

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY060320\
 Data File : VY002833.D
 Acq On : 03 Jun 2020 15:37
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 03 17:31:05 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	379161	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	563525	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	511869	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	264947	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	156834	47.64	ug/l	0.00
Spiked Amount			Recovery	=	95.28%	
35) Dibromofluoromethane	7.72	113	164967	49.95	ug/l	0.00
Spiked Amount			Recovery	=	99.90%	
50) Toluene-d8	10.18	98	629199	47.12	ug/l	0.00
Spiked Amount			Recovery	=	94.24%	
62) 4-Bromofluorobenzene	12.49	95	218252	47.83	ug/l	0.00
Spiked Amount			Recovery	=	95.66%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	114276	43.802	ug/l	98
3) Chloromethane	2.12	50	129703	44.946	ug/l	98
4) Vinyl Chloride	2.26	62	146902	48.162	ug/l	100
5) Bromomethane	2.65	94	102406	44.802	ug/l	97
6) Chloroethane	2.80	64	93801	47.439	ug/l	98
7) Trichlorofluoromethane	3.13	101	248856	46.067	ug/l	96
8) Diethyl Ether	3.54	74	94168	44.643	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.91	101	162394	50.631	ug/l	99
10) Methyl Iodide	4.10	142	212318	47.308	ug/l	98
11) Tert butyl alcohol	4.97	59	80750	227.038	ug/l	99
12) 1,1-Dichloroethene	3.88	96	154805	47.993	ug/l	96
13) Acrolein	3.74	56	101100	262.050	ug/l	99
14) Allyl chloride	4.49	41	238190	51.487	ug/l	97
15) Acrylonitrile	5.18	53	236963	249.016	ug/l	100
16) Acetone	3.96	43	200647	259.915	ug/l	99
17) Carbon Disulfide	4.20	76	445246	45.679	ug/l	99
18) Methyl Acetate	4.49	43	100636	51.991	ug/l	98
19) Methyl tert-butyl Ether	5.22	73	439709	49.379	ug/l	99
20) Methylene Chloride	4.72	84	177164	46.961	ug/l	99
21) trans-1,2-Dichloroethene	5.23	96	172266	47.489	ug/l	99
22) Diisopropyl ether	6.12	45	494117	51.398	ug/l	94
23) Vinyl Acetate	6.07	43	1676813	264.186	ug/l	99
24) 1,1-Dichloroethane	6.02	63	282936	50.312	ug/l	99
25) 2-Butanone	7.00	43	303998	252.756	ug/l	98
26) 2,2-Dichloropropane	6.99	77	255772	47.422	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	196307	48.341	ug/l	99
28) Bromochloromethane	7.34	49	116684	50.543	ug/l	96
29) Tetrahydrofuran	7.35	42	197116	251.959	ug/l	99
30) Chloroform	7.52	83	290988	48.762	ug/l	97
31) Cyclohexane	7.79	56	260501	46.655	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	261361	47.000	ug/l	99
36) 1,1-Dichloropropene	7.93	75	228159	48.064	ug/l	99
37) Ethyl Acetate	7.08	43	127542	49.383	ug/l	98
38) Carbon Tetrachloride	7.90	117	242242	45.936	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	295525	47.231	ug/l	97
40) Benzene	8.16	78	663587	47.310	ug/l	99
41) Methacrylonitrile	7.32	41	70386m	50.728	ug/l	
42) 1,2-Dichloroethane	8.24	62	182385	46.397	ug/l	100
43) Isopropyl Acetate	8.28	43	248925	50.860	ug/l	99
44) Trichloroethene	8.94	130	204417	46.138	ug/l	99
45) 1,2-Dichloropropane	9.22	63	166566	49.519	ug/l	99
46) Dibromomethane	9.31	93	97882	48.998	ug/l	97
47) Bromodichloromethane	9.50	83	229259	48.681	ug/l	99
48) Methyl methacrylate	9.30	41	113306	51.283	ug/l	96
49) 1,4-Dioxane	9.30	88	26693	870.238	ug/l	95
51) 4-Methyl-2-Pentanone	10.07	43	656941	253.484	ug/l	100
52) Toluene	10.24	92	431290	47.003	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	249435	48.492	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	283327	48.610	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	147015	48.070	ug/l	95
56) Ethyl methacrylate	10.51	69	205055	50.058	ug/l	99
57) 1,3-Dichloropropane	10.79	76	244466	48.599	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	521412	260.498	ug/l	99
59) 2-Hexanone	10.83	43	463513	252.069	ug/l	100
60) Dibromochloromethane	10.99	129	182970	47.189	ug/l	99
61) 1,2-Dibromoethane	11.09	107	145671	48.285	ug/l	99
64) Tetrachloroethene	10.72	164	205040	44.074	ug/l	98
65) Chlorobenzene	11.52	112	482445	47.686	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	184595	48.446	ug/l	99
67) Ethyl Benzene	11.60	91	837626	47.757	ug/l	100
68) m/p-Xylenes	11.70	106	648549	95.371	ug/l	99
69) o-Xylene	12.03	106	308609	48.072	ug/l	99
70) Styrene	12.05	104	536993	48.253	ug/l	100
71) Bromoform	12.21	173	123221	48.330	ug/l	100
73) Isopropylbenzene	12.33	105	833261	49.076	ug/l	100
74) N-amyl acetate	12.14	43	228873	52.536	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	160045	53.724	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	128233m	53.714	ug/l	
77) Bromobenzene	12.61	156	214198	48.450	ug/l	98
78) n-propylbenzene	12.67	91	970252	49.471	ug/l	99
79) 2-Chlorotoluene	12.76	91	535577	48.681	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	688241	48.547	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	65899	52.005	ug/l	98
82) 4-Chlorotoluene	12.86	91	563018	48.845	ug/l	99
83) tert-Butylbenzene	13.08	119	613307	48.499	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	690564	48.445	ug/l	100
85) sec-Butylbenzene	13.25	105	844163	48.822	ug/l	99
86) p-Isopropyltoluene	13.37	119	786438	48.881	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	397982	47.524	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	395869	47.255	ug/l	100
89) n-Butylbenzene	13.70	91	715248	48.966	ug/l	100
90) Hexachloroethane	13.96	117	148807	49.405	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	363009	47.797	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	29555	51.566	ug/l	95

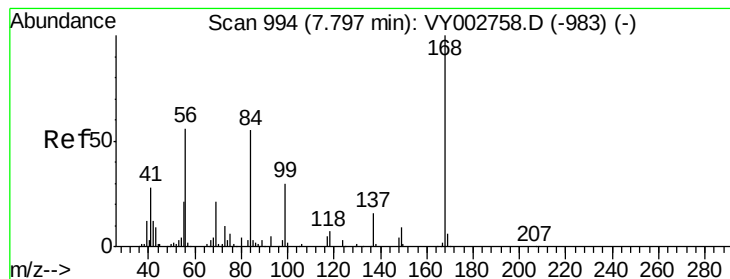
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	271720	47.466	ug/l	99
94) Hexachlorobutadiene	15.11	225	155507	47.895	ug/l	99
95) Naphthalene	15.24	128	556995	48.528	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	241179	47.179	ug/l	100

(#) = 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: VY002833.D

Acq: 03 Jun 2020 15:37

Instrument :

MSVOA_Y

ClientSampleId :

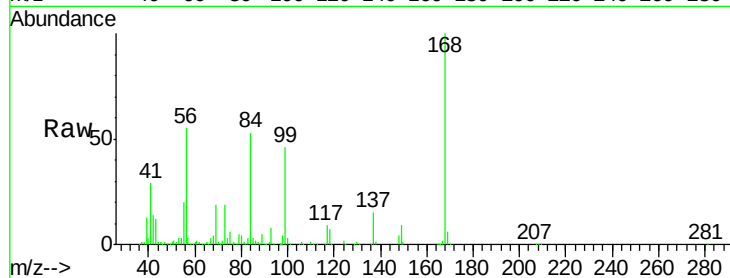
VSTDCCC050EC

Tot Ion:168 Resp: 379161

Ion Ratio Lower Upper

168 100

99 46.5 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

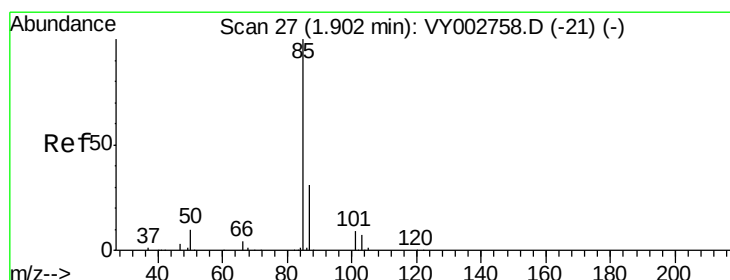
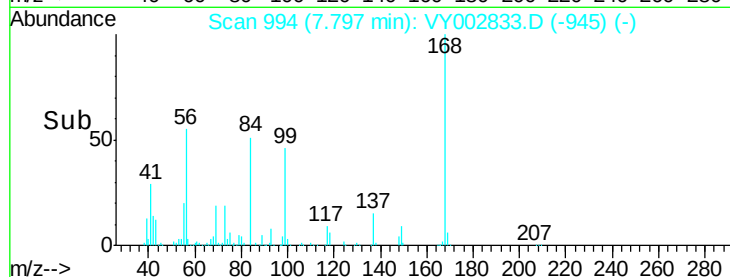
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 43.802 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY002833.D

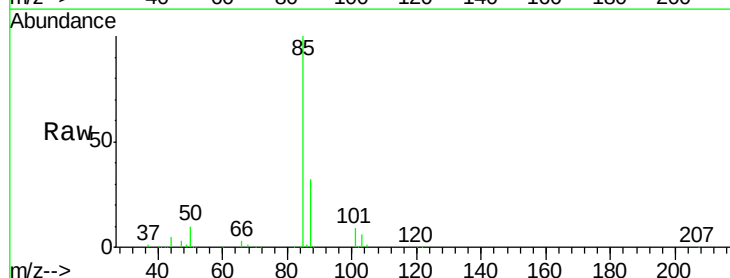
Acq: 03 Jun 2020 15:37

Tgt Ion: 85 Resp: 114276

Ion Ratio Lower Upper

85 100

87 32.3 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

80000

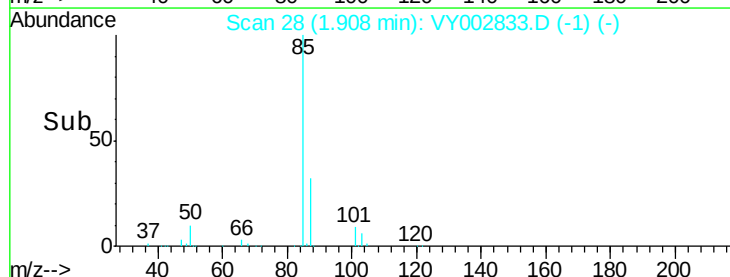
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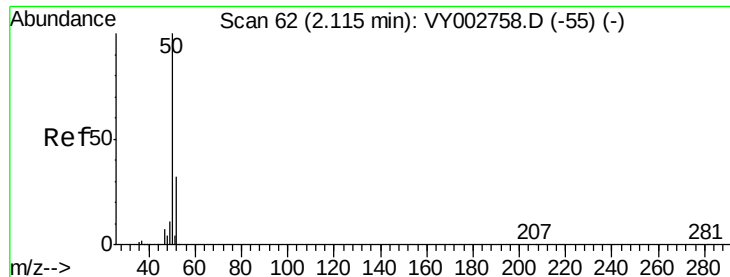
40000

20000

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Time-->





#3

Chloromethane

Concen: 44.946 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY002833.D

Acq: 03 Jun 2020 15:37

Instrument :

MSVOA_Y

ClientSampleId :

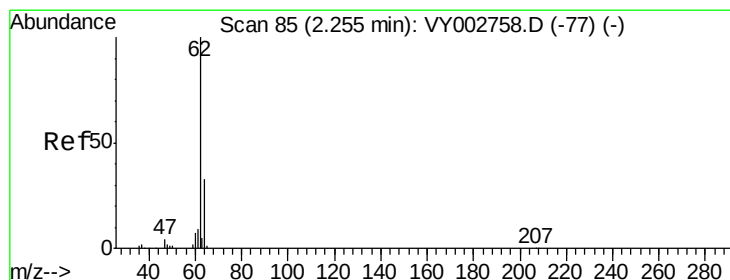
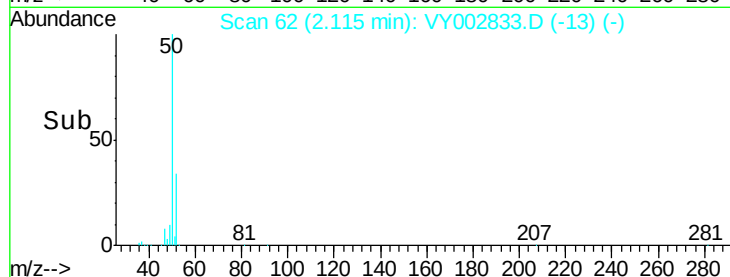
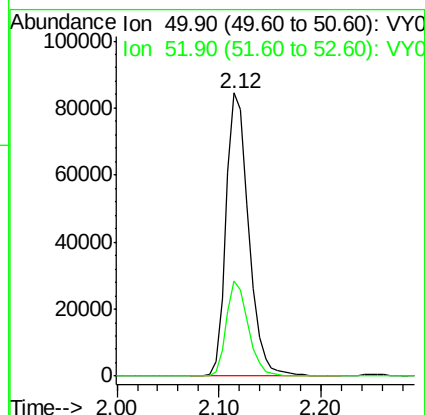
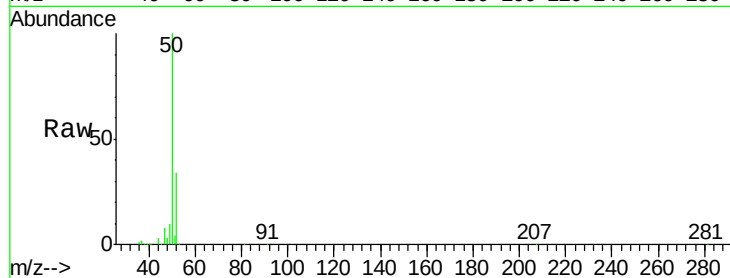
VSTDCCC050EC

Tot Ion: 50 Resp: 129703

Ion Ratio Lower Upper

50 100

52 33.5 25.8 38.6



#4

Vinyl Chloride

Concen: 48.162 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.00 min

Lab File: VY002833.D

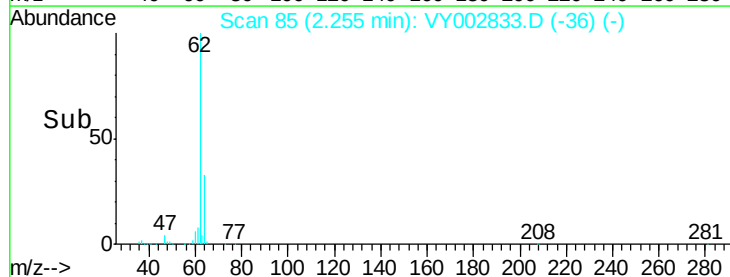
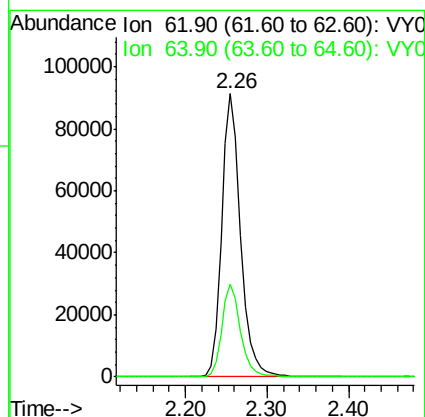
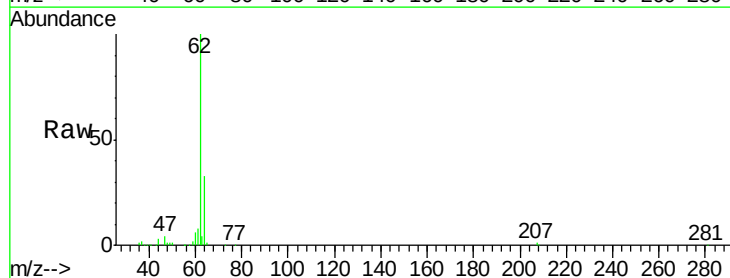
Acq: 03 Jun 2020 15:37

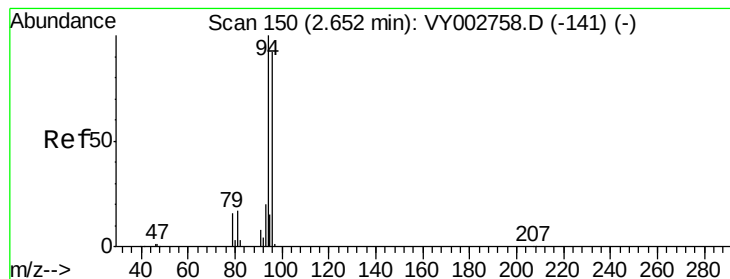
Tgt Ion: 62 Resp: 146902

Ion Ratio Lower Upper

62 100

64 32.6 26.1 39.1





#5

Bromomethane

Concen: 44.802 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.00 min

Lab File: VY002833.D

Acq: 03 Jun 2020 15:37

Instrument :

MSVOA_Y

ClientSampleId :

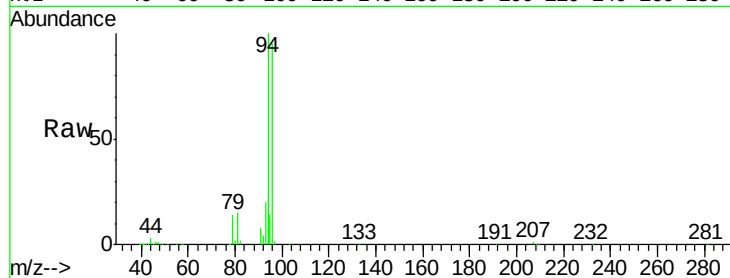
VSTDCCC050EC

Tot Ion: 94 Resp: 102406

Ion Ratio Lower Upper

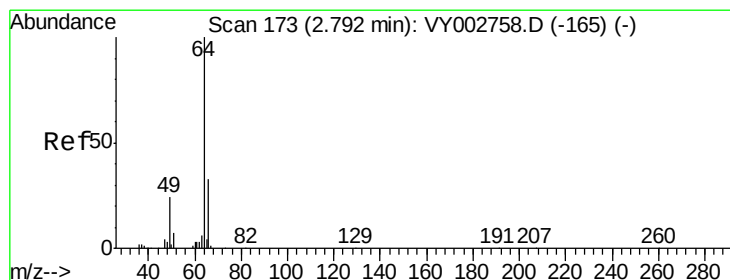
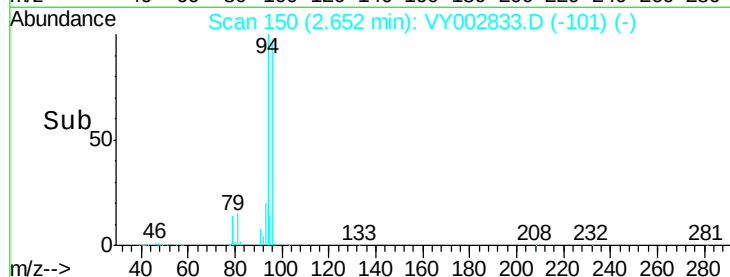
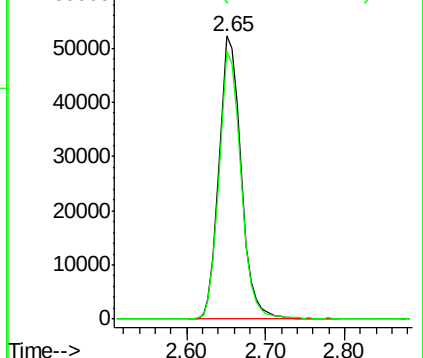
94 100

96 94.8 73.7 110.5



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 47.439 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.01 min

Lab File: VY002833.D

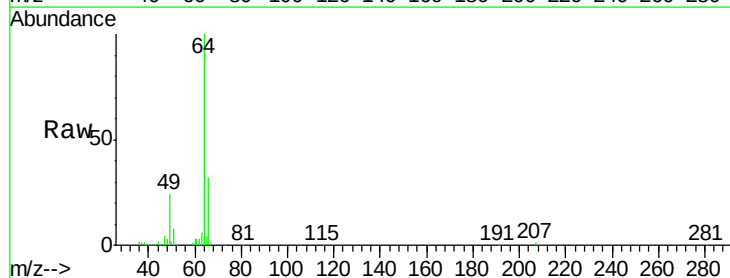
Acq: 03 Jun 2020 15:37

Tgt Ion: 64 Resp: 93801

Ion Ratio Lower Upper

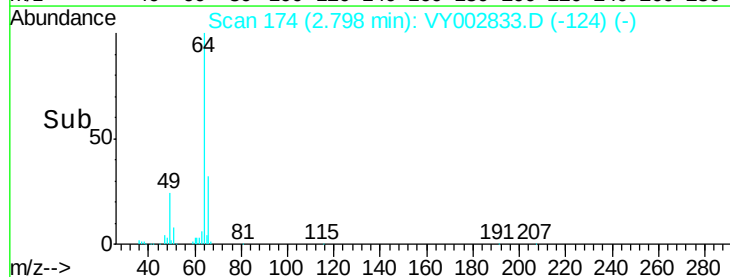
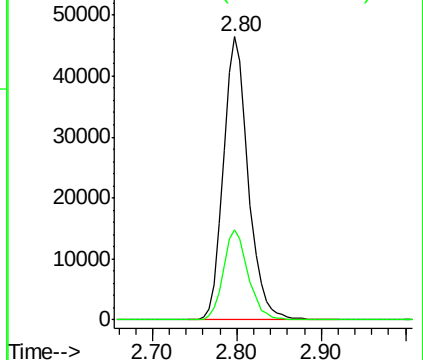
64 100

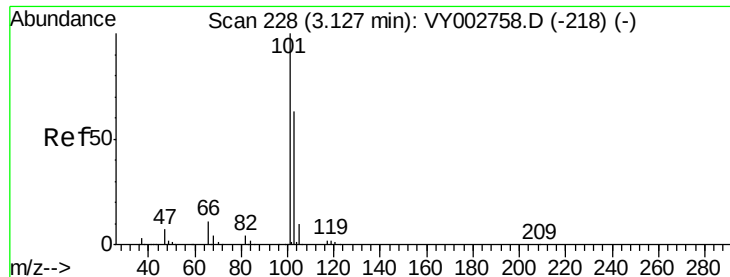
66 31.8 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



