

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY062920\
 Data File : VY003005.D
 Acq On : 29 Jun 2020 13:38
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY062920

Quant Time: Jun 30 05:53:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	504485	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	741640	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	668912	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	352206	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	250675	50.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.06%	
35) Dibromofluoromethane	7.72	113	233450	50.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.92%	
50) Toluene-d8	10.18	98	885628	51.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.76%	
62) 4-Bromofluorobenzene	12.48	95	310132	51.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.24%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.91	85	189576	49.619	ug/l	100
3) Chloromethane	2.12	50	255093	45.595	ug/l	99
4) Vinyl Chloride	2.26	62	269538	49.389	ug/l	98
5) Bromomethane	2.66	94	188023	50.743	ug/l	96
6) Chloroethane	2.80	64	171651	49.443	ug/l	95
7) Trichlorofluoromethane	3.13	101	384346	49.897	ug/l	99
8) Diethyl Ether	3.54	74	128893	48.811	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.91	101	232488	50.549	ug/l	100
10) Methyl Iodide	4.10	142	290997	51.025	ug/l	100
11) Tert butyl alcohol	4.96	59	110632	216.656	ug/l	99
12) 1,1-Dichloroethene	3.88	96	219694	50.204	ug/l	96
13) Acrolein	3.74	56	97709	213.049	ug/l	100
14) Allyl chloride	4.49	41	380055	49.743	ug/l	99
15) Acrylonitrile	5.18	53	318884	234.313	ug/l	99
16) Acetone	3.96	43	289896	245.316	ug/l	99
17) Carbon Disulfide	4.20	76	695396	49.737	ug/l	99
18) Methyl Acetate	4.48	43	145090	45.572	ug/l	98
19) Methyl tert-butyl Ether	5.23	73	630917	49.462	ug/l	100
20) Methylene Chloride	4.72	84	263686	50.004	ug/l	98
21) trans-1,2-Dichloroethene	5.23	96	246588	49.817	ug/l	99
22) Diisopropyl ether	6.13	45	810124	49.471	ug/l	98
23) Vinyl Acetate	6.07	43	2704189	246.997	ug/l	100
24) 1,1-Dichloroethane	6.02	63	442740	49.494	ug/l	100
25) 2-Butanone	6.99	43	443898	236.471	ug/l	99
26) 2,2-Dichloropropane	6.99	77	404834	49.811	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	273882	49.331	ug/l	100
28) Bromochloromethane	7.34	49	221106	55.552	ug/l	97
29) Tetrahydrofuran	7.35	42	290529	232.734	ug/l	98
30) Chloroform	7.52	83	438347	49.464	ug/l	100
31) Cyclohexane	7.79	56	416903	47.309	ug/l	99
32) 1,1,1-Trichloroethane	7.71	97	401591	49.645	ug/l	100
36) 1,1-Dichloropropene	7.93	75	354777	49.662	ug/l	99
37) Ethyl Acetate	7.08	43	201920	47.010	ug/l	98
38) Carbon Tetrachloride	7.91	117	369949	49.774	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	442917	50.006	ug/l	98
40) Benzene	8.17	78	969389	49.565	ug/l	99
41) Methacrylonitrile	7.35	41	274994	119.853	ug/l #	41
42) 1,2-Dichloroethane	8.24	62	304988	49.294	ug/l	100
43) Isopropyl Acetate	8.28	43	393048	48.135	ug/l	99
44) Trichloroethene	8.94	130	285147	50.162	ug/l	99
45) 1,2-Dichloropropane	9.22	63	258396	49.109	ug/l	95
46) Dibromomethane	9.31	93	144432	49.147	ug/l	98
47) Bromodichloromethane	9.50	83	355055	49.341	ug/l	99
48) Methyl methacrylate	9.30	41	180090	48.454	ug/l	97
49) 1,4-Dioxane	9.30	88	33876	944.316	ug/l	94
51) 4-Methyl-2-Pentanone	10.07	43	997855	236.438	ug/l	99
52) Toluene	10.24	92	603672	49.033	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	378933	50.227	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	424785	49.232	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	200557	49.112	ug/l	98
56) Ethyl methacrylate	10.51	69	291231	49.266	ug/l	99
57) 1,3-Dichloropropane	10.79	76	349679	48.777	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	773029	254.976	ug/l	100
59) 2-Hexanone	10.83	43	712153	241.417	ug/l	99
60) Dibromochloromethane	10.99	129	259762	49.705	ug/l	99
61) 1,2-Dibromoethane	11.09	107	193944	48.174	ug/l	100
64) Tetrachloroethene	10.72	164	284359	50.229	ug/l	99
65) Chlorobenzene	11.52	112	666782	50.553	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	257786	50.060	ug/l	99
67) Ethyl Benzene	11.59	91	1214134	50.317	ug/l	99
68) m/p-Xylenes	11.70	106	907209	101.019	ug/l	100
69) o-Xylene	12.03	106	427782	50.549	ug/l	99
70) Styrene	12.05	104	736667	50.954	ug/l	99
71) Bromoform	12.20	173	175029	50.974	ug/l	98
73) Isopropylbenzene	12.33	105	1164868	50.536	ug/l	99
74) N-amyl acetate	12.14	43	368303	49.081	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	233488	50.195	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	319054	91.531	ug/l #	100
77) Bromobenzene	12.61	156	296509	50.170	ug/l	98
78) n-propylbenzene	12.67	91	1395814	50.352	ug/l	100
79) 2-Chlorotoluene	12.75	91	782943	50.599	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	983976	50.871	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	87883	49.052	ug/l	96
82) 4-Chlorotoluene	12.85	91	820388	50.923	ug/l	99
83) tert-Butylbenzene	13.08	119	856393	50.423	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	982260	50.396	ug/l	99
85) sec-Butylbenzene	13.25	105	1196870	51.126	ug/l	99
86) p-Isopropyltoluene	13.37	119	1105996	50.986	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	561521	50.890	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	553028	50.828	ug/l	100
89) n-Butylbenzene	13.70	91	1062434	51.190	ug/l	99
90) Hexachloroethane	13.96	117	217617	50.521	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	497462	50.250	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	39794	48.326	ug/l	95

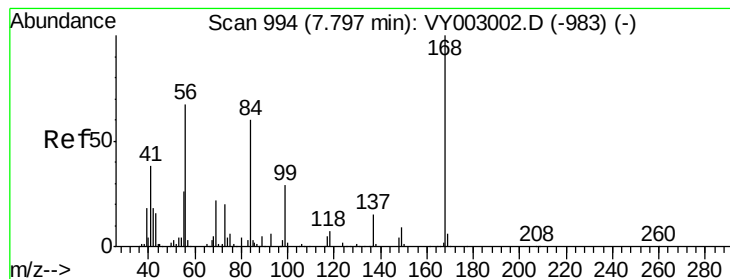
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	381995	51.928	ug/l	99
94) Hexachlorobutadiene	15.11	225	238782	51.461	ug/l	99
95) Naphthalene	15.23	128	690641	51.402	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	326124	51.055	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY003005.D

Acq: 29 Jun 2020 13:38

Instrument :

MSVOA_Y

ClientSampleId :

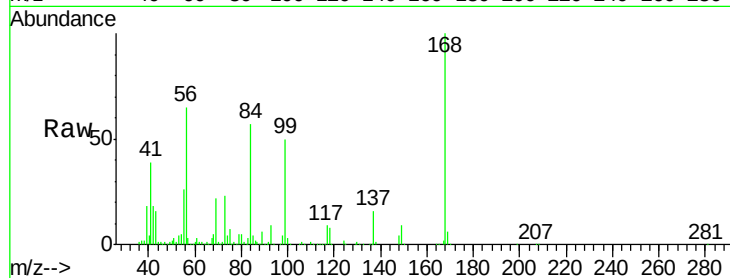
ICVY062920

Tot Ion:168 Resp: 504485

Ion Ratio Lower Upper

168 100

99 50.0 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

7.80

250000

200000

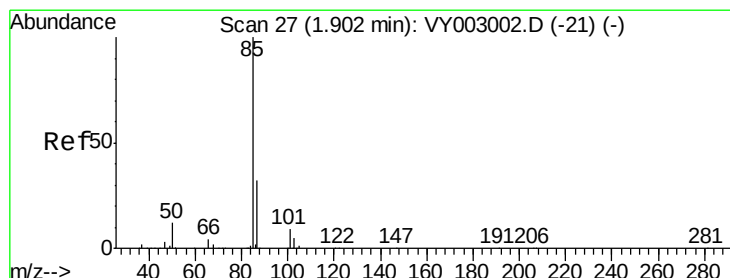
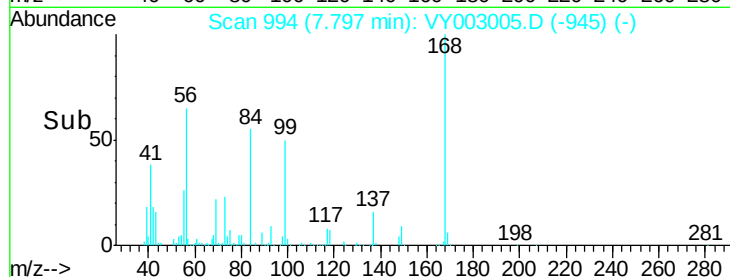
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 49.619 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY003005.D

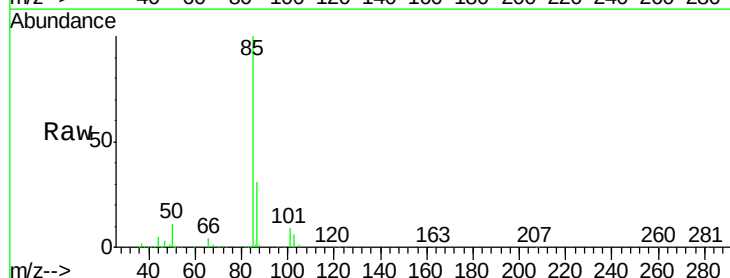
Acq: 29 Jun 2020 13:38

Tgt Ion: 85 Resp: 189576

Ion Ratio Lower Upper

85 100

87 31.4 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VY0

Ion 86.90 (86.60 to 87.60): VY0

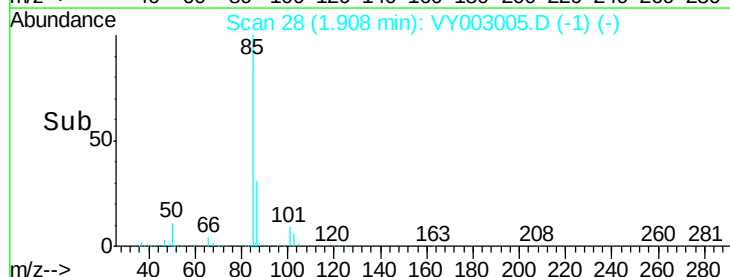
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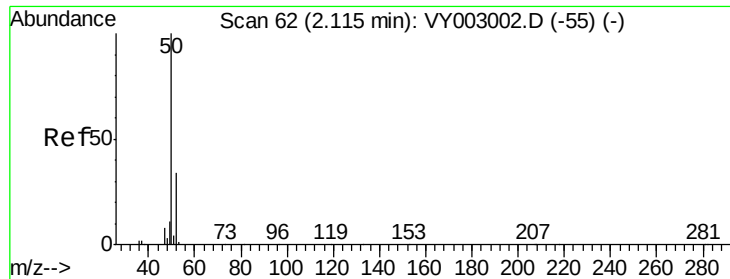
100000

50000

0

Time-->





#3

Chloromethane

Concen: 45.595 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY003005.D

Acq: 29 Jun 2020 13:38

Instrument :

MSVOA_Y

ClientSampleId :

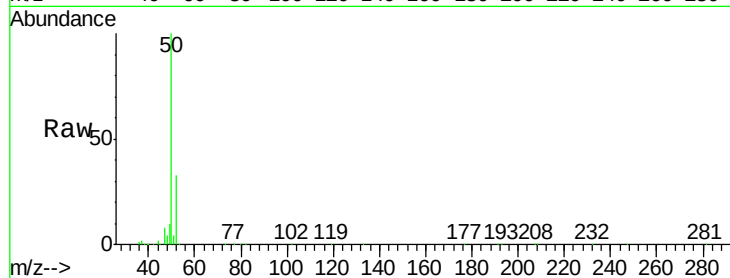
ICVY062920

Tot Ion: 50 Resp: 255093

Ion Ratio Lower Upper

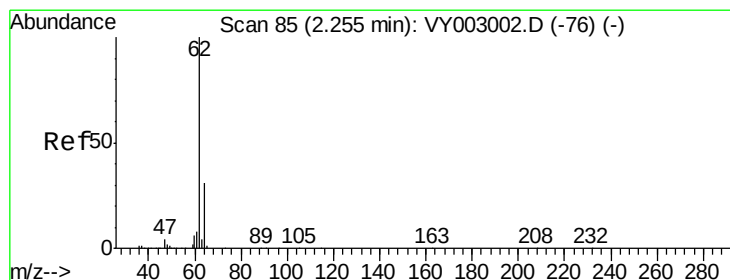
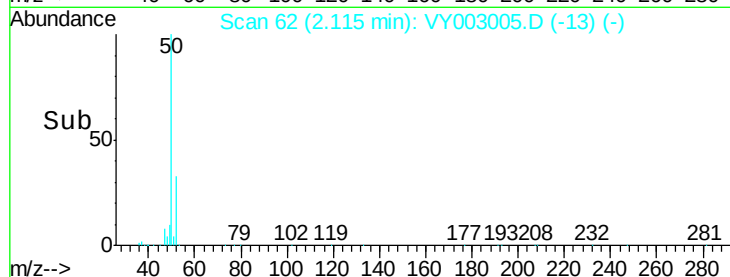
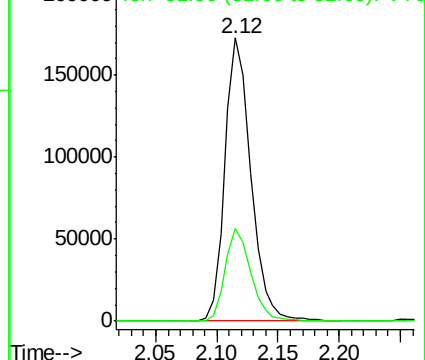
50 100

52 32.9 26.9 40.3



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 49.389 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.00 min

Lab File: VY003005.D

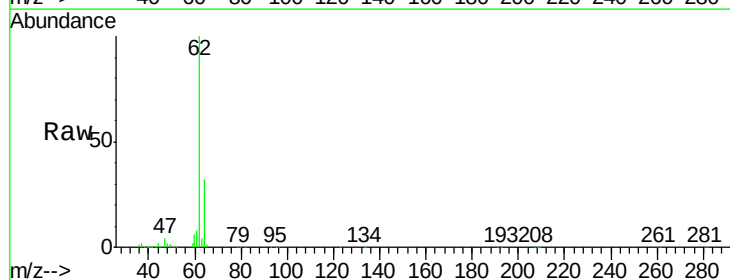
Acq: 29 Jun 2020 13:38

Tgt Ion: 62 Resp: 269538

Ion Ratio Lower Upper

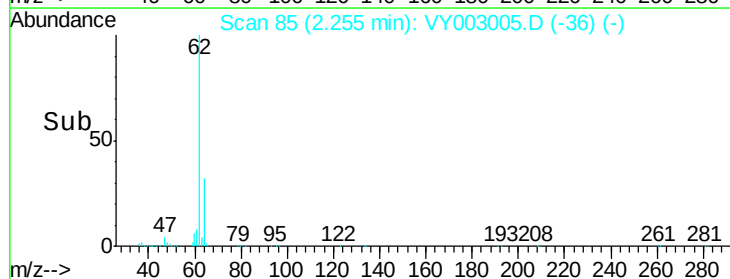
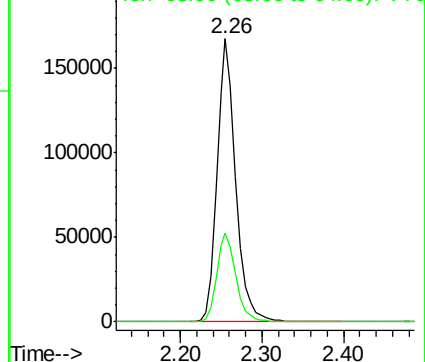
62 100

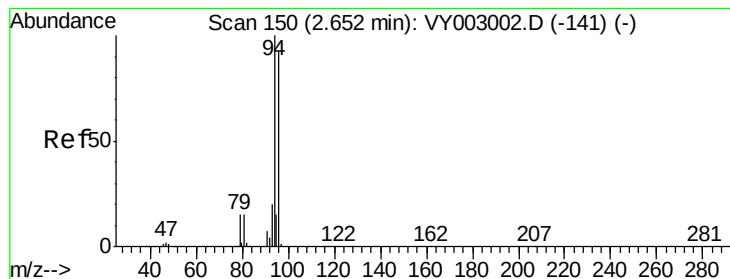
64 31.6 24.4 36.6



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 50.743 ug/l

RT: 2.66 min Scan# 151

Delta R.T. 0.01 min

Lab File: VY003005.D

Acq: 29 Jun 2020 13:38

Instrument :

MSVOA_Y

ClientSampled :

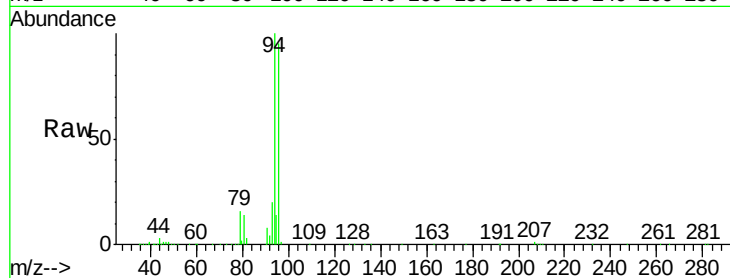
ICVY062920

Tot Ion: 94 Resp: 188023

Ion Ratio Lower Upper

94 100

96 95.3 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.66

100000

80000

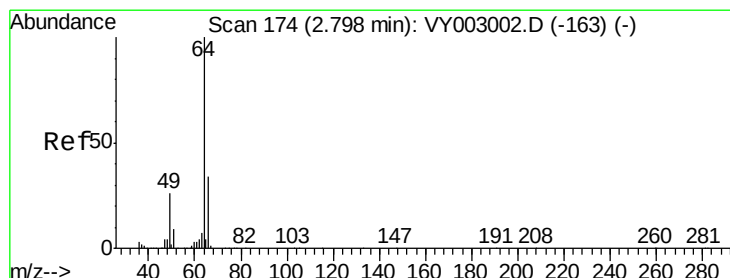
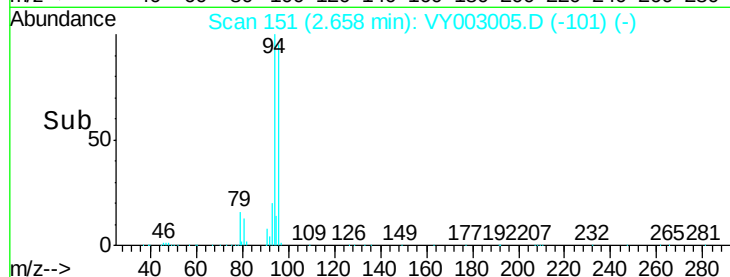
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 49.443 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.00 min

Lab File: VY003005.D

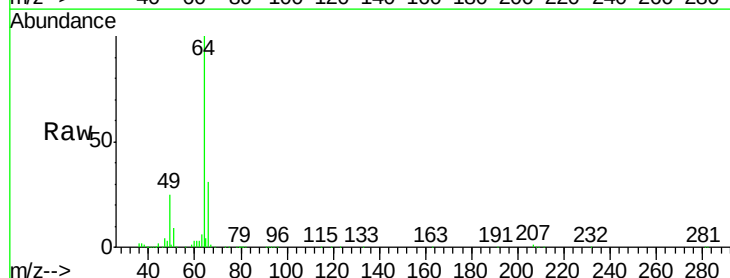
Acq: 29 Jun 2020 13:38

Tgt Ion: 64 Resp: 171651

Ion Ratio Lower Upper

64 100

66 31.1 27.0 40.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.80

80000

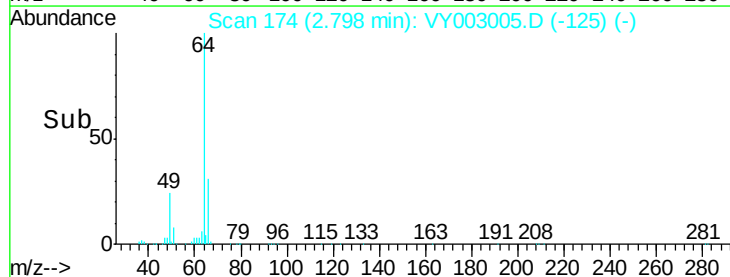
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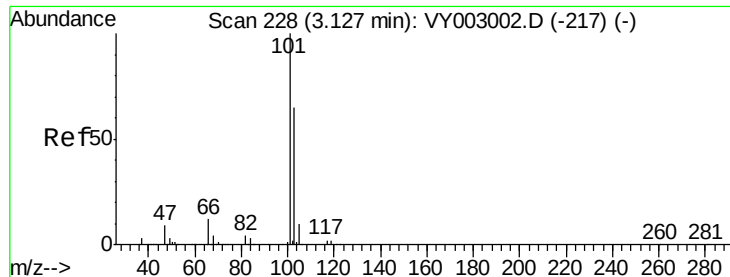
40000

20000

0

Time-->



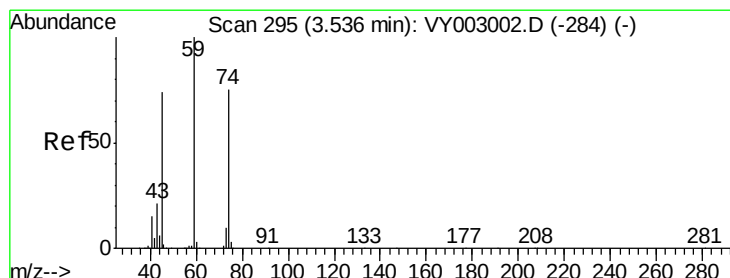
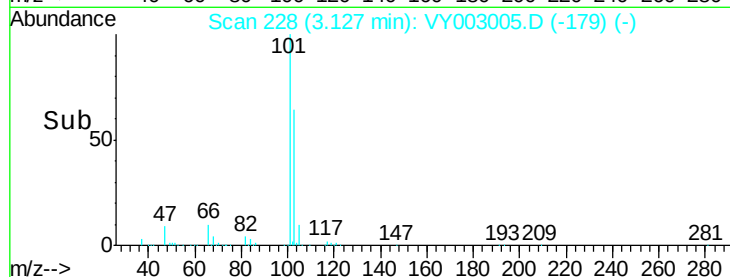
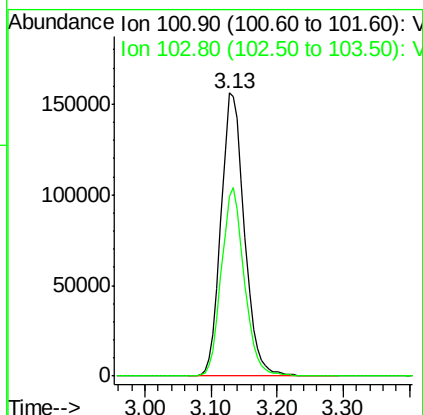
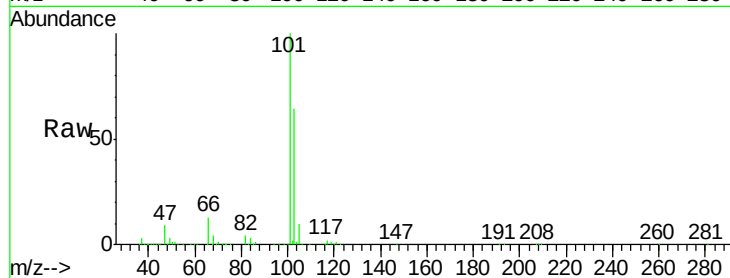


#7

Trichlorofluoromethane
 Concen: 49.897 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. 0.00 min
 Lab File: VY003005.D
 Acq: 29 Jun 2020 13:38

Instrument :
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 ICVVY062920

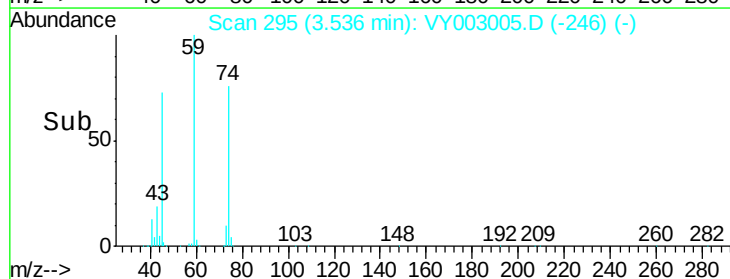
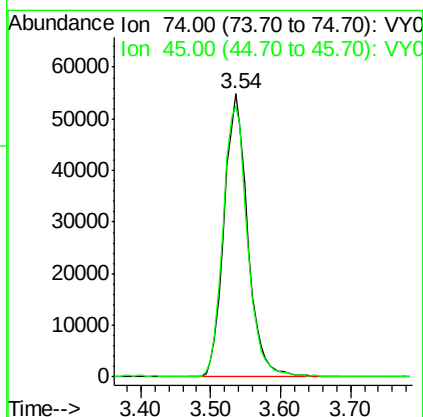
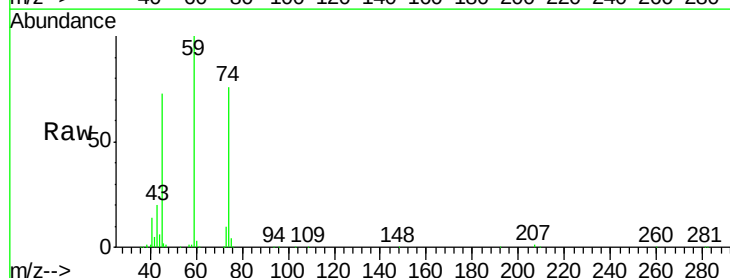
Tot Ion:101 Resp: 384346
 Ion Ratio Lower Upper
 101 100
 103 63.6 51.6 77.4

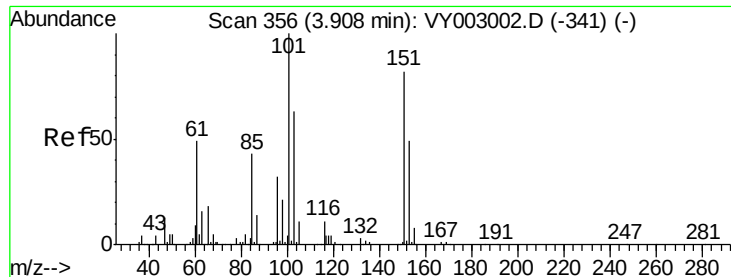


#8

Diethyl Ether
 Concen: 48.811 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. 0.00 min
 Lab File: VY003005.D
 Acq: 29 Jun 2020 13:38

Tgt Ion: 74 Resp: 128893
 Ion Ratio Lower Upper
 74 100
 45 98.7 49.3 147.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.549 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.00 min

Lab File: VY003005.D

Acq: 29 Jun 2020 13:38

Instrument :

MSVOA_Y

ClientSampleId :

ICVY062920

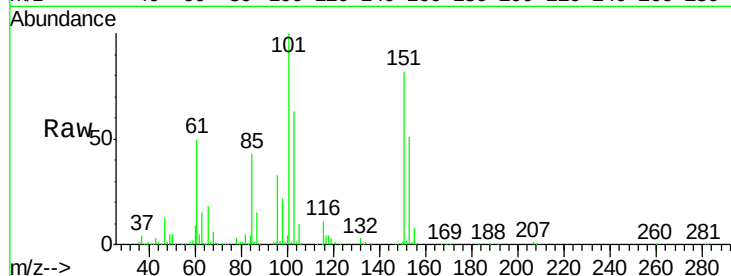
Tot Ion:101 Resp: 232488

Ion Ratio Lower Upper

101 100

85 43.9 35.5 53.3

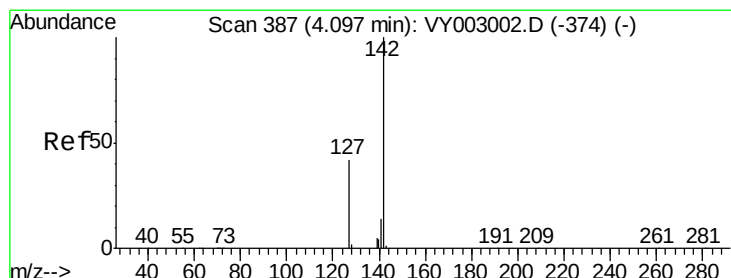
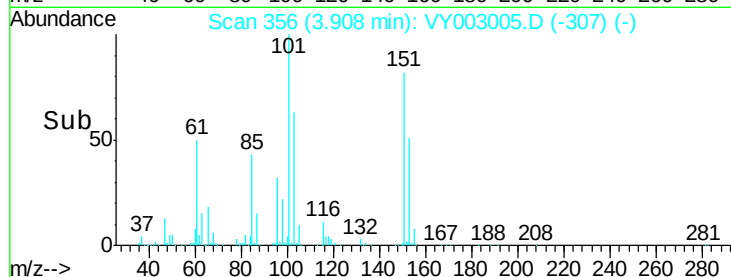
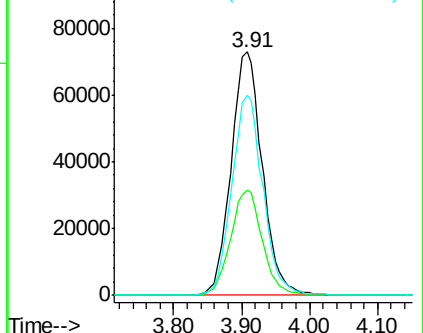
151 82.0 65.5 98.3



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: 51.025 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY003005.D

Acq: 29 Jun 2020 13:38

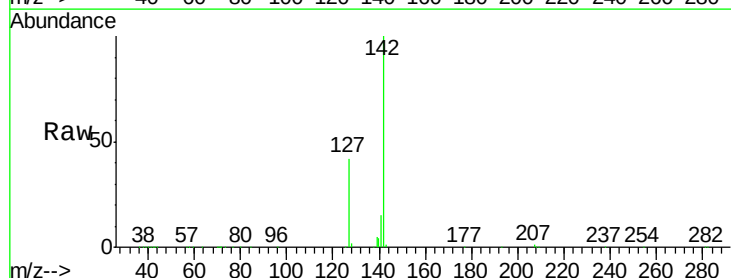
Tgt Ion:142 Resp: 290997

Ion Ratio Lower Upper

142 100

127 42.5 34.2 51.2

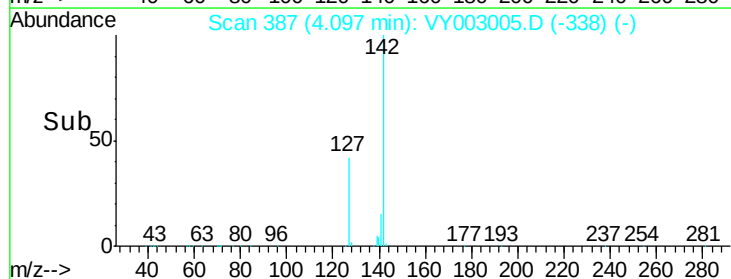
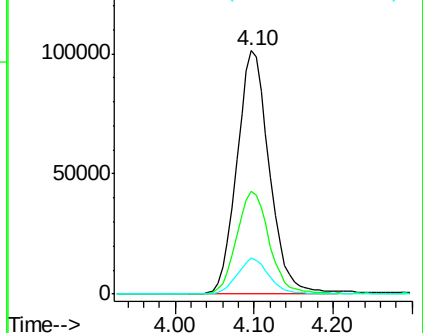
141 14.4 11.7 17.5

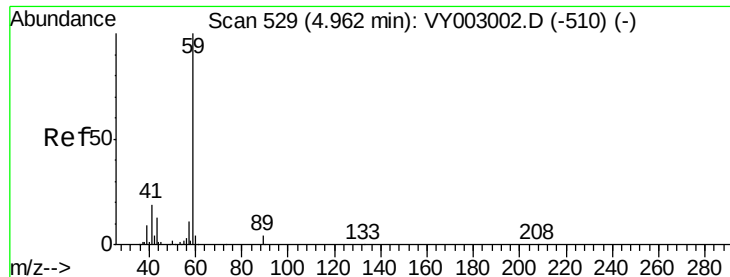


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



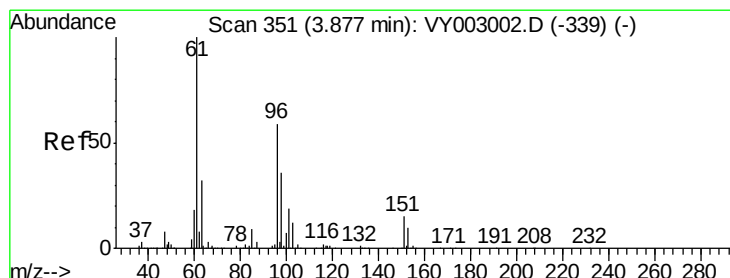
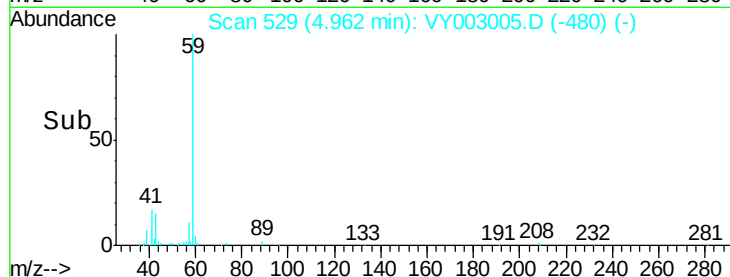
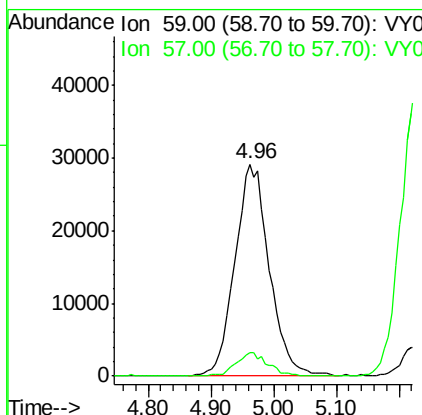
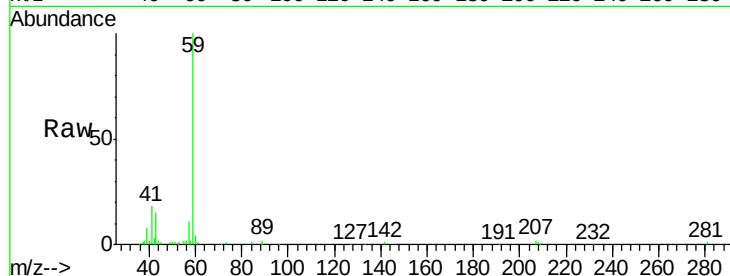


