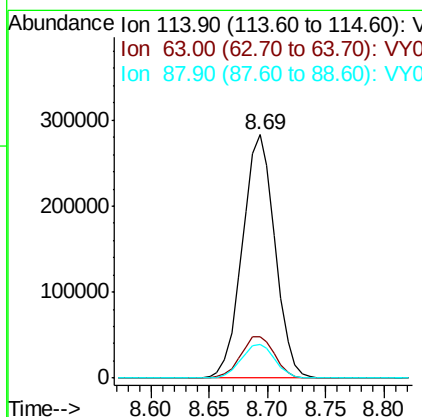
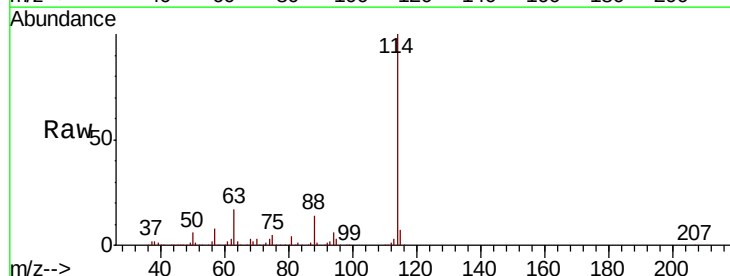
Instrument :
 MSVOA_Y
 ClientSampleId :

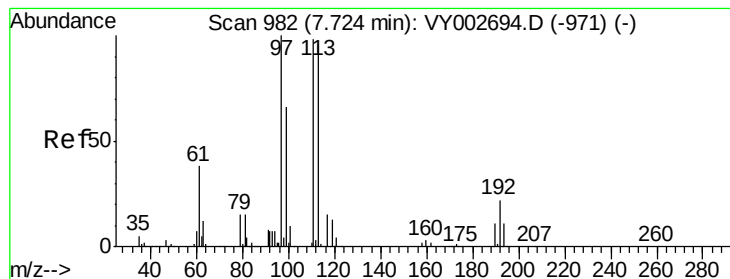
Tot Ion	Ratio	Lower	Upper
65	100		
67	53.9	0.0	109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY002753.D
 Acq: 22 May 2020 15:49

Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.0	0.0	35.4
88	14.1	0.0	29.4





#35

Dibromofluoromethane

Concen: 48.868 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.00 min

Lab File: VY002753.D

Acq: 22 May 2020 15:49

Instrument :
MSVOA_Y
ClientSampleId :

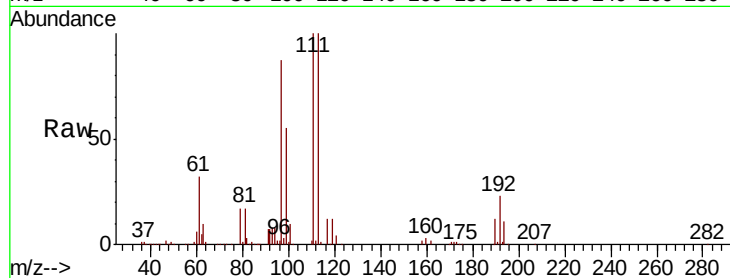
Tot Ion:113 Resp: 148604

Ion Ratio Lower Upper

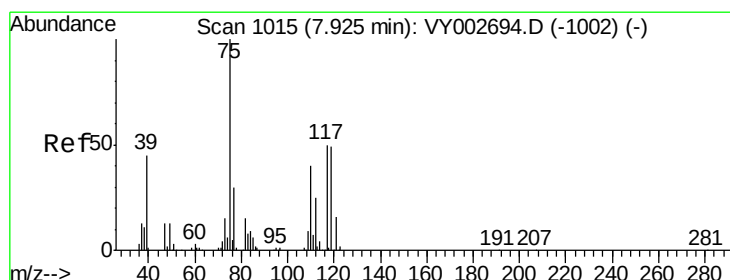
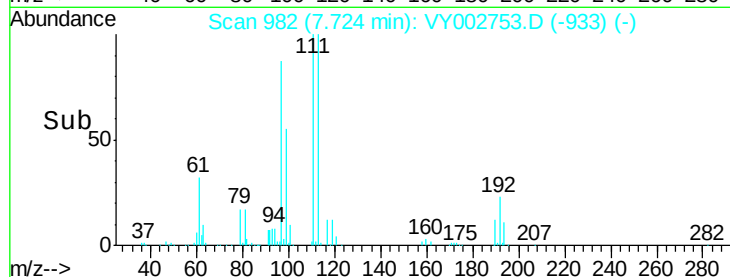
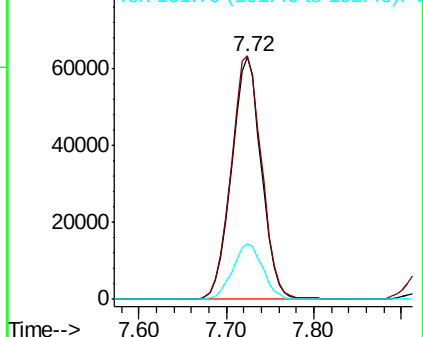
113 100

111 103.0 81.9 122.9

192 23.1 18.6 27.8



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 45.884 ug/l

RT: 7.92 min Scan# 1014

Delta R.T. -0.01 min

Lab File: VY002753.D

Acq: 22 May 2020 15:49

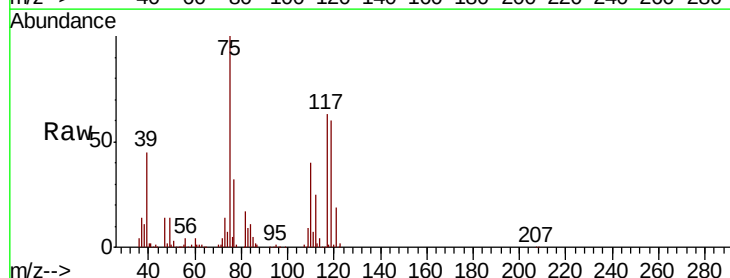
Tgt Ion: 75 Resp: 214030

Ion Ratio Lower Upper

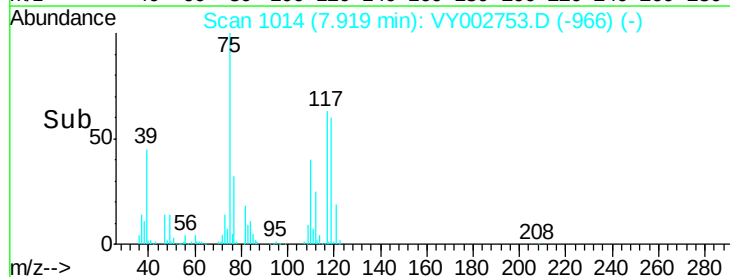
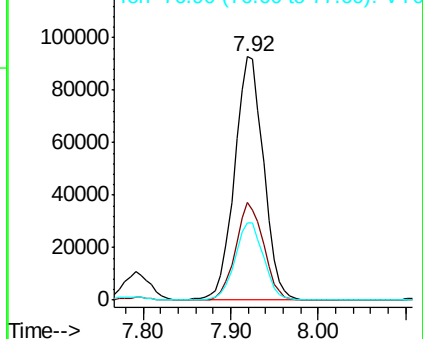
75 100

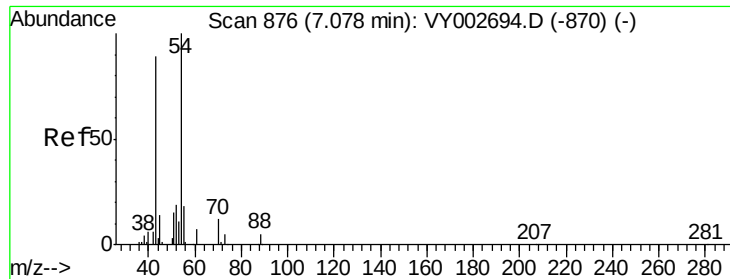
110 38.7 19.4 58.4

77 31.5 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VY0

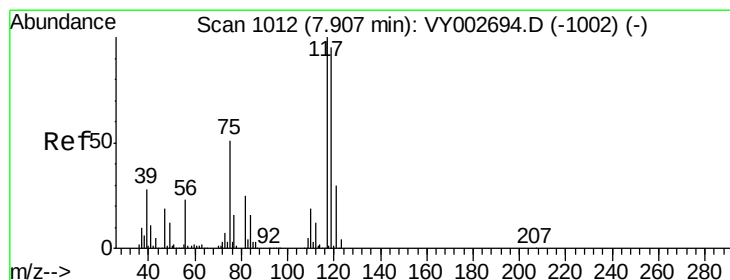
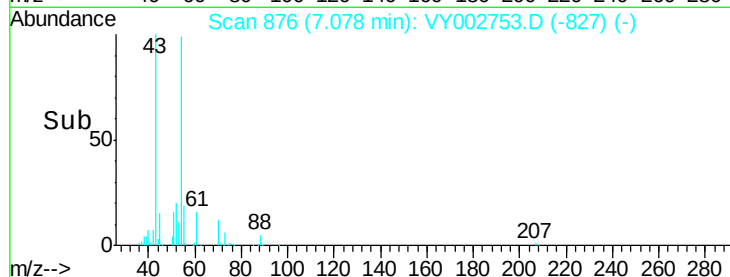
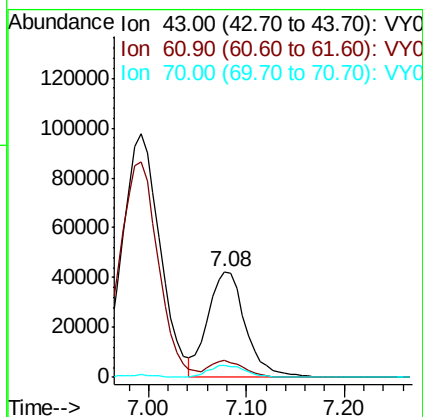
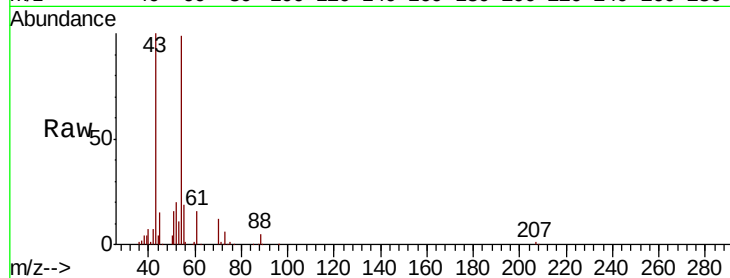




#37
Ethyl Acetate
Concen: 49.240 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.00 min
Lab File: VY002753.D
Acq: 22 May 2020 15:49

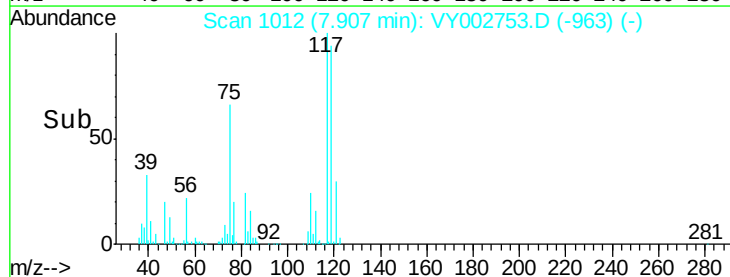
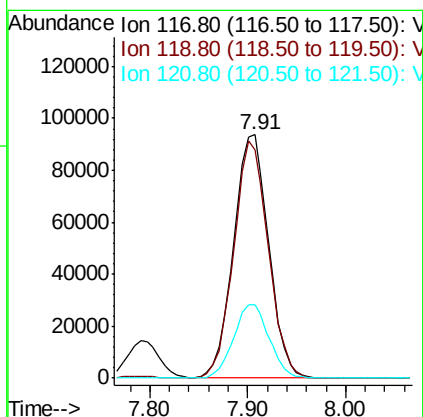
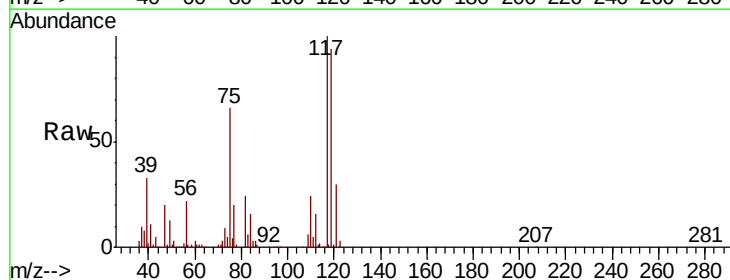
Instrument :
MSVOA_Y
ClientSampled :

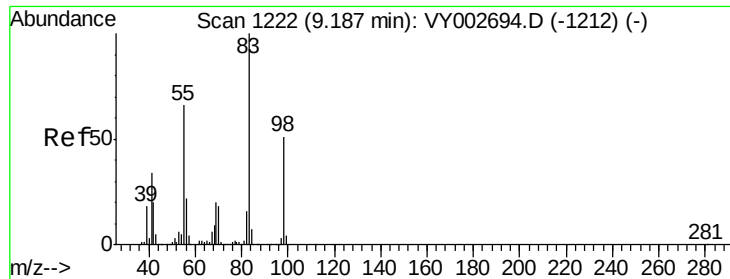
Tot Ion: 43 Resp: 112969
Ion Ratio Lower Upper
43 100
61 14.6 11.8 17.8
70 11.5 9.2 13.8



#38
Carbon Tetrachloride
Concen: 46.437 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VY002753.D
Acq: 22 May 2020 15:49

Tgt Ion: 117 Resp: 232801
Ion Ratio Lower Upper
117 100
119 93.7 76.3 114.5
121 30.3 24.2 36.2

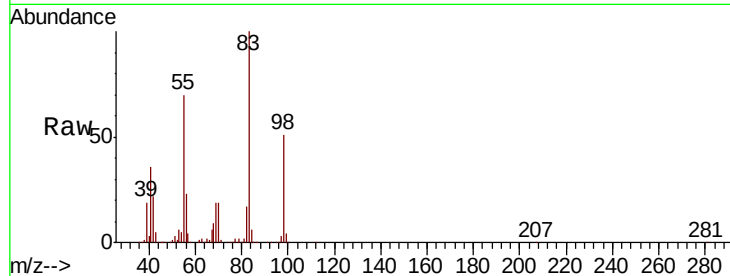




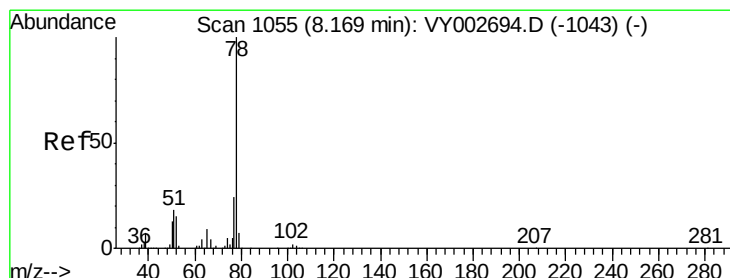
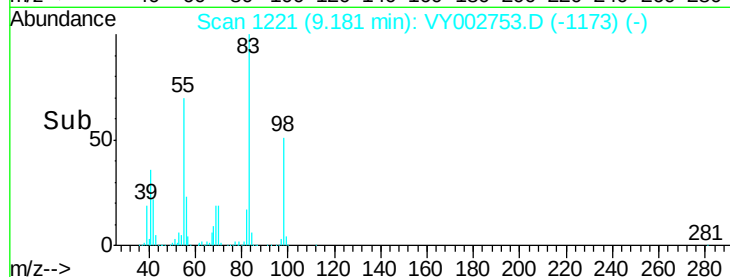
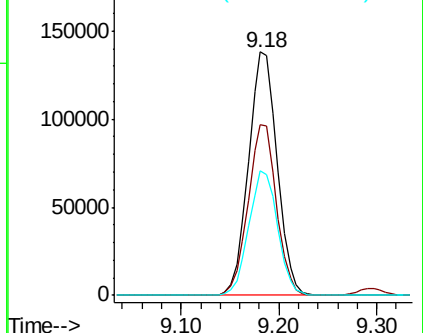
#39
Methylvlcyclohexane
Concen: 44.712 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. -0.01 min
Lab File: VY002753.D
Acq: 22 May 2020 15:49

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 83 Resp: 280439
Ion Ratio Lower Upper
83 100
55 69.8 53.0 79.6
98 51.0 40.8 61.2

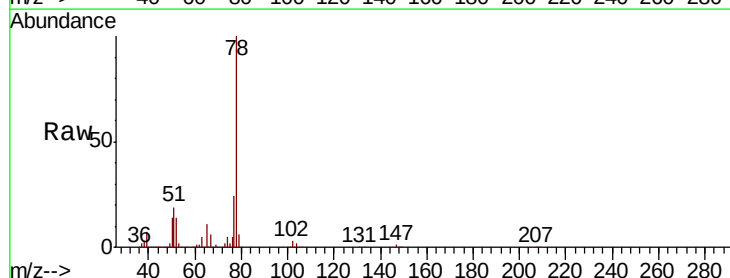


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

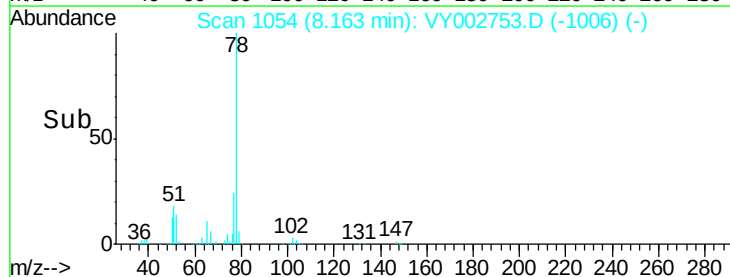
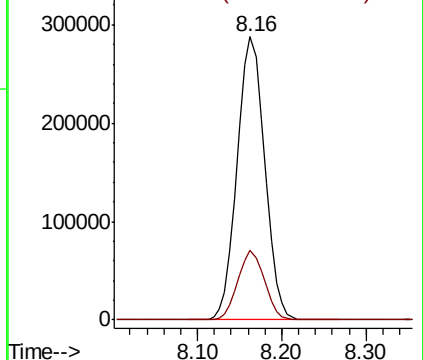


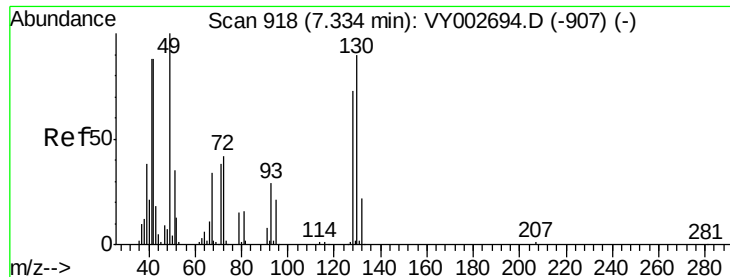
#40
Benzene
Concen: 46.525 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY002753.D
Acq: 22 May 2020 15:49

Tgt Ion: 78 Resp: 633216
Ion Ratio Lower Upper
78 100
77 24.4 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VY0
Ion 77.00 (76.70 to 77.70): VY0

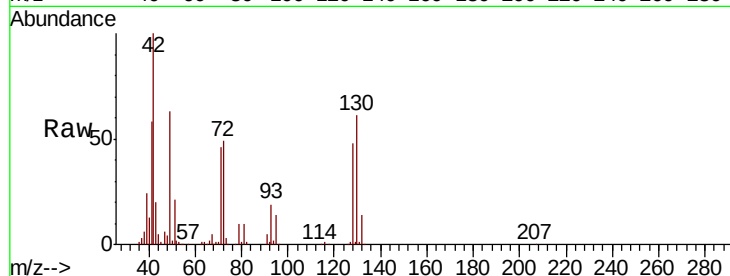




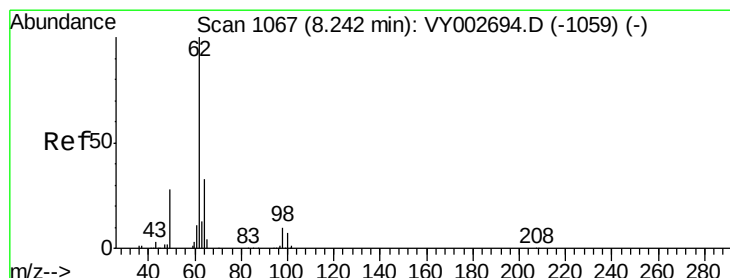
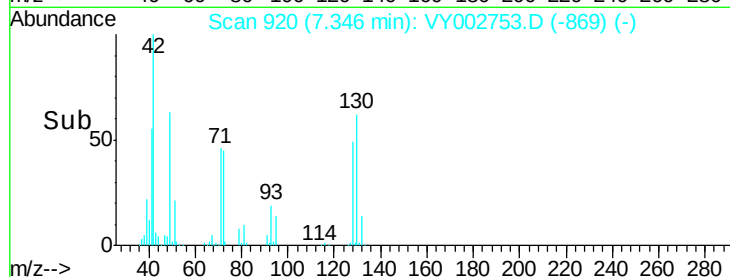
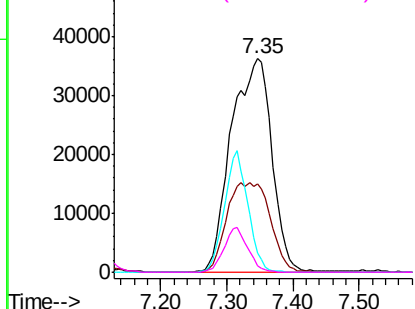
#41
Methacrylonitrile
Concen: 112.543 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.01 min
Lab File: VY002753.D
Acq: 22 May 2020 15:49

