

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY052720\
 Data File : VY002761.D
 Acq On : 27 May 2020 13:40
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICSVY052720

Quant Time: May 28 04:41:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 13:13:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	361049	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	528809	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	483932	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	253895	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.14	65	156377	49.88	ug/l	0.00
Spiked Amount						
			Recovery	=	99.76%	
35) Dibromofluoromethane	7.72	113	160384	51.75	ug/l	0.00
Spiked Amount						
			Recovery	=	103.50%	
50) Toluene-d8	10.18	98	625514	49.92	ug/l	0.00
Spiked Amount						
			Recovery	=	99.84%	
62) 4-Bromofluorobenzene	12.48	95	219041	51.15	ug/l	0.00
Spiked Amount						
			Recovery	=	102.30%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	125140	50.372	ug/l	96
3) Chloromethane	2.11	50	137483	50.032	ug/l	99
4) Vinyl Chloride	2.26	62	153734	52.931	ug/l	99
5) Bromomethane	2.65	94	112594	51.730	ug/l	99
6) Chloroethane	2.80	64	97079	51.560	ug/l	98
7) Trichlorofluoromethane	3.13	101	271855	52.849	ug/l	99
8) Diethyl Ether	3.54	74	101318	50.443	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.90	101	168261	55.092	ug/l	99
10) Methyl Iodide	4.10	142	228585	53.487	ug/l	100
11) Tert butyl alcohol	4.97	59	90287	268.931	ug/l	100
12) 1,1-Dichloroethene	3.88	96	164316	53.497	ug/l	99
13) Acrolein	3.74	56	90298	245.792	ug/l	100
14) Allyl chloride	4.49	41	243419	55.257	ug/l	99
15) Acrylonitrile	5.18	53	246568	272.107	ug/l	100
16) Acetone	3.96	43	217725	296.185	ug/l	98
17) Carbon Disulfide	4.20	76	488321	52.612	ug/l	99
18) Methyl Acetate	4.49	43	102450	55.652	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	457431	53.946	ug/l	99
20) Methylene Chloride	4.72	84	185171	51.546	ug/l	99
21) trans-1,2-Dichloroethene	5.22	96	182336	52.787	ug/l	95
22) Diisopropyl ether	6.13	45	498855	54.494	ug/l	98
23) Vinyl Acetate	6.07	43	1702819	281.741	ug/l	100
24) 1,1-Dichloroethane	6.02	63	291492	54.433	ug/l	99
25) 2-Butanone	6.99	43	321773	280.956	ug/l	98
26) 2,2-Dichloropropane	6.99	77	268707	52.320	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	207265	53.600	ug/l	98
28) Bromochloromethane	7.34	49	108961	49.565	ug/l	98
29) Tetrahydrofuran	7.35	42	204907	275.057	ug/l	100
30) Chloroform	7.51	83	305494	53.761	ug/l	97
31) Cyclohexane	7.79	56	273835	51.503	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	282065	53.268	ug/l	99
36) 1,1-Dichloropropene	7.92	75	241829	54.288	ug/l	100
37) Ethyl Acetate	7.08	43	137313	56.656	ug/l	99
38) Carbon Tetrachloride	7.91	117	263136	53.174	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	317531	54.080	ug/l	98
40) Benzene	8.16	78	702411	53.365	ug/l	99
41) Methacrylonitrile	7.35	41	185134	142.189	ug/l #	31
42) 1,2-Dichloroethane	8.24	62	196419	53.248	ug/l	99
43) Isopropyl Acetate	8.28	43	255747	55.685	ug/l	100
44) Trichloroethene	8.94	130	219514	52.798	ug/l	96
45) 1,2-Dichloropropane	9.22	63	170127	53.898	ug/l	99
46) Dibromomethane	9.31	93	100417	53.567	ug/l	99
47) Bromodichloromethane	9.50	83	242275	54.822	ug/l	97
48) Methyl methacrylate	9.29	41	114609	55.278	ug/l	99
49) 1,4-Dioxane	9.30	88	30382	1055.532	ug/l	95
51) 4-Methyl-2-Pentanone	10.07	43	680332	279.743	ug/l	100
52) Toluene	10.24	92	457587	53.143	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	264288	54.753	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	298445	54.566	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	152386	53.098	ug/l	95
56) Ethyl methacrylate	10.51	69	212376	55.249	ug/l	98
57) 1,3-Dichloropropane	10.79	76	254245	53.861	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	472310	251.458	ug/l	100
59) 2-Hexanone	10.83	43	489098	283.444	ug/l	100
60) Dibromochloromethane	10.99	129	196252	53.937	ug/l	100
61) 1,2-Dibromoethane	11.09	107	153763	54.313	ug/l	100
64) Tetrachloroethene	10.72	164	228320	51.912	ug/l	100
65) Chlorobenzene	11.52	112	511578	53.485	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	194280	53.931	ug/l	99
67) Ethyl Benzene	11.59	91	895574	54.009	ug/l	100
68) m/p-Xylenes	11.70	106	693463	107.863	ug/l	100
69) o-Xylene	12.03	106	329971	54.367	ug/l	100
70) Styrene	12.05	104	568183	54.003	ug/l	100
71) Bromoform	12.20	173	133022	55.186	ug/l #	99
73) Isopropylbenzene	12.33	105	890434	54.726	ug/l	100
74) N-amyl acetate	12.14	43	239226	57.303	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	162929	57.072	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	239302	104.601	ug/l #	100
77) Bromobenzene	12.61	156	228153	53.852	ug/l	98
78) n-propylbenzene	12.67	91	1033244	54.976	ug/l	100
79) 2-Chlorotoluene	12.75	91	574466	54.489	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	745286	54.860	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	69985	57.633	ug/l	98
82) 4-Chlorotoluene	12.85	91	605028	54.775	ug/l	100
83) tert-Butylbenzene	13.08	119	661437	54.582	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	743213	54.408	ug/l	99
85) sec-Butylbenzene	13.25	105	901318	54.397	ug/l	100
86) p-Isopropyltoluene	13.37	119	844775	54.793	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	431828	53.810	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	434059	54.070	ug/l	99
89) n-Butylbenzene	13.70	91	769866	55.000	ug/l	100
90) Hexachloroethane	13.96	117	158160	54.796	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	394455	54.199	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	31485	57.325	ug/l	95

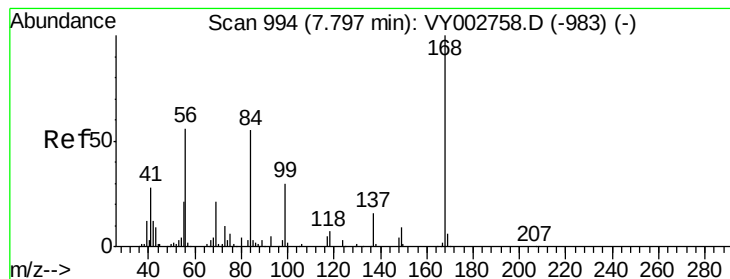
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	293398	53.484	ug/l	98
94) Hexachlorobutadiene	15.11	225	166732	53.587	ug/l	99
95) Naphthalene	15.23	128	604686	54.976	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	264312	53.955	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: VY002761.D

Acq: 27 May 2020 13:40

Instrument :

MSVOA_Y

ClientSampleId :

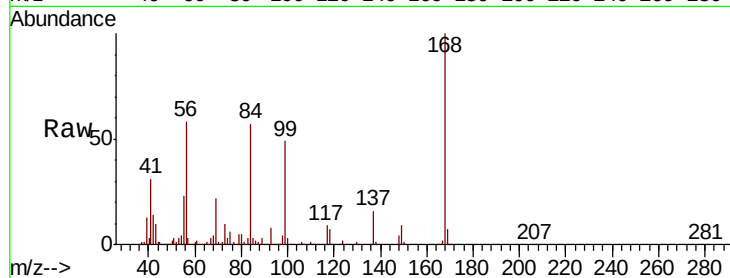
ICVVY052720

Tot Ion:168 Resp: 361049

Ion Ratio Lower Upper

168 100

99 48.6 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): VY002758.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY002758.D (-983) (-)

7.80

150000

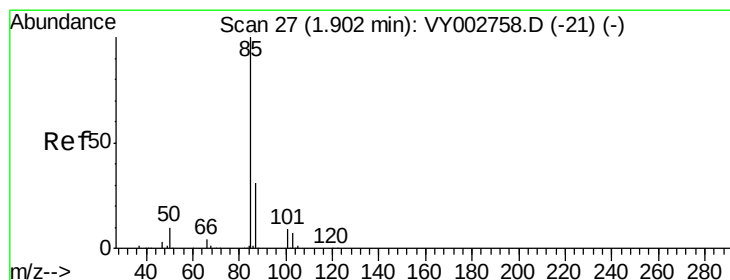
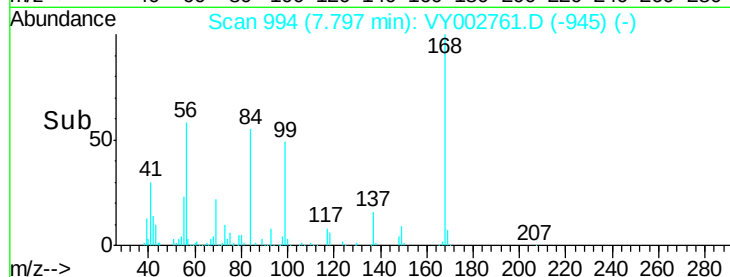
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 50.372 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY002761.D

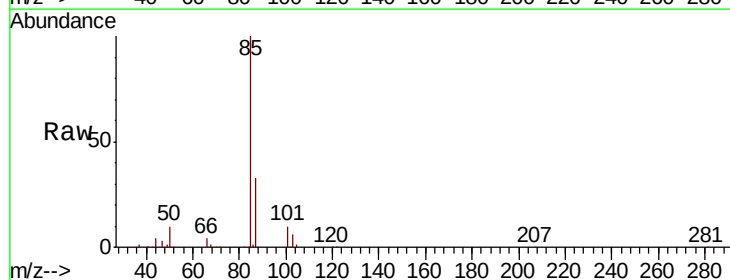
Acq: 27 May 2020 13:40

Tgt Ion: 85 Resp: 125140

Ion Ratio Lower Upper

85 100

87 33.1 15.5 46.5



Abundance Ion 84.90 (84.60 to 85.60): VY002758.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY002758.D (-21) (-)

1.91

100000

80000

60000

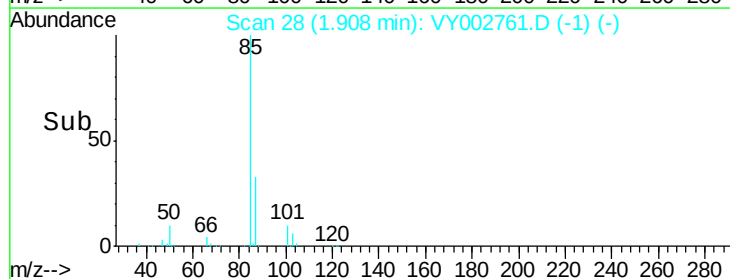
40000

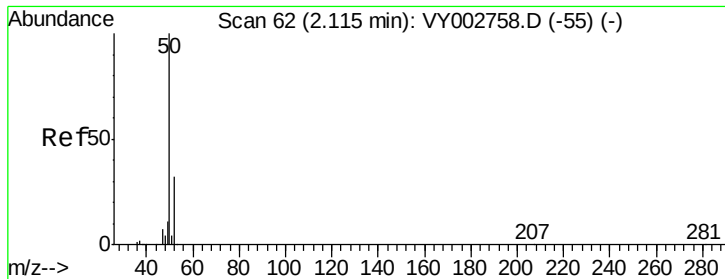
20000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 50.032 ug/l

RT: 2.11 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY002761.D

Acq: 27 May 2020 13:40

Instrument :

MSVOA_Y

ClientSampleId :

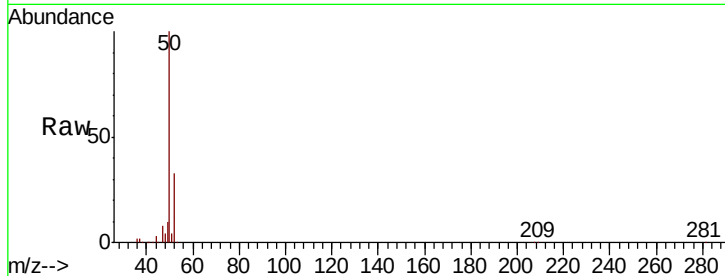
ICVY052720

Tot Ion: 50 Resp: 137483

Ion Ratio Lower Upper

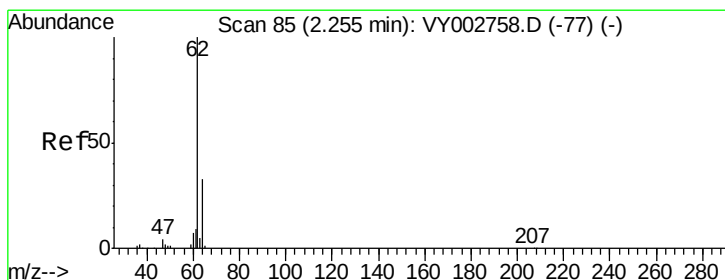
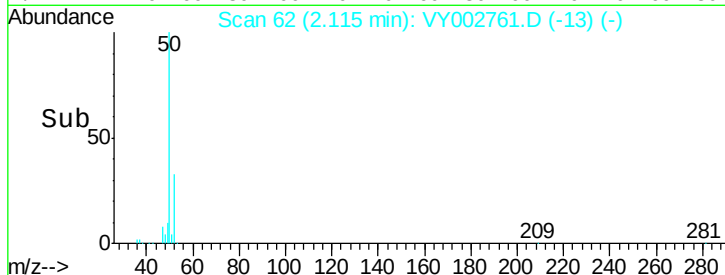
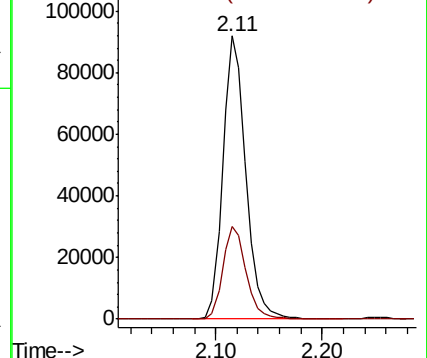
50 100

52 32.7 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 52.931 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.00 min

Lab File: VY002761.D

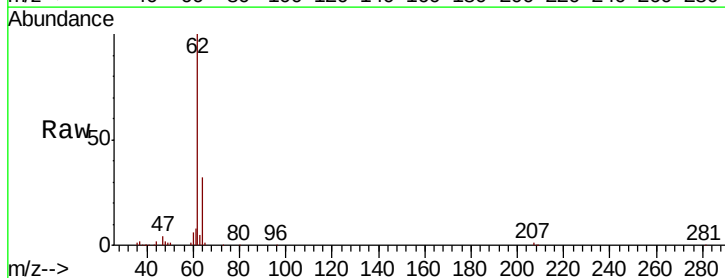
Acq: 27 May 2020 13:40

Tgt Ion: 62 Resp: 153734

Ion Ratio Lower Upper

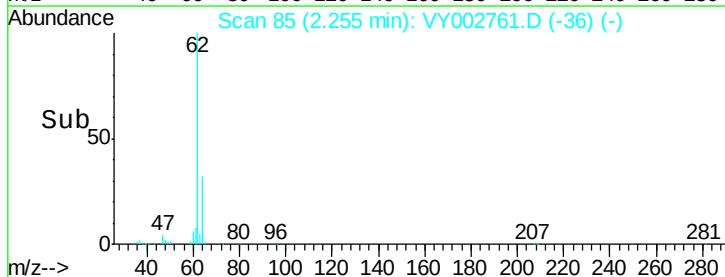
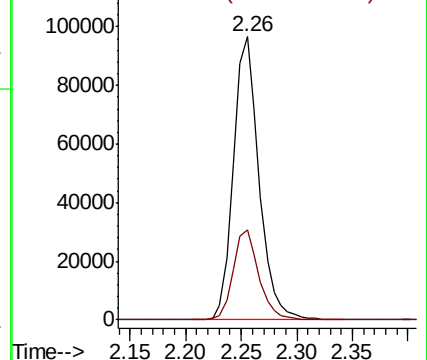
62 100

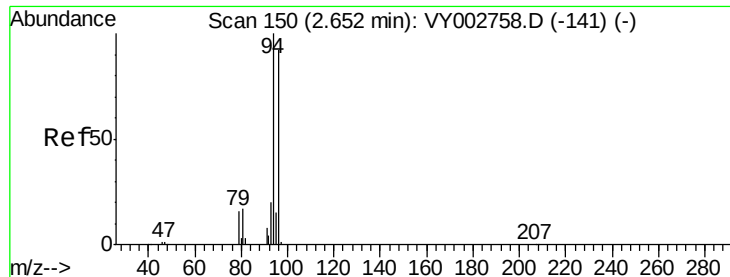
64 31.8 26.1 39.1



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 51.730 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.00 min

Lab File: VY002761.D

Acq: 27 May 2020 13:40

Instrument :

MSVOA_Y

ClientSampleId :

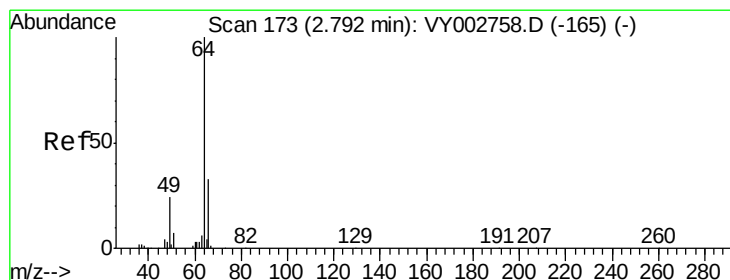
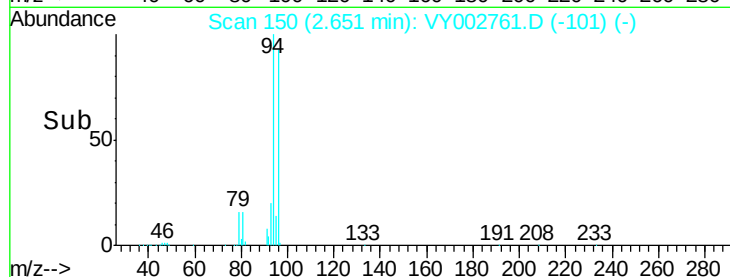
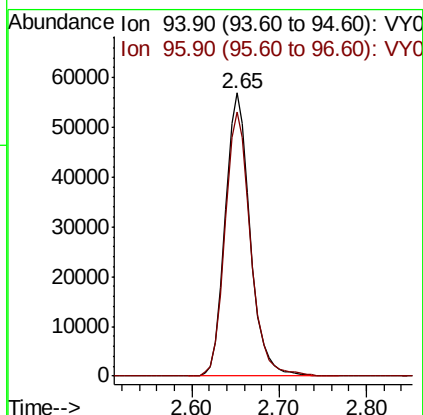
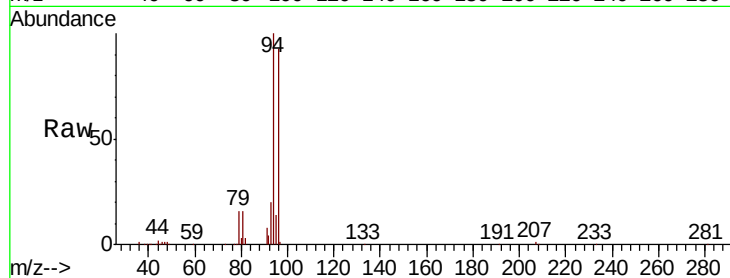
ICVY052720

Tot Ion: 94 Resp: 112594

Ion Ratio Lower Upper

94 100

96 93.2 73.7 110.5



#6

Chloroethane

Concen: 51.560 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.01 min

Lab File: VY002761.D

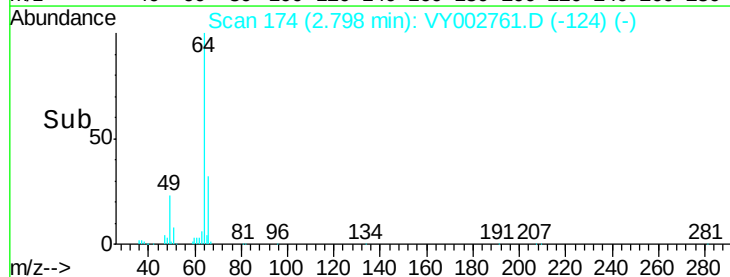
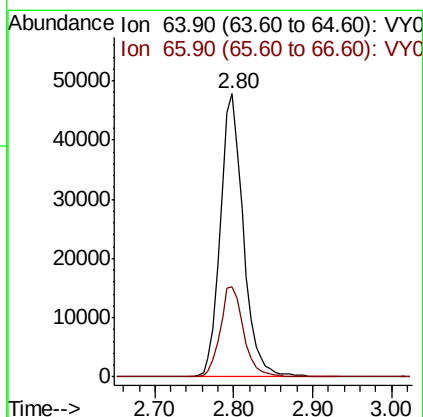
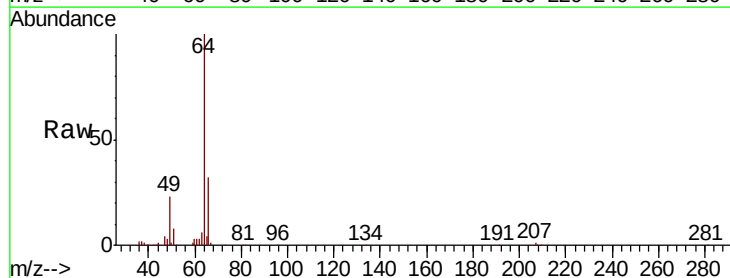
Acq: 27 May 2020 13:40

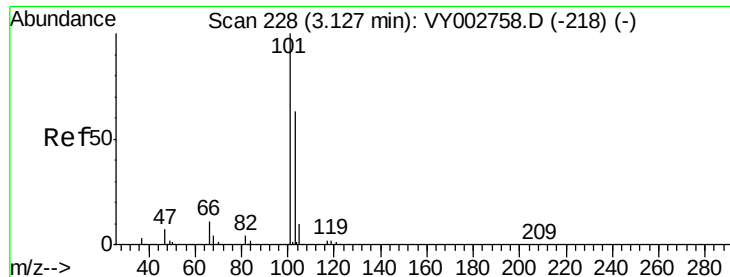
Tgt Ion: 64 Resp: 97079

Ion Ratio Lower Upper

64 100

66 31.8 26.4 39.6



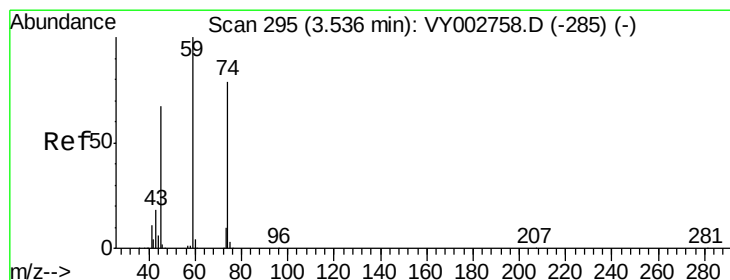
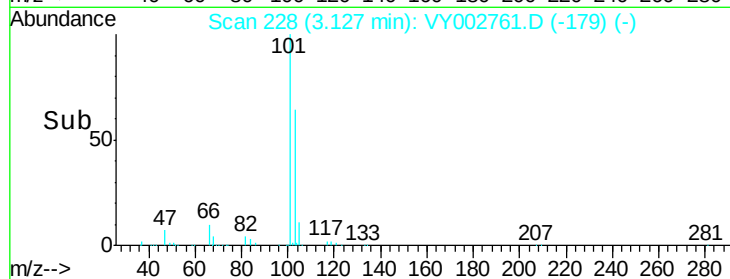
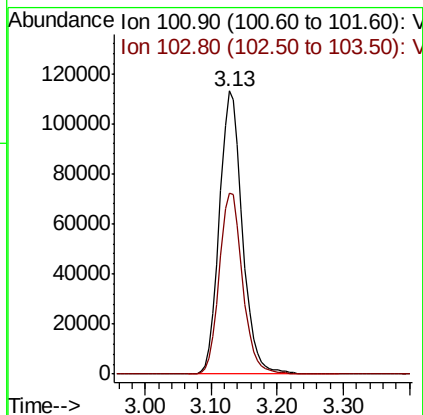
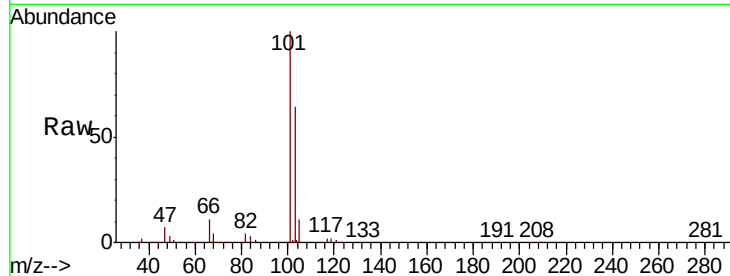


#7

Trichlorofluoromethane
 Concen: 52.849 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.00 min
 Lab File: VY002761.D
 Acq: 27 May 2020 13:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY052720

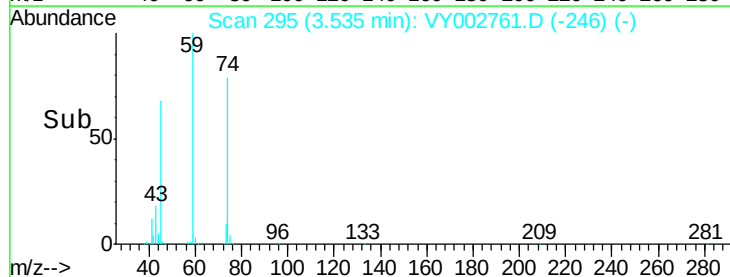
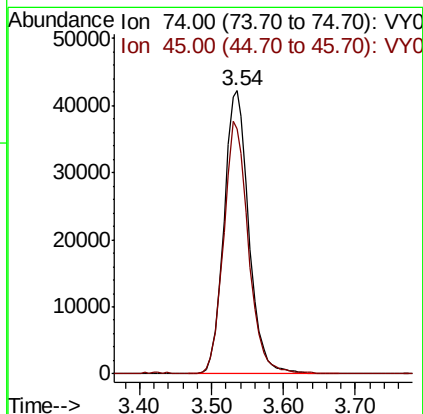
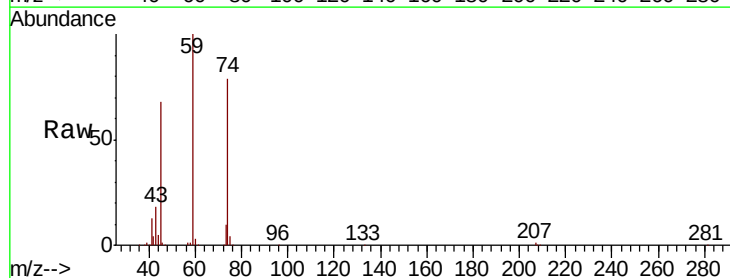
Tot Ion:101 Resp: 271855
 Ion Ratio Lower Upper
 101 100
 103 64.1 50.6 76.0

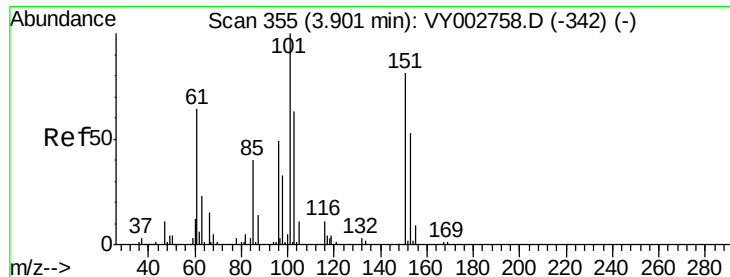


#8

Diethyl Ether
 Concen: 50.443 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. -0.00 min
 Lab File: VY002761.D
 Acq: 27 May 2020 13:40

Tgt Ion: 74 Resp: 101318
 Ion Ratio Lower Upper
 74 100
 45 89.2 44.0 131.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 55.092 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.00 min

Lab File: VY002761.D

Acq: 27 May 2020 13:40

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY052720

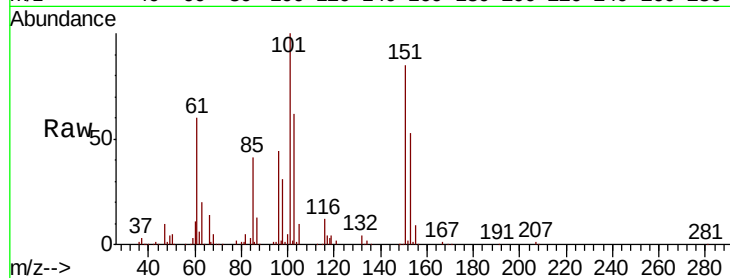
Tot Ion:101 Resp: 168261

Ion Ratio Lower Upper

101 100

85 41.7 32.7 49.1

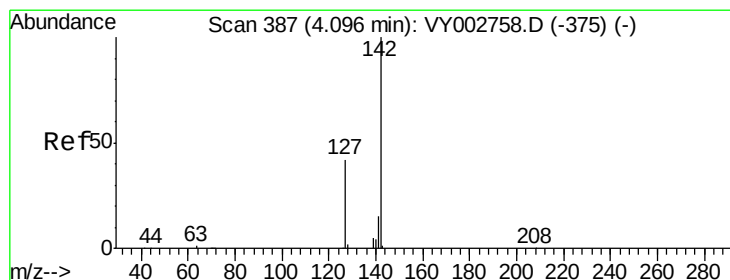
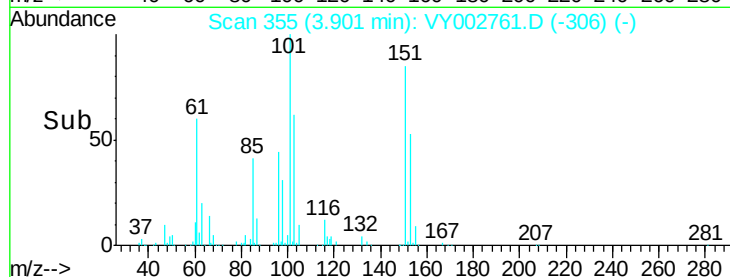
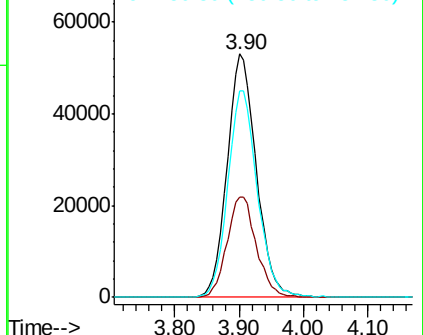
151 85.9 68.0 102.0



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: 53.487 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.00 min

Lab File: VY002761.D

Acq: 27 May 2020 13:40

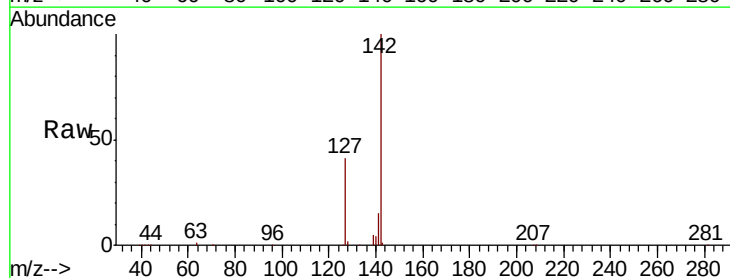
Tgt Ion:142 Resp: 228585

Ion Ratio Lower Upper

142 100

127 41.6 33.3 49.9

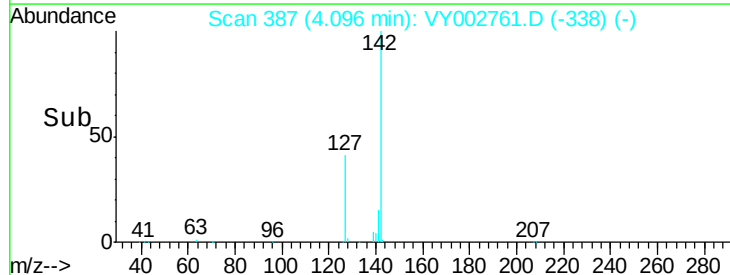
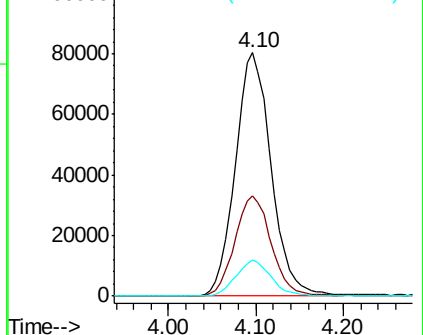
141 14.4 11.5 17.3