#11

Tert butyl alcohol
 Concen: 216.656 ug/l
 RT: 4.96 min Scan# 529
 Delta R.T. 0.00 min
 Lab File: VY003005.D
 Acq: 29 Jun 2020 13:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY062920

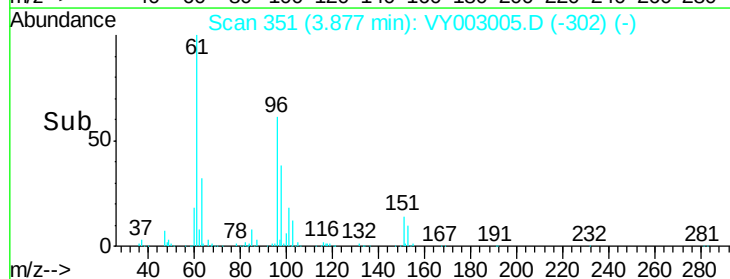
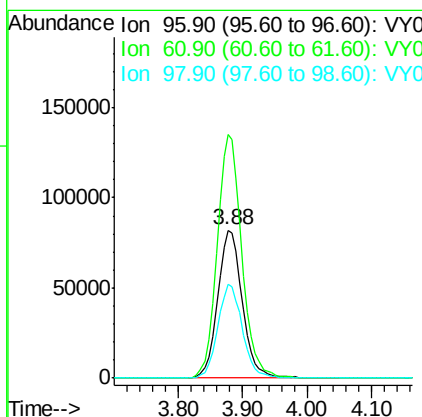
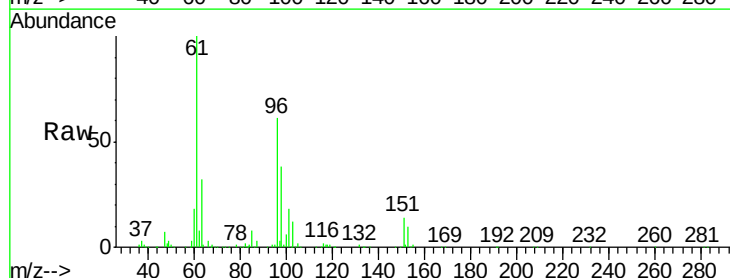
Tot Ion: 59 Resp: 110632
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.0 12.0

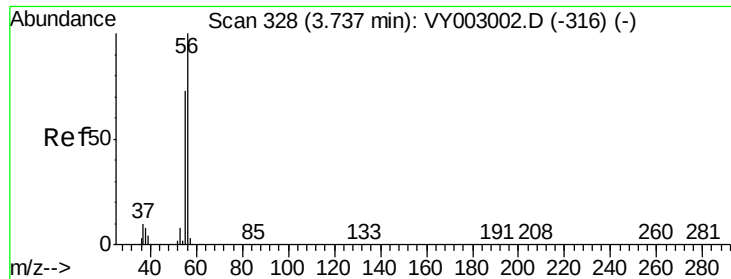


#12

1,1-Dichloroethene
 Concen: 50.204 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VY003005.D
 Acq: 29 Jun 2020 13:38

Tgt Ion: 96 Resp: 219694
 Ion Ratio Lower Upper
 96 100
 61 164.7 136.7 205.1
 98 63.2 49.7 74.5

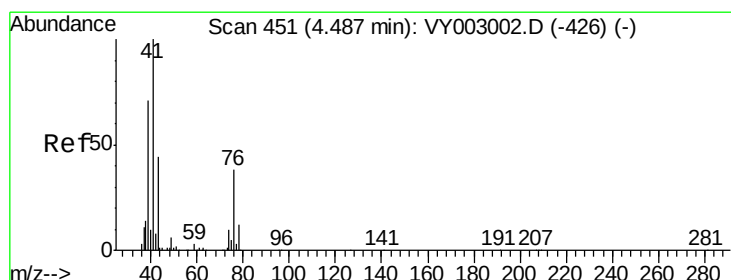
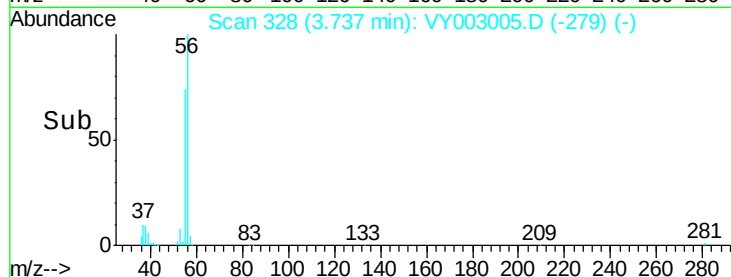
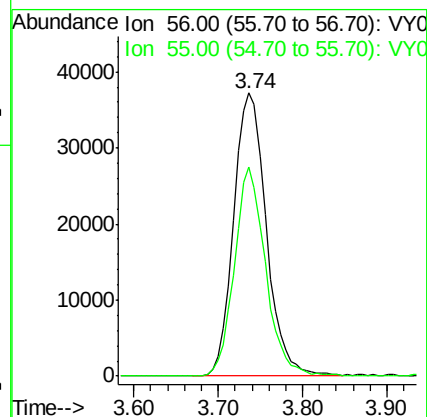
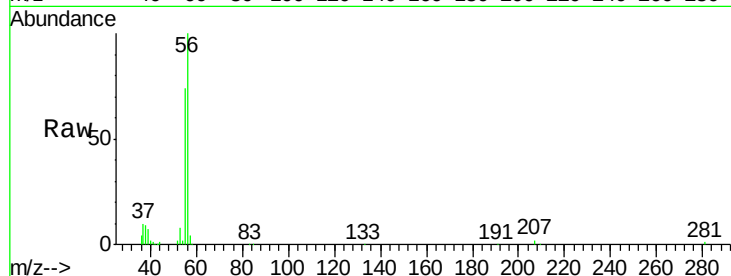




#13
Acrolein
Concen: 213.049 ug/l
RT: 3.74 min Scan# 328
Delta R.T. 0.00 min
Lab File: VY003005.D
Acq: 29 Jun 2020 13:38

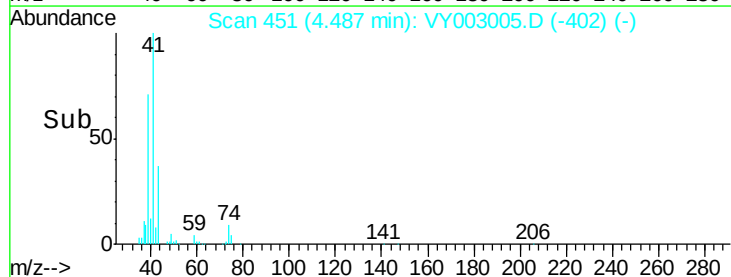
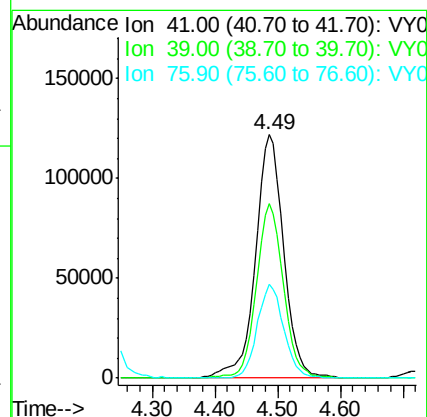
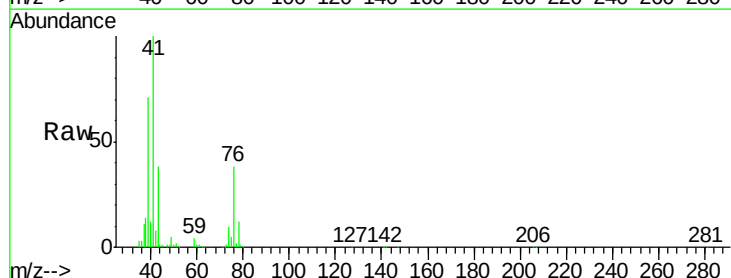
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY062920

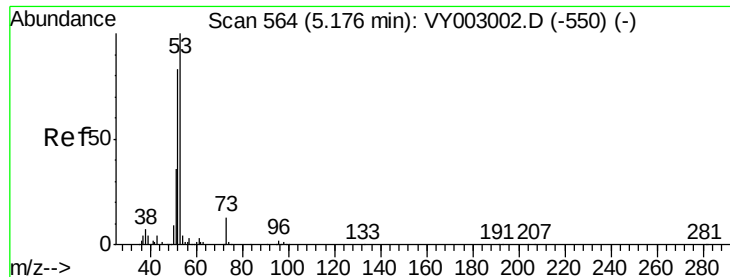
Tot Ion: 56 Resp: 97709
Ion Ratio Lower Upper
56 100
55 70.3 56.4 84.6



#14
Allyl chloride
Concen: 49.743 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.00 min
Lab File: VY003005.D
Acq: 29 Jun 2020 13:38

Tgt Ion: 41 Resp: 380055
Ion Ratio Lower Upper
41 100
39 68.7 55.6 83.4
76 36.0 28.6 43.0





#15

Acrylonitrile

Concen: 234.313 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY003005.D

Acq: 29 Jun 2020 13:38

Instrument :

MSVOA_Y

ClientSampleId :

ICVY062920

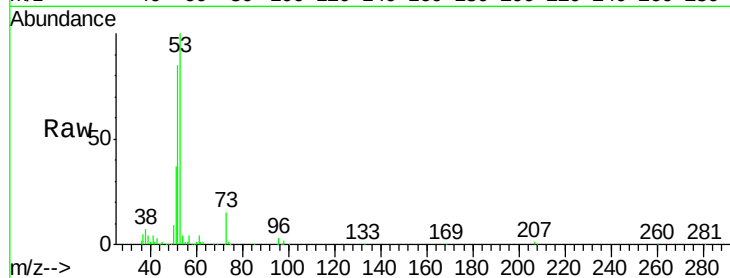
Tot Ion: 53 Resp: 318884

Ion Ratio Lower Upper

53 100

52 84.2 66.2 99.2

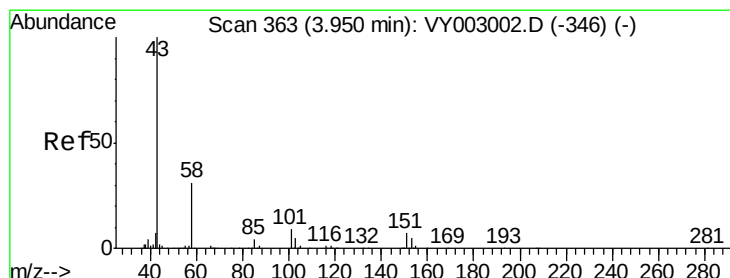
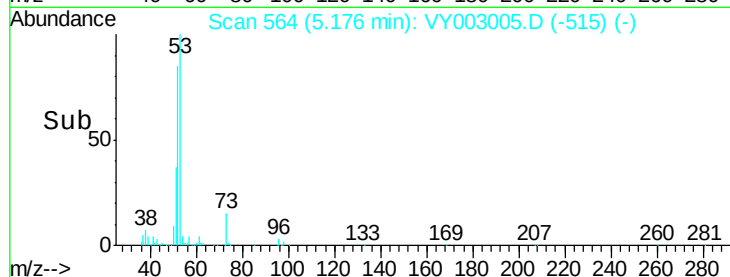
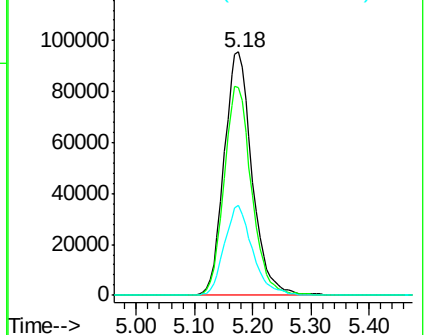
51 37.4 29.5 44.3



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: 245.316 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY003005.D

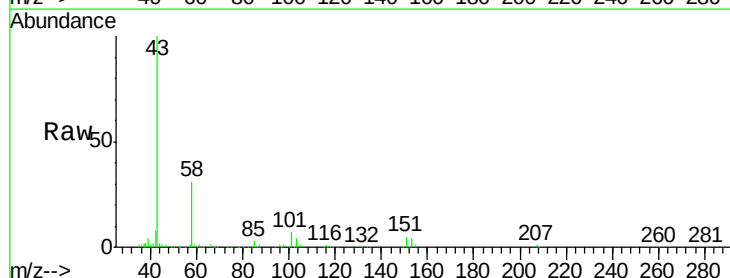
Acq: 29 Jun 2020 13:38

Tgt Ion: 43 Resp: 289896

Ion Ratio Lower Upper

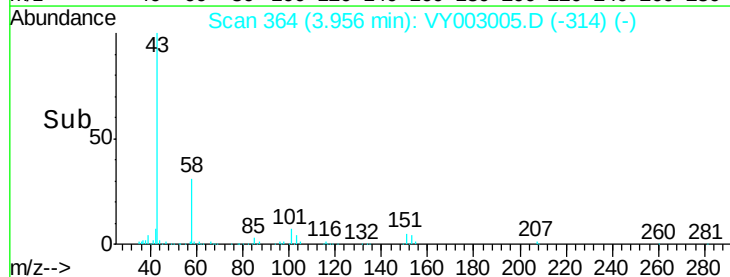
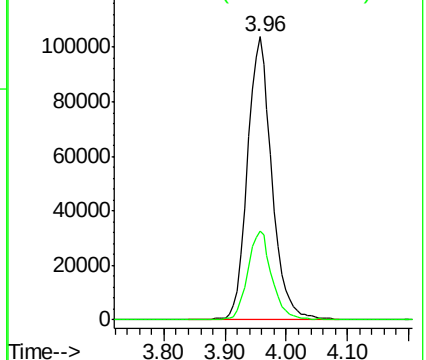
43 100

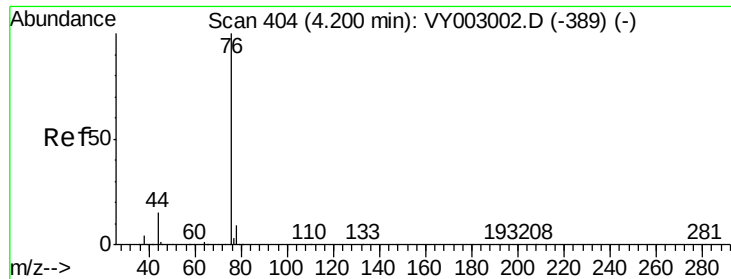
58 31.3 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

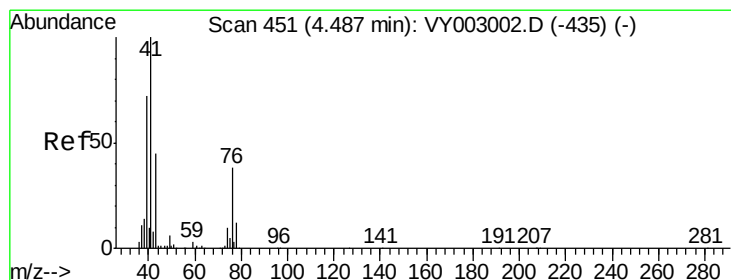
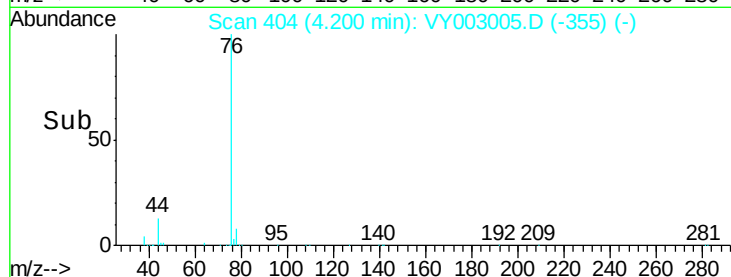
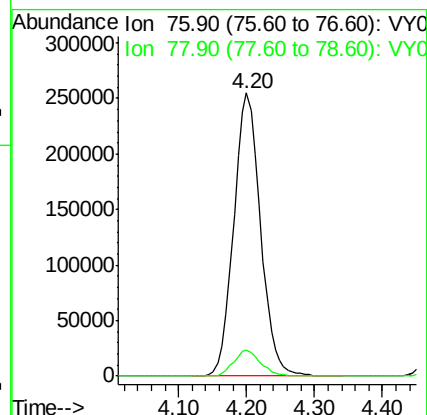
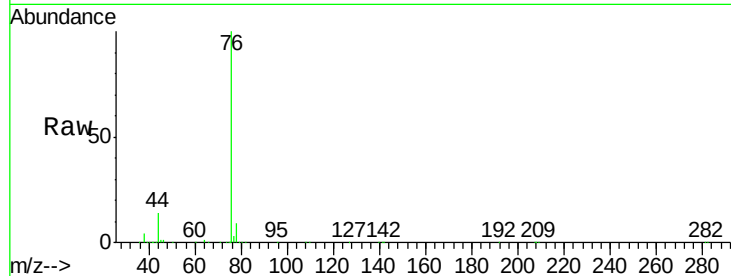




#17
Carbon Disulfide
Concen: 49.737 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.00 min
Lab File: VY003005.D
Acq: 29 Jun 2020 13:38

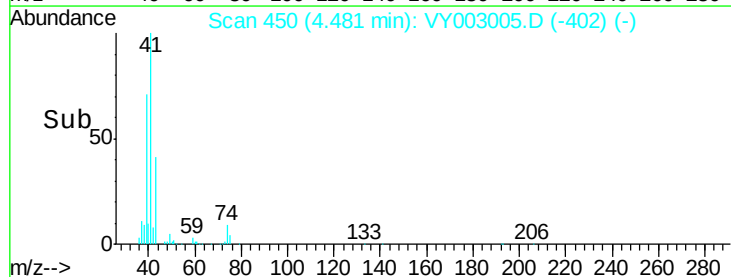
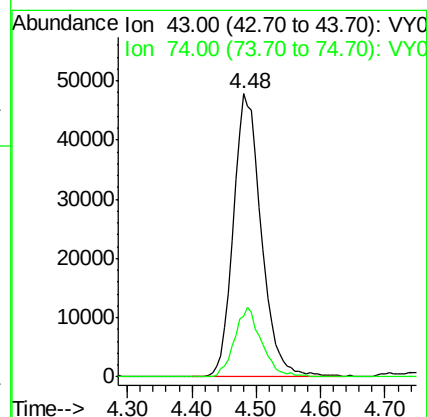
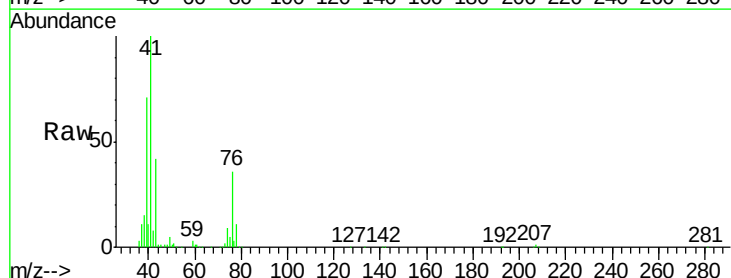
Instrument :
MSVOA_Y
ClientSampleId :
ICVY062920

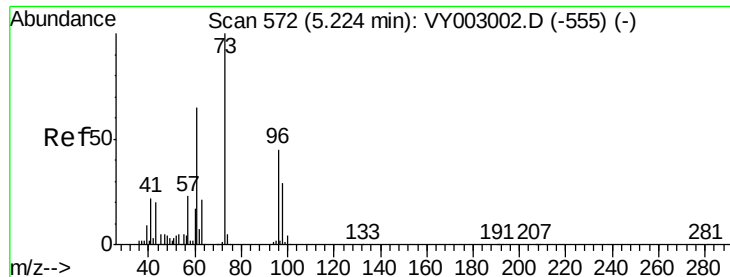
Tot Ion: 76 Resp: 695396
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.6



#18
Methyl Acetate
Concen: 45.572 ug/l
RT: 4.48 min Scan# 450
Delta R.T. -0.01 min
Lab File: VY003005.D
Acq: 29 Jun 2020 13:38

Tgt Ion: 43 Resp: 145090
Ion Ratio Lower Upper
43 100
74 23.7 18.2 27.4

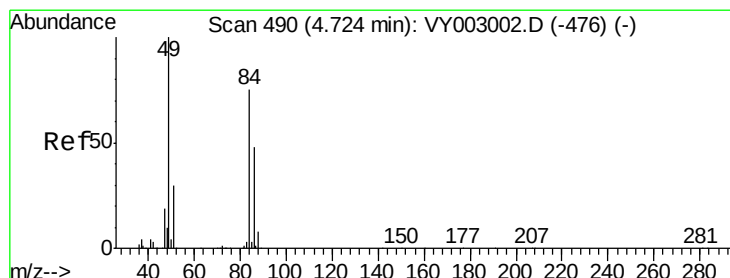
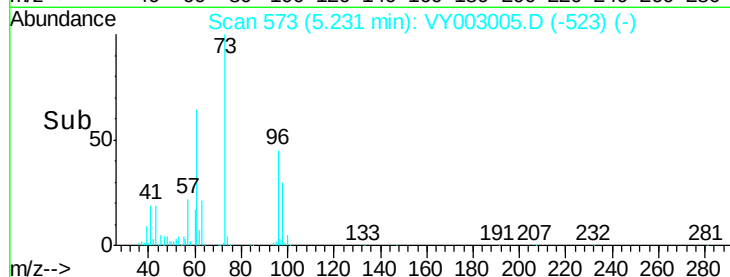
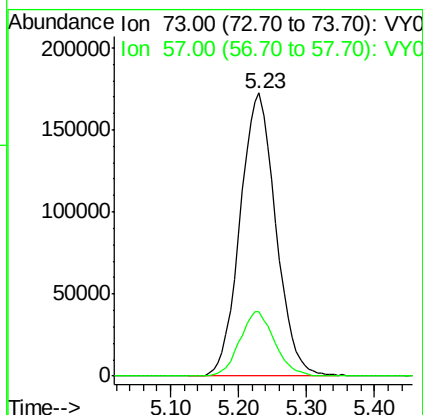
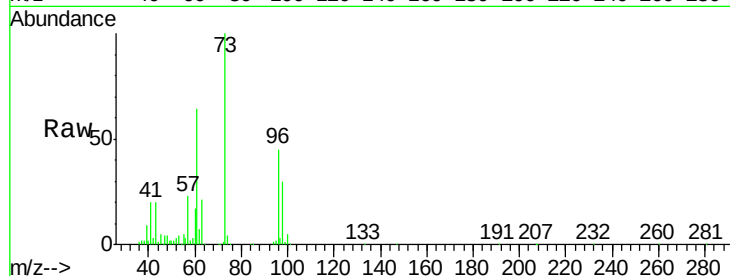




#19
Methyl tert-butyl Ether
Concen: 49.462 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.01 min
Lab File: VY003005.D
Acq: 29 Jun 2020 13:38

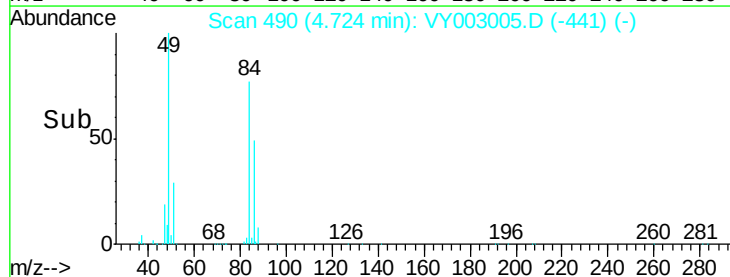
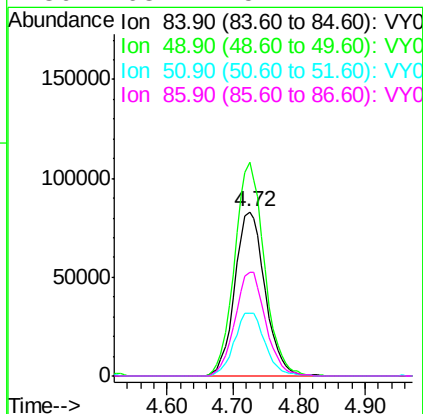
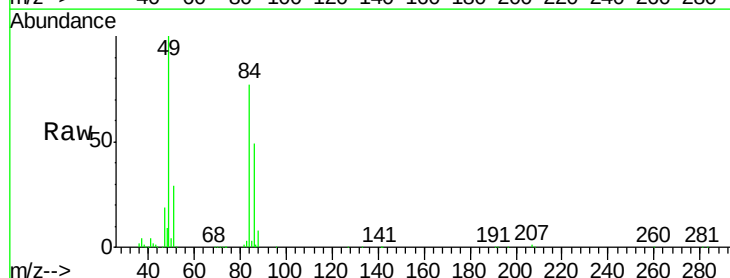
Instrument :
MSVOA_Y
ClientSampleId :
ICVY062920

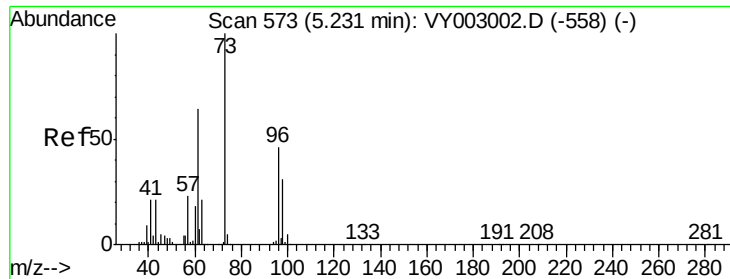
Tot Ion: 73 Resp: 630917
Ion Ratio Lower Upper
73 100
57 22.8 18.2 27.2



#20
Methylene Chloride
Concen: 50.004 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003005.D
Acq: 29 Jun 2020 13:38

Tgt Ion: 84 Resp: 263686
Ion Ratio Lower Upper
84 100
49 130.2 106.8 160.2
51 38.2 32.0 48.0
86 63.2 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 49.817 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.00 min

Lab File: VY003005.D

Acq: 29 Jun 2020 13:38

Instrument :

MSVOA_Y

ClientSampleId :

ICVY062920

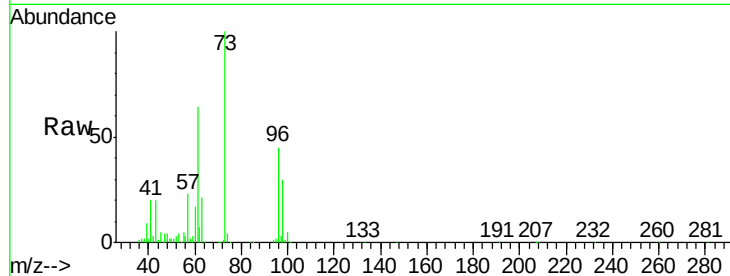
Tot Ion: 96 Resp: 246588

Ion Ratio Lower Upper

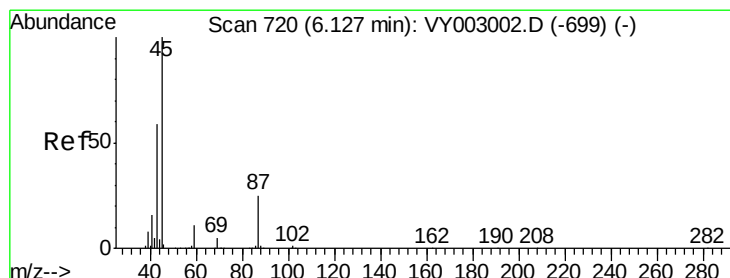
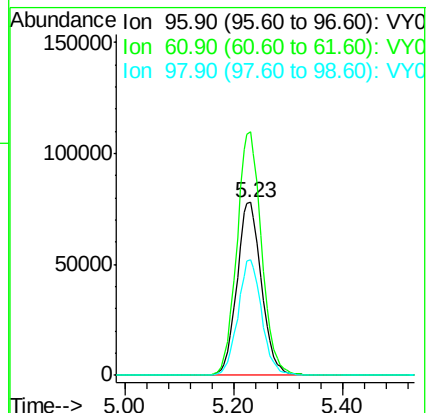
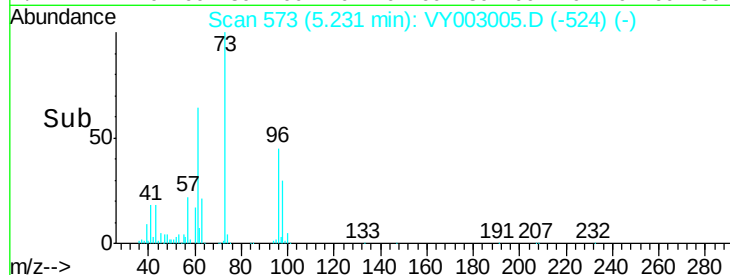
96 100

61 140.9 112.3 168.5

98 66.6 53.8 80.8



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: 49.471 ug/l

RT: 6.13 min Scan# 720

Delta R.T. 0.00 min

Lab File: VY003005.D

Acq: 29 Jun 2020 13:38

Tgt Ion: 45 Resp: 810124

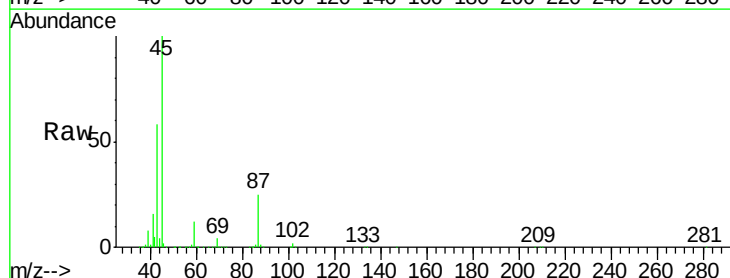
Ion Ratio Lower Upper

45 100

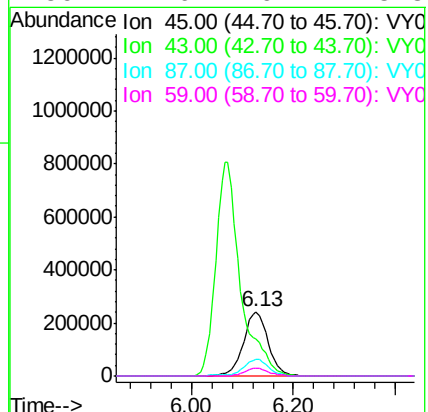
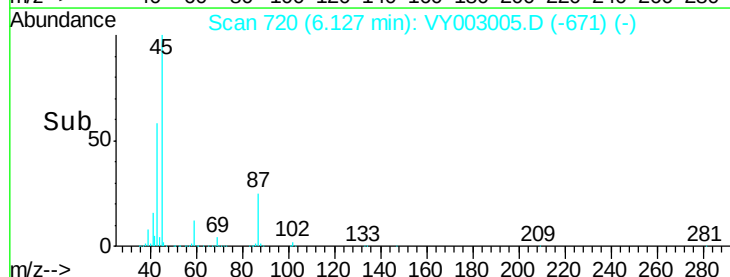
43 57.3 47.4 71.2

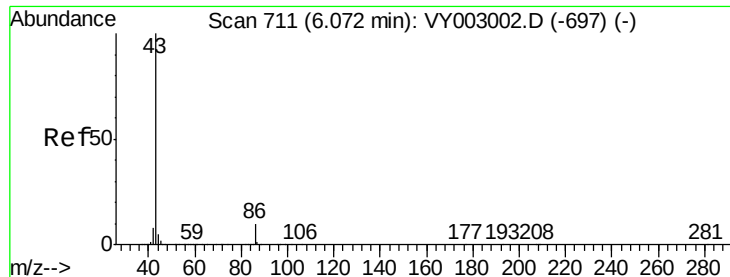
87 24.9 20.2 30.2

59 11.6 9.2 13.8



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: 246.997 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY003005.D

Acq: 29 Jun 2020 13:38

Instrument :

MSVOA_Y

ClientSampleId :