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:	41	Resp:	155128
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

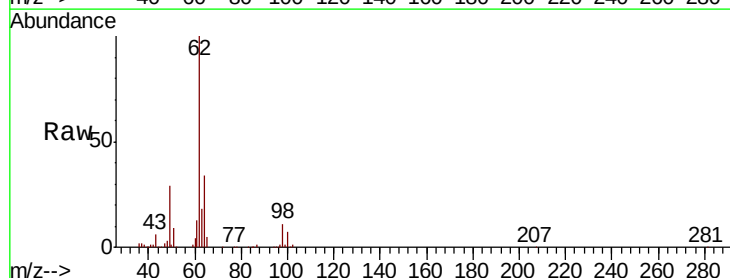


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

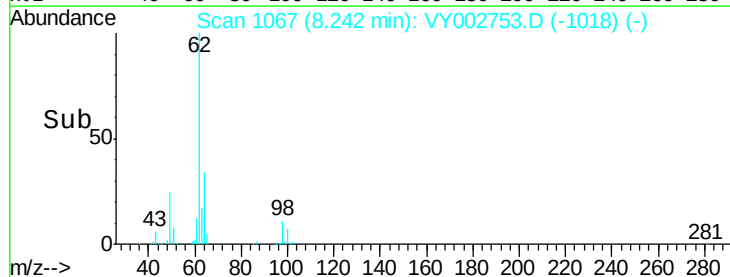
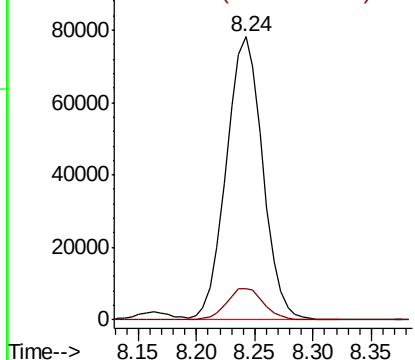


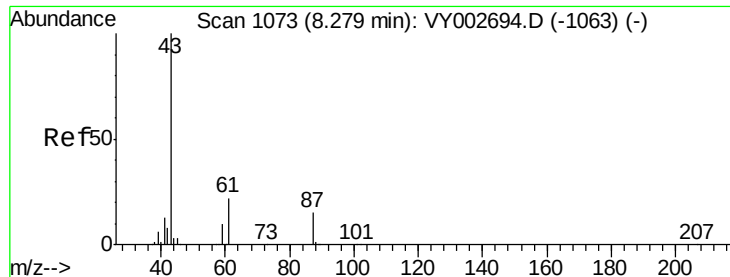
#42
1,2-Dichloroethane
Concen: 47.319 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY002753.D
Acq: 22 May 2020 15:49

Tgt Ion:	62	Resp:	169859
Ion	Ratio	Lower	Upper
62	100		
98	11.1	0.0	21.8



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





#43

Isopropyl Acetate

Concen: 49.969 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.00 min

Lab File: VY002753.D

Acq: 22 May 2020 15:49

Instrument :

MSVOA_Y

ClientSampleId :

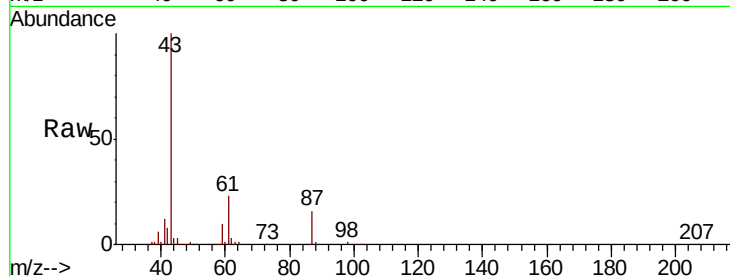
Tot Ion: 43 Resp: 213053

Ion Ratio Lower Upper

43 100

61 31.2 24.9 37.3

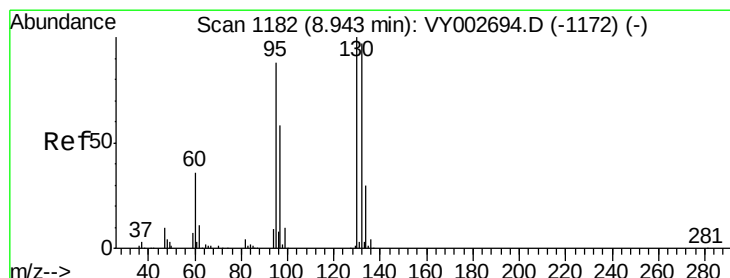
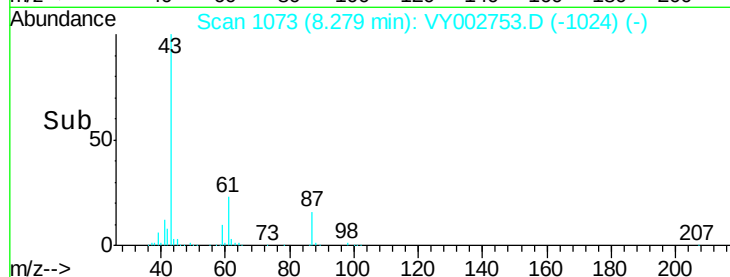
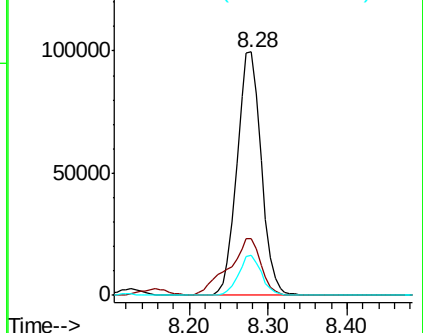
87 15.6 12.6 19.0



Abundance Ion 43.00 (42.70 to 43.70): VY002753.D (-1024) (-)

Ion 61.00 (60.70 to 61.70): VY002753.D (-1024) (-)

Ion 87.00 (86.70 to 87.70): VY002753.D (-1024) (-)



#44

Trichloroethene

Concen: 46.299 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VY002753.D

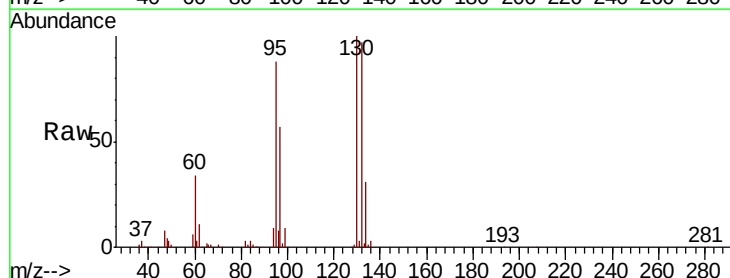
Acq: 22 May 2020 15:49

Tgt Ion:130 Resp: 200864

Ion Ratio Lower Upper

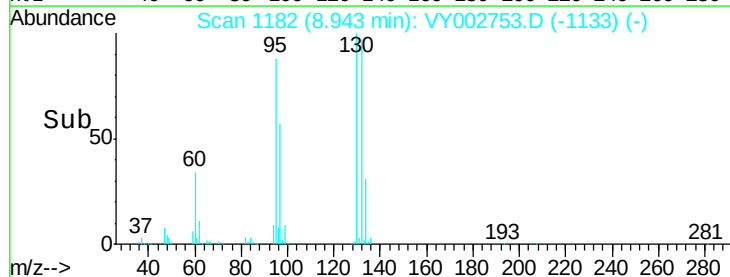
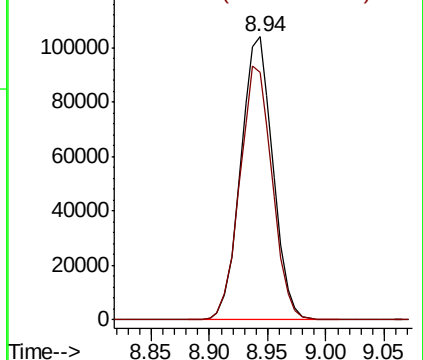
130 100

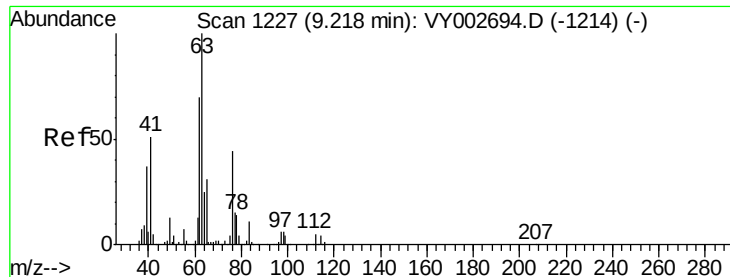
95 87.7 0.0 176.4



Abundance Ion 129.80 (129.50 to 130.50): VY002753.D (-1133) (-)

Ion 94.90 (94.60 to 95.60): VY002753.D (-1133) (-)

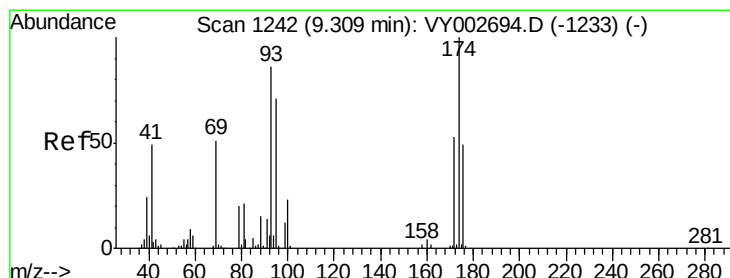
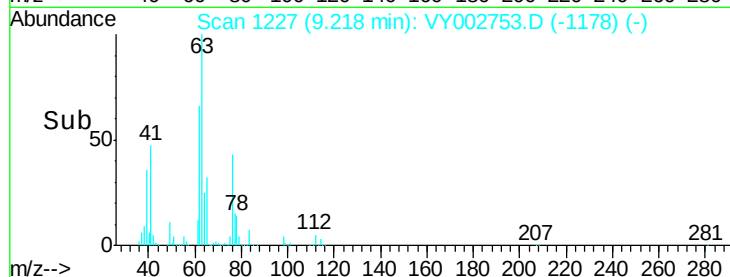
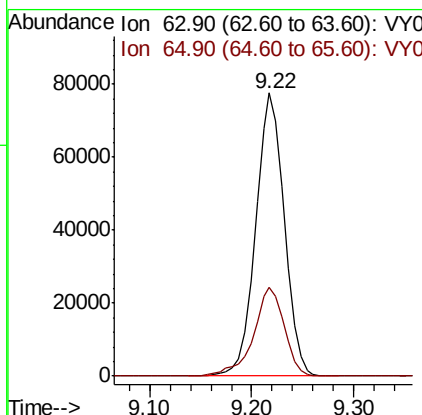
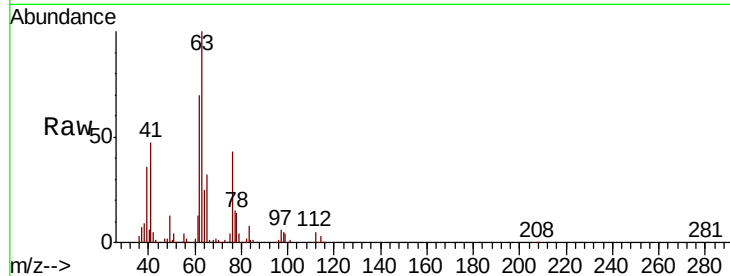




#45
 1,2-Dichloropropane
 Concen: 46.999 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY002753.D
 Acq: 22 May 2020 15:49

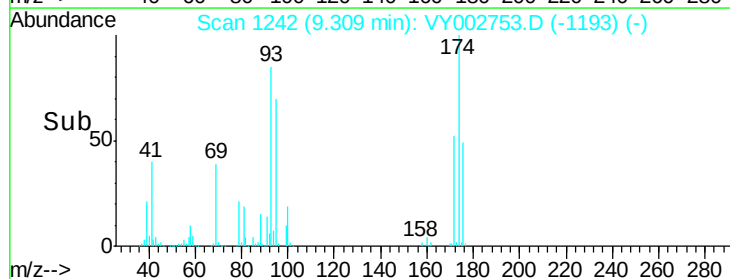
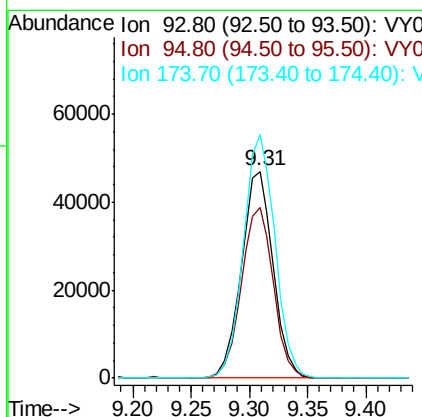
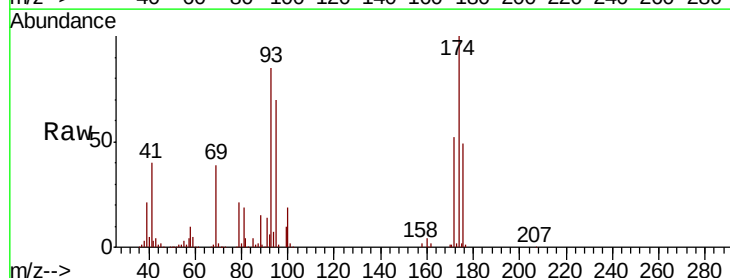
Instrument :
 MSVOA_Y
 ClientSampled :

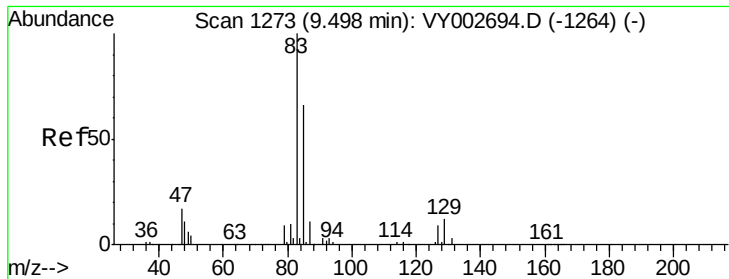
Tot Ion: 63 Resp: 151817
 Ion Ratio Lower Upper
 63 100
 65 31.6 24.7 37.1



#46
 Dibromomethane
 Concen: 48.960 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY002753.D
 Acq: 22 May 2020 15:49

Tgt Ion: 93 Resp: 88854
 Ion Ratio Lower Upper
 93 100
 95 83.8 66.5 99.7
 174 117.9 95.6 143.4





#47

Bromodichloromethane

Concen: 48.406 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY002753.D

Acq: 22 May 2020 15:49

Instrument :
MSVOA_Y
ClientSampled :

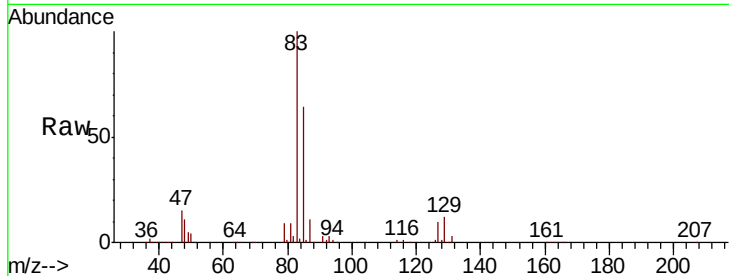
Tot Ion: 83 Resp: 214400

Ion Ratio Lower Upper

83 100

85 63.9 52.4 78.6

127 9.9 7.6 11.4



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): V

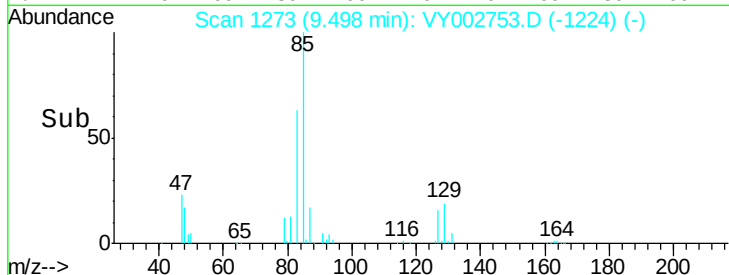
150000

100000

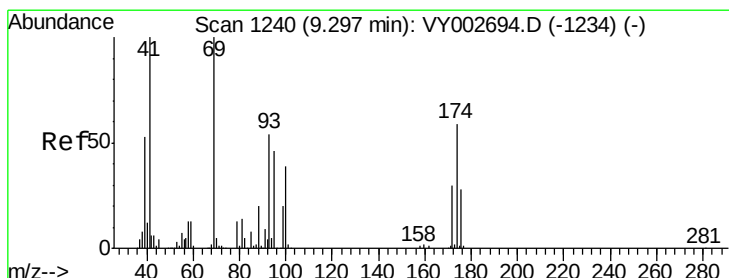
50000

0

9.40 9.45 9.50 9.55 9.60



Time-->



#48

Methyl methacrylate

Concen: 49.320 ug/l

RT: 9.29 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VY002753.D

Acq: 22 May 2020 15:49

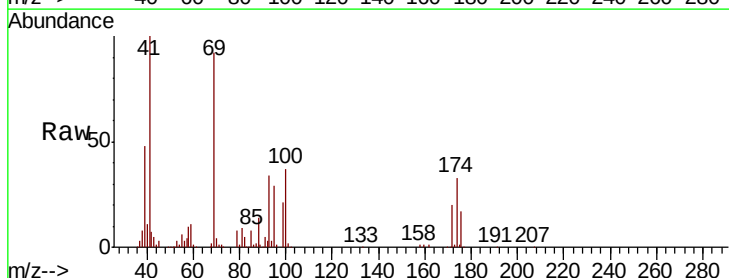
Tgt Ion: 41 Resp: 96822

Ion Ratio Lower Upper

41 100

69 97.6 78.7 118.1

39 54.0 42.9 64.3



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

80000

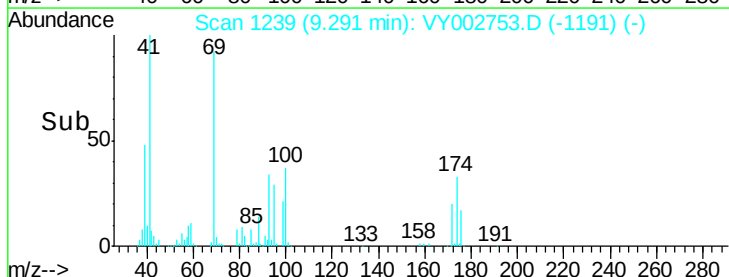
60000

40000

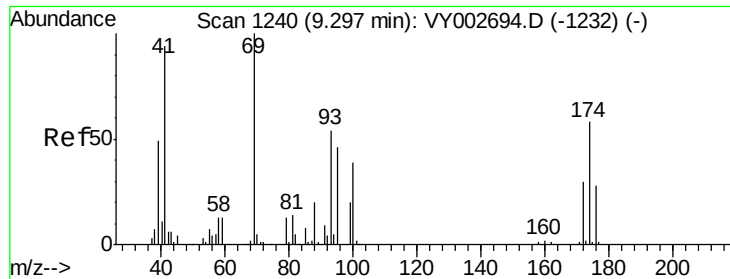
20000

0

9.25 9.30 9.35



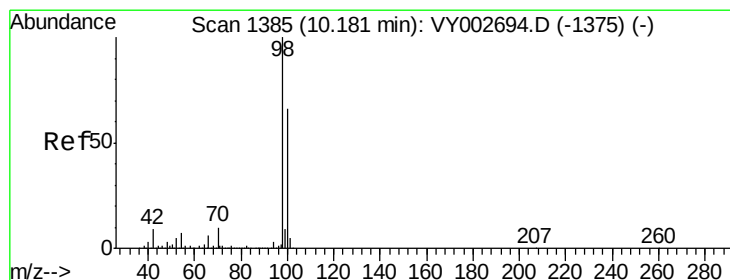
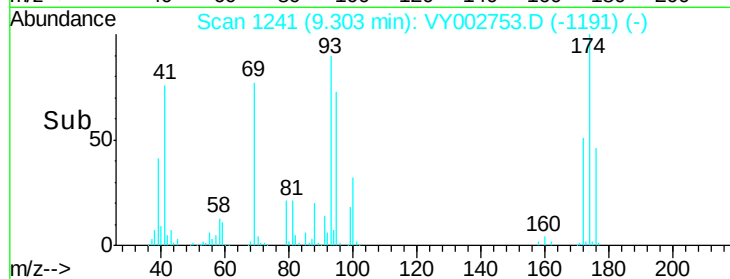
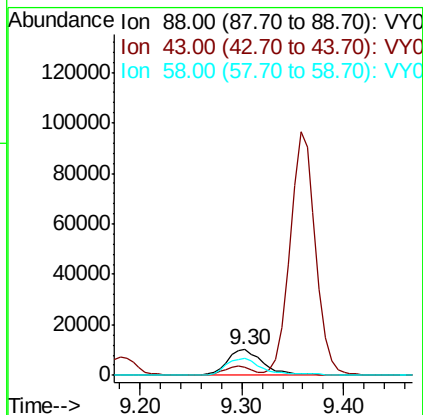
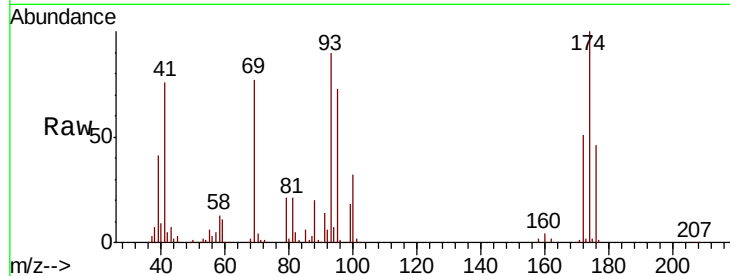
Time-->