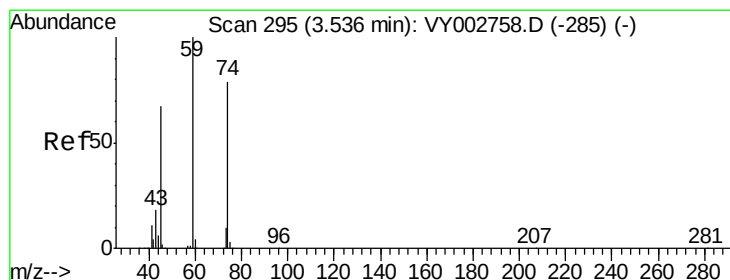
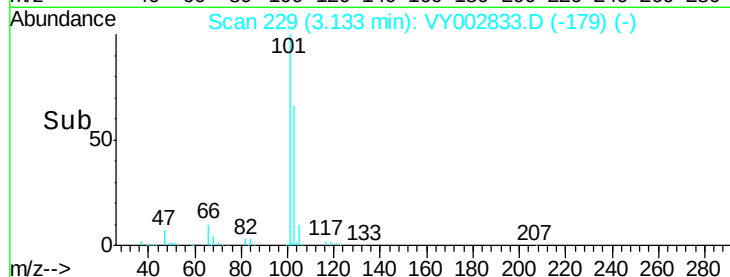
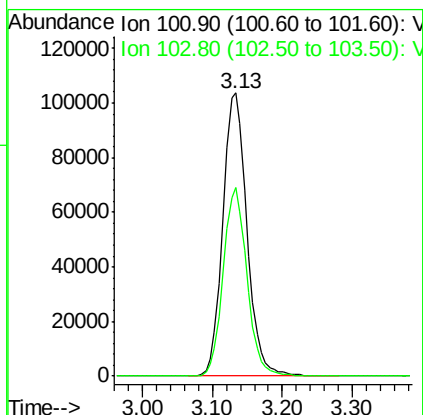
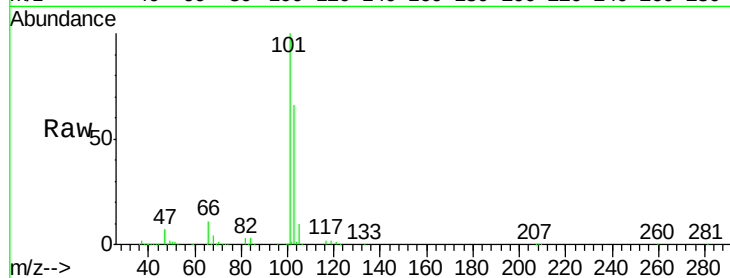


#7

Trichlorofluoromethane
 Concen: 46.067 ug/l
 RT: 3.13 min Scan# 229
 Delta R.T. 0.01 min
 Lab File: VY002833.D
 Acq: 03 Jun 2020 15:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

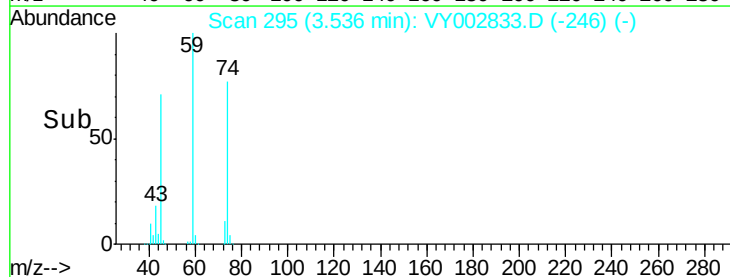
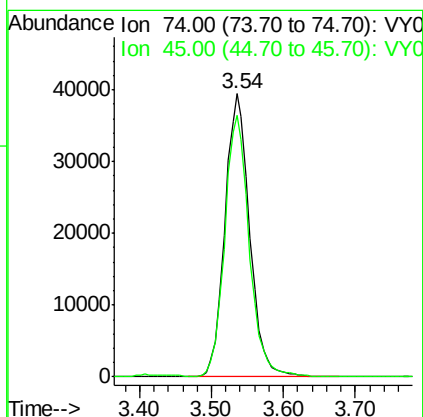
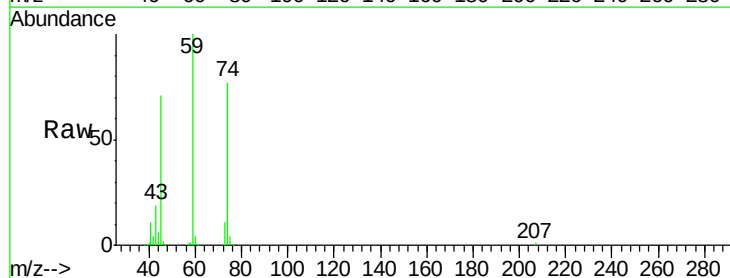
Tot Ion:101 Resp: 248856
 Ion Ratio Lower Upper
 101 100
 103 66.5 50.6 76.0

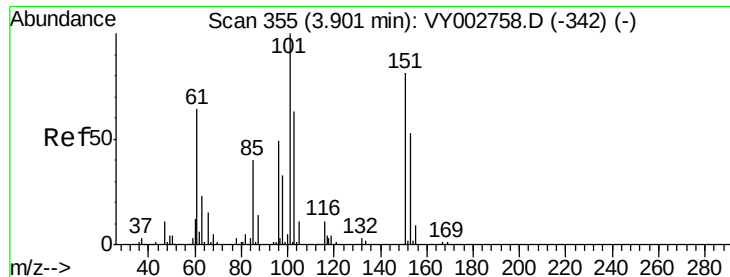


#8

Diethyl Ether
 Concen: 44.643 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. 0.00 min
 Lab File: VY002833.D
 Acq: 03 Jun 2020 15:37

Tgt Ion: 74 Resp: 94168
 Ion Ratio Lower Upper
 74 100
 45 90.9 44.0 131.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.631 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY002833.D

Acq: 03 Jun 2020 15:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

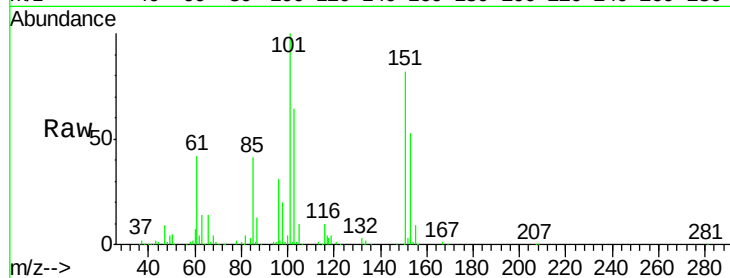
Tot Ion:101 Resp: 162394

Ion Ratio Lower Upper

101 100

85 40.8 32.7 49.1

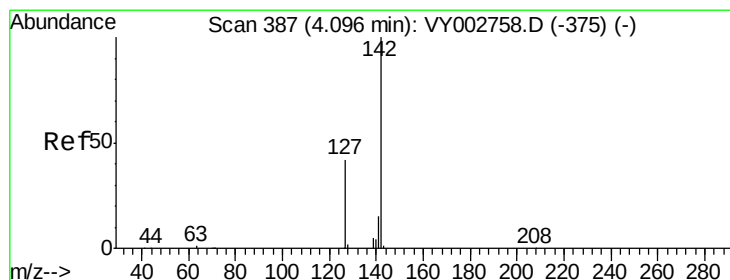
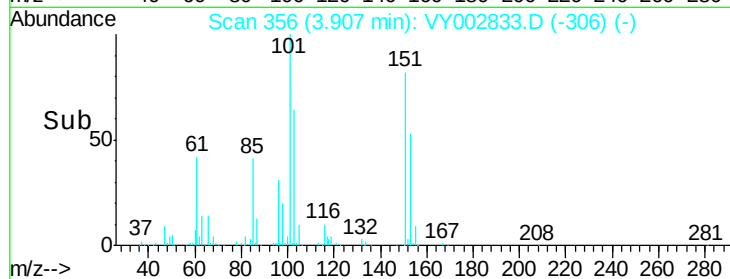
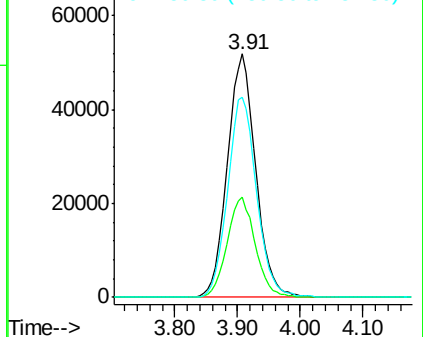
151 83.9 68.0 102.0



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: 47.308 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY002833.D

Acq: 03 Jun 2020 15:37

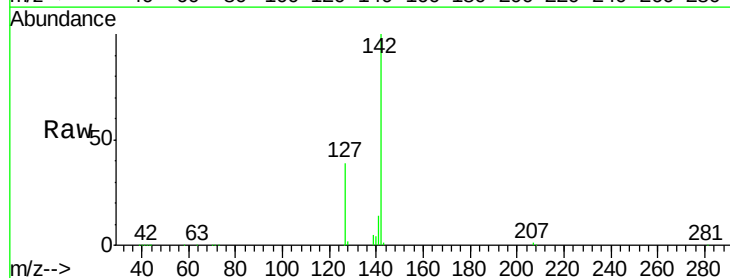
Tgt Ion:142 Resp: 212318

Ion Ratio Lower Upper

142 100

127 40.4 33.3 49.9

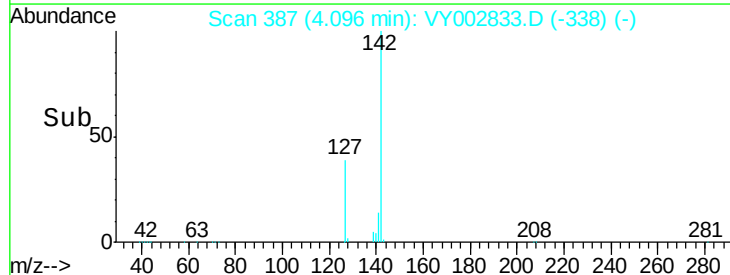
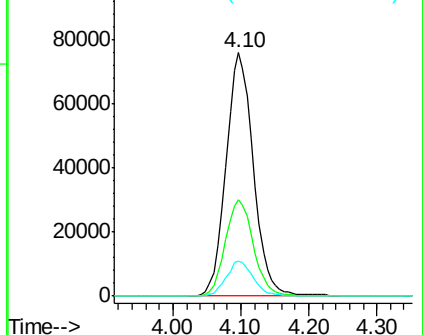
141 14.2 11.5 17.3

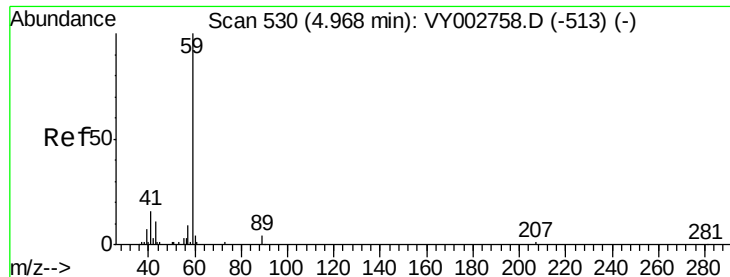


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



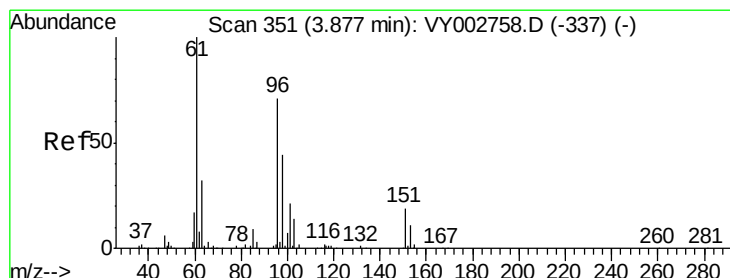
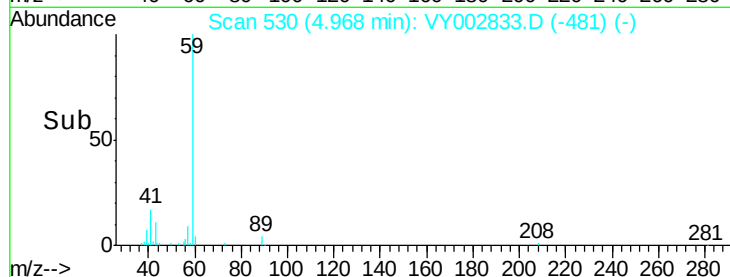
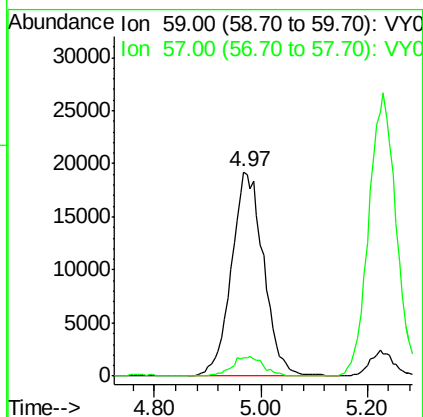
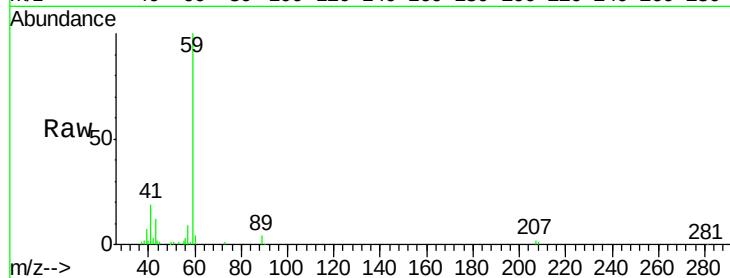


#11

Tert butyl alcohol
 Concen: 227.038 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. 0.00 min
 Lab File: VY002833.D
 Acq: 03 Jun 2020 15:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

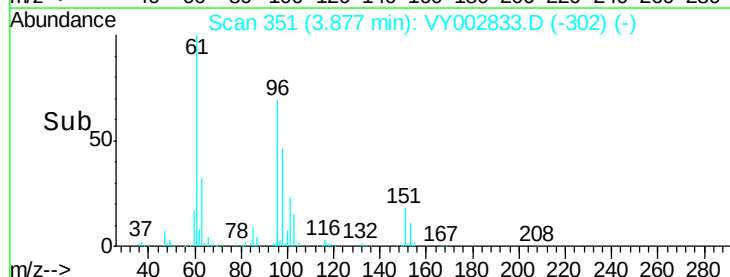
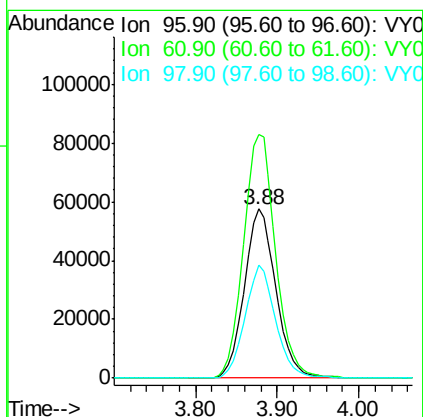
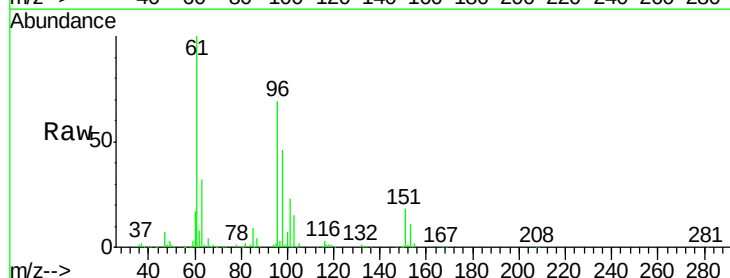
Tot Ion: 59 Resp: 80750
 Ion Ratio Lower Upper
 59 100
 57 9.3 7.7 11.5

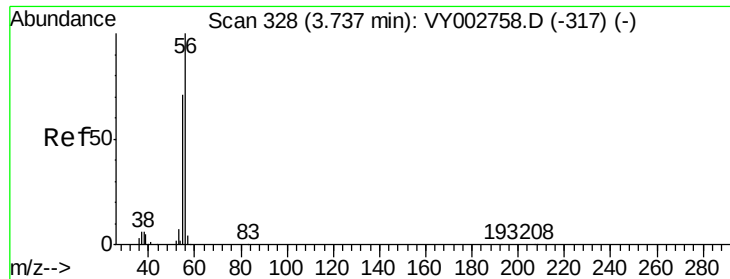


#12

1,1-Dichloroethene
 Concen: 47.993 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VY002833.D
 Acq: 03 Jun 2020 15:37

Tgt Ion: 96 Resp: 154805
 Ion Ratio Lower Upper
 96 100
 61 144.2 112.6 168.8
 98 66.8 50.0 75.0





#13

Acrolein

Concen: 262.050 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY002833.D

Acq: 03 Jun 2020 15:37

Instrument :

MSVOA_Y

ClientSampleId :

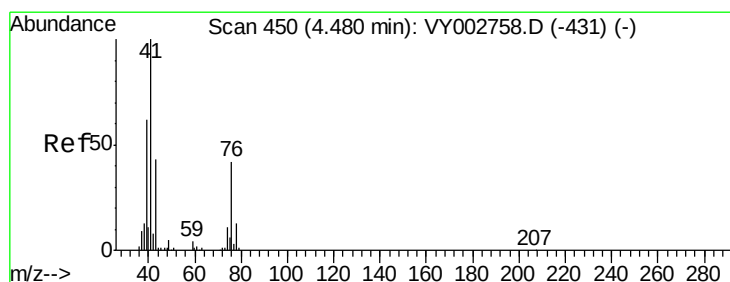
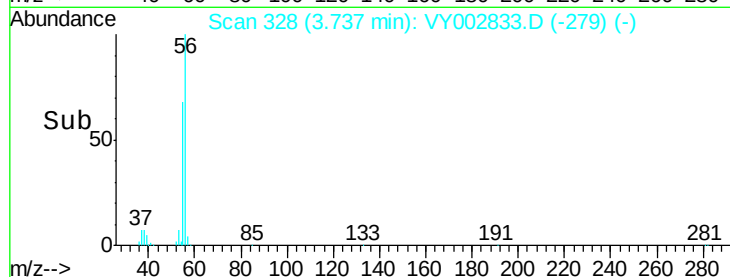
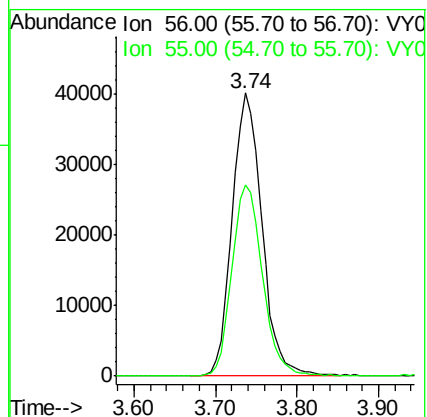
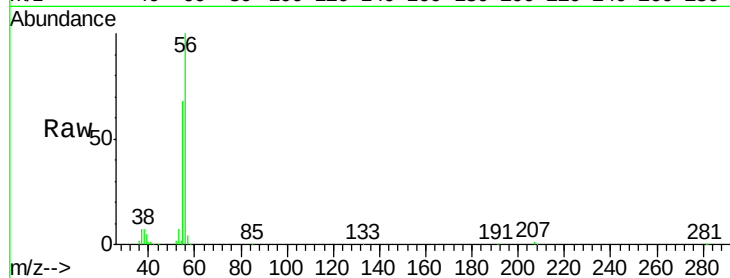
VSTDCCC050EC

Tot Ion: 56 Resp: 101100

Ion Ratio Lower Upper

56 100

55 69.6 56.0 84.0



#14

Allyl chloride

Concen: 51.487 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY002833.D

Acq: 03 Jun 2020 15:37

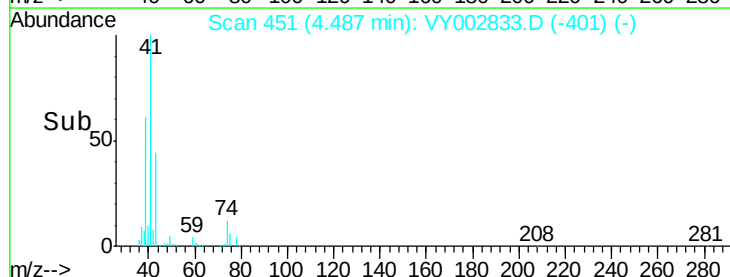
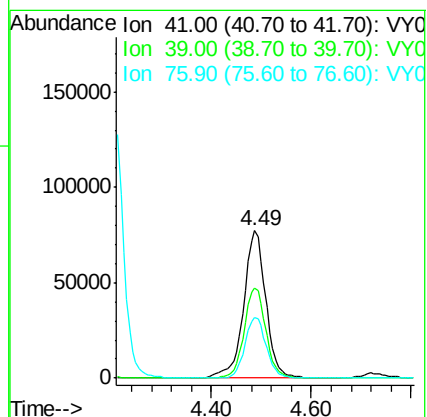
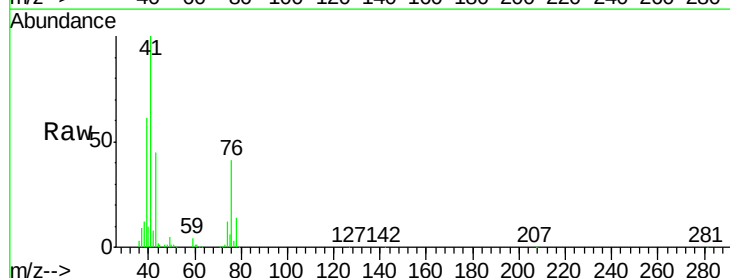
Tgt Ion: 41 Resp: 238190