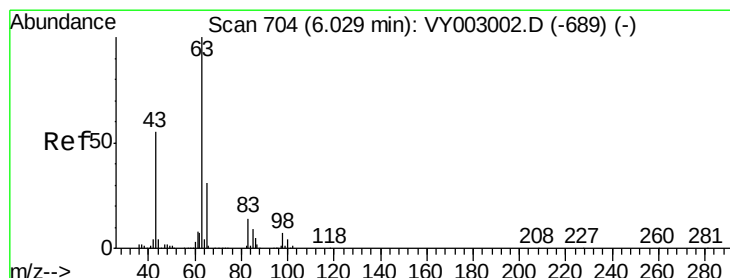
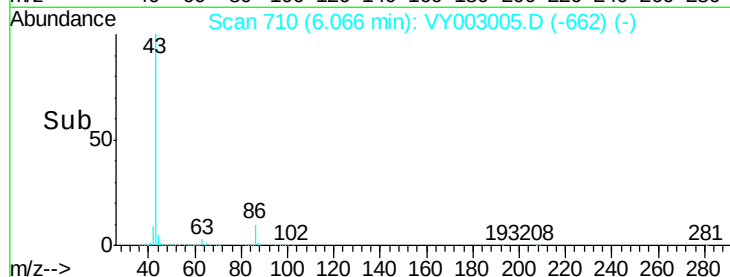
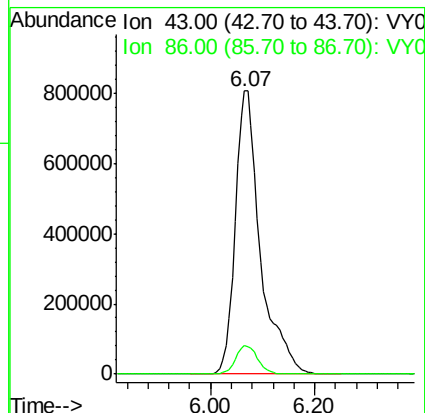
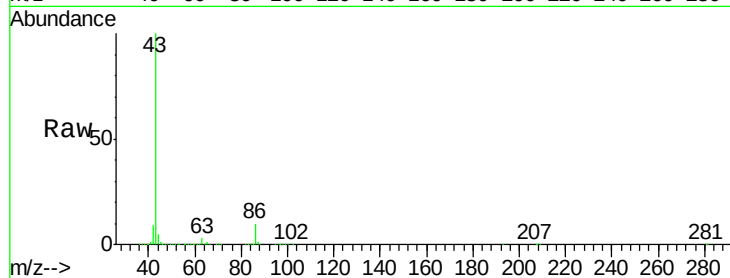
ICVY062920

Tot Ion: 43 Resp: 2704189

Ion Ratio Lower Upper

43 100

86 10.2 8.1 12.1



#24

1,1-Dichloroethane

Concen: 49.494 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY003005.D

Acq: 29 Jun 2020 13:38

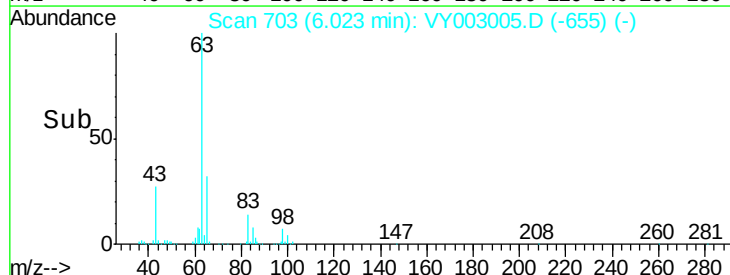
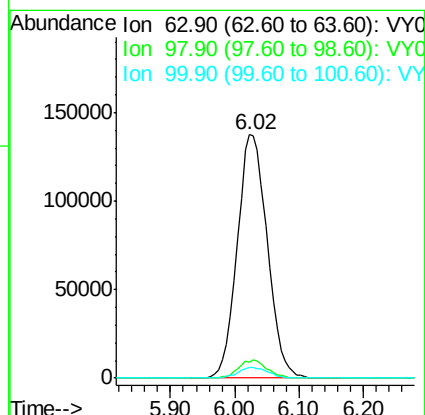
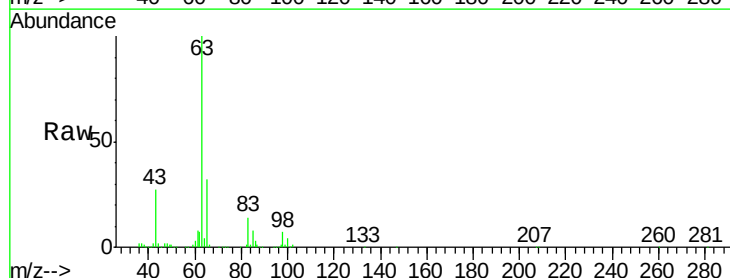
Tgt Ion: 63 Resp: 442740

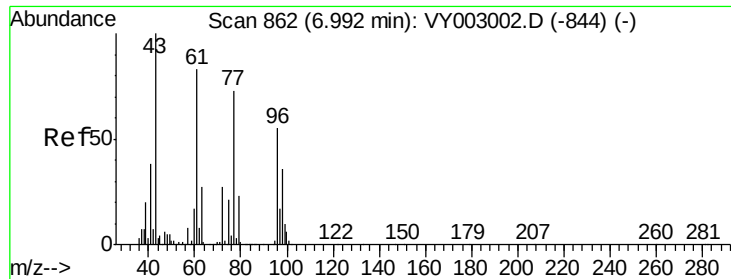
Ion Ratio Lower Upper

63 100

98 6.6 3.4 10.1

100 4.4 2.3 6.8

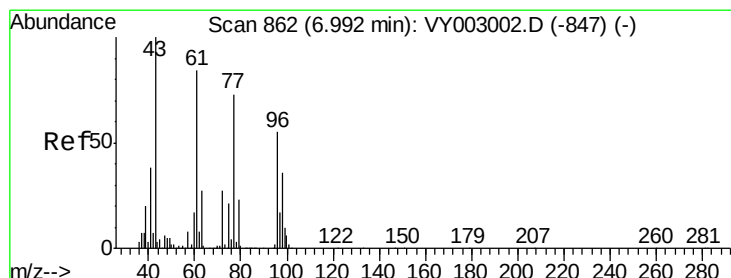
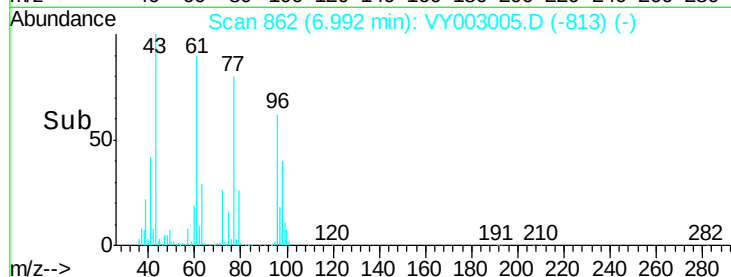
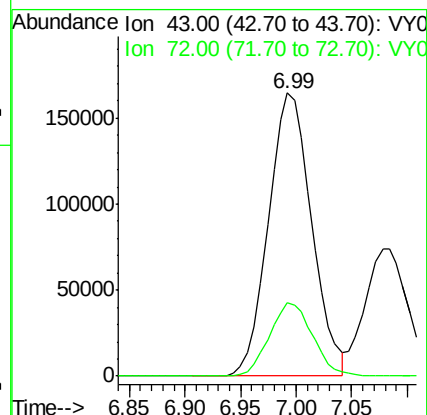
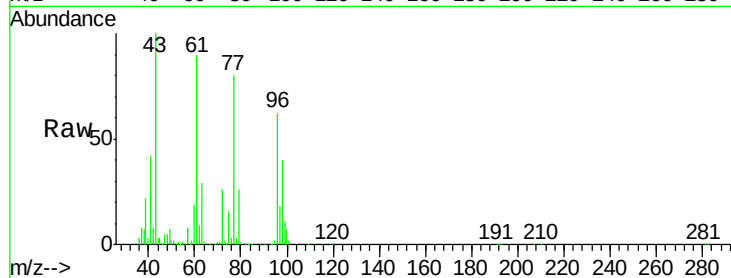




#25
2-Butanone
Concen: 236.471 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY003005.D
Acq: 29 Jun 2020 13:38

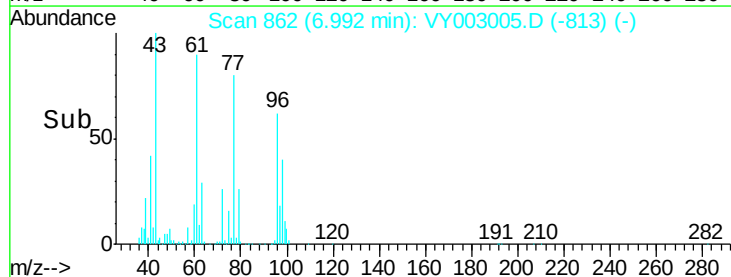
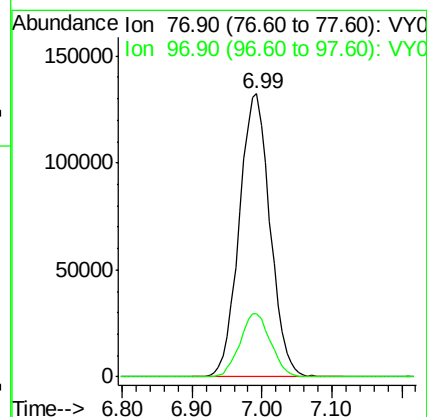
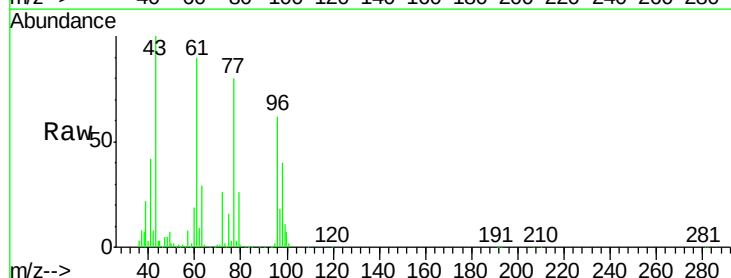
Instrument :
MSVOA_Y
ClientSampleId :
ICVY062920

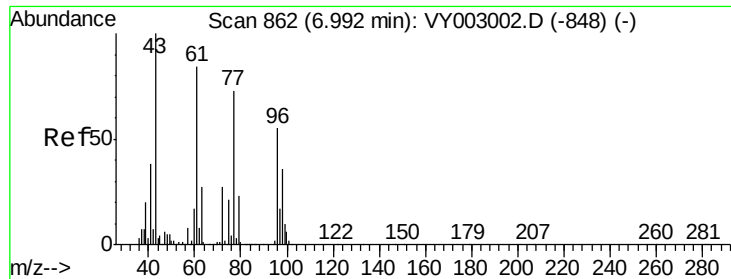
Tot Ion: 43 Resp: 443898
Ion Ratio Lower Upper
43 100
72 26.0 21.4 32.0



#26
2,2-Dichloropropane
Concen: 49.811 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY003005.D
Acq: 29 Jun 2020 13:38

Tgt Ion: 77 Resp: 404834
Ion Ratio Lower Upper
77 100
97 22.4 11.3 33.9



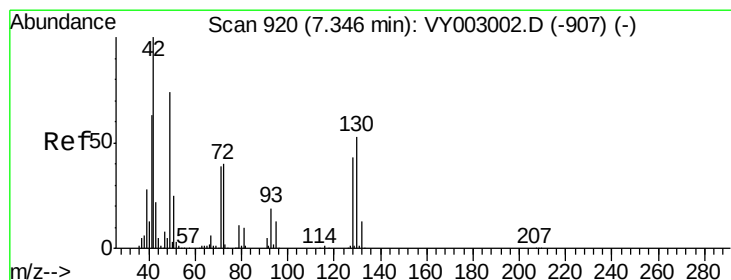
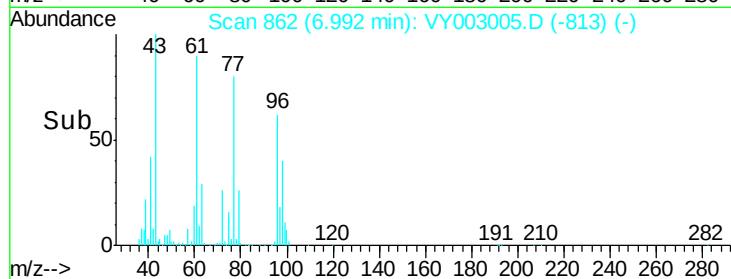
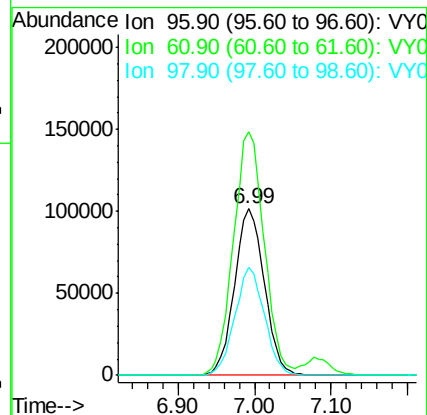
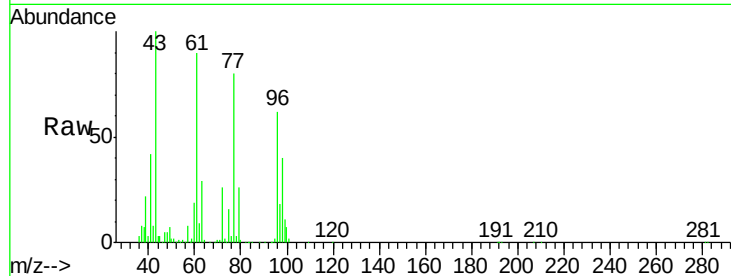


#27

cis-1,2-Dichloroethene
Concen: 49.331 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY003005.D
Acq: 29 Jun 2020 13:38

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY062920

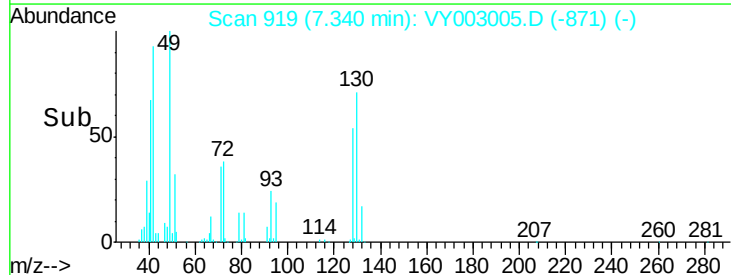
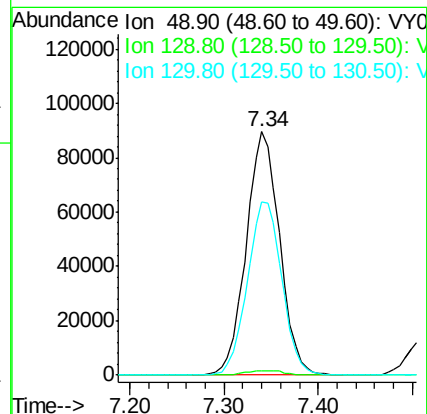
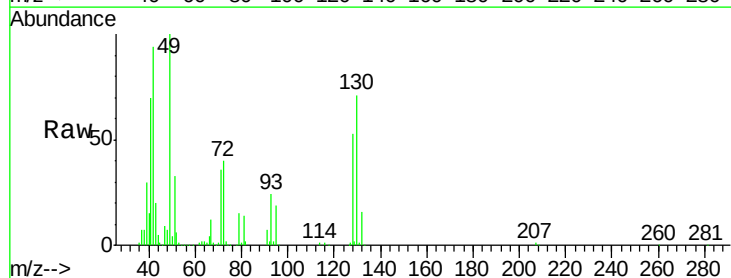
Tot Ion	Ratio	Lower	Upper
96	100		
61	151.3	0.0	301.2
98	64.4	0.0	129.0

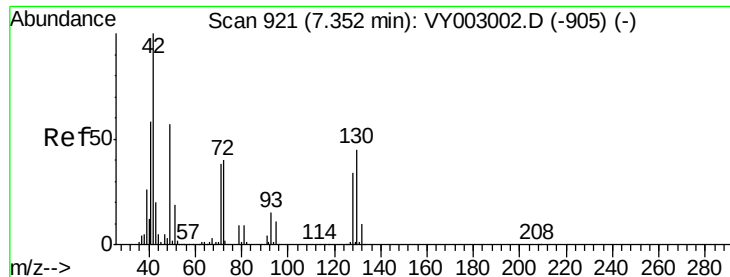


#28

Bromochloromethane
Concen: 55.552 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY003005.D
Acq: 29 Jun 2020 13:38

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.4
130	73.5	57.0	85.6





#29

Tetrahydrofuran

Concen: 232.734 ug/l

RT: 7.35 min Scan# 921

Delta R.T. 0.00 min

Lab File: VY003005.D

Acq: 29 Jun 2020 13:38

Instrument :

MSVOA_Y

ClientSampleId :

ICVY062920

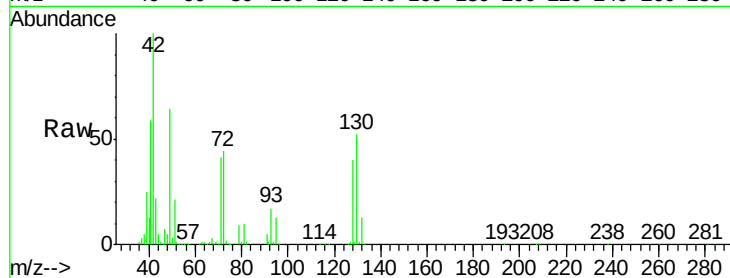
Tot Ion: 42 Resp: 290529

Ion Ratio Lower Upper

42 100

72 42.1 32.9 49.3

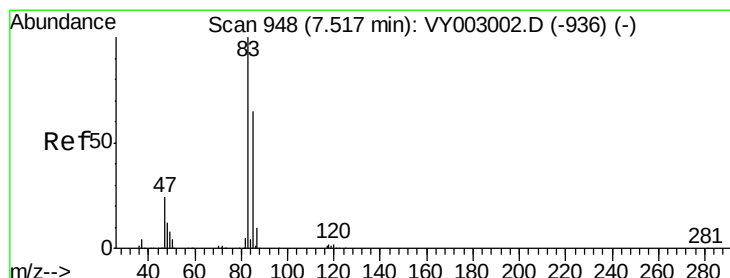
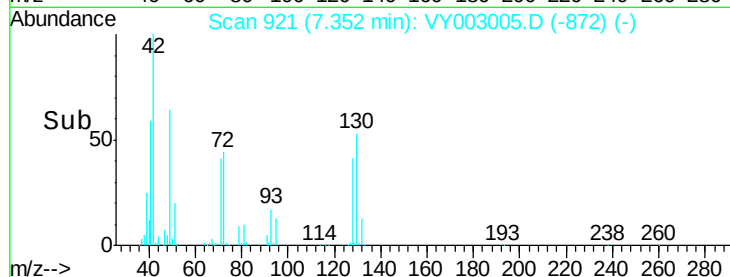
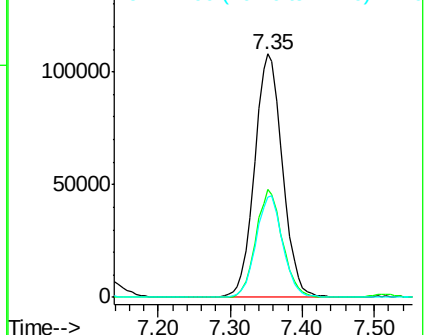
71 40.0 31.2 46.8



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: 49.464 ug/l

RT: 7.52 min Scan# 948

Delta R.T. 0.00 min

Lab File: VY003005.D

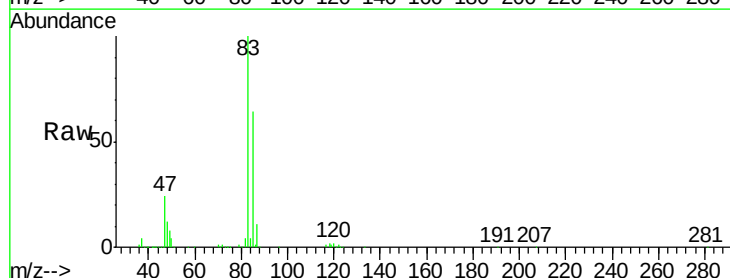
Acq: 29 Jun 2020 13:38

Tgt Ion: 83 Resp: 438347

Ion Ratio Lower Upper

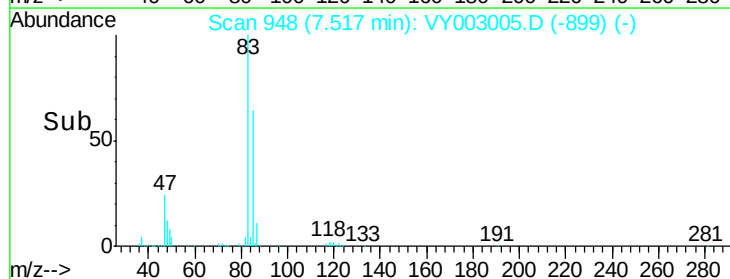
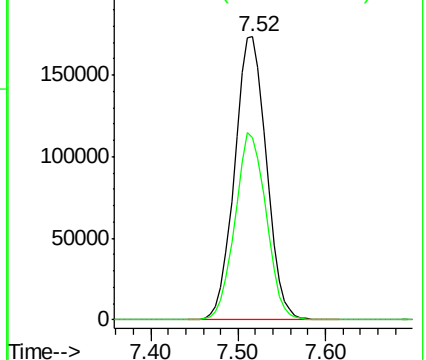
83 100

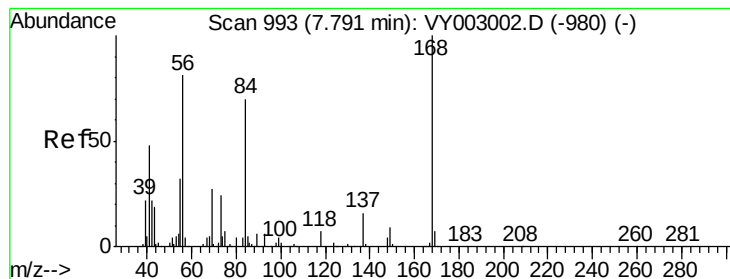
85 64.3 51.7 77.5



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 47.309 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY003005.D

Acq: 29 Jun 2020 13:38

Instrument :

MSVOA_Y

ClientSampleId :

ICVY062920

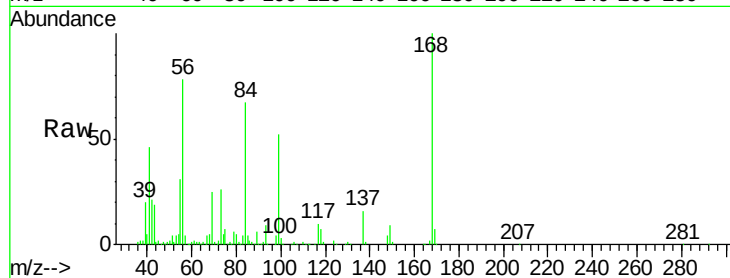
Tot Ion: 56 Resp: 416903

Ion Ratio Lower Upper

56 100

69 32.4 27.0 40.4

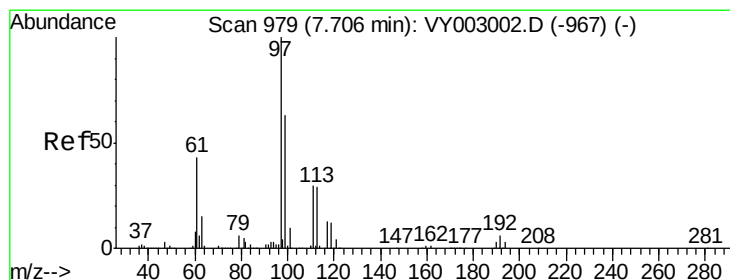
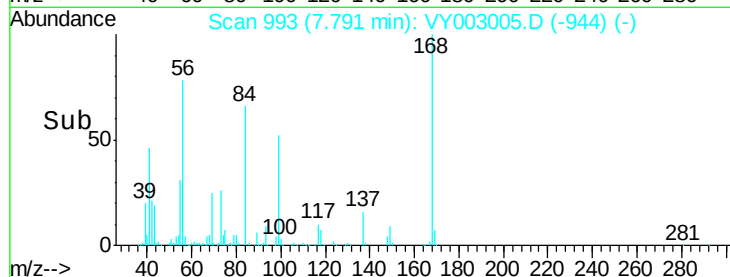
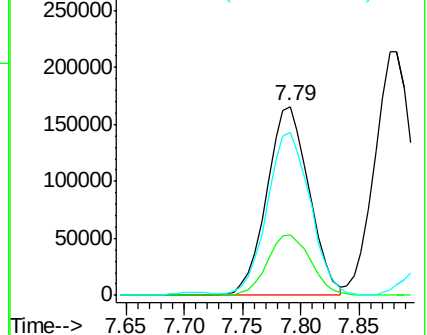
84 84.6 68.1 102.1



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: 49.645 ug/l

RT: 7.71 min Scan# 979

Delta R.T. 0.00 min

Lab File: VY003005.D

Acq: 29 Jun 2020 13:38

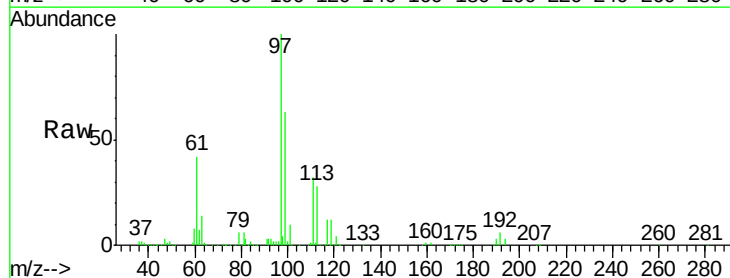
Tgt Ion: 97 Resp: 401591

Ion Ratio Lower Upper

97 100

99 64.4 51.4 77.2

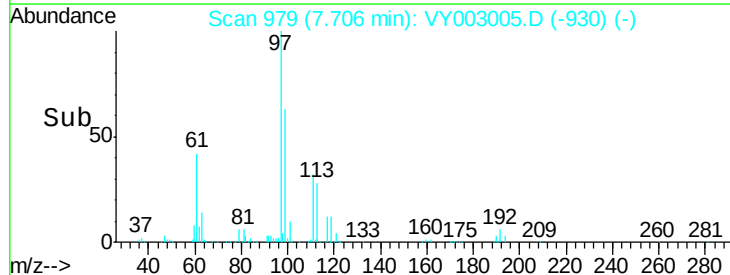
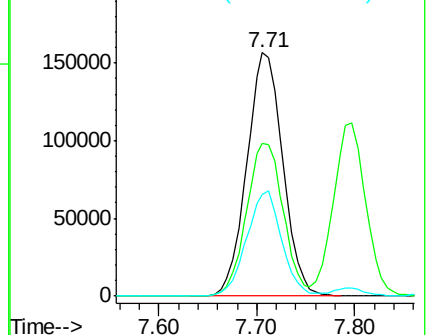
61 42.1 33.9 50.9

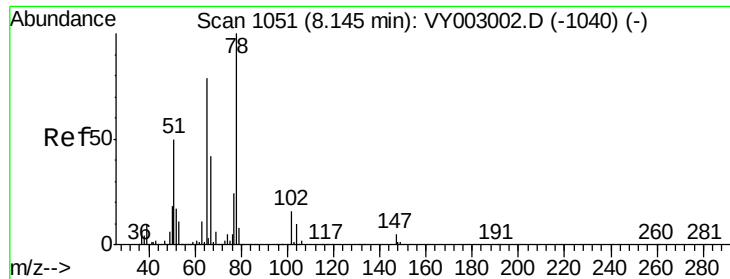


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

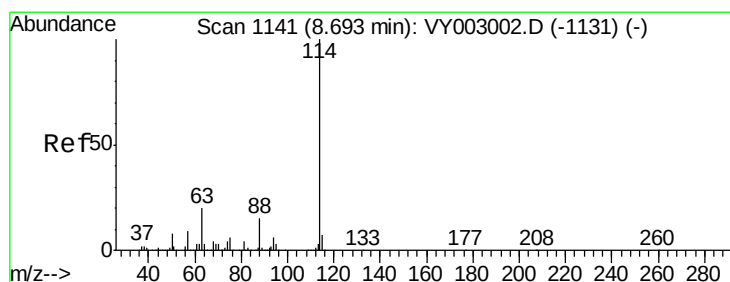
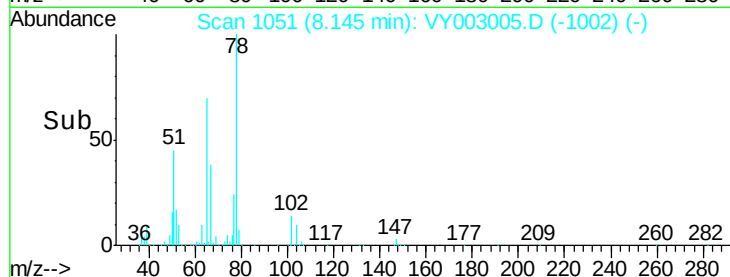
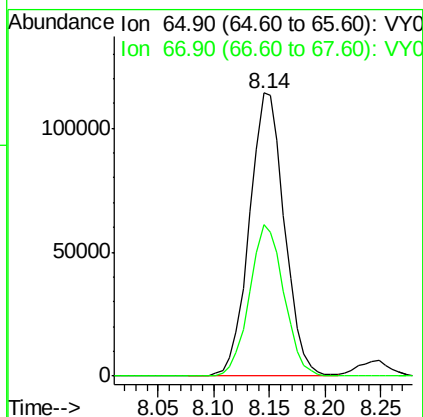
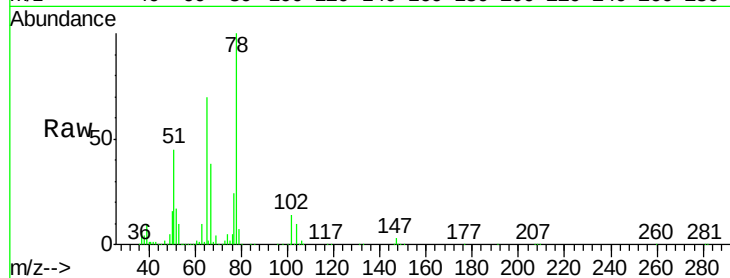




#33
 1,2-Dichloroethane-d4
 Concen: 50.029 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VY003005.D
 Acq: 29 Jun 2020 13:38

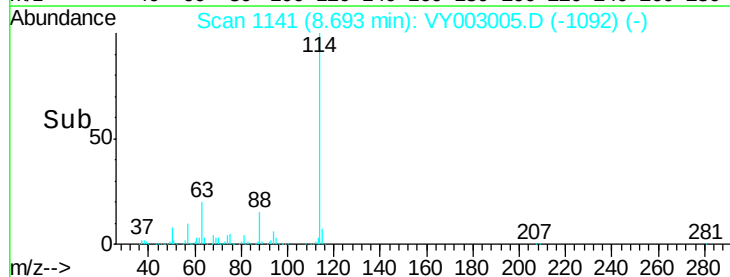
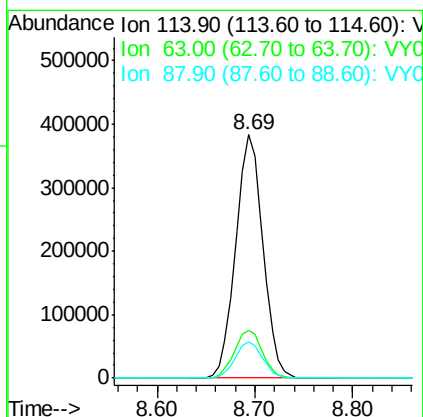
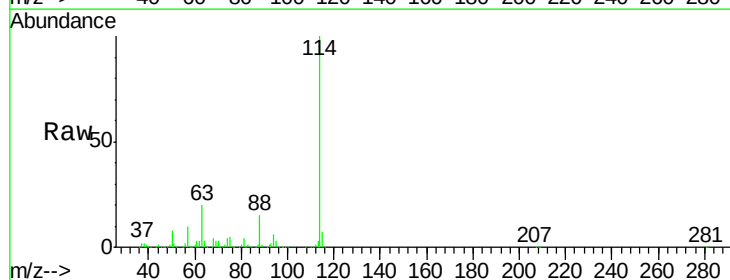
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY062920

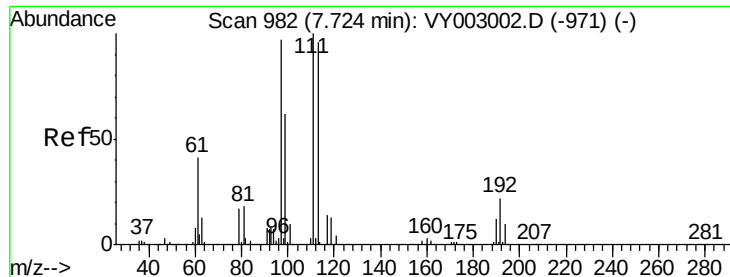
Tot Ion: 65 Resp: 250675
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003005.D
 Acq: 29 Jun 2020 13:38

Tgt Ion: 114 Resp: 741640
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 40.6
 88 14.9 0.0 30.0





#35

Dibromofluoromethane

Concen: 50.460 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.00 min

Lab File: VY003005.D

Acq: 29 Jun 2020 13:38

Instrument :

MSVOA_Y

ClientSampleId :