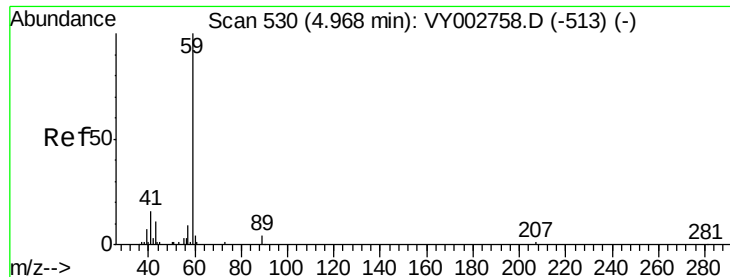


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



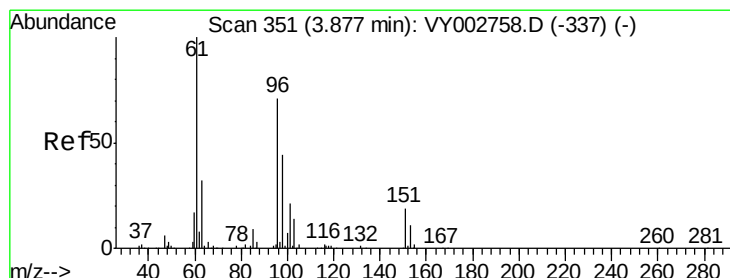
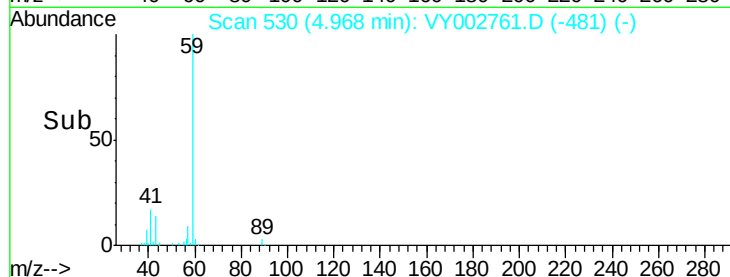
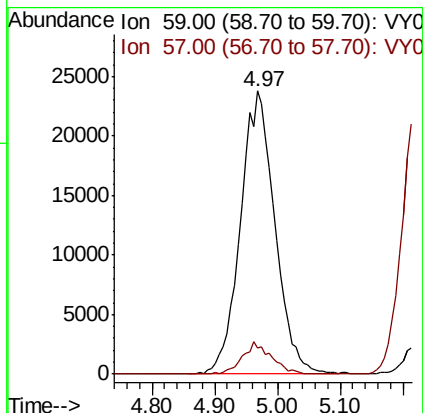
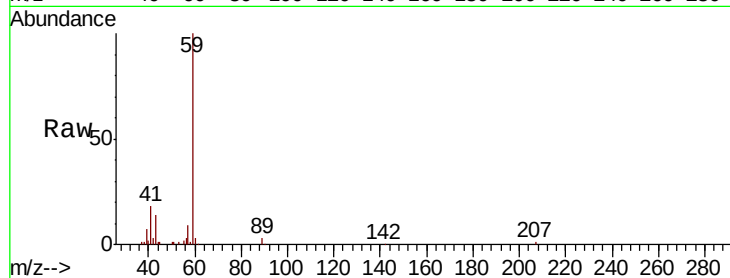


#11

Tert butyl alcohol
 Concen: 268.931 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. 0.00 min
 Lab File: VY002761.D
 Acq: 27 May 2020 13:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY052720

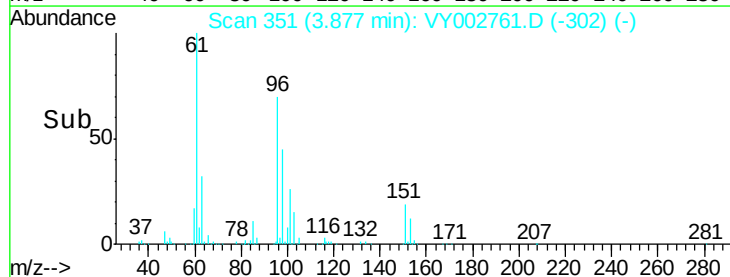
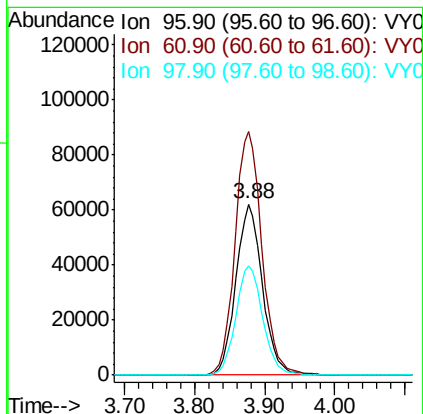
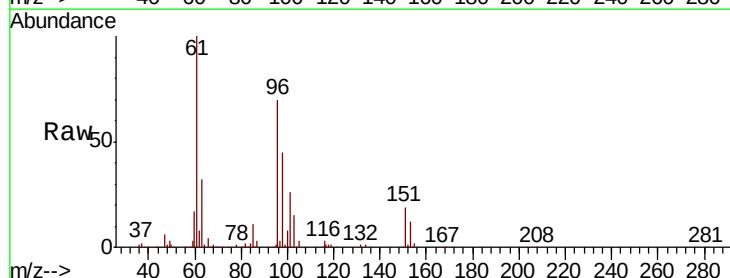
Tot Ion: 59 Resp: 90287
 Ion Ratio Lower Upper
 59 100
 57 9.7 7.7 11.5

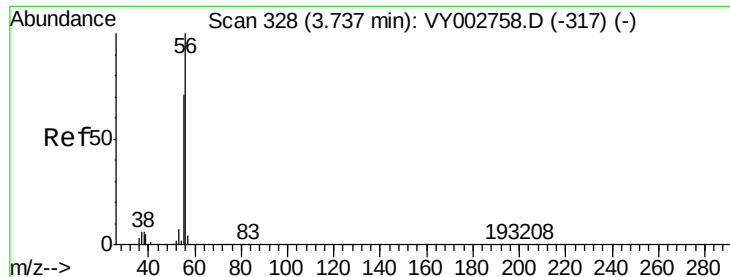


#12

1,1-Dichloroethene
 Concen: 53.497 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VY002761.D
 Acq: 27 May 2020 13:40

Tgt Ion: 96 Resp: 164316
 Ion Ratio Lower Upper
 96 100
 61 142.3 112.6 168.8
 98 63.7 50.0 75.0





#13

Acrolein

Concen: 245.792 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.00 min

Lab File: VY002761.D

Acq: 27 May 2020 13:40

Instrument :

MSVOA_Y

ClientSampleId :

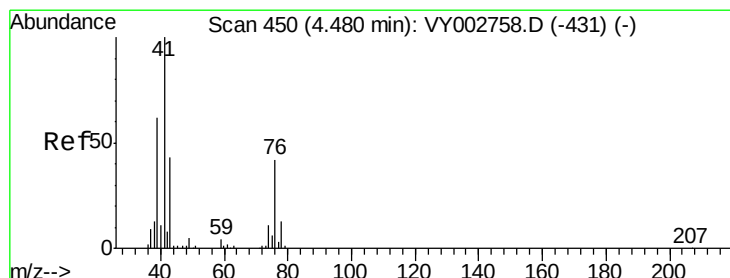
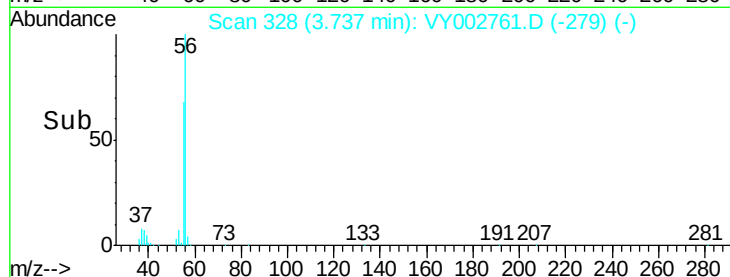
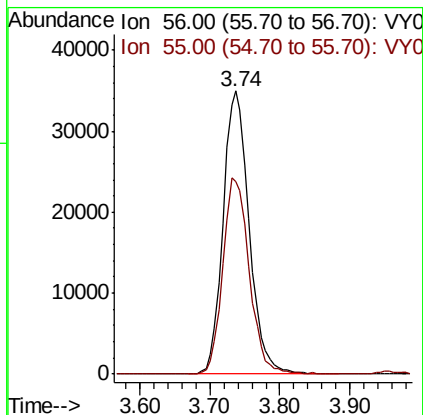
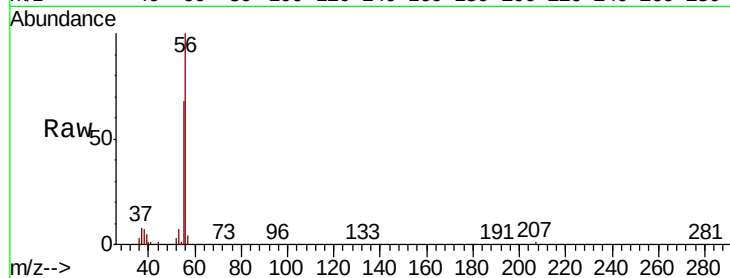
ICVVY052720

Tot Ion: 56 Resp: 90298

Ion Ratio Lower Upper

56 100

55 70.3 56.0 84.0



#14

Allyl chloride

Concen: 55.257 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY002761.D

Acq: 27 May 2020 13:40

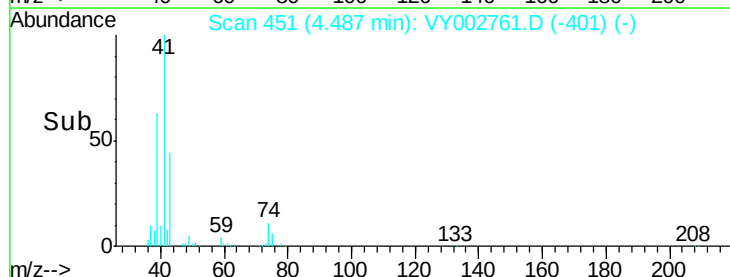
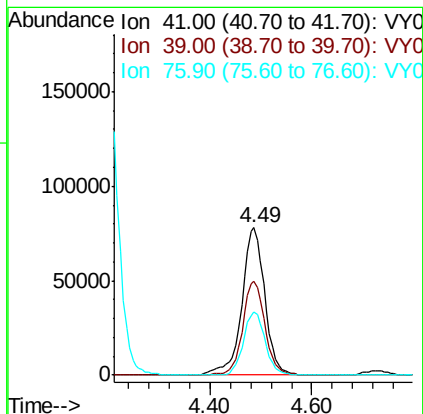
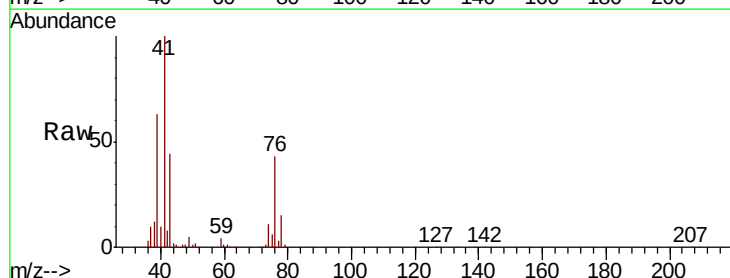
Tgt Ion: 41 Resp: 243419

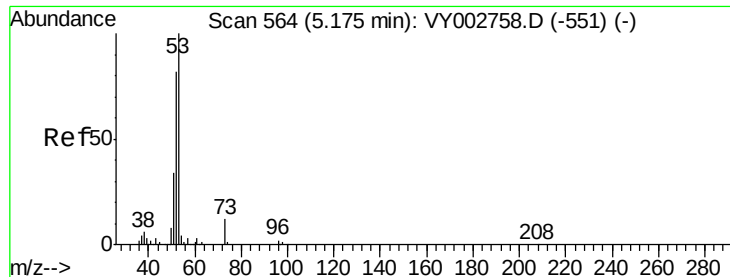
Ion Ratio Lower Upper

41 100

39 61.7 49.9 74.9

76 40.6 33.2 49.8





#15

Acrylonitrile

Concen: 272.107 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.00 min

Lab File: VY002761.D

Acq: 27 May 2020 13:40

Instrument :

MSVOA_Y

ClientSampleId :

ICVY052720

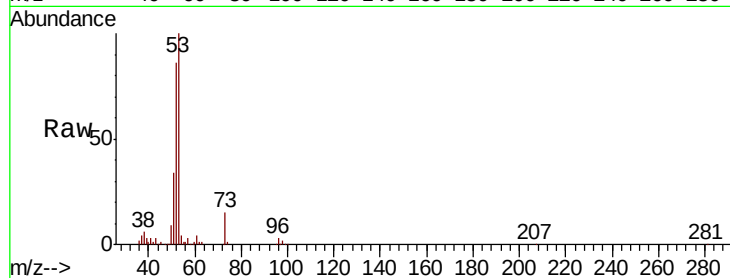
Tot Ion: 53 Resp: 246568

Ion Ratio Lower Upper

53 100

52 81.9 65.3 97.9

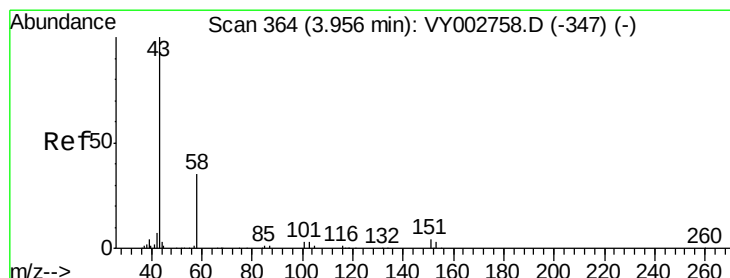
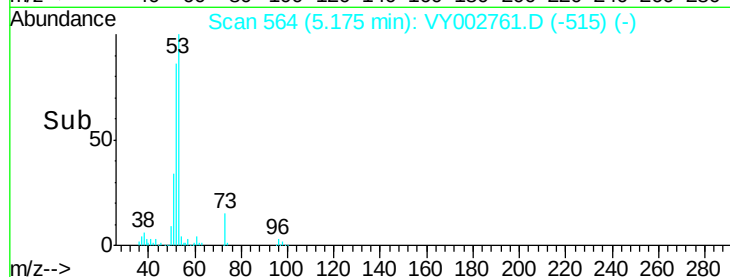
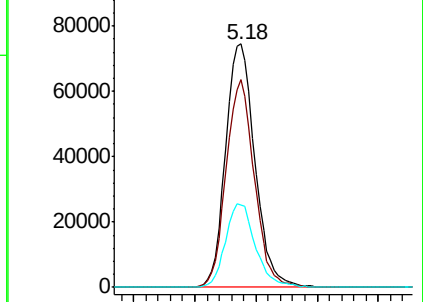
51 35.2 28.0 42.0



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: 296.185 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.00 min

Lab File: VY002761.D

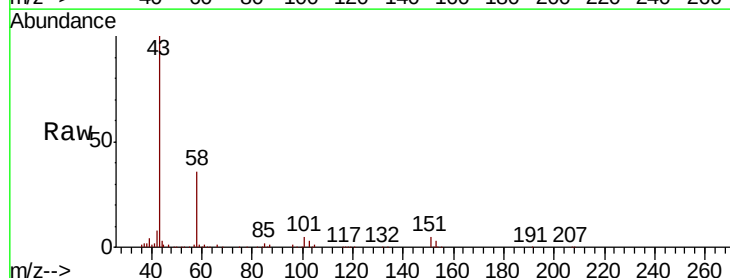
Acq: 27 May 2020 13:40

Tgt Ion: 43 Resp: 217725

Ion Ratio Lower Upper

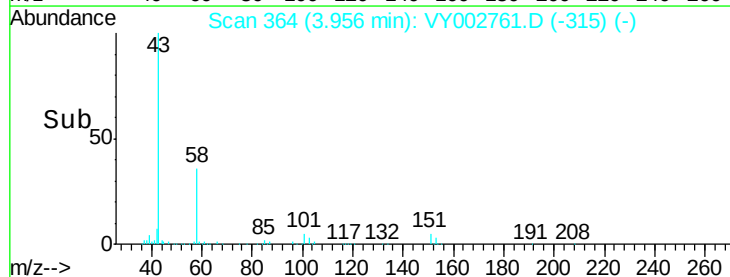
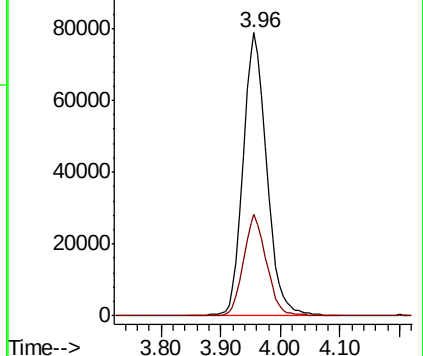
43 100

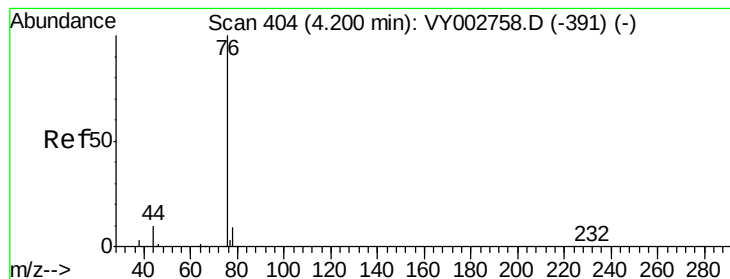
58 36.0 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0





#17

Carbon Disulfide

Concen: 52.612 ug/l

RT: 4.20 min Scan# 404

Delta R.T. -0.00 min

Lab File: VY002761.D

Acq: 27 May 2020 13:40

Instrument :

MSVOA_Y

ClientSampleId :

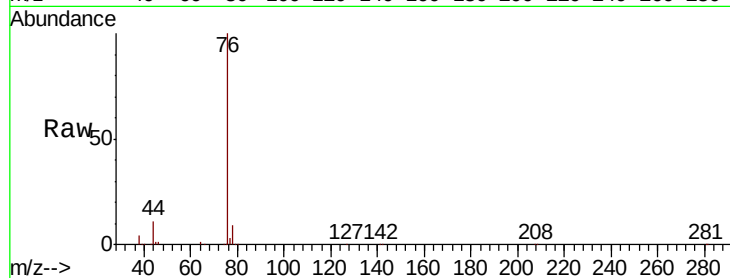
ICVY052720

Tot Ion: 76 Resp: 488321

Ion Ratio Lower Upper

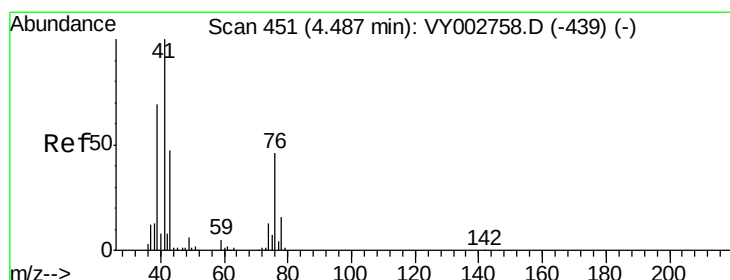
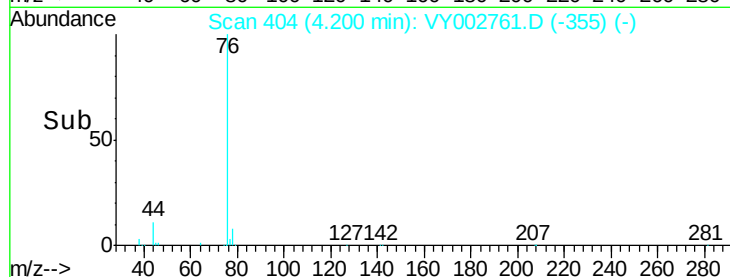
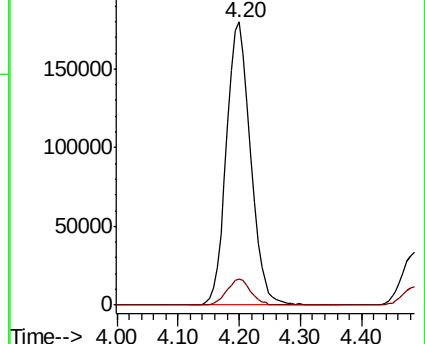
76 100

78 9.1 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 55.652 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY002761.D

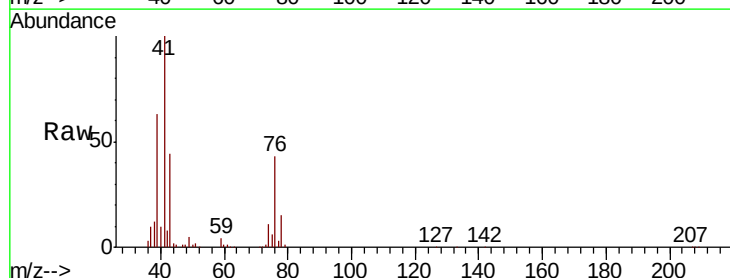
Acq: 27 May 2020 13:40

Tgt Ion: 43 Resp: 102450

Ion Ratio Lower Upper

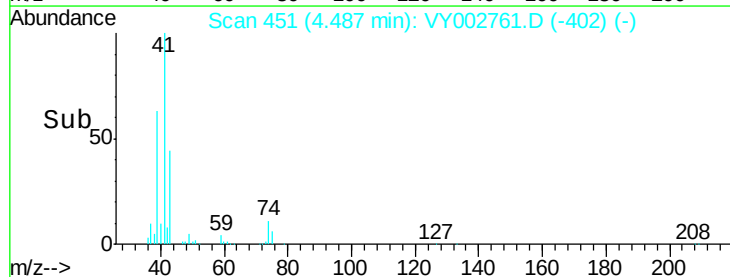
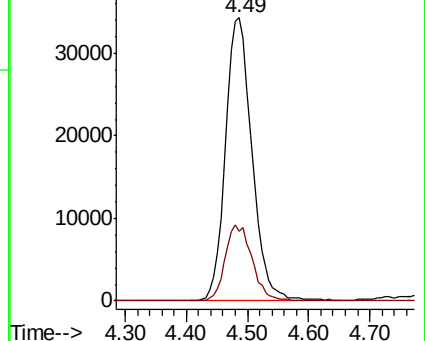
43 100

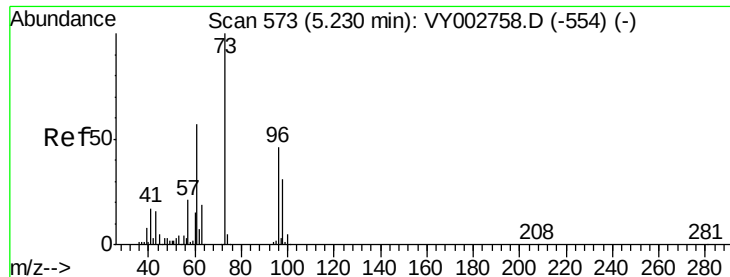
74 27.2 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0



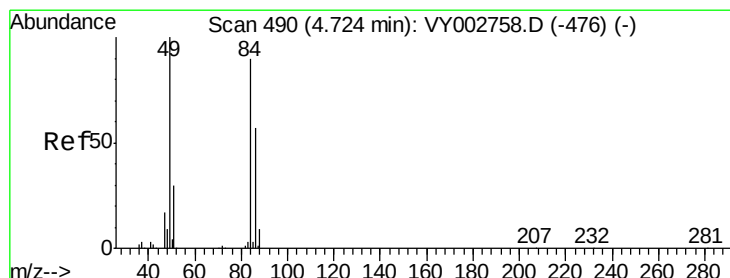
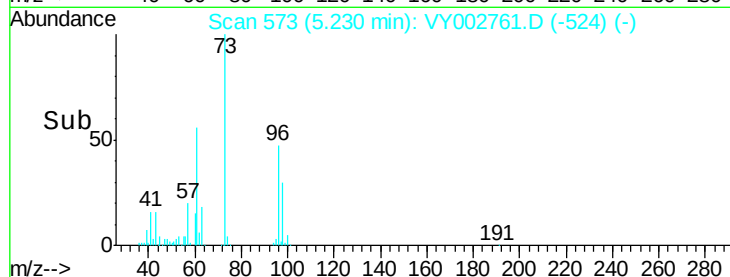
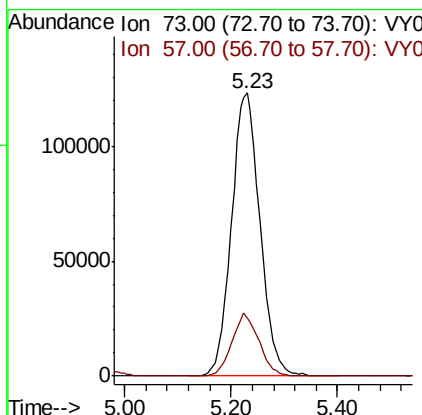
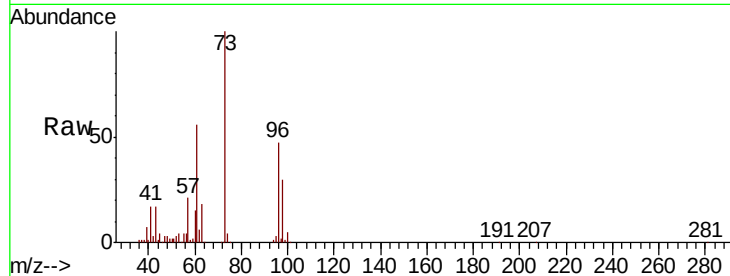


#19

Methyl tert-butyl Ether
 Concen: 53.946 ug/l
 RT: 5.23 min Scan# 573
 Delta R.T. -0.00 min
 Lab File: VY002761.D
 Acq: 27 May 2020 13:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY052720

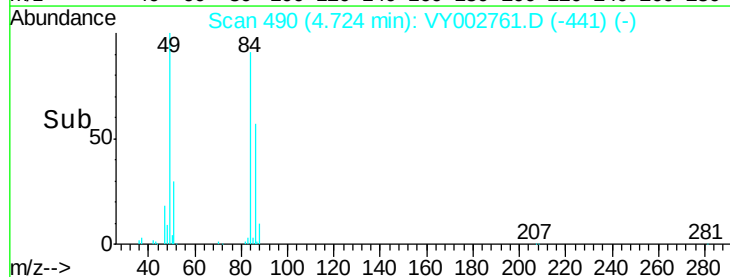
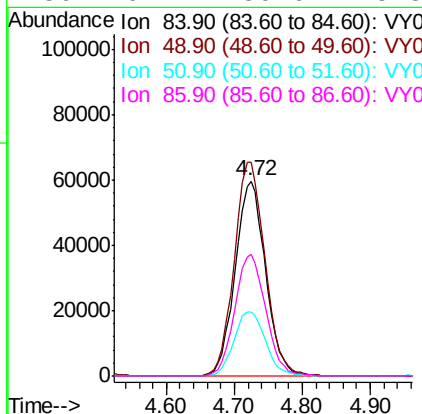
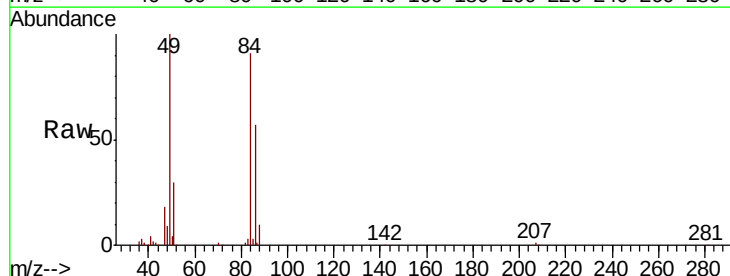
Tot Ion: 73 Resp: 457431
 Ion Ratio Lower Upper
 73 100
 57 20.7 17.0 25.4

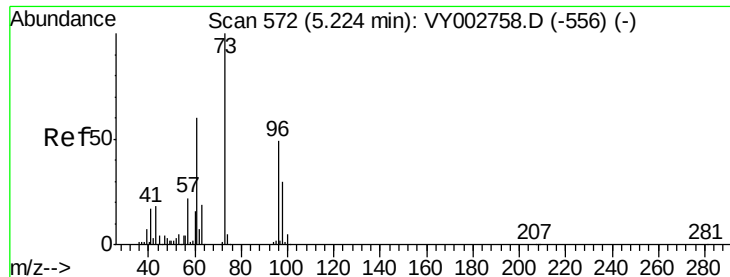


#20

Methylene Chloride
 Concen: 51.546 ug/l
 RT: 4.72 min Scan# 490
 Delta R.T. -0.00 min
 Lab File: VY002761.D
 Acq: 27 May 2020 13:40

Tgt Ion: 84 Resp: 185171
 Ion Ratio Lower Upper
 84 100
 49 109.4 88.5 132.7
 51 33.0 26.8 40.2
 86 62.4 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 52.787 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.00 min

Lab File: VY002761.D

Acq: 27 May 2020 13:40

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY052720

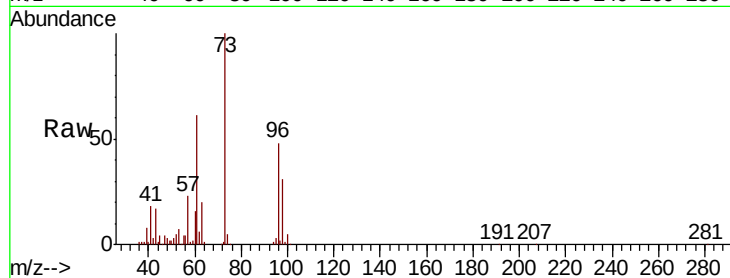
Tot Ion: 96 Resp: 182336

Ion Ratio Lower Upper

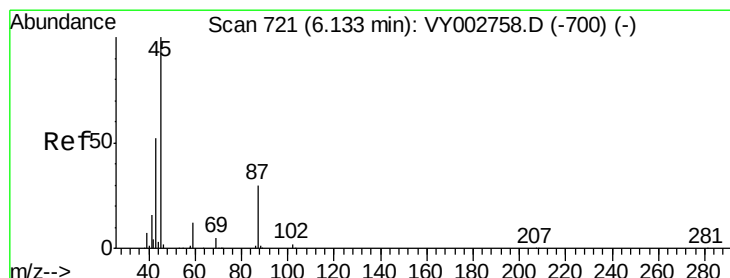
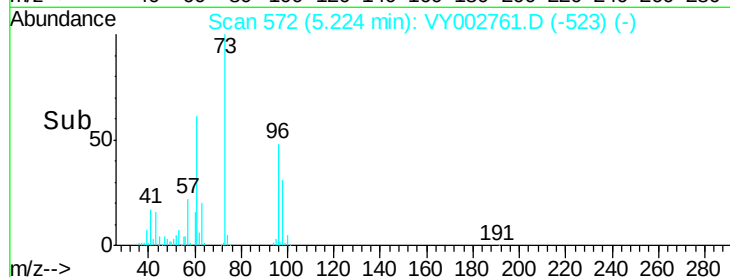
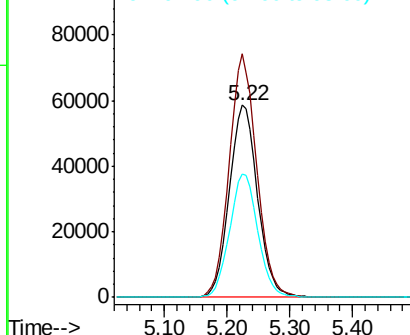
96 100

61 126.8 96.8 145.2

98 64.4 49.4 74.0



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



#22

Diisopropyl ether

Concen: 54.494 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY002761.D

Acq: 27 May 2020 13:40

Tgt Ion: 45 Resp: 498855

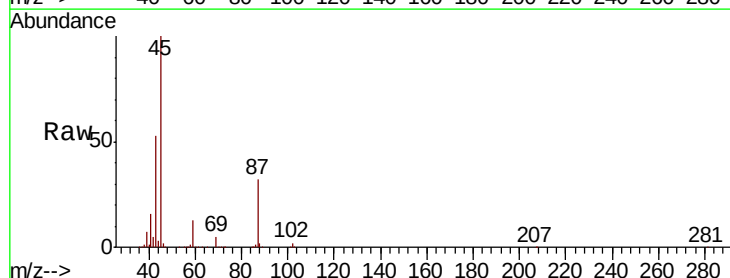
Ion Ratio Lower Upper

45 100

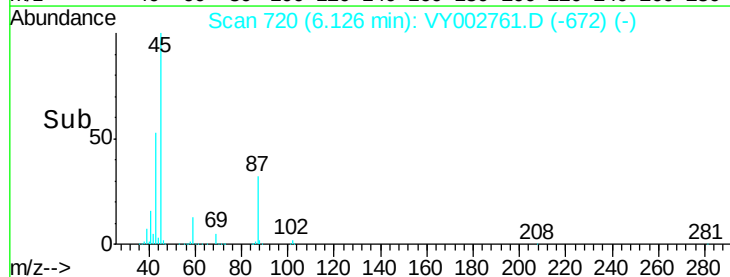
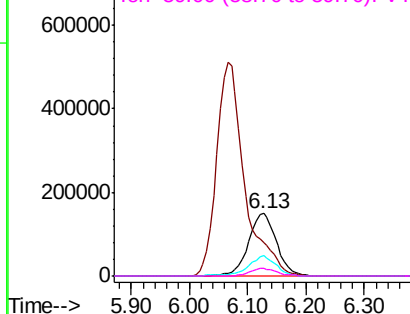
43 53.1 41.7 62.5

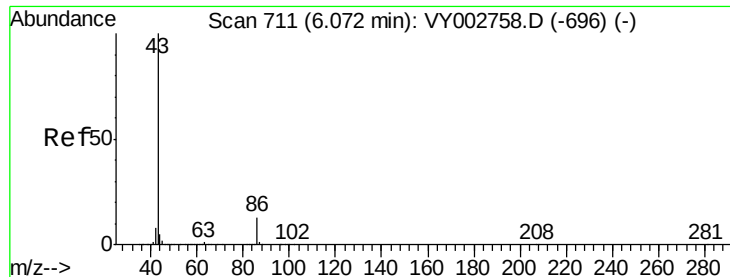
87 31.8 24.2 36.2

59 12.7 9.8 14.8



Abundance Ion 45.00 (44.70 to 45.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 87.00 (86.70 to 87.70): VY0
Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 281.741 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY002761.D

Acq: 27 May 2020 13:40

Instrument :

MSVOA_Y

ClientSampleId :