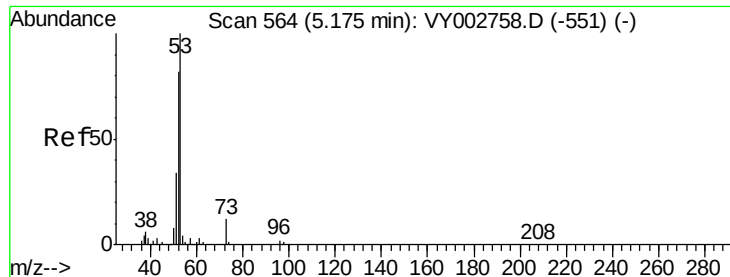
Ion Ratio Lower Upper

41 100

39 60.1 49.9 74.9

76 39.7 33.2 49.8





#15

Acrylonitrile

Concen: 249.016 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY002833.D

Acq: 03 Jun 2020 15:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

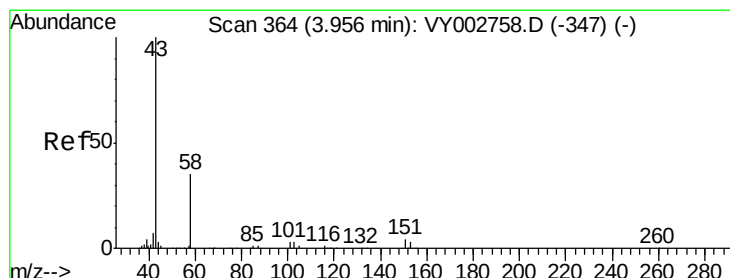
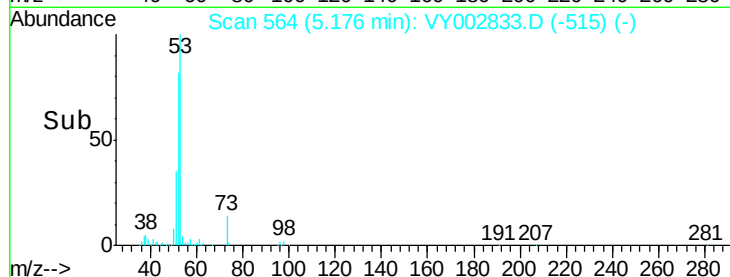
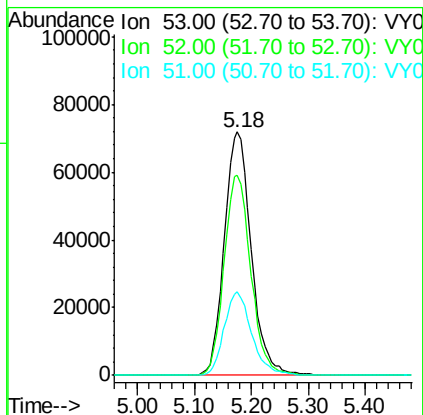
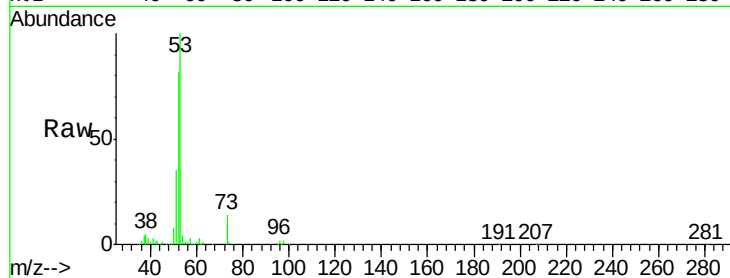
Tot Ion: 53 Resp: 236963

Ion Ratio Lower Upper

53 100

52 81.6 65.3 97.9

51 35.1 28.0 42.0



#16

Acetone

Concen: 259.915 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.00 min

Lab File: VY002833.D

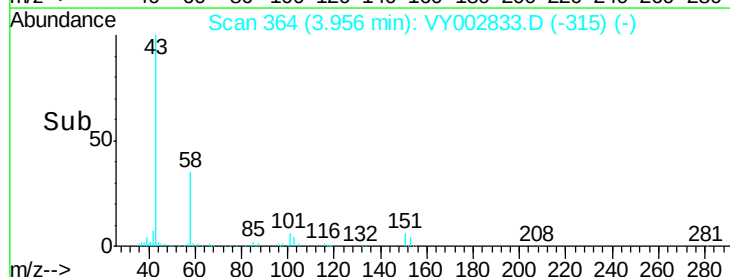
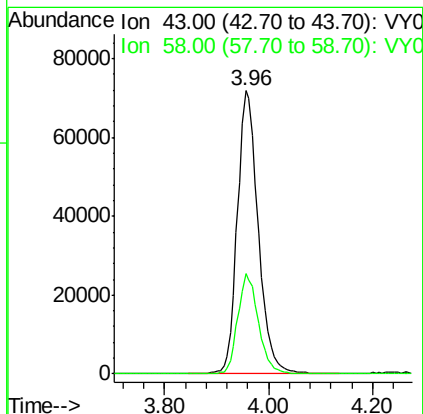
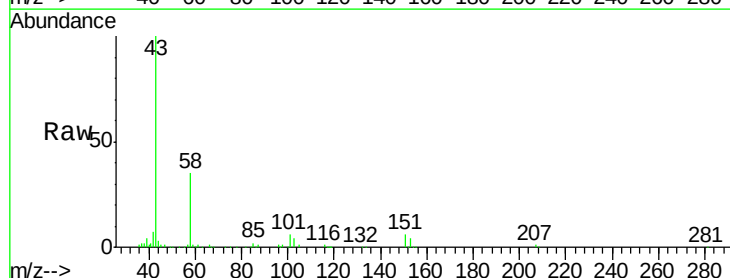
Acq: 03 Jun 2020 15:37

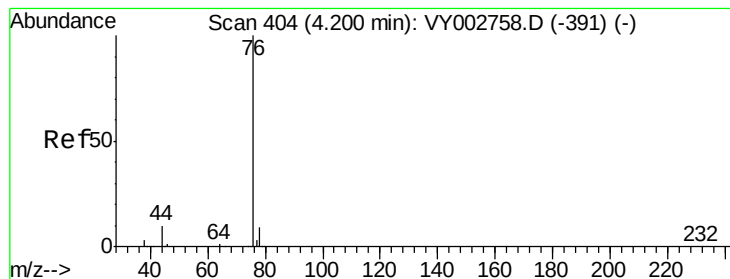
Tgt Ion: 43 Resp: 200647

Ion Ratio Lower Upper

43 100

58 35.2 27.7 41.5





#17

Carbon Disulfide

Concen: 45.679 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: VY002833.D

Acq: 03 Jun 2020 15:37

Instrument :

MSVOA_Y

ClientSampleId :

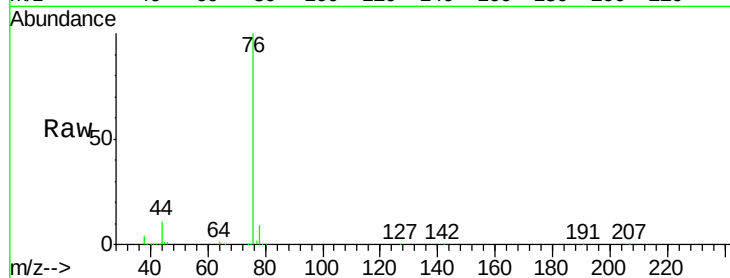
VSTDCCC050EC

Tot Ion: 76 Resp: 445246

Ion Ratio Lower Upper

76 100

78 8.9 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

4.20

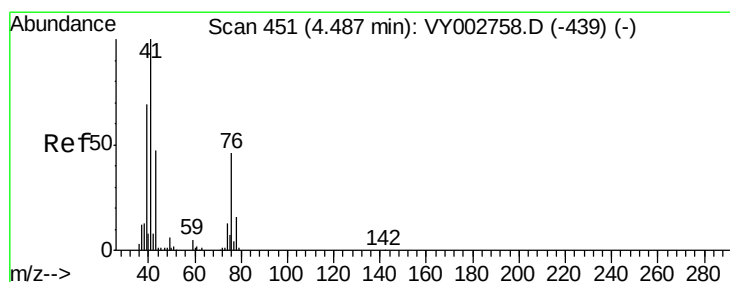
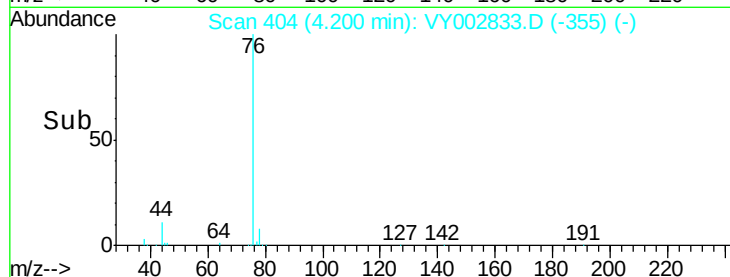
150000

100000

50000

0

Time--> 4.00 4.10 4.20 4.30 4.40



#18

Methyl Acetate

Concen: 51.991 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY002833.D

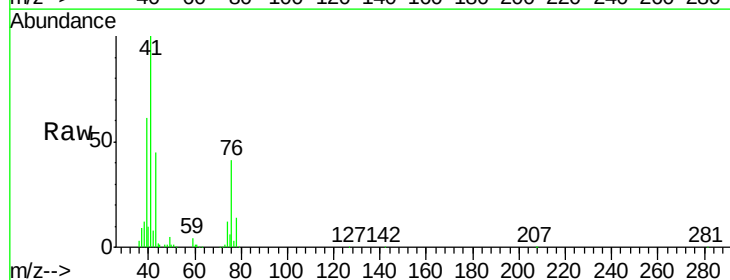
Acq: 03 Jun 2020 15:37

Tgt Ion: 43 Resp: 100636

Ion Ratio Lower Upper

43 100

74 25.7 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

4.49

40000

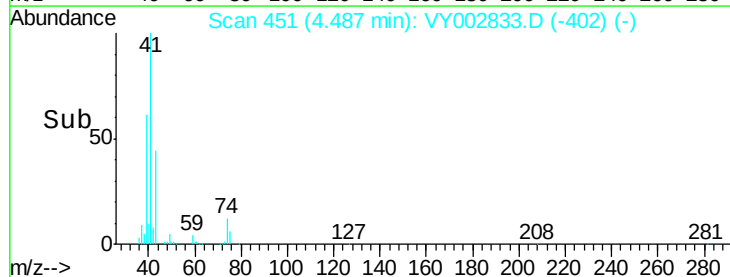
30000

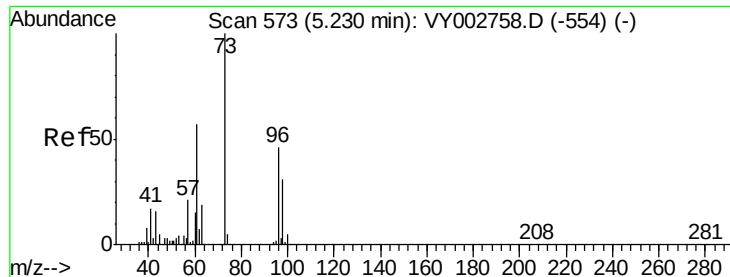
20000

10000

0

Time--> 4.40 4.50 4.60

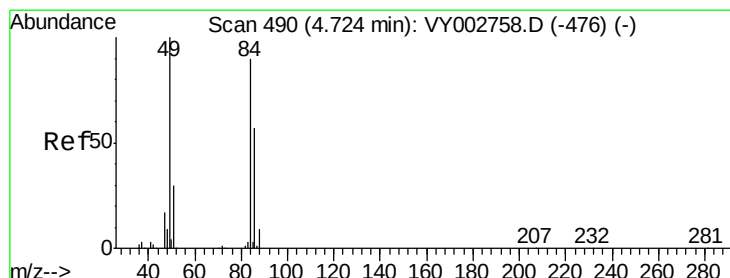
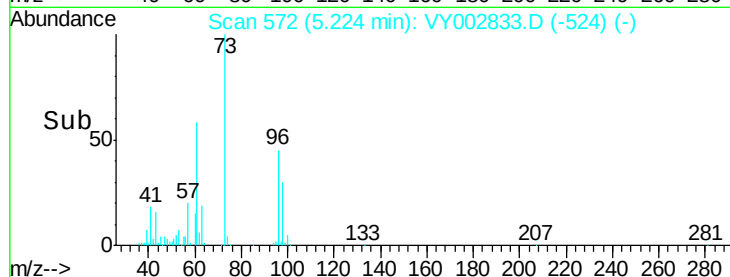
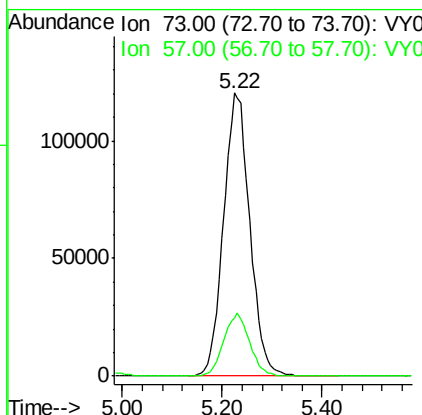
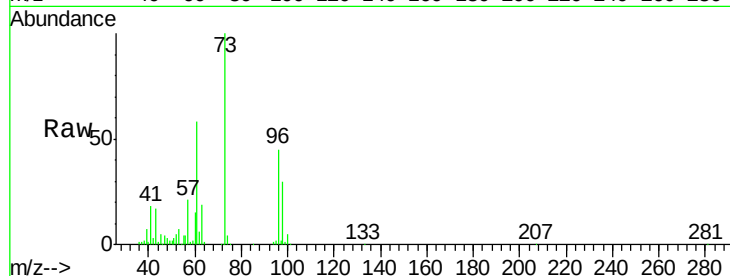




#19
Methyl tert-butyl Ether
Concen: 49.379 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY002833.D
Acq: 03 Jun 2020 15:37

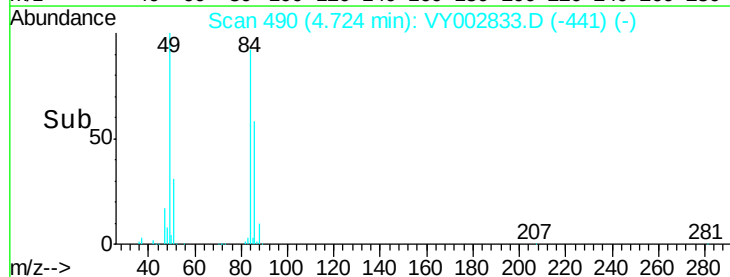
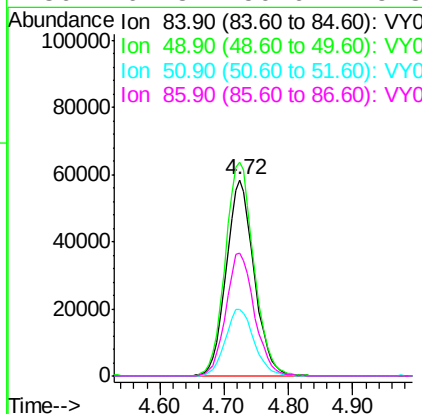
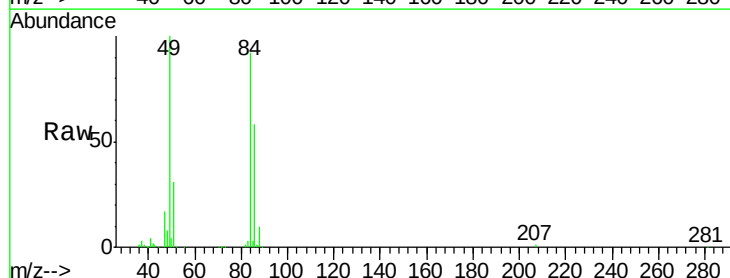
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

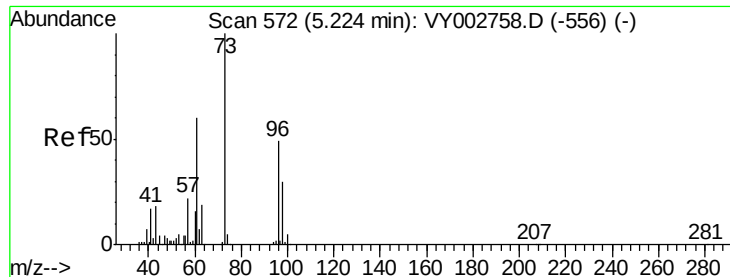
Tot Ion: 73 Resp: 439709
Ion Ratio Lower Upper
73 100
57 20.6 17.0 25.4



#20
Methylene Chloride
Concen: 46.961 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY002833.D
Acq: 03 Jun 2020 15:37

Tgt Ion: 84 Resp: 177164
Ion Ratio Lower Upper
84 100
49 109.1 88.5 132.7
51 34.0 26.8 40.2
86 62.8 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 47.489 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY002833.D

Acq: 03 Jun 2020 15:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

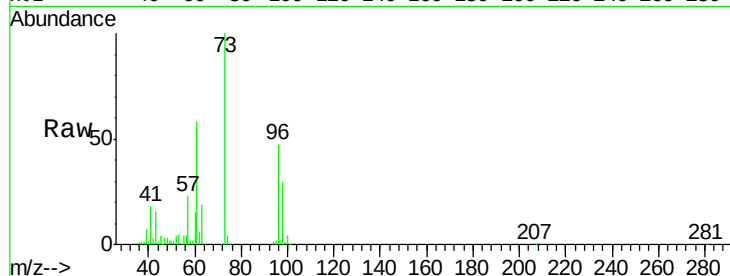
Tot Ion: 96 Resp: 172266

Ion Ratio Lower Upper

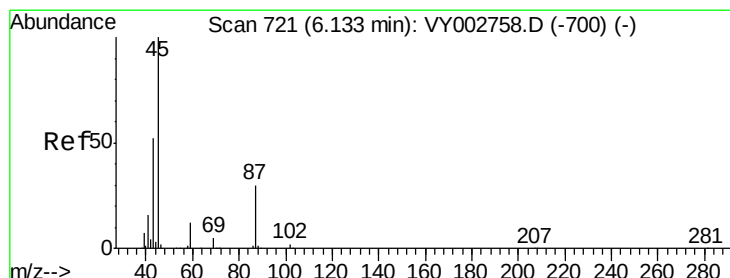
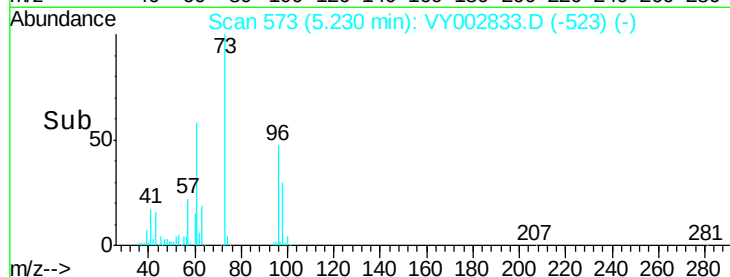
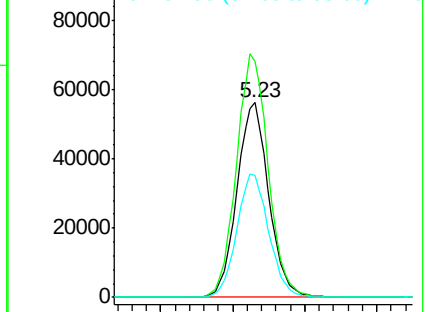
96 100

61 121.5 96.8 145.2

98 62.7 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: 51.398 ug/l

RT: 6.12 min Scan# 719

Delta R.T. -0.01 min

Lab File: VY002833.D

Acq: 03 Jun 2020 15:37

Tgt Ion: 45 Resp: 494117

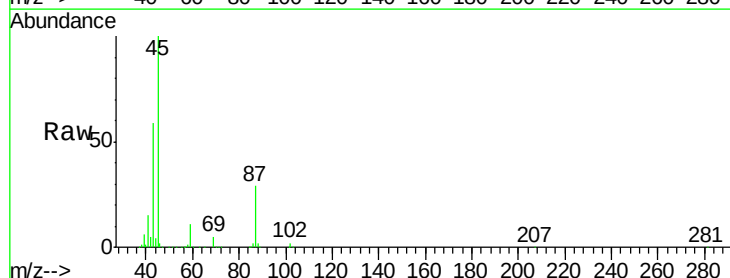
Ion Ratio Lower Upper

45 100

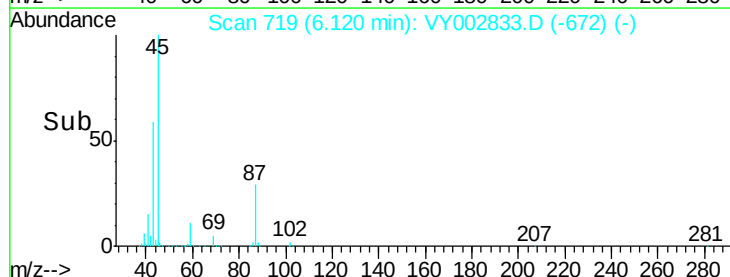
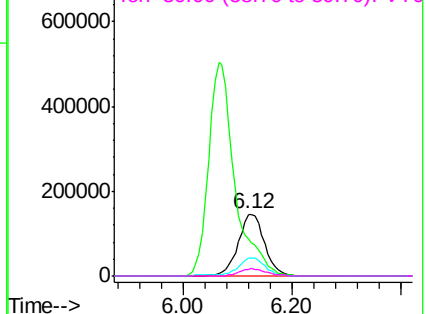
43 59.0 41.7 62.5

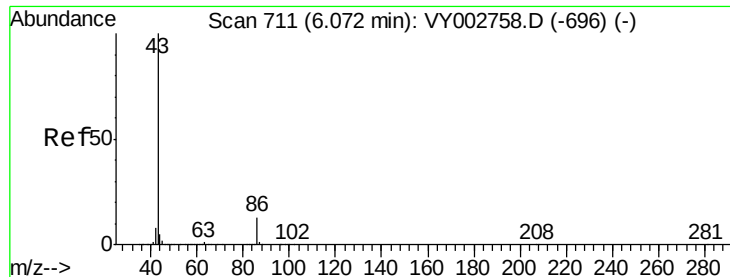
87 29.1 24.2 36.2

59 11.3 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: 264.186 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY002833.D

Acq: 03 Jun 2020 15:37

Instrument :

MSVOA_Y

ClientSampleId :