ICVY062920

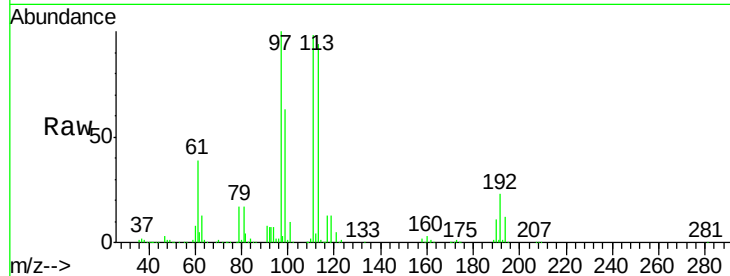
Tot Ion:113 Resp: 233450

Ion Ratio Lower Upper

113 100

111 103.1 82.6 123.8

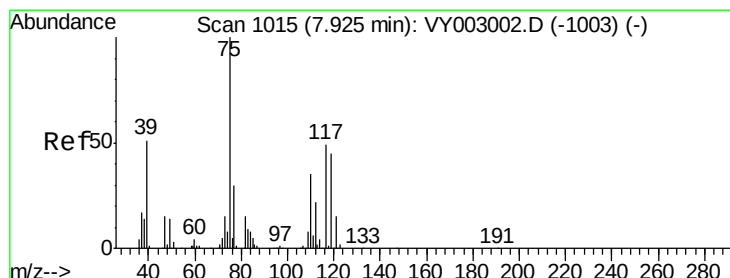
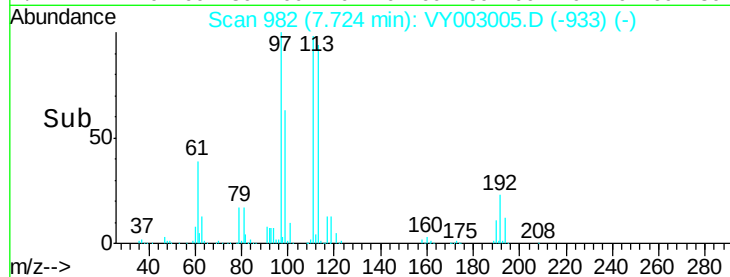
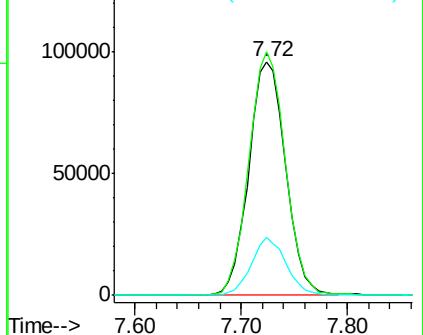
192 23.3 18.1 27.1



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: 49.662 ug/l

RT: 7.93 min Scan# 1015

Delta R.T. 0.00 min

Lab File: VY003005.D

Acq: 29 Jun 2020 13:38

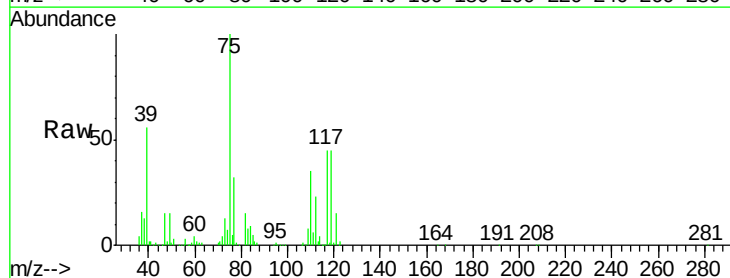
Tgt Ion: 75 Resp: 354777

Ion Ratio Lower Upper

75 100

110 34.6 17.1 51.2

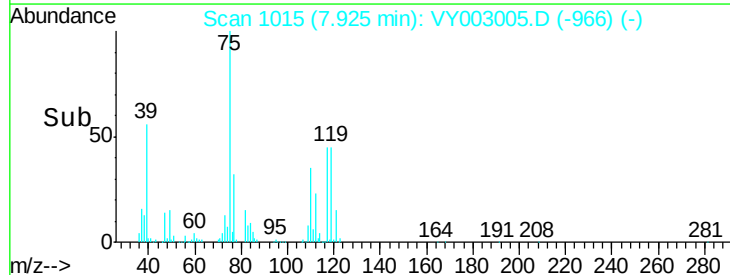
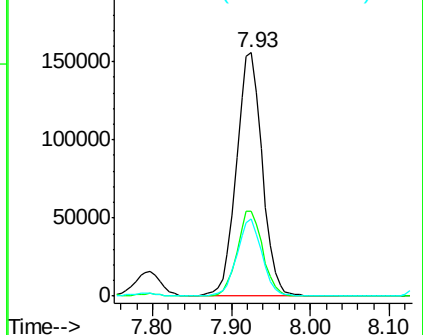
77 30.8 24.9 37.3

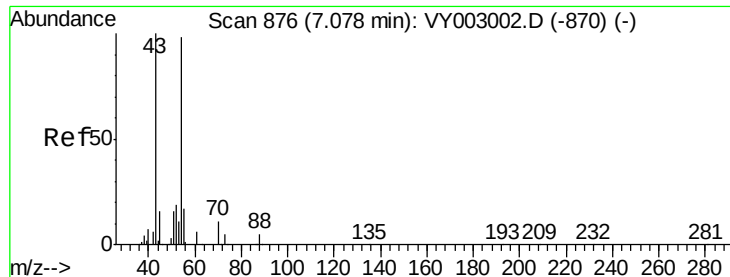


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

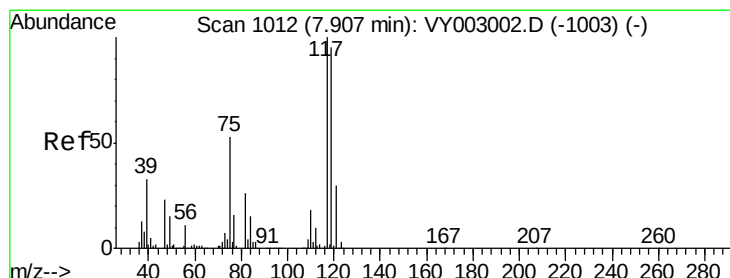
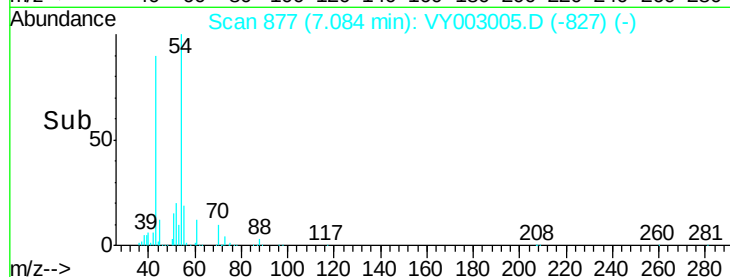
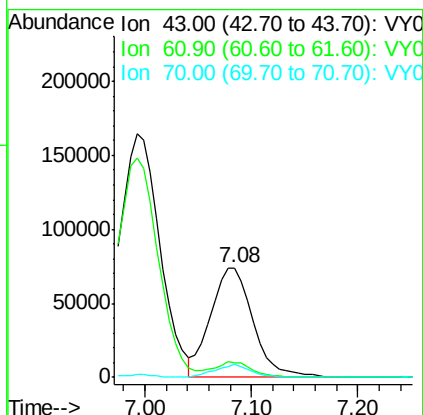
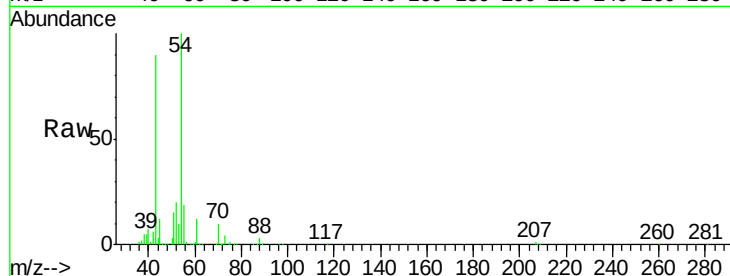




#37
Ethyl Acetate
Concen: 47.010 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.01 min
Lab File: VY003005.D
Acq: 29 Jun 2020 13:38

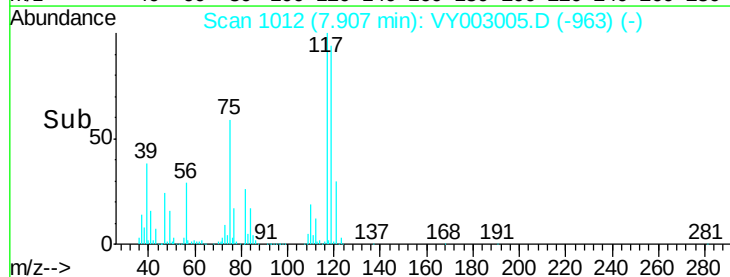
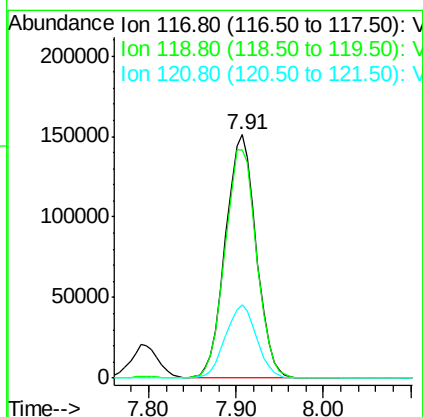
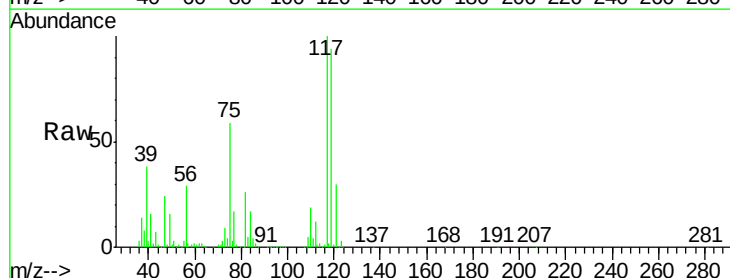
Instrument :
MSVOA_Y
ClientSampleId :
ICVY062920

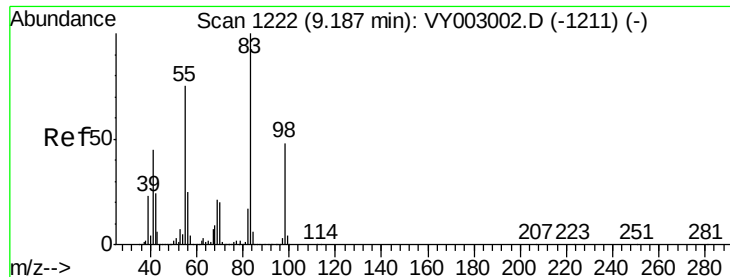
Tot Ion: 43 Resp: 201920
Ion Ratio Lower Upper
43 100
61 12.5 10.4 15.6
70 10.3 7.7 11.5



#38
Carbon Tetrachloride
Concen: 49.774 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY003005.D
Acq: 29 Jun 2020 13:38

Tgt Ion: 117 Resp: 369949
Ion Ratio Lower Upper
117 100
119 94.0 75.7 113.5
121 30.3 23.9 35.9

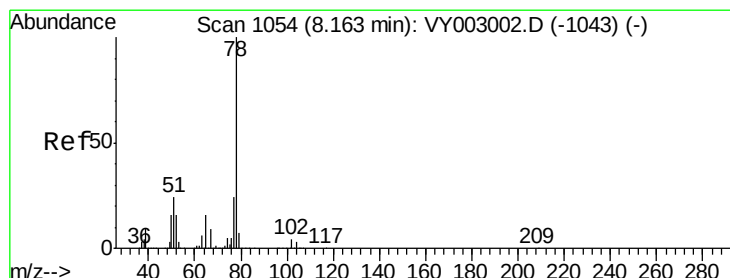
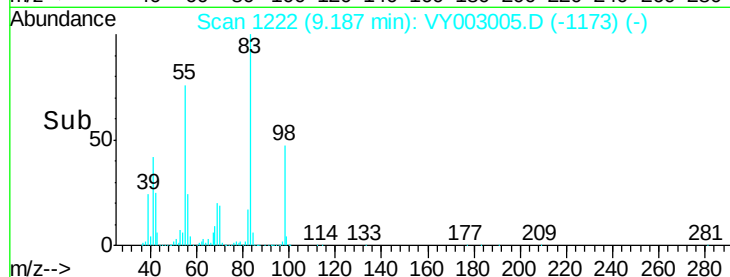
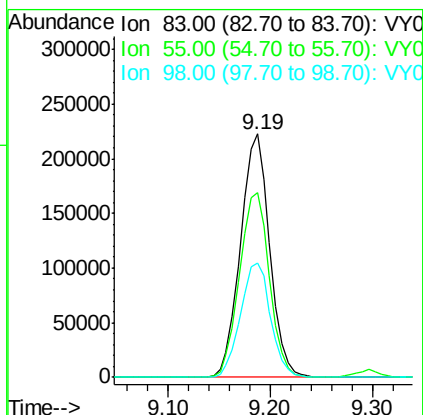
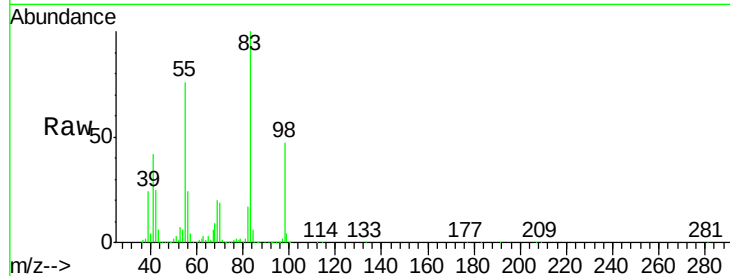




#39
Methylvlcyclohexane
Concen: 50.006 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY003005.D
Acq: 29 Jun 2020 13:38

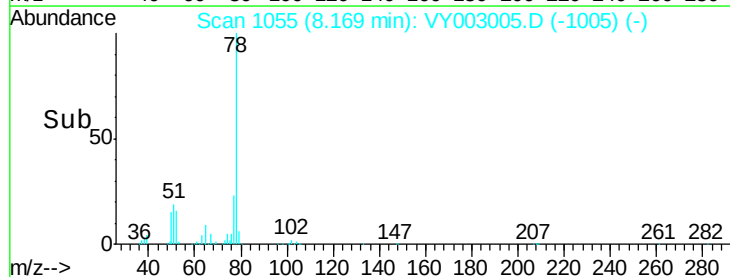
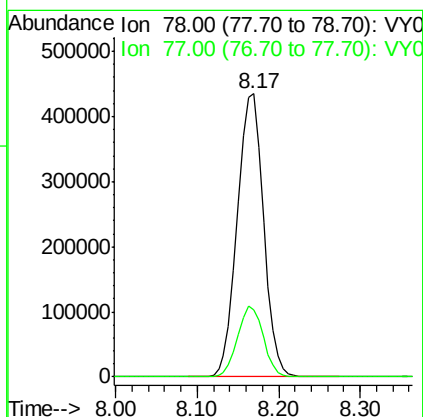
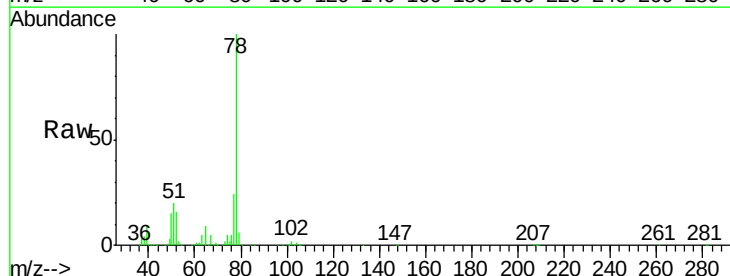
Instrument :
MSVOA_Y
ClientSampleId :
ICVY062920

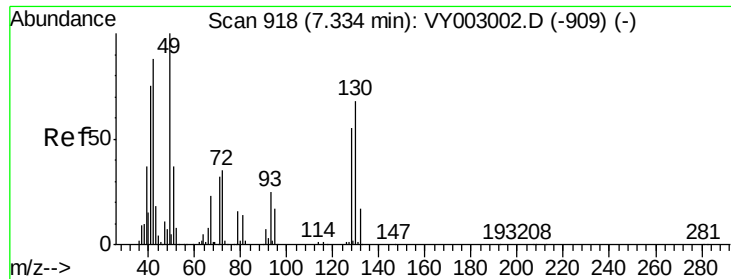
Tot Ion	83	Resp	442917
Ion Ratio	Lower	Upper	
83	100		
55	75.8	59.9	89.9
98	46.8	38.7	58.1



#40
Benzene
Concen: 49.565 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.01 min
Lab File: VY003005.D
Acq: 29 Jun 2020 13:38

Tgt Ion	78	Resp	969389
Ion Ratio	Lower	Upper	
78	100		
77	23.5	19.2	28.8

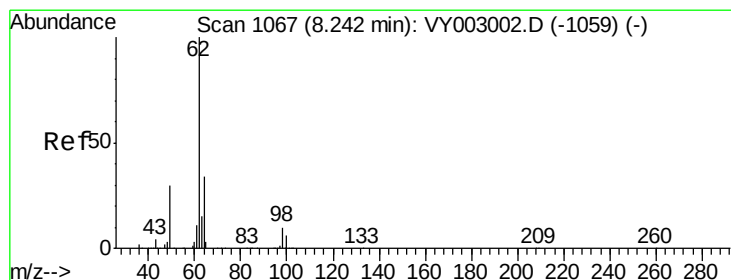
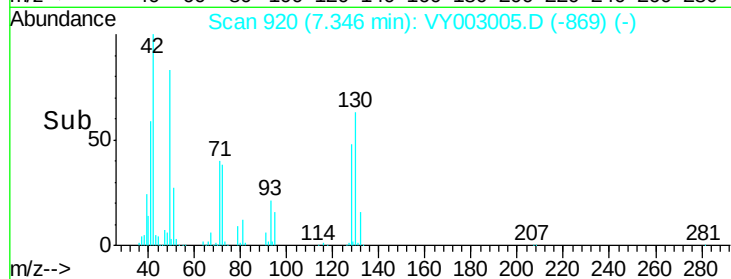
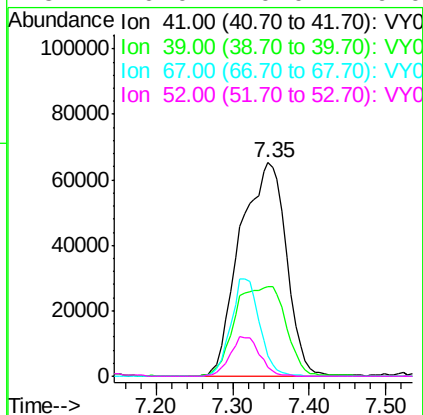
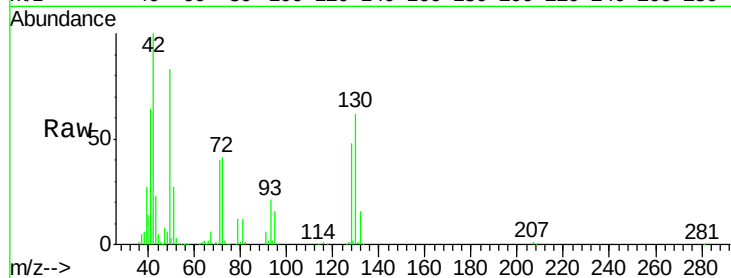




#41
Methacrylonitrile
Concen: 119.853 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.01 min
Lab File: VY003005.D
Acq: 29 Jun 2020 13:38

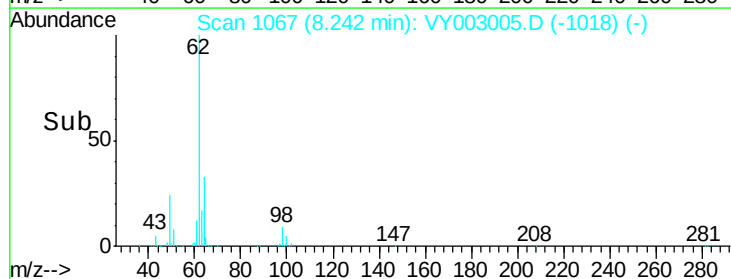
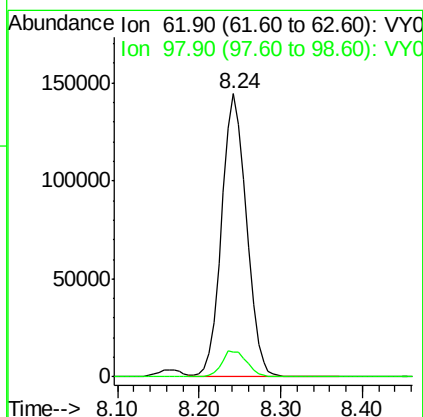
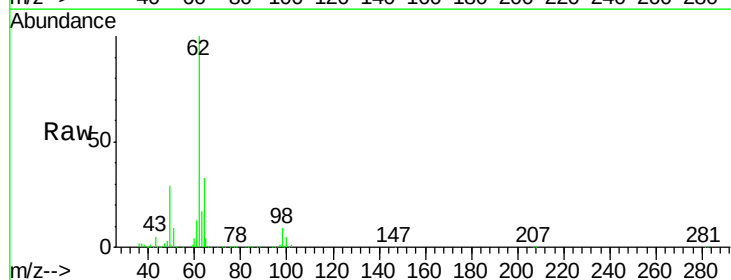
Instrument :
MSVOA_Y
ClientSampleId :
ICVY062920

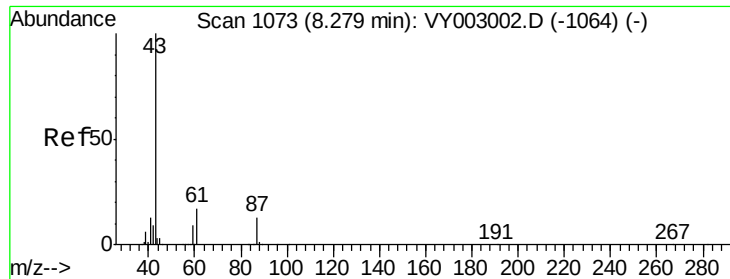
Tot Ion: 41 Resp: 274994
Ion Ratio Lower Upper
41 100
39 45.7 85.7 128.5#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 49.294 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY003005.D
Acq: 29 Jun 2020 13:38

Tgt Ion: 62 Resp: 304988
Ion Ratio Lower Upper
62 100
98 9.5 0.0 19.2





#43

Isopropyl Acetate

Concen: 48.135 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VY003005.D

Acq: 29 Jun 2020 13:38

Instrument :

MSVOA_Y

ClientSampleId :

ICVY062920

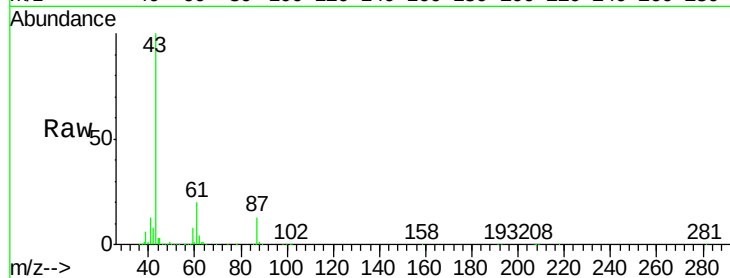
Tot Ion: 43 Resp: 393048

Ion Ratio Lower Upper

43 100

61 28.0 21.8 32.6

87 12.7 10.1 15.1

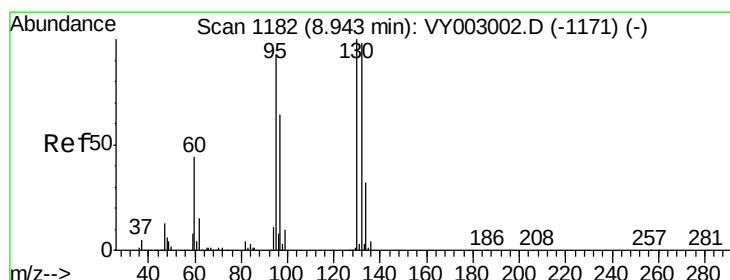
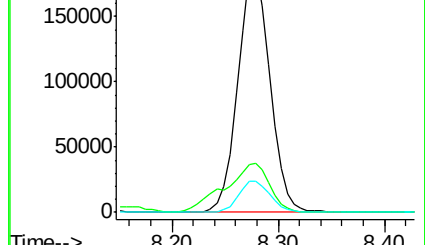
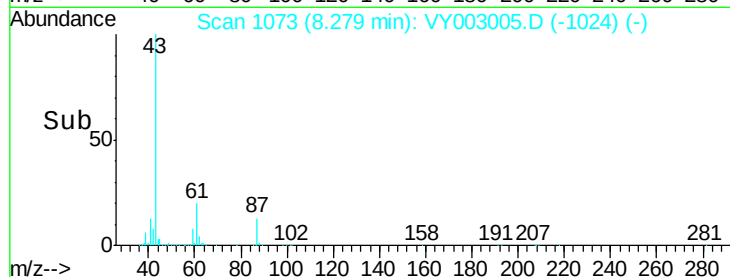


Abundance Ion 43.00 (42.70 to 43.70): VY003002.D (-1064) (-)

Ion 61.00 (60.70 to 61.70): VY003002.D (-1064) (-)

Ion 87.00 (86.70 to 87.70): VY003002.D (-1064) (-)

Time-->



#44

Trichloroethene

Concen: 50.162 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VY003005.D

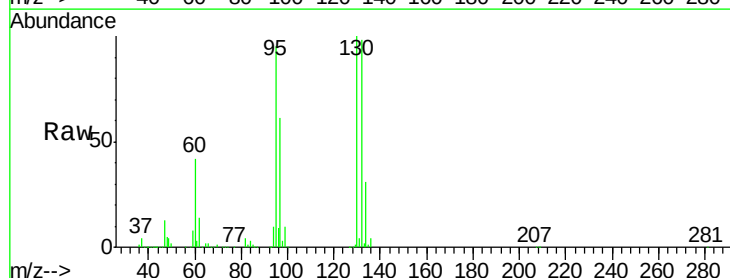
Acq: 29 Jun 2020 13:38

Tgt Ion: 130 Resp: 285147

Ion Ratio Lower Upper

130 100

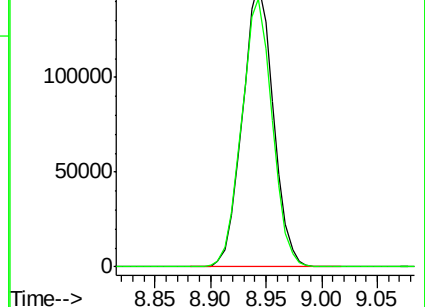
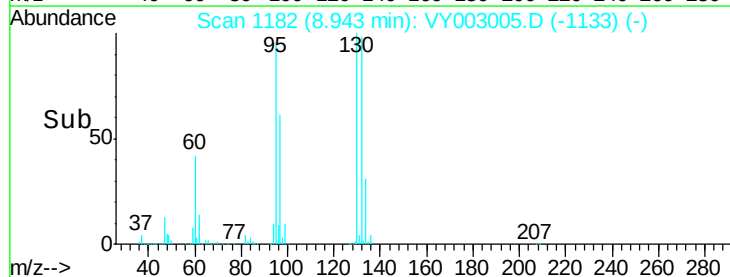
95 94.6 0.0 186.4

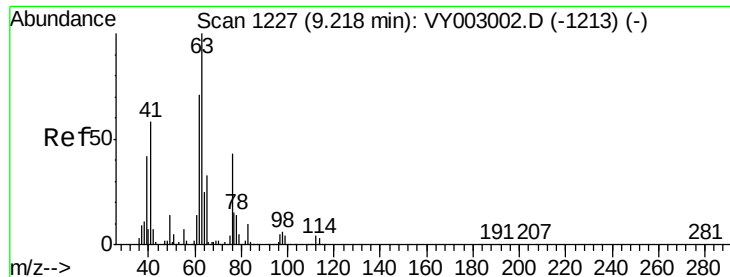


Abundance Ion 129.80 (129.50 to 130.50): VY003002.D (-1171) (-)

Ion 94.90 (94.60 to 95.60): VY003002.D (-1171) (-)

Time-->

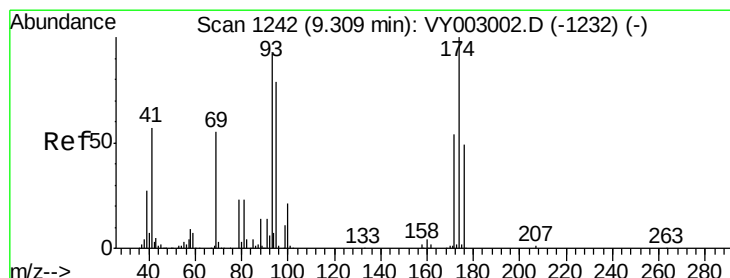
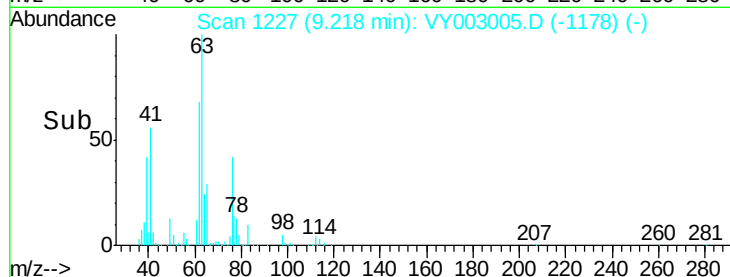
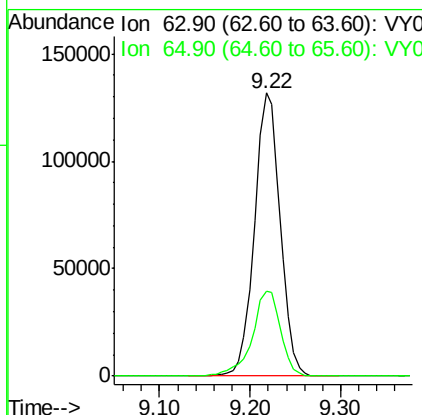
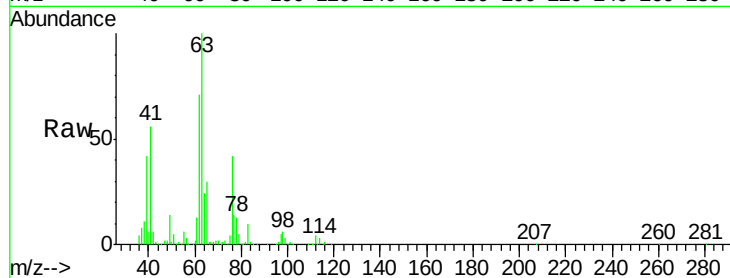




#45
 1,2-Dichloropropane
 Concen: 49.109 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY003005.D
 Acq: 29 Jun 2020 13:38

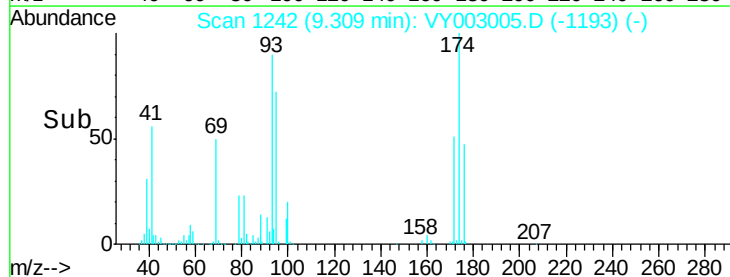
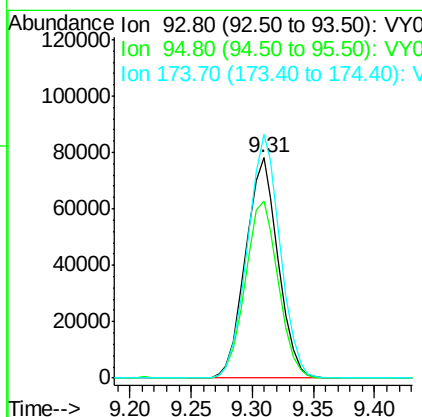
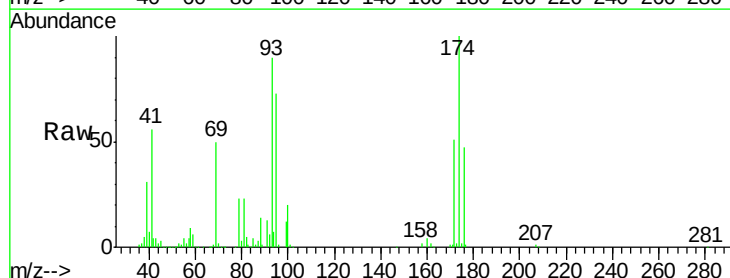
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY062920

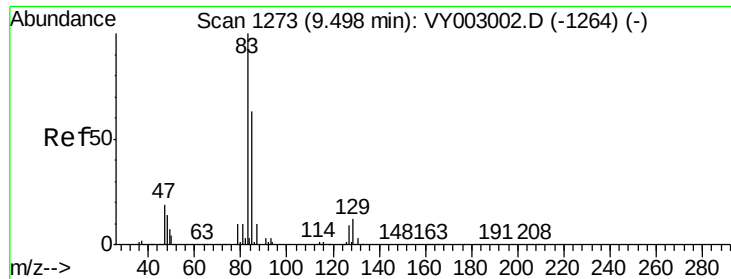
Tot Ion: 63 Resp: 258396
 Ion Ratio Lower Upper
 63 100
 65 29.9 26.2 39.4



#46
 Dibromomethane
 Concen: 49.147 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY003005.D
 Acq: 29 Jun 2020 13:38

Tgt Ion: 93 Resp: 144432
 Ion Ratio Lower Upper
 93 100
 95 81.5 67.6 101.4
 174 110.9 88.3 132.5