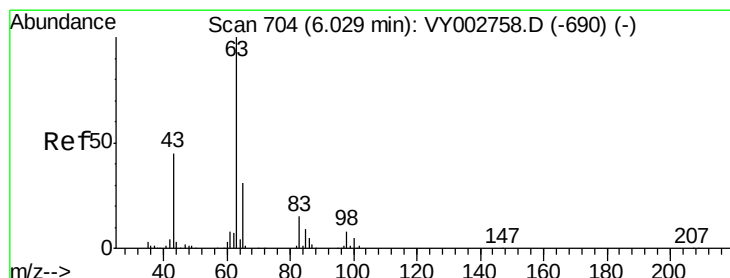
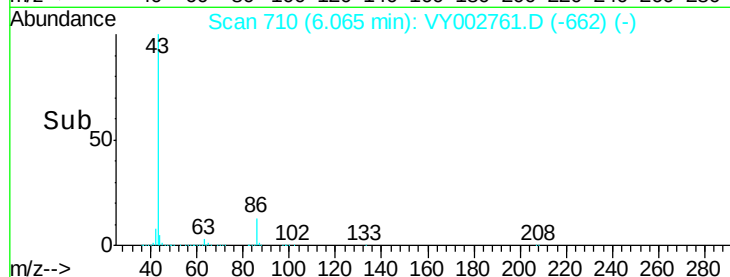
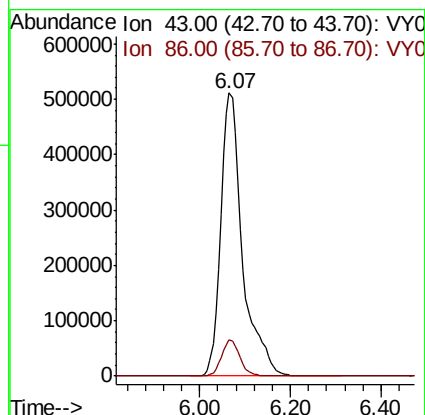
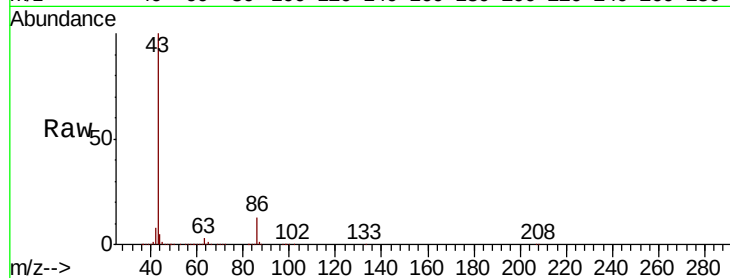
ICVY052720

Tot Ion: 43 Resp: 1702819

Ion Ratio Lower Upper

43 100

86 12.7 10.2 15.2



#24

1,1-Dichloroethane

Concen: 54.433 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY002761.D

Acq: 27 May 2020 13:40

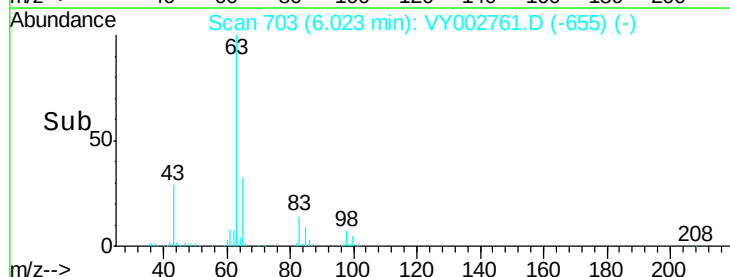
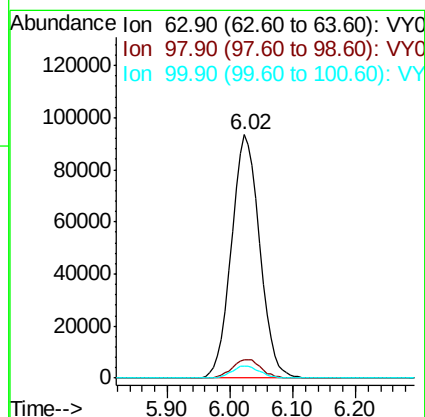
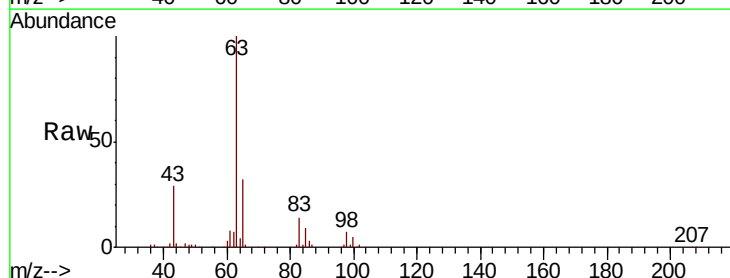
Tgt Ion: 63 Resp: 291492

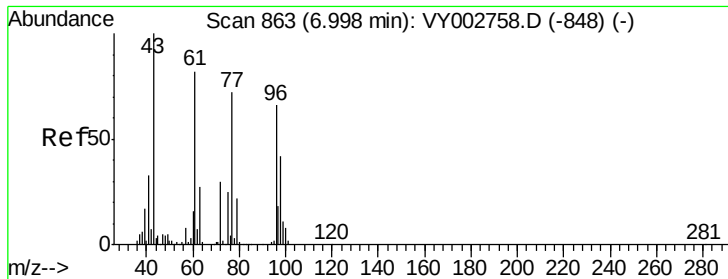
Ion Ratio Lower Upper

63 100

98 7.4 4.0 12.2

100 4.8 2.4 7.1

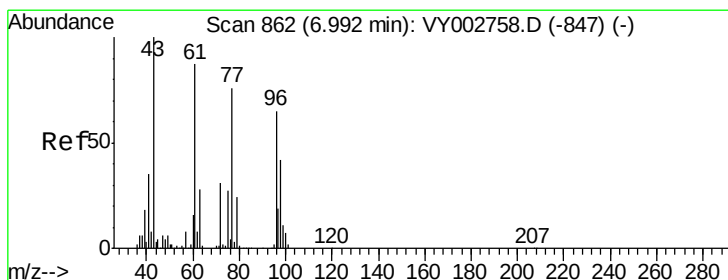
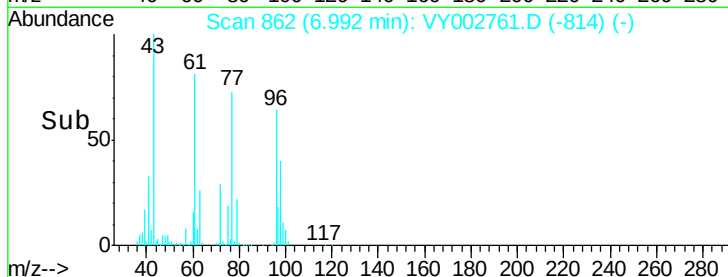
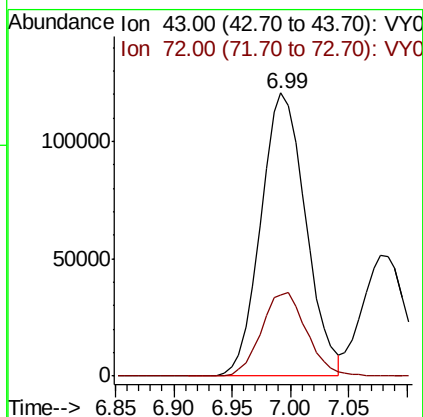
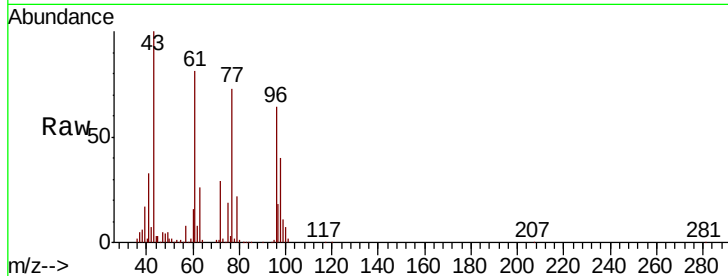




#25
 2-Butanone
 Concen: 280.956 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VY002761.D
 Acq: 27 May 2020 13:40

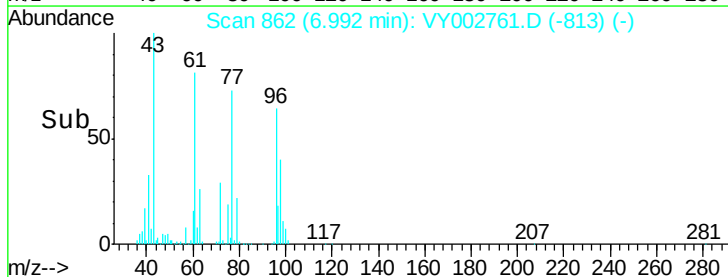
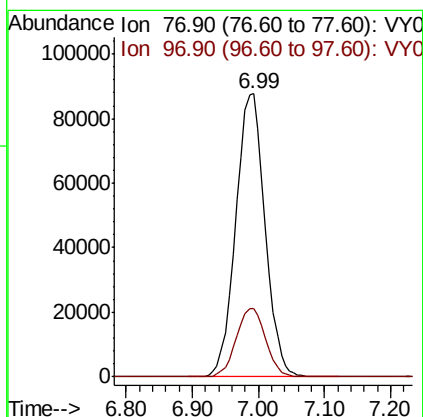
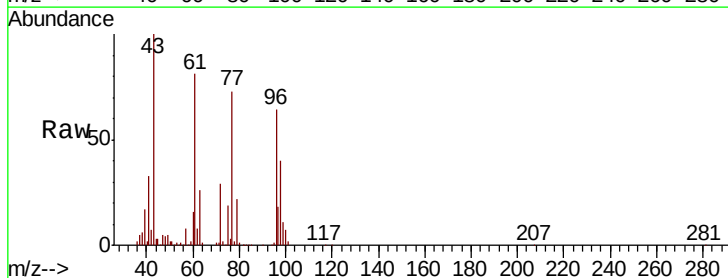
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY052720

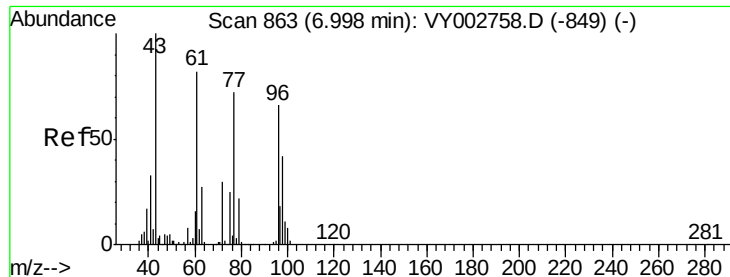
Tot Ion: 43 Resp: 321773
 Ion Ratio Lower Upper
 43 100
 72 28.9 23.9 35.9



#26
 2,2-Dichloropropane
 Concen: 52.320 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.00 min
 Lab File: VY002761.D
 Acq: 27 May 2020 13:40

Tgt Ion: 77 Resp: 268707
 Ion Ratio Lower Upper
 77 100
 97 24.4 12.2 36.6



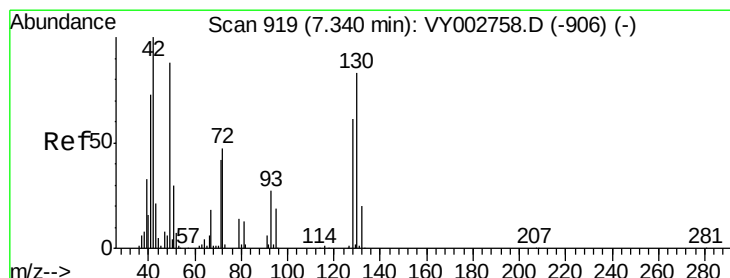
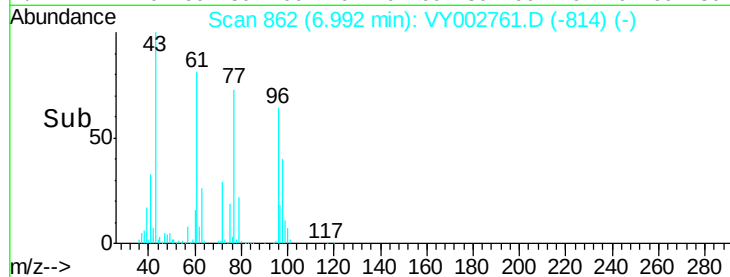
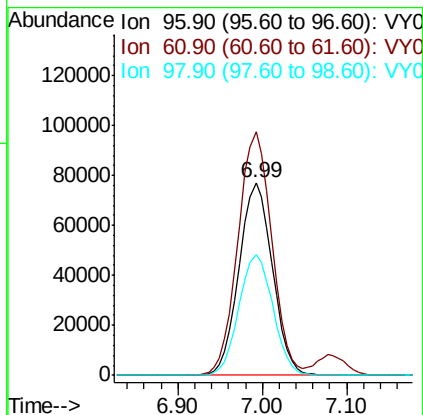
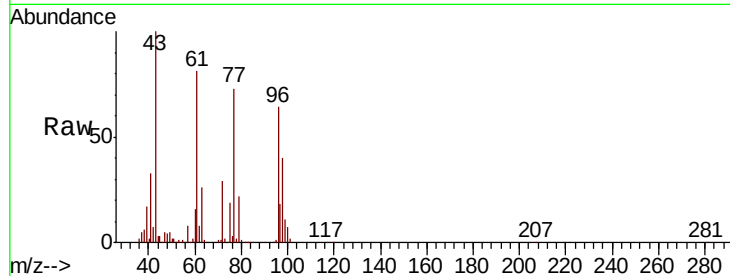


#27

cis-1,2-Dichloroethene
 Concen: 53.600 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VY002761.D
 Acq: 27 May 2020 13:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY052720

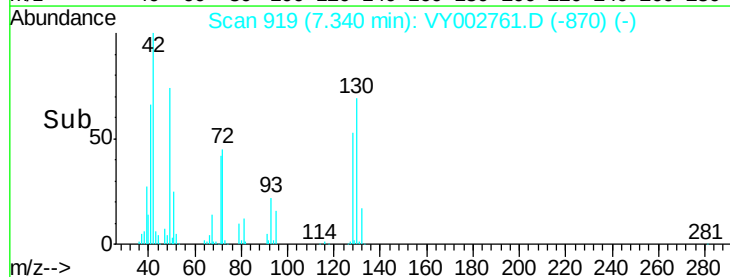
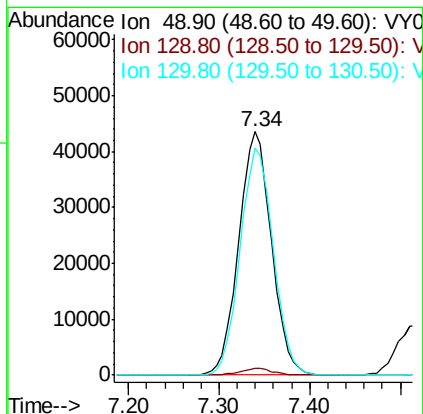
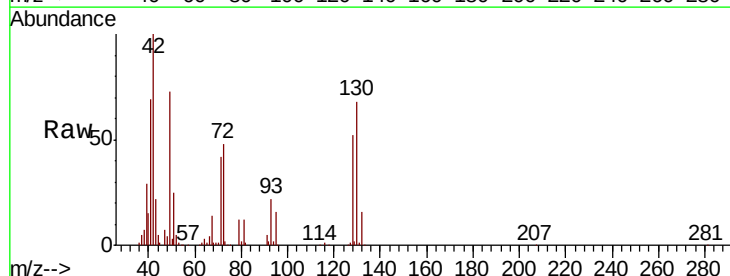
Tot Ion	96	Resp	207	265
Ion	Ratio	Lower	Upper	
96	100			
61	127.7	0.0	260.2	
98	63.6	0.0	128.2	

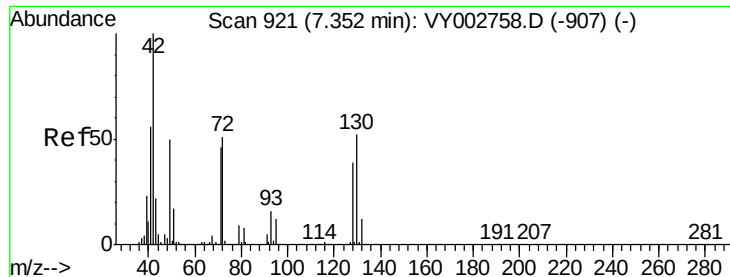


#28

Bromochloromethane
 Concen: 49.565 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: VY002761.D
 Acq: 27 May 2020 13:40

Tgt Ion	49	Resp	108	961
Ion	Ratio	Lower	Upper	
49	100			
129	2.5	0.0	5.2	
130	94.5	77.1	115.7	





#29

Tetrahydrofuran

Concen: 275.057 ug/l

RT: 7.35 min Scan# 921

Delta R.T. -0.00 min

Lab File: VY002761.D

Acq: 27 May 2020 13:40

Instrument :

MSVOA_Y

ClientSampleId :

ICVY052720

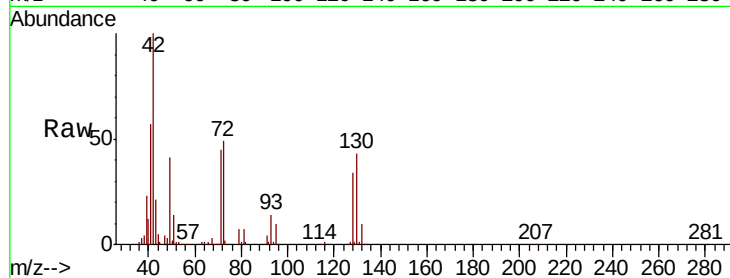
Tot Ion: 42 Resp: 204907

Ion Ratio Lower Upper

42 100

72 48.2 38.6 58.0

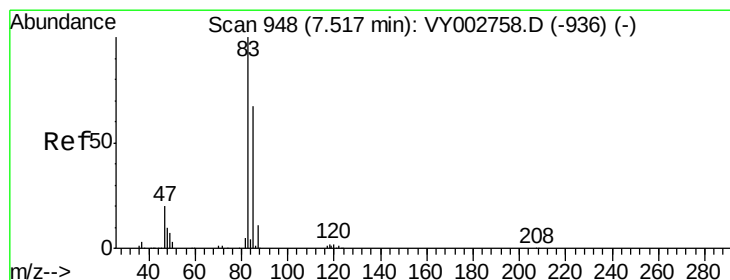
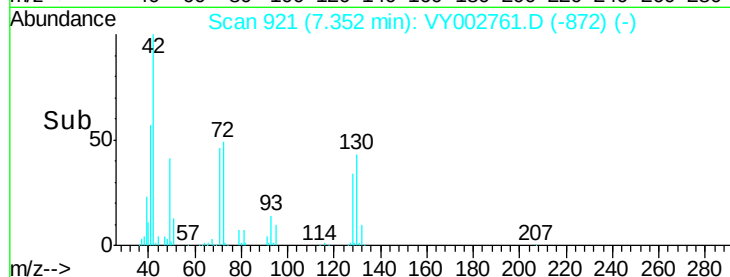
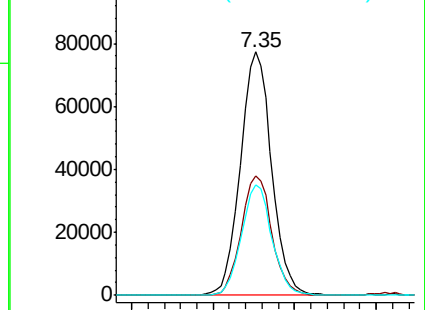
71 44.3 35.8 53.8



Abundance Ion 42.00 (41.70 to 42.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

Ion 71.00 (70.70 to 71.70): VY0



#30

Chloroform

Concen: 53.761 ug/l

RT: 7.51 min Scan# 947

Delta R.T. -0.01 min

Lab File: VY002761.D

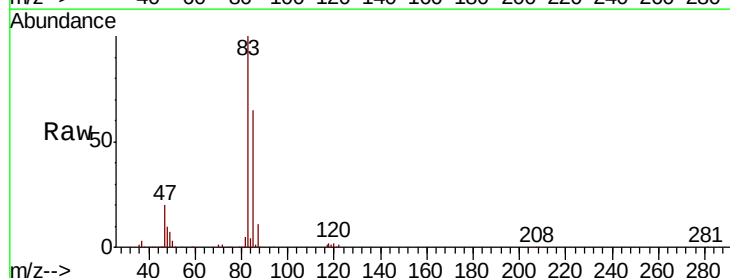
Acq: 27 May 2020 13:40

Tgt Ion: 83 Resp: 305494

Ion Ratio Lower Upper

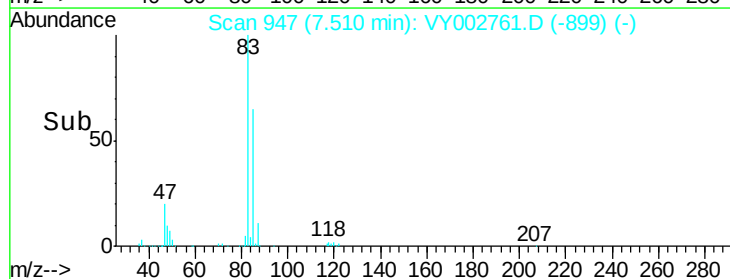
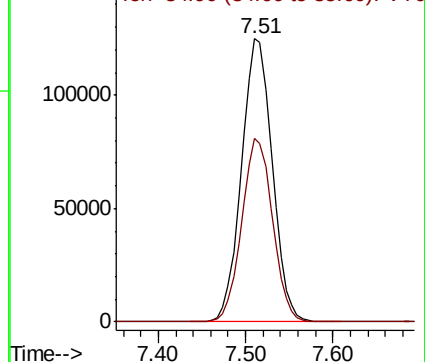
83 100

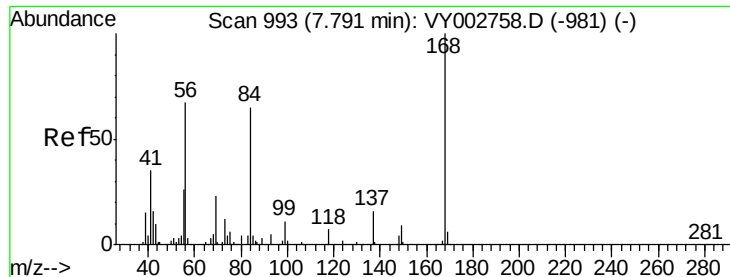
85 64.7 53.8 80.8



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

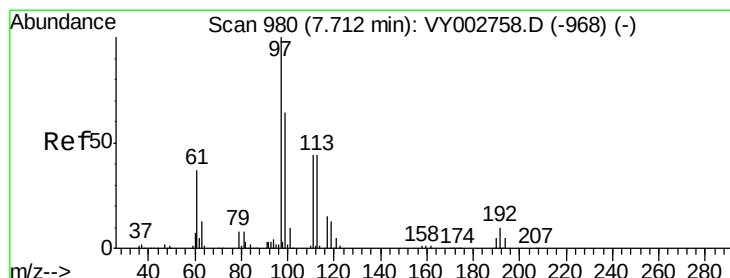
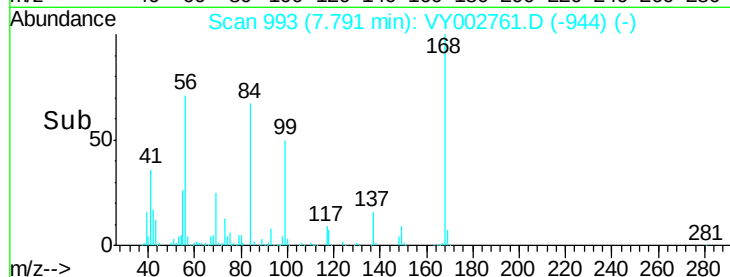
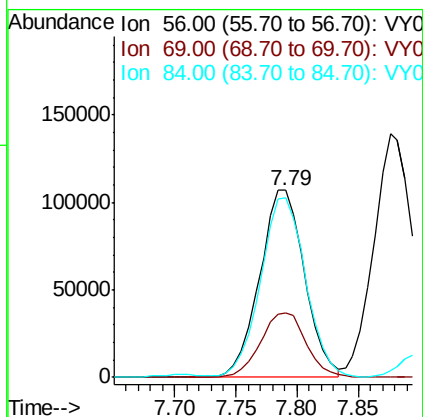
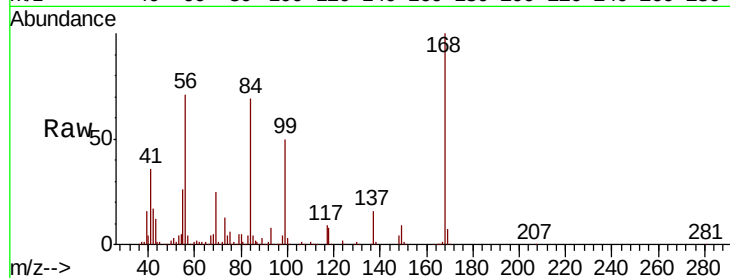




#31
Cyclohexane
Concen: 51.503 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.00 min
Lab File: VY002761.D
Acq: 27 May 2020 13:40

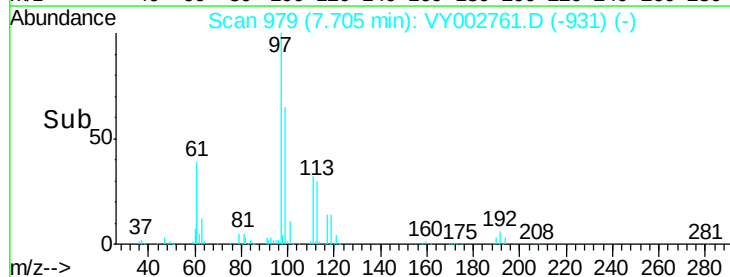
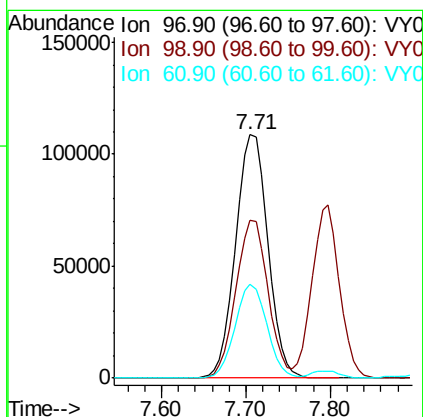
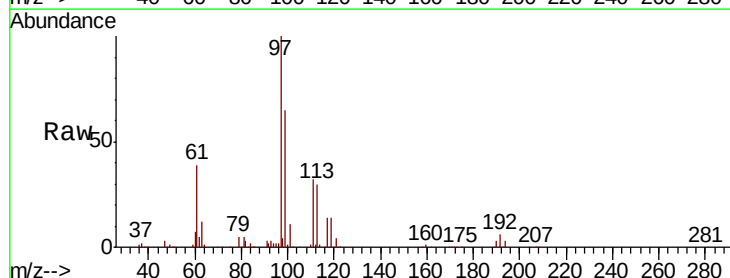
Instrument :
MSVOA_Y
ClientSampleId :
ICVY052720

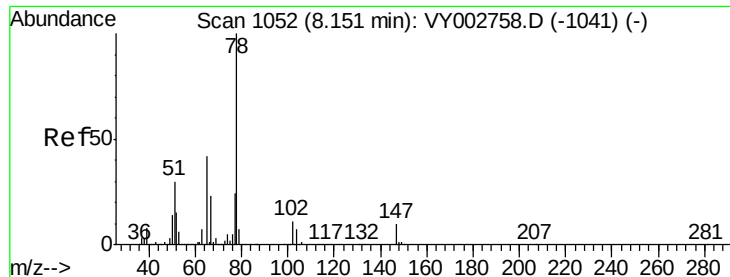
Tot Ion: 56 Resp: 273835
Ion Ratio Lower Upper
56 100
69 34.6 28.0 42.0
84 94.8 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 53.268 ug/l
RT: 7.71 min Scan# 979
Delta R.T. -0.01 min
Lab File: VY002761.D
Acq: 27 May 2020 13:40

Tgt Ion: 97 Resp: 282065
Ion Ratio Lower Upper
97 100
99 64.6 51.4 77.0
61 37.9 30.1 45.1

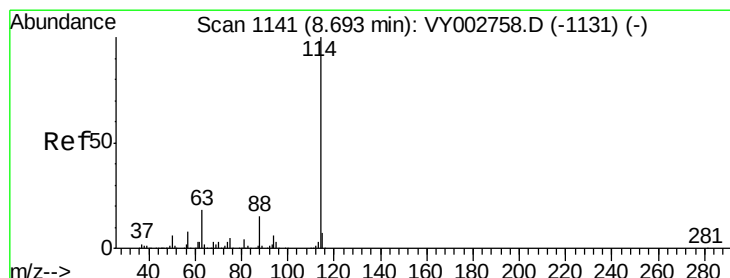
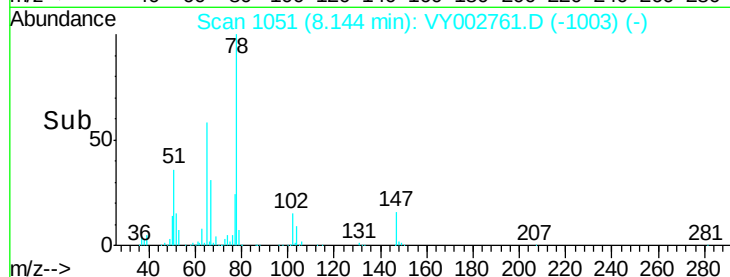
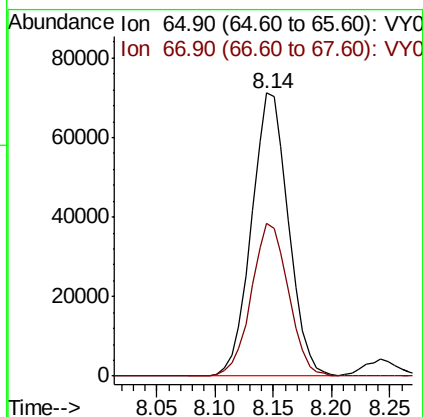
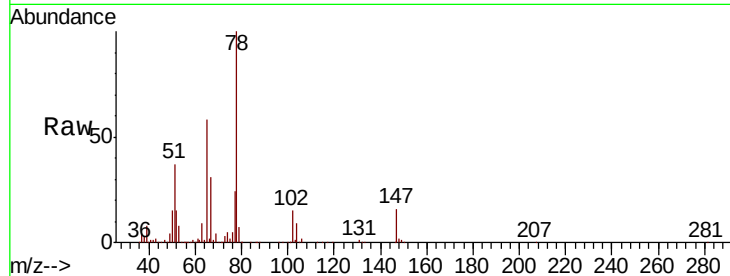




#33
 1,2-Dichloroethane-d4
 Concen: 49.882 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: VY002761.D
 Acq: 27 May 2020 13:40

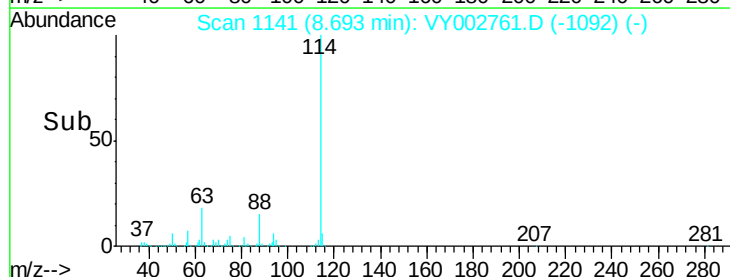
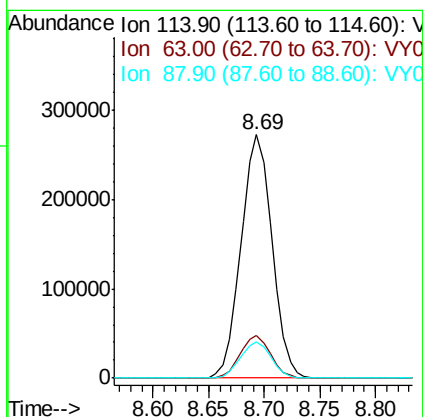
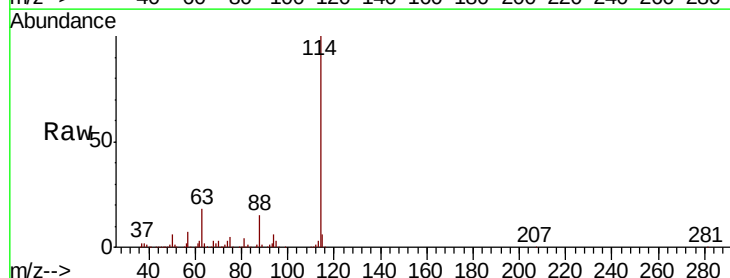
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY052720

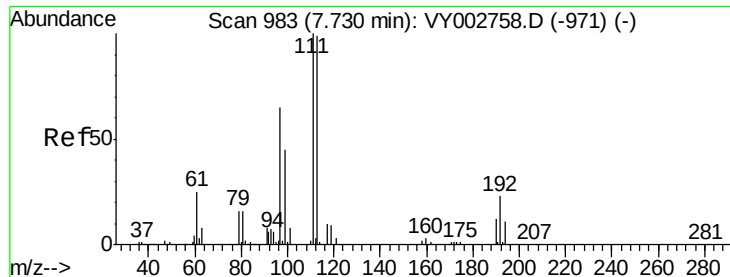
Tot Ion: 65 Resp: 156377
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY002761.D
 Acq: 27 May 2020 13:40

Tgt Ion: 114 Resp: 528809
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 35.2
 88 14.7 0.0 29.2