#49
 1,4-Dioxane
 Concen: 1023.134 ug/l
 RT: 9.30 min Scan# 1241
 Delta R.T. 0.01 min
 Lab File: VY002753.D
 Acq: 22 May 2020 15:49

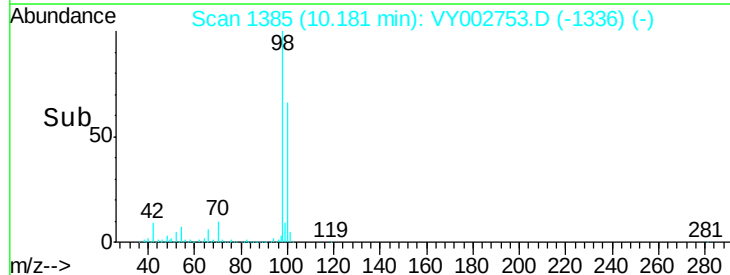
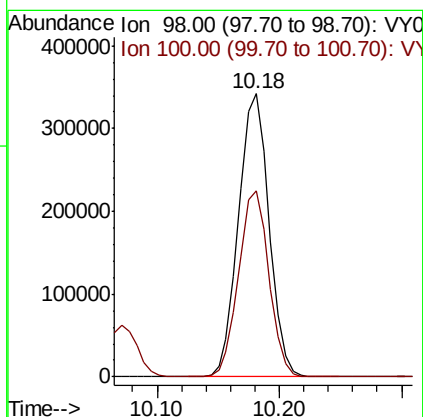
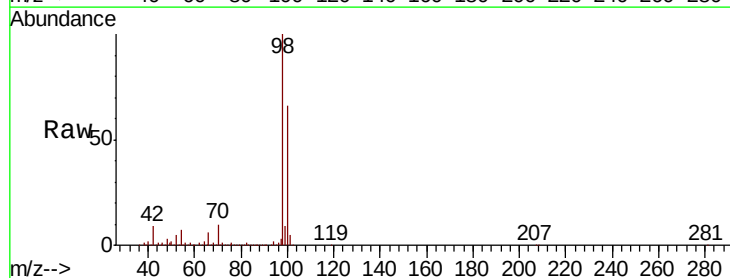
Instrument :
 MSVOA_Y
 ClientSampleId :

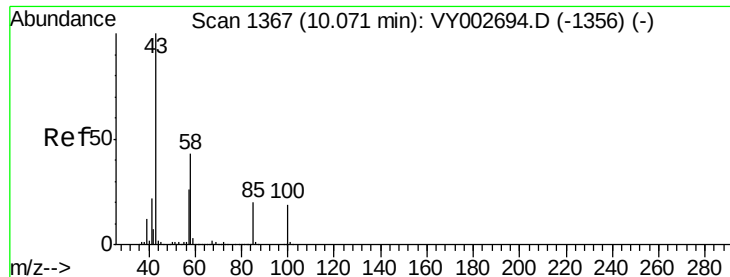
Tot Ion: 88 Resp: 25289
 Ion Ratio Lower Upper
 88 100
 43 27.7 23.4 35.0
 58 68.2 54.5 81.7



#50
 Toluene-d8
 Concen: 48.342 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. -0.00 min
 Lab File: VY002753.D
 Acq: 22 May 2020 15:49

Tgt Ion: 98 Resp: 591843
 Ion Ratio Lower Upper
 98 100
 100 65.4 52.3 78.5

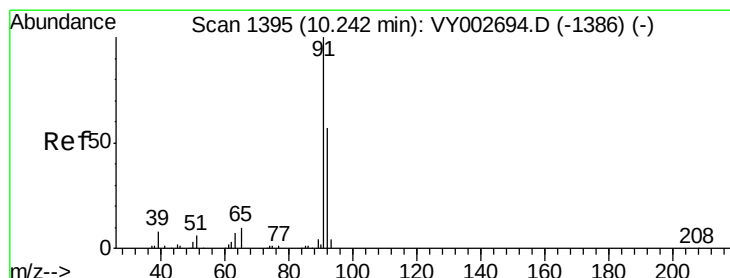
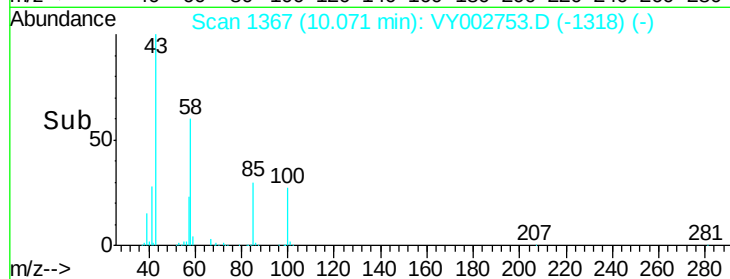
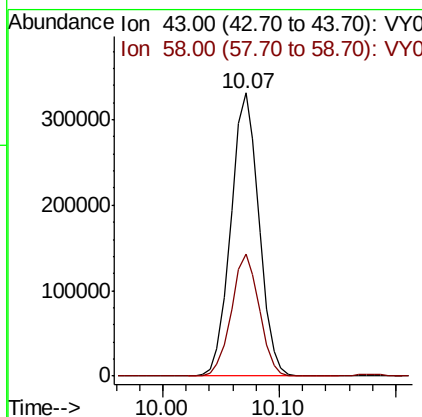
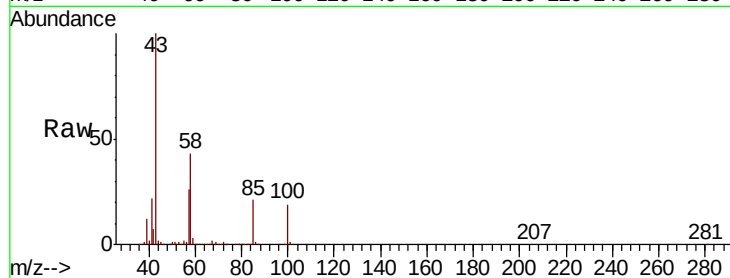




#51
 4-Methyl-2-Pentanone
 Concen: 253.223 ug/l
 RT: 10.07 min Scan# 1367
 Delta R.T. -0.00 min
 Lab File: VY002753.D
 Acq: 22 May 2020 15:49

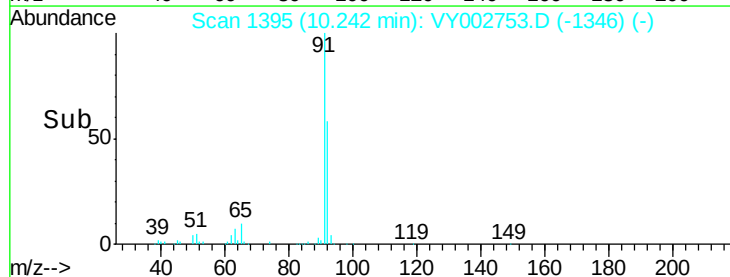
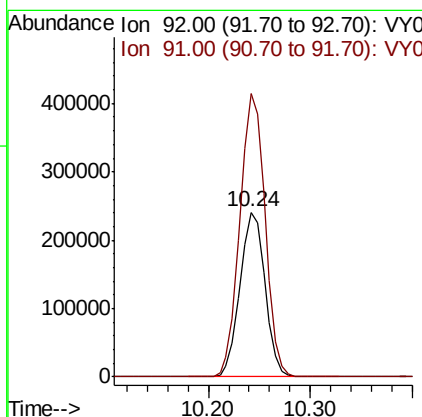
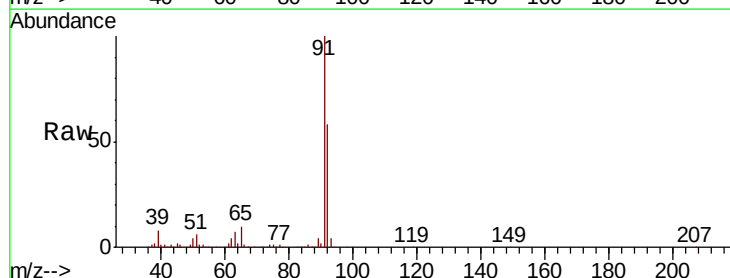
Instrument :
 MSVOA_Y
 ClientSampleId :

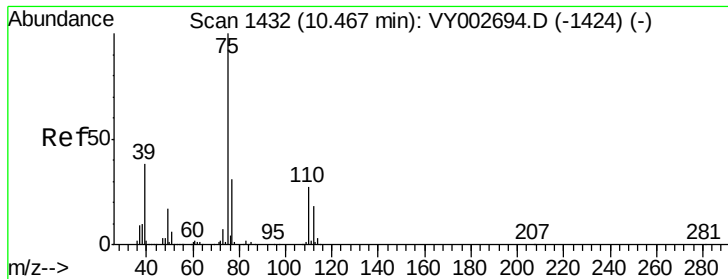
Tot Ion: 43 Resp: 557435
 Ion Ratio Lower Upper
 43 100
 58 42.5 34.1 51.1



#52
 Toluene
 Concen: 46.500 ug/l
 RT: 10.24 min Scan# 1395
 Delta R.T. -0.00 min
 Lab File: VY002753.D
 Acq: 22 May 2020 15:49

Tgt Ion: 92 Resp: 409562
 Ion Ratio Lower Upper
 92 100
 91 172.9 138.8 208.2





#53

t-1,3-Dichloropropene

Concen: 48.710 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY002753.D

Acq: 22 May 2020 15:49

Instrument :

MSVOA_Y

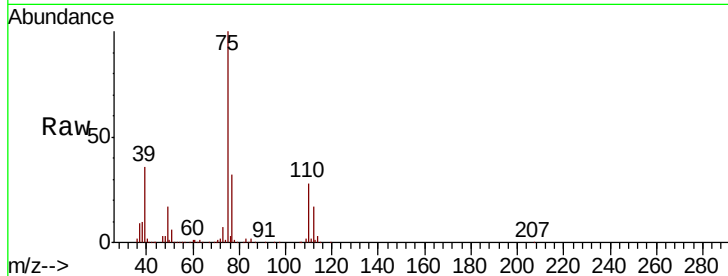
ClientSampleId :

Tot Ion: 75 Resp: 230271

Ion Ratio Lower Upper

75 100

77 32.3 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

10.47

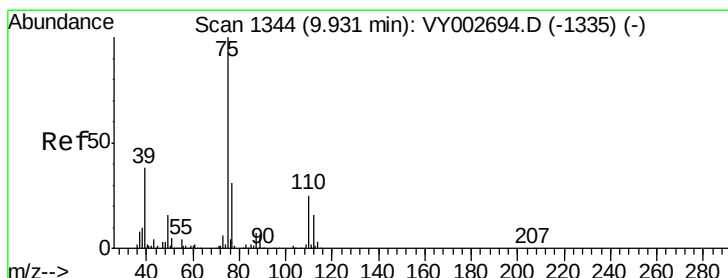
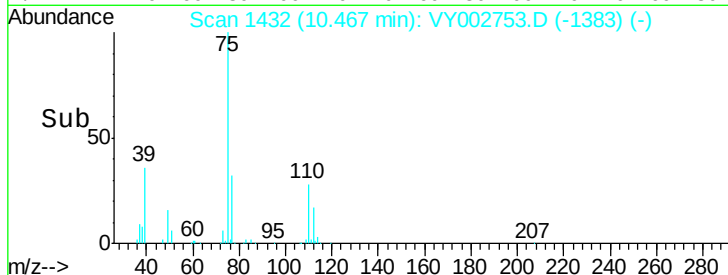
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 47.921 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY002753.D

Acq: 22 May 2020 15:49

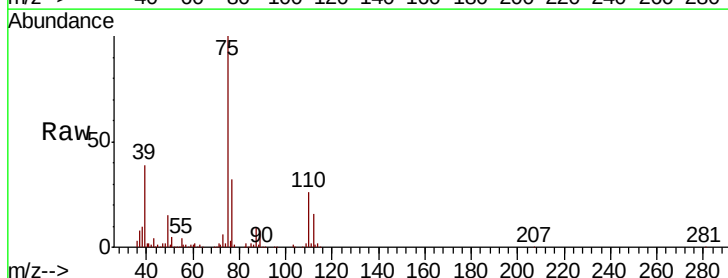
Tgt Ion: 75 Resp: 262632

Ion Ratio Lower Upper

75 100

77 32.3 24.8 37.2

39 39.1 30.7 46.1



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

200000

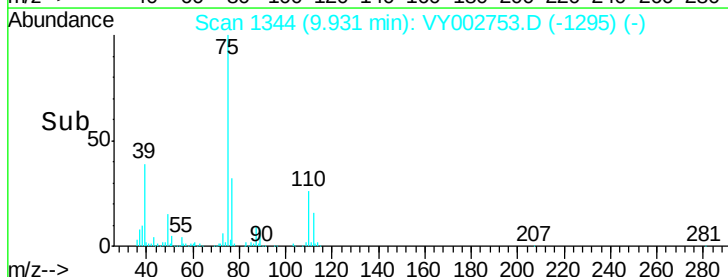
150000

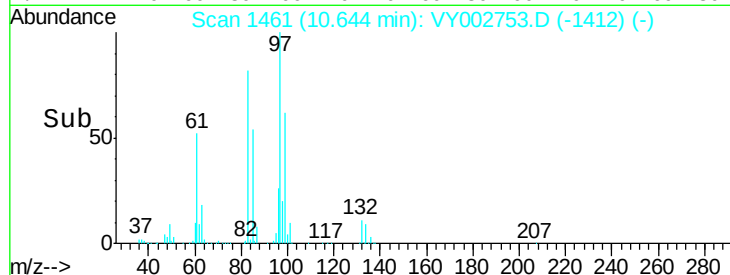
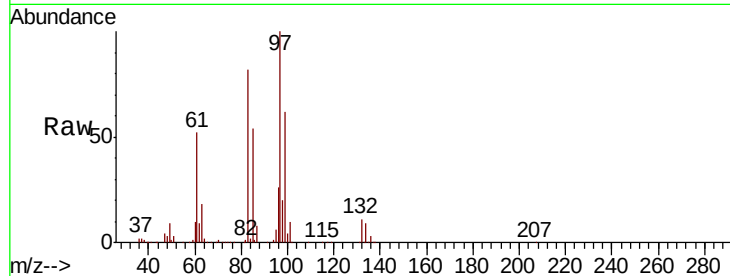
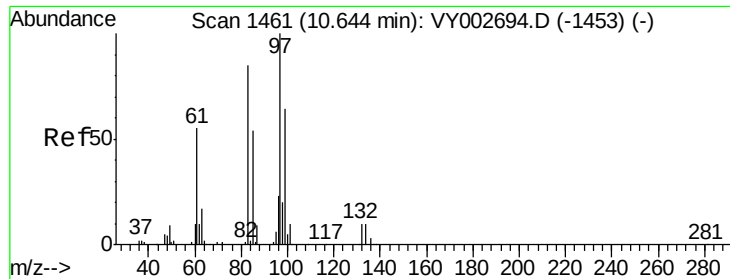
100000

50000

0

Time-->

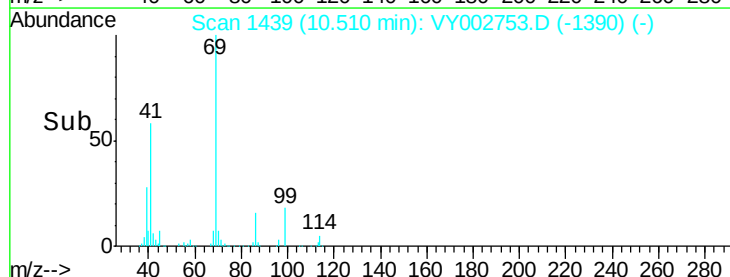
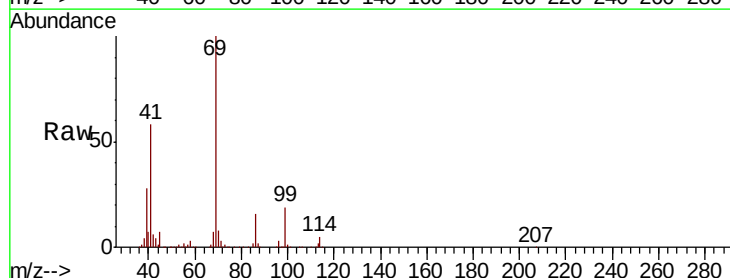
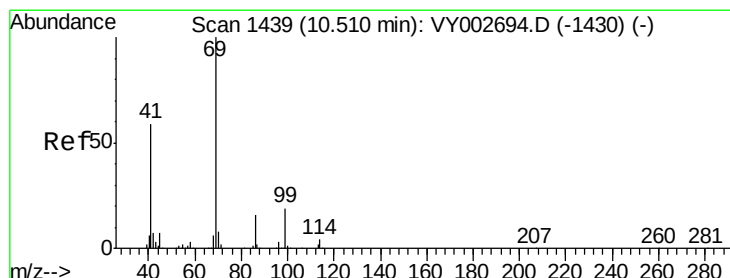
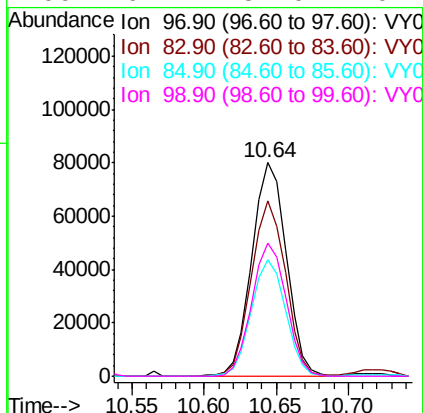




#55
1,1,2-Trichloroethane
Concen: 49.133 ug/l
RT: 10.64 min Scan# 1461
Delta R.T. -0.00 min
Lab File: VY002753.D
Acq: 22 May 2020 15:49

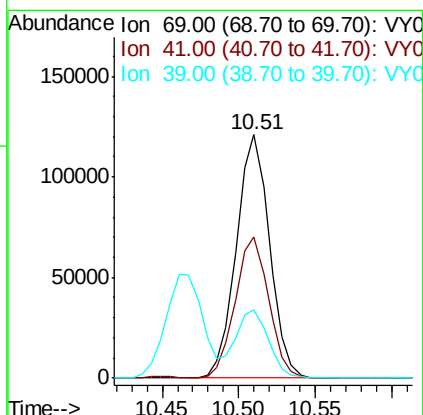
Instrument :
MSVOA_Y
ClientSampleId :

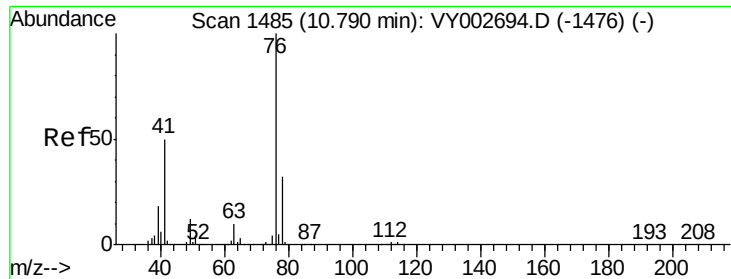
Tot Ion	97	Resp	132750
Ion	Ratio	Lower	Upper
97	100		
83	82.1	68.1	102.1
85	54.2	43.1	64.7
99	62.4	51.0	76.4



#56
Ethyl methacrylate
Concen: 50.748 ug/l
RT: 10.51 min Scan# 1439
Delta R.T. -0.00 min
Lab File: VY002753.D
Acq: 22 May 2020 15:49

Tgt Ion	69	Resp	182536
Ion	Ratio	Lower	Upper
69	100		
41	58.3	48.0	72.0
39	28.3	22.1	33.1





#57

1,3-Dichloropropane

Concen: 48.740 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY002753.D

Acq: 22 May 2020 15:49

Instrument :

MSVOA_Y

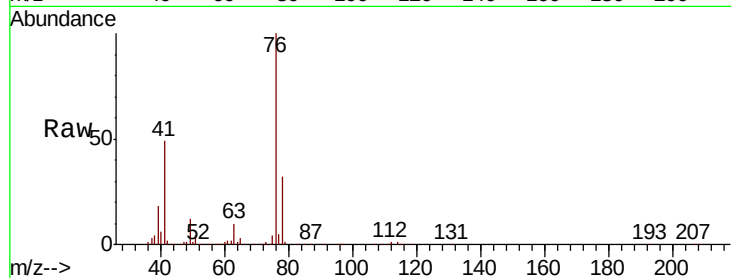
ClientSampled :