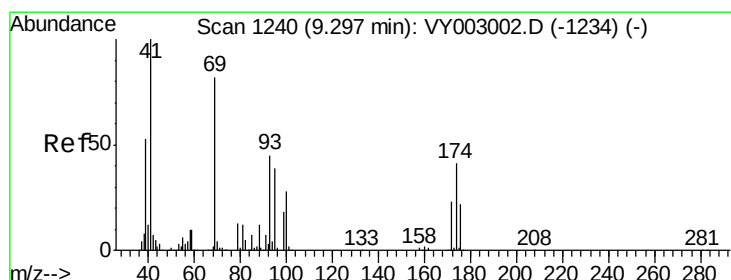
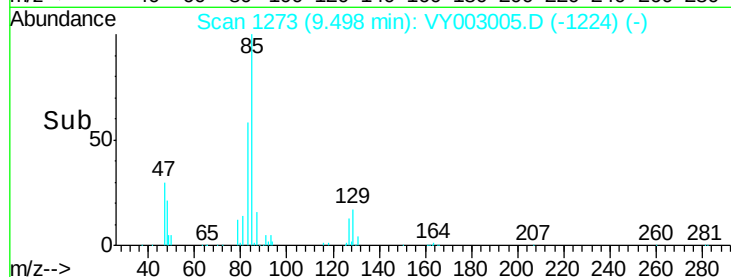
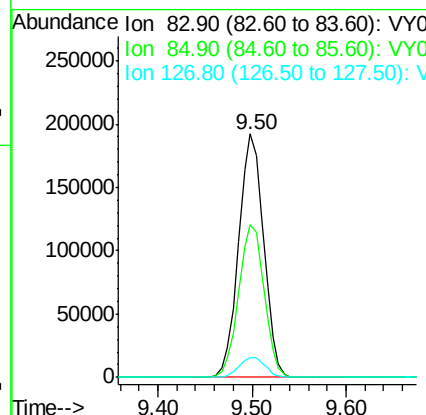
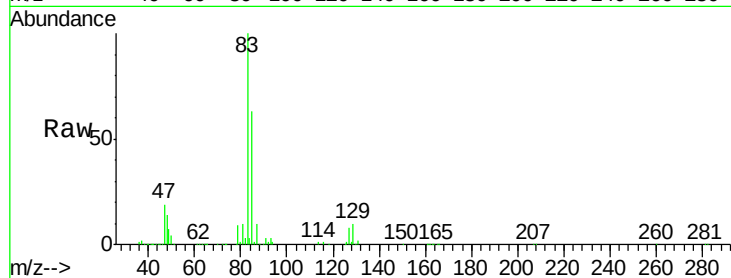




#47
 Bromodichloromethane
 Concen: 49.341 ug/l
 RT: 9.50 min Scan# 1273
 Delta R.T. 0.00 min
 Lab File: VY003005.D
 Acq: 29 Jun 2020 13:38

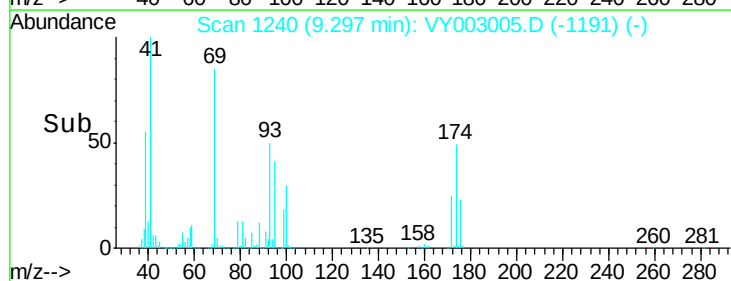
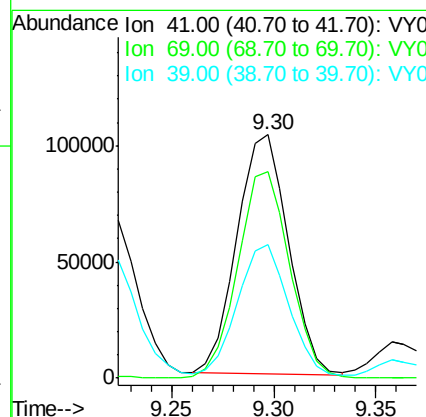
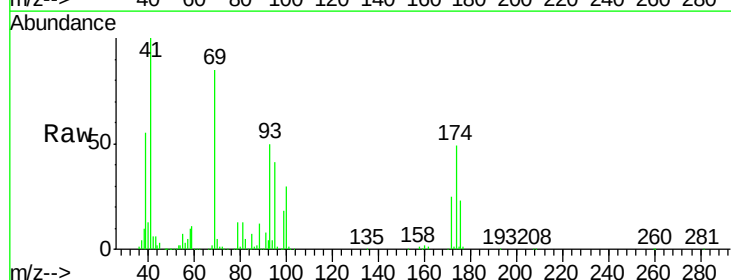
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY062920

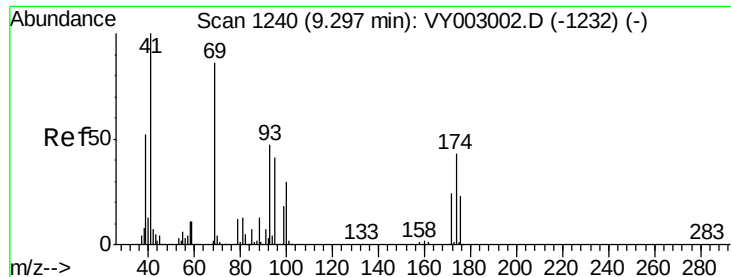
Tot Ion	83	Resp	355055
Ion Ratio	Lower	Upper	
83	100		
85	62.7	50.5	75.7
127	8.0	7.0	10.4



#48
 Methyl methacrylate
 Concen: 48.454 ug/l
 RT: 9.30 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VY003005.D
 Acq: 29 Jun 2020 13:38

Tgt Ion	41	Resp	180090
Ion Ratio	Lower	Upper	
41	100		
69	86.8	67.7	101.5
39	53.9	45.0	67.4

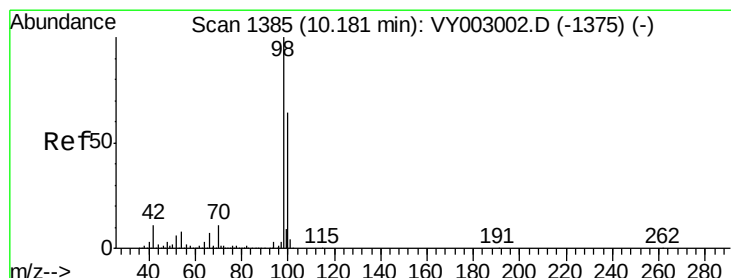
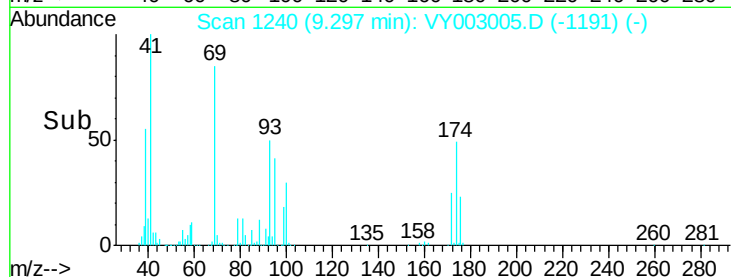
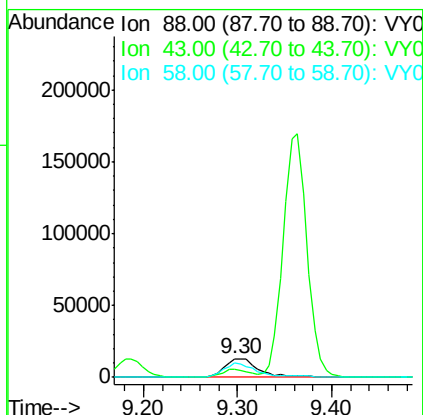
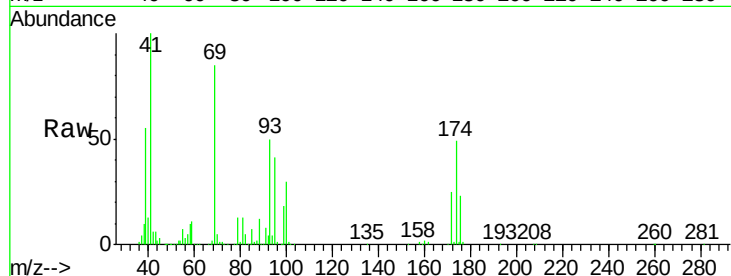




#49
1,4-Dioxane
Concen: 944.316 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VY003005.D
Acq: 29 Jun 2020 13:38

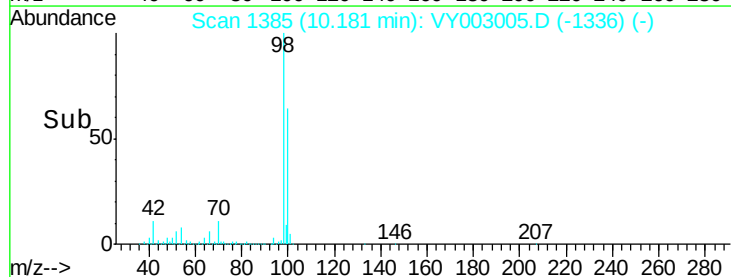
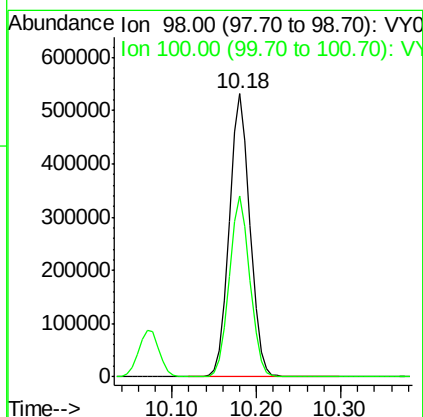
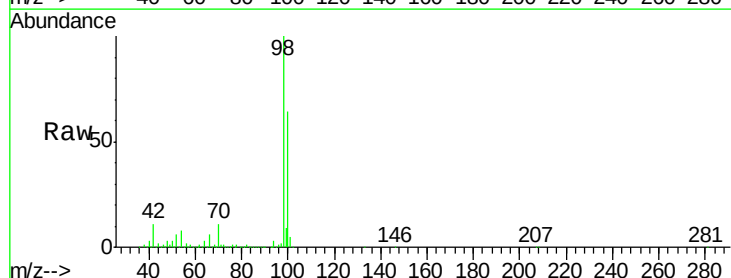
Instrument :
MSVOA_Y
ClientSampleId :
ICVY062920

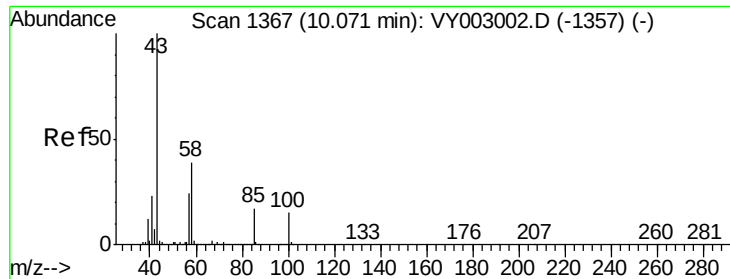
Tot Ion: 88 Resp: 33876
Ion Ratio Lower Upper
88 100
43 33.1 28.6 42.8
58 76.5 56.7 85.1



#50
Toluene-d8
Concen: 51.383 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY003005.D
Acq: 29 Jun 2020 13:38

Tgt Ion: 98 Resp: 885628
Ion Ratio Lower Upper
98 100
100 63.8 51.1 76.7

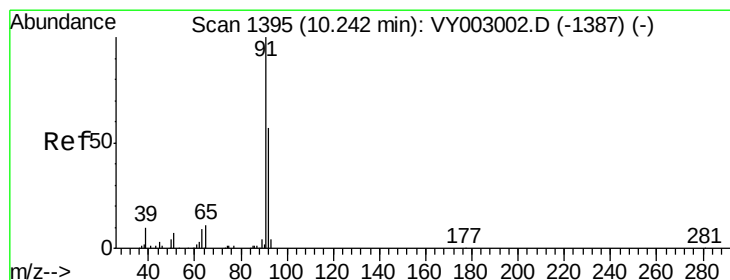
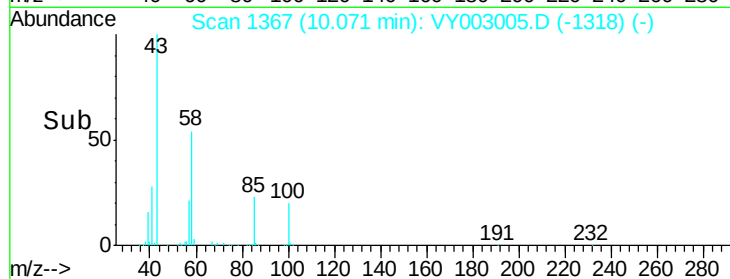
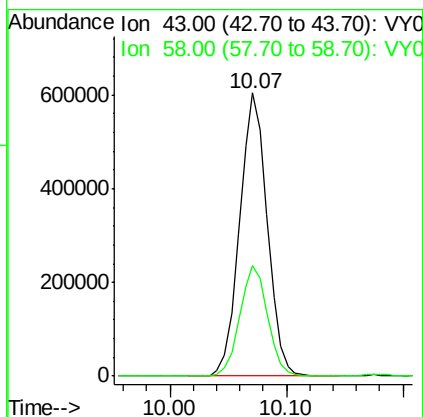
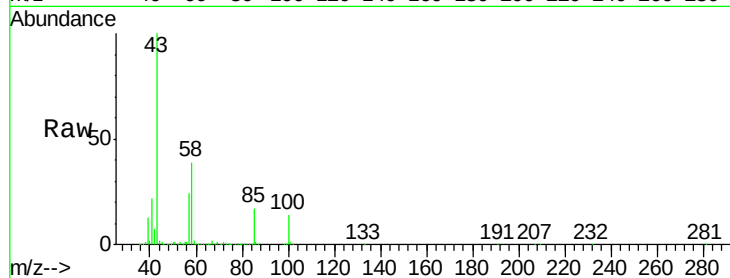




#51
4-Methyl-2-Pentanone
Concen: 236.438 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VY003005.D
Acq: 29 Jun 2020 13:38

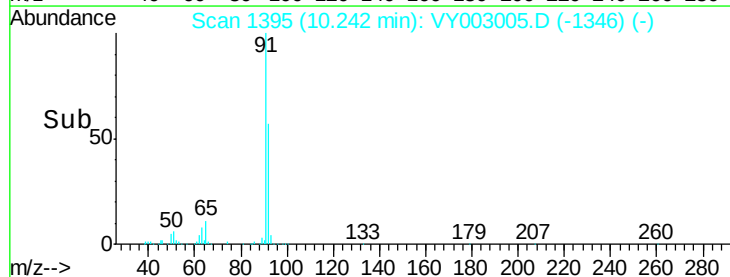
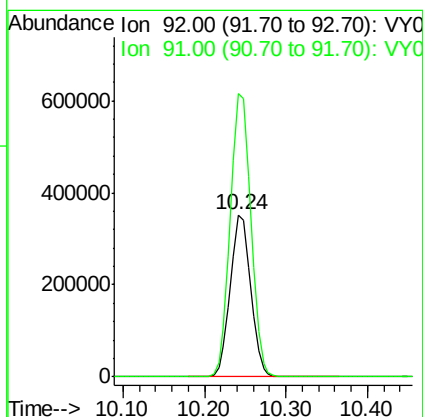
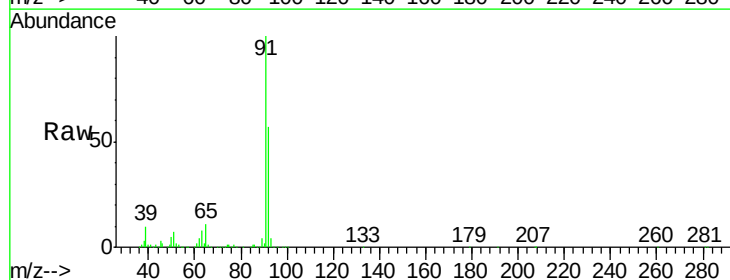
Instrument :
MSVOA_Y
ClientSampleId :
ICVY062920

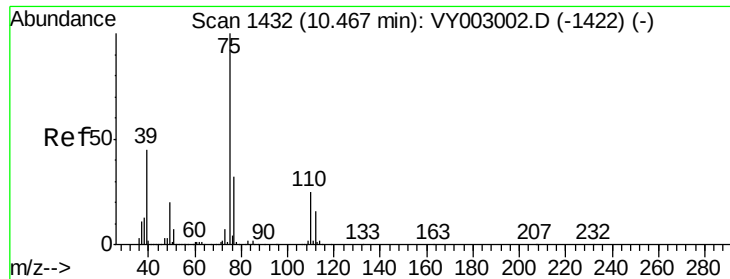
Tot Ion: 43 Resp: 997855
Ion Ratio Lower Upper
43 100
58 39.3 31.1 46.7



#52
Toluene
Concen: 49.033 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. 0.00 min
Lab File: VY003005.D
Acq: 29 Jun 2020 13:38

Tgt Ion: 92 Resp: 603672
Ion Ratio Lower Upper
92 100
91 177.1 139.6 209.4





#53

t-1,3-Dichloropropene

Concen: 50.227 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY003005.D

Acq: 29 Jun 2020 13:38

Instrument :

MSVOA_Y

ClientSampled :

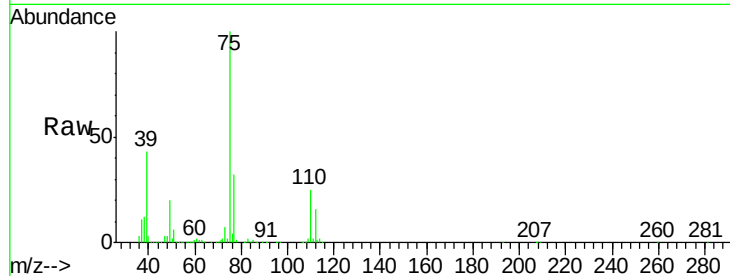
ICVY062920

Tot Ion: 75 Resp: 378933

Ion Ratio Lower Upper

75 100

77 32.3 25.9 38.9



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

10.47

250000

200000

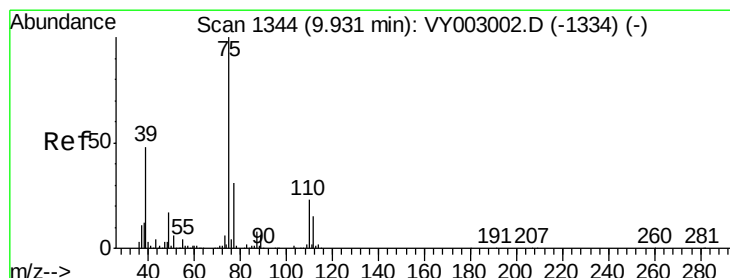
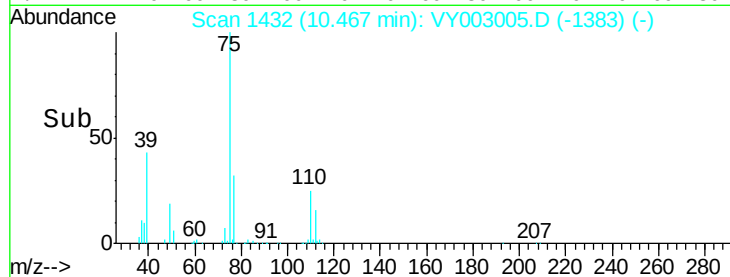
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 49.232 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY003005.D

Acq: 29 Jun 2020 13:38

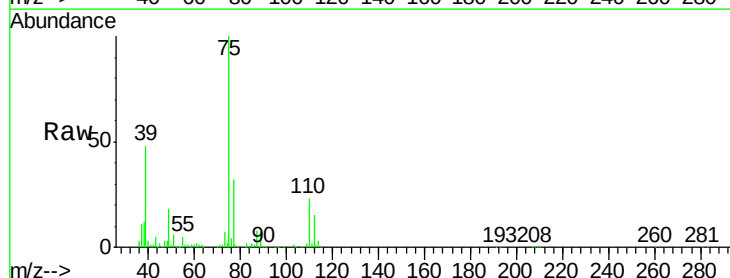
Tgt Ion: 75 Resp: 424785

Ion Ratio Lower Upper

75 100

77 32.0 24.6 37.0

39 48.1 38.3 57.5



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

9.93

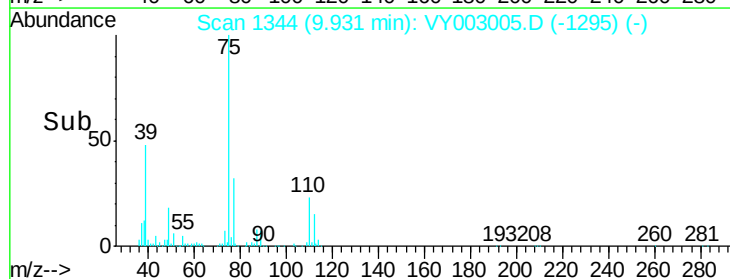
300000

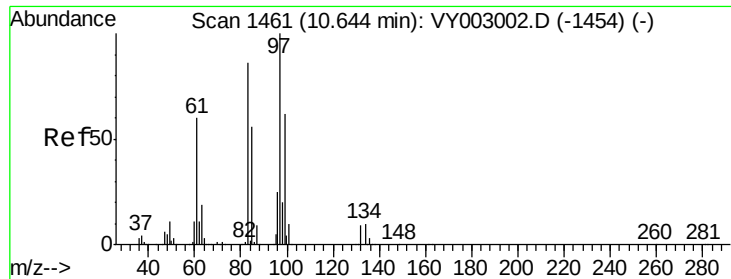
200000

100000

0

Time-->

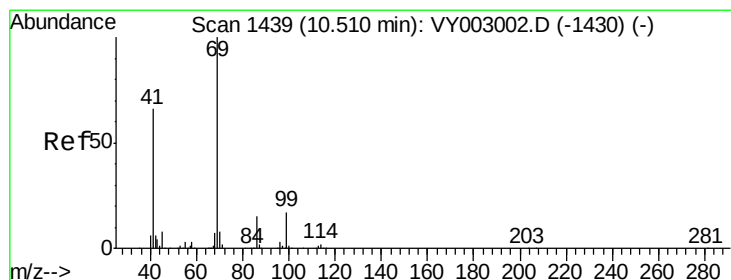
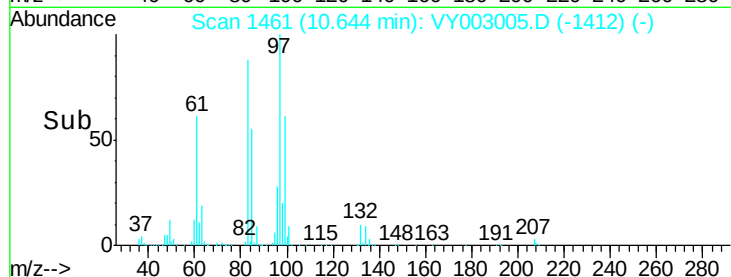
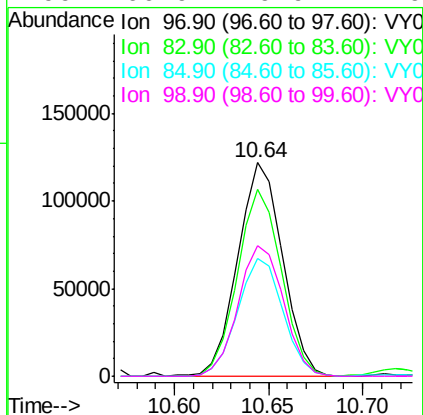
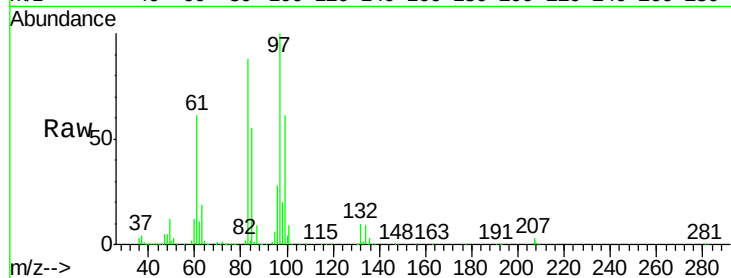




#55
 1,1,2-Trichloroethane
 Concen: 49.112 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY003005.D
 Acq: 29 Jun 2020 13:38

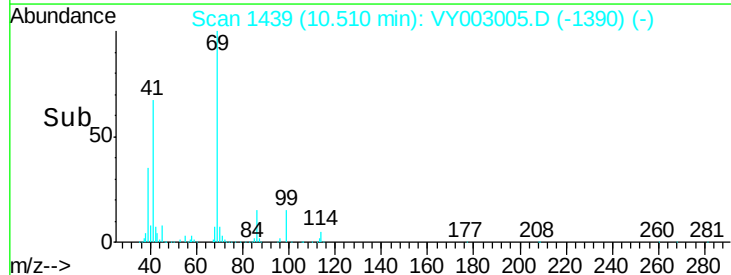
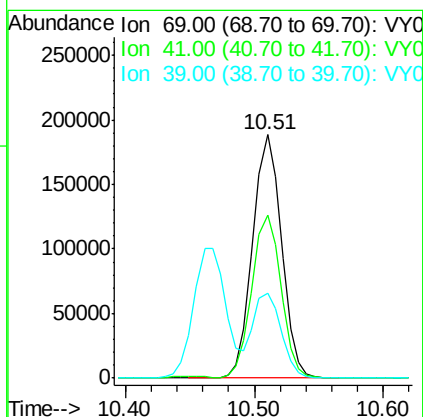
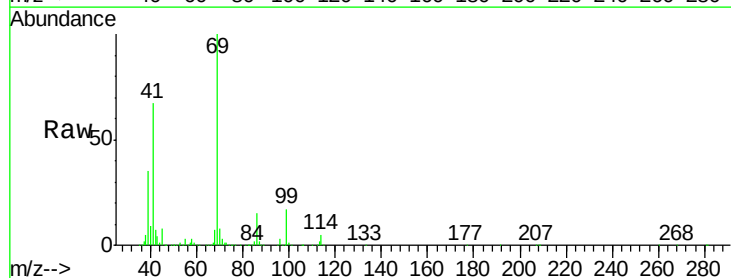
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY062920

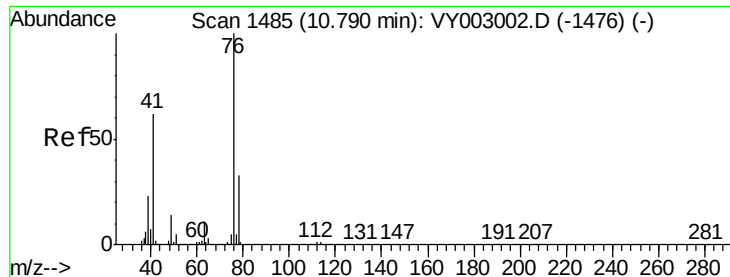
Tot Ion:	97	Resp:	200557
Ion	Ratio	Lower	Upper
97	100		
83	87.6	69.0	103.6
85	55.1	44.8	67.2
99	60.9	49.9	74.9



#56
 Ethyl methacrylate
 Concen: 49.266 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY003005.D
 Acq: 29 Jun 2020 13:38

Tgt Ion:	69	Resp:	291231
Ion	Ratio	Lower	Upper
69	100		
41	67.5	53.7	80.5
39	33.6	28.3	42.5





#57

1,3-Dichloropropane

Concen: 48.777 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY003005.D

Acq: 29 Jun 2020 13:38

Instrument :

MSVOA_Y

ClientSampleId :

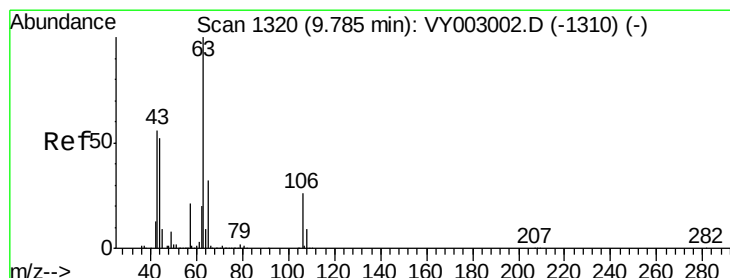
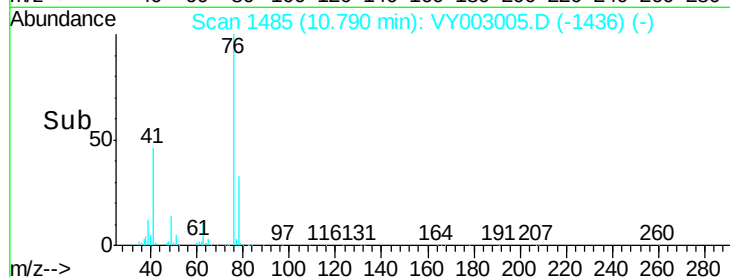
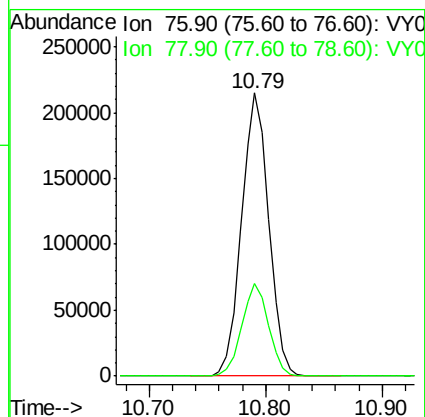
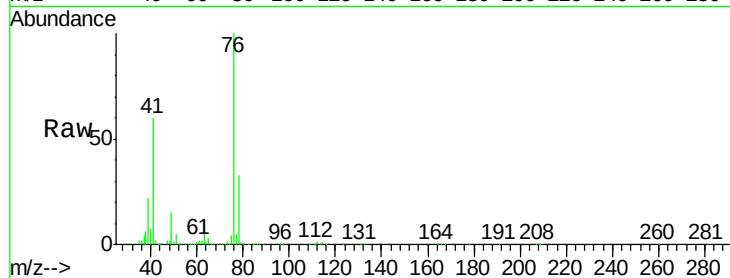
ICVY062920

Tot Ion: 76 Resp: 349679

Ion Ratio Lower Upper

76 100

78 32.2 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 254.976 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY003005.D

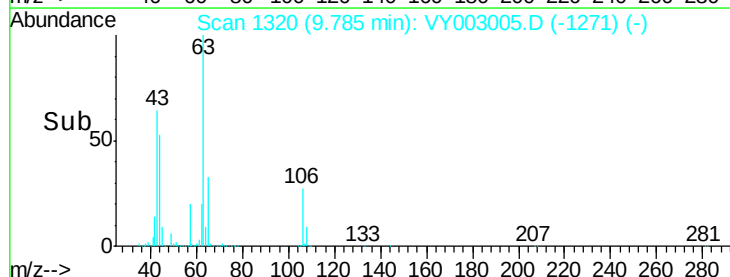
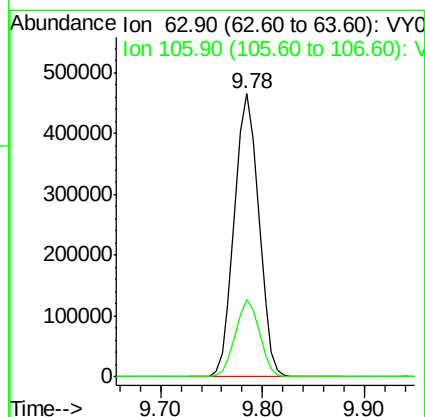
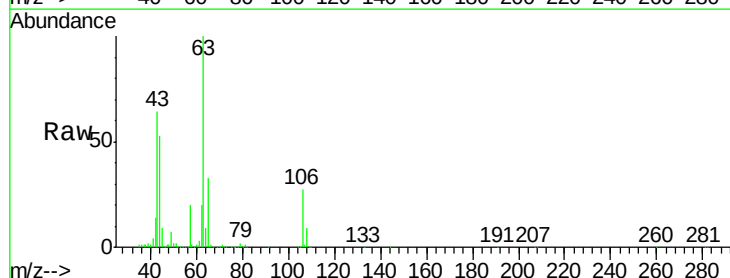
Acq: 29 Jun 2020 13:38

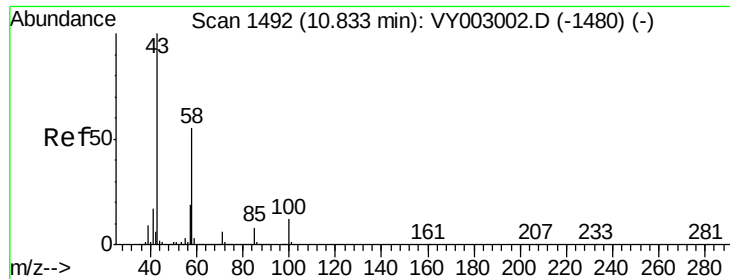
Tgt Ion: 63 Resp: 773029

Ion Ratio Lower Upper

63 100

106 26.8 21.5 32.3

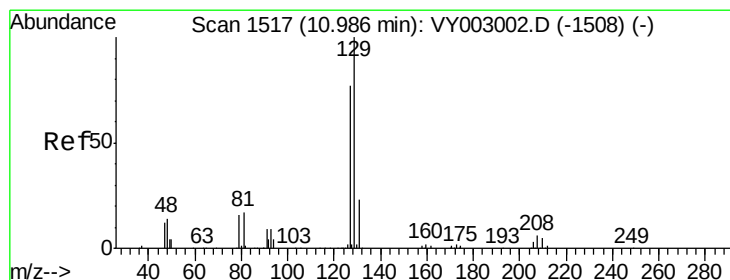
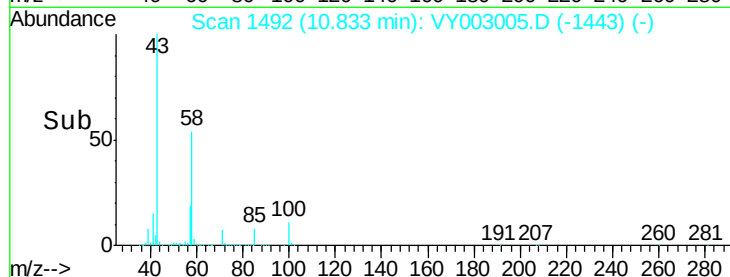
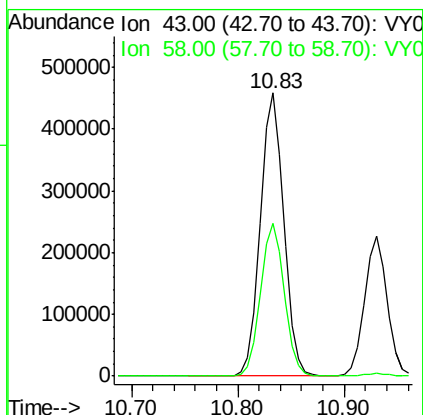
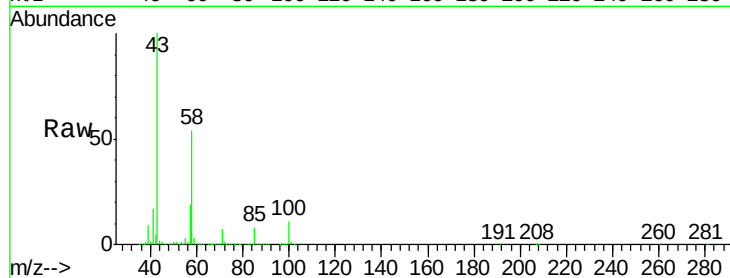