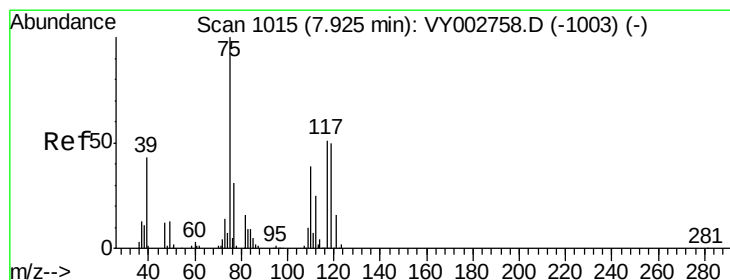
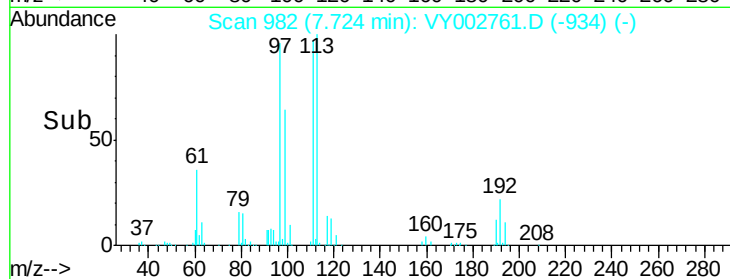
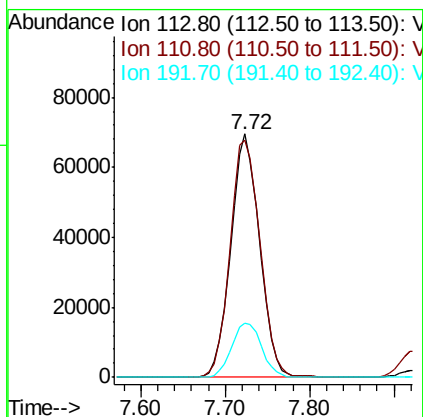
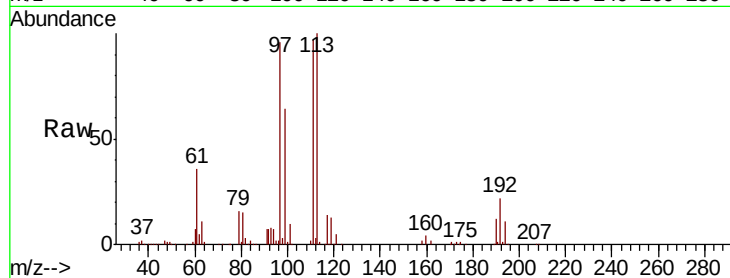




#35
 Dibromofluoromethane
 Concen: 51.752 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002761.D
 Acq: 27 May 2020 13:40

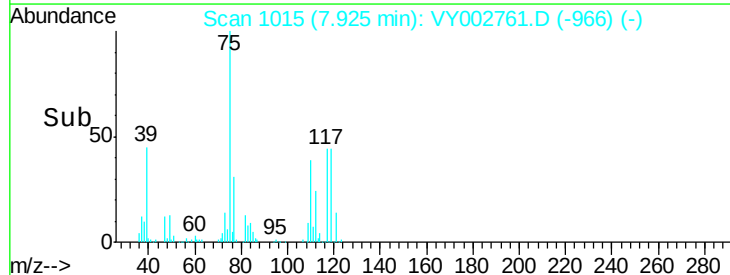
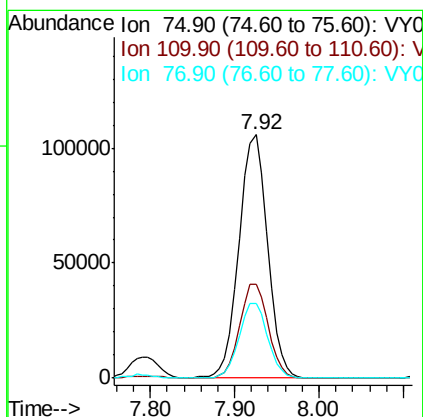
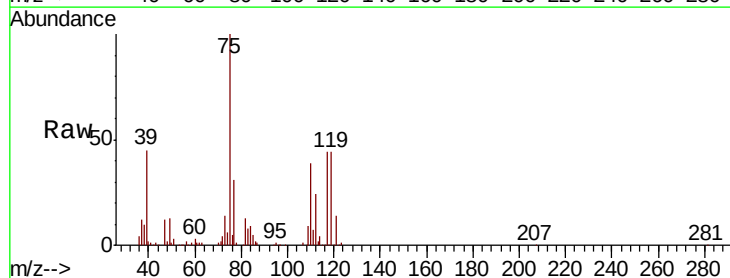
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY052720

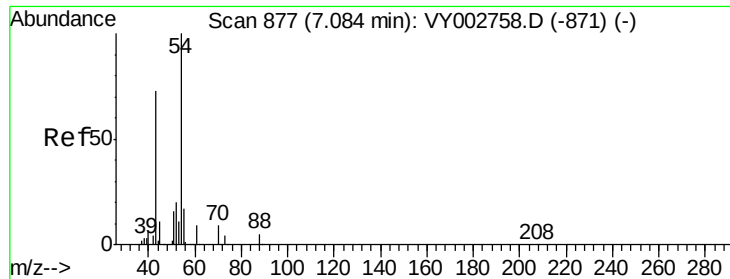
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.0	123.0
192	23.3	18.9	28.3



#36
 1,1-Dichloropropene
 Concen: 54.288 ug/l
 RT: 7.92 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: VY002761.D
 Acq: 27 May 2020 13:40

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.6	19.3	57.9
77	30.8	24.8	37.2

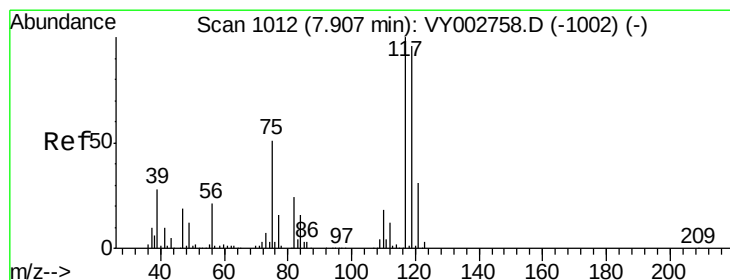
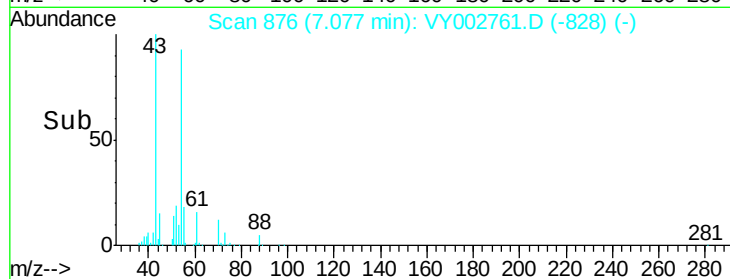
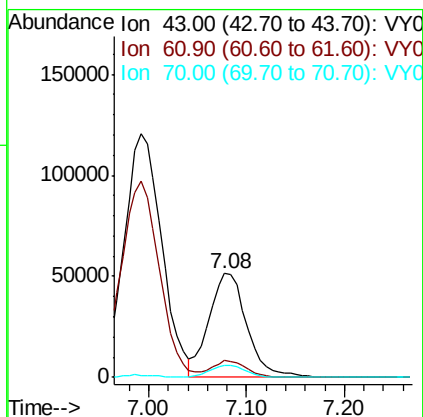
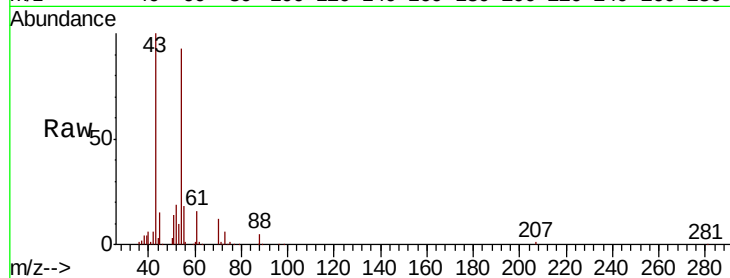




#37
Ethyl Acetate
Concen: 56.656 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY002761.D
Acq: 27 May 2020 13:40

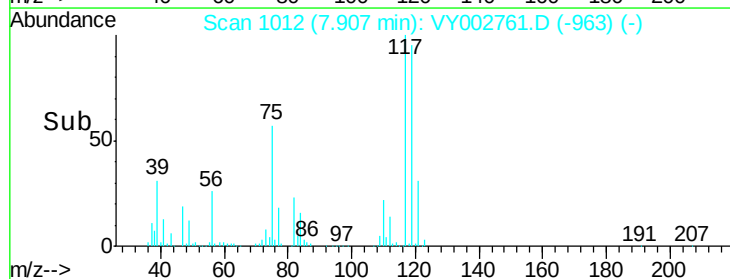
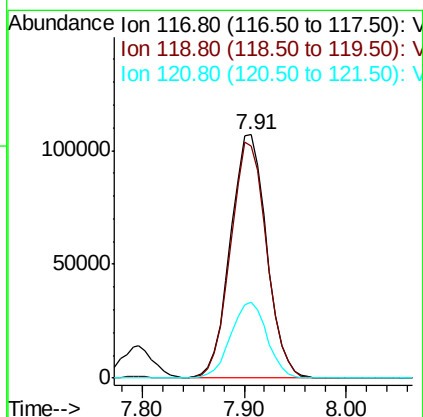
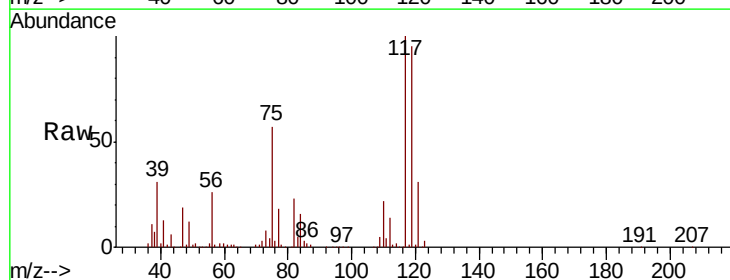
Instrument :
MSVOA_Y
ClientSampleId :
ICVY052720

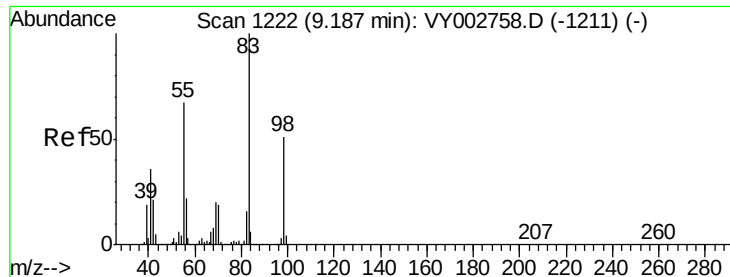
Tot Ion: 43 Resp: 137313
Ion Ratio Lower Upper
43 100
61 15.3 11.9 17.9
70 11.2 9.1 13.7



#38
Carbon Tetrachloride
Concen: 53.174 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VY002761.D
Acq: 27 May 2020 13:40

Tgt Ion: 117 Resp: 263136
Ion Ratio Lower Upper
117 100
119 95.1 76.8 115.2
121 31.2 24.8 37.2





#39

Methylvlcyclohexane

Concen: 54.080 ug/l

RT: 9.19 min Scan# 1222

Delta R.T. -0.00 min

Lab File: VY002761.D

Acq: 27 May 2020 13:40

Instrument :

MSVOA_Y

ClientSampleId :

ICVY052720

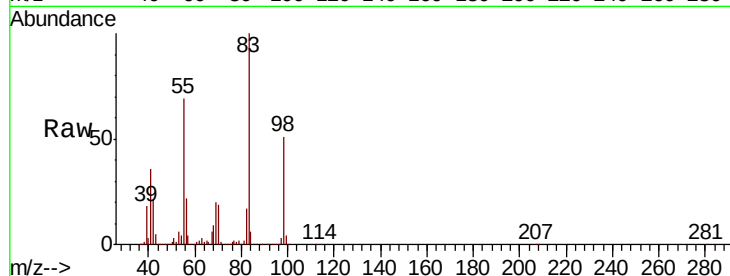
Tot Ion: 83 Resp: 317531

Ion Ratio Lower Upper

83 100

55 68.8 53.3 79.9

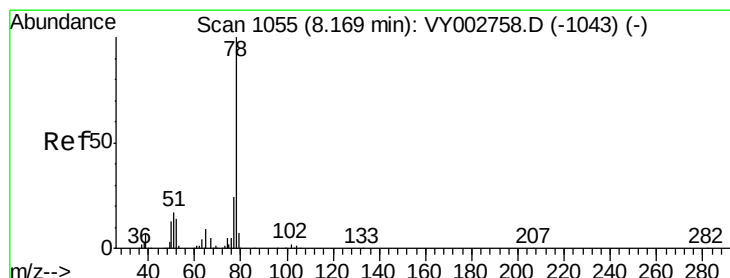
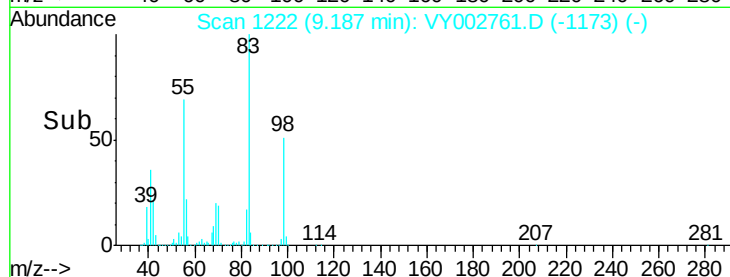
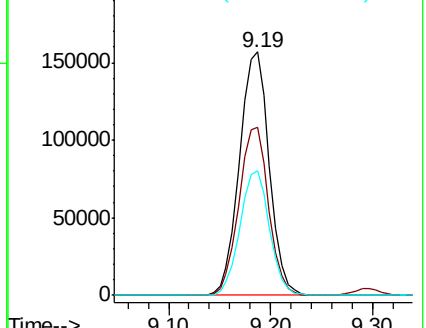
98 51.1 41.1 61.7



Abundance Ion 83.00 (82.70 to 83.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 98.00 (97.70 to 98.70): VY0



#40

Benzene

Concen: 53.365 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VY002761.D

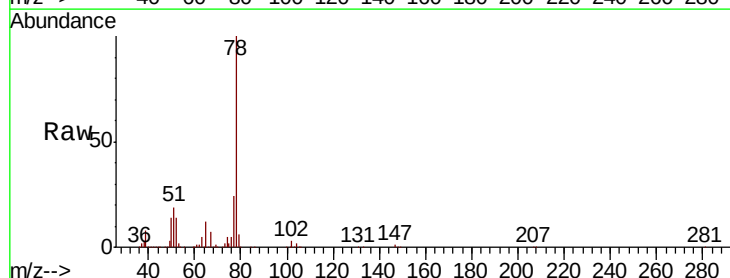
Acq: 27 May 2020 13:40

Tgt Ion: 78 Resp: 702411

Ion Ratio Lower Upper

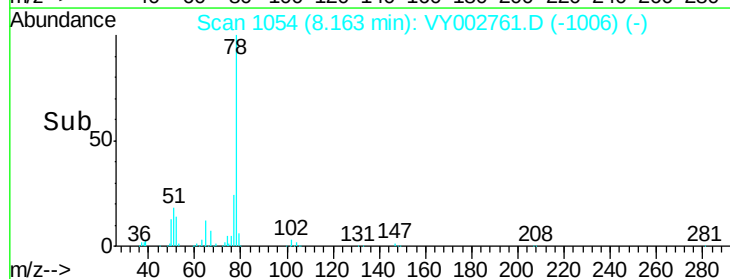
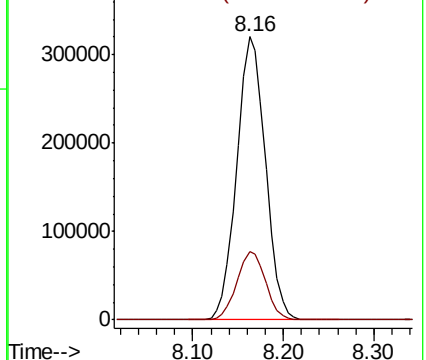
78 100

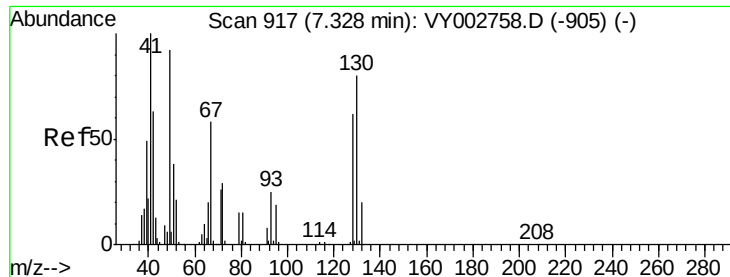
77 24.2 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VY0

Ion 77.00 (76.70 to 77.70): VY0





#41

Methacrylonitrile

Concen: 142.189 ug/l

RT: 7.35 min Scan# 920

Delta R.T. 0.02 min

Lab File: VY002761.D

Acq: 27 May 2020 13:40

Instrument :

MSVOA_Y

ClientSampleId :

ICVY052720

Tot Ion: 41 Resp: 185134

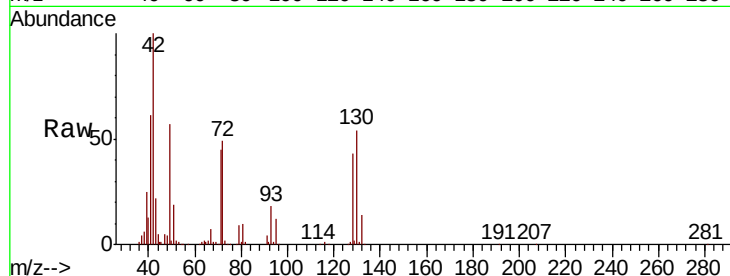
Ion Ratio Lower Upper

41 100

39 44.7 97.6 146.4#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

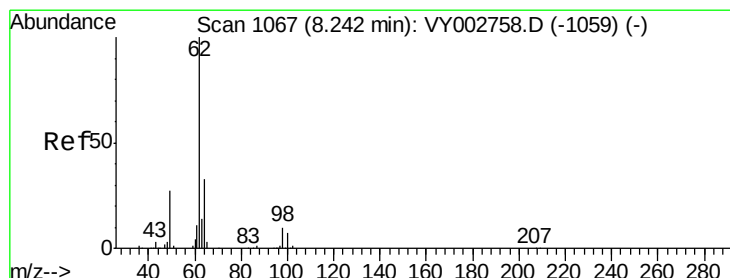
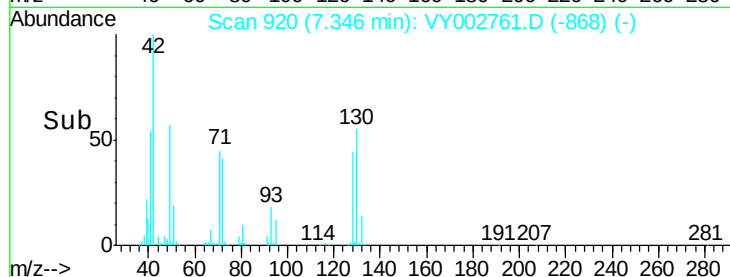
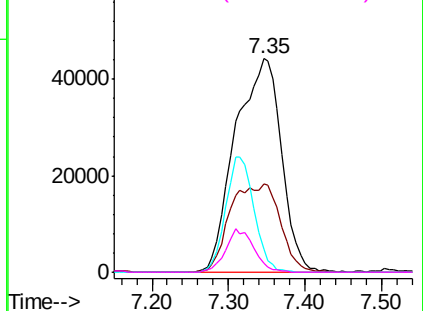


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 53.248 ug/l

RT: 8.24 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VY002761.D

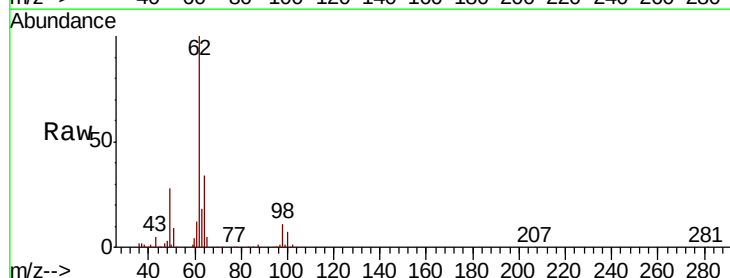
Acq: 27 May 2020 13:40

Tgt Ion: 62 Resp: 196419

Ion Ratio Lower Upper

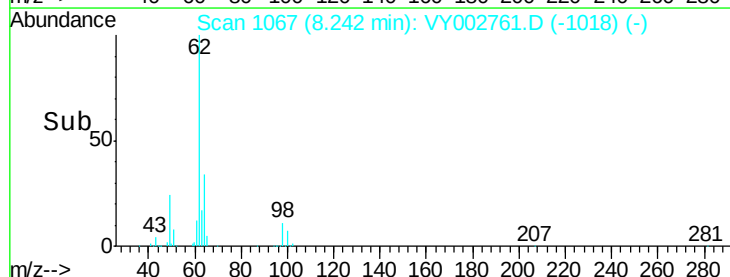
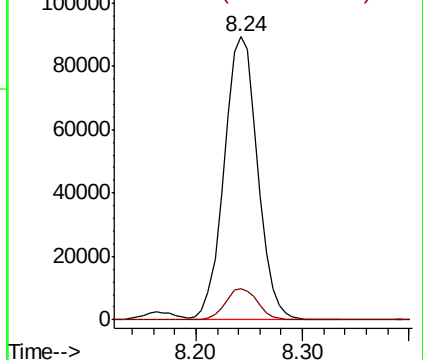
62 100

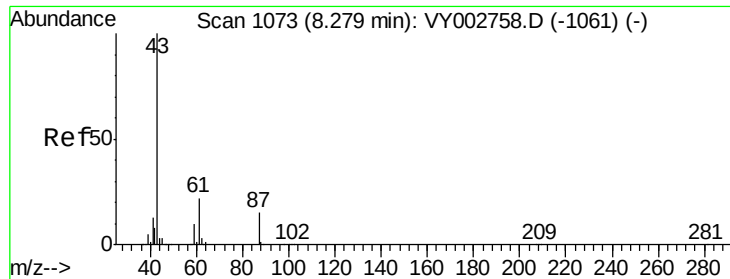
98 10.8 0.0 22.6



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 55.685 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.00 min

Lab File: VY002761.D

Acq: 27 May 2020 13:40

Instrument :

MSVOA_Y

ClientSampleId :

ICVY052720

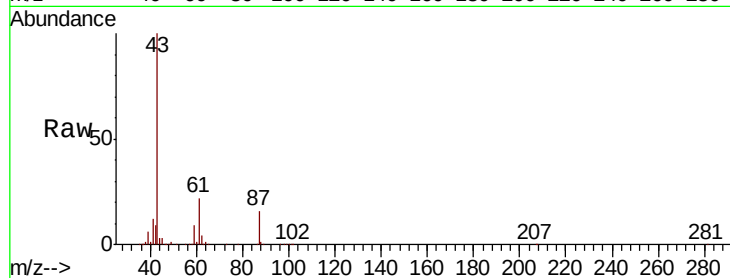
Tot Ion: 43 Resp: 255747

Ion Ratio Lower Upper

43 100

61 30.7 24.8 37.2

87 15.6 12.4 18.6

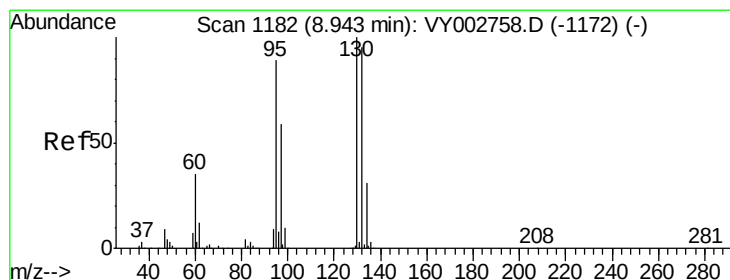
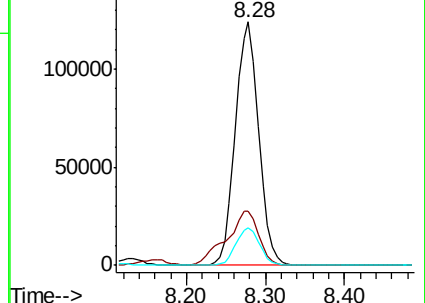
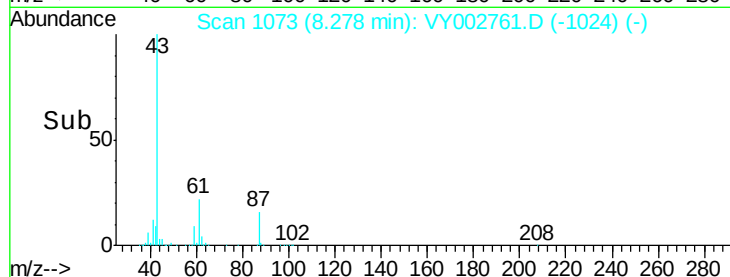


Abundance Ion 43.00 (42.70 to 43.70): VY002761.D (-1024) (-)

Ion 61.00 (60.70 to 61.70): VY002761.D (-1024) (-)

Ion 87.00 (86.70 to 87.70): VY002761.D (-1024) (-)

Time-->



#44

Trichloroethene

Concen: 52.798 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VY002761.D

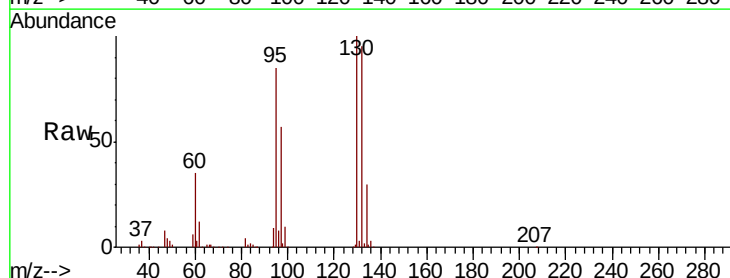
Acq: 27 May 2020 13:40

Tgt Ion: 130 Resp: 219514

Ion Ratio Lower Upper

130 100

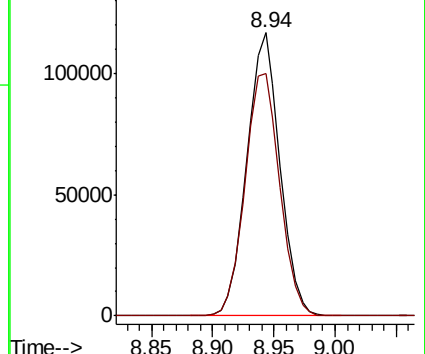
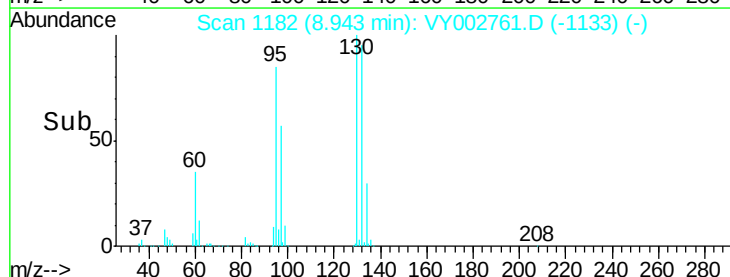
95 85.5 0.0 178.8

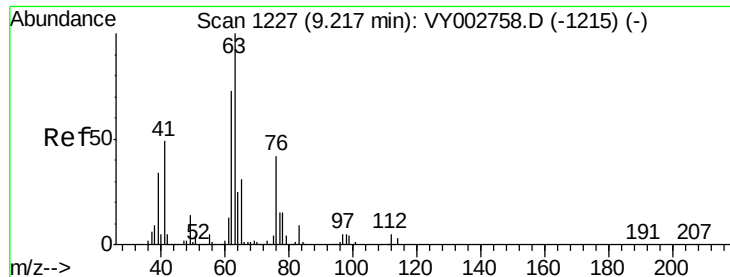


Abundance Ion 129.80 (129.50 to 130.50): VY002761.D (-1133) (-)

Ion 94.90 (94.60 to 95.60): VY002761.D (-1133) (-)

Time-->





#45

1,2-Dichloropropane

Concen: 53.898 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. -0.00 min

Lab File: VY002761.D

Acq: 27 May 2020 13:40

Instrument :

MSVOA_Y

ClientSampleId :

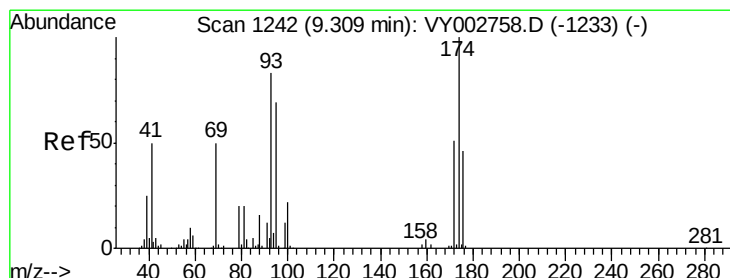
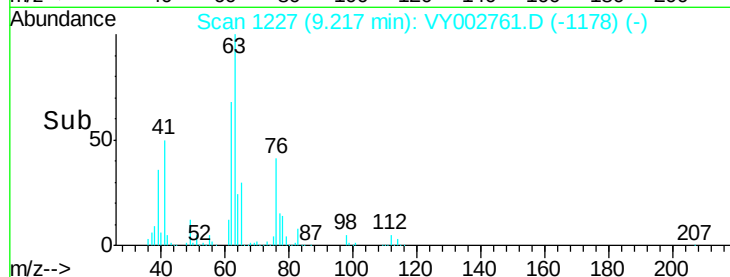
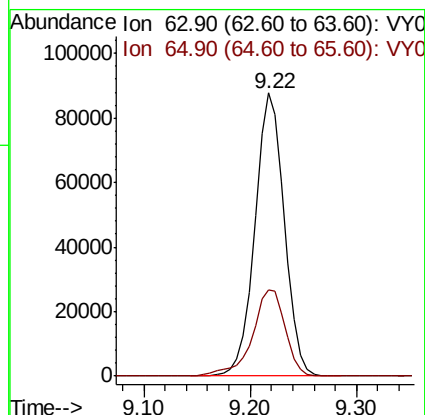
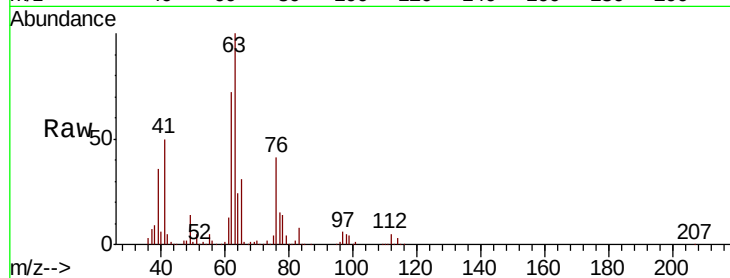
ICVY052720

Tot Ion: 63 Resp: 170127

Ion Ratio Lower Upper

63 100

65 30.7 24.8 37.2



#46

Dibromomethane

Concen: 53.567 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.00 min

Lab File: VY002761.D

Acq: 27 May 2020 13:40

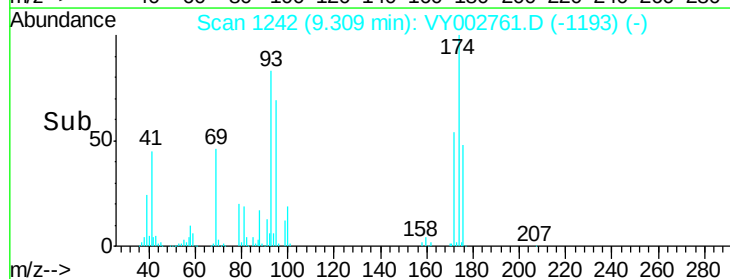
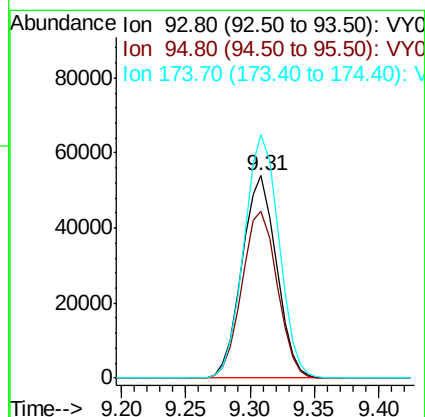
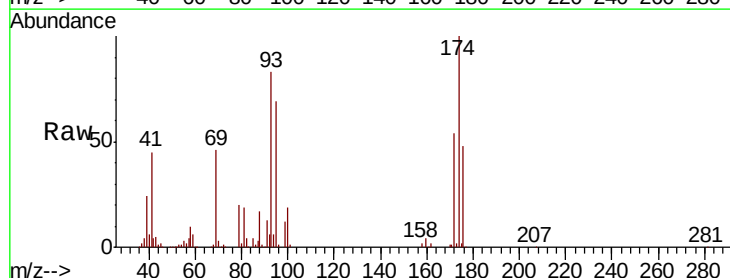
Tgt Ion: 93 Resp: 100417

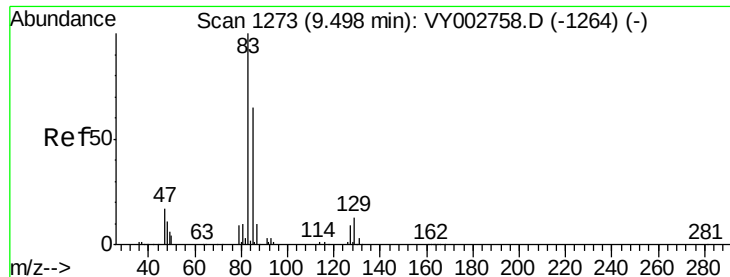
Ion Ratio Lower Upper

93 100

95 84.3 66.9 100.3

174 121.2 97.7 146.5





#47

Bromodichloromethane

Concen: 54.822 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY002761.D

Acq: 27 May 2020 13:40

Instrument :

MSVOA_Y

ClientSampleId :