Tot Ion: 76 Resp: 220681

Ion Ratio Lower Upper

76 100

78 32.5 26.2 39.4



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

10.79

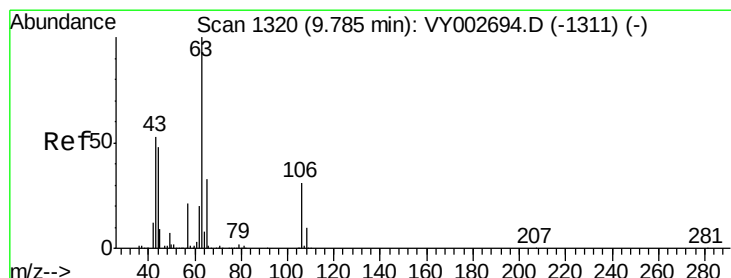
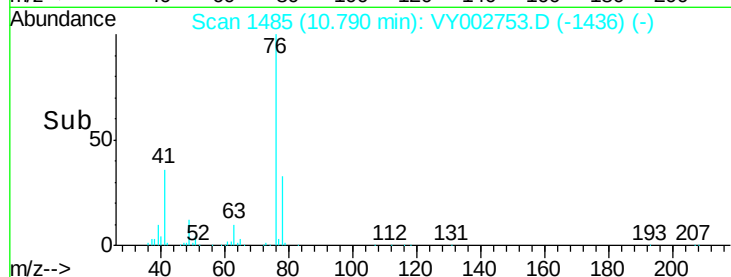
150000

100000

50000

0

Time--> 10.70 10.80



#58

2-Chloroethyl Vinyl ether

Concen: 246.361 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY002753.D

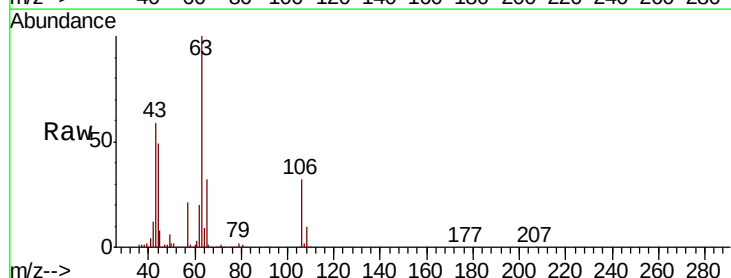
Acq: 22 May 2020 15:49

Tgt Ion: 63 Resp: 437466

Ion Ratio Lower Upper

63 100

106 31.3 25.1 37.7



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

9.78

300000

250000

200000

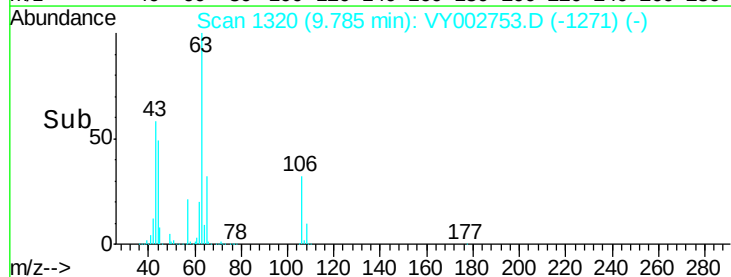
150000

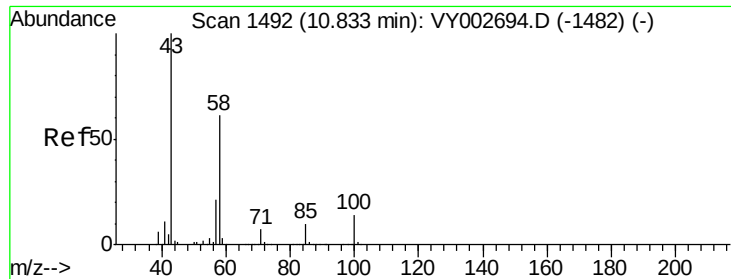
100000

50000

0

Time--> 9.70 9.75 9.80 9.85

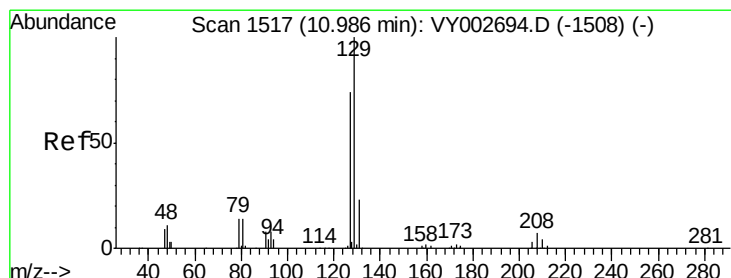
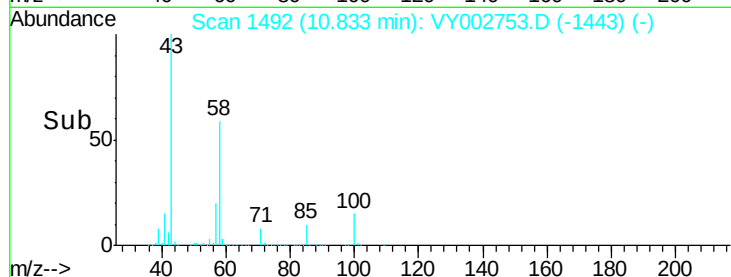
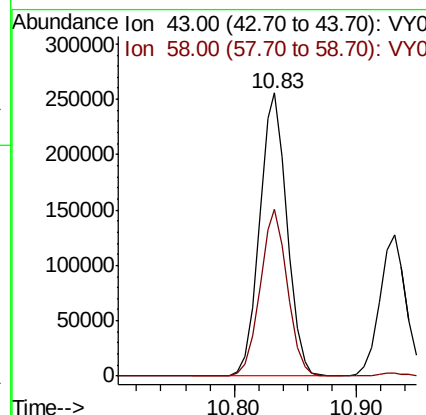
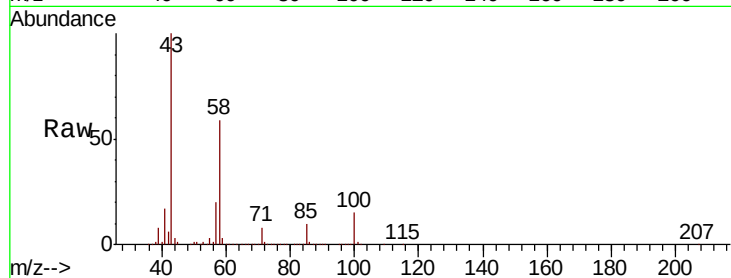




#59
2-Hexanone
Concen: 259.857 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY002753.D
Acq: 22 May 2020 15:49

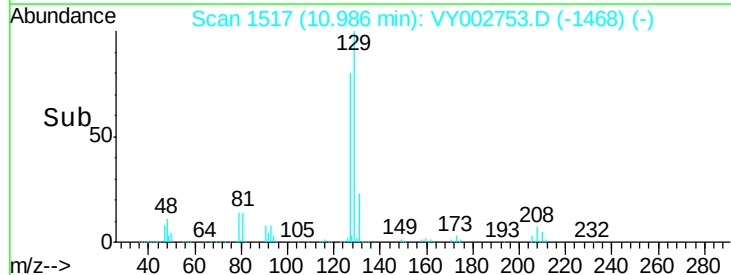
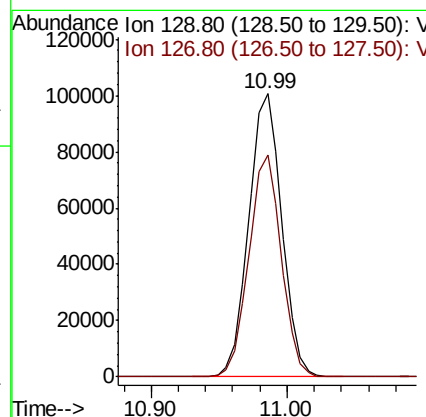
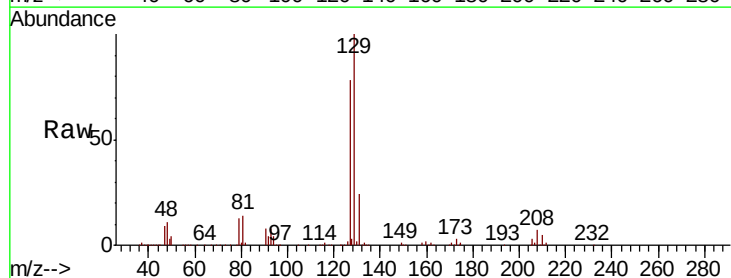
Instrument :
MSVOA_Y
ClientSampled :

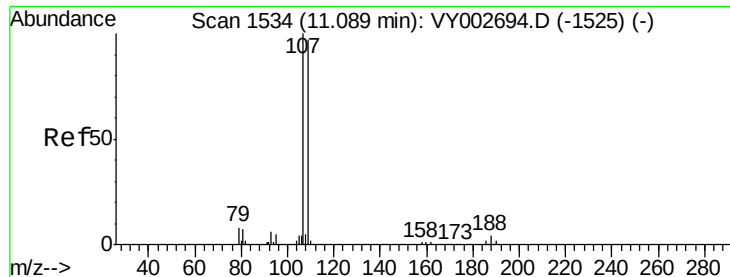
Tot Ion: 43 Resp: 398540
Ion Ratio Lower Upper
43 100
58 58.5 29.8 89.4



#60
Dibromochloromethane
Concen: 49.643 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY002753.D
Acq: 22 May 2020 15:49

Tgt Ion: 129 Resp: 171353
Ion Ratio Lower Upper
129 100
127 76.9 38.5 115.3





#61

1,2-Dibromoethane

Concen: 49.980 ug/l

RT: 11.09 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VY002753.D

Acq: 22 May 2020 15:49

Instrument :

MSVOA_Y

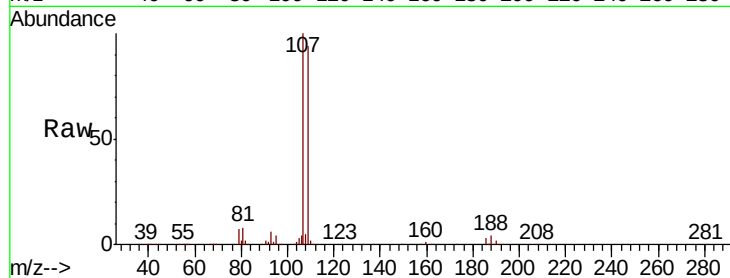
ClientSampleId :

Tot Ion: 107 Resp: 133044

Ion Ratio Lower Upper

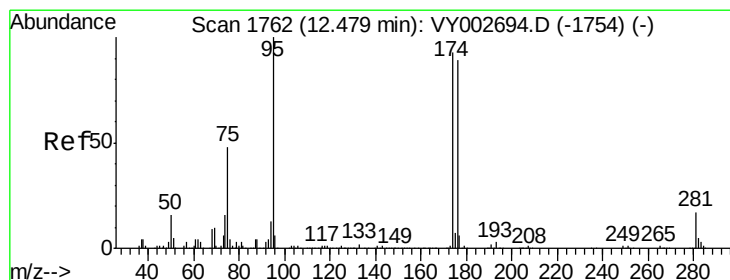
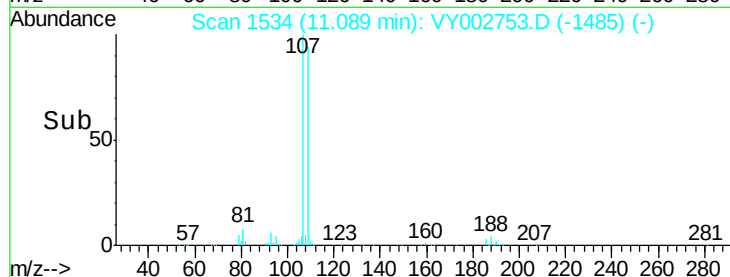
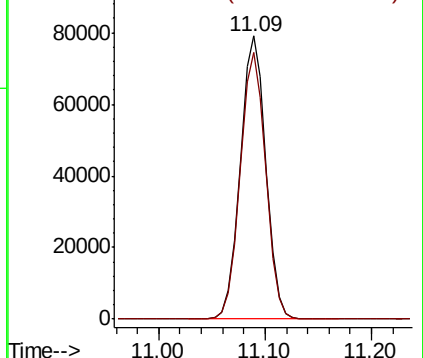
107 100

109 94.1 76.1 114.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.237 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY002753.D

Acq: 22 May 2020 15:49

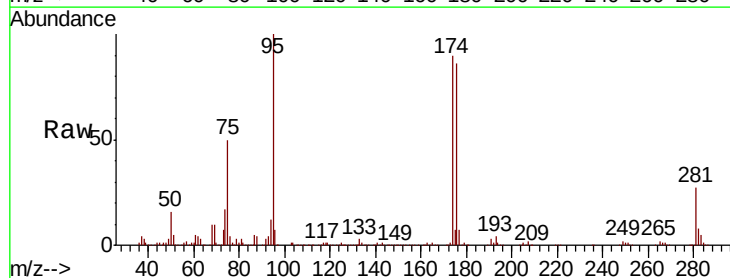
Tgt Ion: 95 Resp: 202979

Ion Ratio Lower Upper

95 100

174 95.1 0.0 191.4

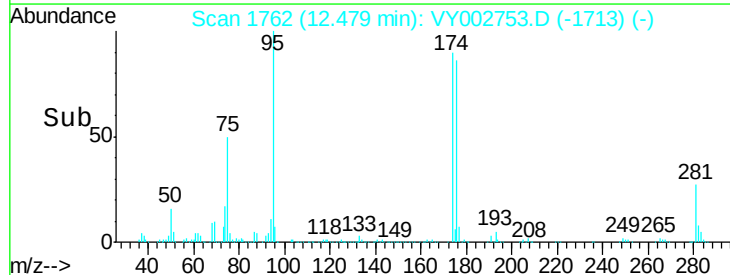
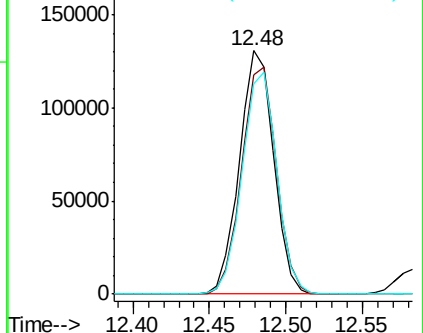
176 92.3 0.0 186.0

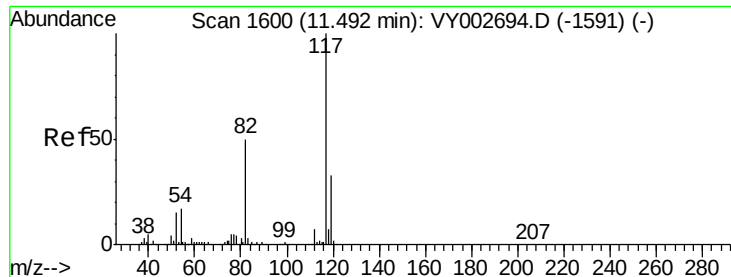


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

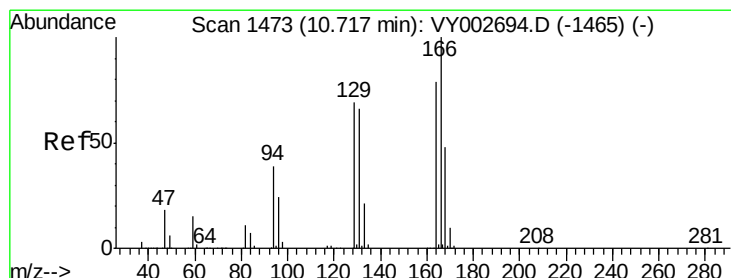
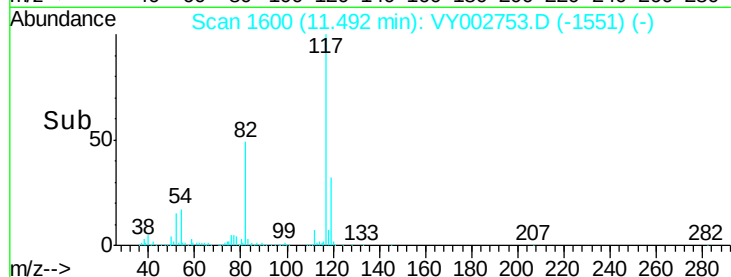
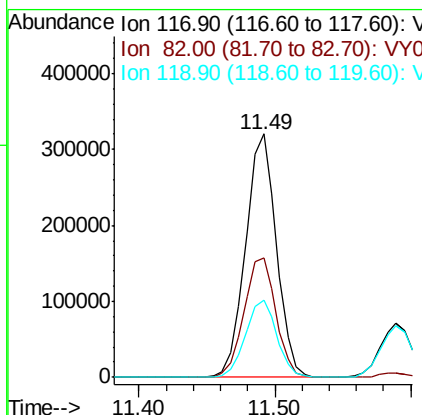
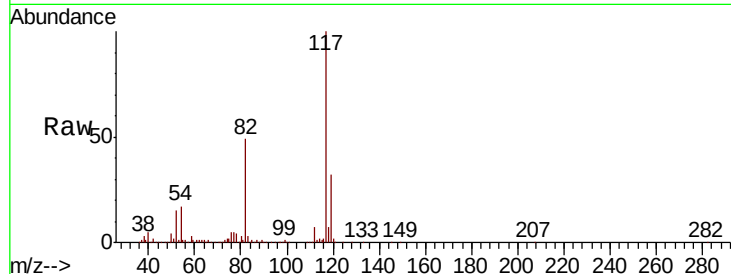




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002753.D
Acq: 22 May 2020 15:49

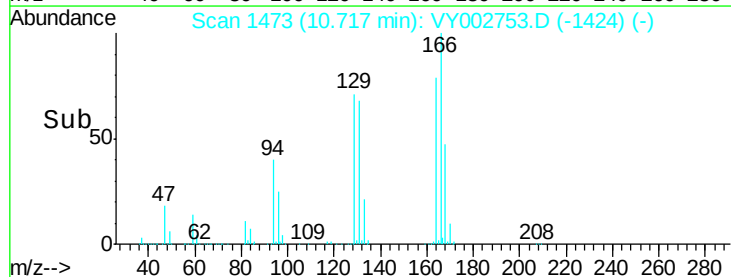
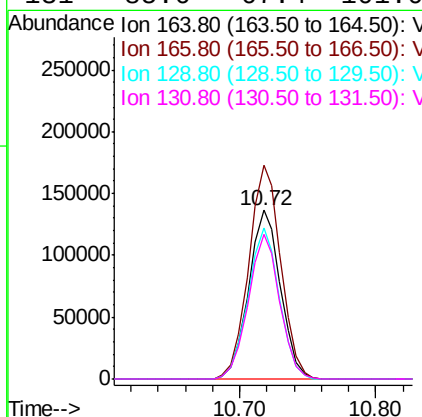
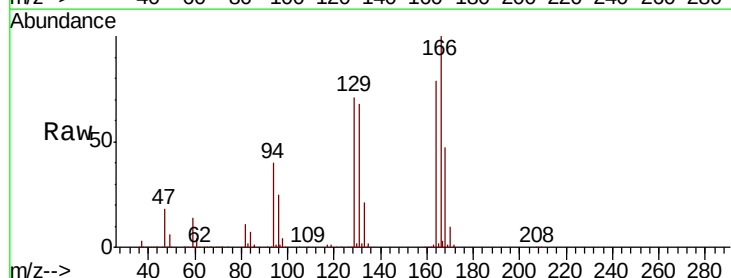
Instrument :
MSVOA_Y
ClientSampleId :

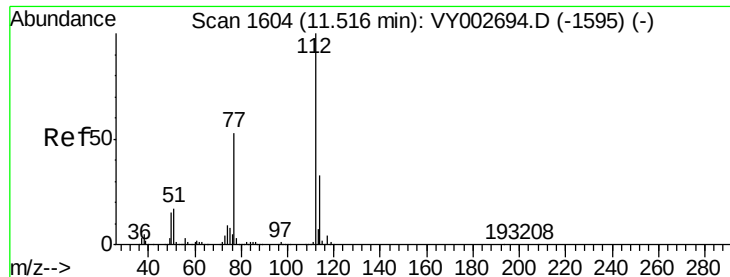
Tot Ion	Ratio	Lower	Upper
117	100		
82	49.1	40.3	60.5
119	31.9	26.2	39.4



#64
Tetrachloroethene
Concen: 46.467 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY002753.D
Acq: 22 May 2020 15:49

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.8	101.6	152.4
129	89.5	70.2	105.4
131	85.6	67.4	101.0