#59
2-Hexanone
Concen: 241.417 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY003005.D
Acq: 29 Jun 2020 13:38

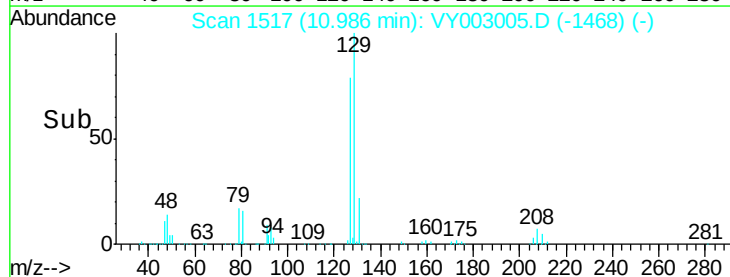
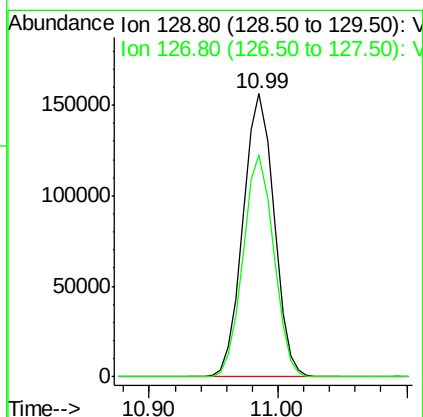
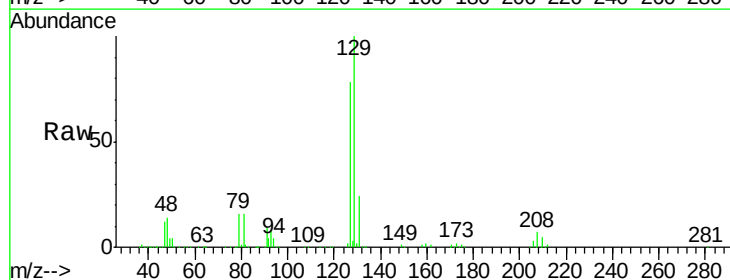
Instrument :
MSVOA_Y
ClientSampleId :
ICVY062920

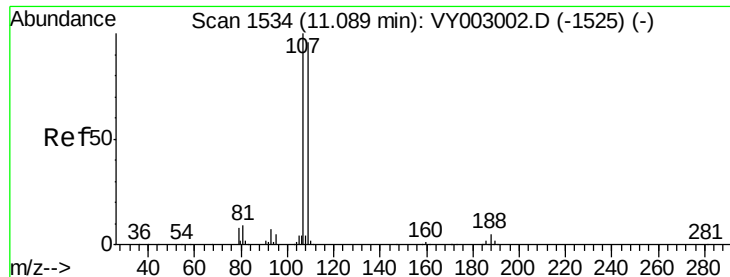
Tot Ion: 43 Resp: 712153
Ion Ratio Lower Upper
43 100
58 54.4 27.5 82.4



#60
Dibromochloromethane
Concen: 49.705 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY003005.D
Acq: 29 Jun 2020 13:38

Tgt Ion: 129 Resp: 259762
Ion Ratio Lower Upper
129 100
127 77.3 39.1 117.3

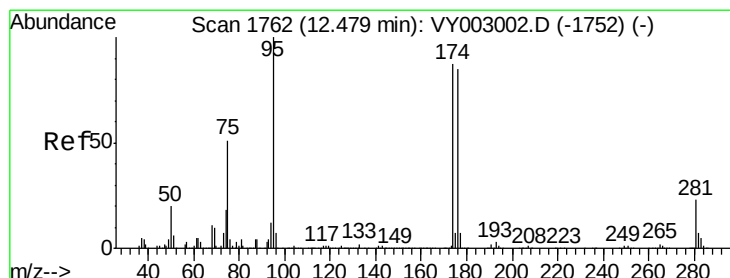
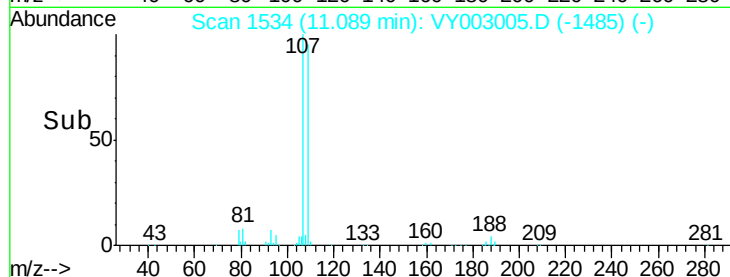
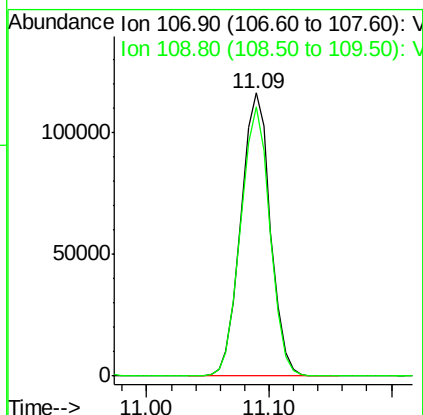
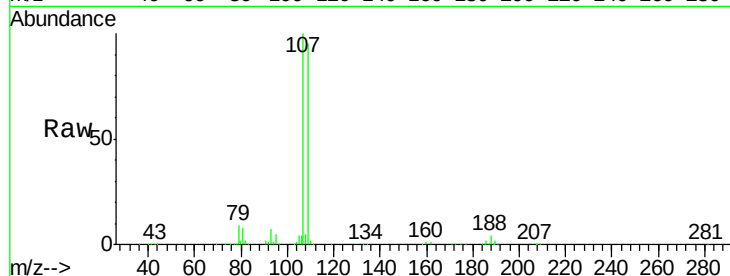




#61
1,2-Dibromoethane
Concen: 48.174 ug/l
RT: 11.09 min Scan# 1534
Delta R.T. 0.00 min
Lab File: VY003005.D
Acq: 29 Jun 2020 13:38

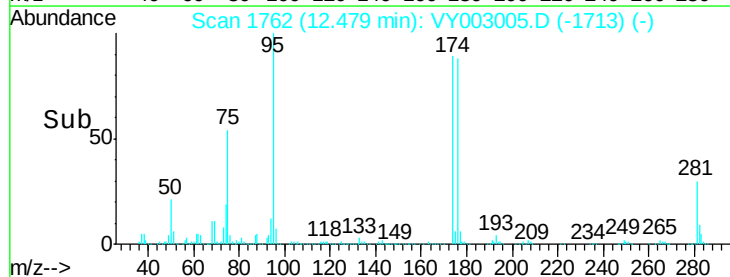
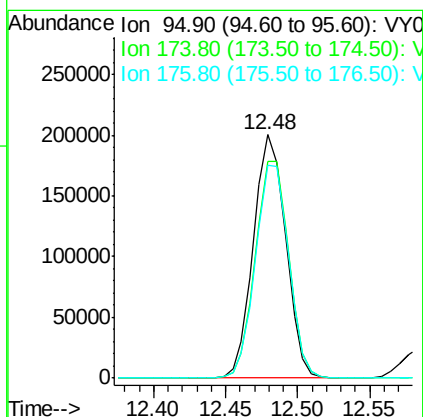
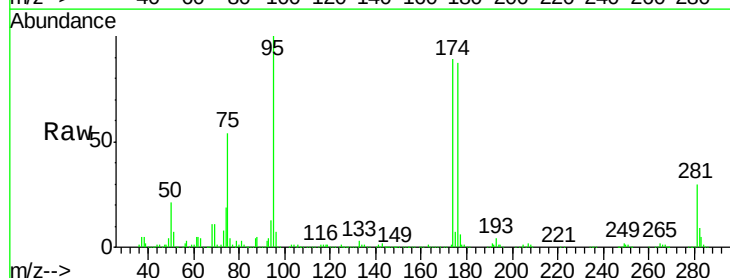
Instrument :
MSVOA_Y
ClientSampleId :
ICVY062920

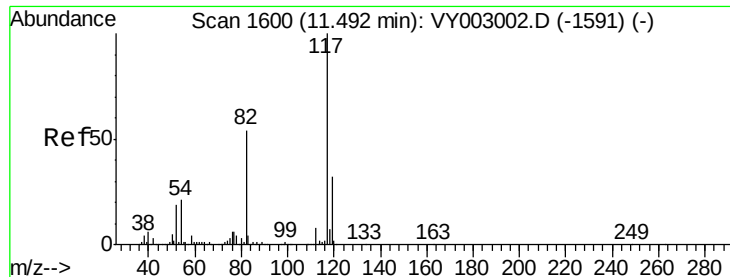
Tot Ion: 107 Resp: 193944
Ion Ratio Lower Upper
107 100
109 94.8 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 51.118 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY003005.D
Acq: 29 Jun 2020 13:38

Tgt Ion: 95 Resp: 310132
Ion Ratio Lower Upper
95 100
174 92.4 0.0 184.8
176 90.4 0.0 183.0

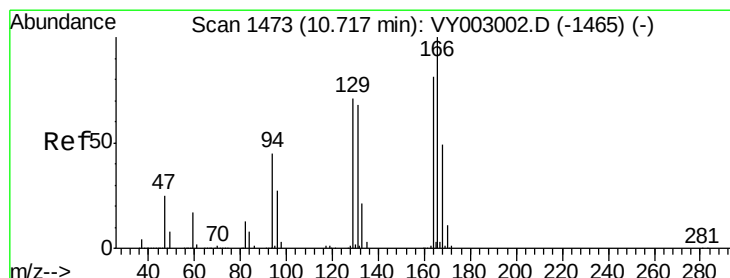
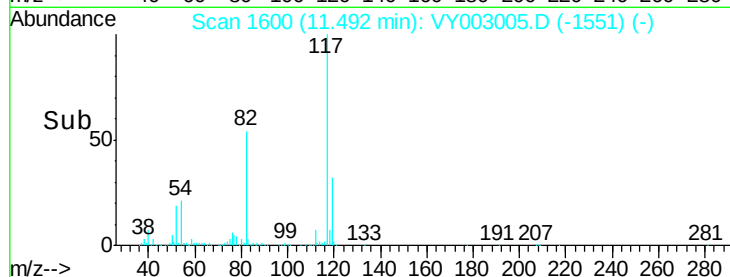
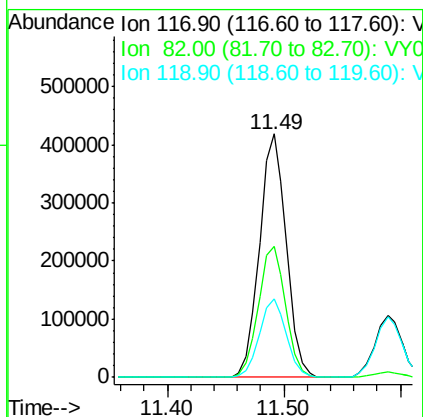
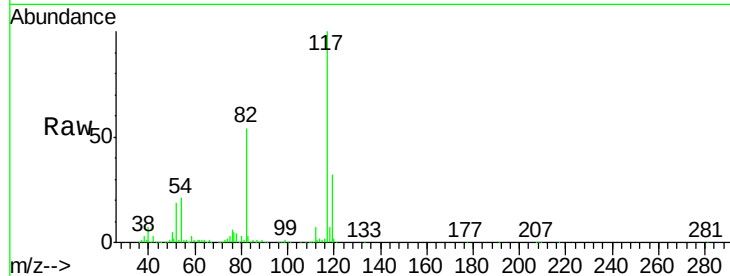




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003005.D
Acq: 29 Jun 2020 13:38

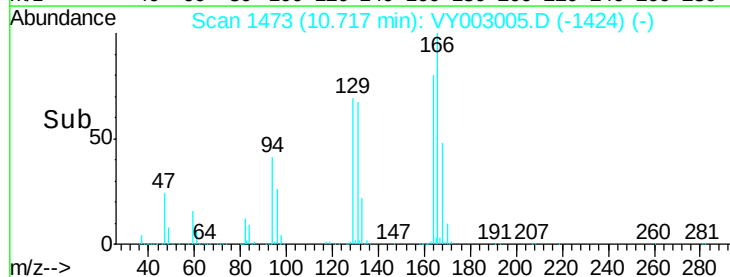
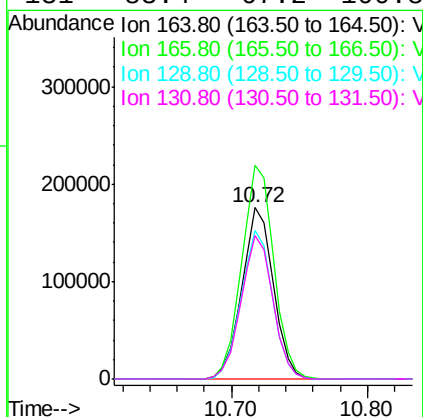
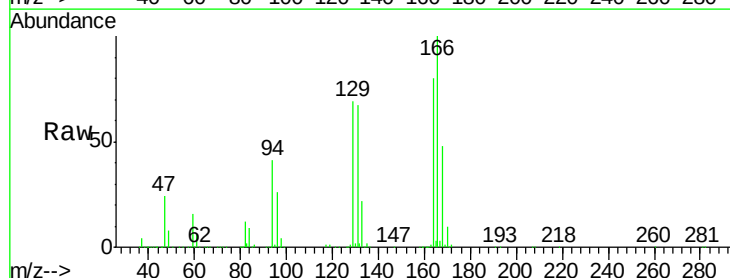
Instrument :
MSVOA_Y
ClientSampleId :
ICVY062920

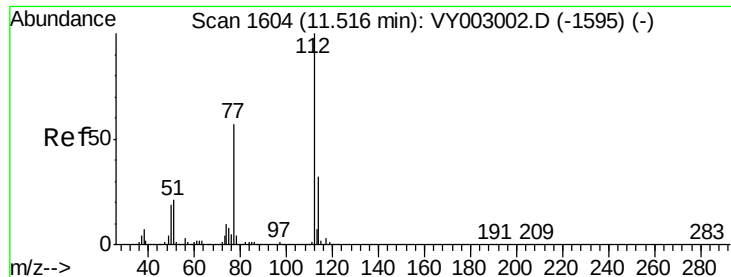
Tot Ion:117 Resp: 668912
Ion Ratio Lower Upper
117 100
82 53.9 43.0 64.6
119 32.1 25.8 38.8



#64
Tetrachloroethene
Concen: 50.229 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY003005.D
Acq: 29 Jun 2020 13:38

Tgt Ion:164 Resp: 284359
Ion Ratio Lower Upper
164 100
166 124.7 98.5 147.7
129 86.4 69.7 104.5
131 83.4 67.2 100.8

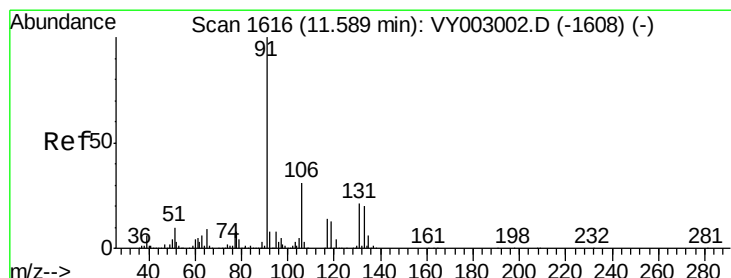
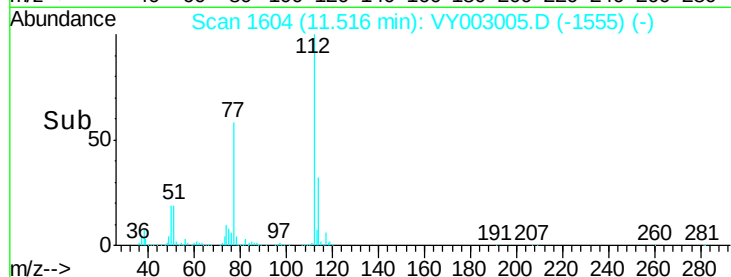
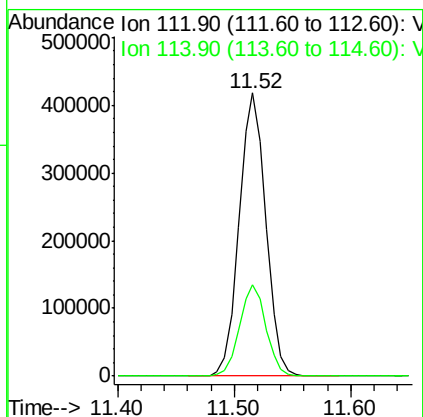
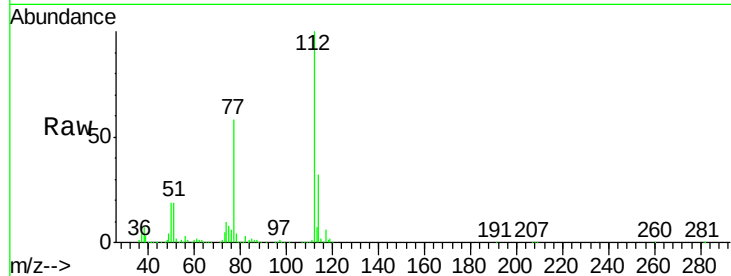




#65
Chlorobenzene
Concen: 50.553 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY003005.D
Acq: 29 Jun 2020 13:38

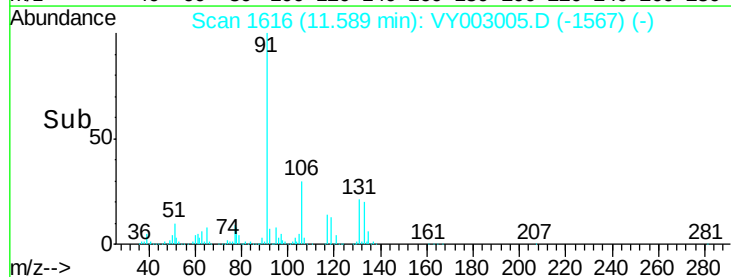
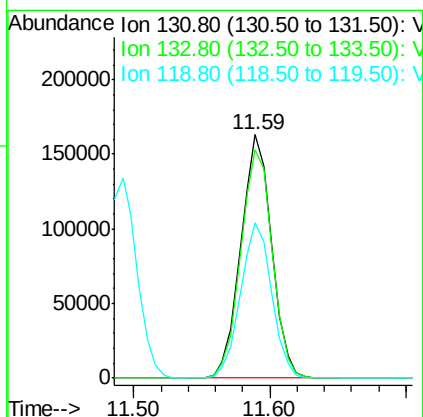
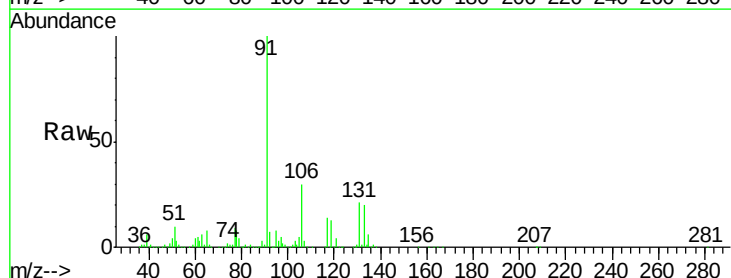
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY062920

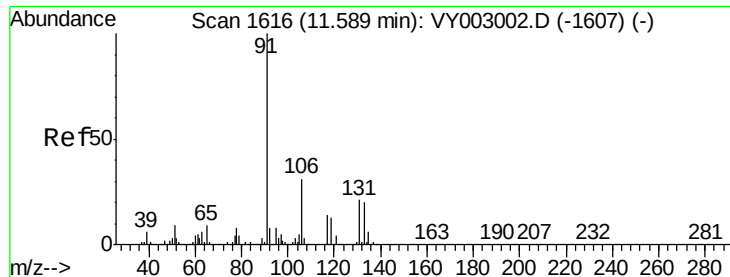
Tot Ion:112 Resp: 666782
Ion Ratio Lower Upper
112 100
114 32.5 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 50.060 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY003005.D
Acq: 29 Jun 2020 13:38

Tgt Ion:131 Resp: 257786
Ion Ratio Lower Upper
131 100
133 96.1 47.9 143.8
119 64.3 31.8 95.3





#67

Ethyl Benzene

Concen: 50.317 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY003005.D

Acq: 29 Jun 2020 13:38

Instrument :

MSVOA_Y

ClientSampleId :

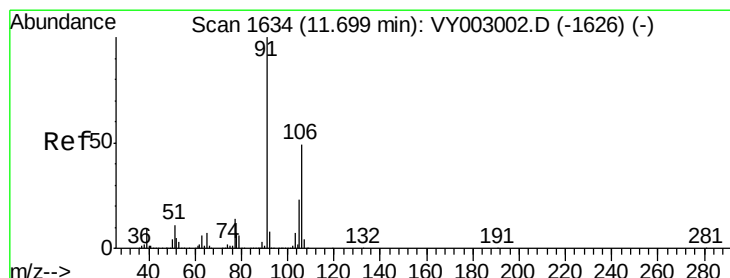
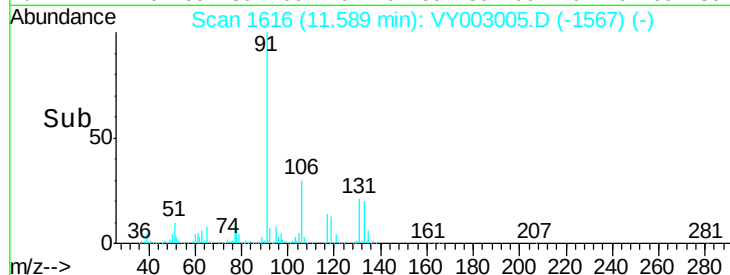
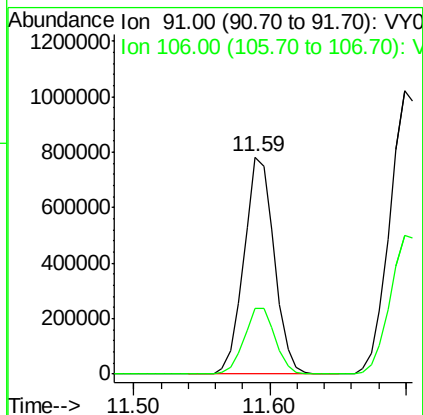
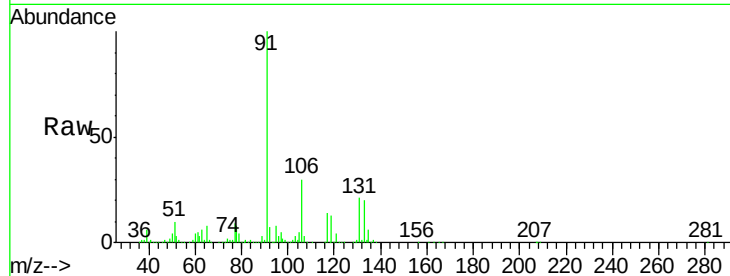
ICVY062920

Tot Ion: 91 Resp: 1214134

Ion Ratio Lower Upper

91 100

106 30.4 25.0 37.4



#68

m/p-Xylenes

Concen: 101.019 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VY003005.D

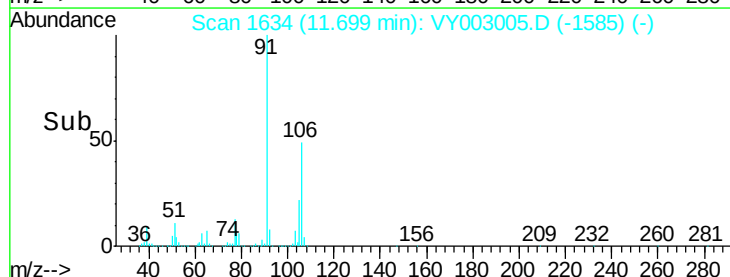
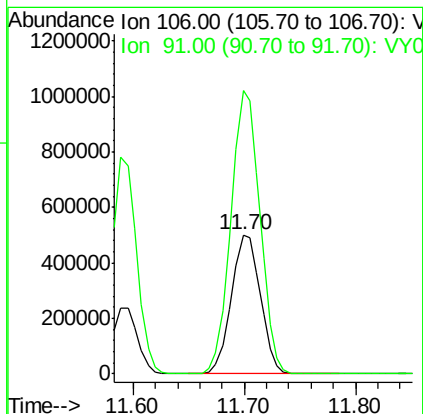
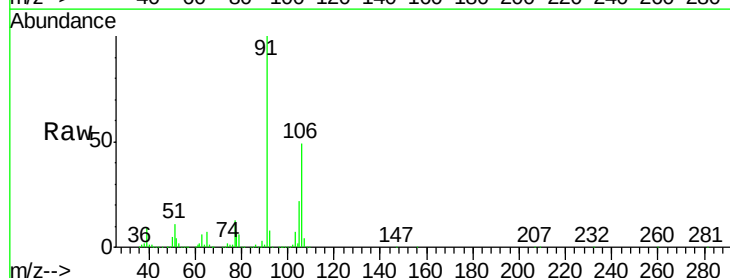
Acq: 29 Jun 2020 13:38

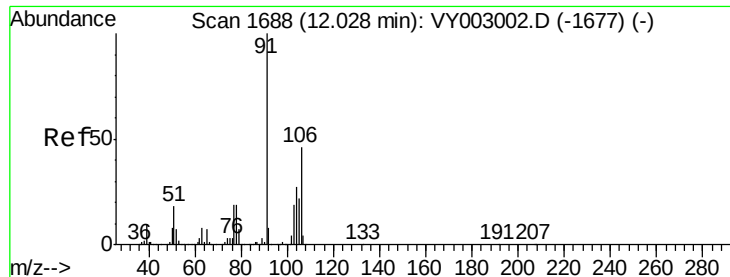
Tgt Ion: 106 Resp: 907209

Ion Ratio Lower Upper

106 100

91 202.6 161.9 242.9

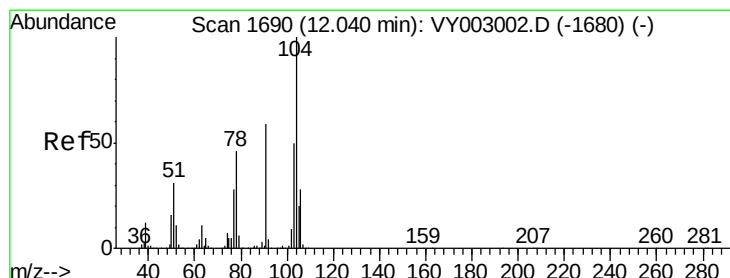
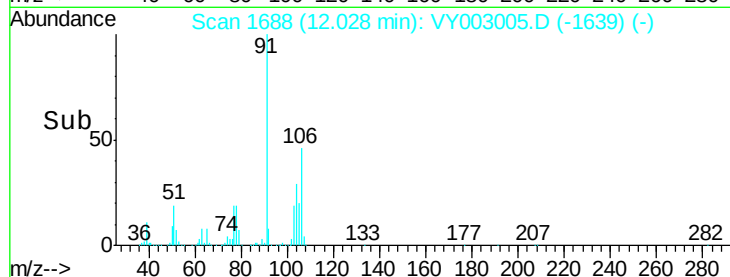
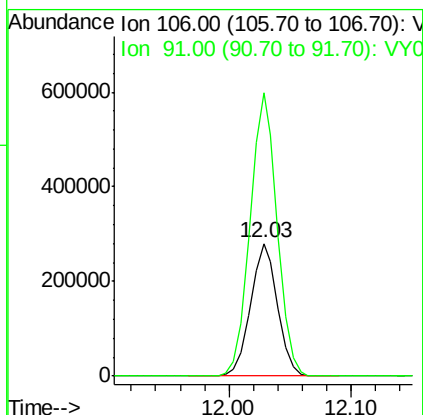
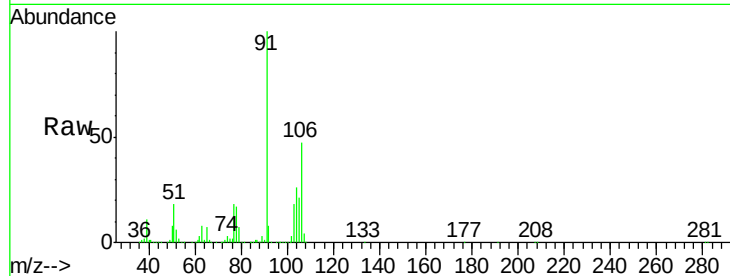




#69
o-Xylene
Concen: 50.549 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY003005.D
Acq: 29 Jun 2020 13:38

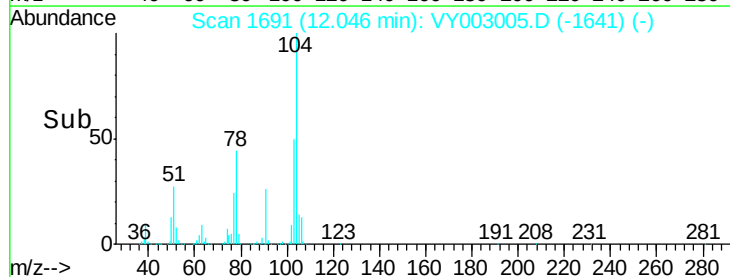
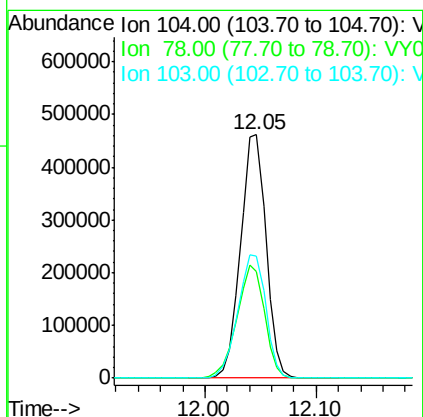
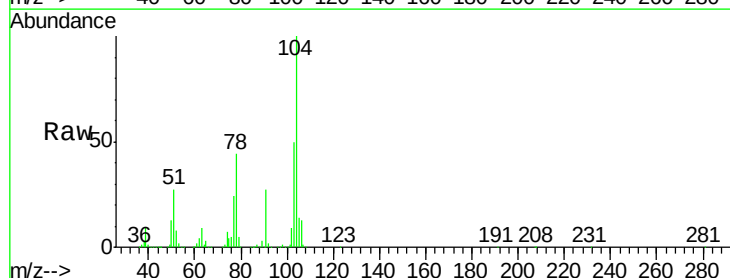
Instrument :
MSVOA_Y
ClientSampleId :
ICVY062920

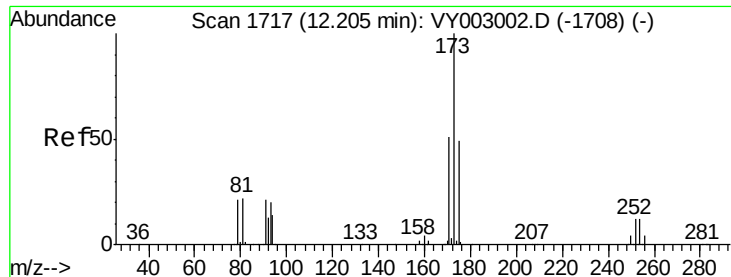
Tot Ion:106 Resp: 427782
Ion Ratio Lower Upper
106 100
91 214.4 107.9 323.8



#70
Styrene
Concen: 50.954 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY003005.D
Acq: 29 Jun 2020 13:38

Tgt Ion:104 Resp: 736667
Ion Ratio Lower Upper
104 100
78 49.9 40.4 60.6
103 55.5 44.1 66.1





#71

Bromoform

Concen: 50.974 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY003005.D

Acq: 29 Jun 2020 13:38

Instrument :

MSVOA_Y

ClientSampled :

ICVY062920

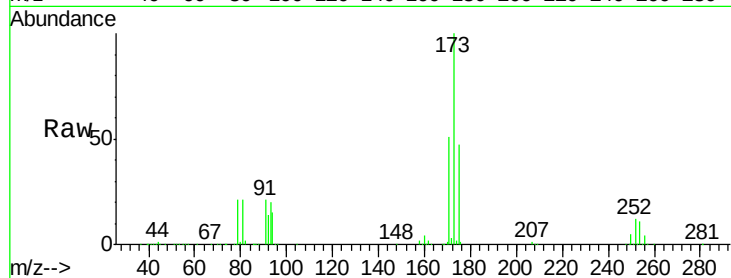
Tot Ion:173 Resp: 175029

Ion Ratio Lower Upper

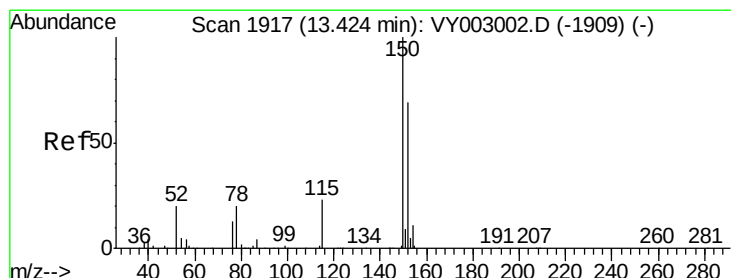
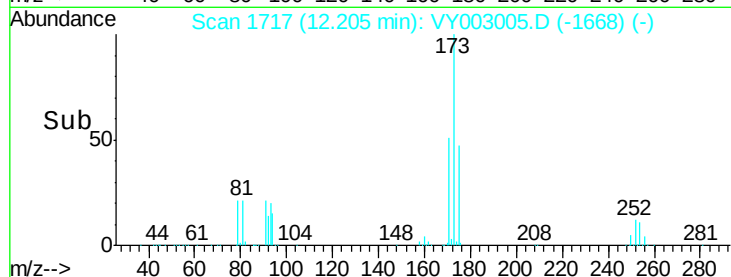
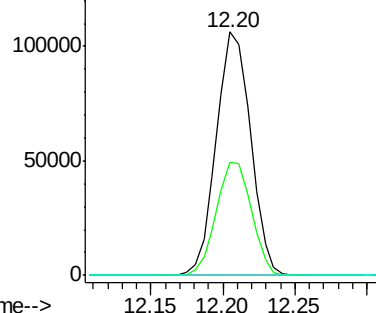
173 100