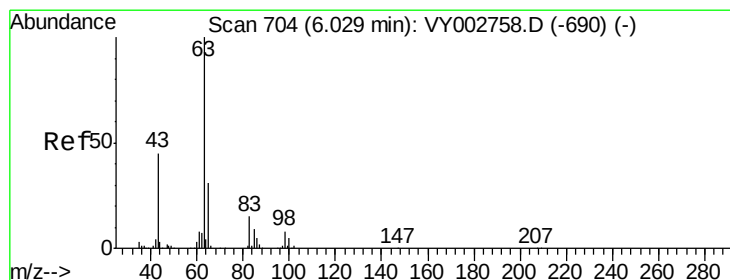
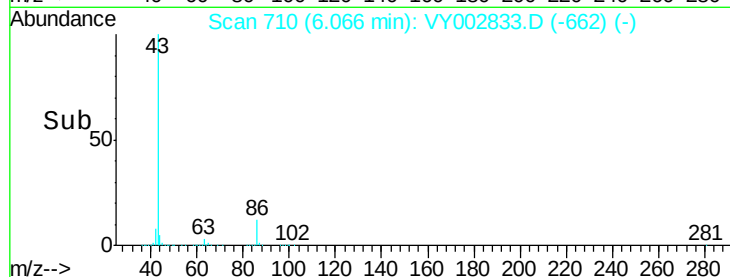
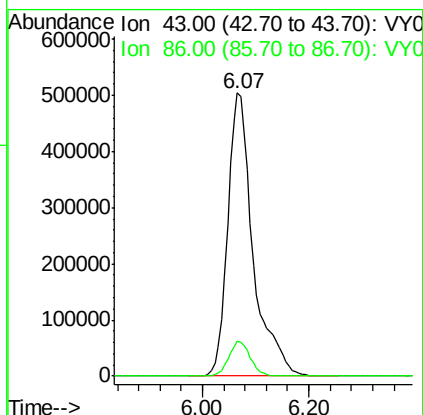
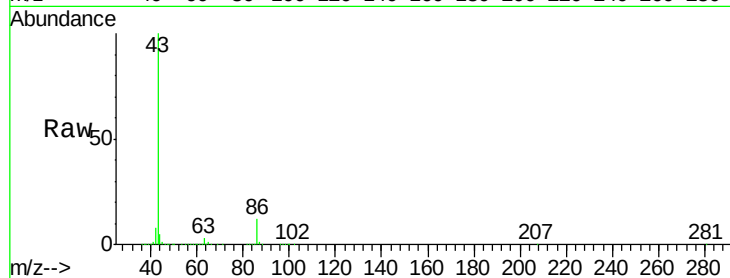
VSTDCCC050EC

Tot Ion: 43 Resp: 1676813

Ion Ratio Lower Upper

43 100

86 12.2 10.2 15.2



#24

1,1-Dichloroethane

Concen: 50.312 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY002833.D

Acq: 03 Jun 2020 15:37

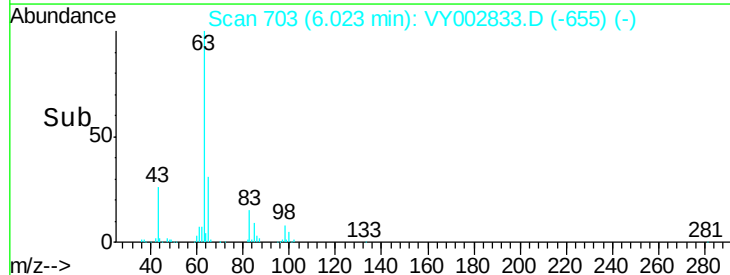
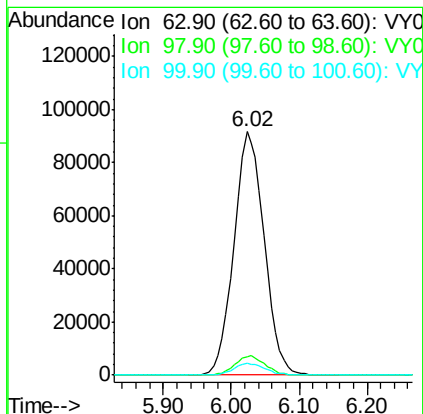
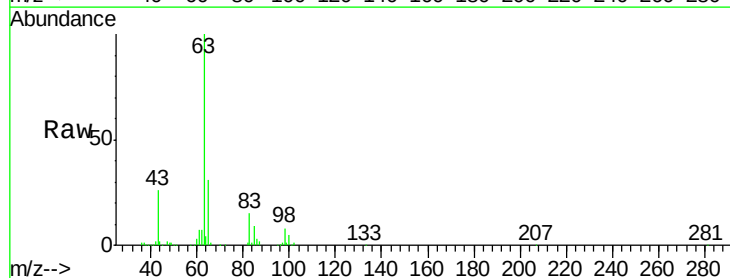
Tgt Ion: 63 Resp: 282936

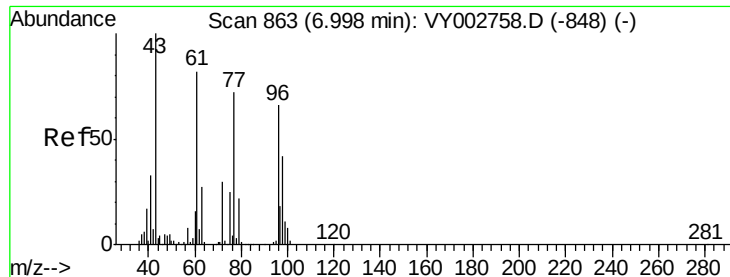
Ion Ratio Lower Upper

63 100

98 7.5 4.0 12.2

100 5.0 2.4 7.1





#25

2-Butanone

Concen: 252.756 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.00 min

Lab File: VY002833.D

Acq: 03 Jun 2020 15:37

Instrument :

MSVOA_Y

ClientSampleId :

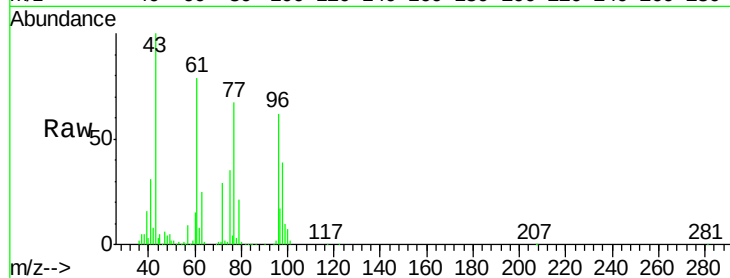
VSTDCCC050EC

Tot Ion: 43 Resp: 303998

Ion Ratio Lower Upper

43 100

72 29.1 23.9 35.9



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

120000

100000

80000

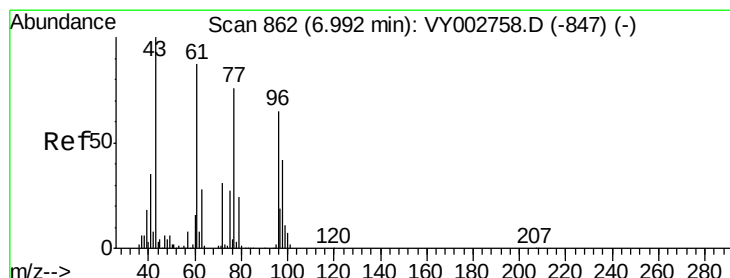
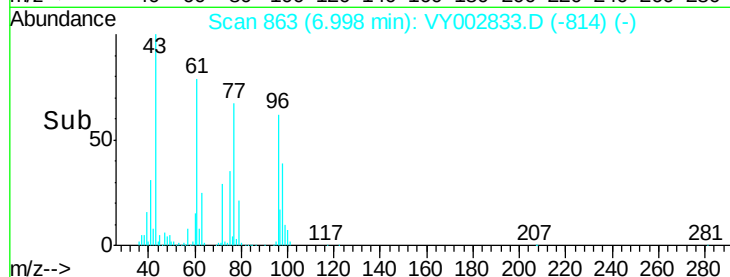
60000

40000

20000

0

Time--> 6.85 6.90 6.95 7.00 7.05



#26

2,2-Dichloropropane

Concen: 47.422 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY002833.D

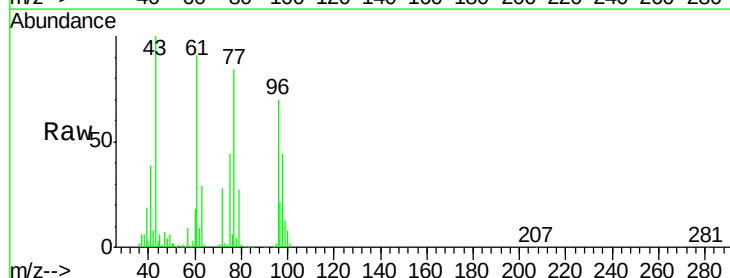
Acq: 03 Jun 2020 15:37

Tgt Ion: 77 Resp: 255772

Ion Ratio Lower Upper

77 100

97 24.2 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0

100000

80000

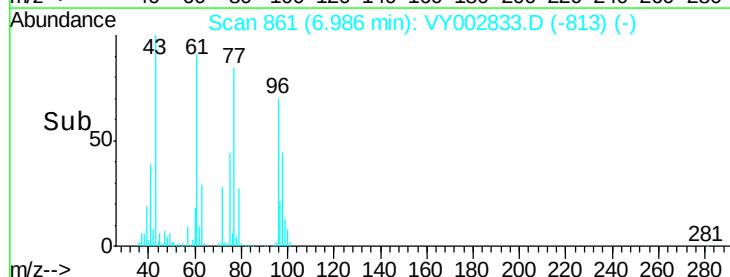
60000

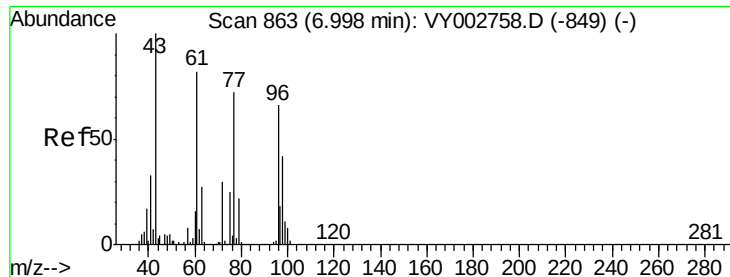
40000

20000

0

Time--> 6.80 6.90 7.00 7.10



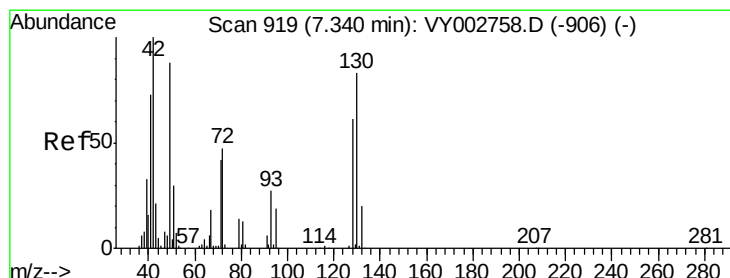
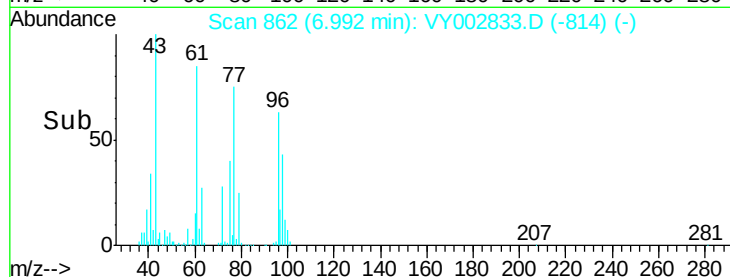
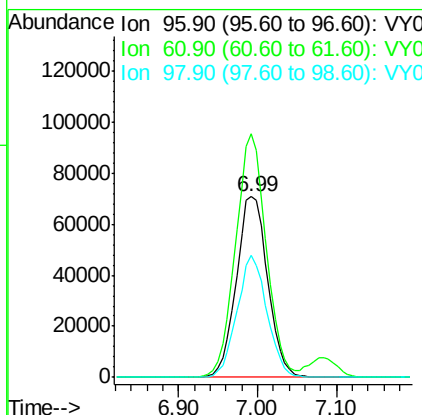
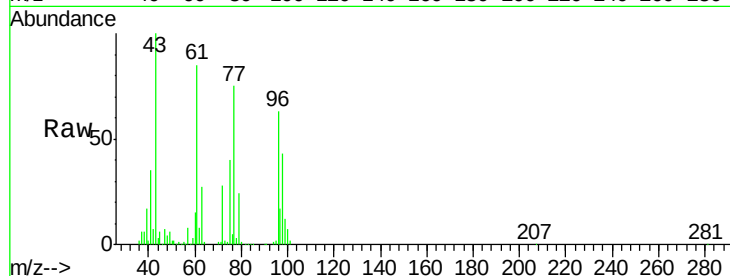


#27

cis-1,2-Dichloroethene
 Concen: 48.341 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VY002833.D
 Acq: 03 Jun 2020 15:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

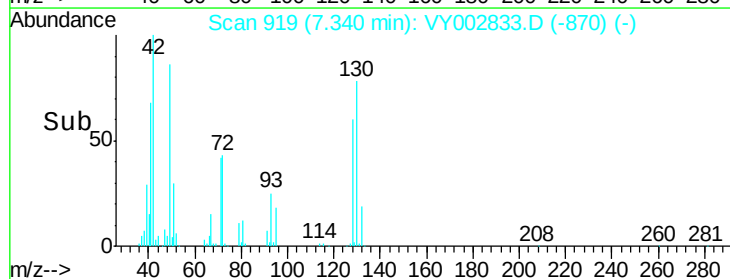
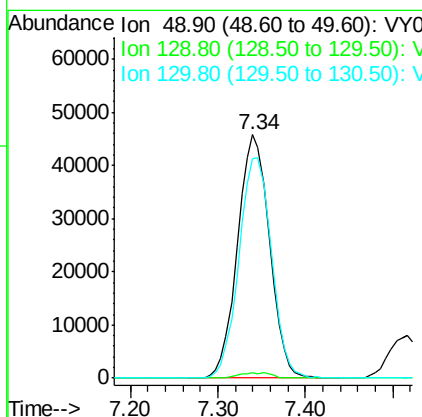
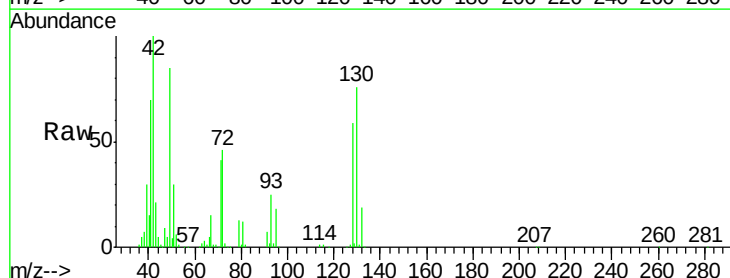
Tot Ion	Ratio	Lower	Upper
96	100		
61	131.0	0.0	260.2
98	64.3	0.0	128.2

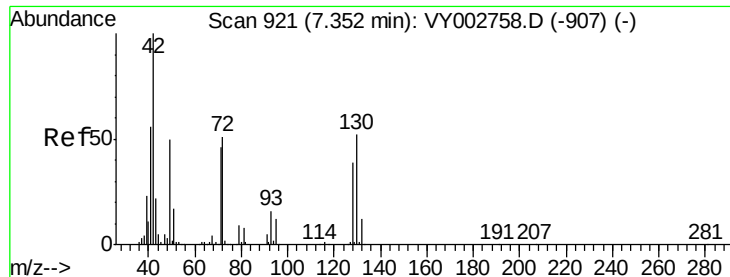


#28

Bromochloromethane
 Concen: 50.543 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: VY002833.D
 Acq: 03 Jun 2020 15:37

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	5.2
130	92.1	77.1	115.7





#29

Tetrahydrofuran

Concen: 251.959 ug/l

RT: 7.35 min Scan# 921

Delta R.T. 0.00 min

Lab File: VY002833.D

Acq: 03 Jun 2020 15:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

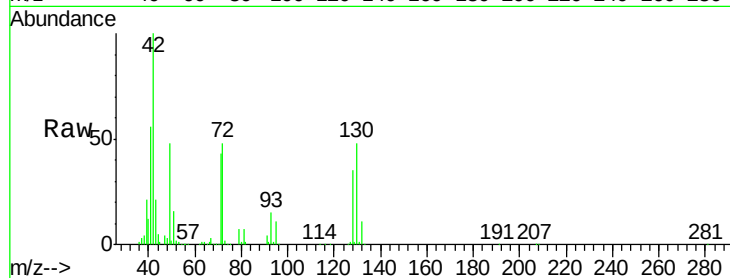
Tot Ion: 42 Resp: 197116

Ion Ratio Lower Upper

42 100

72 47.0 38.6 58.0

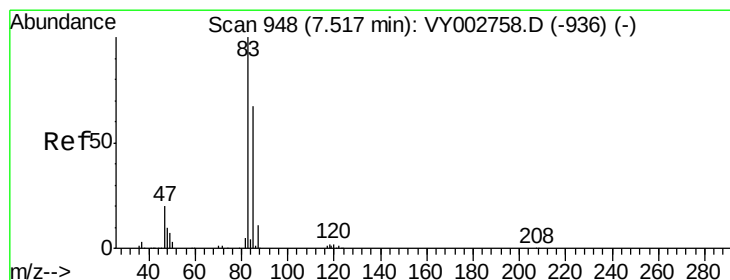
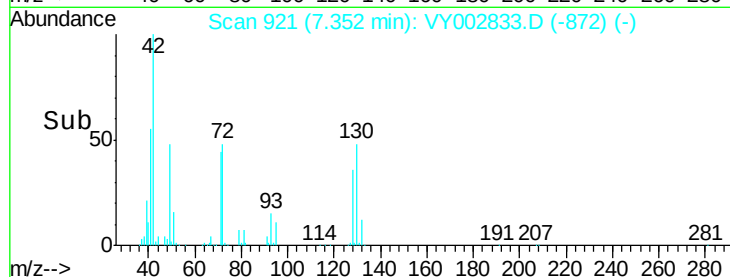
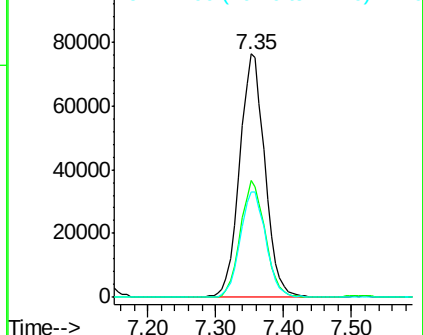
71 44.2 35.8 53.8



Abundance Ion 42.00 (41.70 to 42.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

Ion 71.00 (70.70 to 71.70): VY0



#30

Chloroform

Concen: 48.762 ug/l

RT: 7.52 min Scan# 948

Delta R.T. 0.00 min

Lab File: VY002833.D

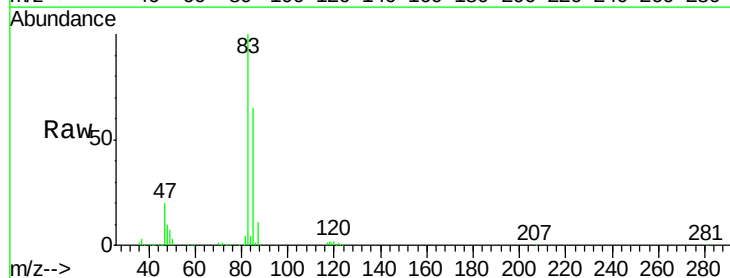
Acq: 03 Jun 2020 15:37

Tgt Ion: 83 Resp: 290988

Ion Ratio Lower Upper

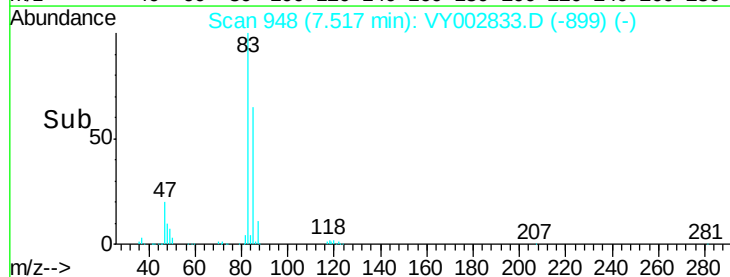
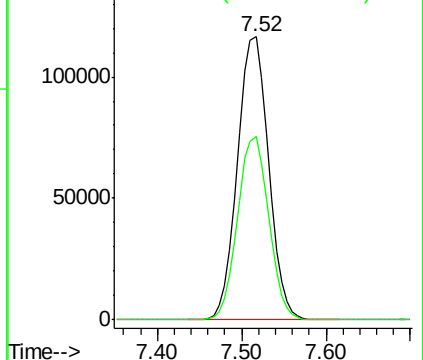
83 100

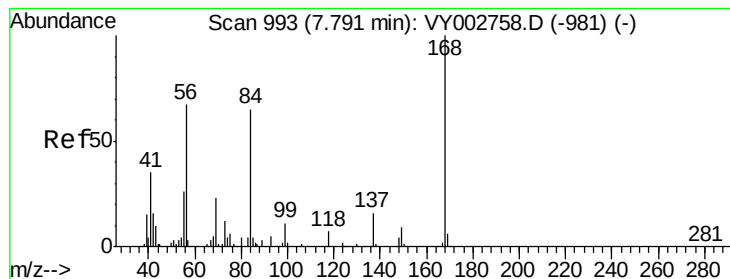
85 64.9 53.8 80.8



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 46.655 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY002833.D