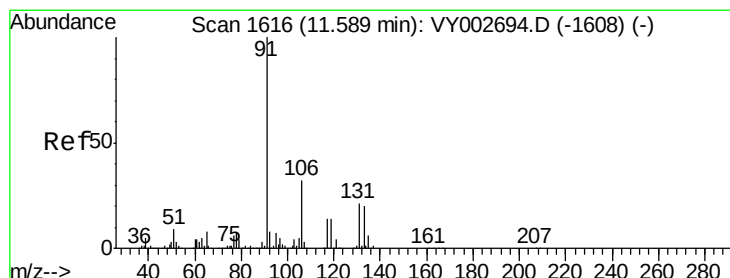
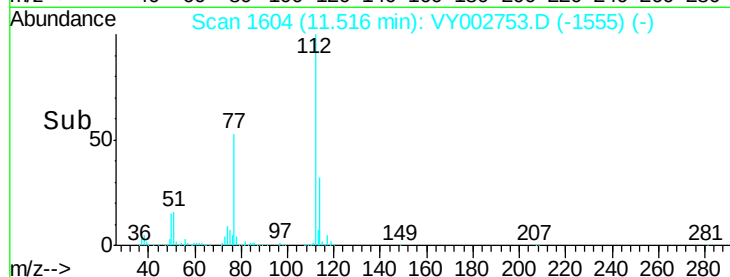
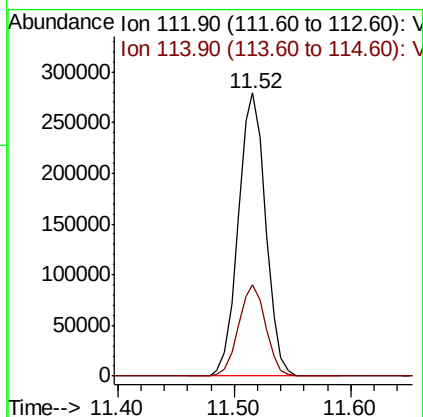
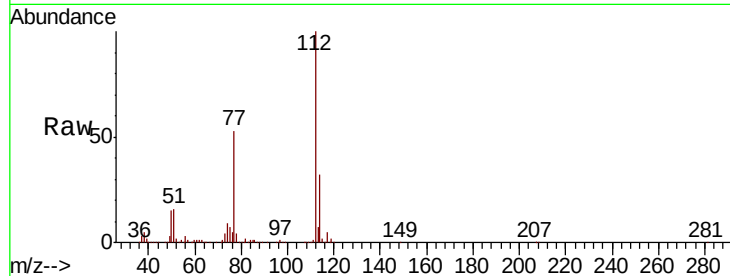




#65
Chlorobenzene
Concen: 46.486 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY002753.D
Acq: 22 May 2020 15:49

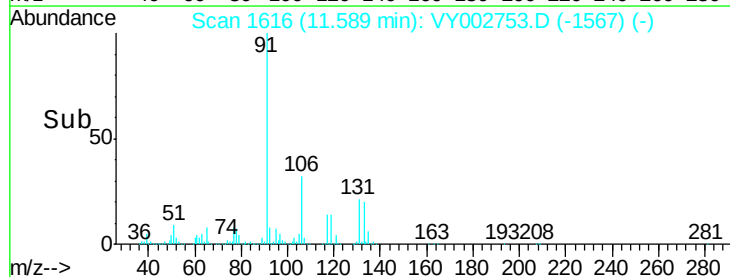
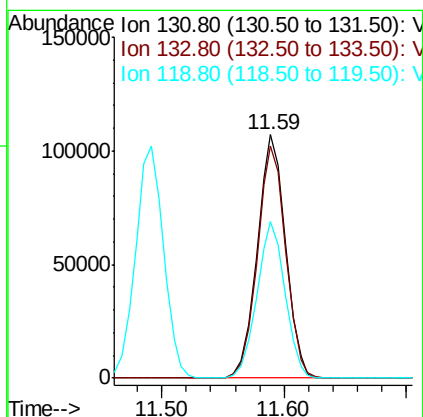
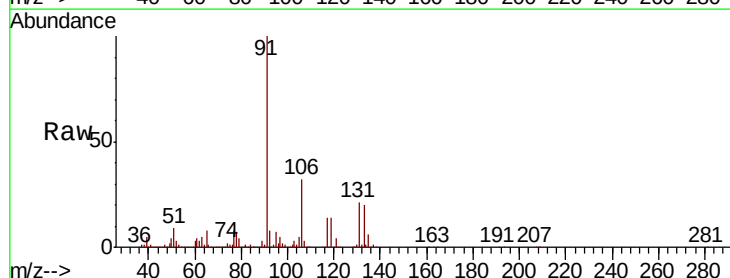
Instrument :
MSVOA_Y
ClientSampleId :

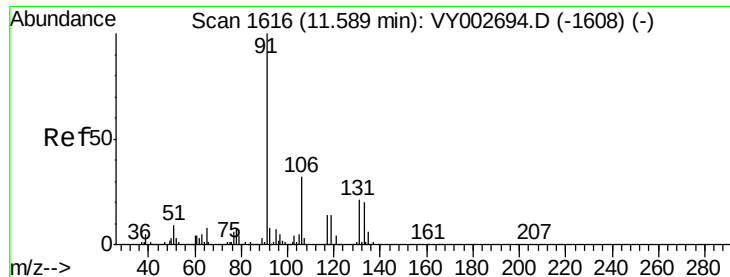
Tot Ion:112 Resp: 455482
Ion Ratio Lower Upper
112 100
114 32.2 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 47.373 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY002753.D
Acq: 22 May 2020 15:49

Tgt Ion:131 Resp: 172271
Ion Ratio Lower Upper
131 100
133 96.0 47.4 142.3
119 64.1 31.6 94.8

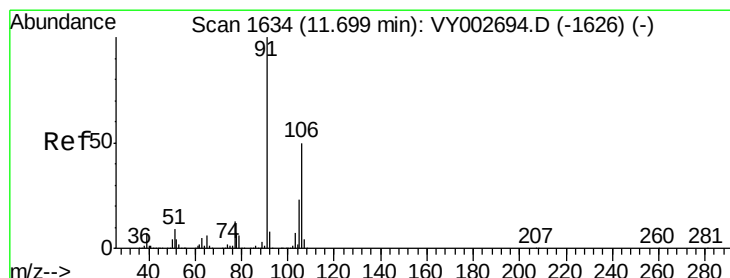
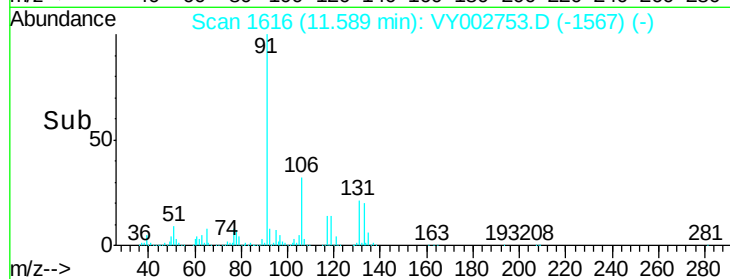
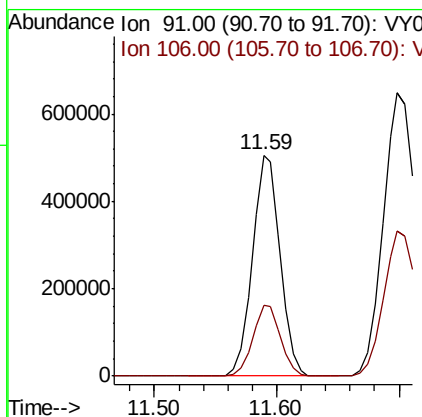
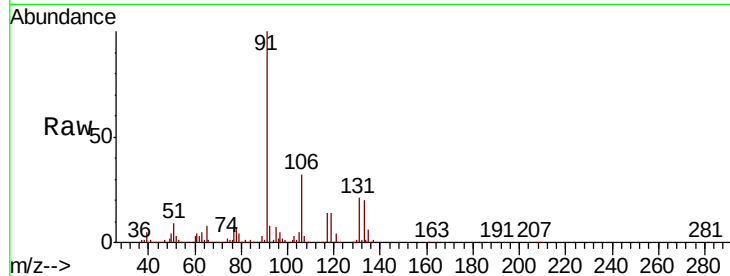




#67
Ethyl Benzene
Concen: 46.276 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY002753.D
Acq: 22 May 2020 15:49

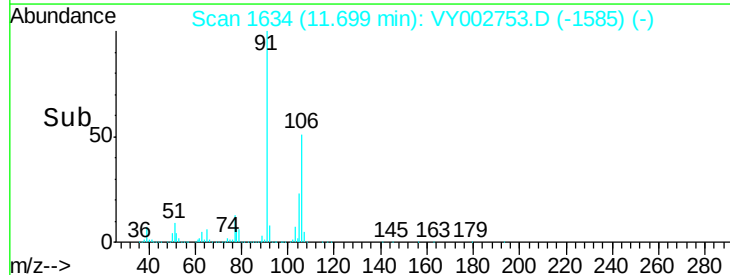
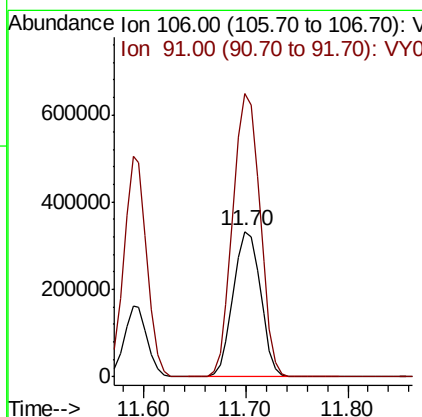
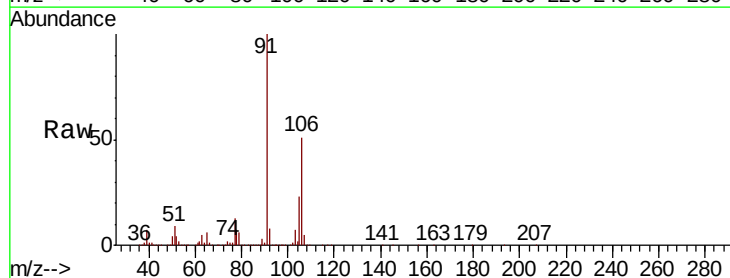
Instrument :
MSVOA_Y
ClientSampled :

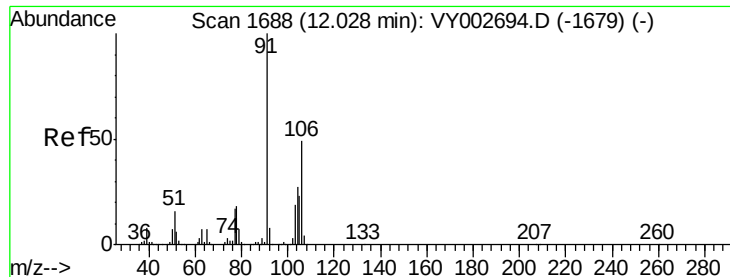
Tot Ion: 91 Resp: 796123
Ion Ratio Lower Upper
91 100
106 31.8 26.0 39.0



#68
m/p-Xylenes
Concen: 92.168 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY002753.D
Acq: 22 May 2020 15:49

Tgt Ion: 106 Resp: 616899
Ion Ratio Lower Upper
106 100
91 194.4 156.2 234.4

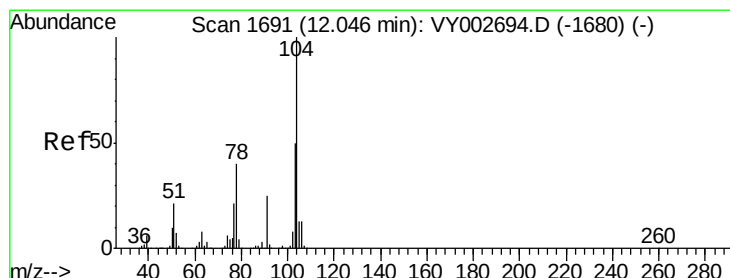
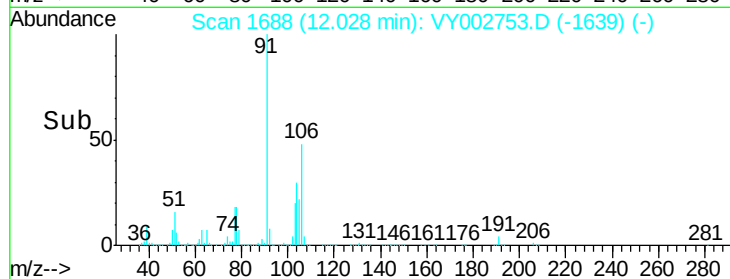
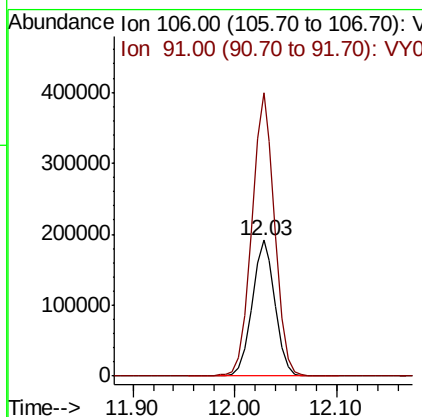
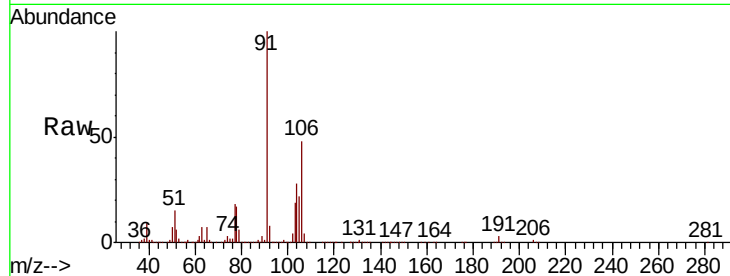




#69
o-Xylene
Concen: 47.466 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY002753.D
Acq: 22 May 2020 15:49

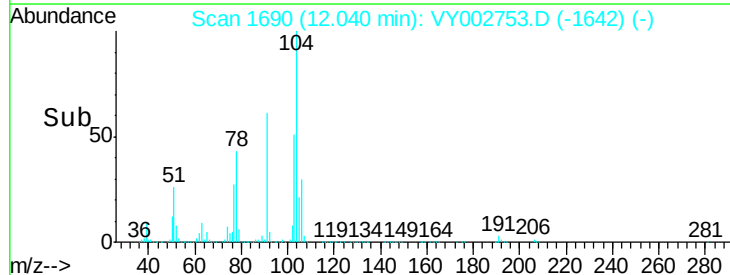
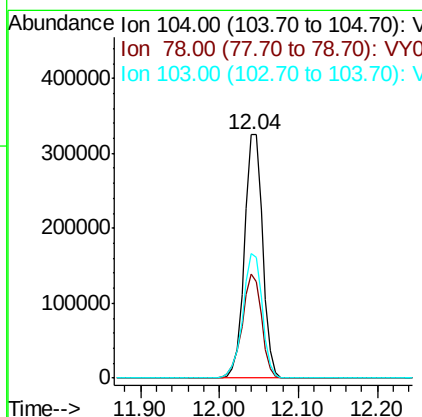
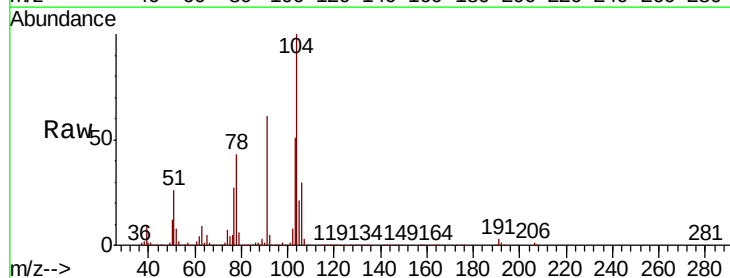
Instrument :
MSVOA_Y
ClientSampled :

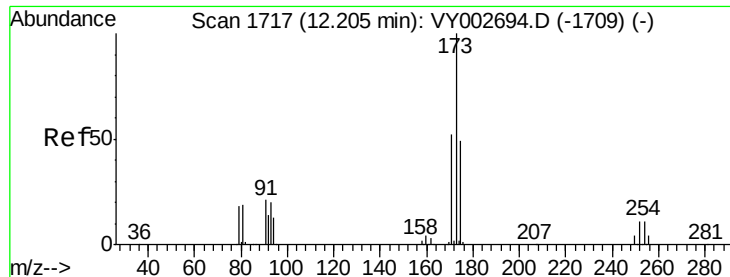
Tot Ion:106 Resp: 298182
Ion Ratio Lower Upper
106 100
91 209.5 103.5 310.3



#70
Styrene
Concen: 48.146 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.01 min
Lab File: VY002753.D
Acq: 22 May 2020 15:49

Tgt Ion:104 Resp: 519292
Ion Ratio Lower Upper
104 100
78 45.6 36.6 54.8
103 54.8 44.1 66.1

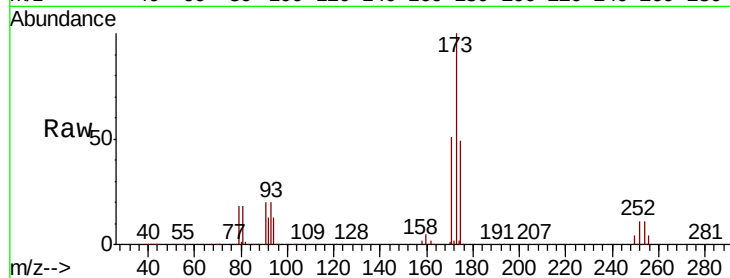




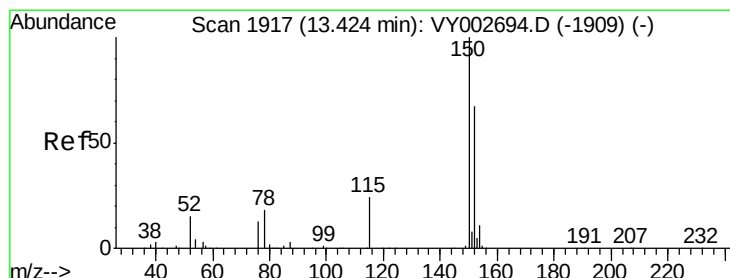
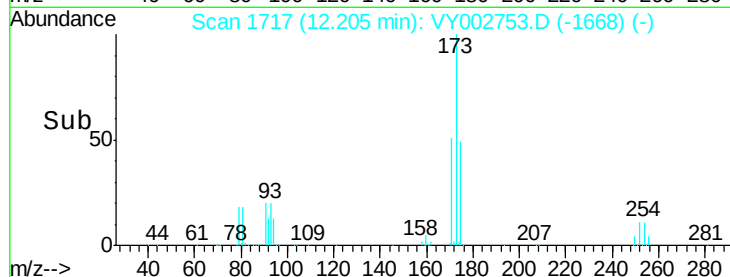
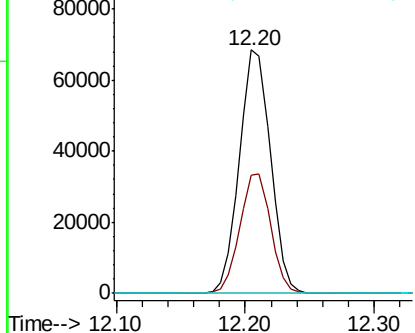
#71
Bromoform
Concen: 50.958 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. -0.00 min
Lab File: VY002753.D
Acq: 22 May 2020 15:49

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.1	72.4
254	0.1	0.1	0.1

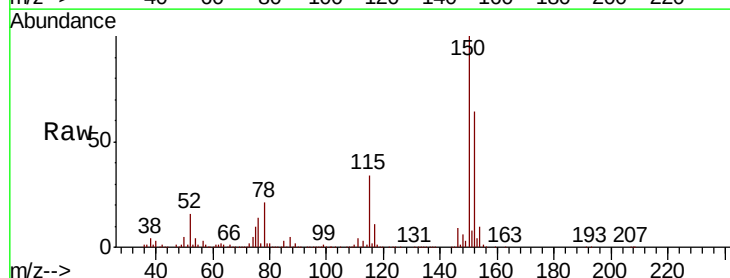


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

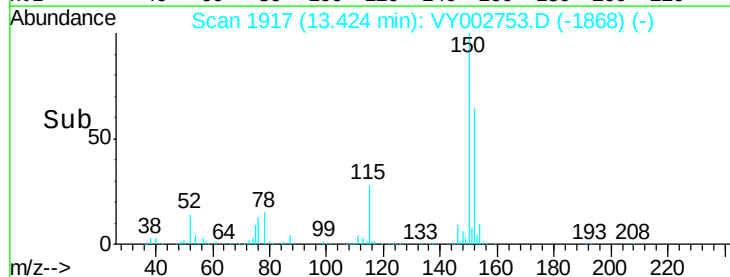
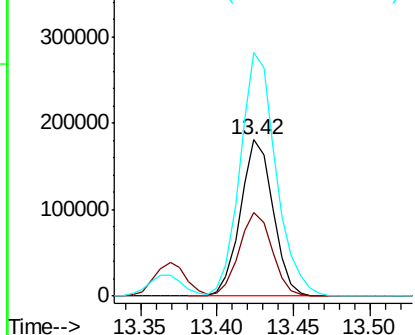


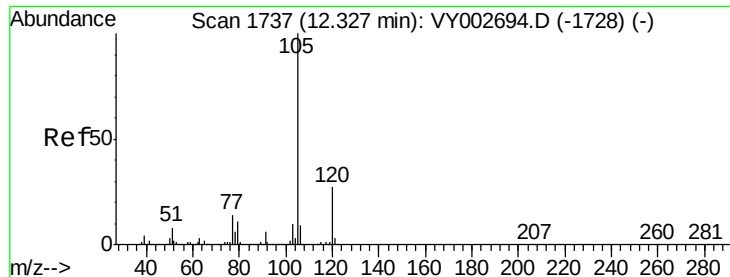
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY002753.D
Acq: 22 May 2020 15:49