175 47.8 24.6 73.6

254 0.2 0.2 0.2



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY003005.D

Acq: 29 Jun 2020 13:38

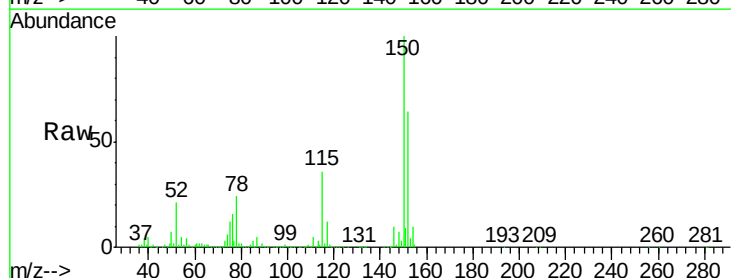
Tgt Ion:152 Resp: 352206

Ion Ratio Lower Upper

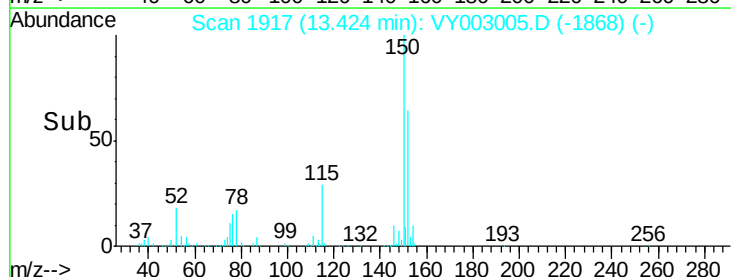
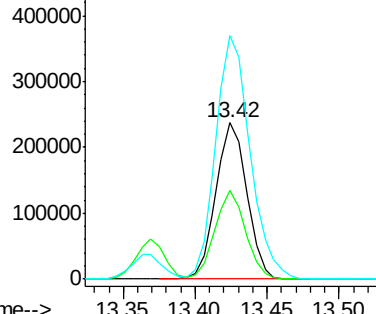
152 100

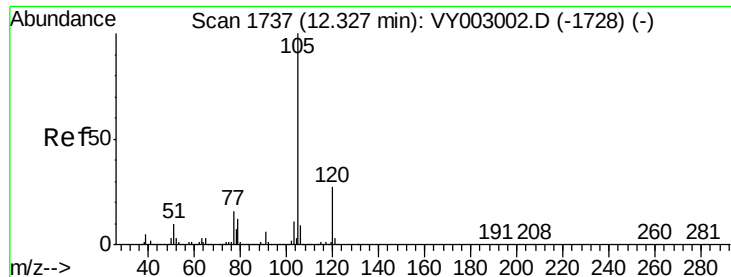
115 55.4 27.3 81.9

150 172.8 0.0 343.4



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





#73

Isopropylbenzene

Concen: 50.536 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY003005.D

Acq: 29 Jun 2020 13:38

Instrument :

MSVOA_Y

ClientSampleId :

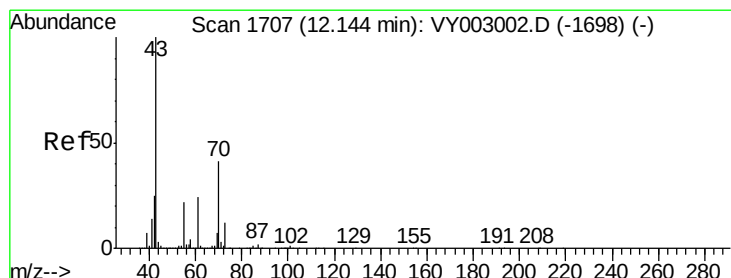
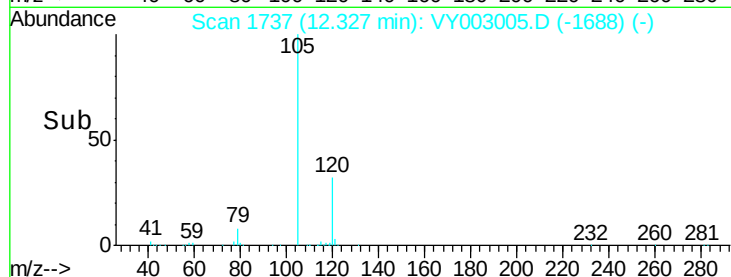
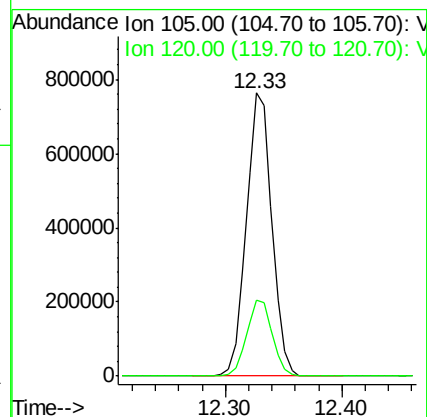
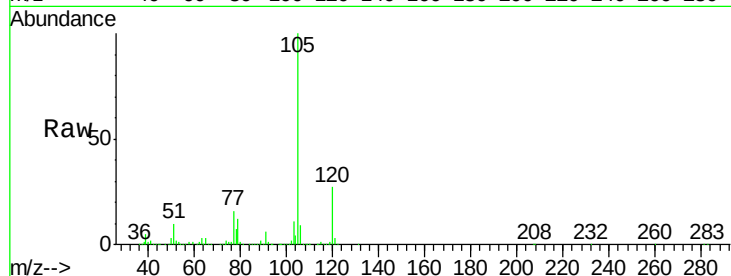
ICVY062920

Tot Ion:105 Resp: 1164868

Ion Ratio Lower Upper

105 100

120 27.1 13.4 40.1



#74

N-ethyl acetate

Concen: 49.081 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY003005.D

Acq: 29 Jun 2020 13:38

Tgt Ion: 43 Resp: 368303

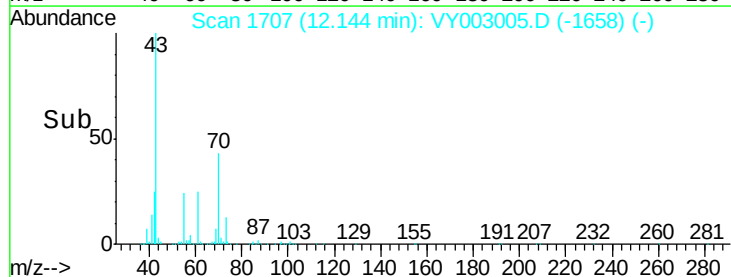
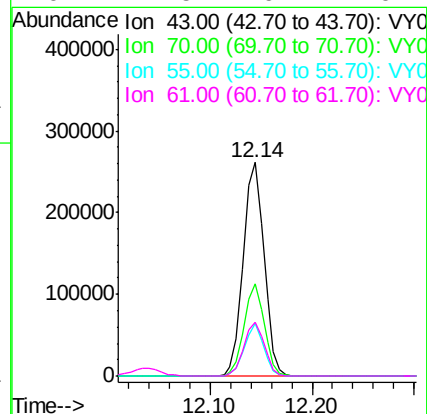
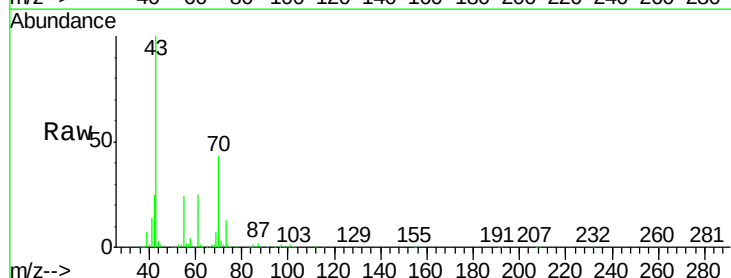
Ion Ratio Lower Upper

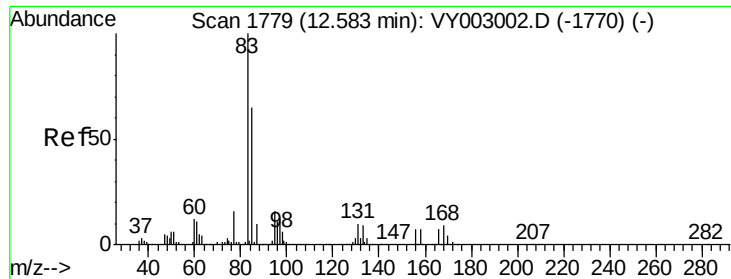
43 100

70 41.8 33.0 49.4

55 22.9 18.2 27.2

61 24.5 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 50.195 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY003005.D

Acq: 29 Jun 2020 13:38

Instrument :

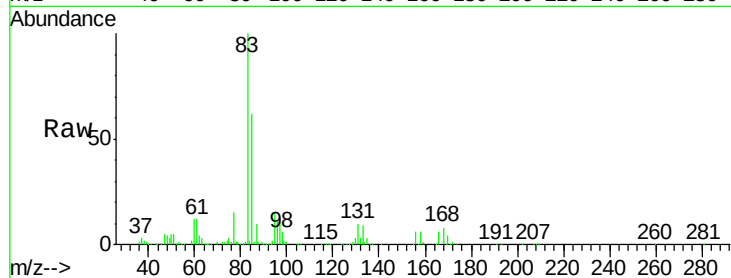
MSVOA_Y

ClientSampleId :

ICVY062920

Tot Ion: 83 Resp: 233488

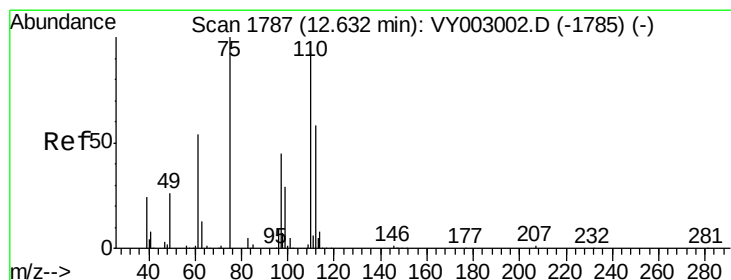
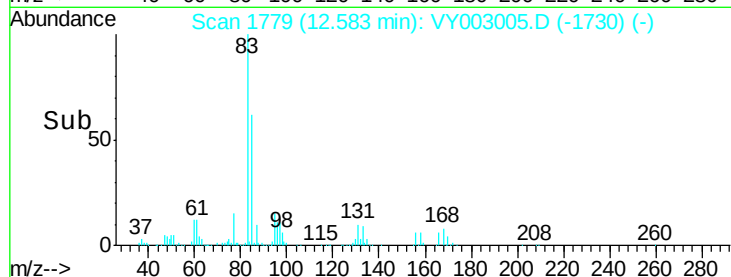
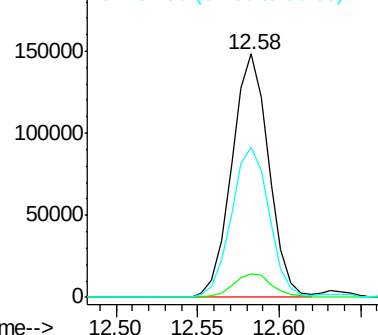
Ion	Ratio	Lower	Upper
83	100		
131	10.4	5.3	16.1
85	63.1	32.1	96.3



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 91.531 ug/l

RT: 12.63 min Scan# 1787

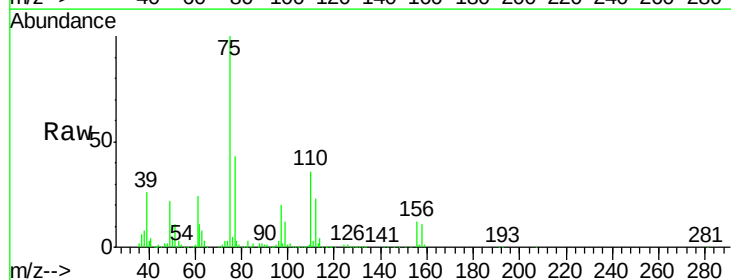
Delta R.T. 0.00 min

Lab File: VY003005.D

Acq: 29 Jun 2020 13:38

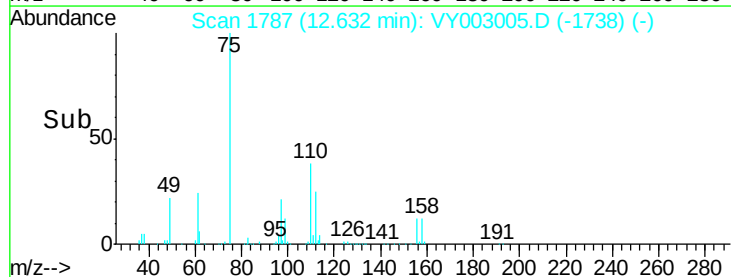
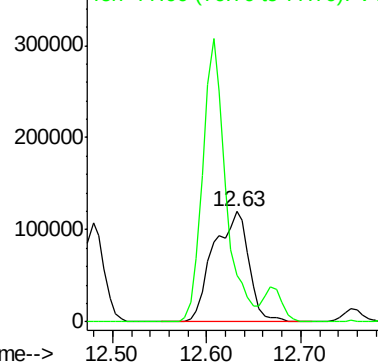
Tgt Ion: 75 Resp: 319054

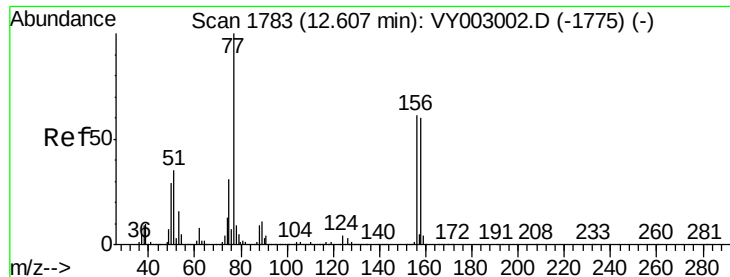
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 50.170 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY003005.D

Acq: 29 Jun 2020 13:38

Instrument :

MSVOA_Y

ClientSampleId :

ICVY062920

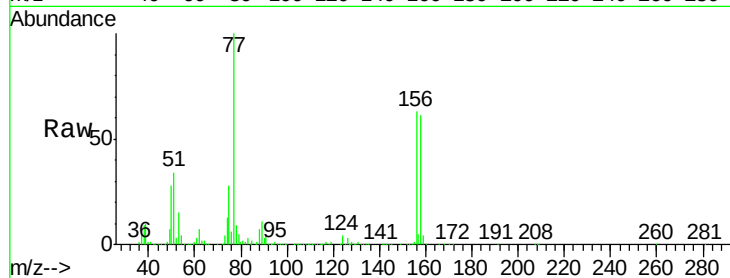
Tot Ion:156 Resp: 296509

Ion Ratio Lower Upper

156 100

77 176.9 90.0 270.0

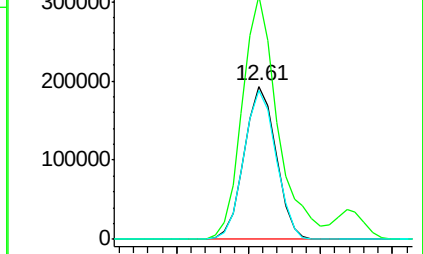
158 97.9 48.5 145.5



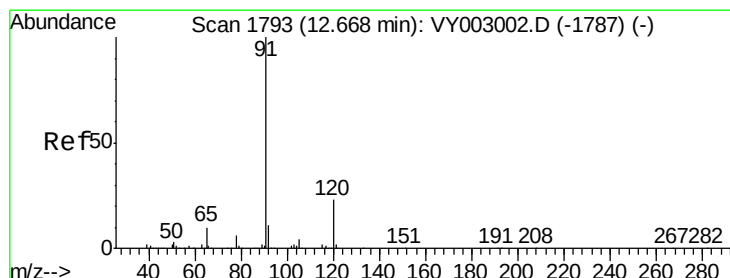
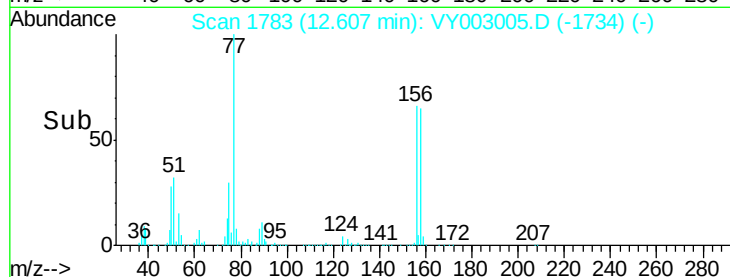
Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



Time-->



#78

n-propylbenzene

Concen: 50.352 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY003005.D

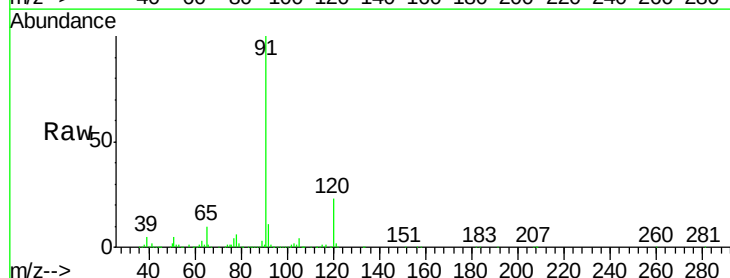
Acq: 29 Jun 2020 13:38

Tgt Ion: 91 Resp: 1395814

Ion Ratio Lower Upper

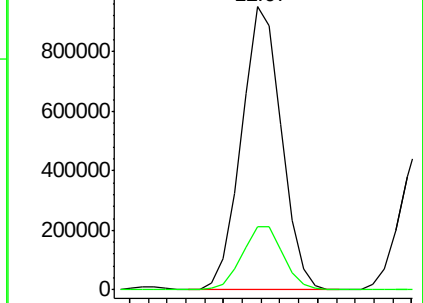
91 100

120 23.2 11.5 34.5

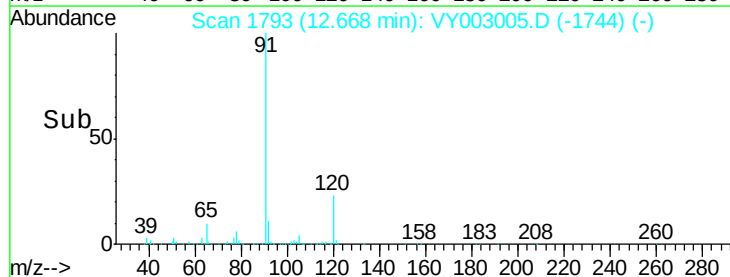


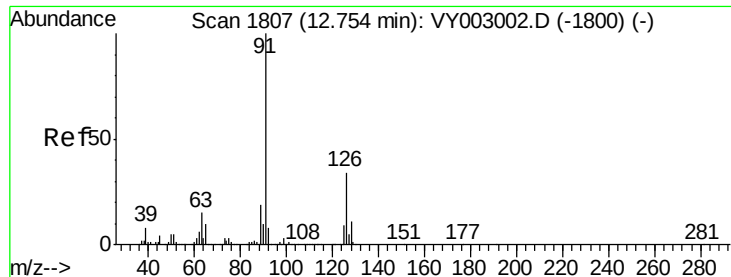
Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V



Time-->

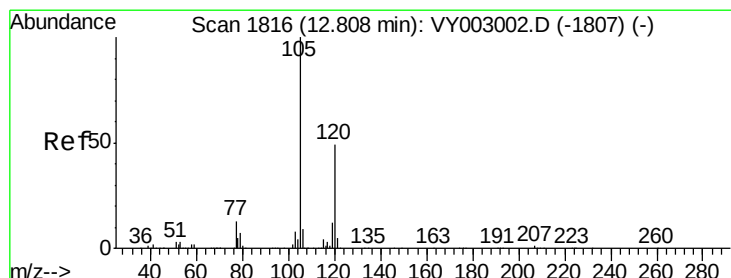
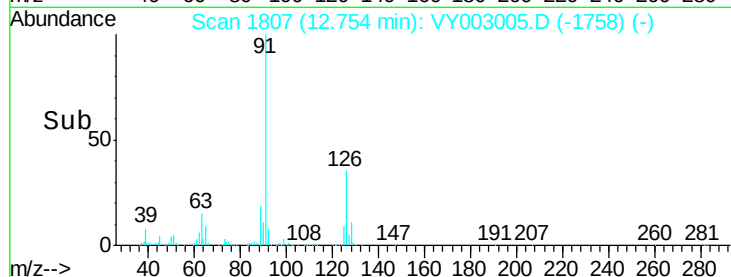
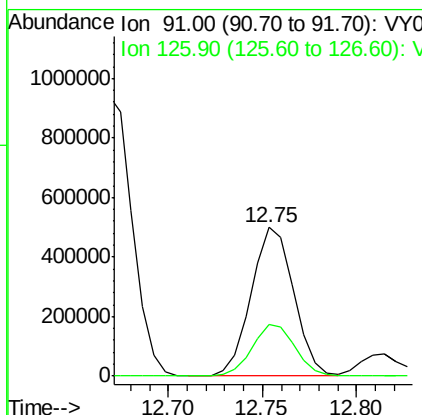
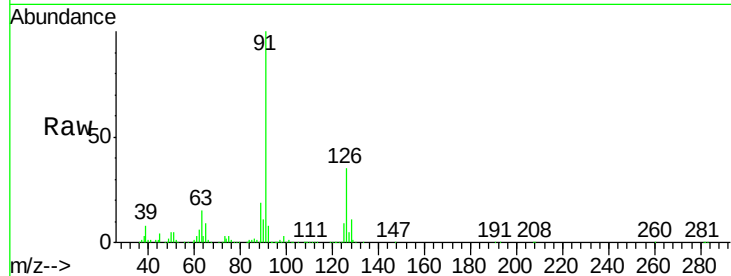




#79
 2-Chlorotoluene
 Concen: 50.599 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VY003005.D
 Acq: 29 Jun 2020 13:38

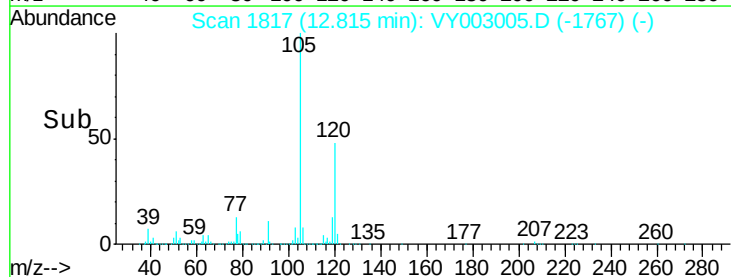
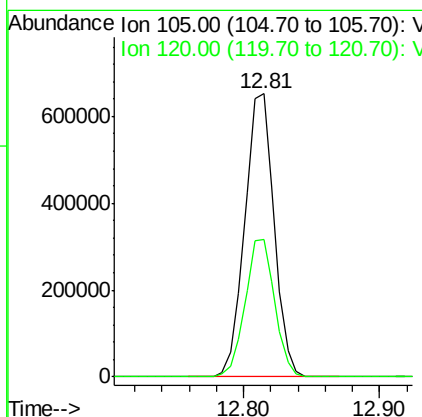
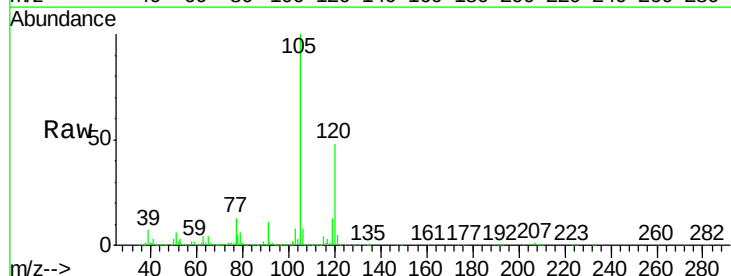
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY062920

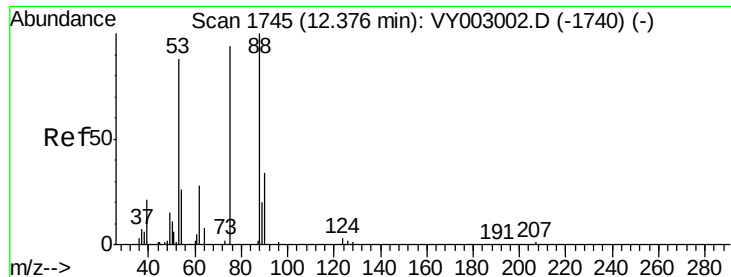
Tot Ion: 91 Resp: 782943
 Ion Ratio Lower Upper
 91 100
 126 34.8 17.1 51.3



#80
 1,3,5-Trimethylbenzene
 Concen: 50.871 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. 0.01 min
 Lab File: VY003005.D
 Acq: 29 Jun 2020 13:38

Tgt Ion: 105 Resp: 983976
 Ion Ratio Lower Upper
 105 100
 120 48.9 24.6 73.6





#81

trans-1,4-Dichloro-2-butene

Concen: 49.052 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY003005.D

Acq: 29 Jun 2020 13:38

Instrument :

MSVOA_Y

ClientSampleId :

ICVY062920

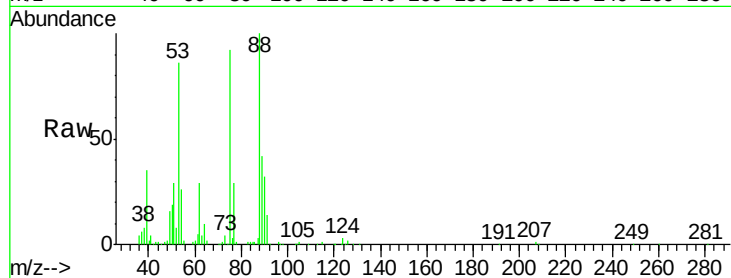
Tot Ion: 75 Resp: 87883

Ion Ratio Lower Upper

75 100

53 89.3 73.9 110.9

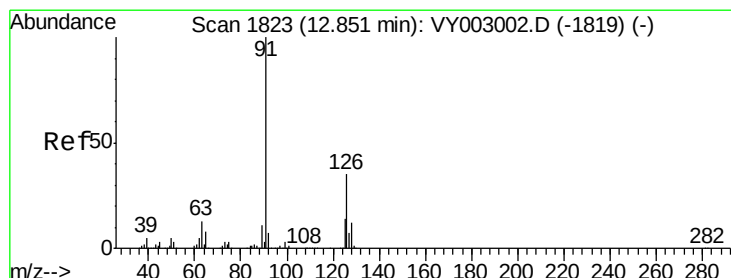
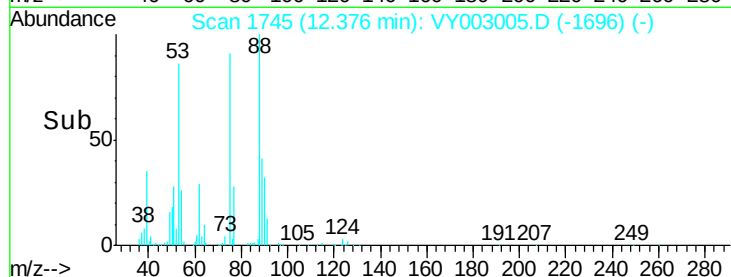
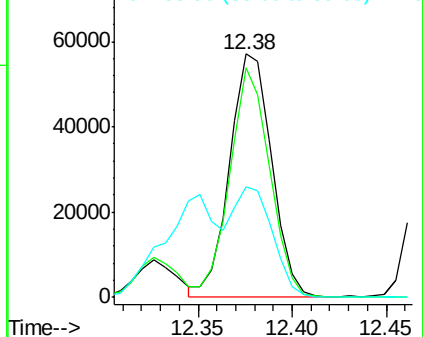
89 42.6 37.5 56.3



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 50.923 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY003005.D

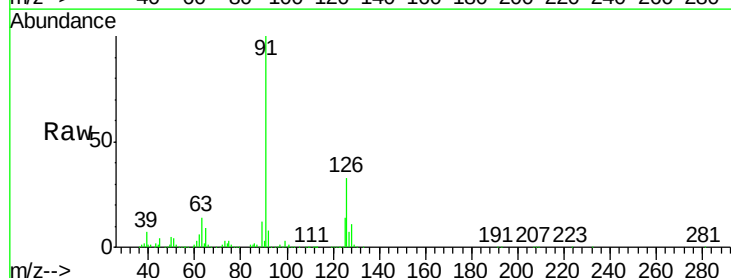
Acq: 29 Jun 2020 13:38

Tgt Ion: 91 Resp: 820388

Ion Ratio Lower Upper

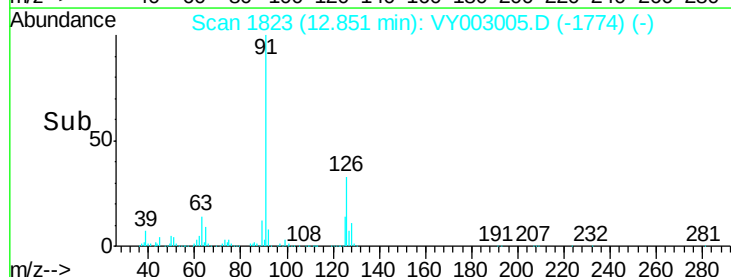
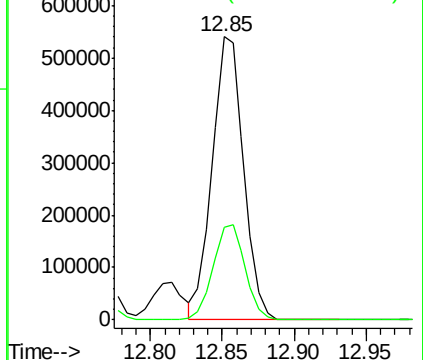
91 100

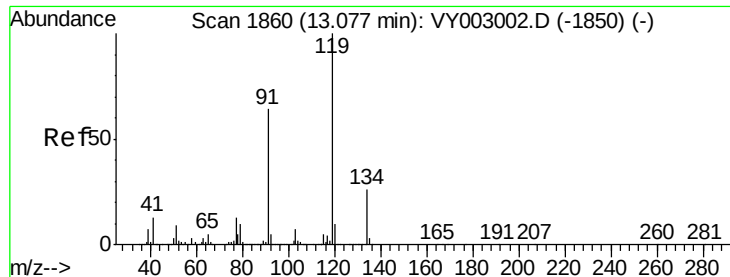
126 34.6 17.4 52.3



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 50.423 ug/l

RT: 13.08 min Scan# 1860

Delta R.T. 0.00 min

Lab File: VY003005.D

Acq: 29 Jun 2020 13:38

Instrument :

MSVOA_Y

ClientSampleId :

ICVY062920

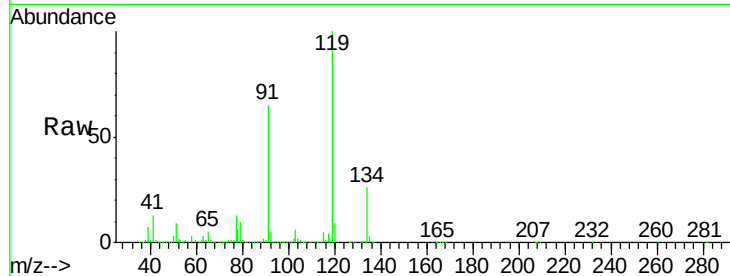
Tot Ion:119 Resp: 856393

Ion Ratio Lower Upper

119 100

91 63.7 31.6 95.0

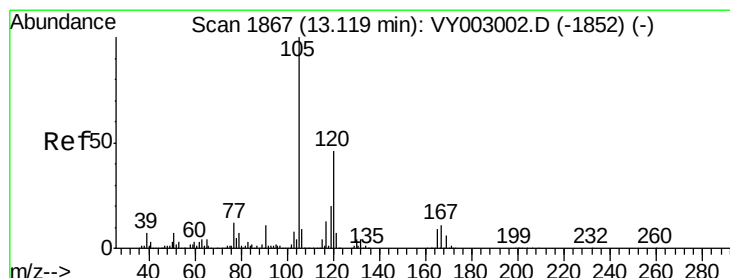
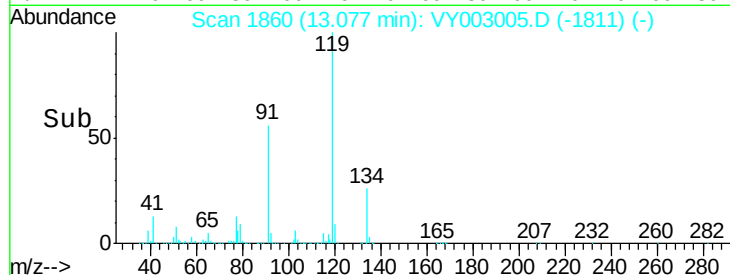
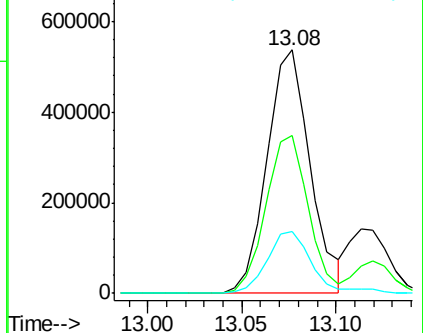
134 26.7 13.2 39.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 50.396 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VY003005.D