ICVY052720

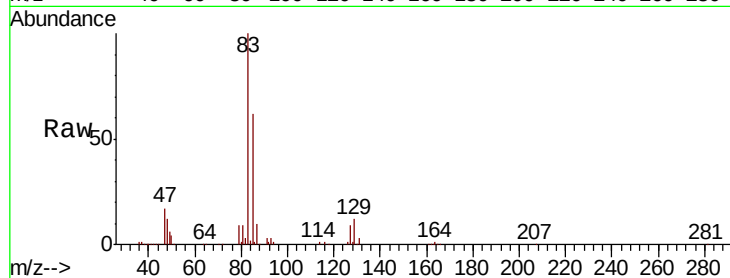
Tot Ion: 83 Resp: 242275

Ion Ratio Lower Upper

83 100

85 62.2 51.9 77.9

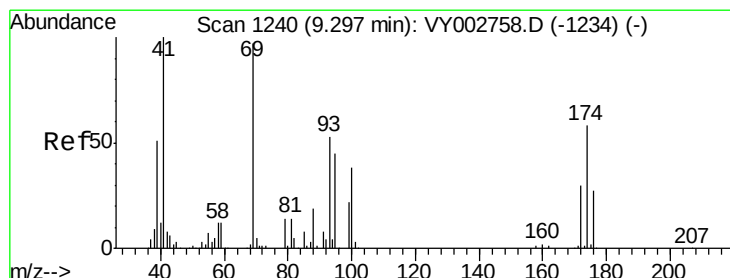
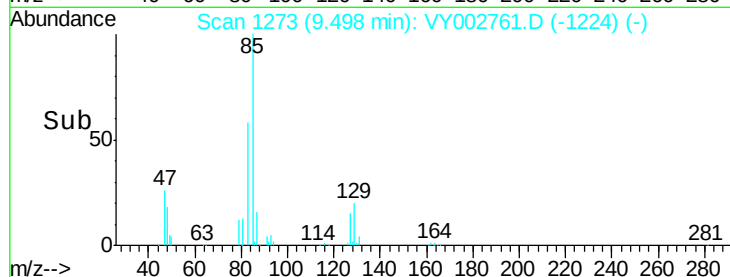
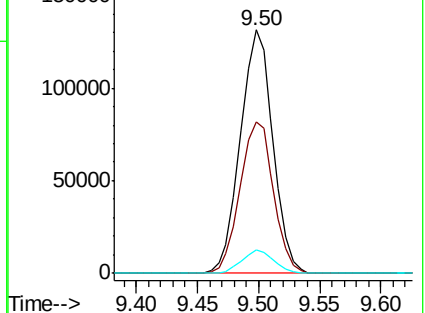
127 9.4 7.1 10.7



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 126.80 (126.50 to 127.50): VY0



#48

Methyl methacrylate

Concen: 55.278 ug/l

RT: 9.29 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VY002761.D

Acq: 27 May 2020 13:40

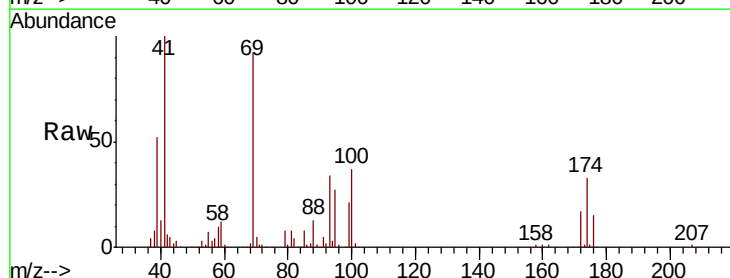
Tgt Ion: 41 Resp: 114609

Ion Ratio Lower Upper

41 100

69 98.1 79.7 119.5

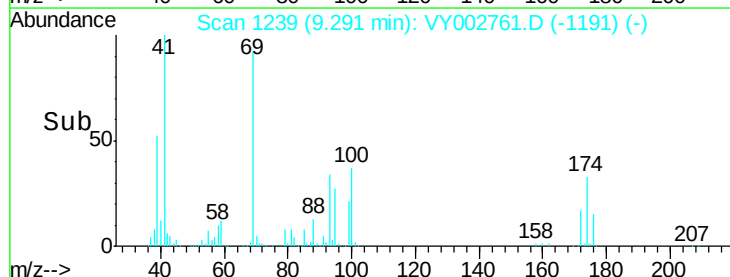
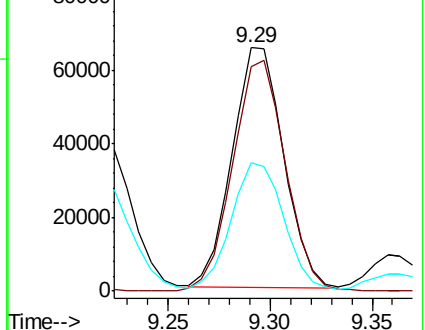
39 55.0 43.3 64.9

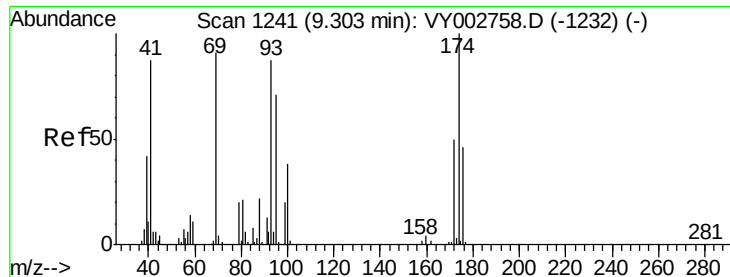


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

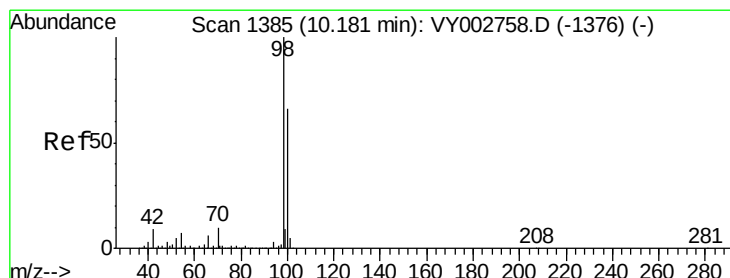
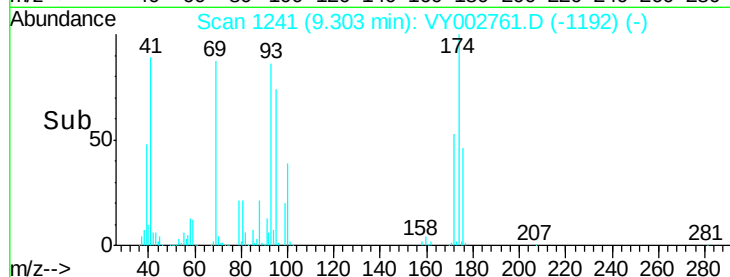
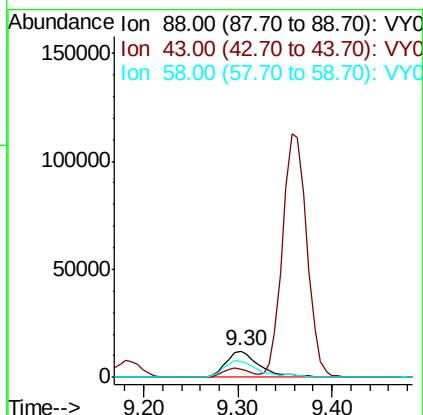
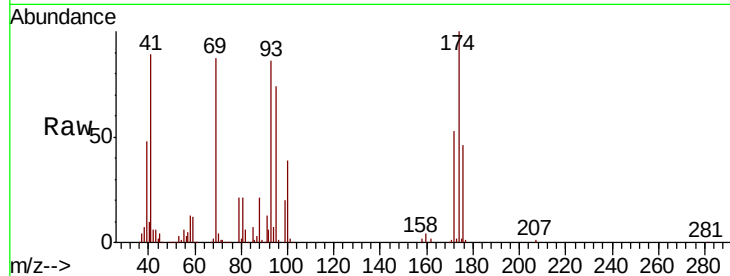




#49
1,4-Dioxane
Concen: 1055.532 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VY002761.D
Acq: 27 May 2020 13:40

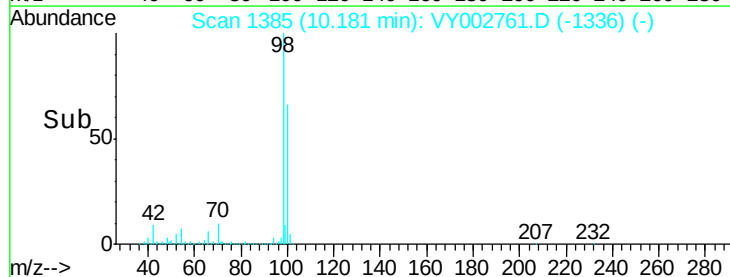
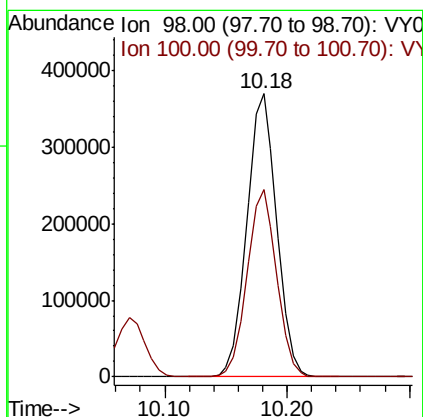
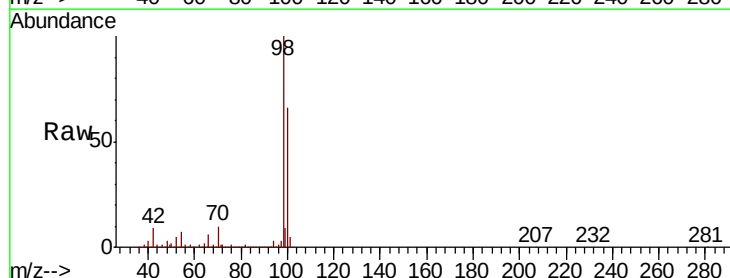
Instrument :
MSVOA_Y
ClientSampleId :
ICVY052720

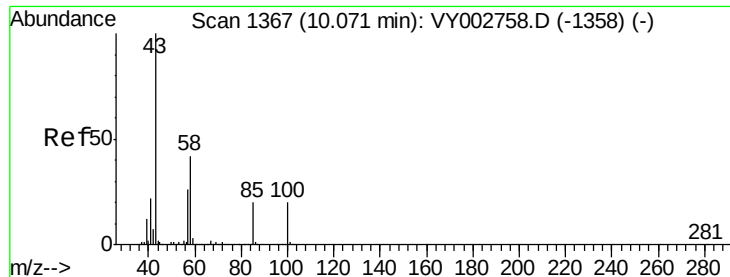
Tot Ion: 88 Resp: 30382
Ion Ratio Lower Upper
88 100
43 27.2 21.3 31.9
58 60.3 52.2 78.2



#50
Toluene-d8
Concen: 49.920 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY002761.D
Acq: 27 May 2020 13:40

Tgt Ion: 98 Resp: 625514
Ion Ratio Lower Upper
98 100
100 65.5 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 279.743 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VY002761.D

Acq: 27 May 2020 13:40

Instrument :

MSVOA_Y

ClientSampleId :

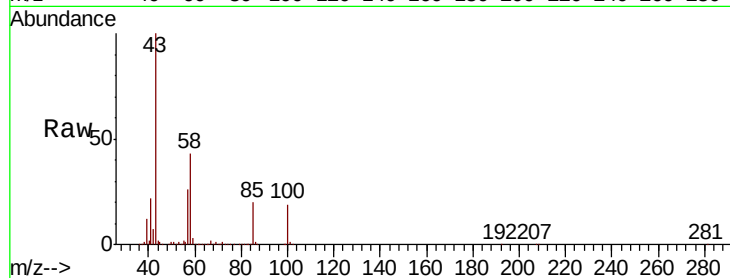
ICVY052720

Tot Ion: 43 Resp: 680332

Ion Ratio Lower Upper

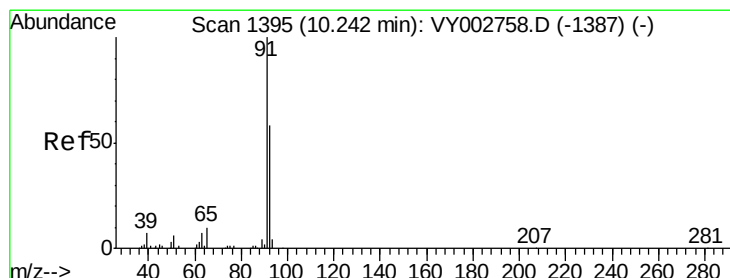
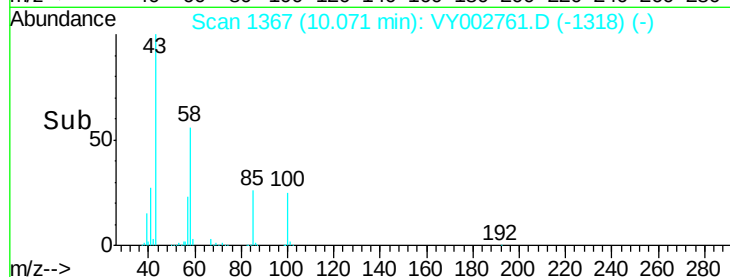
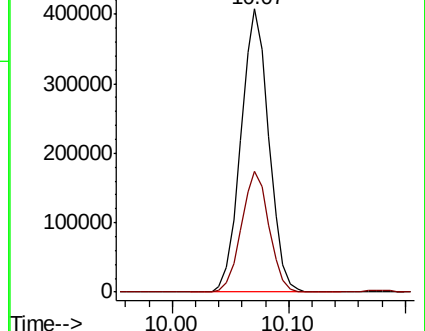
43 100

58 42.4 34.2 51.2



Abundance Ion 43.00 (42.70 to 43.70): VY002761.D (-1318) (-)

Ion 58.00 (57.70 to 58.70): VY002761.D (-1318) (-)



#52

Toluene

Concen: 53.143 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.00 min

Lab File: VY002761.D

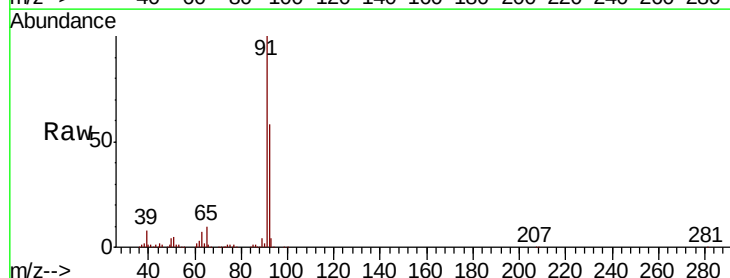
Acq: 27 May 2020 13:40

Tgt Ion: 92 Resp: 457587

Ion Ratio Lower Upper

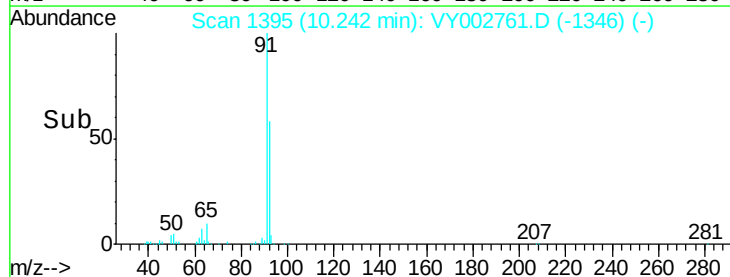
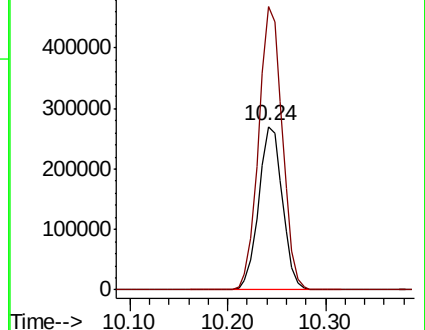
92 100

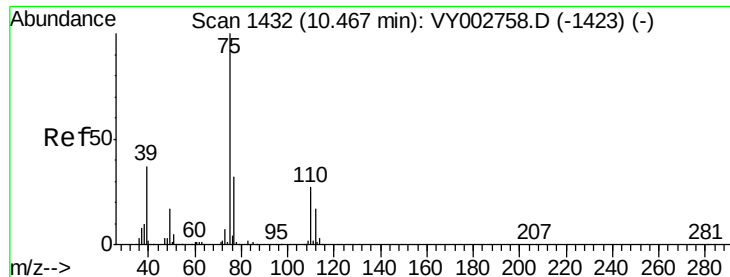
91 172.8 138.5 207.7



Abundance Ion 92.00 (91.70 to 92.70): VY002761.D (-1346) (-)

Ion 91.00 (90.70 to 91.70): VY002761.D (-1346) (-)





#53

t-1,3-Dichloropropene

Concen: 54.753 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY002761.D

Acq: 27 May 2020 13:40

Instrument :

MSVOA_Y

ClientSampleId :

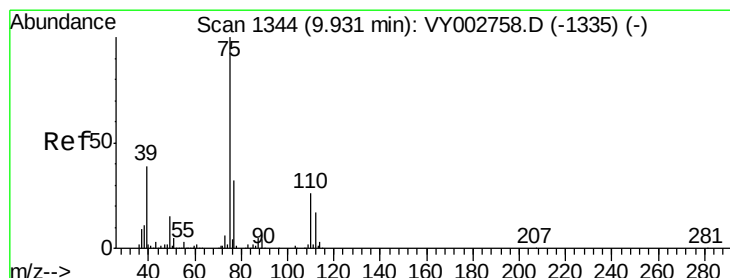
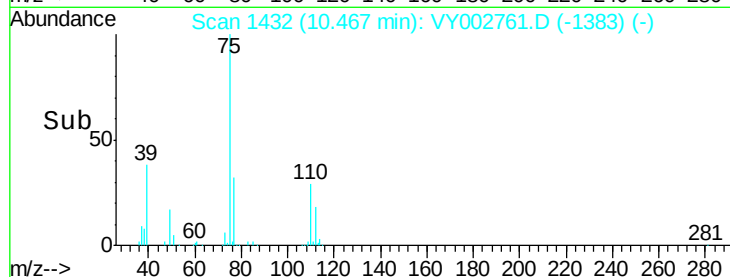
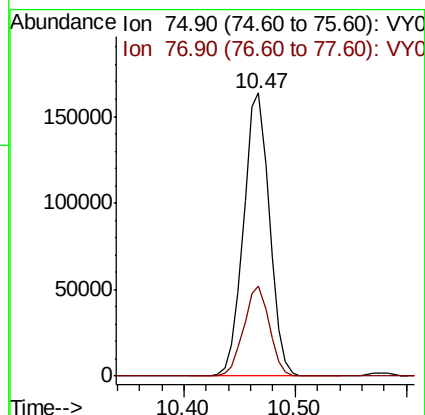
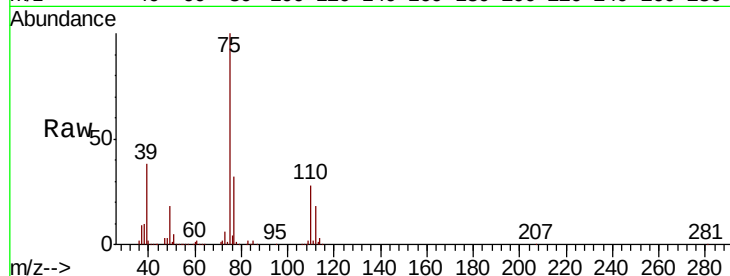
ICVY052720

Tot Ion: 75 Resp: 264288

Ion Ratio Lower Upper

75 100

77 31.9 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 54.566 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY002761.D

Acq: 27 May 2020 13:40

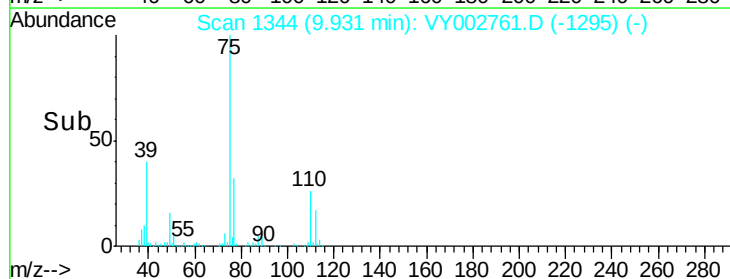
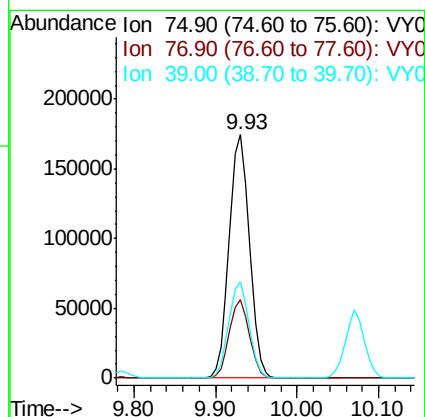
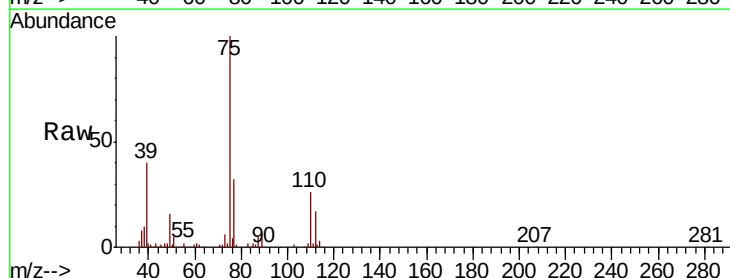
Tgt Ion: 75 Resp: 298445

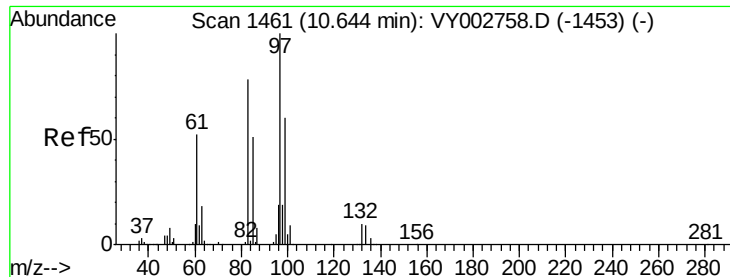
Ion Ratio Lower Upper

75 100

77 32.1 25.6 38.4

39 39.8 31.3 46.9

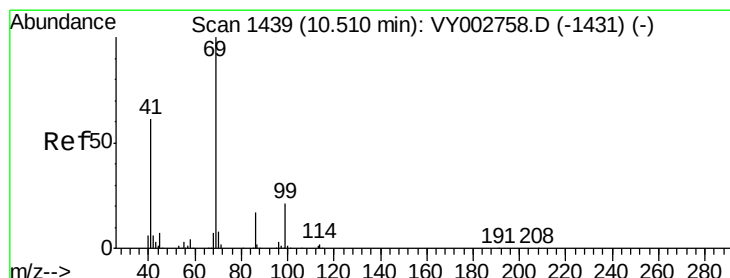
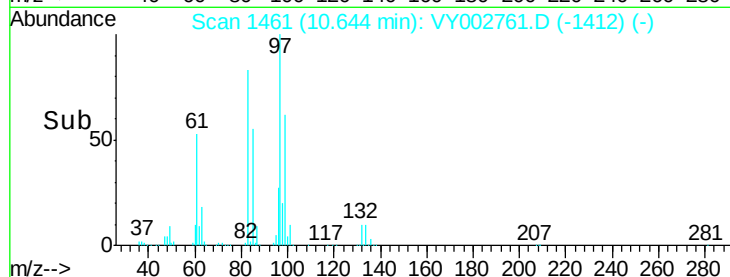
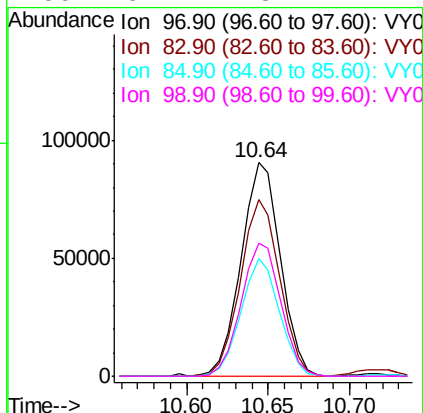
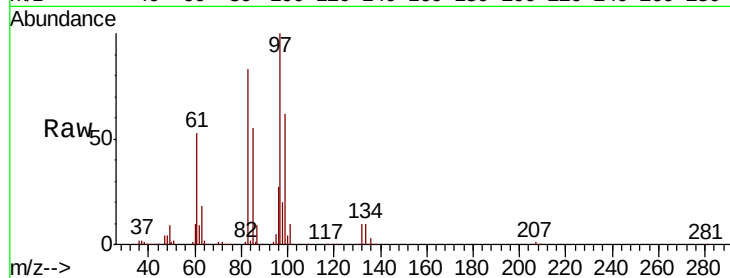




#55
 1,1,2-Trichloroethane
 Concen: 53.098 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY002761.D
 Acq: 27 May 2020 13:40

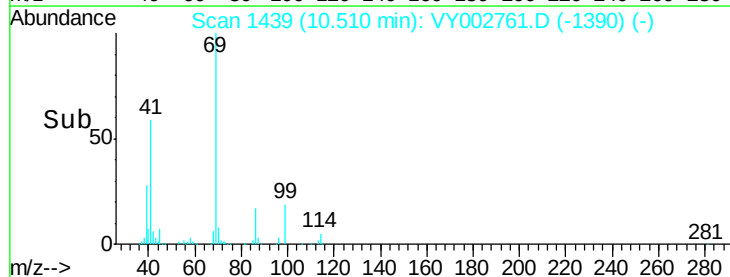
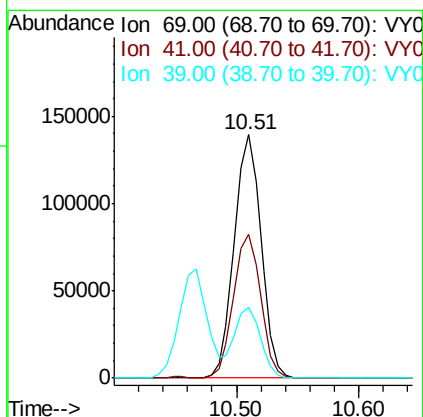
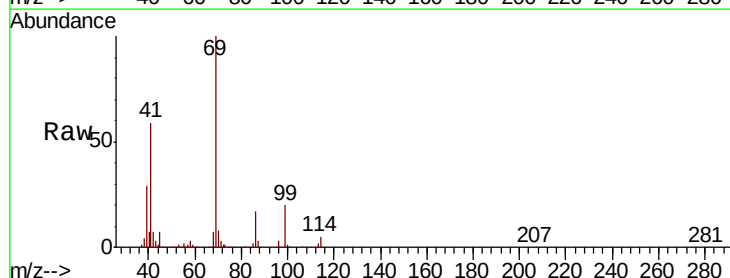
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY052720

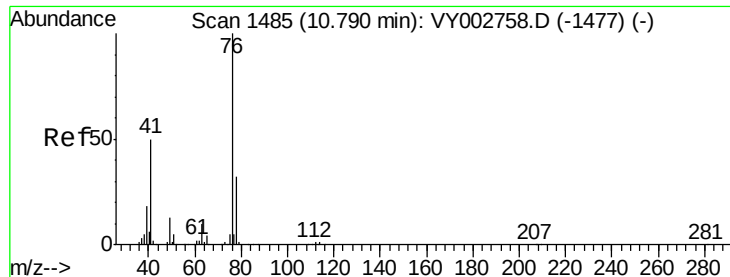
Tot Ion:	97	Resp:	152386
Ion	Ratio	Lower	Upper
97	100		
83	82.6	62.7	94.1
85	55.1	40.6	60.8
99	62.4	48.2	72.4



#56
 Ethyl methacrylate
 Concen: 55.249 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY002761.D
 Acq: 27 May 2020 13:40

Tgt Ion:	69	Resp:	212376
Ion	Ratio	Lower	Upper
69	100		
41	59.4	47.0	70.4
39	29.3	22.0	33.0





#57

1,3-Dichloropropane

Concen: 53.861 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY002761.D

Acq: 27 May 2020 13:40

Instrument :

MSVOA_Y

ClientSampleId :

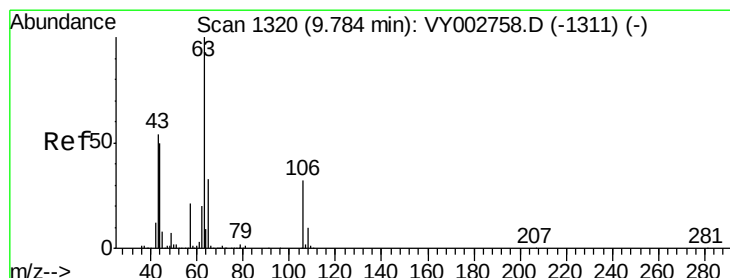
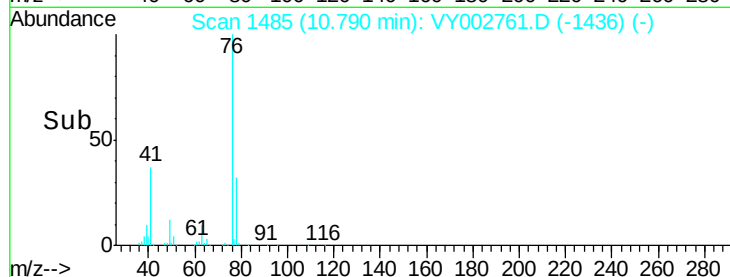
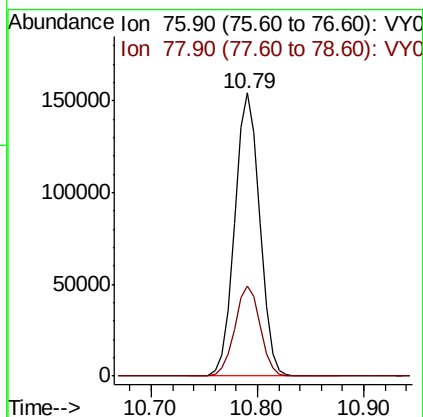
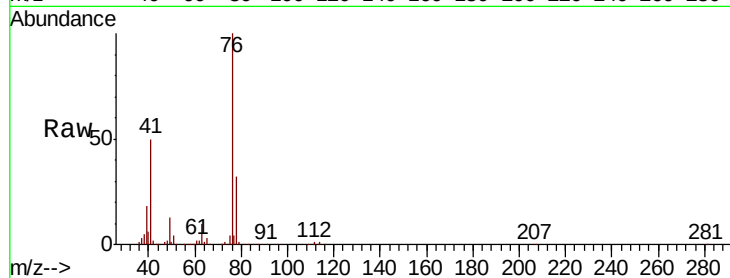
ICVY052720

Tot Ion: 76 Resp: 254245

Ion Ratio Lower Upper

76 100

78 32.4 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 251.458 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY002761.D

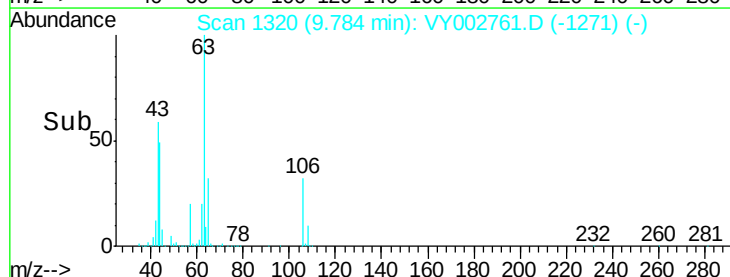
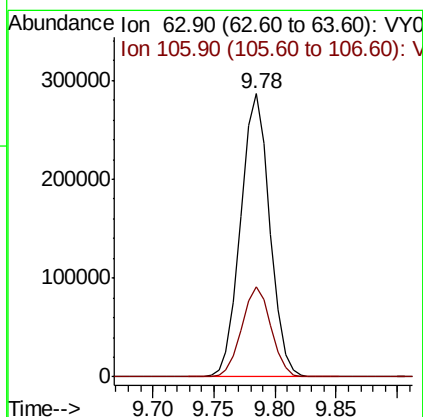
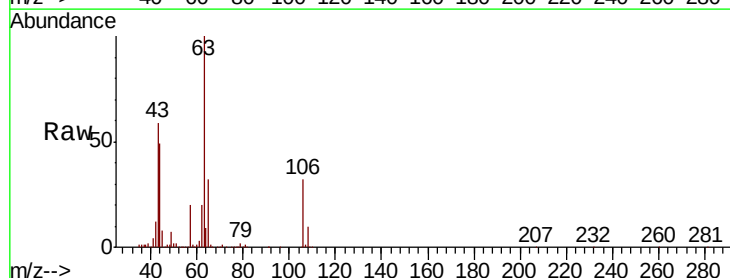
Acq: 27 May 2020 13:40