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.8	27.2	81.6
150	170.9	0.0	343.8



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: 45.822 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY002753.D

Acq: 22 May 2020 15:49

Instrument :

MSVOA_Y

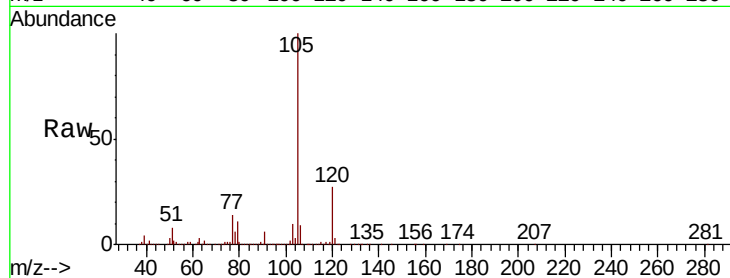
ClientSampled :

Tot Ion:105 Resp: 801731

Ion Ratio Lower Upper

105 100

120 27.4 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

600000

500000

400000

300000

200000

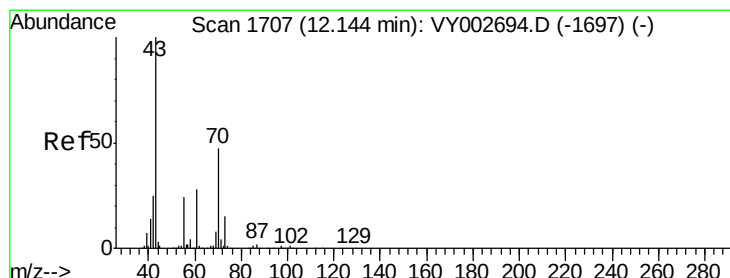
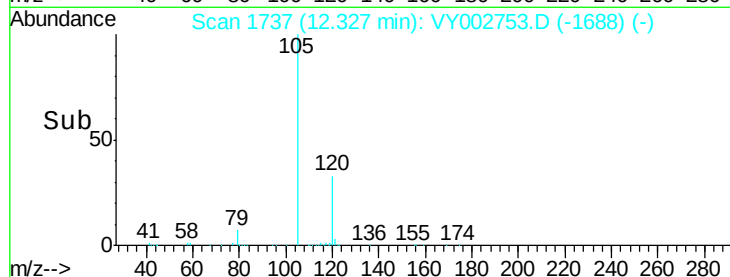
100000

0

12.33

12.40

Time-->



#74

N-ethyl acetate

Concen: 50.203 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY002753.D

Acq: 22 May 2020 15:49

Tgt Ion: 43 Resp: 206119

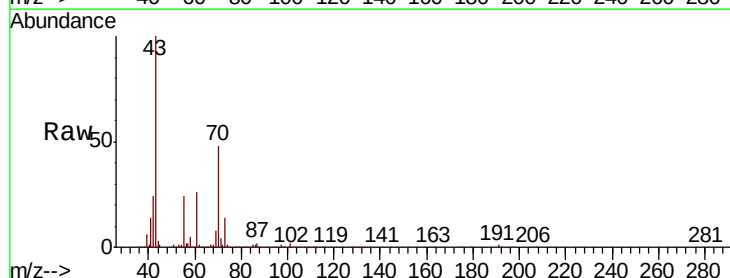
Ion Ratio Lower Upper

43 100

70 47.4 37.7 56.5

55 24.4 19.4 29.0

61 26.6 21.3 31.9



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

200000

150000

100000

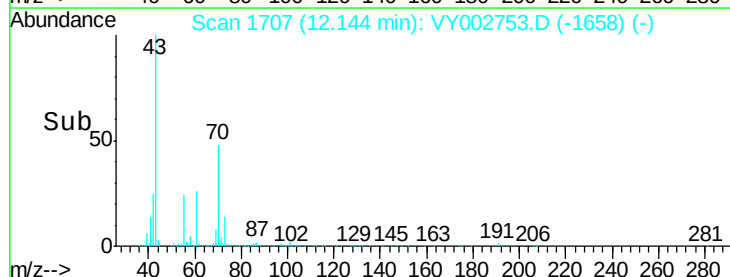
50000

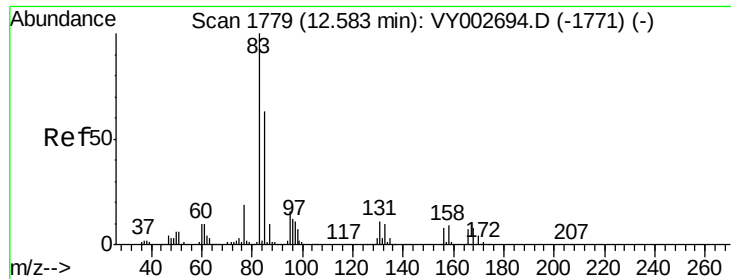
0

12.14

12.20

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 50.333 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY002753.D

Acq: 22 May 2020 15:49

Instrument :

MSVOA_Y

ClientSampled :

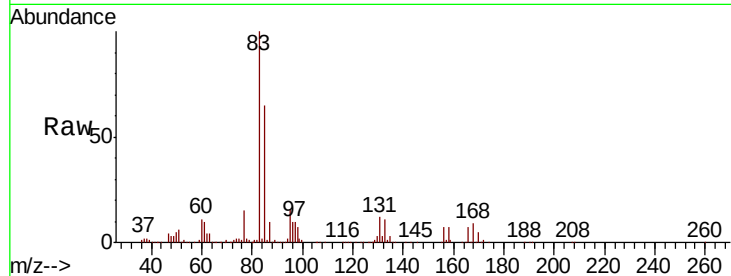
Tot Ion: 83 Resp: 129683

Ion Ratio Lower Upper

83 100

131 12.0 5.8 17.3

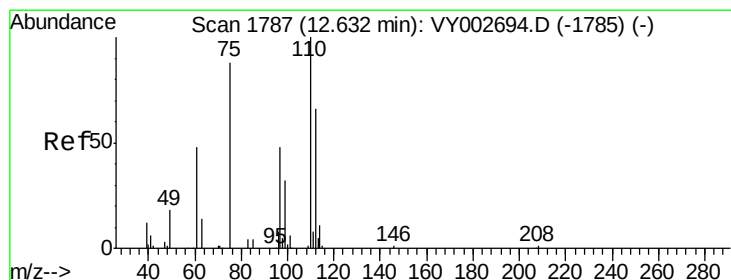
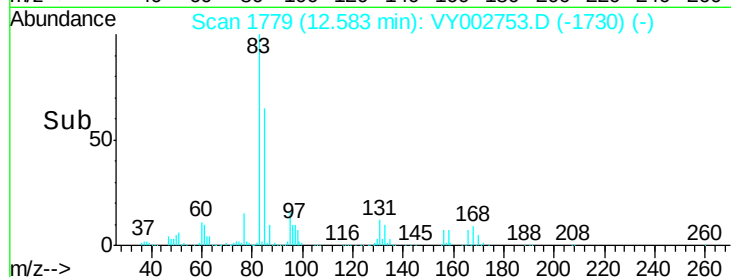
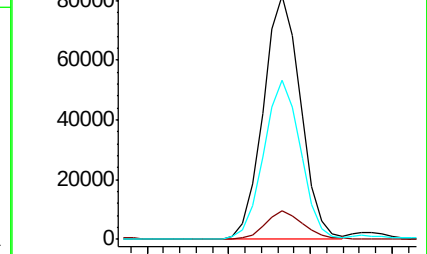
85 64.6 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VY002753.D (-1730) (-)

Ion 130.80 (130.50 to 131.50): VY002753.D (-1730) (-)

Ion 84.90 (84.60 to 85.60): VY002753.D (-1730) (-)



#76

1,2,3-Trichloropropane

Concen: 93.490 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY002753.D

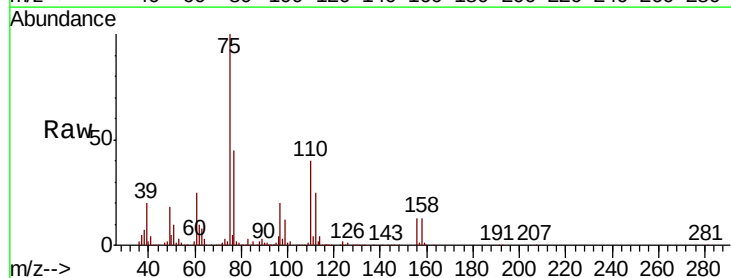
Acq: 22 May 2020 15:49

Tgt Ion: 75 Resp: 205644

Ion Ratio Lower Upper

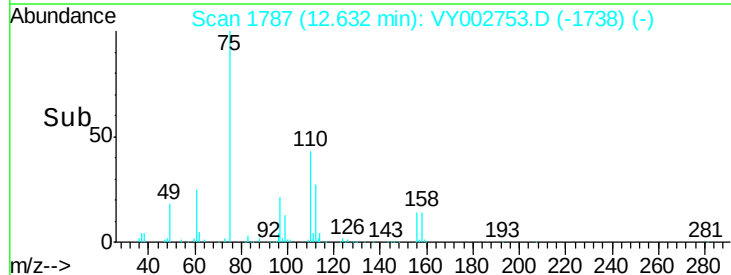
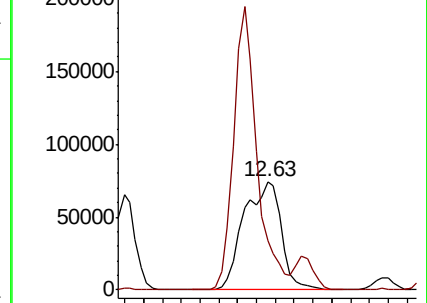
75 100

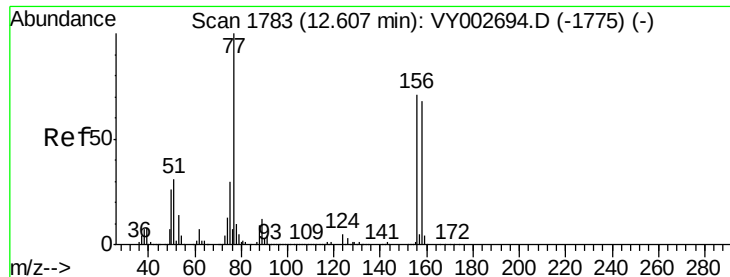
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY002753.D (-1738) (-)

Ion 77.00 (76.70 to 77.70): VY002753.D (-1738) (-)





#77

Bromobenzene

Concen: 46.520 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY002753.D

Acq: 22 May 2020 15:49

Instrument :

MSVOA_Y

ClientSampleId :

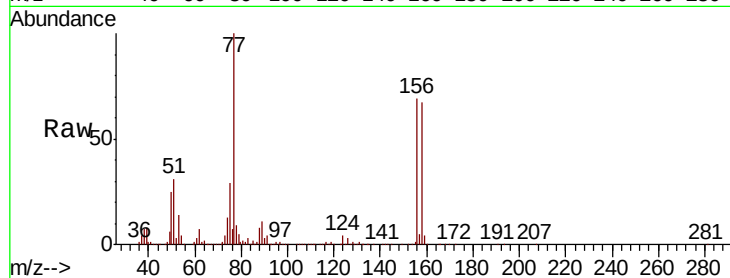
Tot Ion:156 Resp: 203495

Ion Ratio Lower Upper

156 100

77 165.5 80.8 242.3

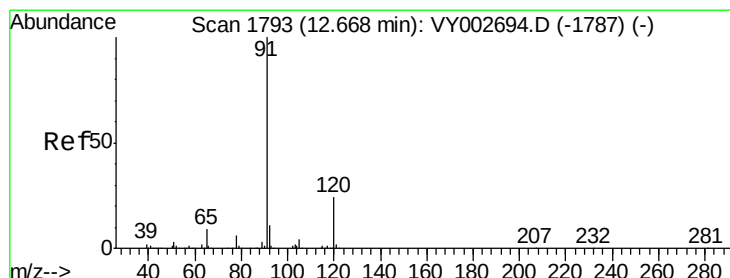
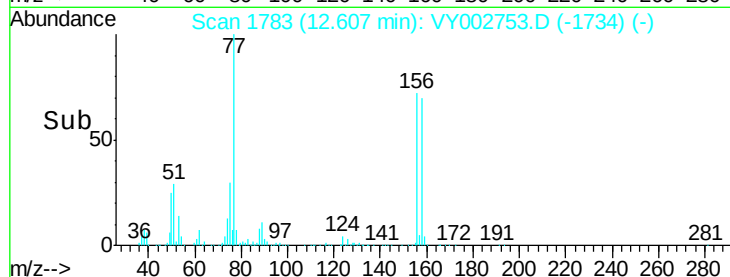
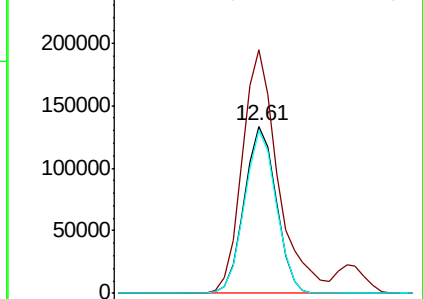
158 97.2 49.0 147.0



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: 45.401 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY002753.D

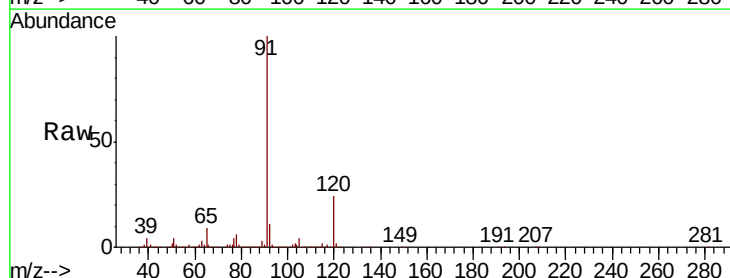
Acq: 22 May 2020 15:49

Tgt Ion: 91 Resp: 924099

Ion Ratio Lower Upper

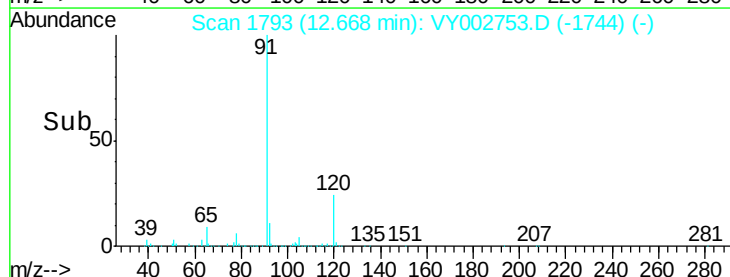
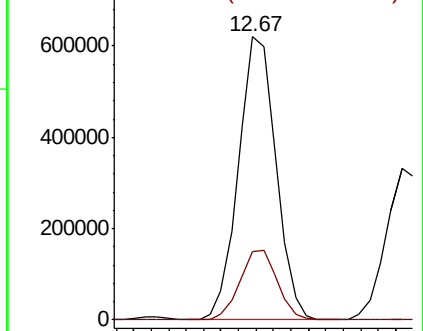
91 100

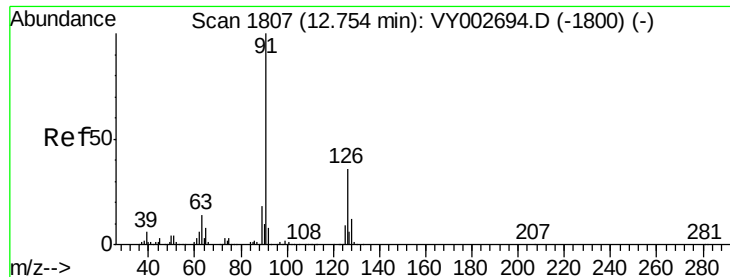
120 24.7 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 45.655 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY002753.D

Acq: 22 May 2020 15:49

Instrument :

MSVOA_Y

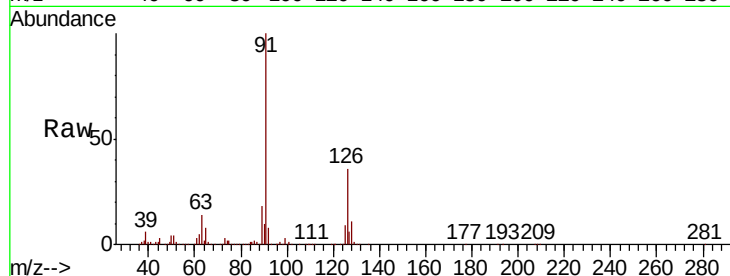
ClientSampled :

Tot Ion: 91 Resp: 515408

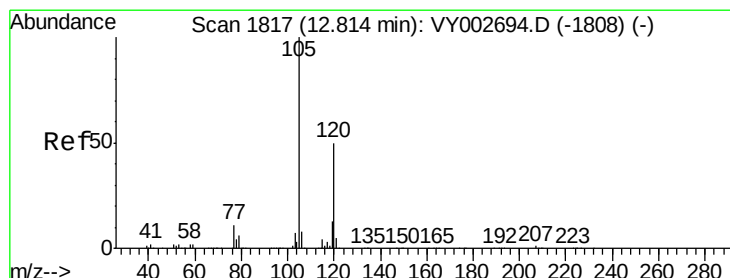
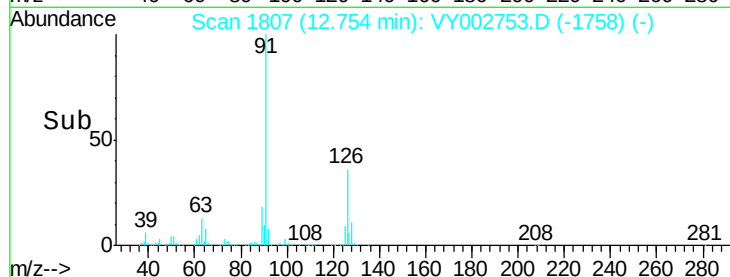
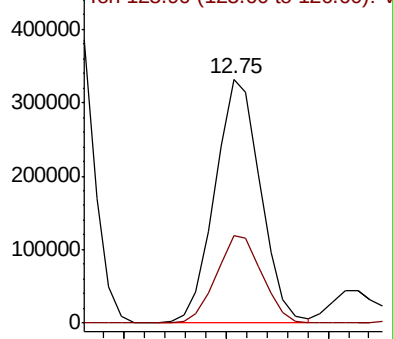
Ion Ratio Lower Upper

91 100

126 36.2 18.4 55.0



Abundance Ion 91.00 (90.70 to 91.70): VY002753.D (-1758) (-)



#80

1,3,5-Trimethylbenzene

Concen: 45.297 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. 0.00 min

Lab File: VY002753.D

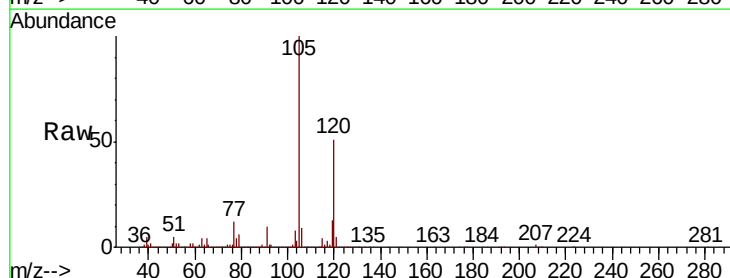
Acq: 22 May 2020 15:49

Tgt Ion: 105 Resp: 665931

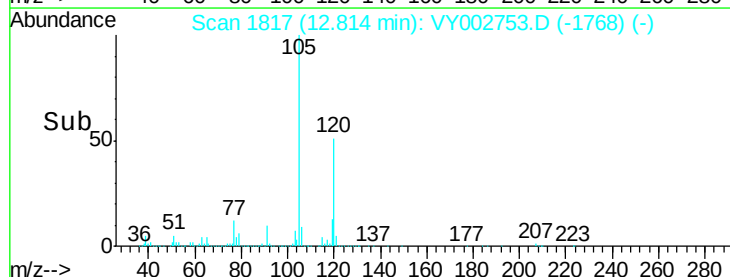
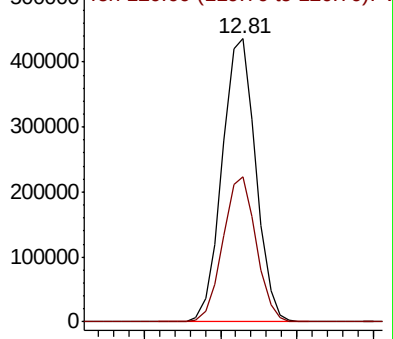
Ion Ratio Lower Upper

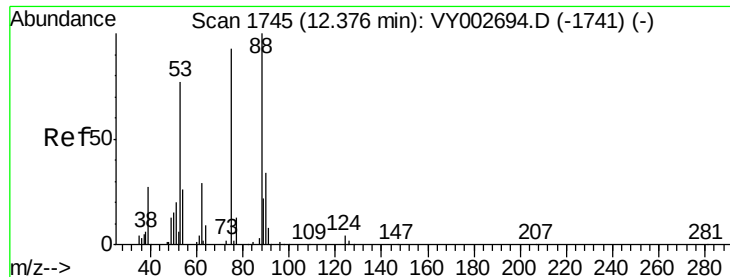
105 100

120 50.7 25.1 75.4



Abundance Ion 105.00 (104.70 to 105.70): VY002753.D (-1768) (-)