Acq: 03 Jun 2020 15:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

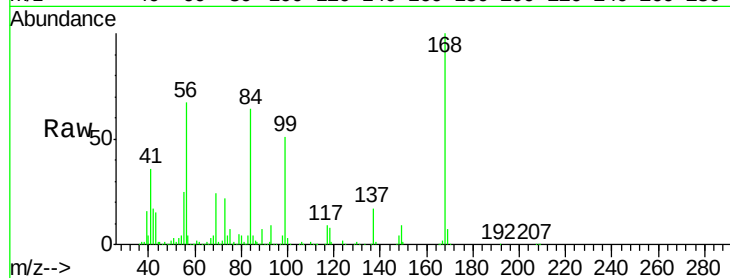
Tot Ion: 56 Resp: 260501

Ion Ratio Lower Upper

56 100

69 35.3 28.0 42.0

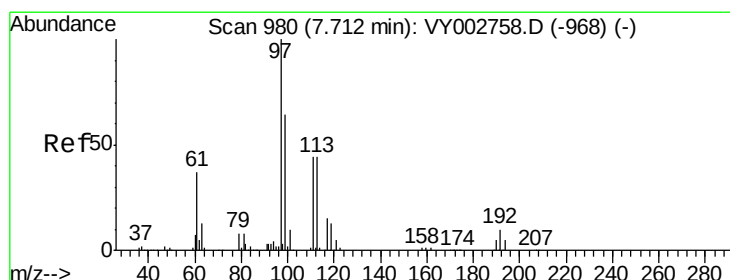
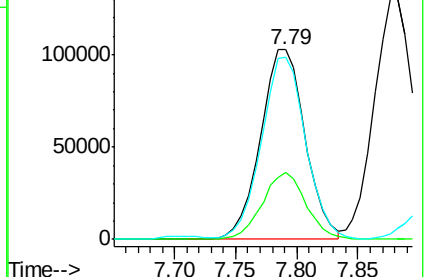
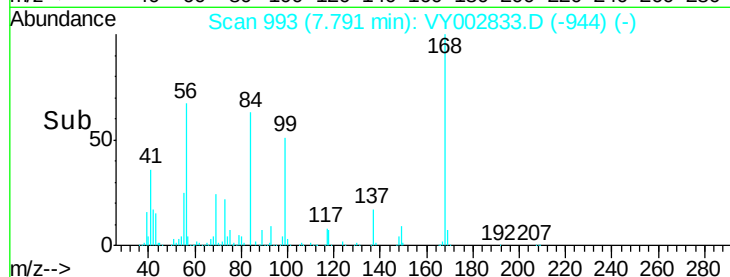
84 94.5 77.7 116.5



Abundance Ion 56.00 (55.70 to 56.70): VY002833.D (-944) (-)

Ion 69.00 (68.70 to 69.70): VY002833.D (-944) (-)

Ion 84.00 (83.70 to 84.70): VY002833.D (-944) (-)



#32

1,1,1-Trichloroethane

Concen: 47.000 ug/l

RT: 7.71 min Scan# 979

Delta R.T. -0.01 min

Lab File: VY002833.D

Acq: 03 Jun 2020 15:37

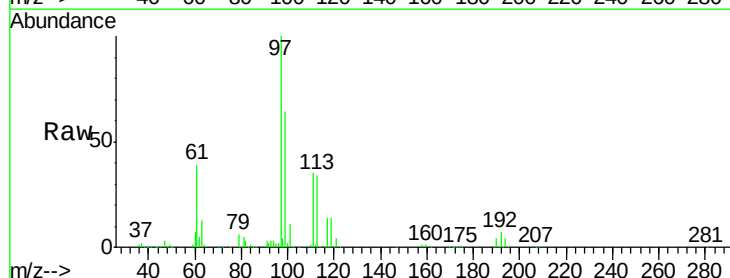
Tgt Ion: 97 Resp: 261361

Ion Ratio Lower Upper

97 100

99 65.0 51.4 77.0

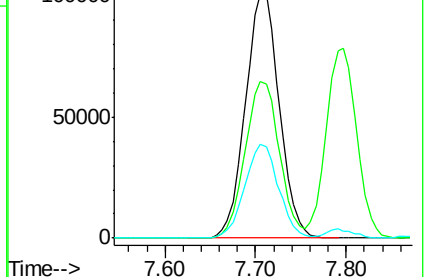
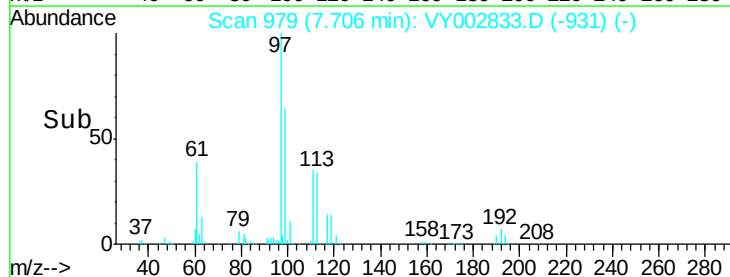
61 38.5 30.1 45.1

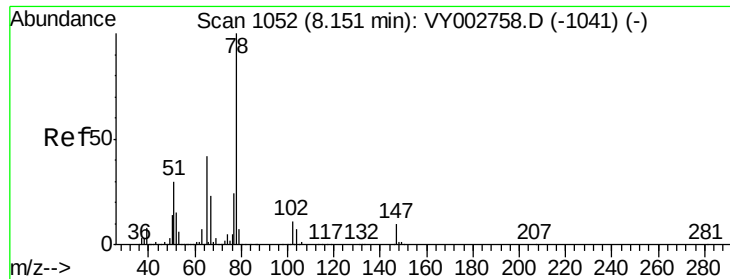


Abundance Ion 96.90 (96.60 to 97.60): VY002833.D (-931) (-)

Ion 98.90 (98.60 to 99.60): VY002833.D (-931) (-)

Ion 60.90 (60.60 to 61.60): VY002833.D (-931) (-)

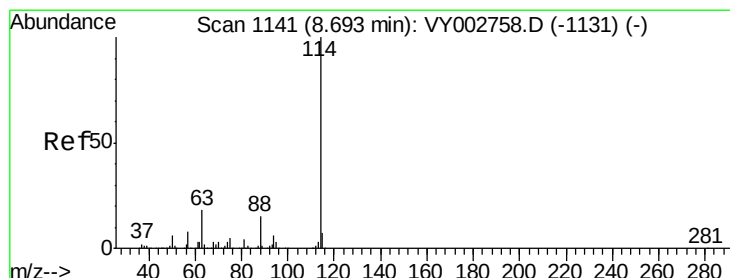
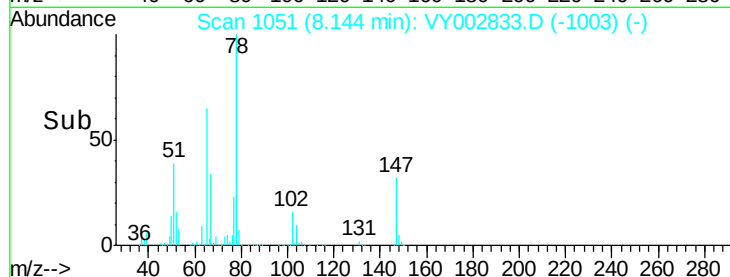
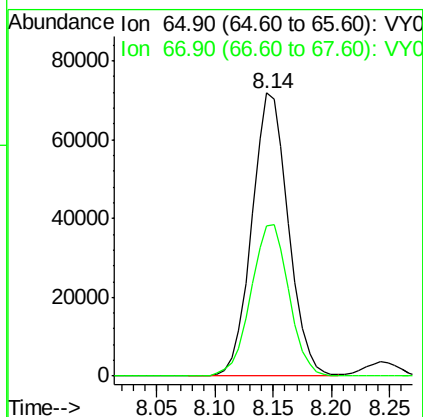
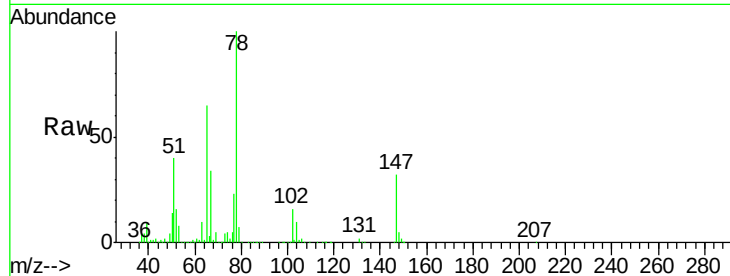




#33
 1,2-Dichloroethane-d4
 Concen: 47.638 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: VY002833.D
 Acq: 03 Jun 2020 15:37

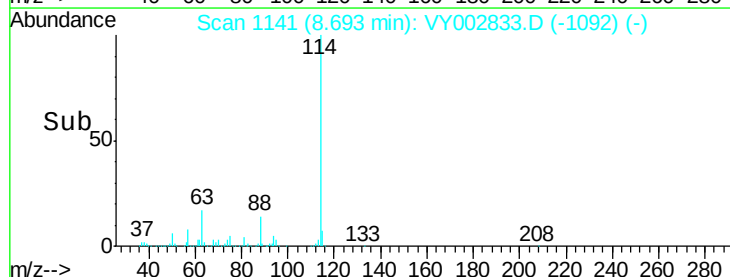
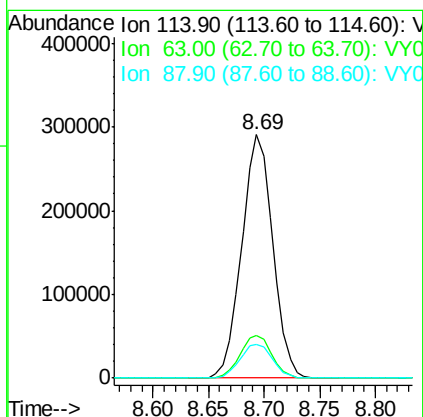
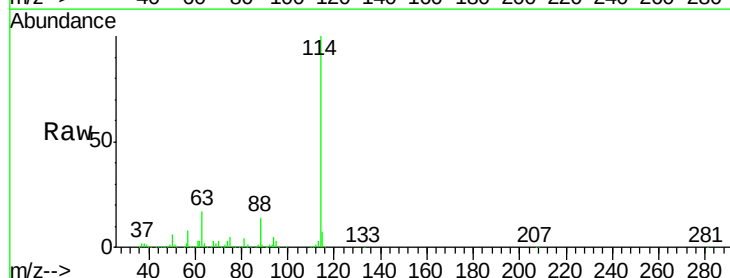
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

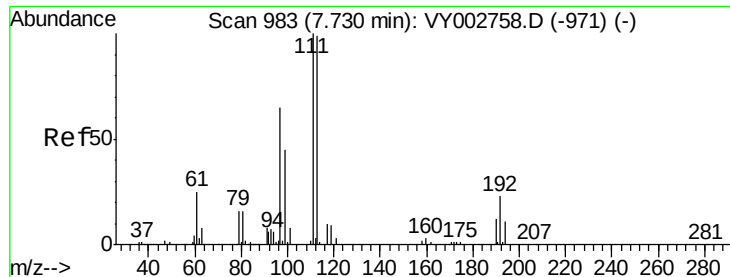
Tot Ion: 65 Resp: 156834
 Ion Ratio Lower Upper
 65 100
 67 55.9 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002833.D
 Acq: 03 Jun 2020 15:37

Tgt Ion: 114 Resp: 563525
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 35.2
 88 13.9 0.0 29.2

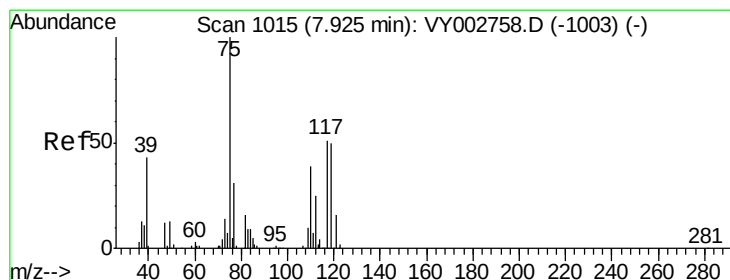
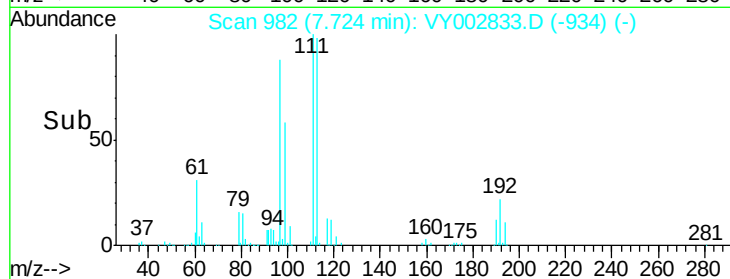
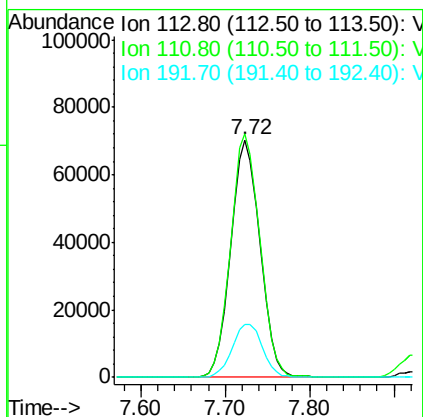
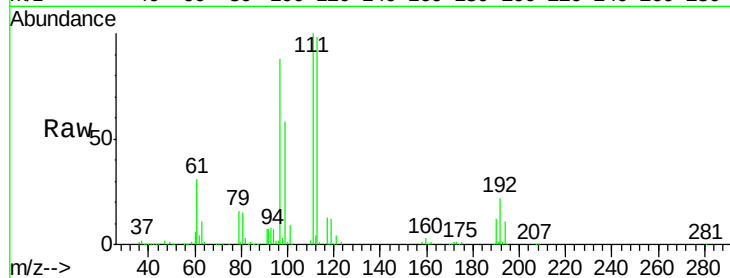




#35
 Dibromofluoromethane
 Concen: 49.952 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002833.D
 Acq: 03 Jun 2020 15:37

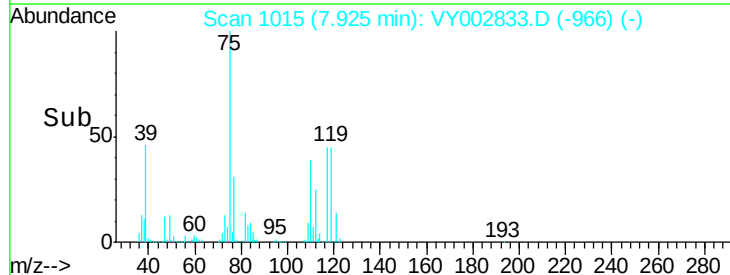
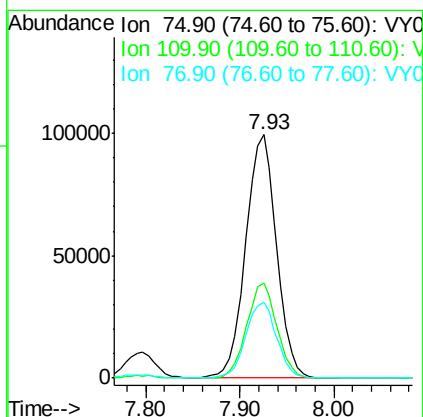
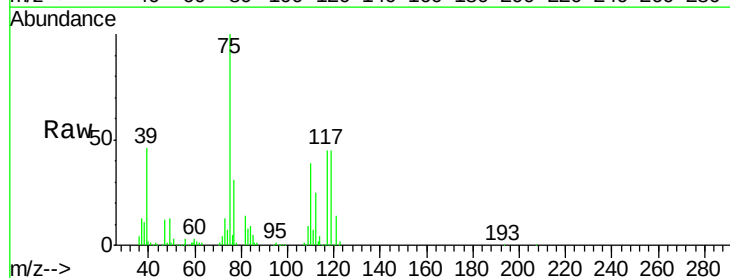
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

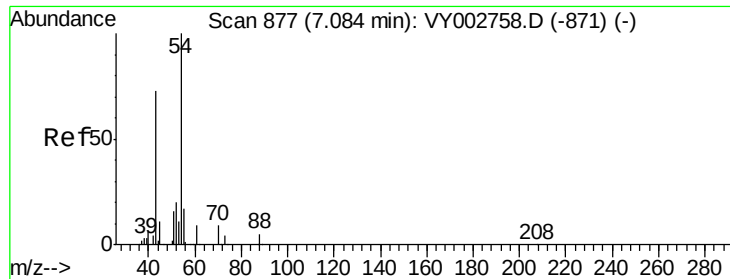
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.0	123.0
192	23.0	18.9	28.3



#36
 1,1-Dichloropropene
 Concen: 48.064 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: VY002833.D
 Acq: 03 Jun 2020 15:37

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.2	19.3	57.9
77	31.3	24.8	37.2

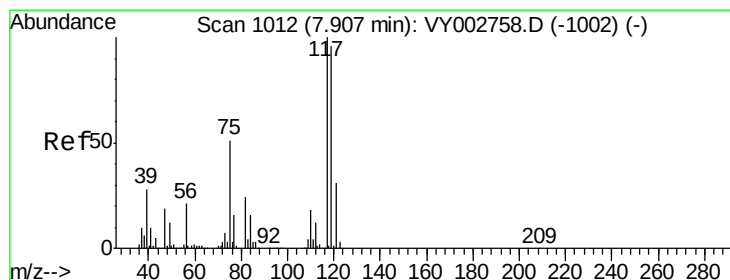
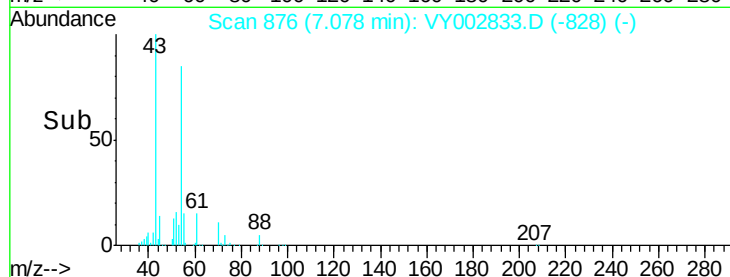
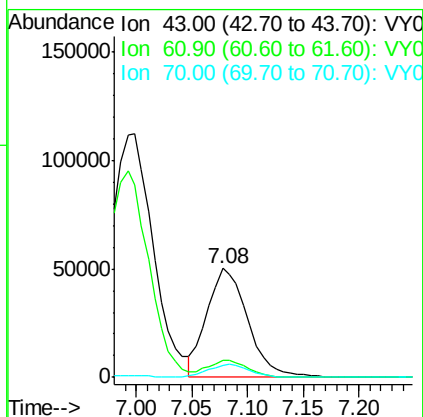
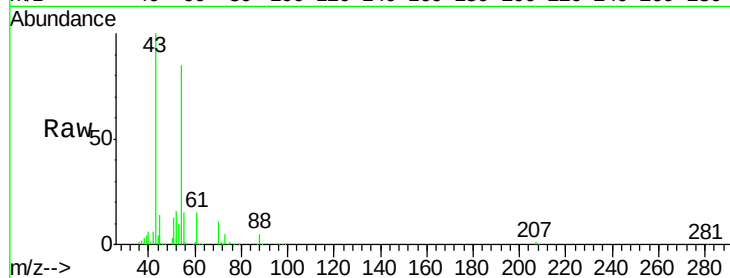




#37
Ethyl Acetate
Concen: 49.383 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY002833.D
Acq: 03 Jun 2020 15:37

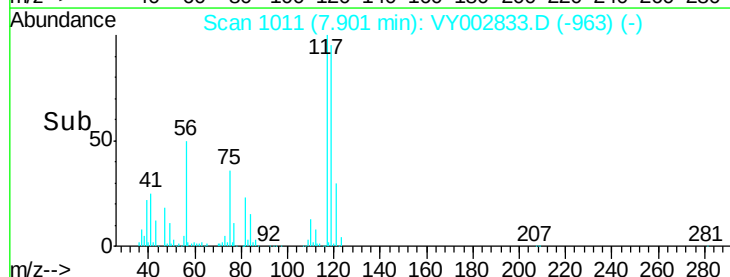
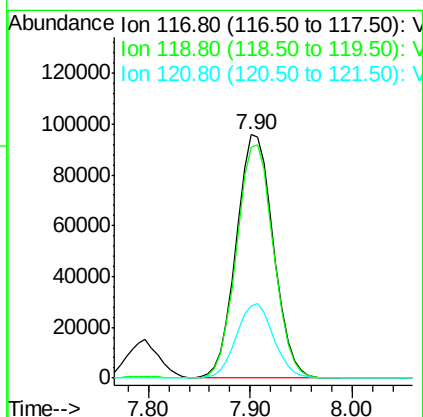
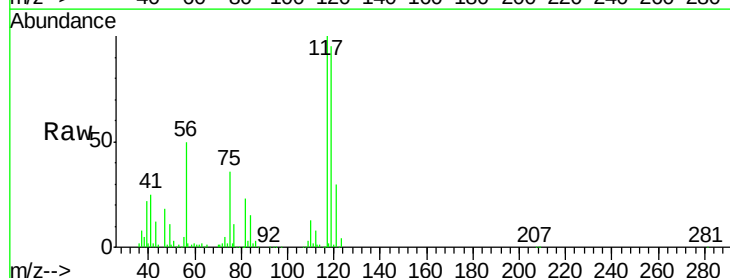
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

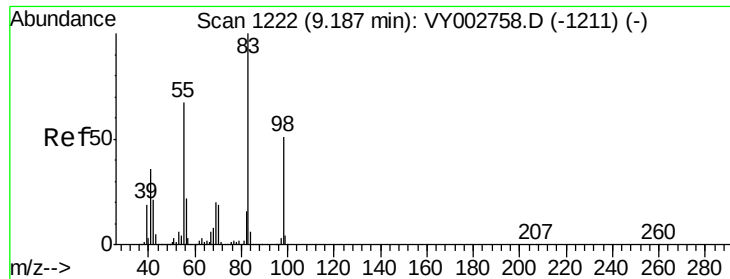
Tot Ion: 43 Resp: 127542
Ion Ratio Lower Upper
43 100
61 15.9 11.9 17.9
70 12.0 9.1 13.7



#38
Carbon Tetrachloride
Concen: 45.936 ug/l
RT: 7.90 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VY002833.D
Acq: 03 Jun 2020 15:37

Tgt Ion: 117 Resp: 242242
Ion Ratio Lower Upper
117 100
119 95.0 76.8 115.2
121 29.8 24.8 37.2