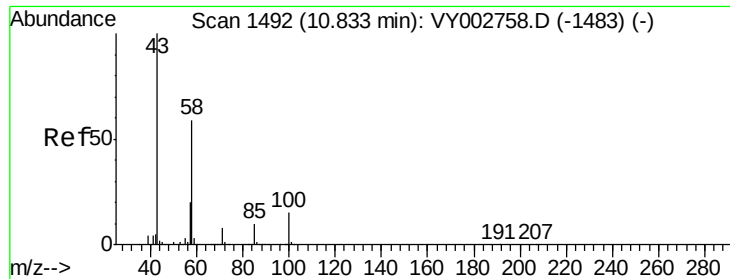
Tgt Ion: 63 Resp: 472310

Ion Ratio Lower Upper

63 100

106 32.0 25.4 38.2

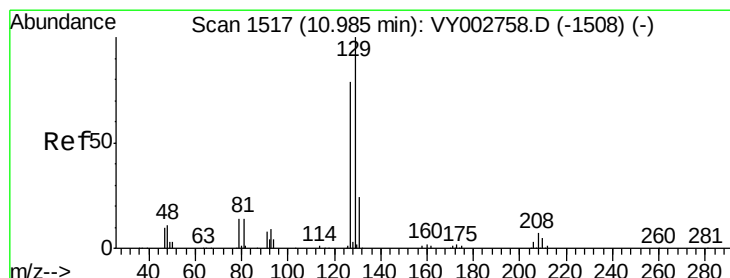
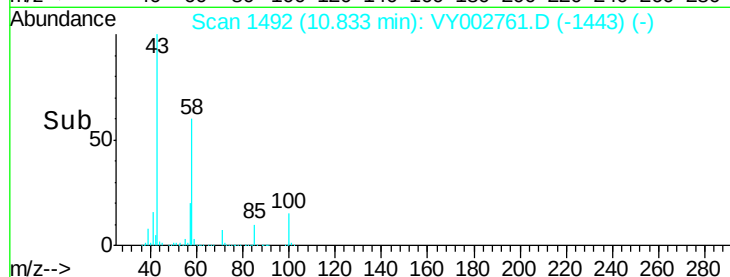
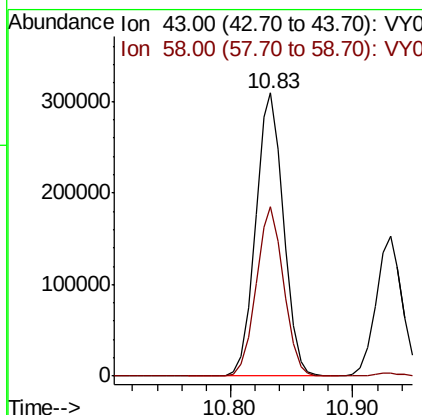
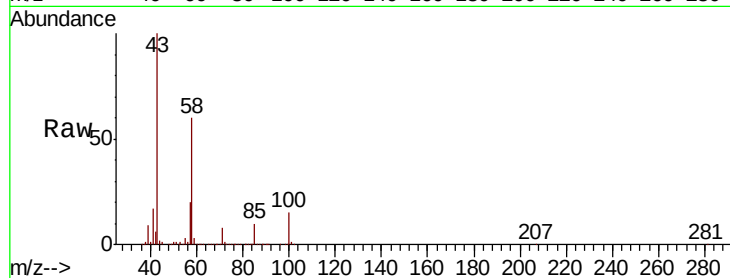




#59
2-Hexanone
Concen: 283.444 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY002761.D
Acq: 27 May 2020 13:40

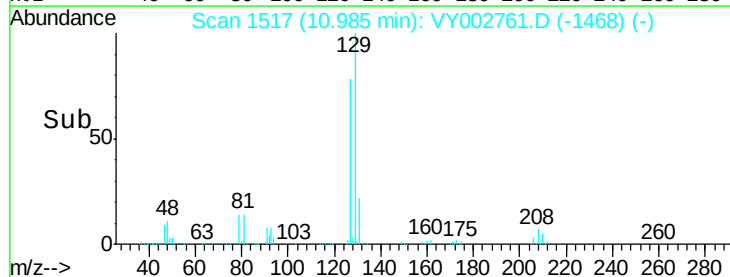
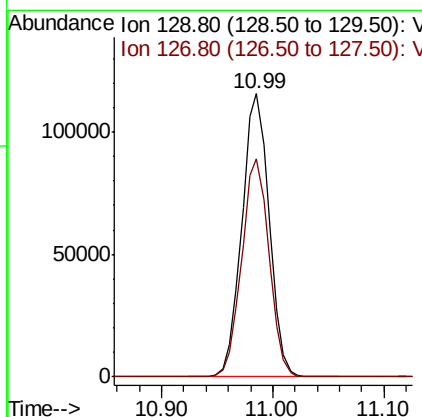
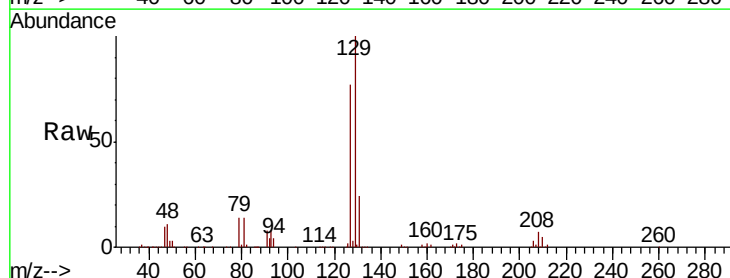
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY052720

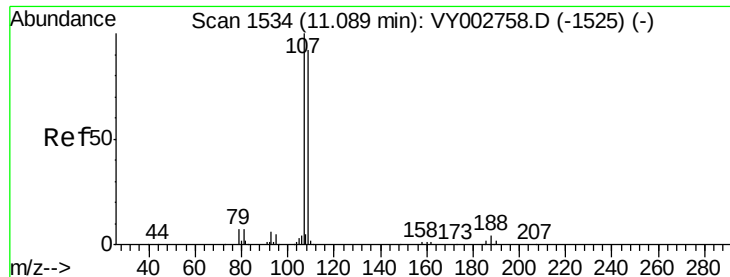
Tot Ion: 43 Resp: 489098
Ion Ratio Lower Upper
43 100
58 59.0 29.5 88.5



#60
Dibromochloromethane
Concen: 53.937 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY002761.D
Acq: 27 May 2020 13:40

Tgt Ion: 129 Resp: 196252
Ion Ratio Lower Upper
129 100
127 77.3 38.5 115.3

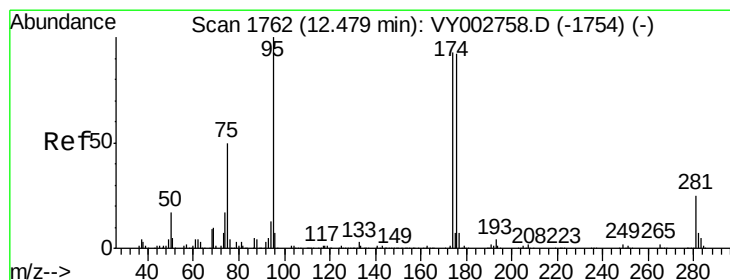
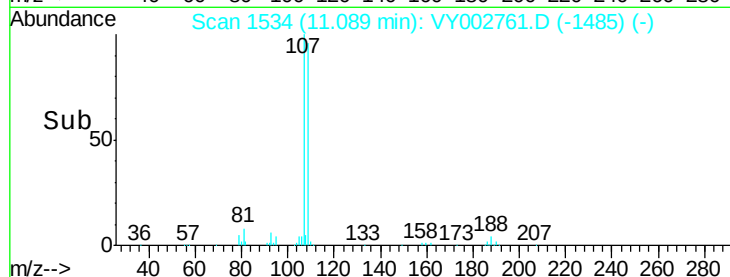
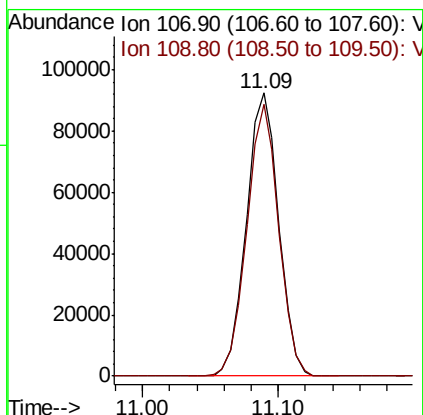
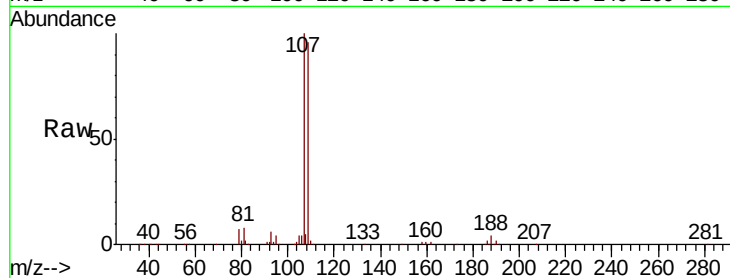




#61
 1,2-Dibromoethane
 Concen: 54.313 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY002761.D
 Acq: 27 May 2020 13:40

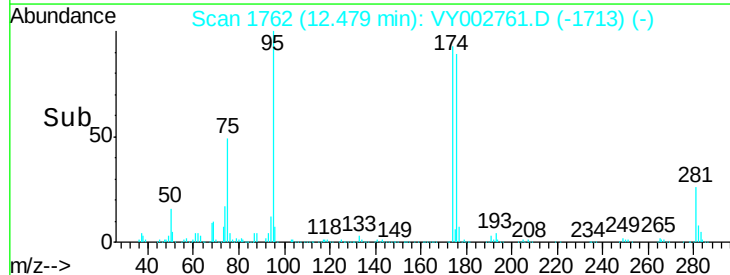
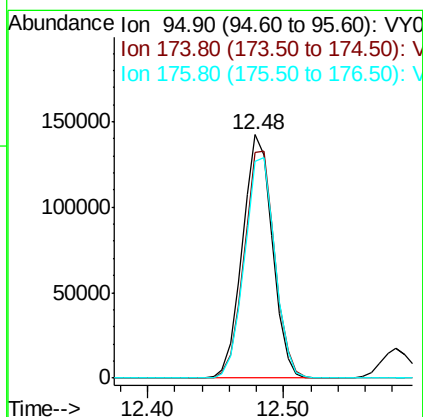
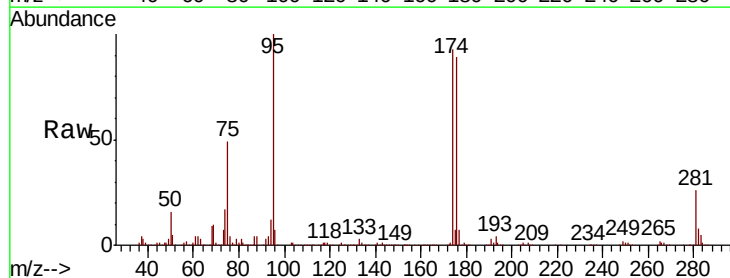
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY052720

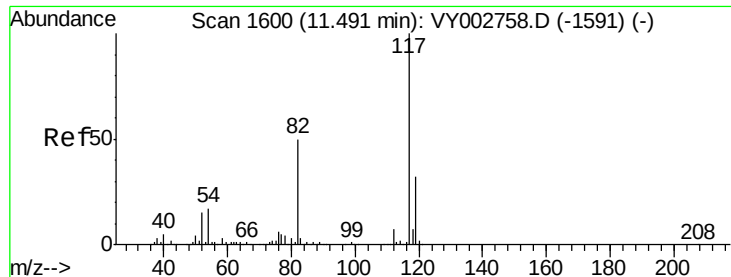
Tot Ion: 107 Resp: 153763
 Ion Ratio Lower Upper
 107 100
 109 94.6 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 51.150 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY002761.D
 Acq: 27 May 2020 13:40

Tgt Ion: 95 Resp: 219041
 Ion Ratio Lower Upper
 95 100
 174 95.0 0.0 191.2
 176 92.1 0.0 188.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VY002761.D

Acq: 27 May 2020 13:40

Instrument :

MSVOA_Y

ClientSampleId :

ICVY052720

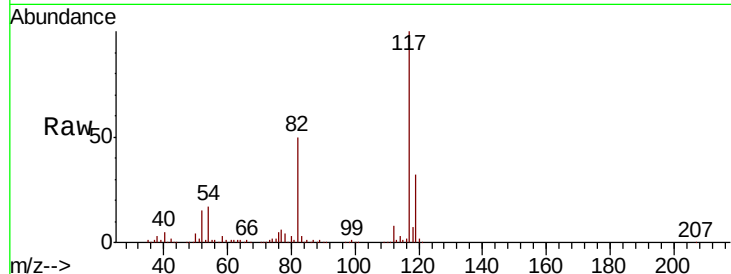
Tot Ion:117 Resp: 483932

Ion Ratio Lower Upper

117 100

82 50.4 40.2 60.4

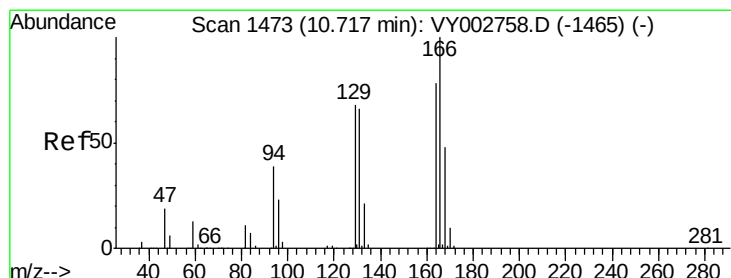
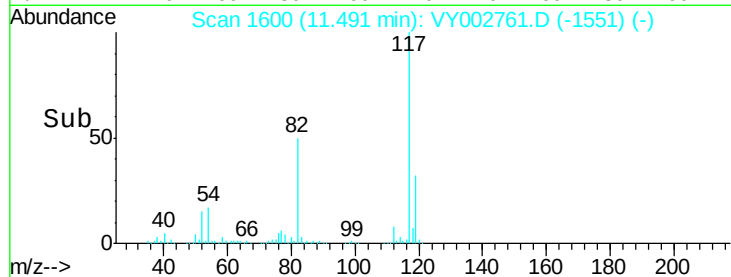
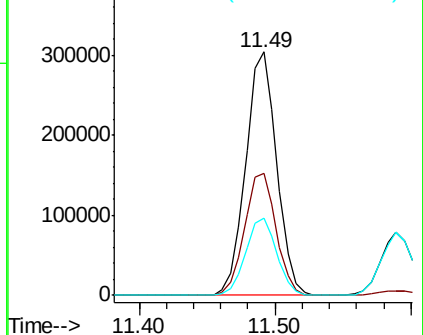
119 31.8 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VY0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 51.912 ug/l

RT: 10.72 min Scan# 1473

Delta R.T. -0.00 min

Lab File: VY002761.D

Acq: 27 May 2020 13:40

Tgt Ion:164 Resp: 228320

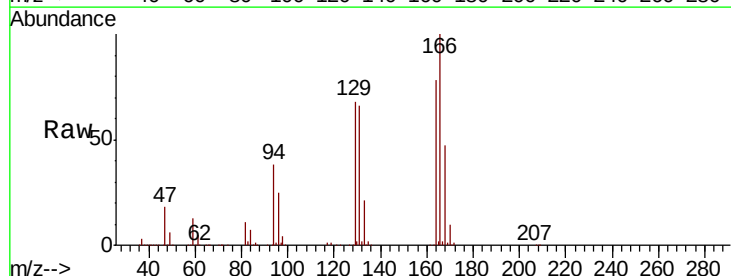
Ion Ratio Lower Upper

164 100

166 128.5 102.3 153.5

129 87.1 69.4 104.2

131 84.2 67.8 101.6

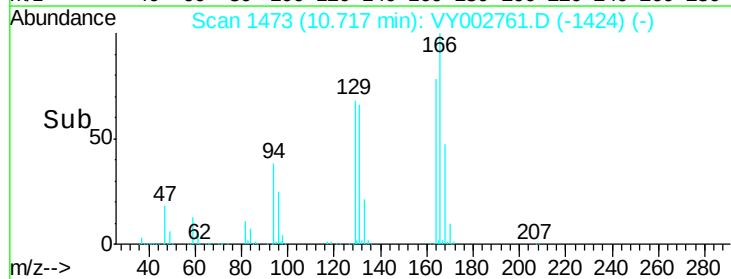
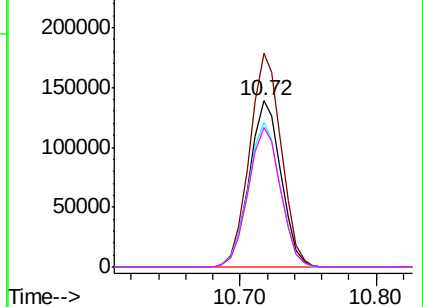


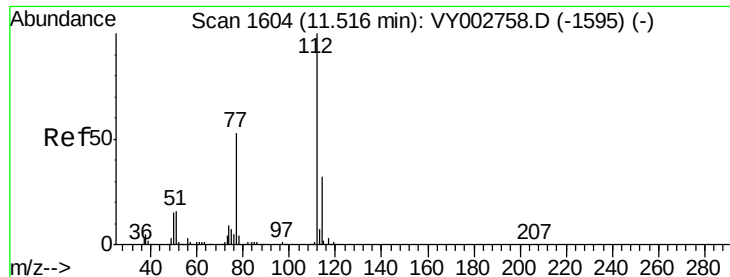
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

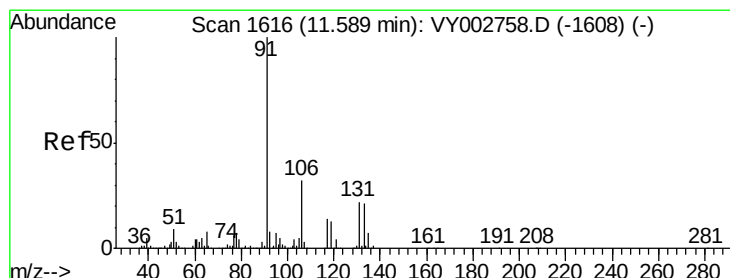
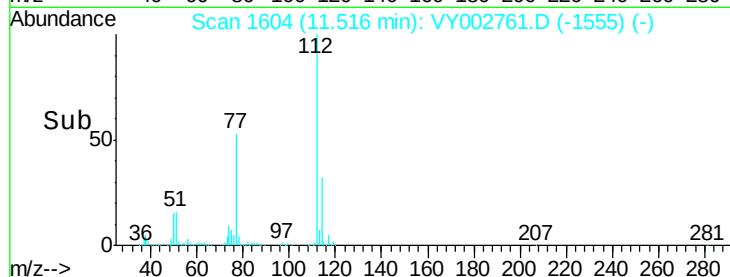
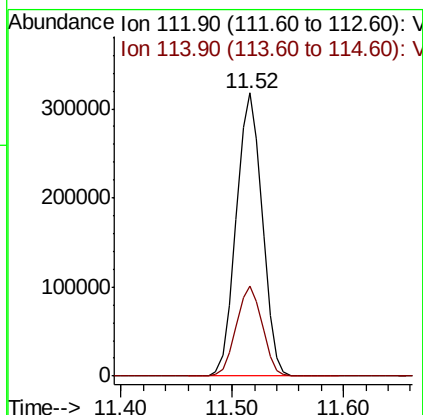
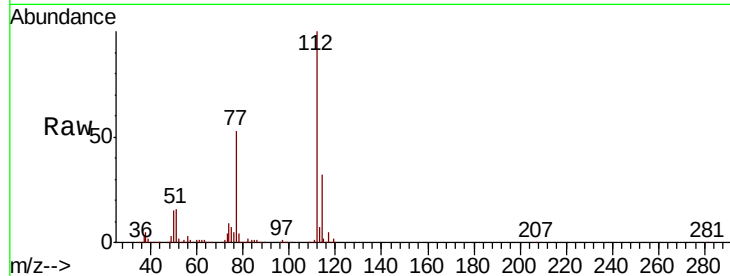




#65
Chlorobenzene
Concen: 53.485 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY002761.D
Acq: 27 May 2020 13:40

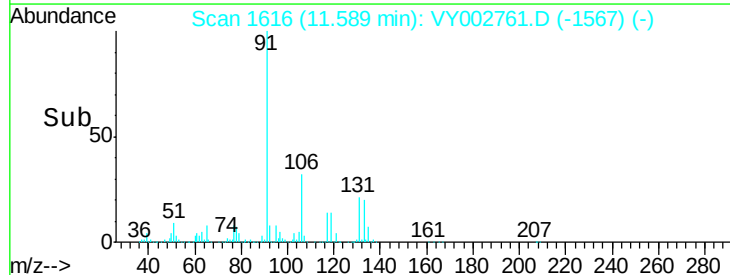
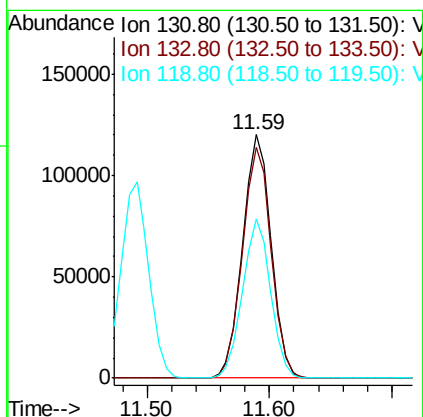
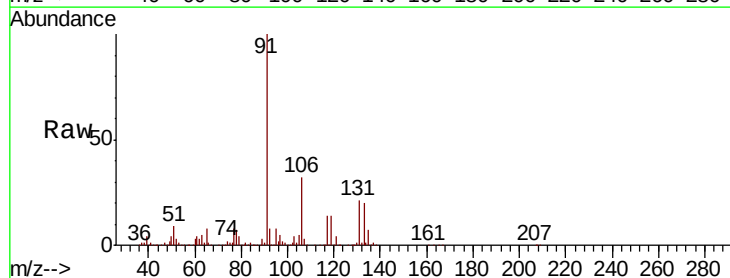
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY052720

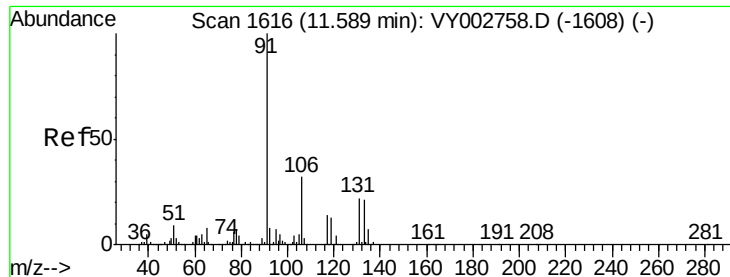
Tot Ion:112 Resp: 511578
Ion Ratio Lower Upper
112 100
114 31.9 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 53.931 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY002761.D
Acq: 27 May 2020 13:40

Tgt Ion:131 Resp: 194280
Ion Ratio Lower Upper
131 100
133 95.4 47.6 142.8
119 64.4 31.7 95.1





#67

Ethyl Benzene

Concen: 54.009 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY002761.D

Acq: 27 May 2020 13:40

Instrument :

MSVOA_Y

ClientSampleId :

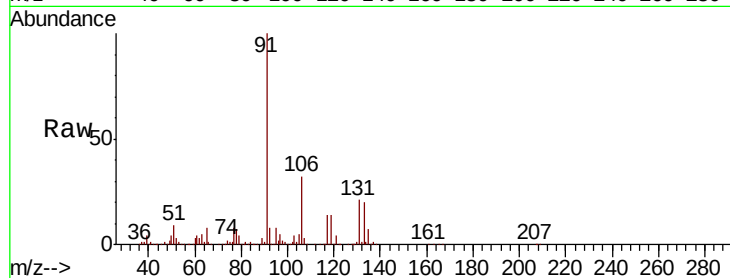
ICVY052720

Tot Ion: 91 Resp: 895574

Ion Ratio Lower Upper

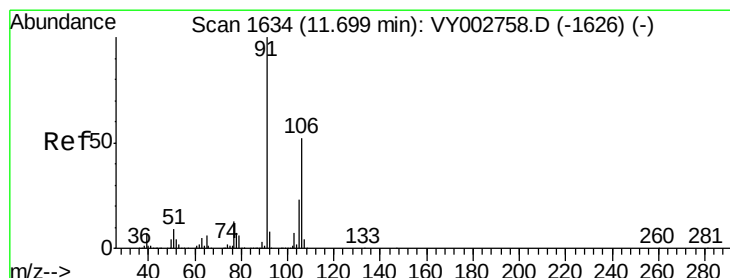
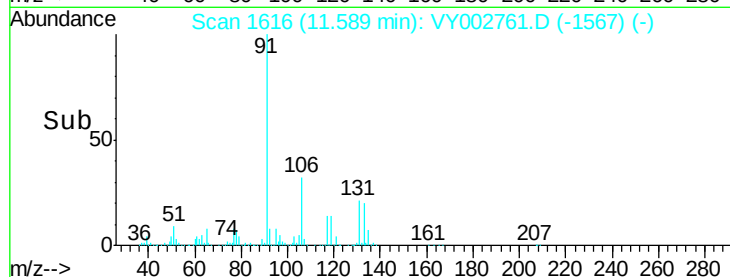
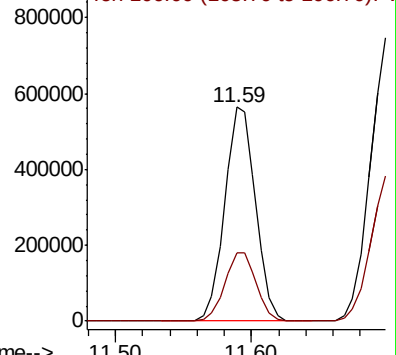
91 100

106 32.3 25.7 38.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 107.863 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VY002761.D

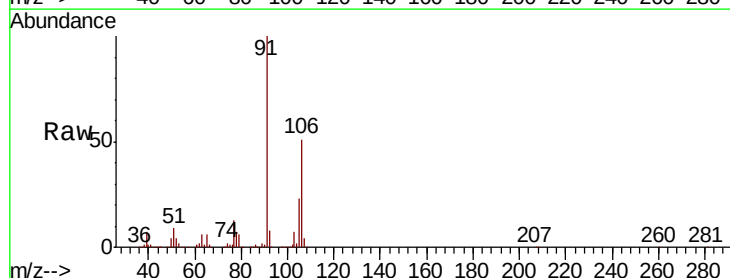
Acq: 27 May 2020 13:40

Tgt Ion: 106 Resp: 693463

Ion Ratio Lower Upper

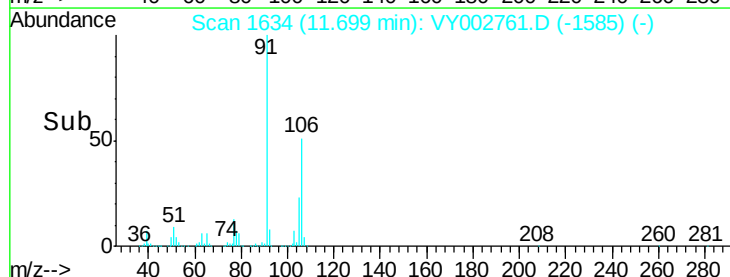
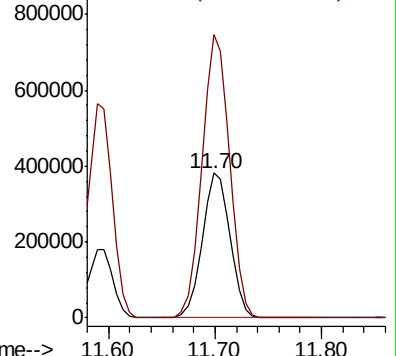
106 100

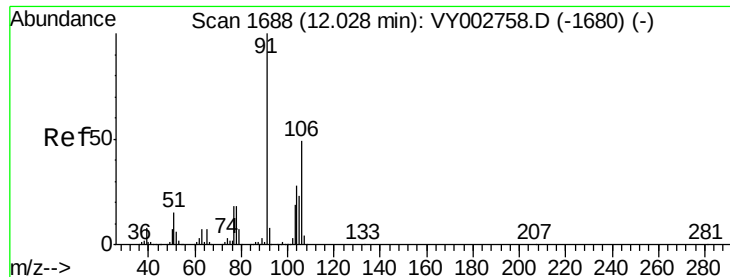
91 194.3 156.0 234.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VY0

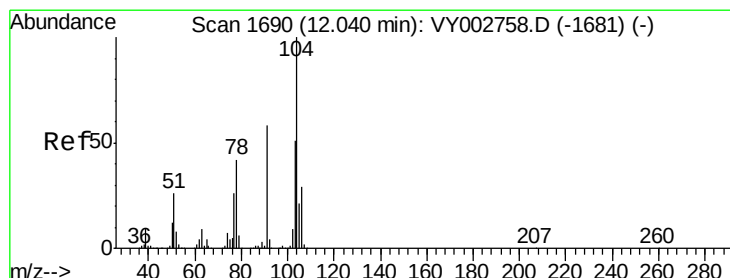
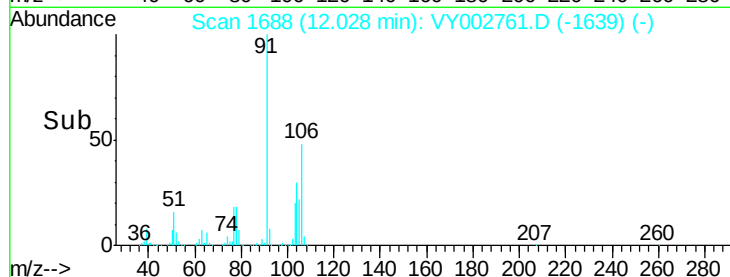
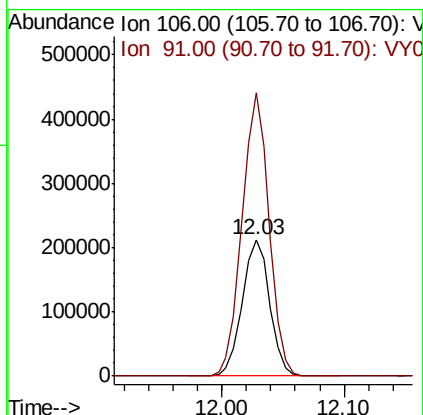
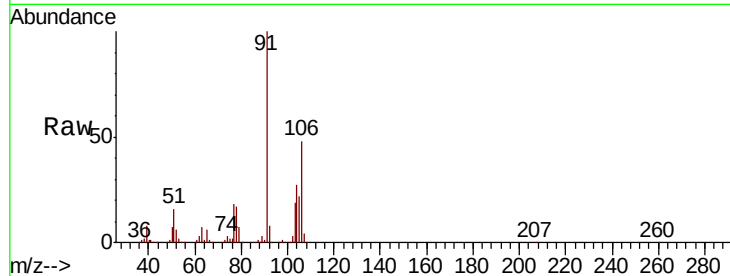




#69
o-Xylene
Concen: 54.367 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY002761.D
Acq: 27 May 2020 13:40

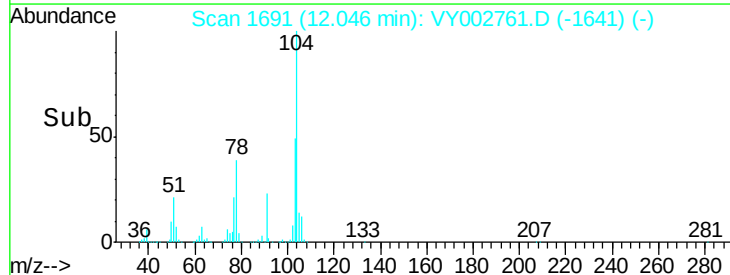
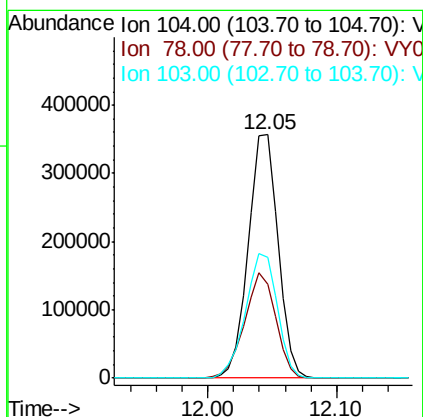
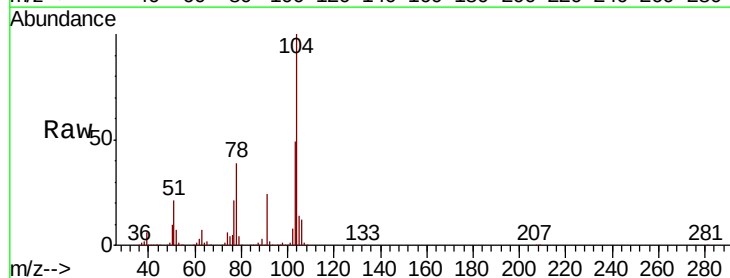
Instrument :
MSVOA_Y
ClientSampleId :
ICVY052720

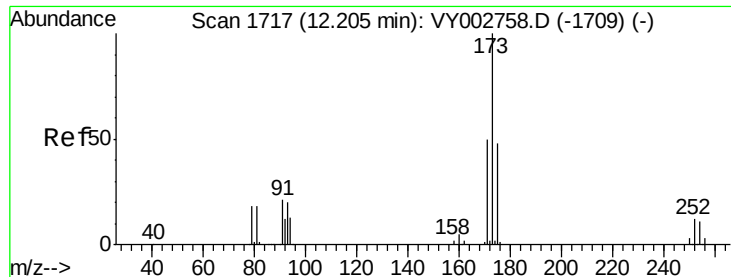
Tot Ion:106 Resp: 329971
Ion Ratio Lower Upper
106 100
91 204.1 102.4 307.1



#70
Styrene
Concen: 54.003 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY002761.D
Acq: 27 May 2020 13:40

Tgt Ion:104 Resp: 568183
Ion Ratio Lower Upper
104 100
78 45.5 36.2 54.4
103 54.8 43.6 65.4





#71

Bromoform

Concen: 55.186 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY002761.D

Acq: 27 May 2020 13:40

Instrument :

MSVOA_Y

ClientSampleId :