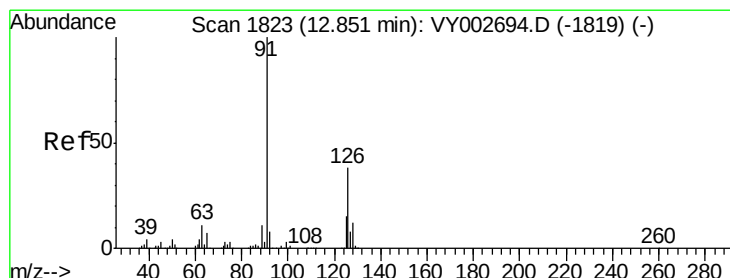
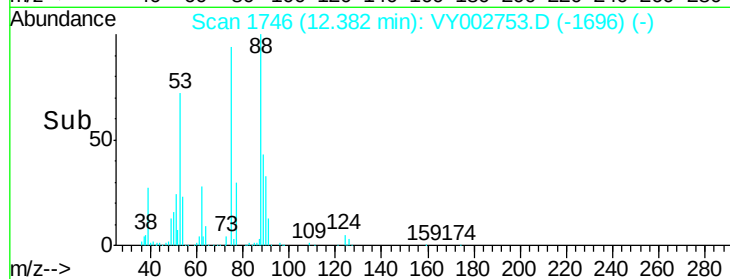
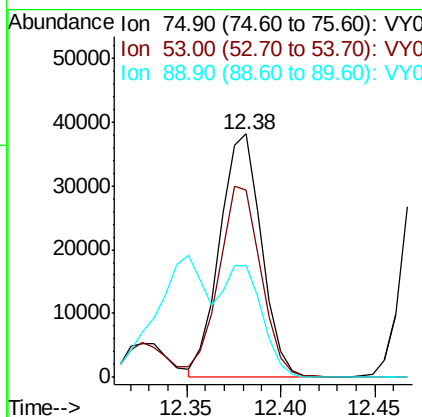
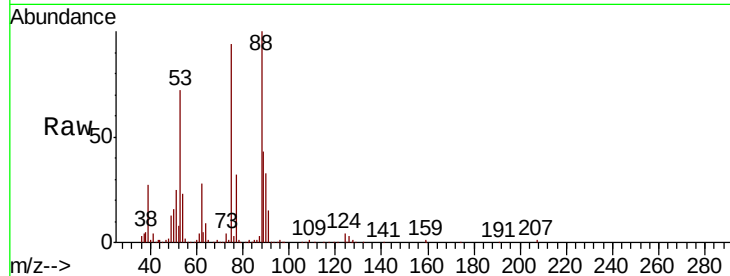




#81
trans-1,4-Dichloro-2-butene
Concen: 49.976 ug/l
RT: 12.38 min Scan# 1746
Delta R.T. 0.01 min
Lab File: VY002753.D
Acq: 22 May 2020 15:49

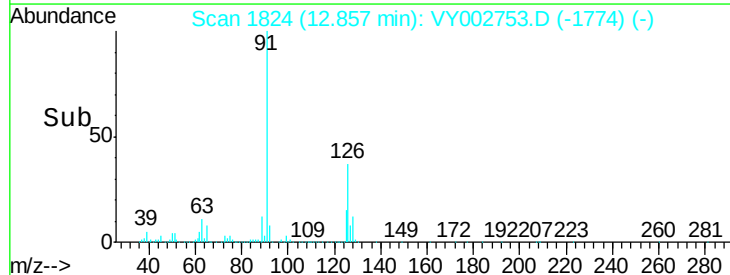
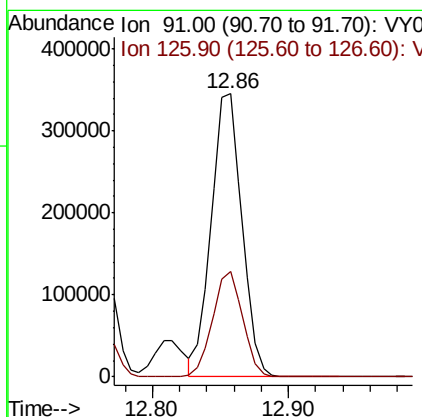
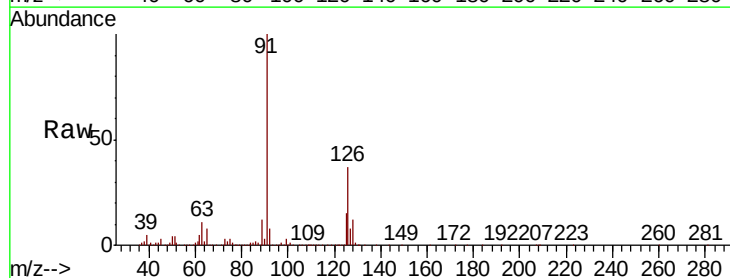
Instrument :
MSVOA_Y
ClientSampled :

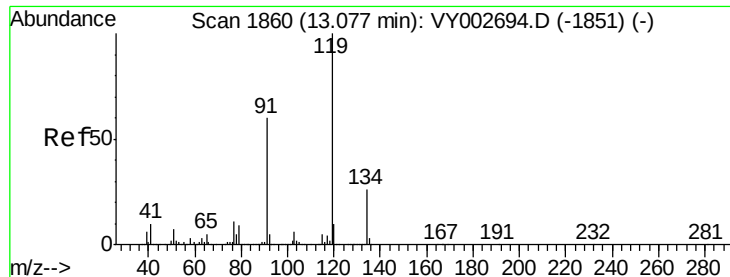
Tot Ion: 75 Resp: 58127
Ion Ratio Lower Upper
75 100
53 81.1 65.0 97.6
89 44.1 66.6 99.8#



#82
4-Chlorotoluene
Concen: 45.527 ug/l
RT: 12.86 min Scan# 1824
Delta R.T. 0.01 min
Lab File: VY002753.D
Acq: 22 May 2020 15:49

Tgt Ion: 91 Resp: 538360
Ion Ratio Lower Upper
91 100
126 36.6 18.6 56.0

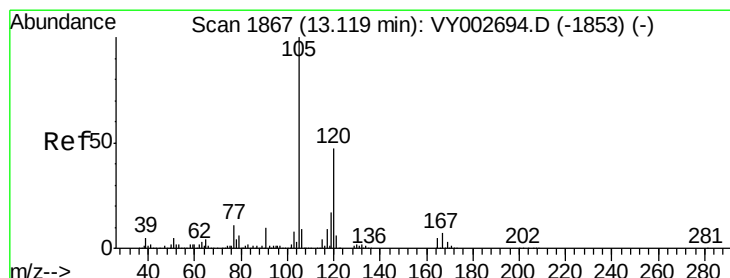
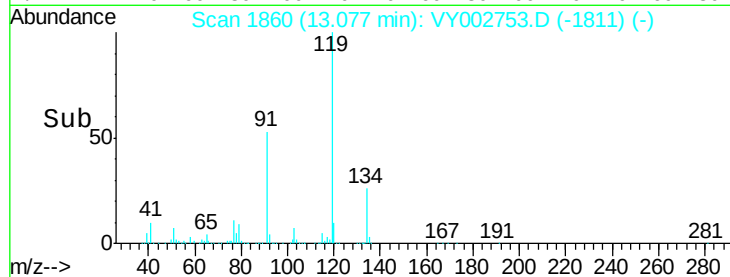
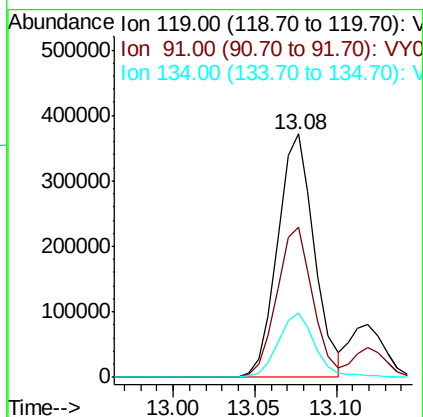
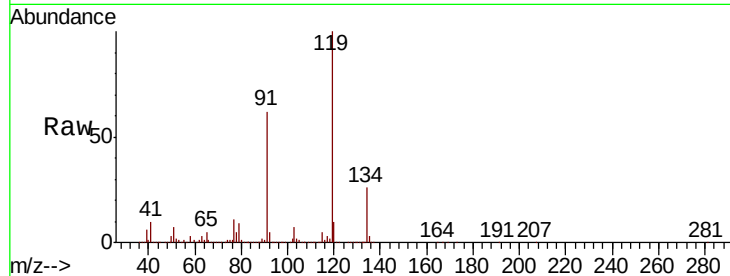




#83
 tert-Butylbenzene
 Concen: 44.691 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VY002753.D
 Acq: 22 May 2020 15:49

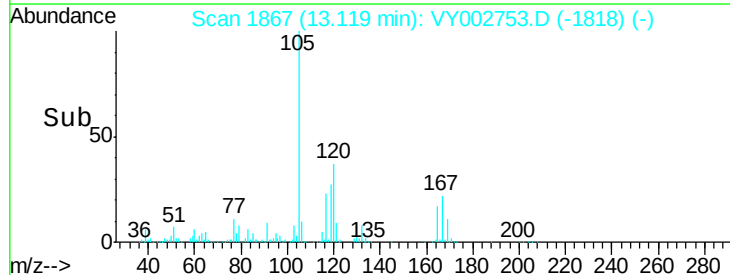
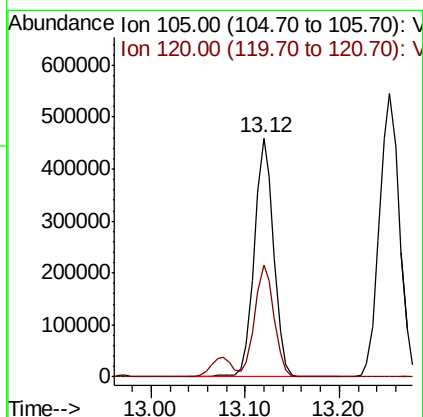
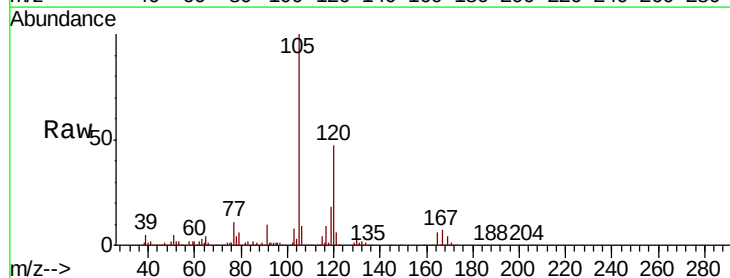
Instrument :
 MSVOA_Y
 ClientSampleId :

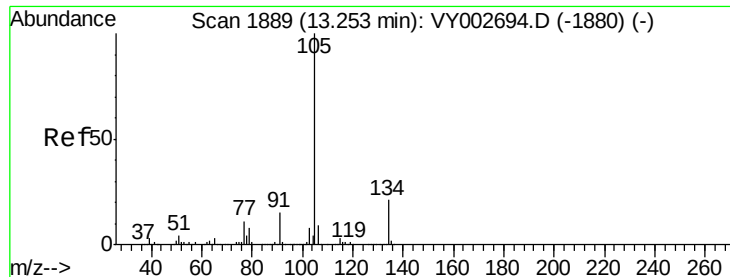
Tot Ion:119 Resp: 581474
 Ion Ratio Lower Upper
 119 100
 91 60.5 30.4 91.2
 134 26.8 13.4 40.2



#84
 1,2,4-Trimethylbenzene
 Concen: 45.387 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VY002753.D
 Acq: 22 May 2020 15:49

Tgt Ion:105 Resp: 666853
 Ion Ratio Lower Upper
 105 100
 120 46.8 23.5 70.5





#85

sec-Butylbenzene

Concen: 44.739 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY002753.D

Acq: 22 May 2020 15:49

Instrument :

MSVOA_Y

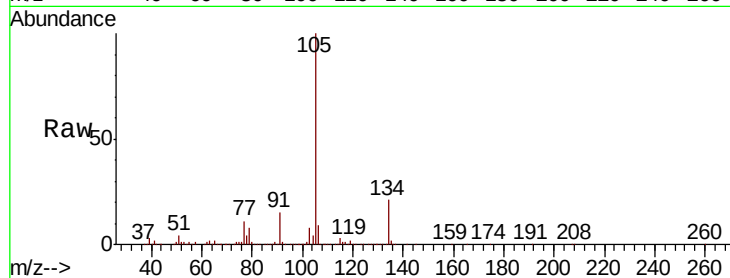
ClientSampled :

Tot Ion:105 Resp: 803254

Ion Ratio Lower Upper

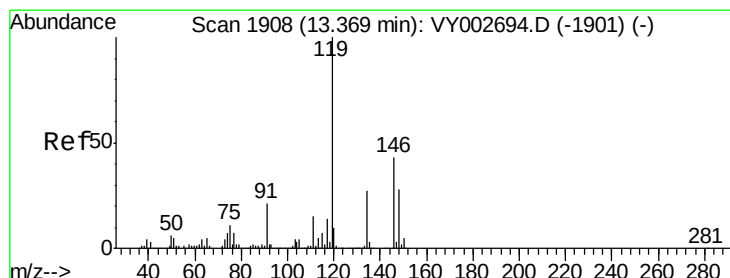
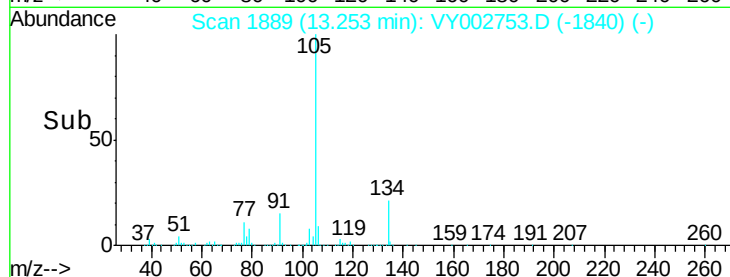
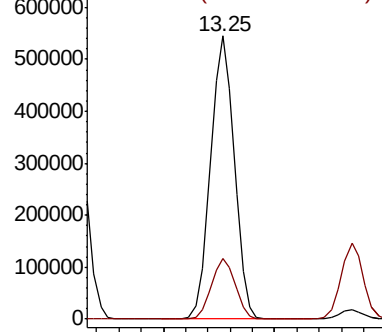
105 100

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



#86

p-Isopropyltoluene

Concen: 44.878 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY002753.D

Acq: 22 May 2020 15:49

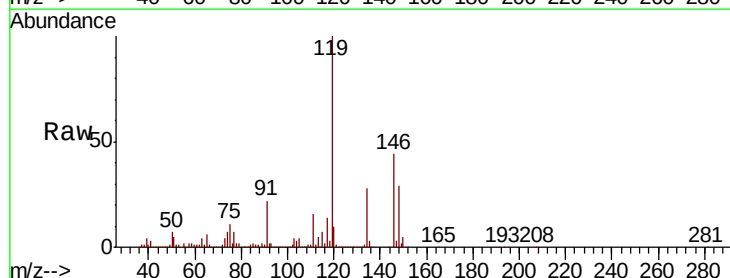
Tgt Ion:119 Resp: 754205

Ion Ratio Lower Upper

119 100

134 27.0 13.5 40.5

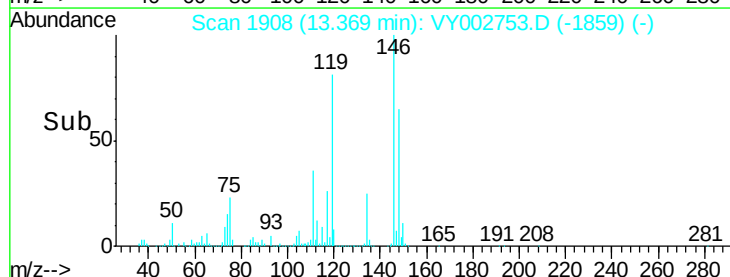
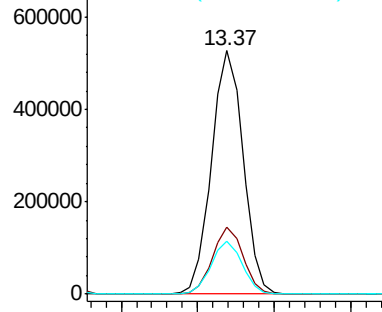
91 21.4 10.8 32.3

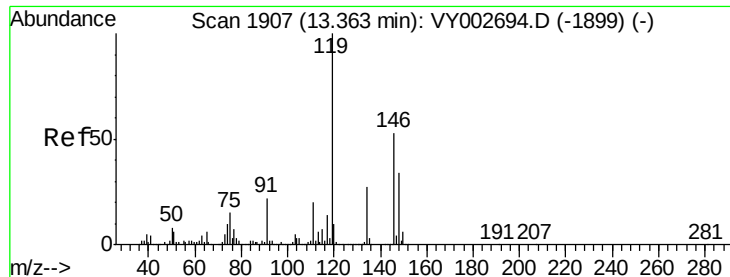


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

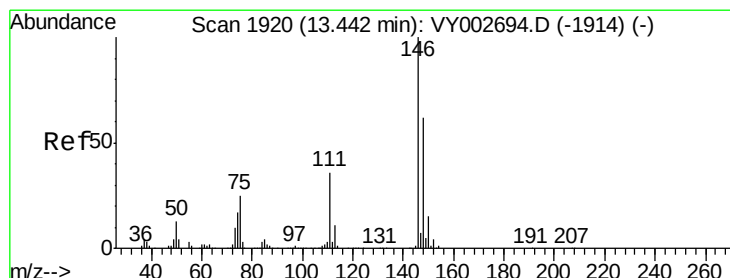
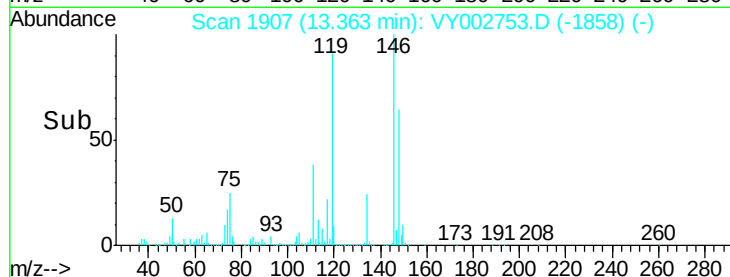
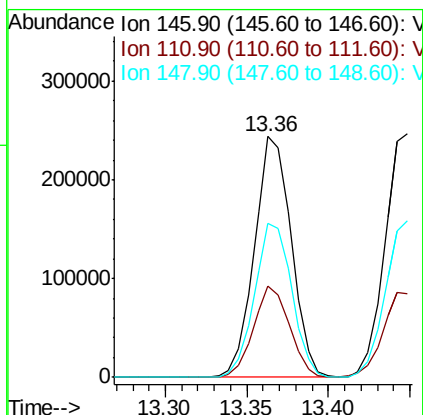
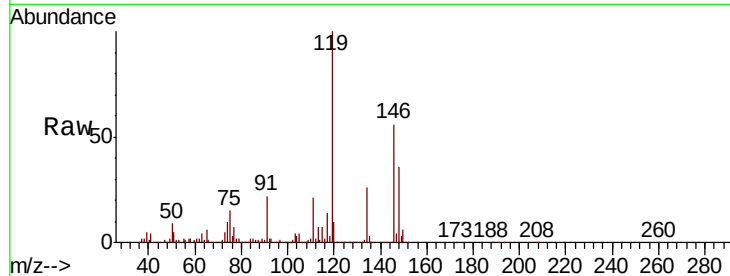




#87
 1,3-Dichlorobenzene
 Concen: 45.242 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY002753.D
 Acq: 22 May 2020 15:49

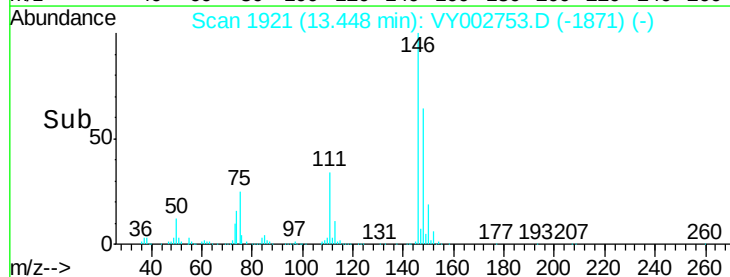
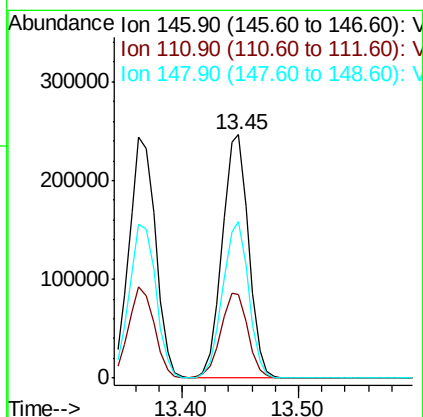
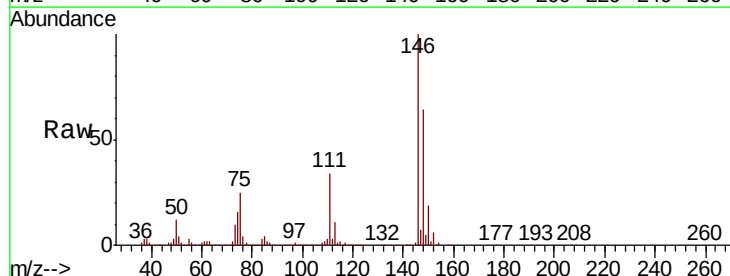
Instrument :
 MSVOA_Y
 ClientSampleId :