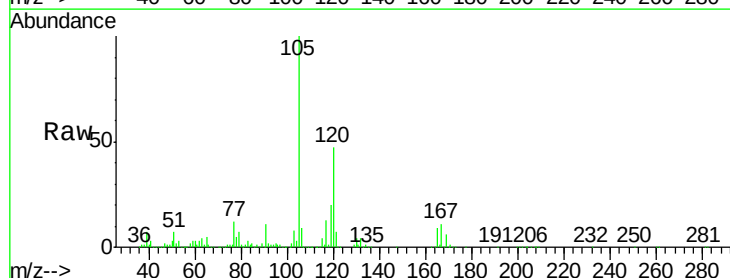
Acq: 29 Jun 2020 13:38

Tgt Ion:105 Resp: 982260

Ion Ratio Lower Upper

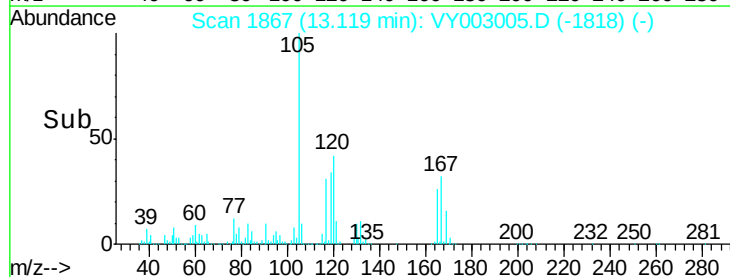
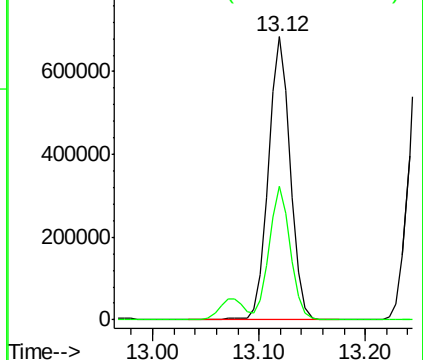
105 100

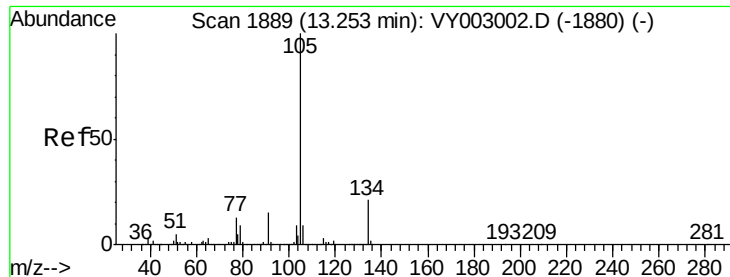
120 45.6 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 51.126 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY003005.D

Acq: 29 Jun 2020 13:38

Instrument :

MSVOA_Y

ClientSampleId :

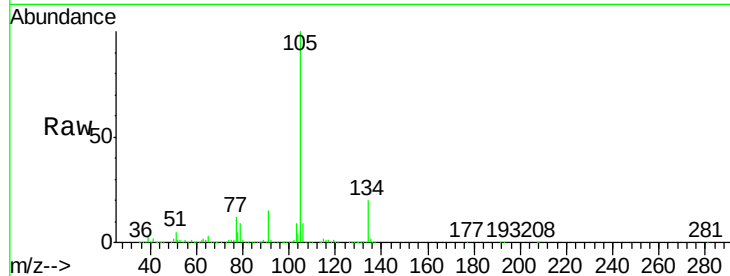
ICVY062920

Tot Ion:105 Resp: 1196870

Ion Ratio Lower Upper

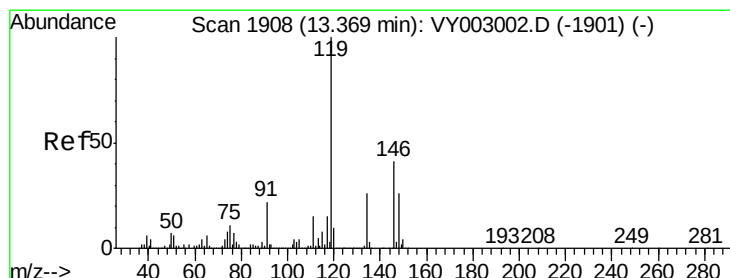
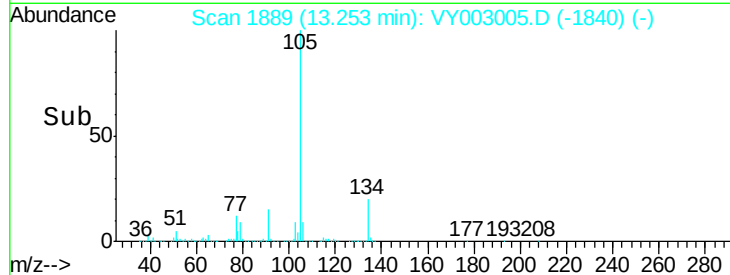
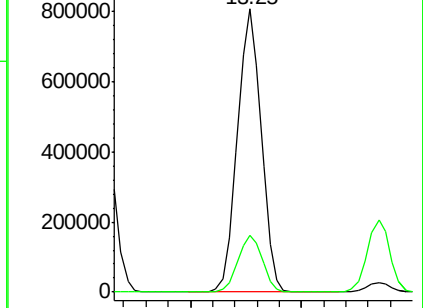
105 100

134 20.5 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.986 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY003005.D

Acq: 29 Jun 2020 13:38

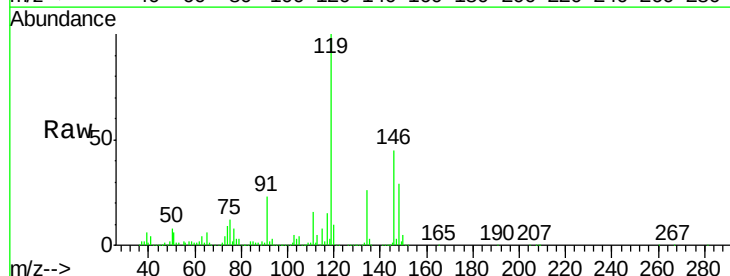
Tgt Ion:119 Resp: 1105996

Ion Ratio Lower Upper

119 100

134 26.5 13.5 40.4

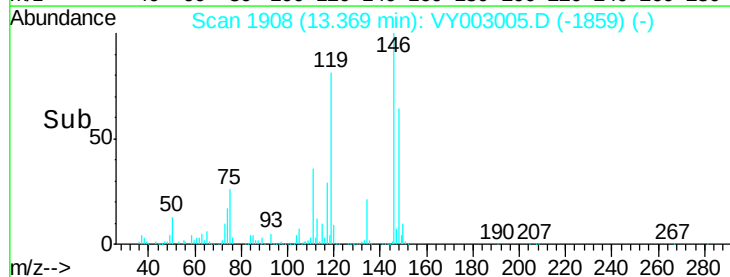
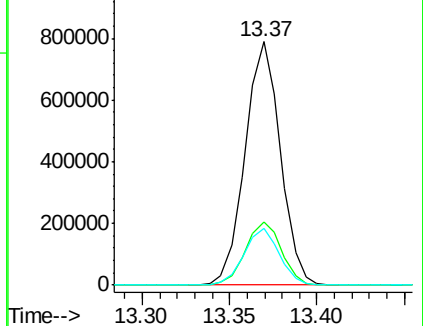
91 23.3 11.5 34.5

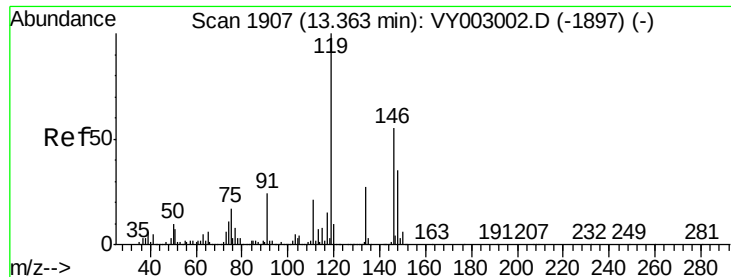


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

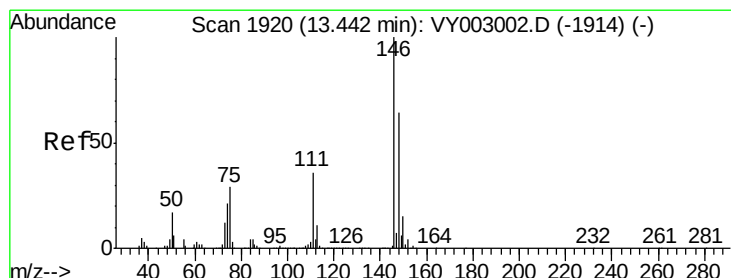
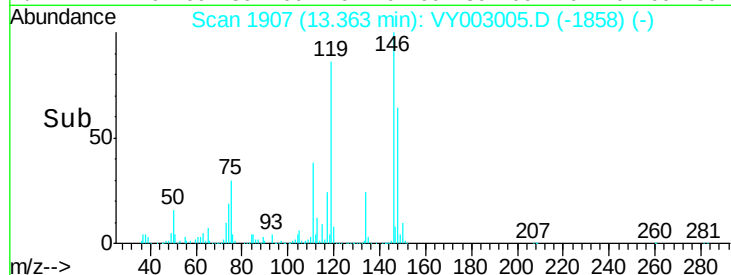
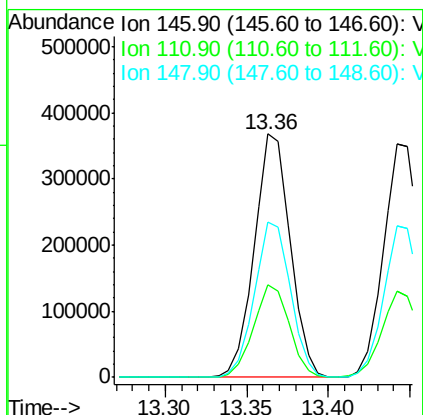
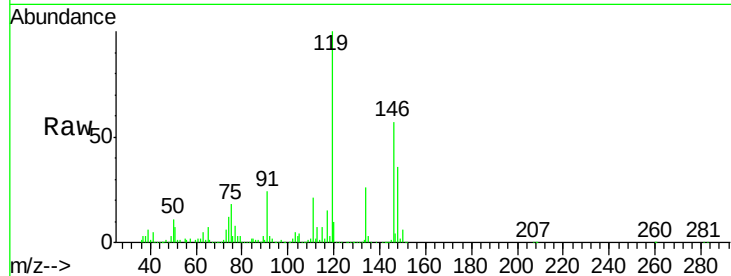




#87
 1,3-Dichlorobenzene
 Concen: 50.890 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY003005.D
 Acq: 29 Jun 2020 13:38

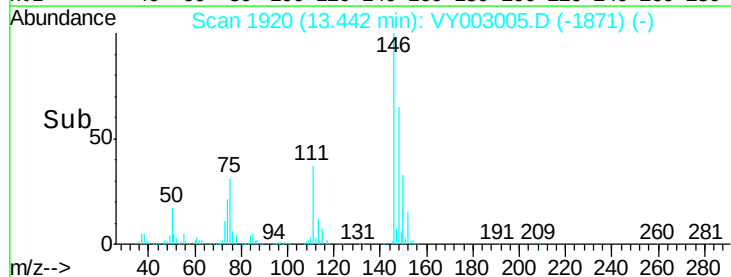
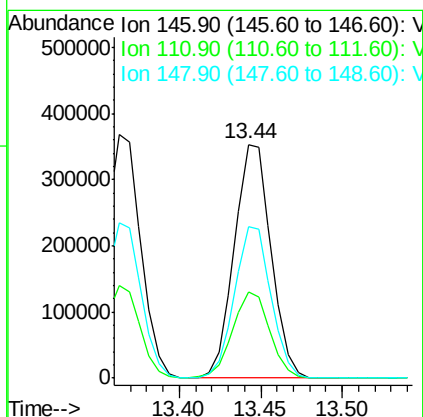
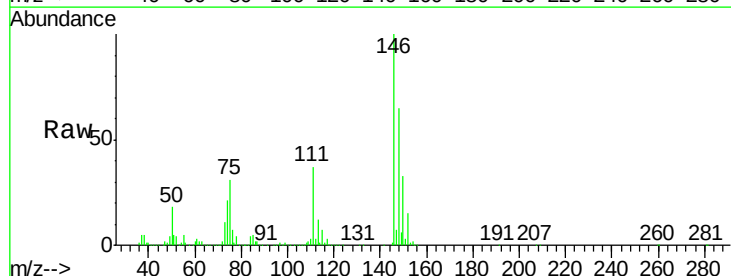
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY062920

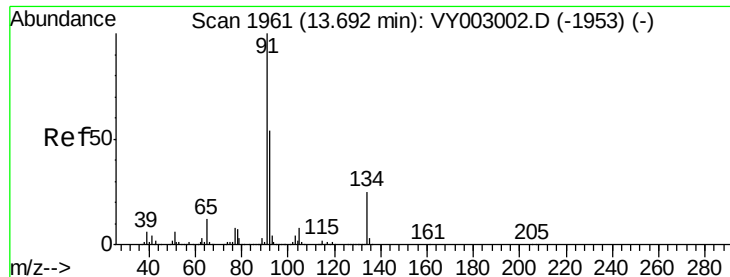
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.8	56.3
148	64.2	31.8	95.3



#88
 1,4-Dichlorobenzene
 Concen: 50.828 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY003005.D
 Acq: 29 Jun 2020 13:38

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.4	55.4
148	64.5	32.3	96.9

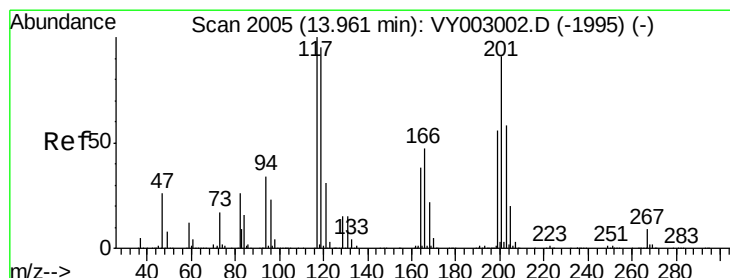
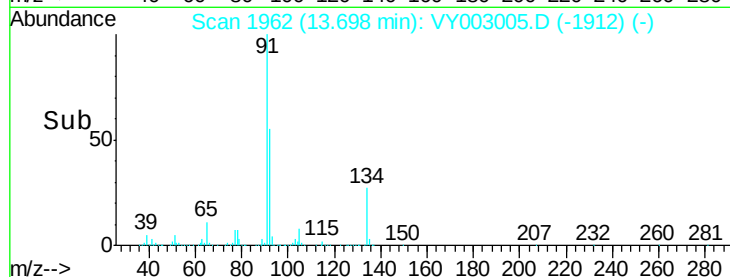
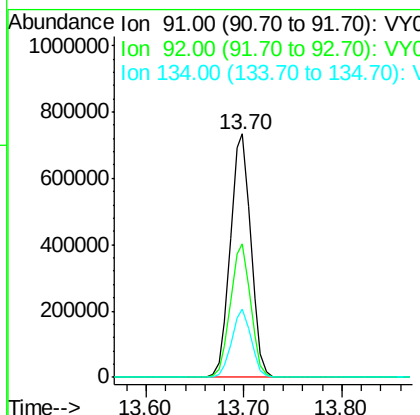
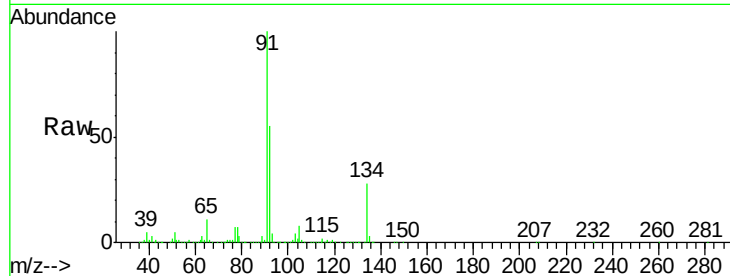




#89
n-Butylbenzene
Concen: 51.190 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY003005.D
Acq: 29 Jun 2020 13:38

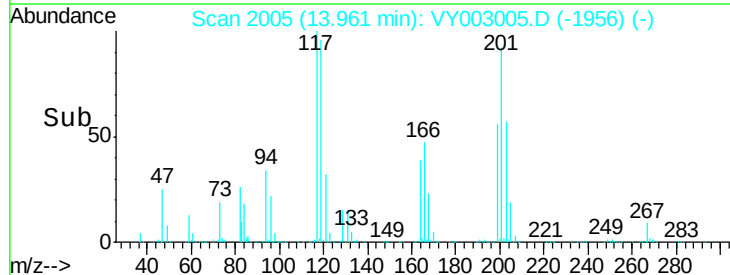
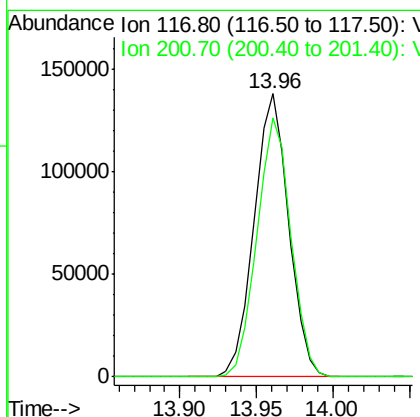
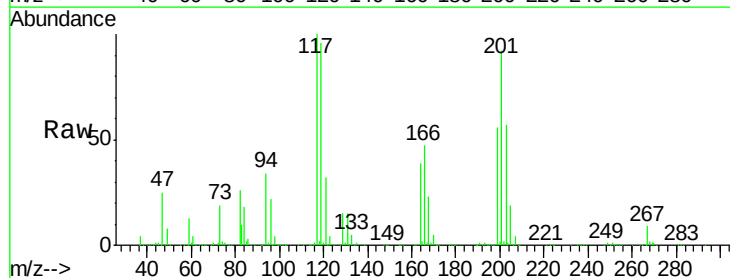
Instrument :
MSVOA_Y
ClientSampleId :
ICVY062920

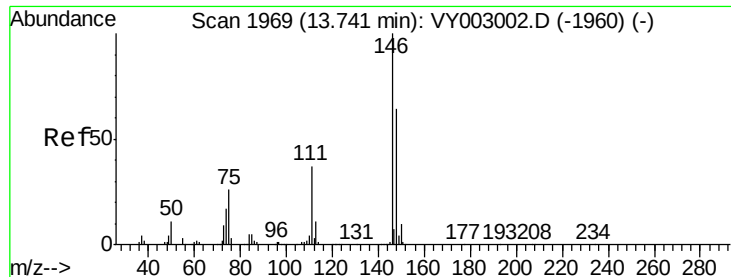
Tot Ion: 91 Resp: 1062434
Ion Ratio Lower Upper
91 100
92 54.0 26.8 80.3
134 26.7 13.1 39.1



#90
Hexachloroethane
Concen: 50.521 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY003005.D
Acq: 29 Jun 2020 13:38

Tgt Ion: 117 Resp: 217617
Ion Ratio Lower Upper
117 100
201 90.0 45.5 136.4





#91

1,2-Dichlorobenzene

Concen: 50.250 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. 0.00 min

Lab File: VY003005.D

Acq: 29 Jun 2020 13:38

Instrument :

MSVOA_Y

ClientSampleId :

ICVY062920

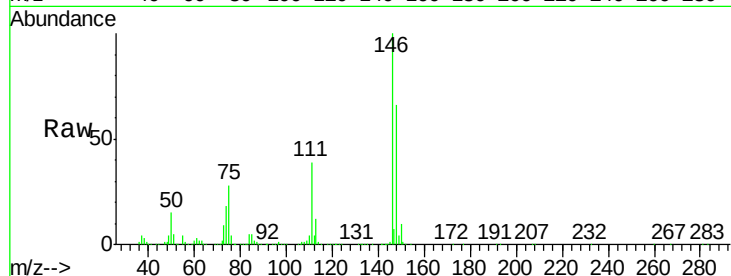
Tot Ion:146 Resp: 497462

Ion Ratio Lower Upper

146 100

111 39.1 19.1 57.5

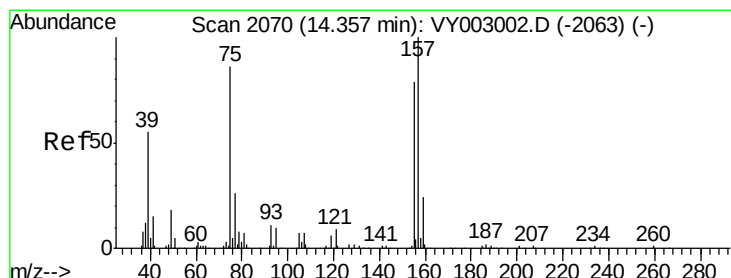
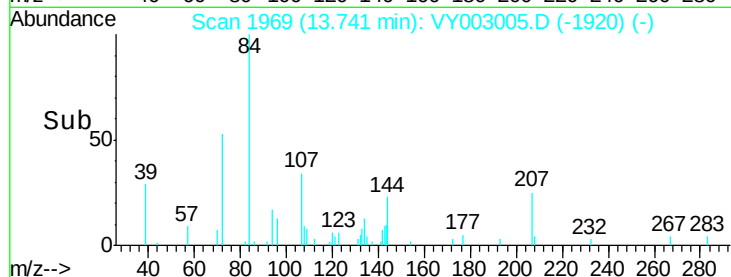
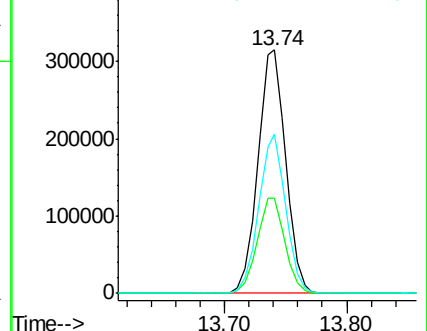
148 63.5 31.8 95.3



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: 48.326 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. 0.00 min

Lab File: VY003005.D

Acq: 29 Jun 2020 13:38

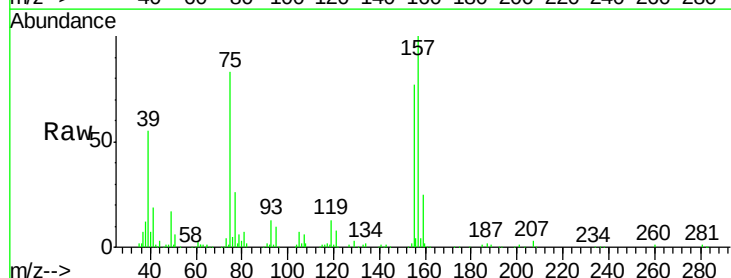
Tgt Ion: 75 Resp: 39794

Ion Ratio Lower Upper

75 100

155 97.2 46.5 139.3

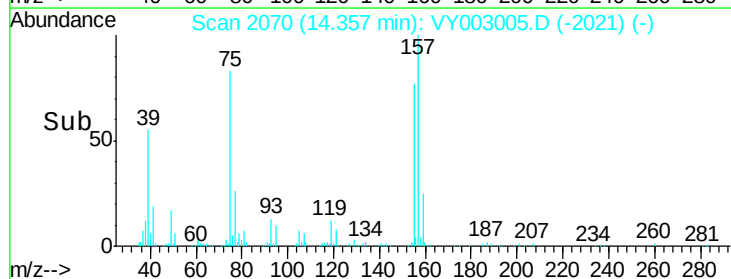
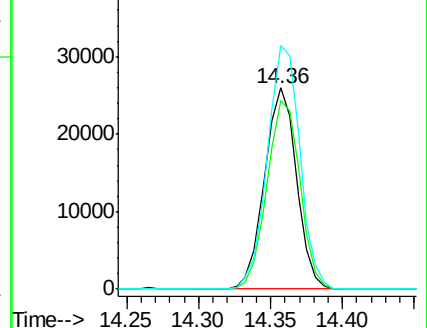
157 123.7 59.2 177.5

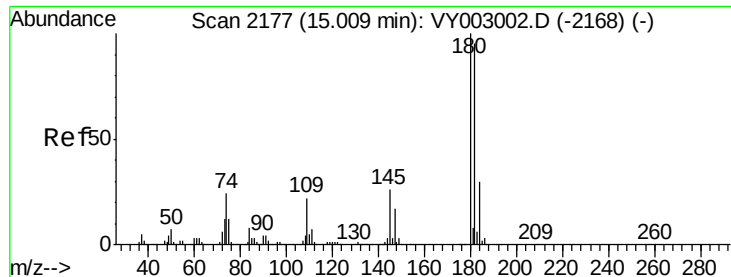


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 51.928 ug/l

RT: 15.01 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VY003005.D

Acq: 29 Jun 2020 13:38

Instrument :

MSVOA_Y

ClientSampleId :

ICVY062920

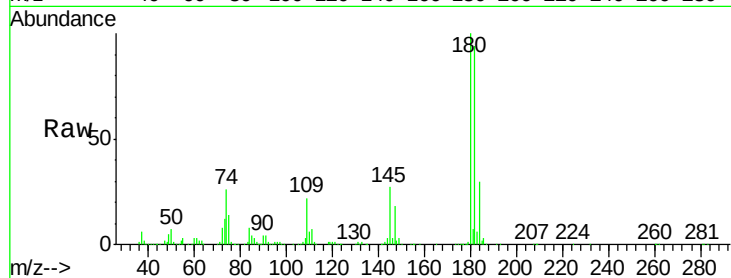
Tot Ion:180 Resp: 381995

Ion Ratio Lower Upper

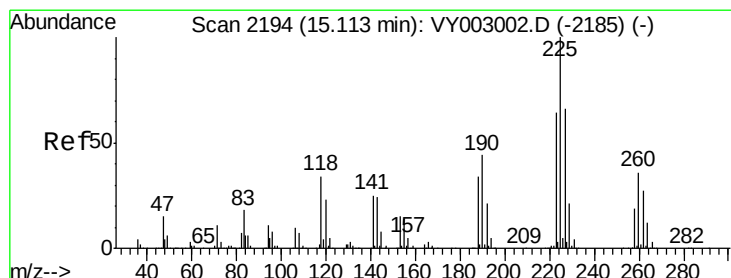
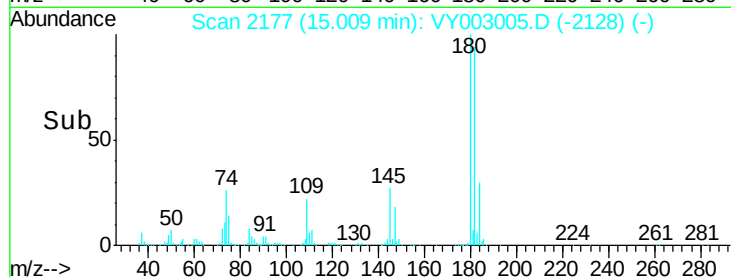
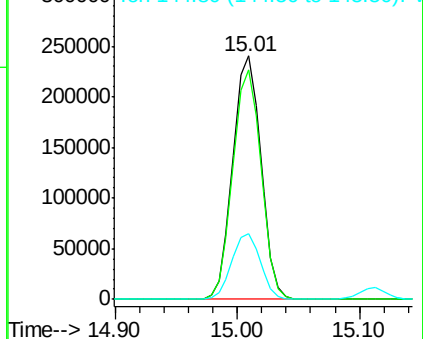
180 100

182 94.6 48.1 144.3

145 27.4 13.9 41.6



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 51.461 ug/l

RT: 15.11 min Scan# 2194

Delta R.T. 0.00 min

Lab File: VY003005.D

Acq: 29 Jun 2020 13:38

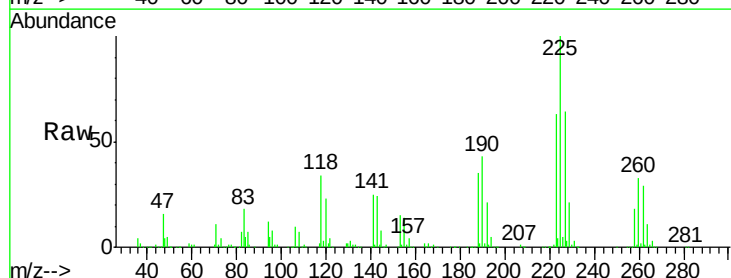
Tgt Ion:225 Resp: 238782

Ion Ratio Lower Upper

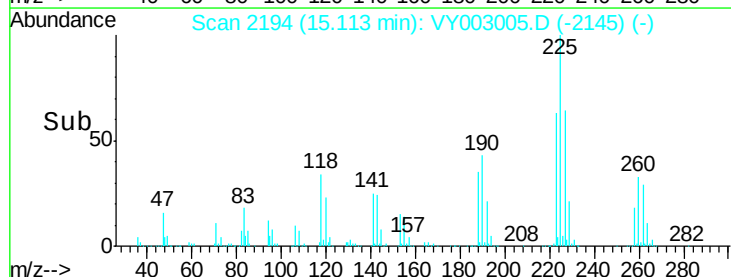
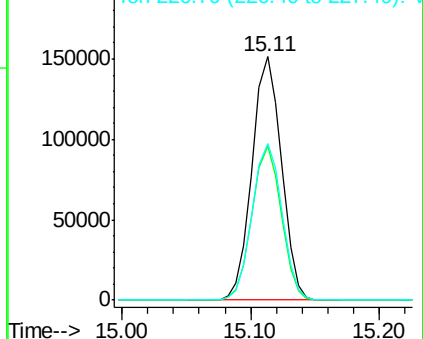
225 100

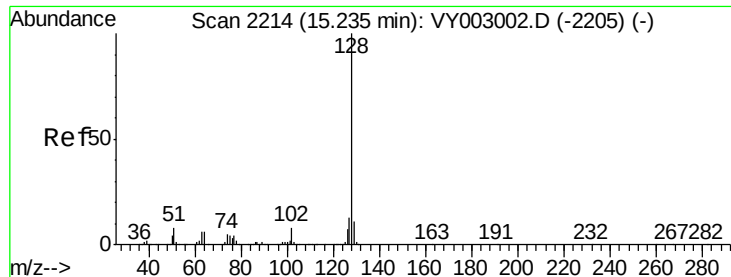
223 62.8 32.4 97.0

227 64.9 32.4 97.2



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V

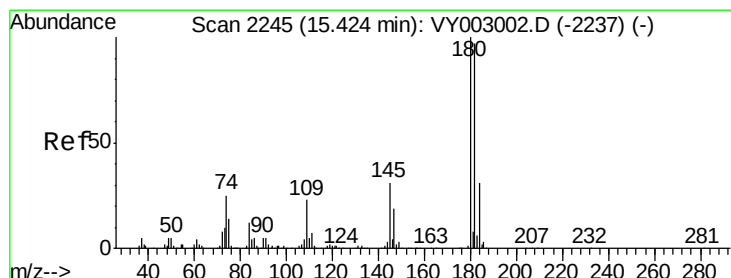
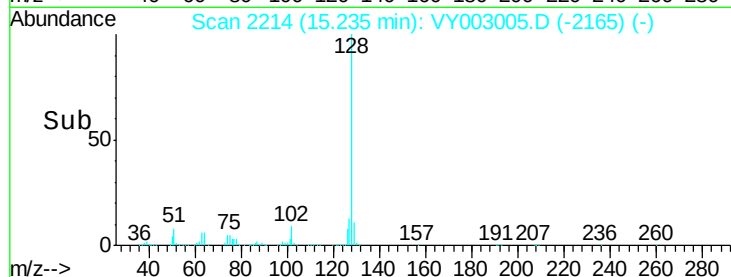
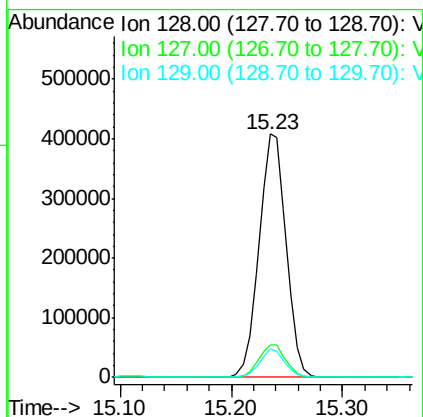
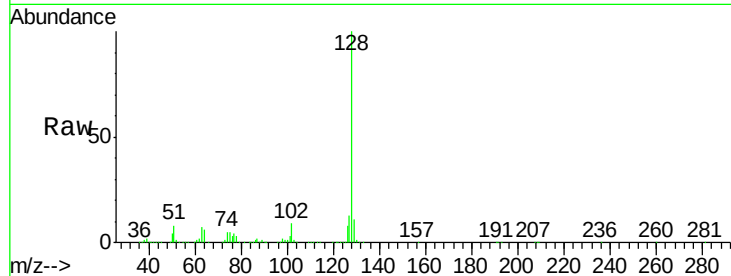




#95
Naphthalene
Concen: 51.402 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY003005.D
Acq: 29 Jun 2020 13:38

Instrument :
MSVOA_Y
ClientSampleId :
ICVY062920

Tot Ion:128 Resp: 690641
Ion Ratio Lower Upper
128 100
127 13.4 10.8 16.2
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 51.055 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY003005.D
Acq: 29 Jun 2020 13:38

Tgt Ion:180 Resp: 326124
Ion Ratio Lower Upper
180 100
182 96.4 47.8 143.3
145 29.6 14.7 44.1