ICVY052720

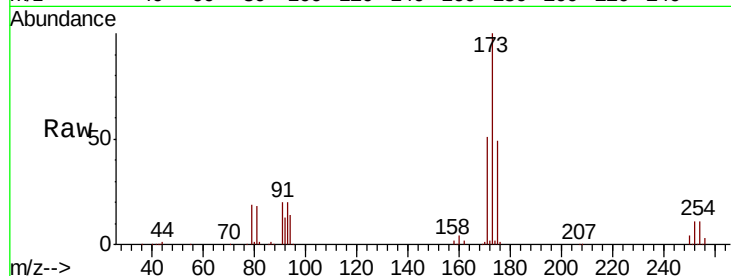
Tot Ion:173 Resp: 133022

Ion Ratio Lower Upper

173 100

175 49.0 24.3 72.8

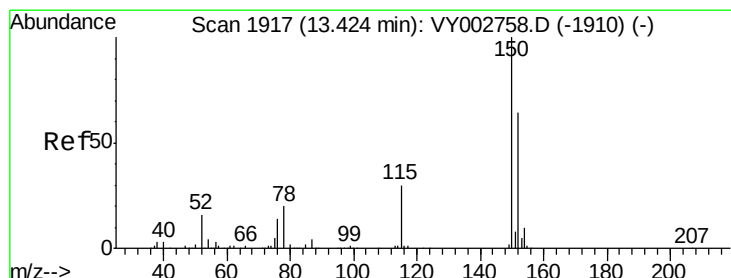
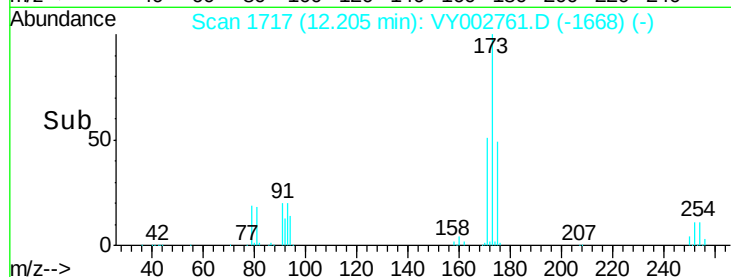
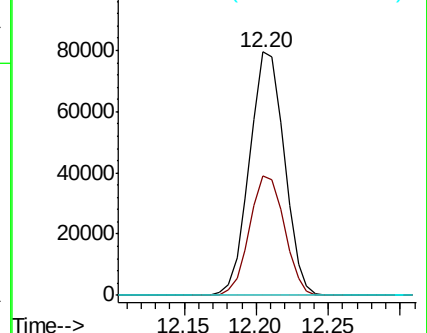
254 0.1 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY002761.D

Acq: 27 May 2020 13:40

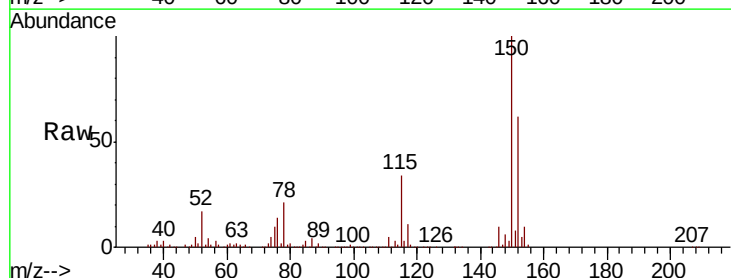
Tgt Ion:152 Resp: 253895

Ion Ratio Lower Upper

152 100

115 54.1 27.0 81.0

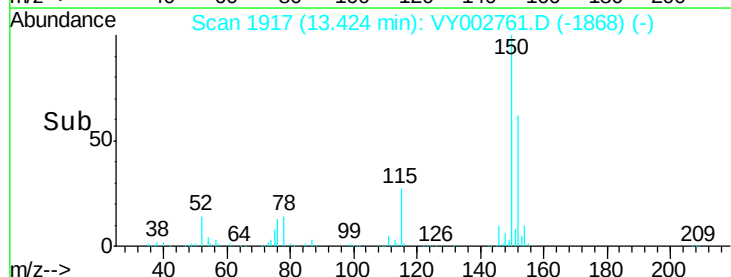
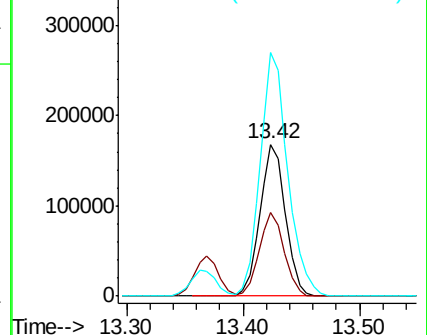
150 174.7 0.0 344.8

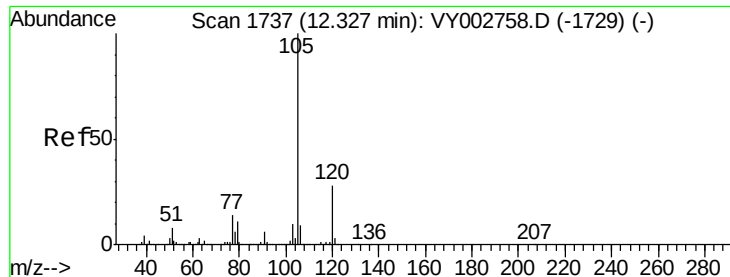


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 54.726 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY002761.D

Acq: 27 May 2020 13:40

Instrument :

MSVOA_Y

ClientSampleId :

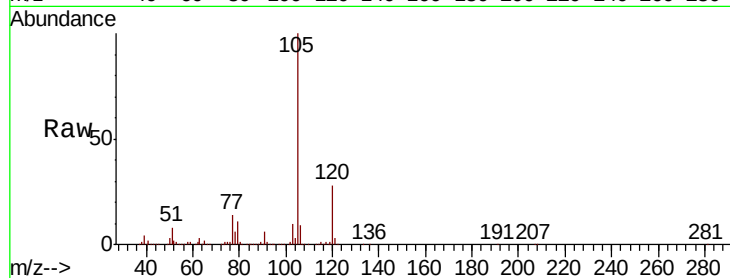
ICVY052720

Tot Ion:105 Resp: 890434

Ion Ratio Lower Upper

105 100

120 27.6 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.33

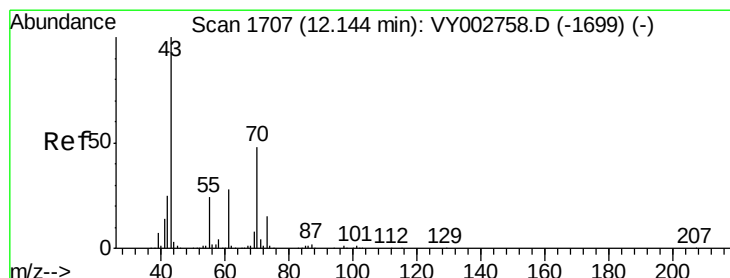
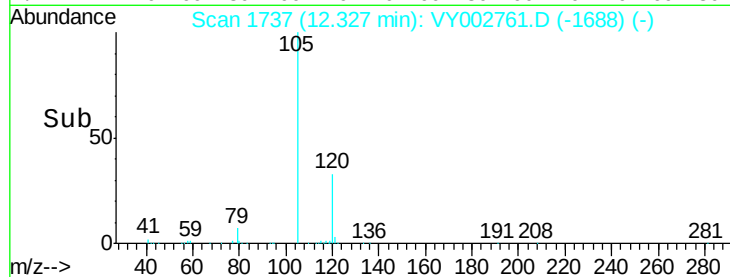
600000

400000

200000

0

Time-->



#74

N-ethyl acetate

Concen: 57.303 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY002761.D

Acq: 27 May 2020 13:40

Tgt Ion: 43 Resp: 239226

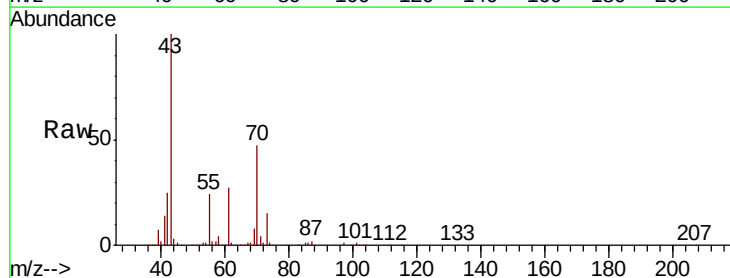
Ion Ratio Lower Upper

43 100

70 47.3 37.7 56.5

55 24.3 19.8 29.6

61 26.7 21.7 32.5



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

250000

200000

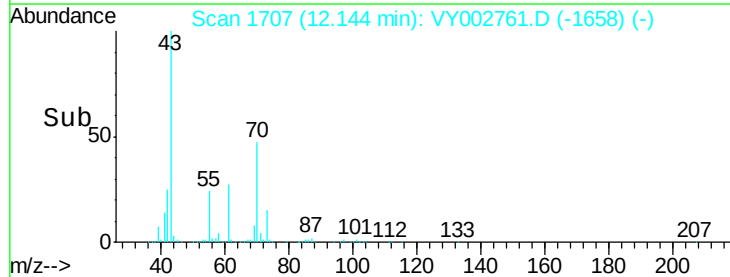
150000

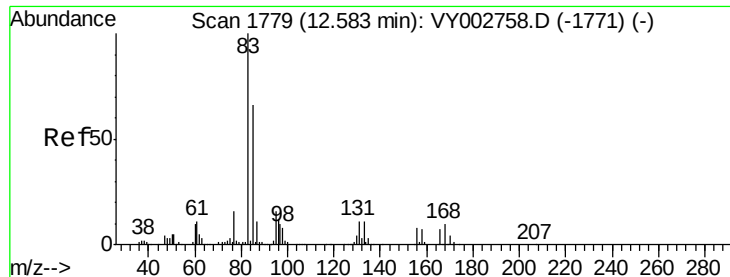
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 57.072 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY002761.D

Acq: 27 May 2020 13:40

Instrument :

MSVOA_Y

ClientSampleId :

ICVY052720

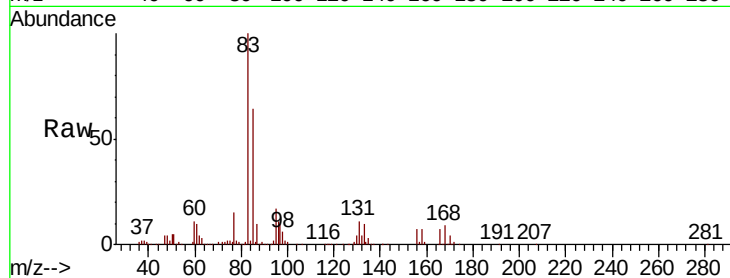
Tot Ion: 83 Resp: 162929

Ion Ratio Lower Upper

83 100

131 11.5 5.8 17.4

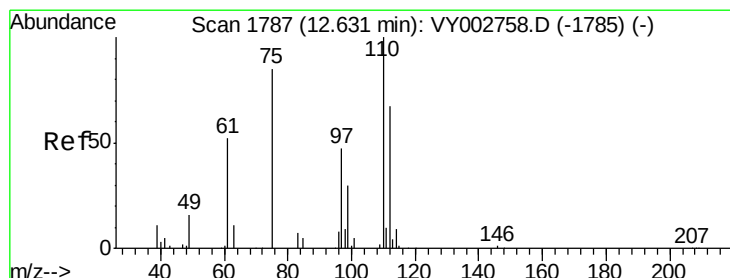
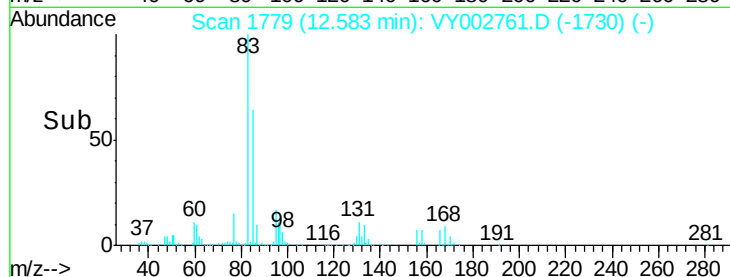
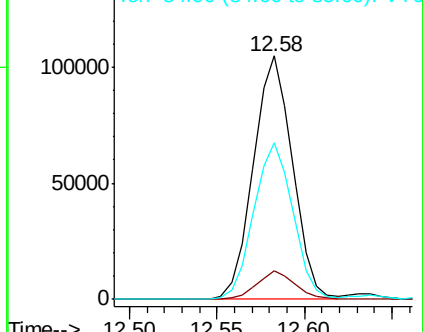
85 64.2 32.6 98.0



Abundance Ion 82.90 (82.60 to 83.60): VY002761.D (-1730) (-)

Ion 130.80 (130.50 to 131.50): VY002761.D (-1730) (-)

Ion 84.90 (84.60 to 85.60): VY002761.D (-1730) (-)



#76

1,2,3-Trichloropropane

Concen: 104.601 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY002761.D

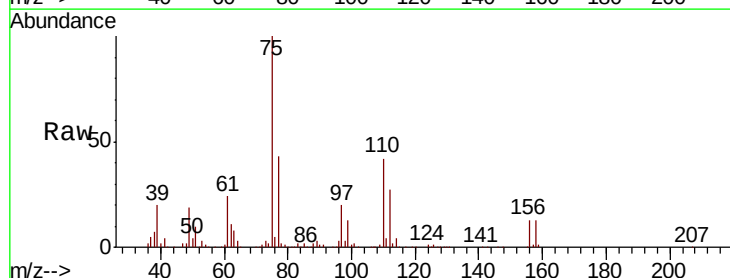
Acq: 27 May 2020 13:40

Tgt Ion: 75 Resp: 239302

Ion Ratio Lower Upper

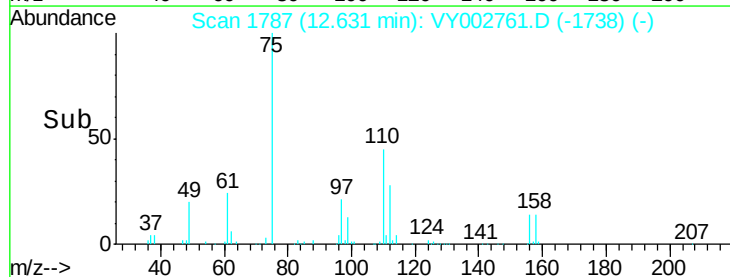
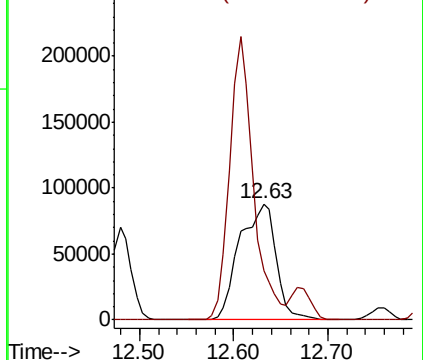
75 100

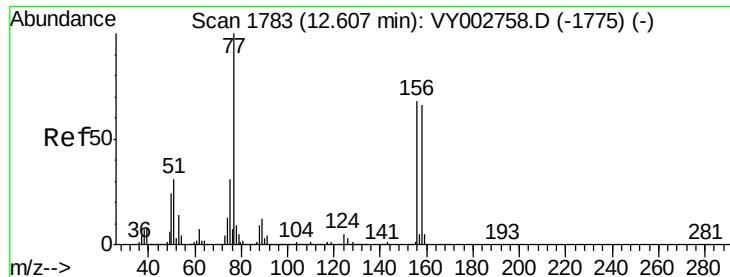
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY002761.D (-1738) (-)

Ion 77.00 (76.70 to 77.70): VY002761.D (-1738) (-)





#77

Bromobenzene

Concen: 53.852 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY002761.D

Acq: 27 May 2020 13:40

Instrument :

MSVOA_Y

ClientSampleId :

ICVY052720

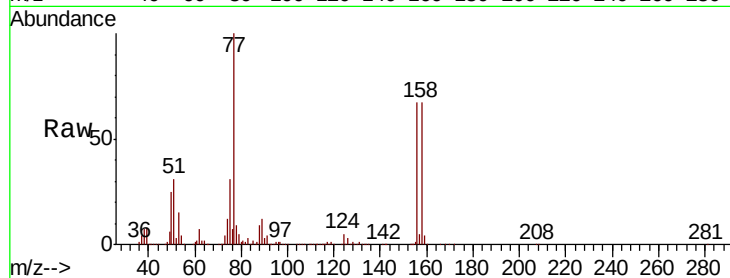
Tot Ion:156 Resp: 228153

Ion Ratio Lower Upper

156 100

77 166.4 81.4 244.2

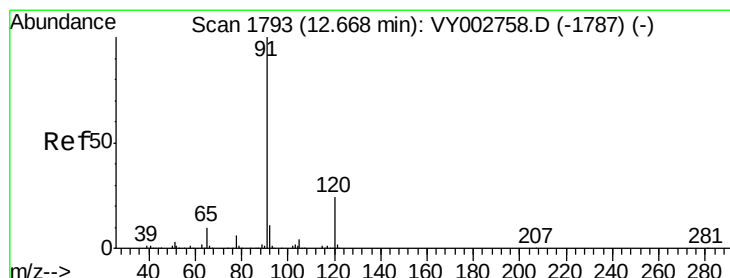
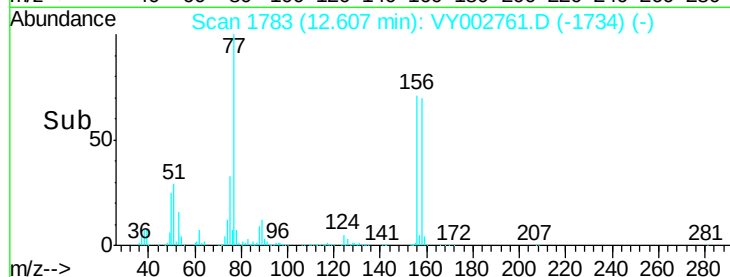
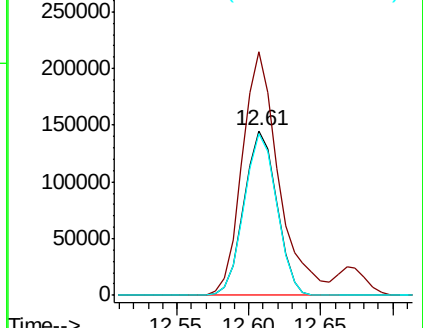
158 98.0 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 54.976 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. 0.01 min

Lab File: VY002761.D

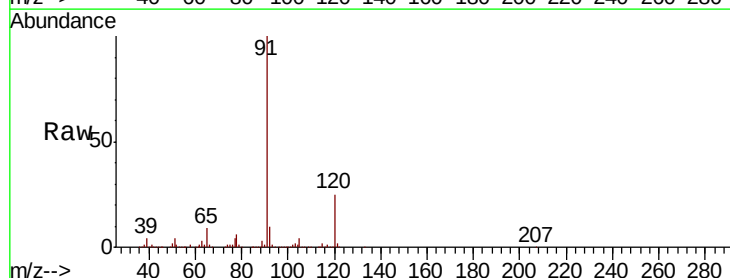
Acq: 27 May 2020 13:40

Tgt Ion: 91 Resp: 1033244

Ion Ratio Lower Upper

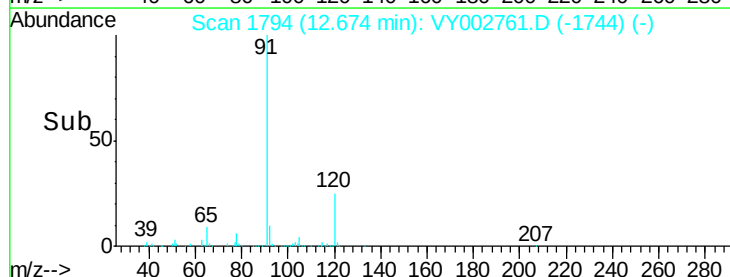
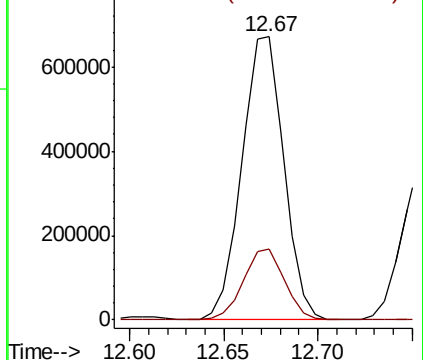
91 100

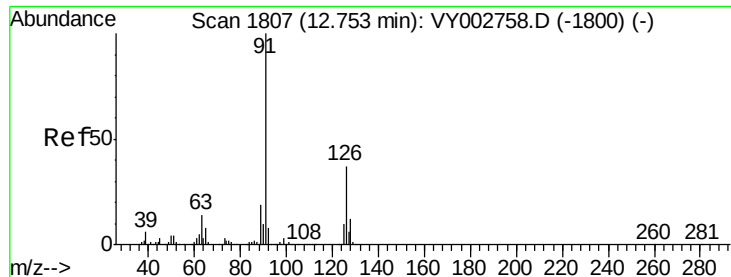
120 24.6 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 54.489 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY002761.D

Acq: 27 May 2020 13:40

Instrument :

MSVOA_Y

ClientSampleId :

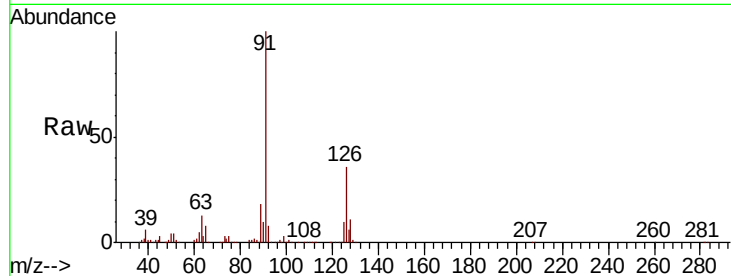
ICVY052720

Tot Ion: 91 Resp: 574466

Ion Ratio Lower Upper

91 100

126 37.0 18.4 55.4



Abundance Ion 91.00 (90.70 to 91.70): VY002761.D (-1758) (-)

Ion 125.90 (125.60 to 126.60): VY002761.D (-1758) (-)

800000

600000

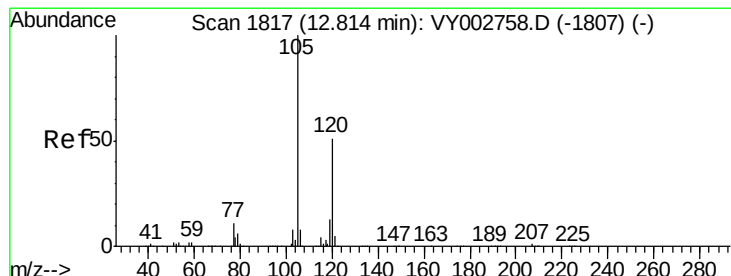
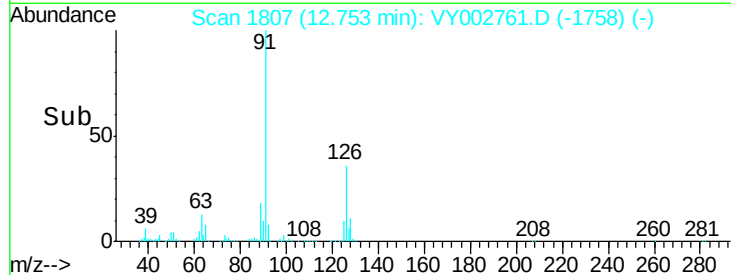
400000

200000

0

12.70 12.75 12.80

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 54.860 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. -0.00 min

Lab File: VY002761.D

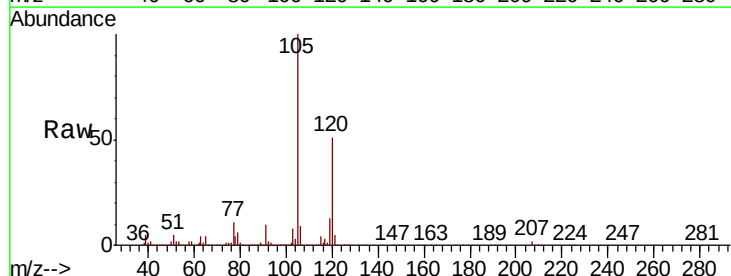
Acq: 27 May 2020 13:40

Tgt Ion: 105 Resp: 745286

Ion Ratio Lower Upper

105 100

120 50.7 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): VY002761.D (-1768) (-)

Ion 120.00 (119.70 to 120.70): VY002761.D (-1768) (-)

500000

400000

300000

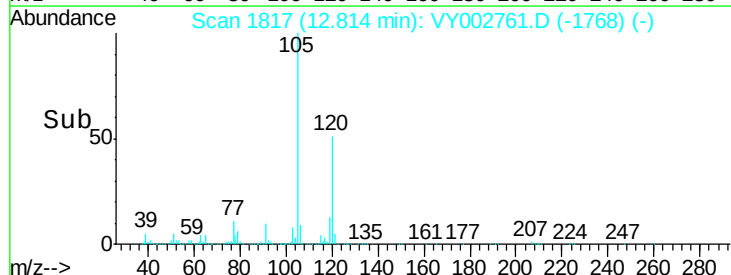
200000

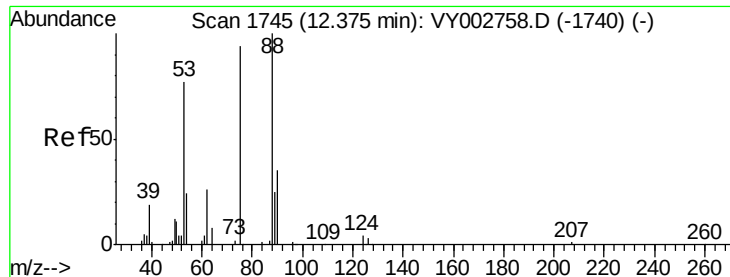
100000

0

12.70 12.80 12.90

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 57.633 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY002761.D

Acq: 27 May 2020 13:40

Instrument :

MSVOA_Y

ClientSampleId :

ICVY052720

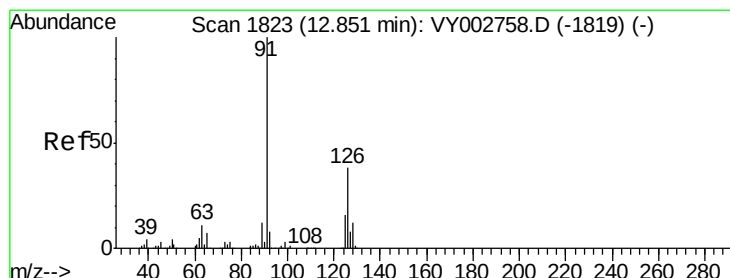
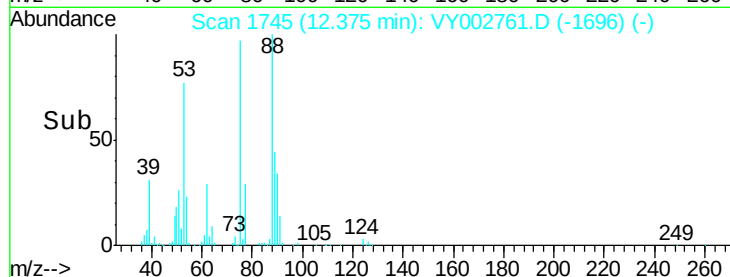
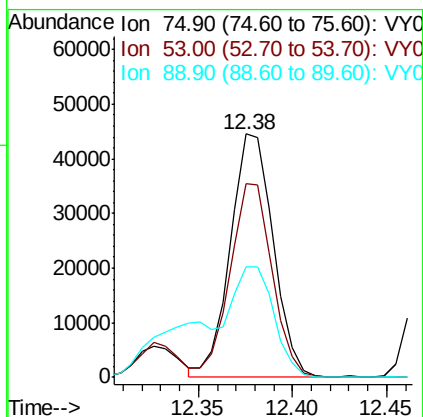
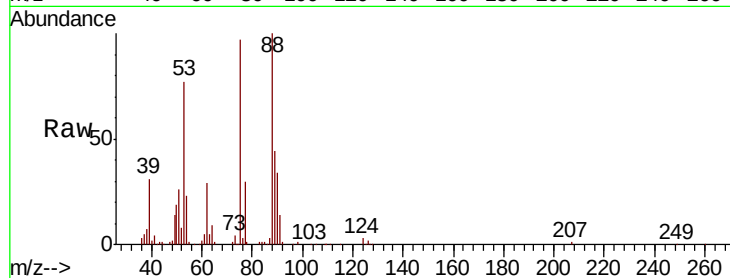
Tot Ion: 75 Resp: 69985

Ion Ratio Lower Upper

75 100

53 78.1 64.0 96.0

89 47.2 37.4 56.2



#82

4-Chlorotoluene

Concen: 54.775 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.00 min

Lab File: VY002761.D

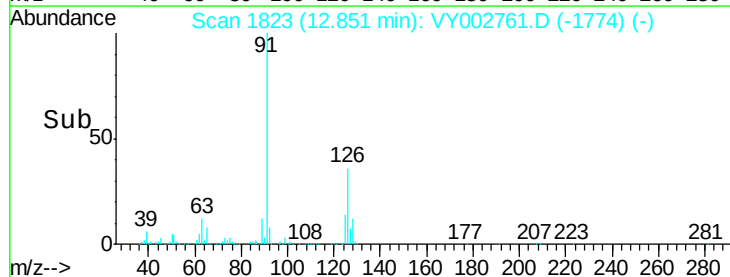
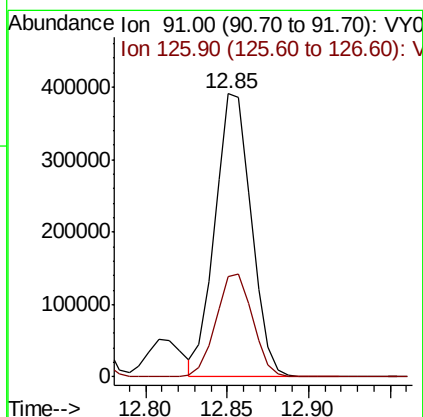
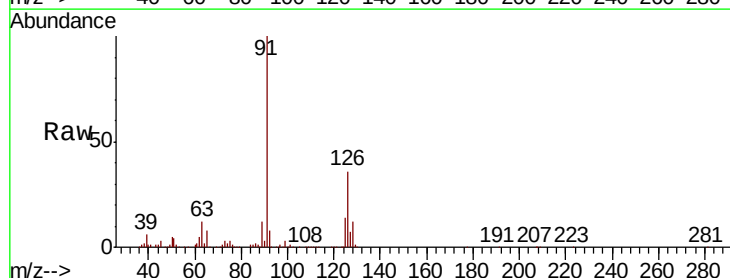
Acq: 27 May 2020 13:40

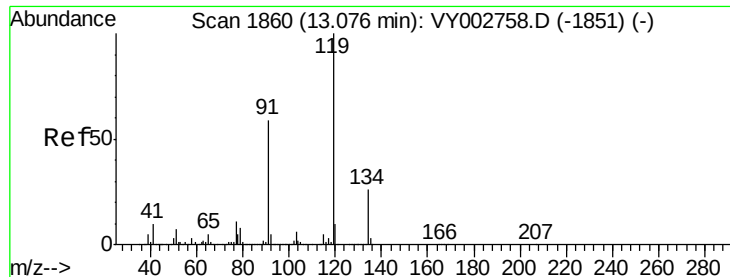
Tgt Ion: 91 Resp: 605028

Ion Ratio Lower Upper

91 100

126 36.9 18.5 55.5

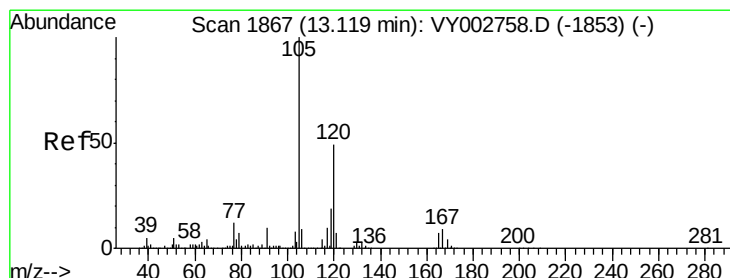
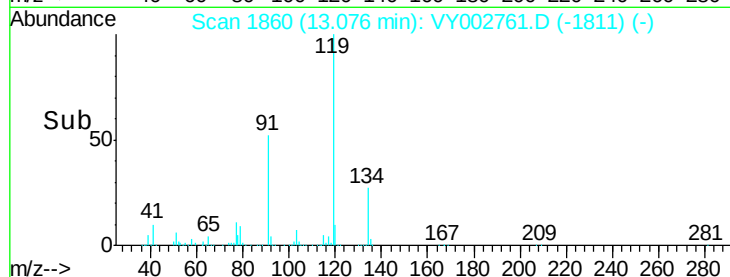
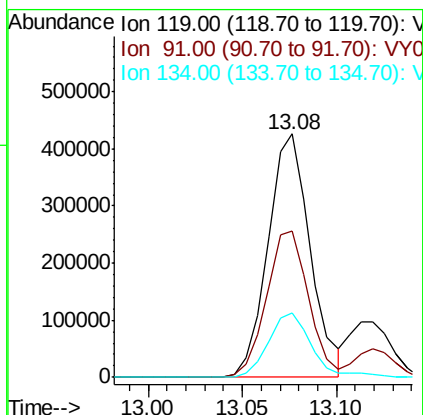
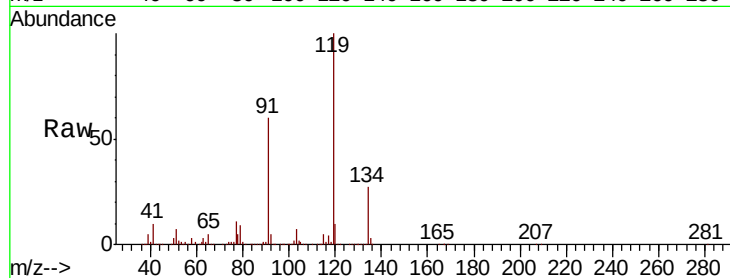




#83
 tert-Butylbenzene
 Concen: 54.582 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. -0.00 min
 Lab File: VY002761.D
 Acq: 27 May 2020 13:40