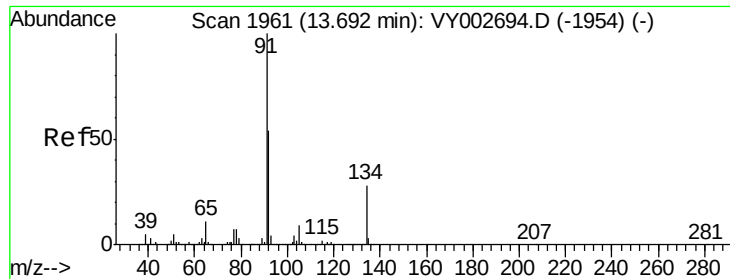
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.5	55.5
148	64.7	32.1	96.5



#88
 1,4-Dichlorobenzene
 Concen: 45.730 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. 0.01 min
 Lab File: VY002753.D
 Acq: 22 May 2020 15:49

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.6	18.1	54.4
148	63.7	31.8	95.3

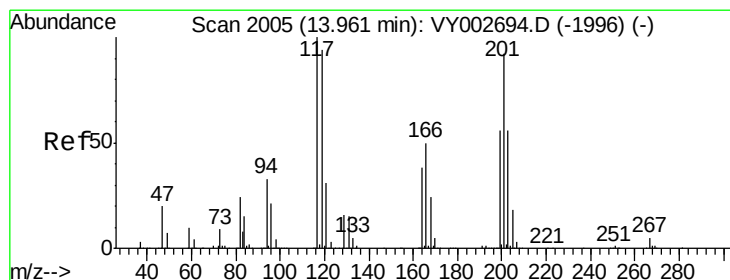
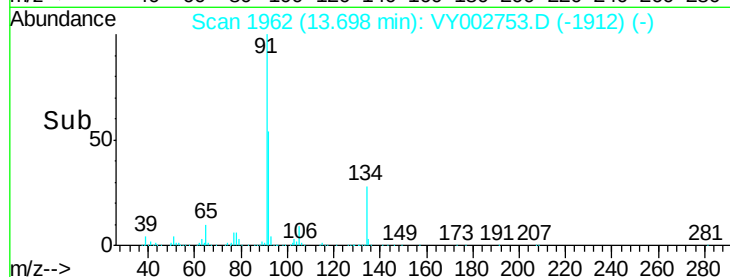
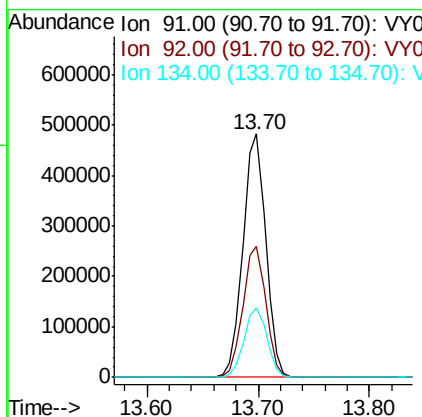
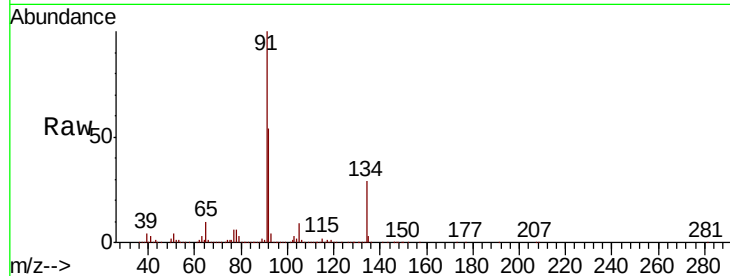




#89
n-Butylbenzene
Concen: 44.411 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY002753.D
Acq: 22 May 2020 15:49

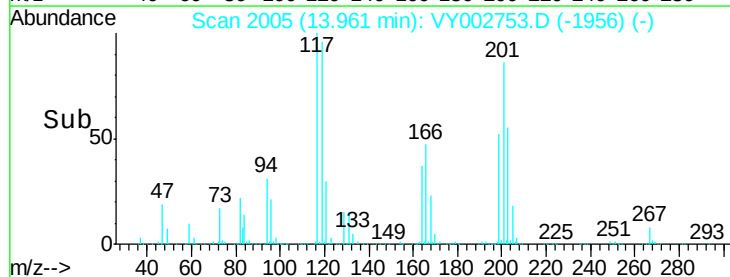
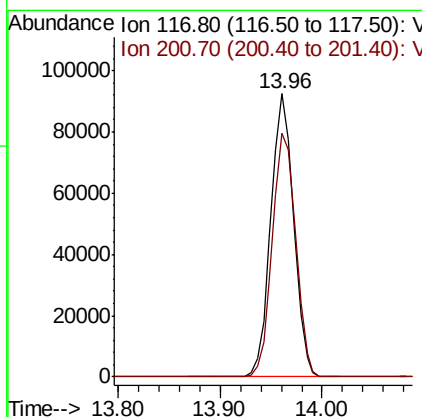
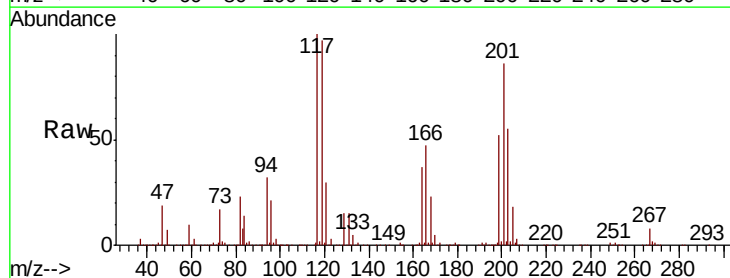
Instrument :
MSVOA_Y
ClientSampleId :

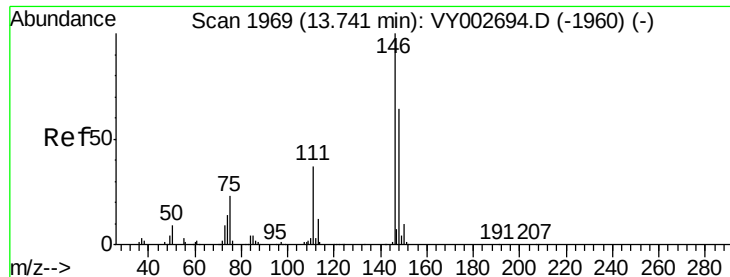
Tot Ion: 91 Resp: 685408
Ion Ratio Lower Upper
91 100
92 54.2 26.8 80.4
134 28.7 14.5 43.5



#90
Hexachloroethane
Concen: 45.920 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY002753.D
Acq: 22 May 2020 15:49

Tgt Ion: 117 Resp: 142936
Ion Ratio Lower Upper
117 100
201 88.0 44.9 134.7





#91

1,2-Dichlorobenzene

Concen: 46.157 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. -0.00 min

Lab File: VY002753.D

Acq: 22 May 2020 15:49

Instrument :

MSVOA_Y

ClientSampleId :

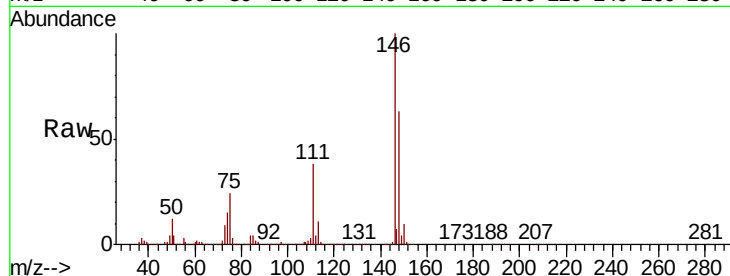
Tot Ion:146 Resp: 349129

Ion Ratio Lower Upper

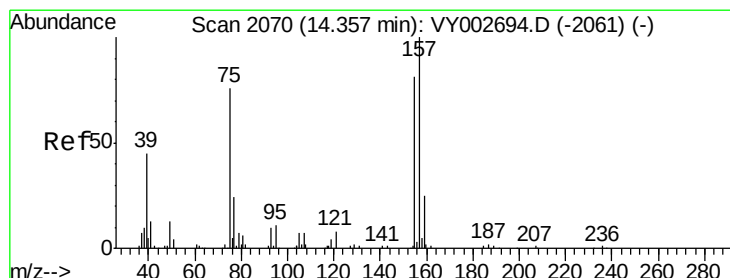
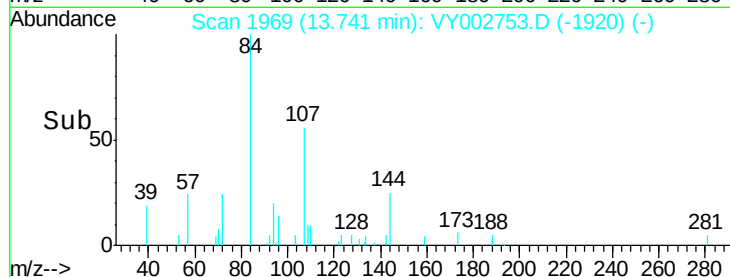
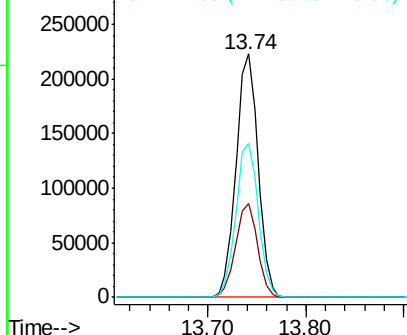
146 100

111 38.4 19.1 57.1

148 64.4 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.270 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. -0.00 min

Lab File: VY002753.D

Acq: 22 May 2020 15:49

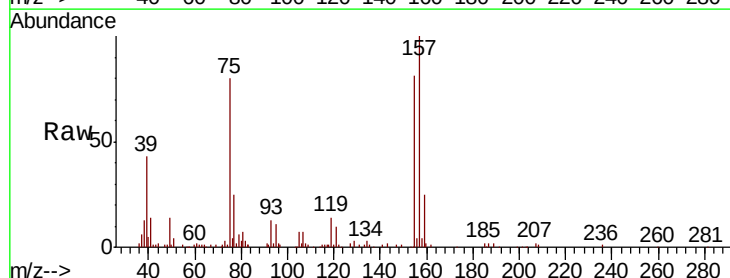
Tgt Ion: 75 Resp: 25826

Ion Ratio Lower Upper

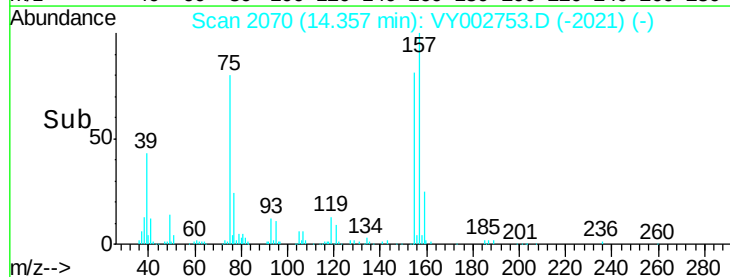
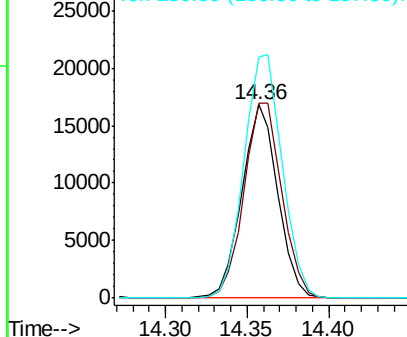
75 100

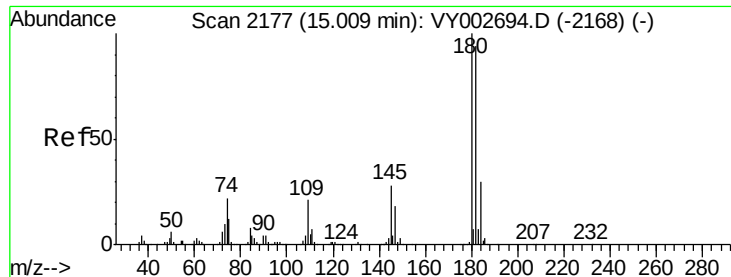
155 105.9 53.5 160.7

157 134.2 67.9 203.7



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

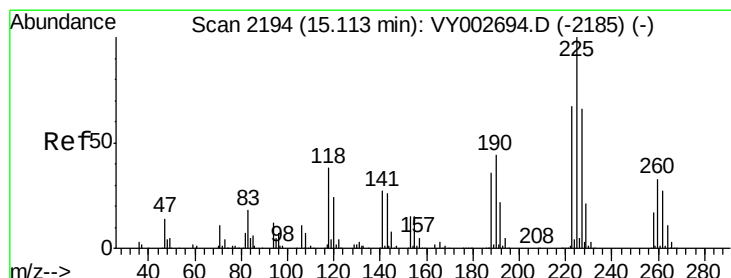
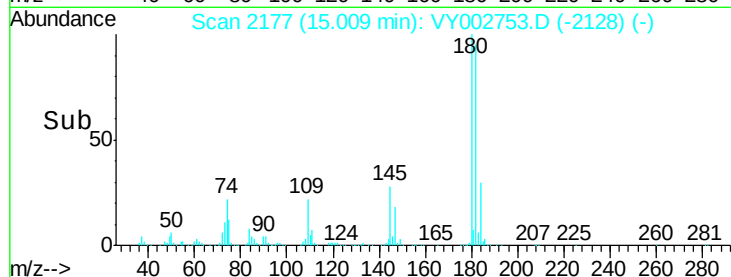
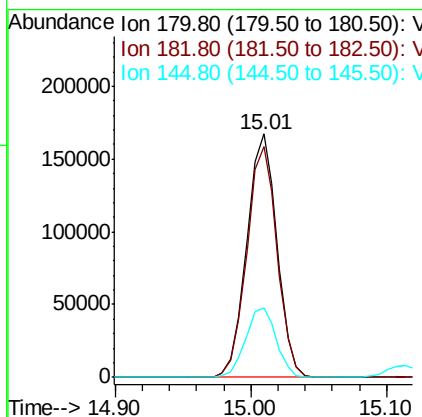
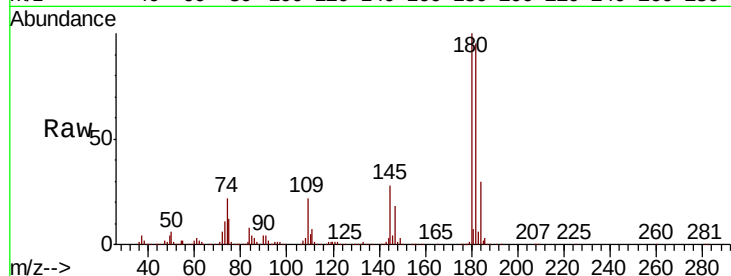




#93
 1,2,4-Trichlorobenzene
 Concen: 47.600 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VY002753.D
 Acq: 22 May 2020 15:49

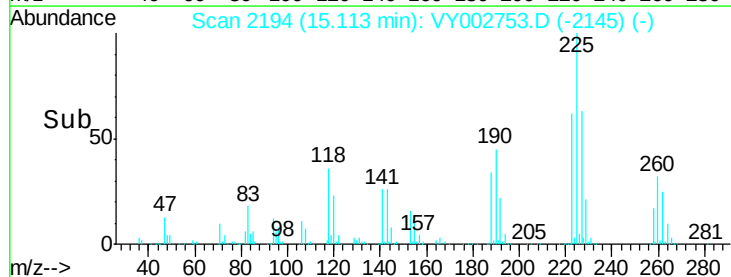
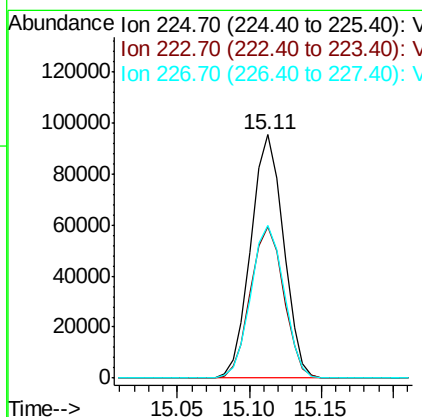
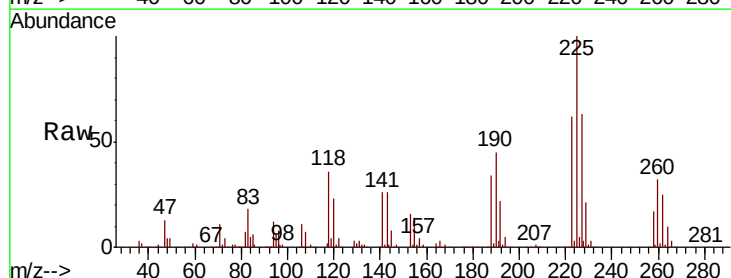
Instrument :
 MSVOA_Y
 ClientSampleId :

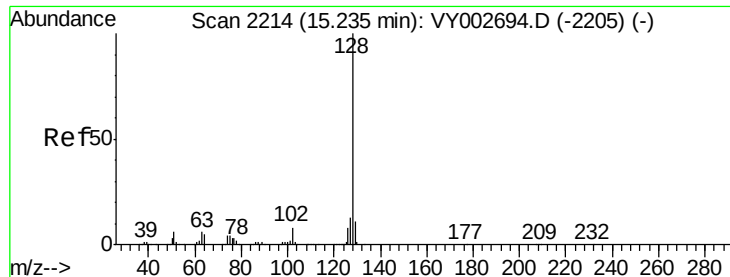
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.3	142.0
145	28.9	14.1	42.2



#94
 Hexachlorobutadiene
 Concen: 45.696 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY002753.D
 Acq: 22 May 2020 15:49

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	31.6	94.8
227	63.7	32.2	96.6

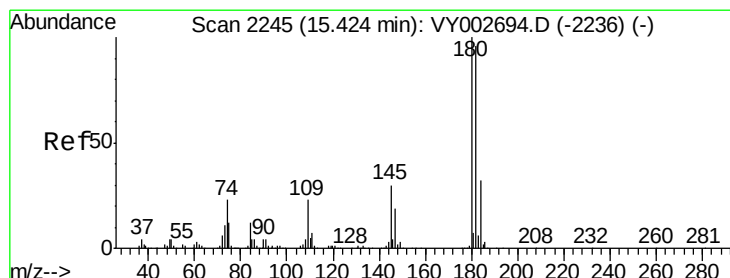
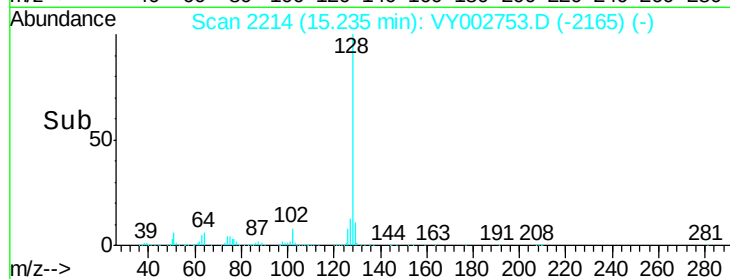
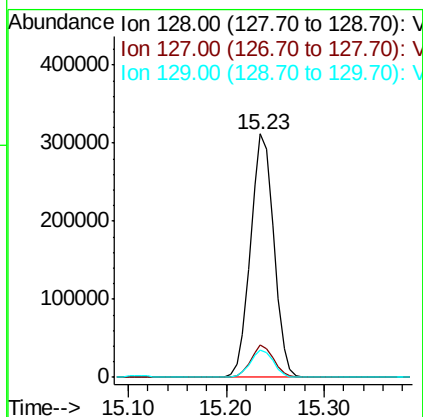
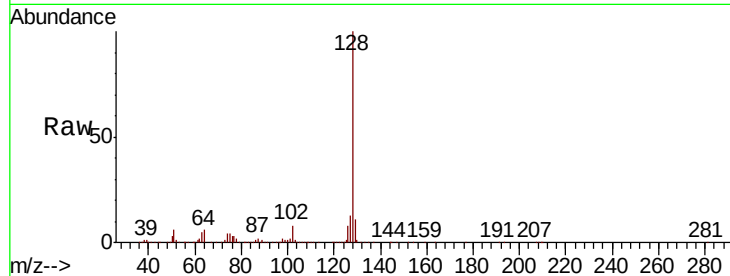




#95
Naphthalene
Concen: 49.558 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY002753.D
Acq: 22 May 2020 15:49

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:128 Resp: 516252
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.1 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 49.877 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY002753.D
Acq: 22 May 2020 15:49

Tgt Ion:180 Resp: 231483
Ion Ratio Lower Upper
180 100
182 95.2 47.6 142.9
145 30.4 15.1 45.3