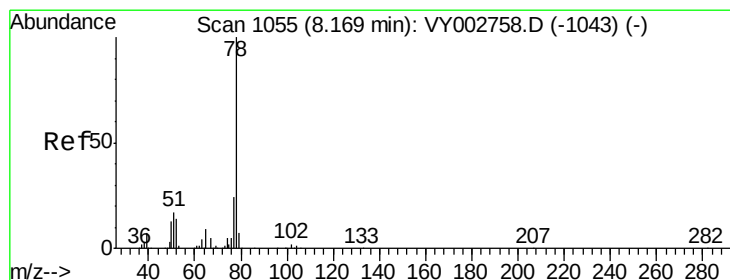
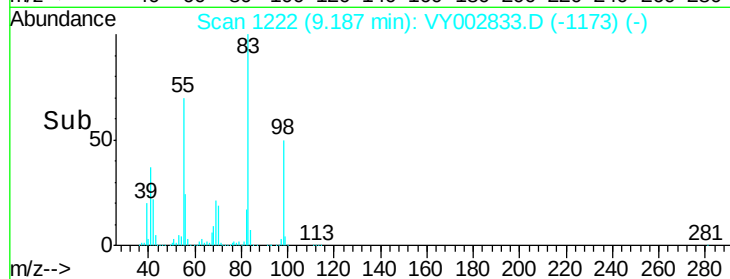
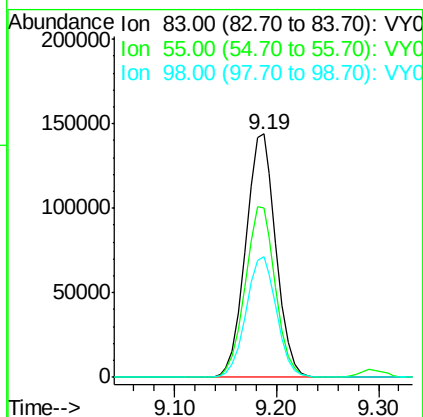
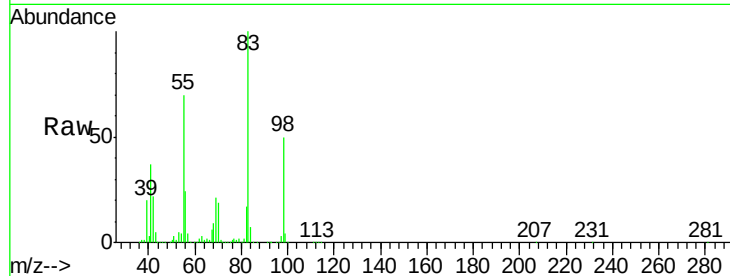




#39
Methylvlcyclohexane
Concen: 47.231 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY002833.D
Acq: 03 Jun 2020 15:37

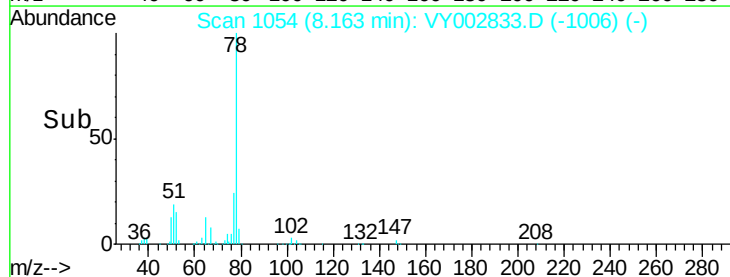
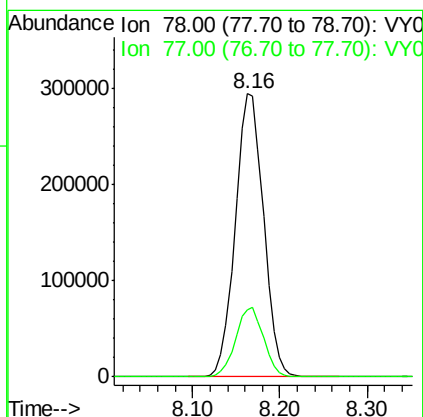
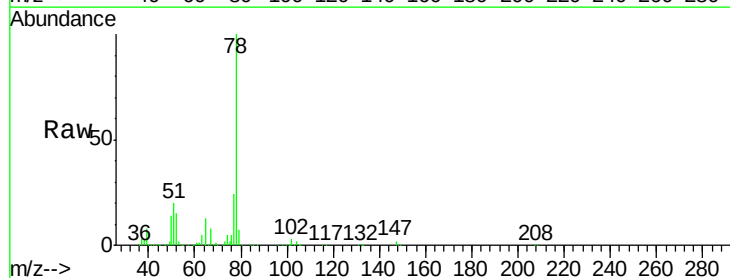
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

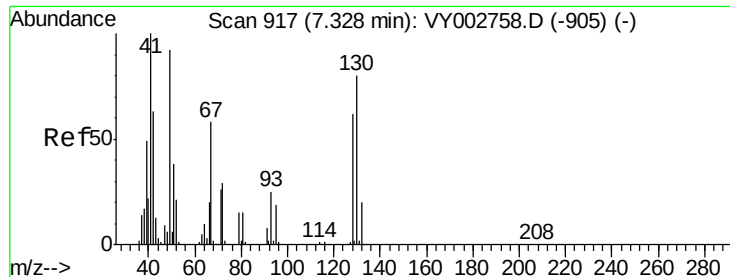
Tot Ion	83	Resp	295525
Ion	Ratio	Lower	Upper
83	100		
55	69.6	53.3	79.9
98	49.7	41.1	61.7



#40
Benzene
Concen: 47.310 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY002833.D
Acq: 03 Jun 2020 15:37

Tgt Ion	78	Resp	663587
Ion	Ratio	Lower	Upper
78	100		
77	23.9	18.8	28.2





#41

Methacrylonitrile

Concen: 50.728 ug/l m

RT: 7.32 min Scan# 916

Delta R.T. -0.01 min

Lab File: VY002833.D

Acq: 03 Jun 2020 15:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 70386

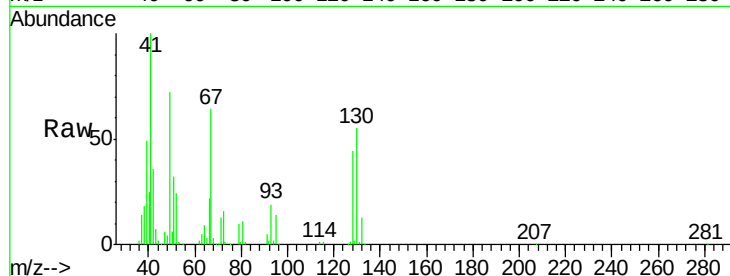
Ion Ratio Lower Upper

41 100

39 0.0 97.6 146.4#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

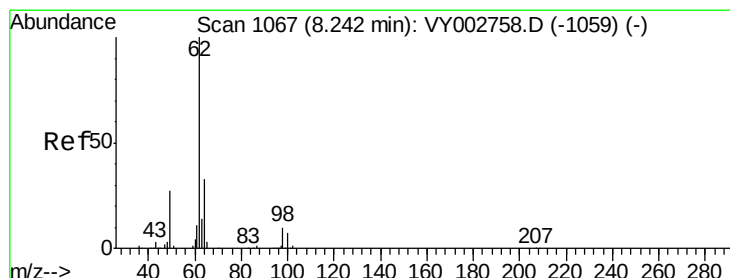
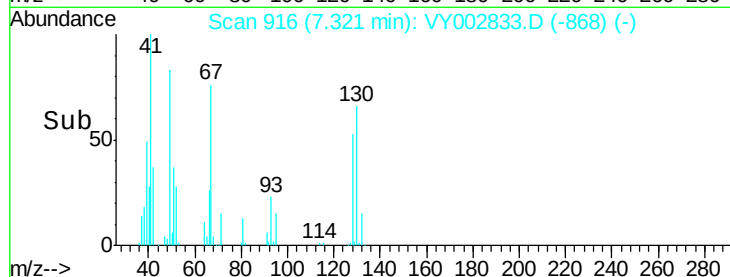
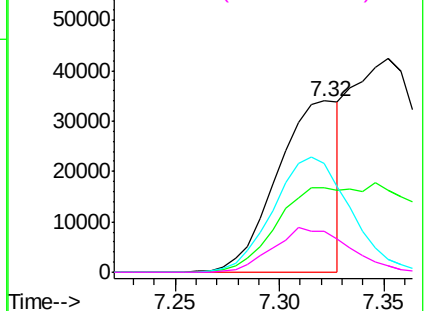


Abundance Ion 41.00 (40.70 to 41.70): VY0

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: 46.397 ug/l

RT: 8.24 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VY002833.D

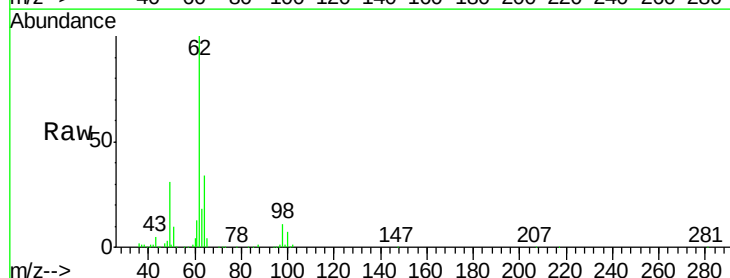
Acq: 03 Jun 2020 15:37

Tgt Ion: 62 Resp: 182385

Ion Ratio Lower Upper

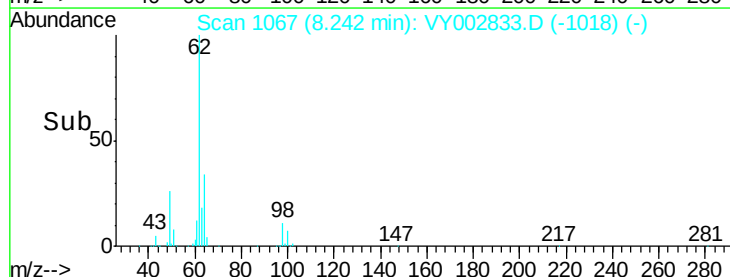
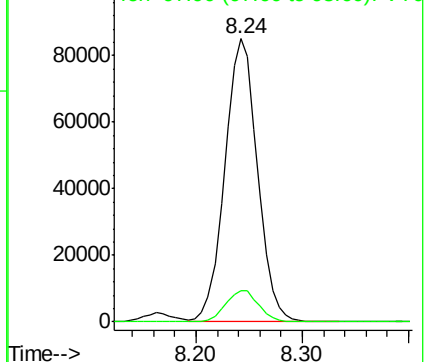
62 100

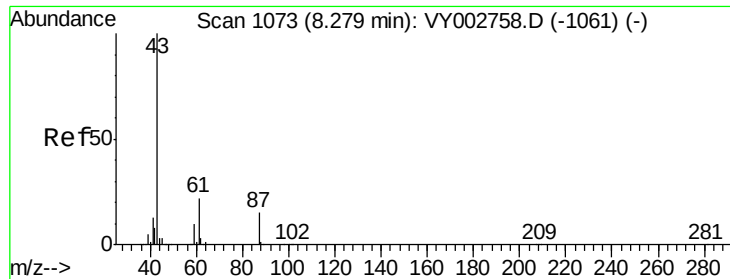
98 11.2 0.0 22.6



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 50.860 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VY002833.D

Acq: 03 Jun 2020 15:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

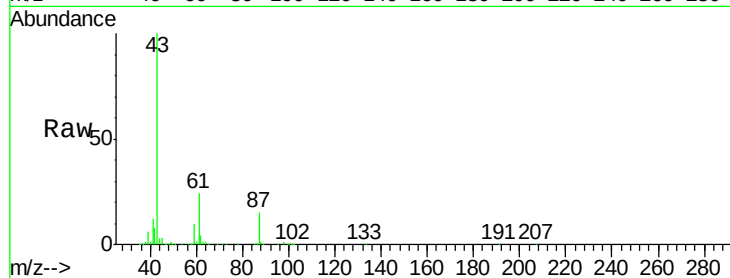
Tot Ion: 43 Resp: 248925

Ion Ratio Lower Upper

43 100

61 30.6 24.8 37.2

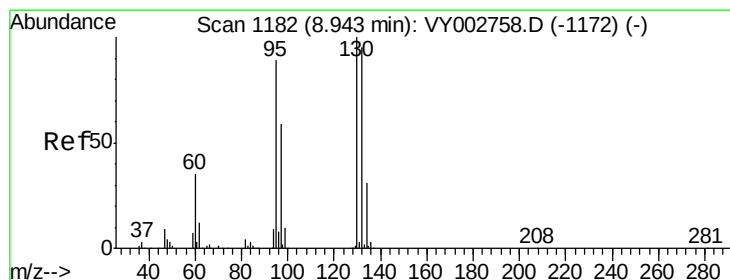
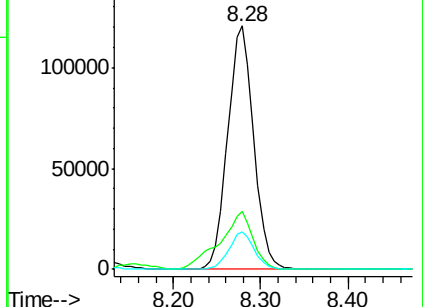
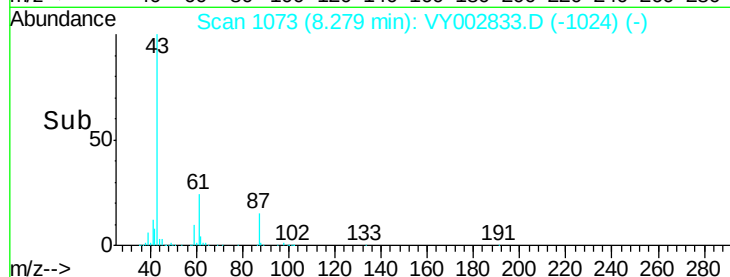
87 15.1 12.4 18.6



Abundance Ion 43.00 (42.70 to 43.70): VY002833.D (-1024) (-)

Ion 61.00 (60.70 to 61.70): VY002833.D (-1024) (-)

Ion 87.00 (86.70 to 87.70): VY002833.D (-1024) (-)



#44

Trichloroethene

Concen: 46.138 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VY002833.D

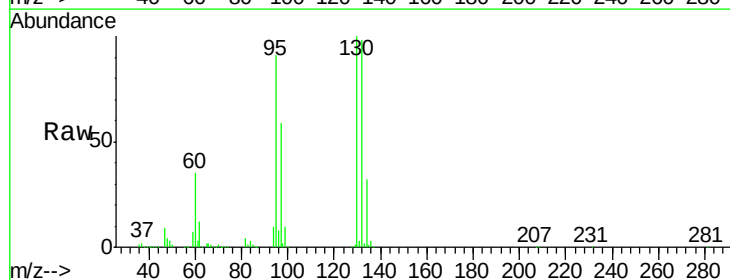
Acq: 03 Jun 2020 15:37

Tgt Ion: 130 Resp: 204417

Ion Ratio Lower Upper

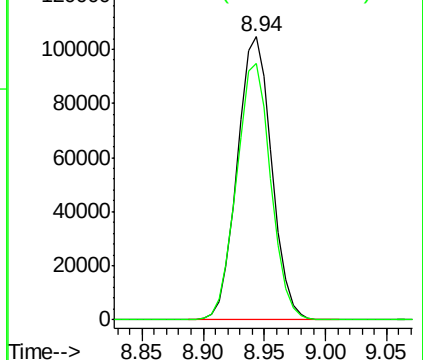
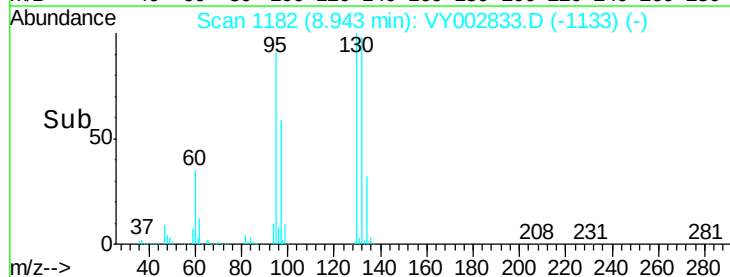
130 100

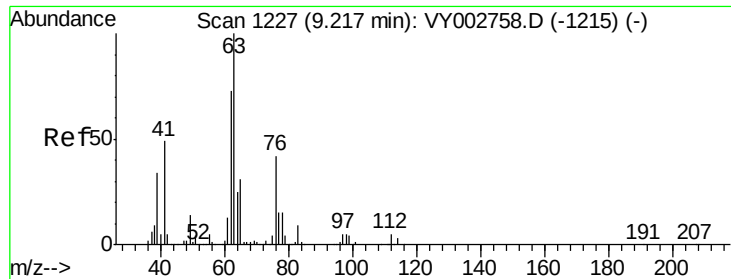
95 90.6 0.0 178.8



Abundance Ion 129.80 (129.50 to 130.50): VY002833.D (-1133) (-)

Ion 94.90 (94.60 to 95.60): VY002833.D (-1133) (-)

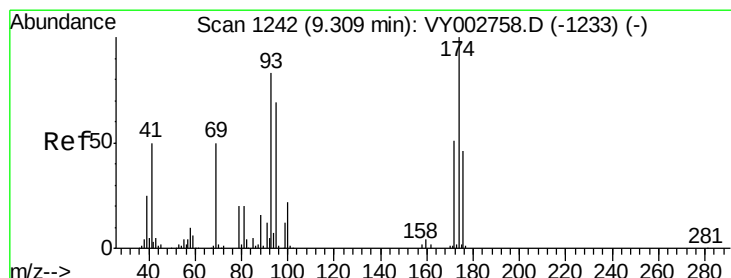
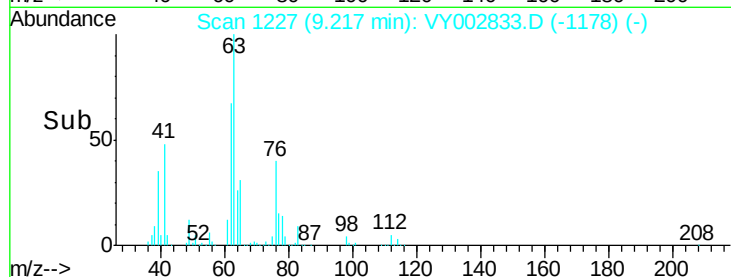
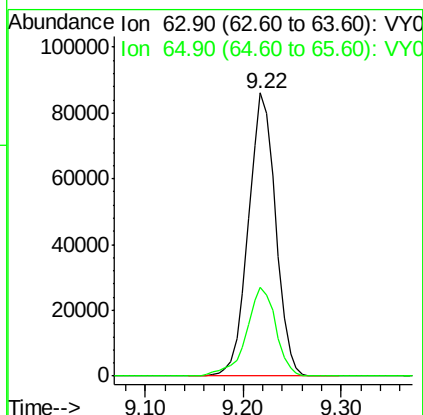
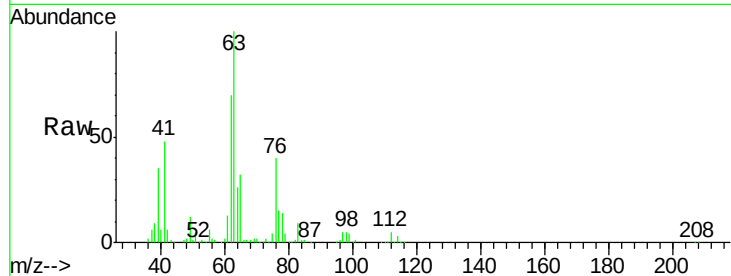




#45
 1,2-Dichloropropane
 Concen: 49.519 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY002833.D
 Acq: 03 Jun 2020 15:37

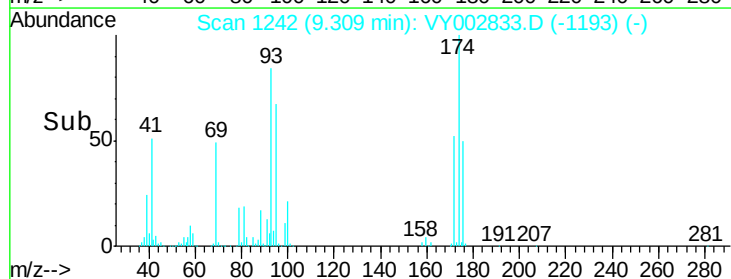
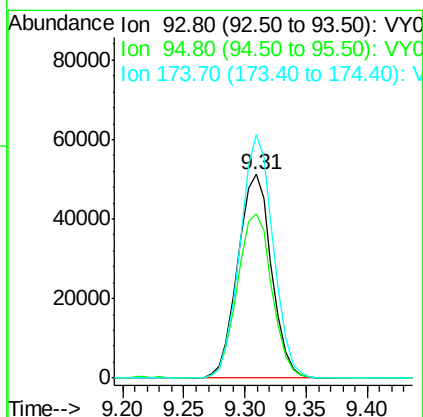
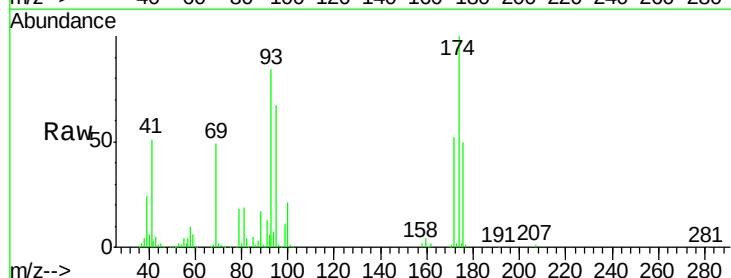
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

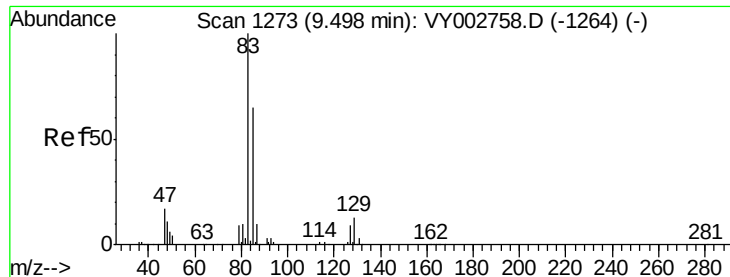
Tot Ion: 63 Resp: 166566
 Ion Ratio Lower Upper
 63 100
 65 31.6 24.8 37.2



#46
 Dibromomethane
 Concen: 48.998 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY002833.D
 Acq: 03 Jun 2020 15:37

Tgt Ion: 93 Resp: 97882
 Ion Ratio Lower Upper
 93 100
 95 82.7 66.9 100.3
 174 117.3 97.7 146.5