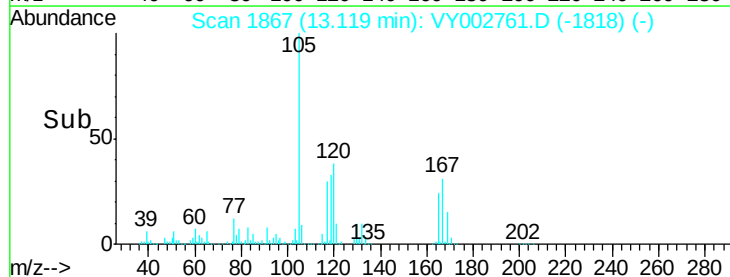
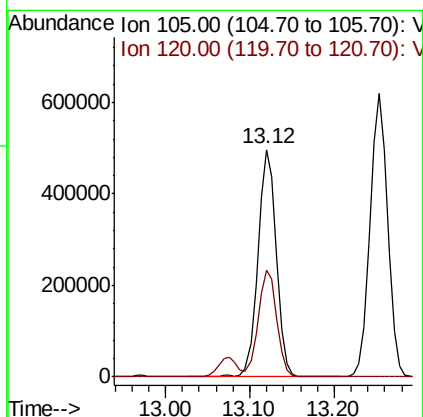
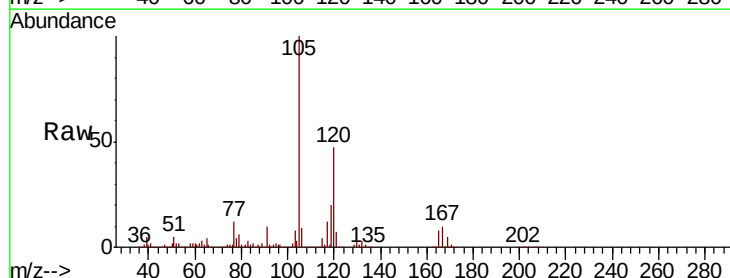
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY052720

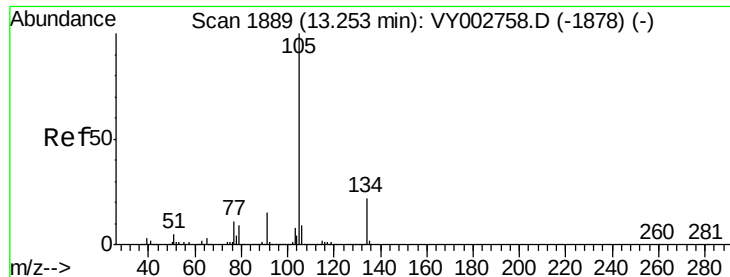
Tot Ion:119 Resp: 661437
 Ion Ratio Lower Upper
 119 100
 91 59.9 29.8 89.4
 134 27.1 13.3 39.8



#84
 1,2,4-Trimethylbenzene
 Concen: 54.408 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VY002761.D
 Acq: 27 May 2020 13:40

Tgt Ion:105 Resp: 743213
 Ion Ratio Lower Upper
 105 100
 120 46.9 23.6 70.8





#85

sec-Butylbenzene

Concen: 54.397 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY002761.D

Acq: 27 May 2020 13:40

Instrument :

MSVOA_Y

ClientSampleId :

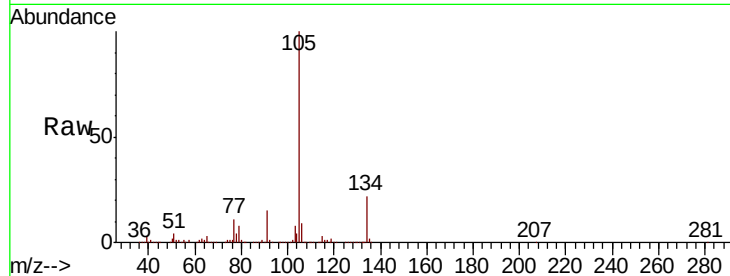
ICVY052720

Tot Ion:105 Resp: 901318

Ion Ratio Lower Upper

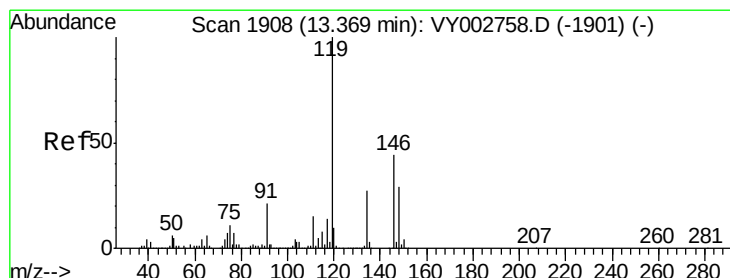
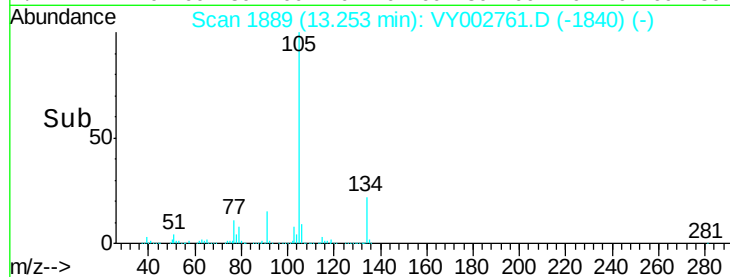
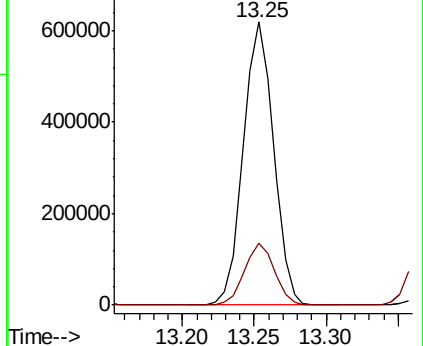
105 100

134 21.7 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 54.793 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY002761.D

Acq: 27 May 2020 13:40

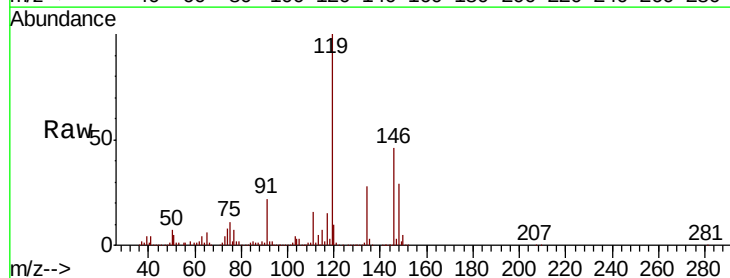
Tgt Ion:119 Resp: 844775

Ion Ratio Lower Upper

119 100

134 27.4 13.7 41.0

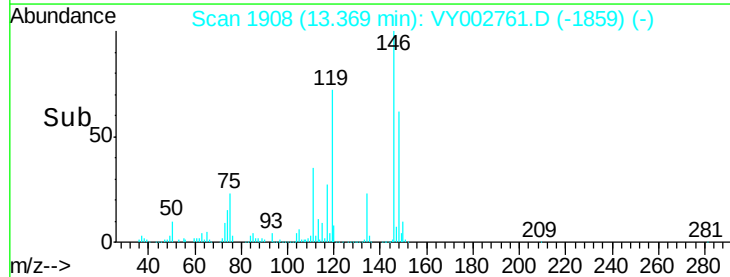
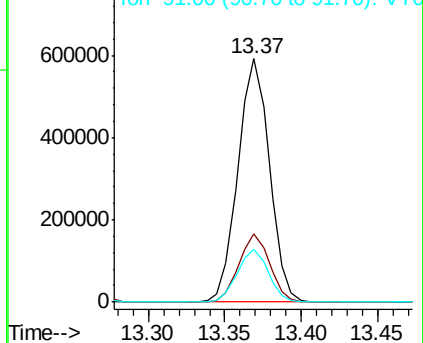
91 21.4 10.8 32.4

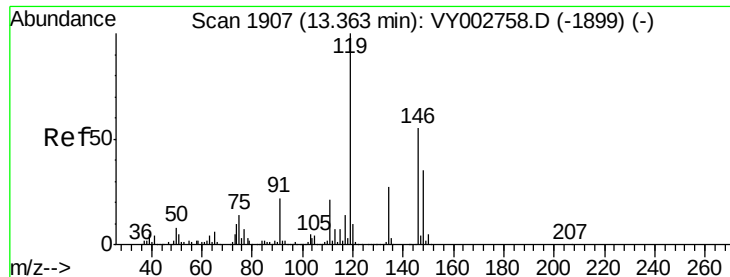


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

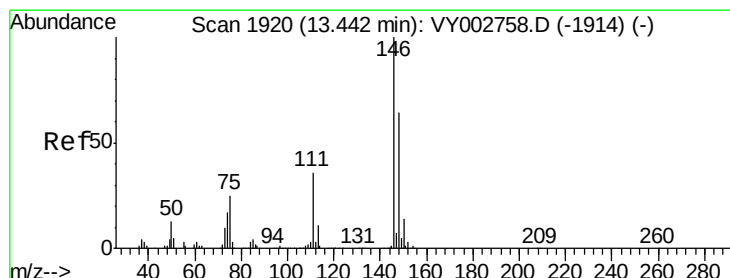
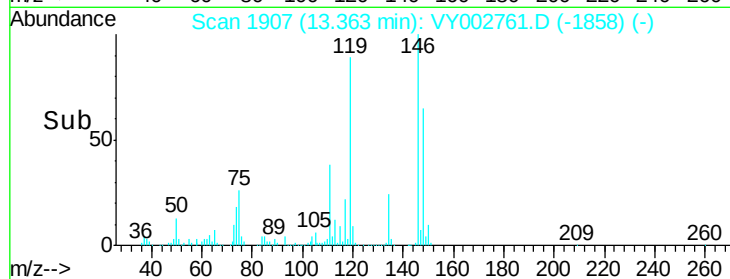
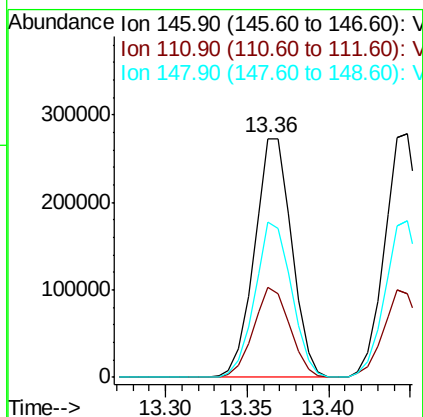
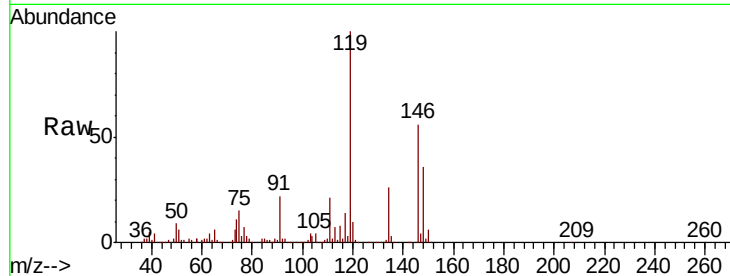




#87
 1,3-Dichlorobenzene
 Concen: 53.810 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY002761.D
 Acq: 27 May 2020 13:40

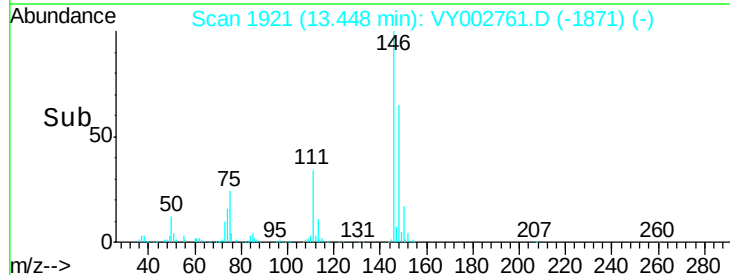
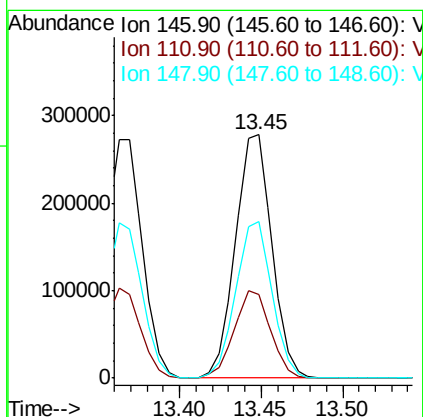
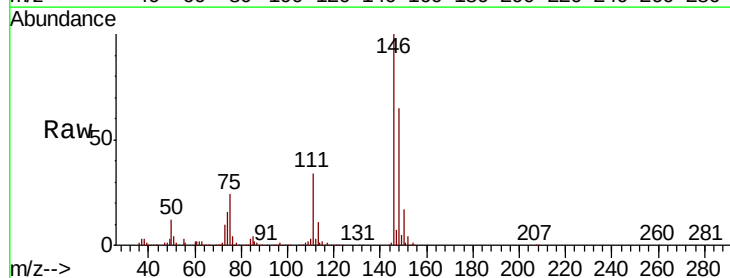
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY052720

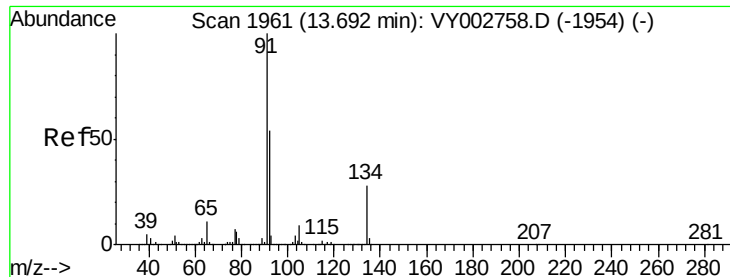
Tot Ion:146 Resp: 431828
 Ion Ratio Lower Upper
 146 100
 111 36.7 18.4 55.0
 148 63.6 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 54.070 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. 0.01 min
 Lab File: VY002761.D
 Acq: 27 May 2020 13:40

Tgt Ion:146 Resp: 434059
 Ion Ratio Lower Upper
 146 100
 111 35.5 18.1 54.3
 148 64.0 32.1 96.3

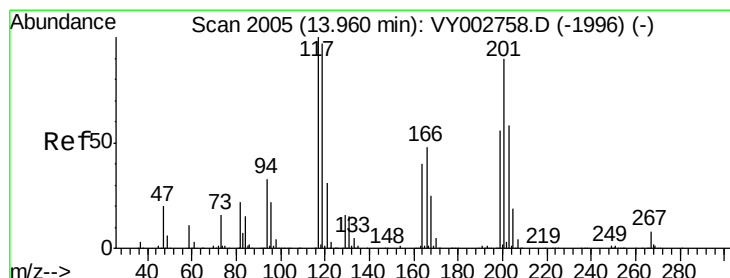
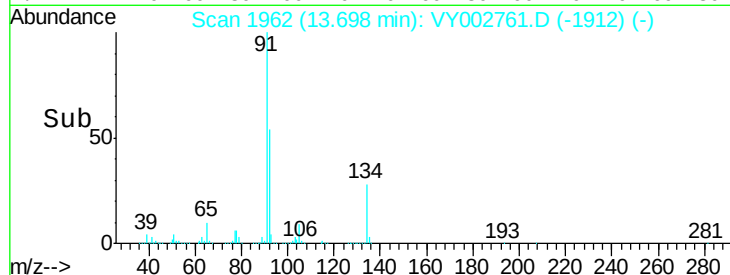
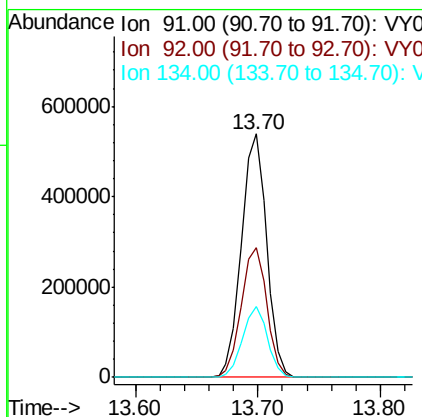
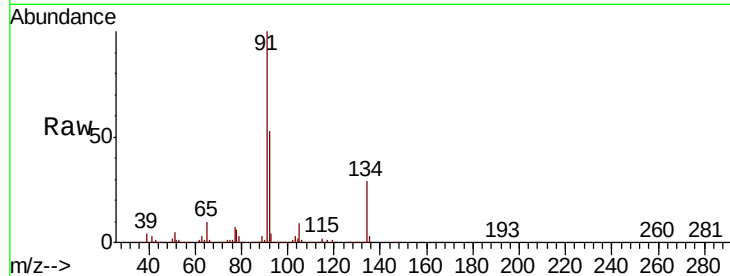




#89
n-Butylbenzene
Concen: 55.000 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY002761.D
Acq: 27 May 2020 13:40

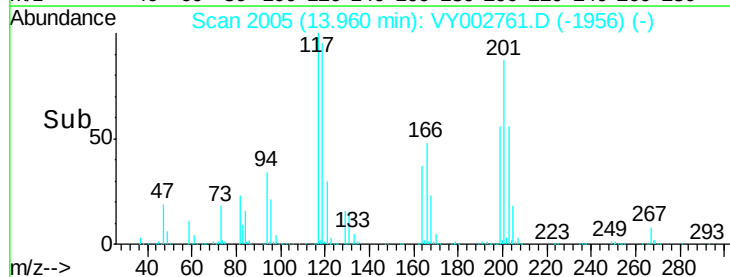
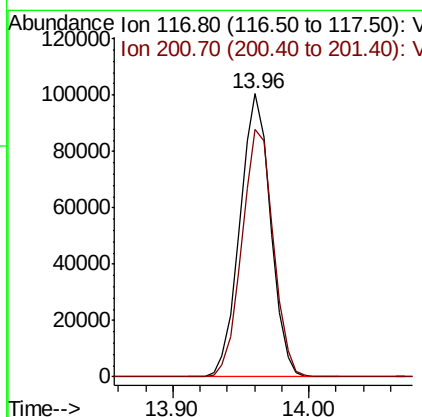
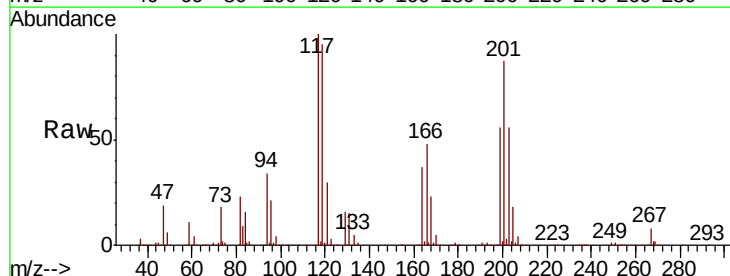
Instrument :
MSVOA_Y
ClientSampleId :
ICVY052720

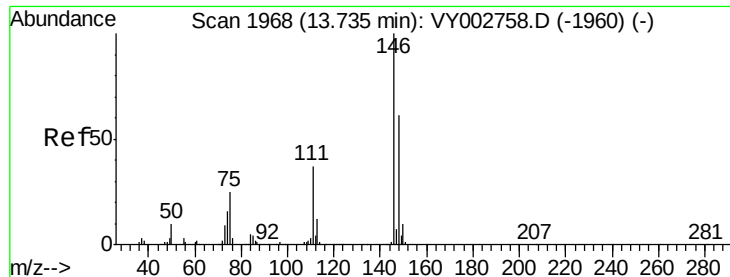
Tot Ion: 91 Resp: 769866
Ion Ratio Lower Upper
91 100
92 54.0 27.1 81.2
134 28.7 14.3 42.9



#90
Hexachloroethane
Concen: 54.796 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY002761.D
Acq: 27 May 2020 13:40

Tgt Ion: 117 Resp: 158160
Ion Ratio Lower Upper
117 100
201 89.5 43.9 131.6

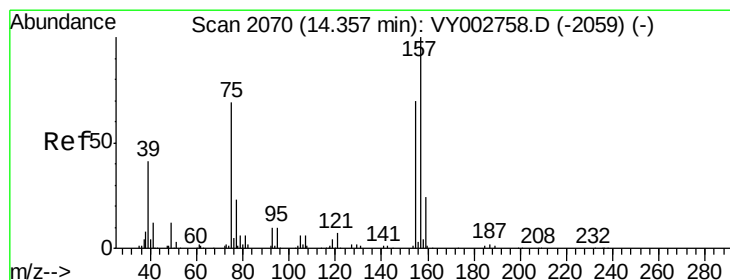
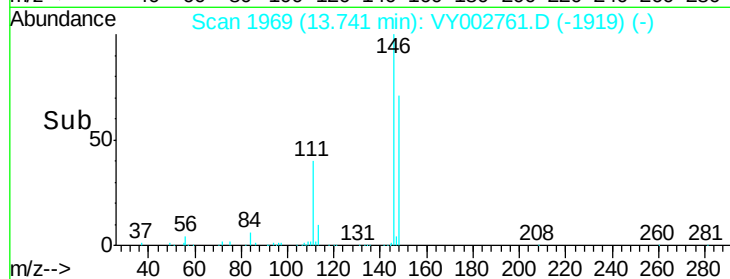
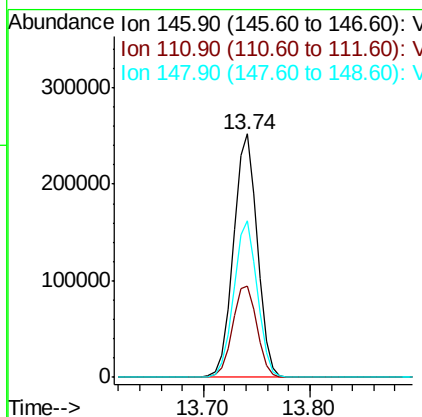
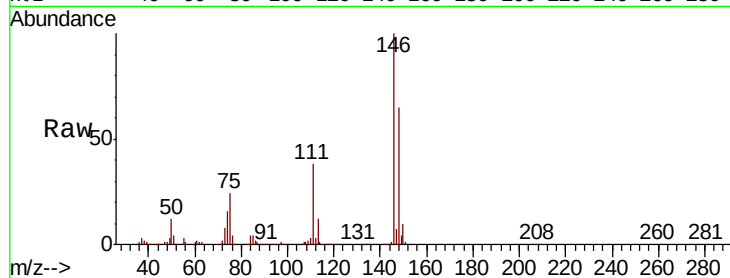




#91
 1,2-Dichlorobenzene
 Concen: 54.199 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.01 min
 Lab File: VY002761.D
 Acq: 27 May 2020 13:40

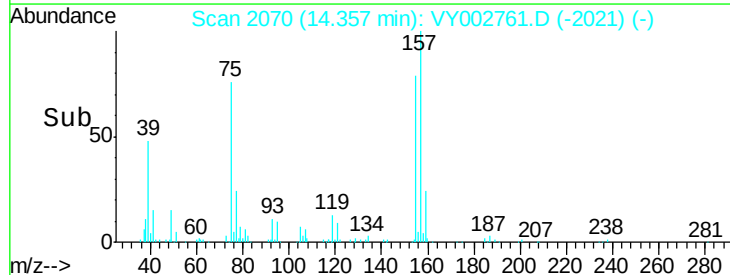
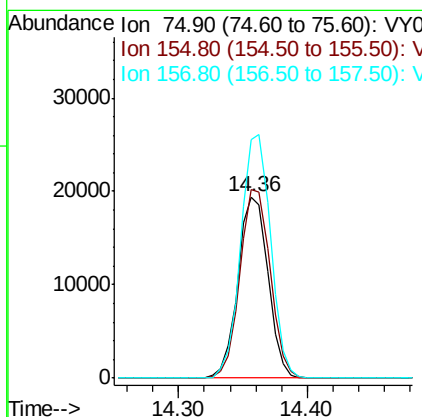
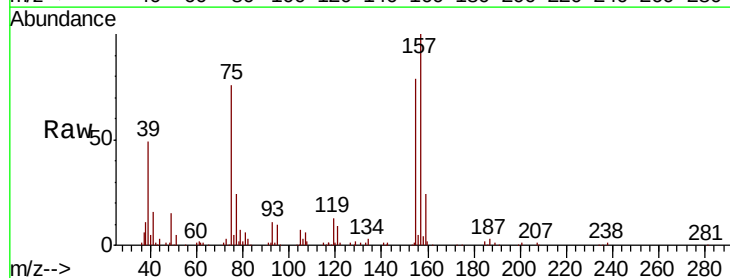
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY052720

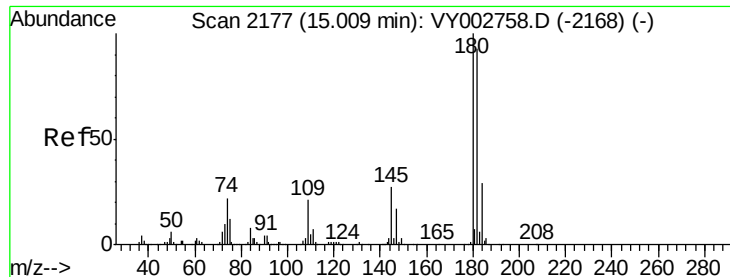
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	18.9	56.9
148	63.8	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 57.325 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY002761.D
 Acq: 27 May 2020 13:40

Tgt Ion	Ratio	Lower	Upper
75	100		
155	104.1	53.5	160.5
157	132.0	69.9	209.7

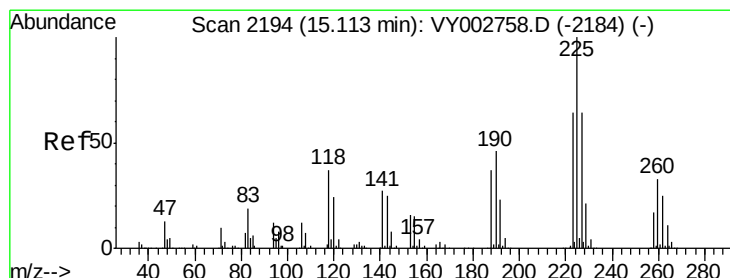
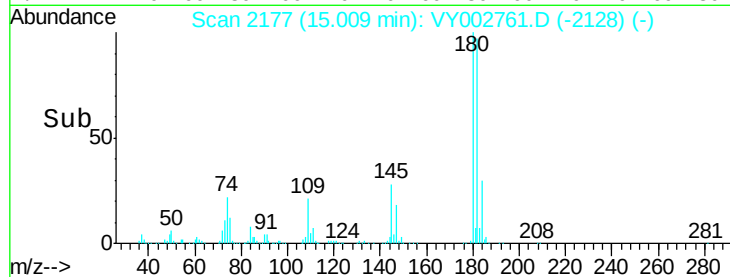
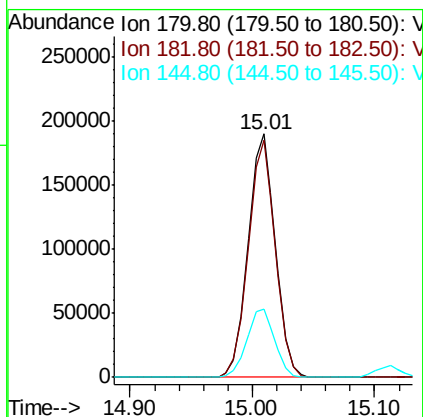
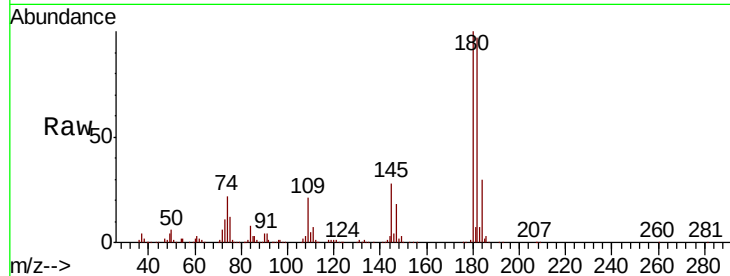




#93
 1,2,4-Trichlorobenzene
 Concen: 53.484 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: VY002761.D
 Acq: 27 May 2020 13:40

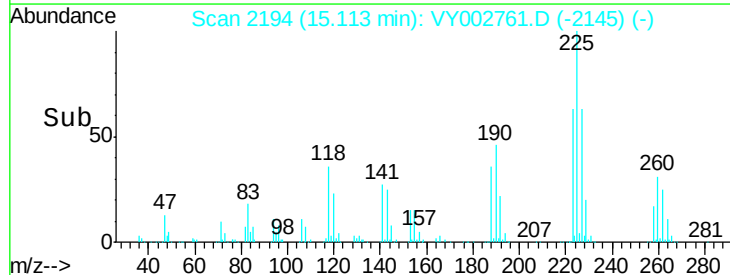
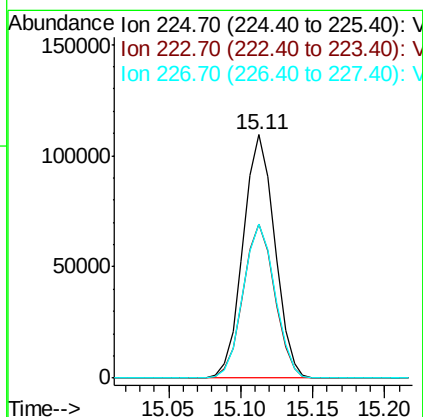
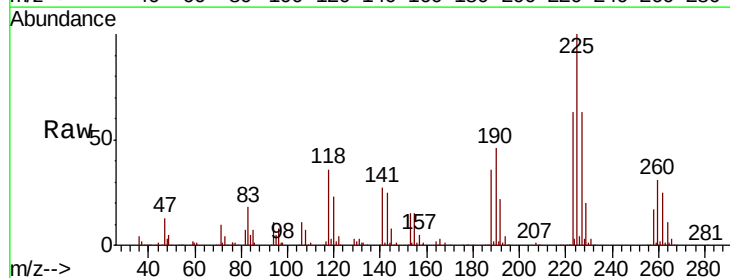
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY052720

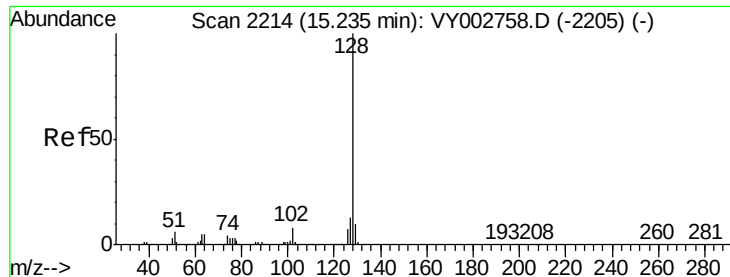
Tot Ion:180 Resp: 293398
 Ion Ratio Lower Upper
 180 100
 182 96.6 47.3 141.9
 145 28.7 14.1 42.3



#94
 Hexachlorobutadiene
 Concen: 53.587 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY002761.D
 Acq: 27 May 2020 13:40

Tgt Ion:225 Resp: 166732
 Ion Ratio Lower Upper
 225 100
 223 63.0 31.6 95.0
 227 63.7 32.3 96.9

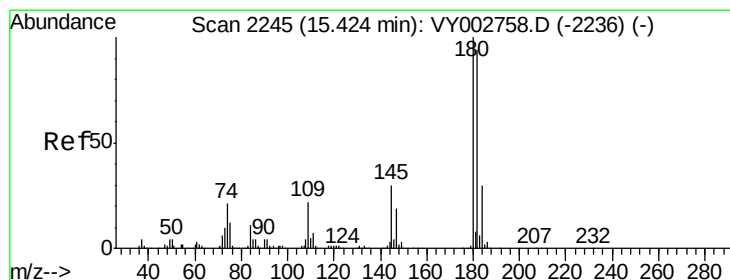
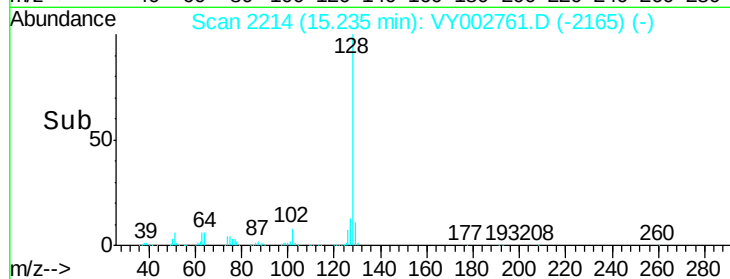
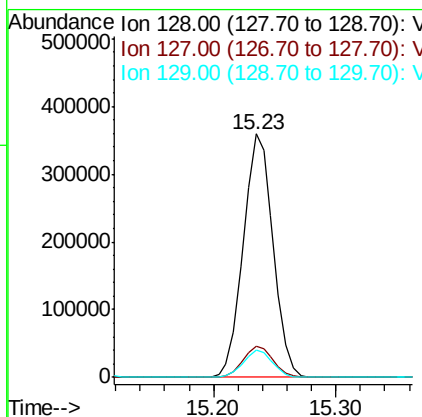
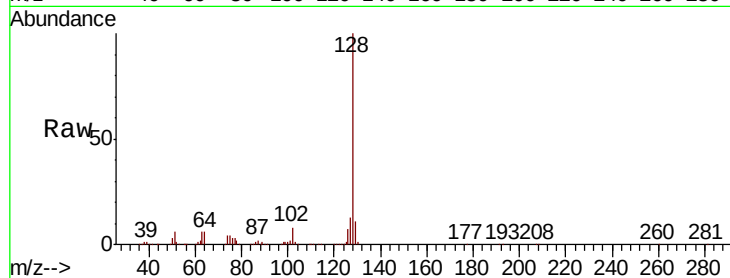




#95
Naphthalene
Concen: 54.976 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY002761.D
Acq: 27 May 2020 13:40

Instrument :
MSVOA_Y
ClientSampleId :
ICVY052720

Tot Ion:128 Resp: 604686
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 53.955 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY002761.D
Acq: 27 May 2020 13:40

Tgt Ion:180 Resp: 264312
Ion Ratio Lower Upper
180 100
182 95.8 48.1 144.4
145 29.8 15.1 45.3