#47

Bromodichloromethane

Concen: 48.681 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY002833.D

Acq: 03 Jun 2020 15:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

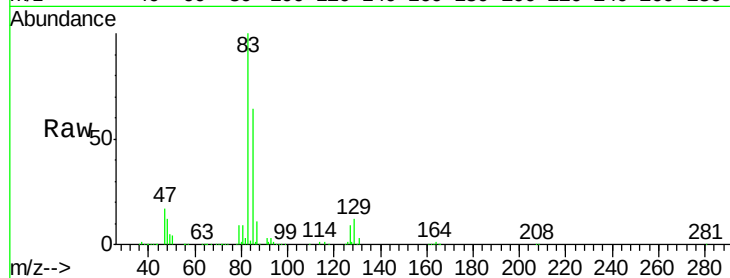
Tot Ion: 83 Resp: 229259

Ion Ratio Lower Upper

83 100

85 63.9 51.9 77.9

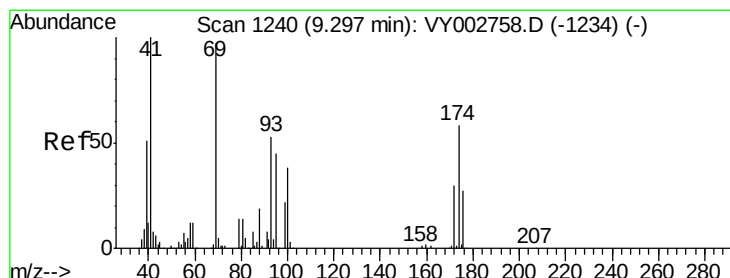
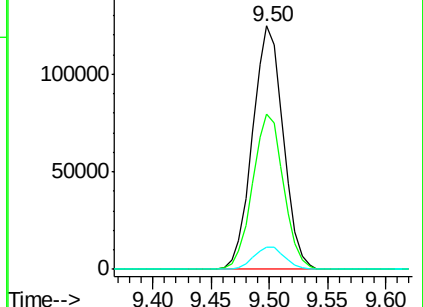
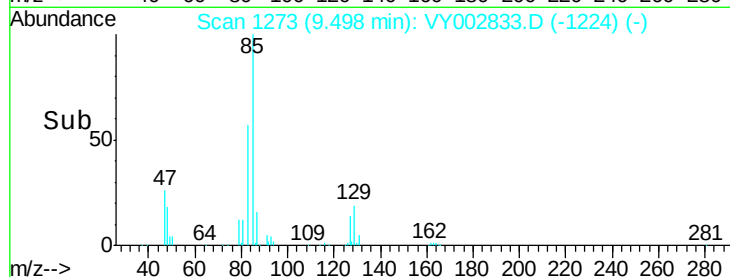
127 9.0 7.1 10.7



Abundance Ion 82.90 (82.60 to 83.60): VY002833.D (-1224) (-)

Ion 84.90 (84.60 to 85.60): VY002833.D (-1224) (-)

Ion 126.80 (126.50 to 127.50): VY002833.D (-1224) (-)



#48

Methyl methacrylate

Concen: 51.283 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VY002833.D

Acq: 03 Jun 2020 15:37

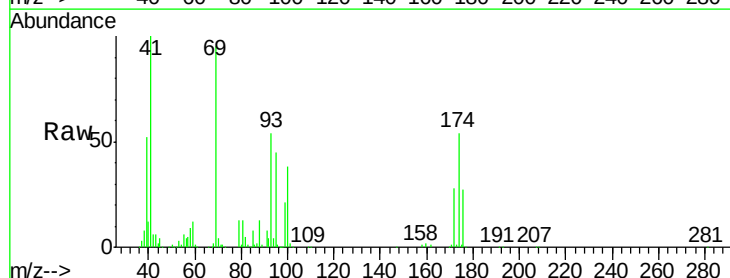
Tgt Ion: 41 Resp: 113306

Ion Ratio Lower Upper

41 100

69 96.5 79.7 119.5

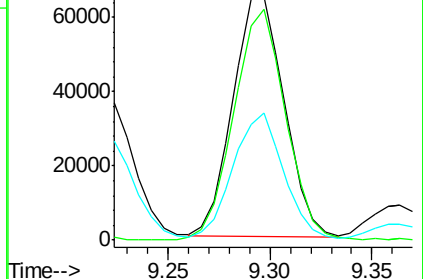
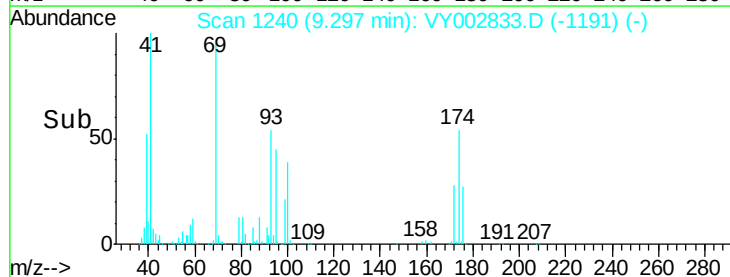
39 50.3 43.3 64.9

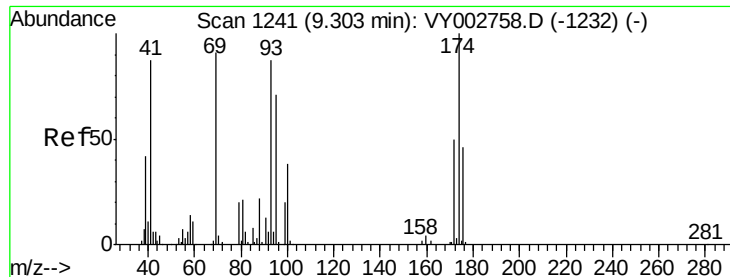


Abundance Ion 41.00 (40.70 to 41.70): VY002833.D (-1191) (-)

Ion 69.00 (68.70 to 69.70): VY002833.D (-1191) (-)

Ion 39.00 (38.70 to 39.70): VY002833.D (-1191) (-)

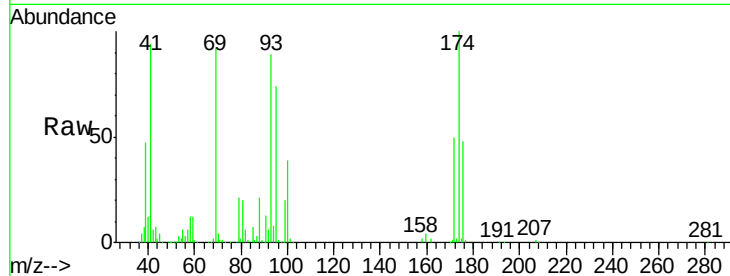




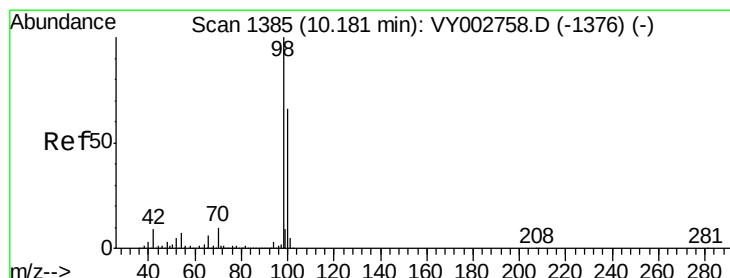
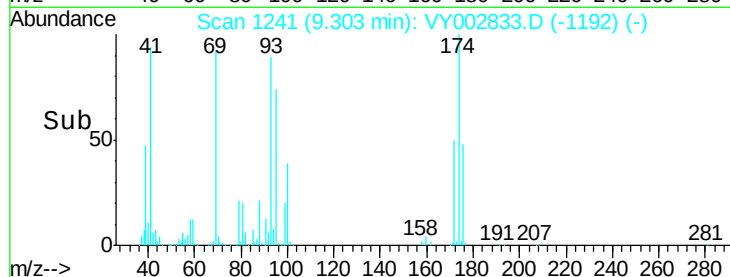
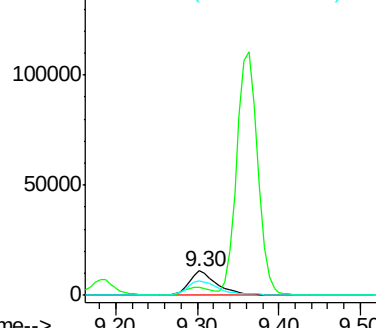
#49
1,4-Dioxane
Concen: 870.238 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VY002833.D
Acq: 03 Jun 2020 15:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 88 Resp: 26693
Ion Ratio Lower Upper
88 100
43 27.9 21.3 31.9
58 69.9 52.2 78.2

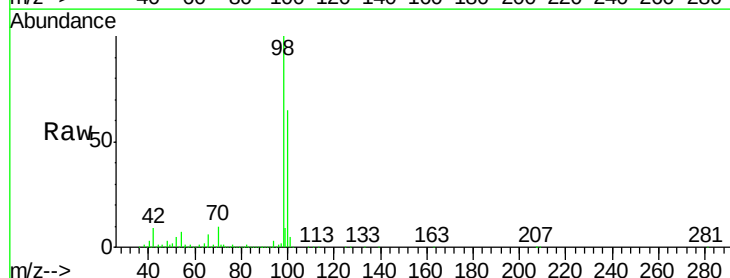


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

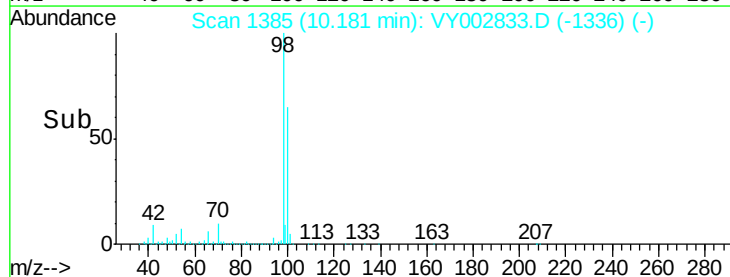
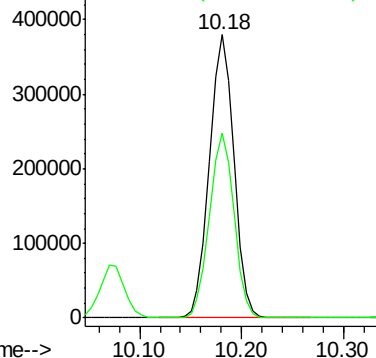


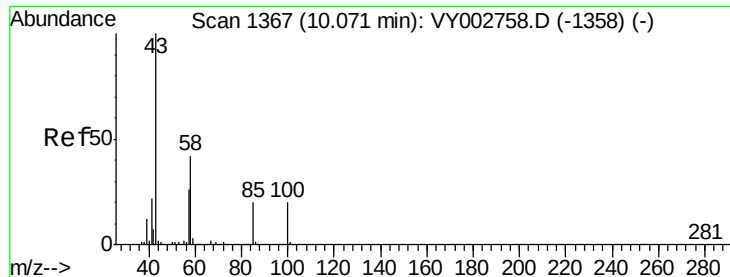
#50
Toluene-d8
Concen: 47.120 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY002833.D
Acq: 03 Jun 2020 15:37

Tgt Ion: 98 Resp: 629199
Ion Ratio Lower Upper
98 100
100 65.5 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY0

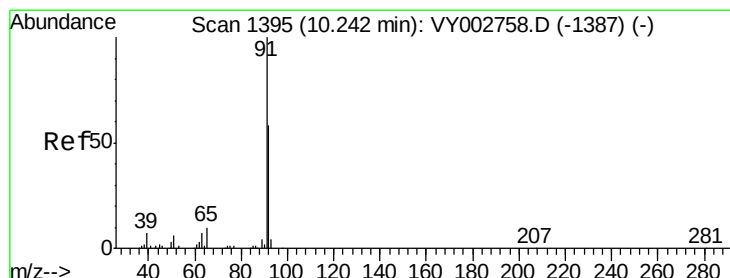
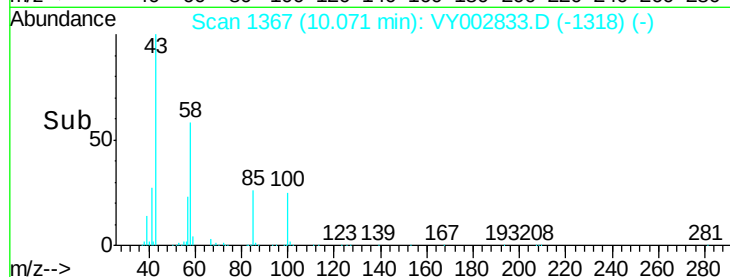
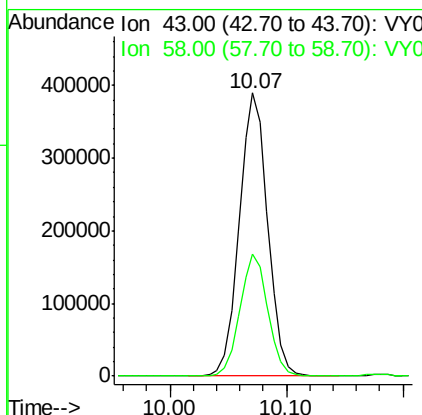
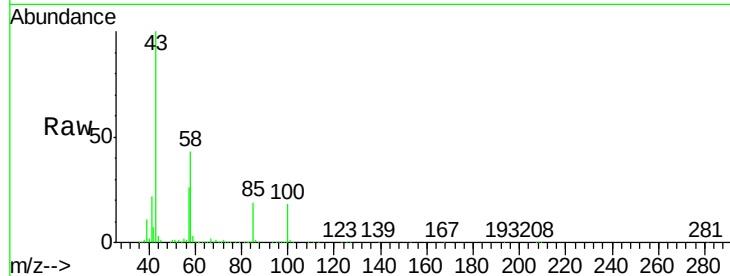




#51
 4-Methyl-2-Pentanone
 Concen: 253.484 ug/l
 RT: 10.07 min Scan# 1367
 Delta R.T. 0.00 min
 Lab File: VY002833.D
 Acq: 03 Jun 2020 15:37

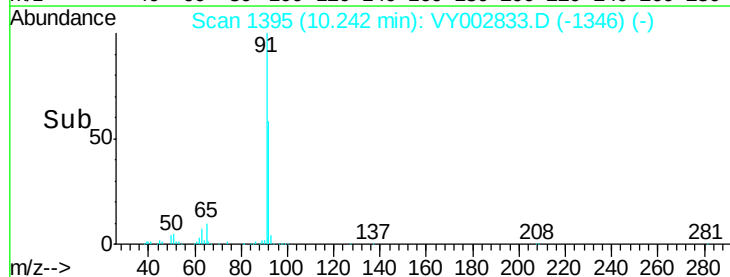
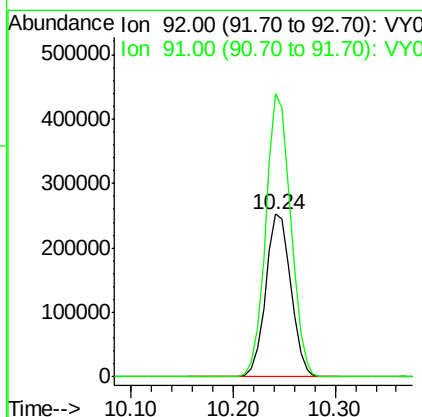
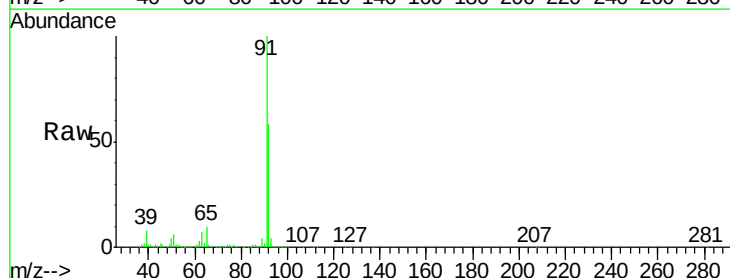
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

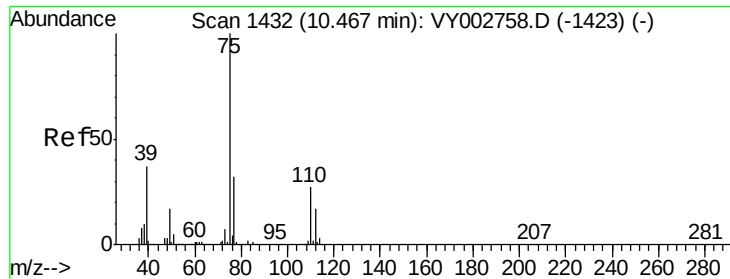
Tot Ion: 43 Resp: 656941
 Ion Ratio Lower Upper
 43 100
 58 42.5 34.2 51.2



#52
 Toluene
 Concen: 47.003 ug/l
 RT: 10.24 min Scan# 1395
 Delta R.T. 0.00 min
 Lab File: VY002833.D
 Acq: 03 Jun 2020 15:37

Tgt Ion: 92 Resp: 431290
 Ion Ratio Lower Upper
 92 100
 91 172.3 138.5 207.7





#53

t-1,3-Dichloropropene

Concen: 48.492 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY002833.D

Acq: 03 Jun 2020 15:37

Instrument :

MSVOA_Y

ClientSampleId :

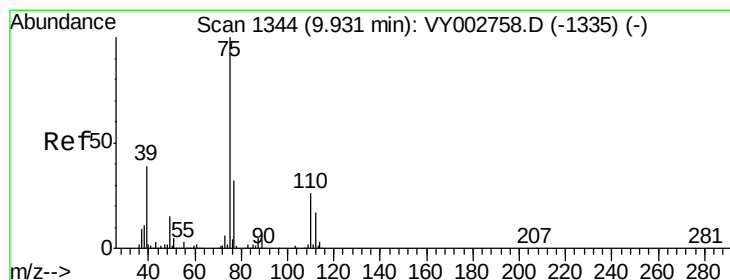
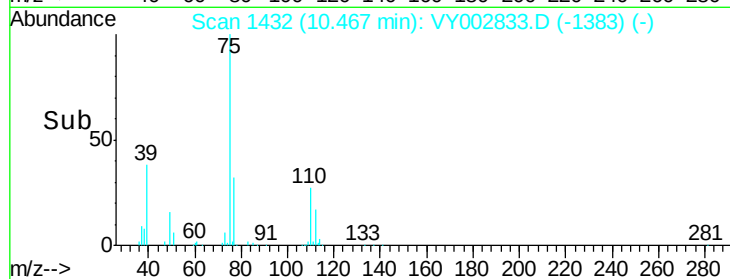
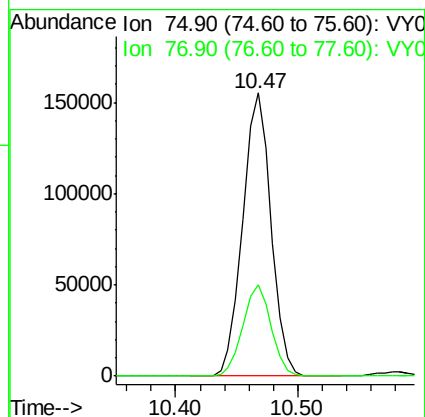
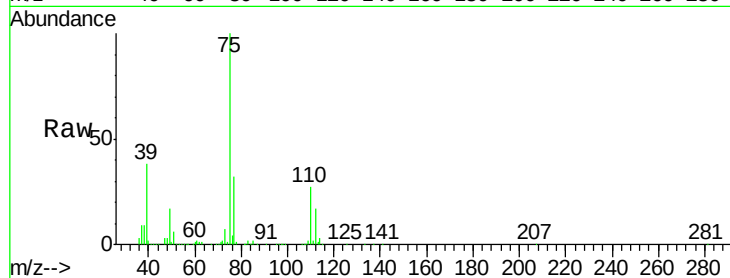
VSTDCCC050EC

Tot Ion: 75 Resp: 249435

Ion Ratio Lower Upper

75 100

77 32.1 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 48.610 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY002833.D

Acq: 03 Jun 2020 15:37

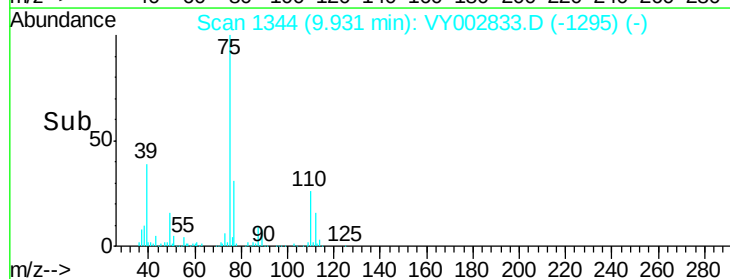
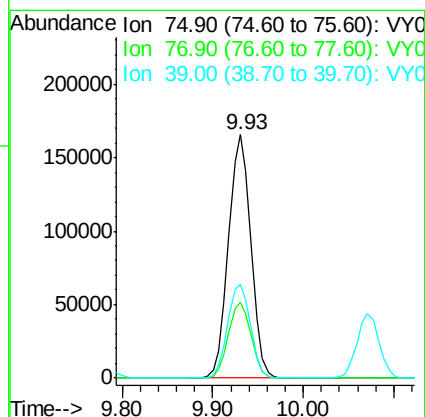
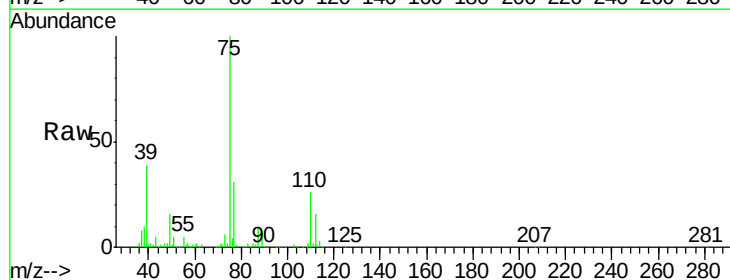
Tgt Ion: 75 Resp: 283327

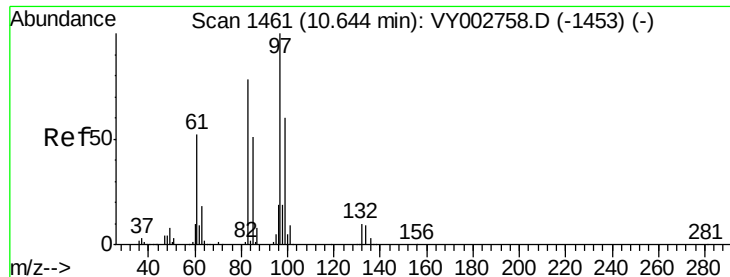
Ion Ratio Lower Upper

75 100

77 31.3 25.6 38.4

39 38.6 31.3 46.9





#55

1,1,2-Trichloroethane

Concen: 48.070 ug/l

RT: 10.64 min Scan# 1461

Delta R.T. 0.00 min

Lab File: VY002833.D

Acq: 03 Jun 2020 15:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 147015

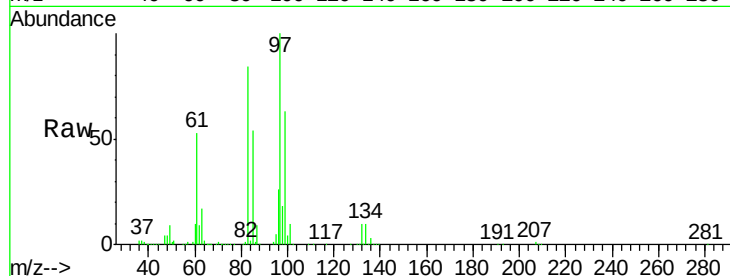
Ion Ratio Lower Upper

97 100

83 83.7 62.7 94.1

85 53.4 40.6 60.8

99 63.0 48.2 72.4

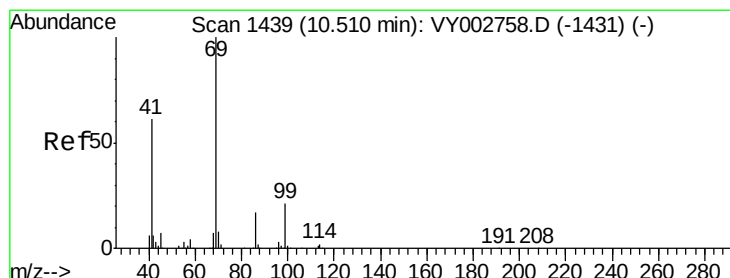
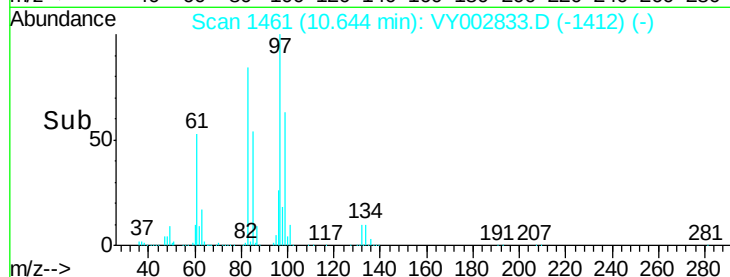
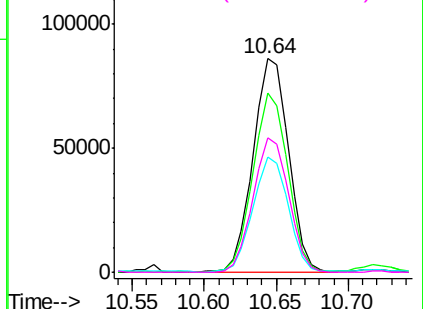


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 50.058 ug/l

RT: 10.51 min Scan# 1439

Delta R.T. 0.00 min

Lab File: VY002833.D

Acq: 03 Jun 2020 15:37

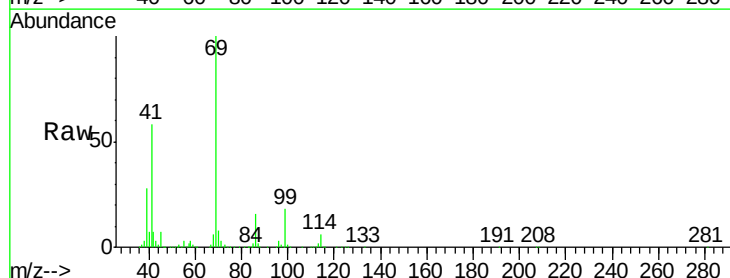
Tgt Ion: 69 Resp: 205055

Ion Ratio Lower Upper

69 100

41 59.4 47.0 70.4

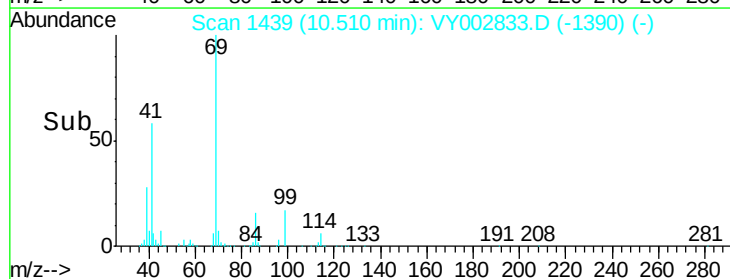
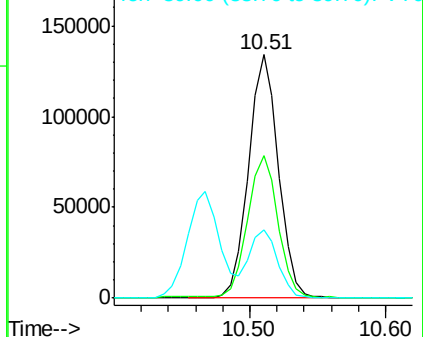
39 26.7 22.0 33.0

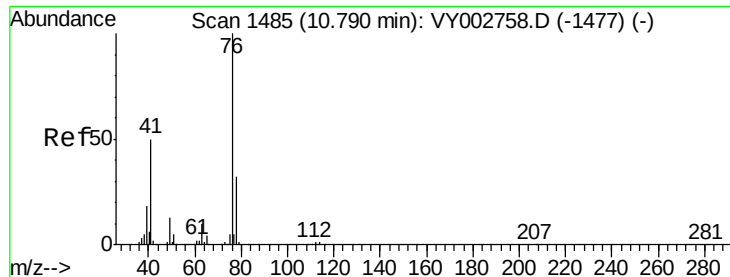


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#57

1,3-Dichloropropane

Concen: 48.599 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY002833.D

Acq: 03 Jun 2020 15:37

Instrument :

MSVOA_Y

ClientSampleId :

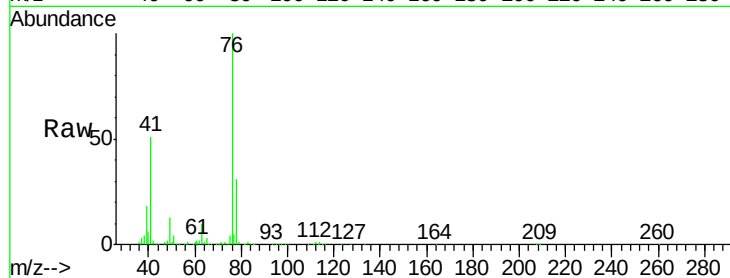
VSTDCCC050EC

Tot Ion: 76 Resp: 244466

Ion Ratio Lower Upper

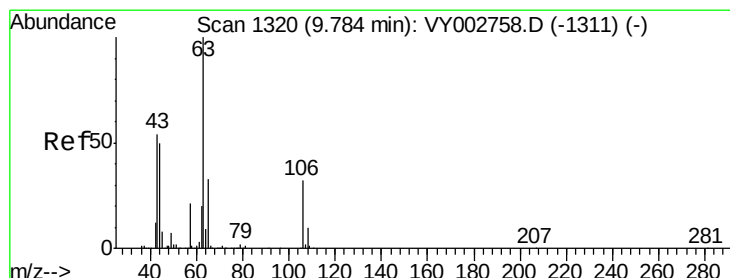
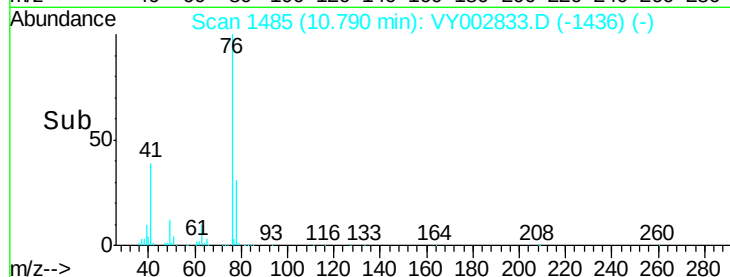
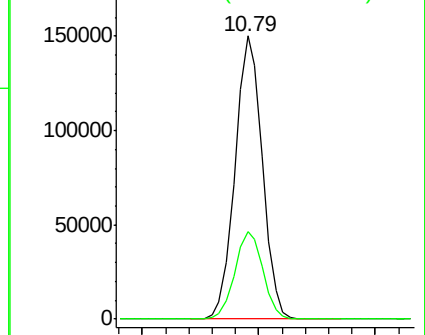
76 100

78 31.8 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 260.498 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY002833.D

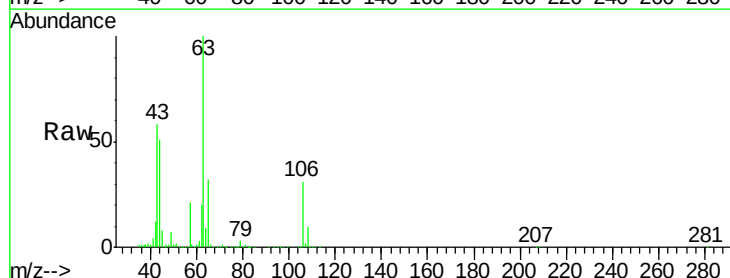
Acq: 03 Jun 2020 15:37

Tgt Ion: 63 Resp: 521412

Ion Ratio Lower Upper

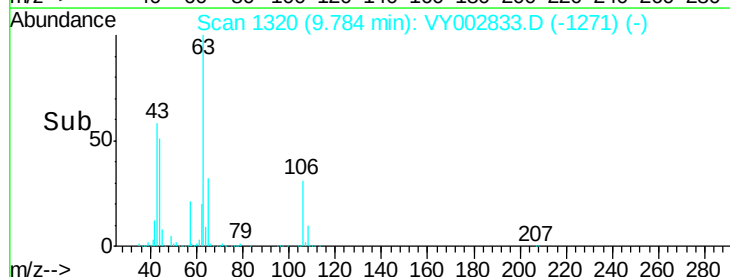
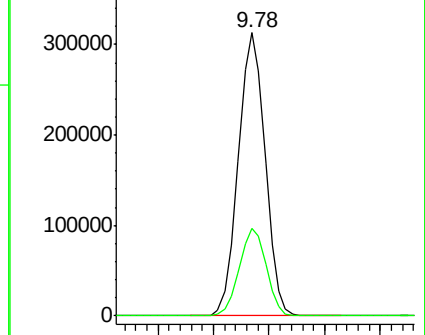
63 100

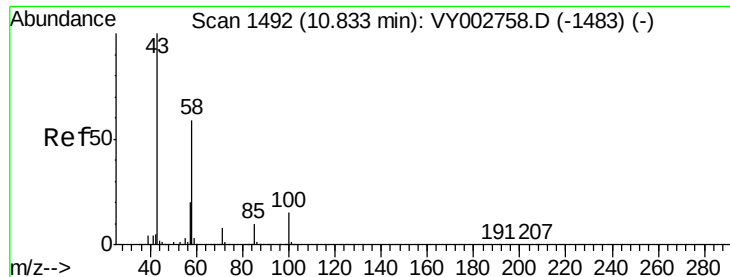
106 31.0 25.4 38.2



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

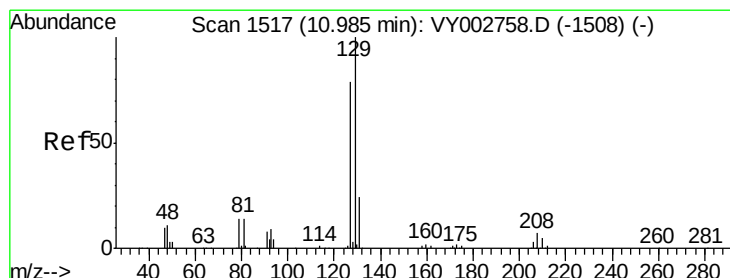
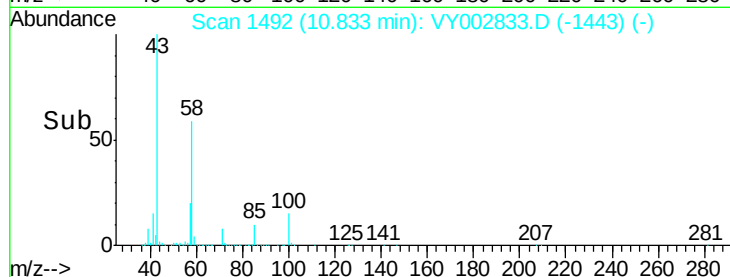
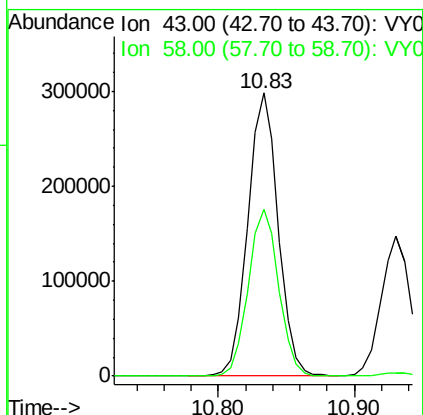
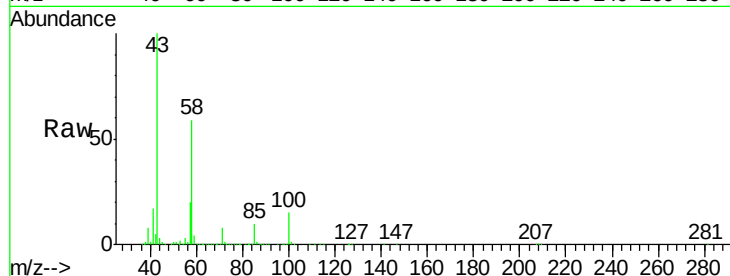




#59
2-Hexanone
Concen: 252.069 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY002833.D
Acq: 03 Jun 2020 15:37

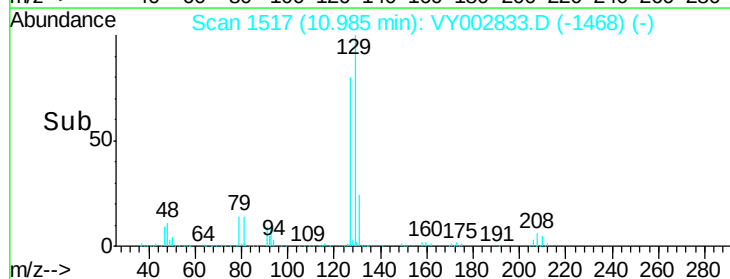
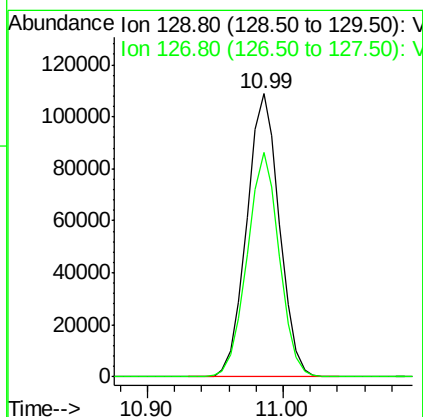
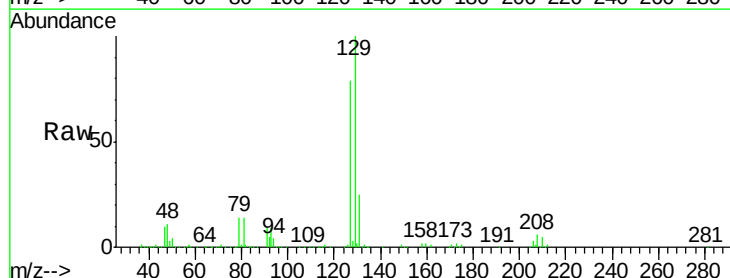
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

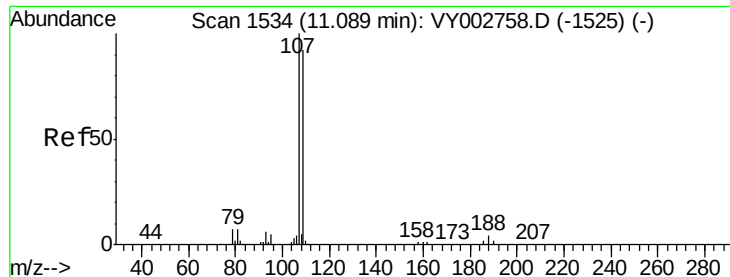
Tot Ion: 43 Resp: 463513
Ion Ratio Lower Upper
43 100
58 59.3 29.5 88.5



#60
Dibromochloromethane
Concen: 47.189 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY002833.D
Acq: 03 Jun 2020 15:37

Tgt Ion: 129 Resp: 182970
Ion Ratio Lower Upper
129 100
127 77.9 38.5 115.3

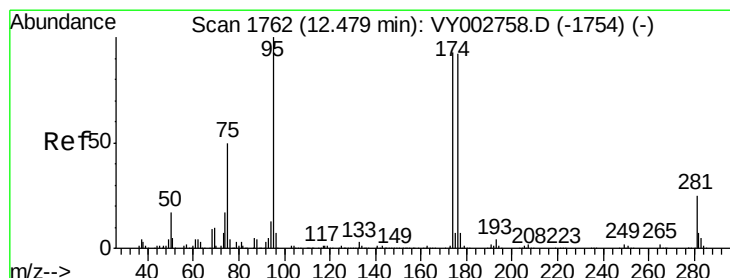
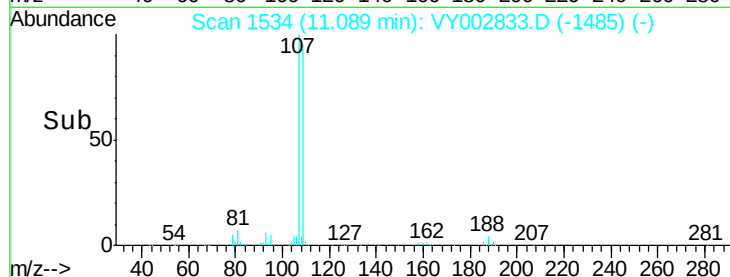
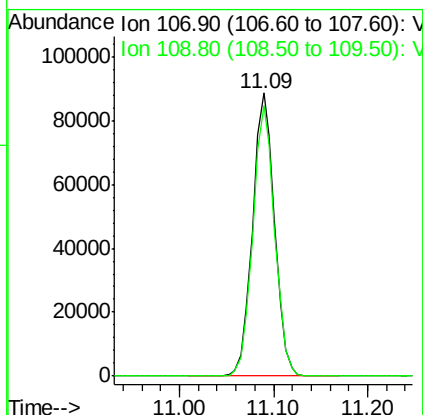
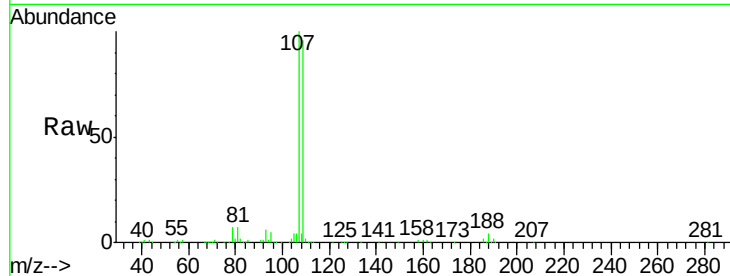




#61
 1,2-Dibromoethane
 Concen: 48.285 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY002833.D
 Acq: 03 Jun 2020 15:37

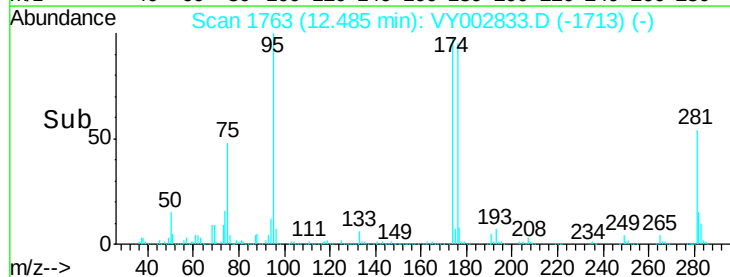
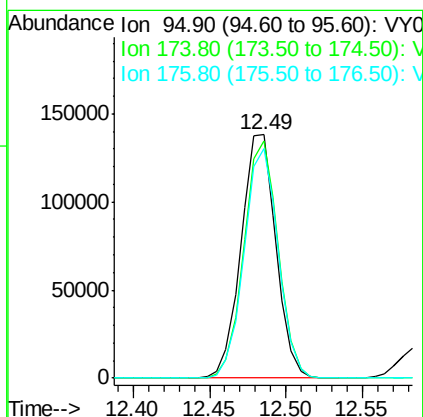
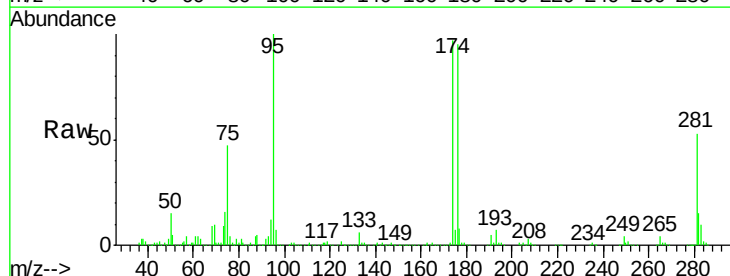
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

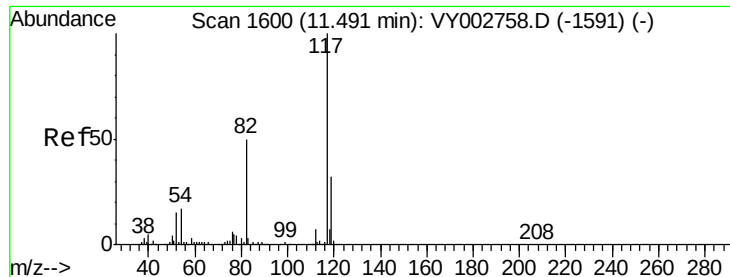
Tot Ion:107 Resp: 145671
 Ion Ratio Lower Upper
 107 100
 109 95.4 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 47.826 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. 0.01 min
 Lab File: VY002833.D
 Acq: 03 Jun 2020 15:37

Tgt Ion: 95 Resp: 218252
 Ion Ratio Lower Upper
 95 100
 174 95.6 0.0 191.2
 176 92.5 0.0 188.8

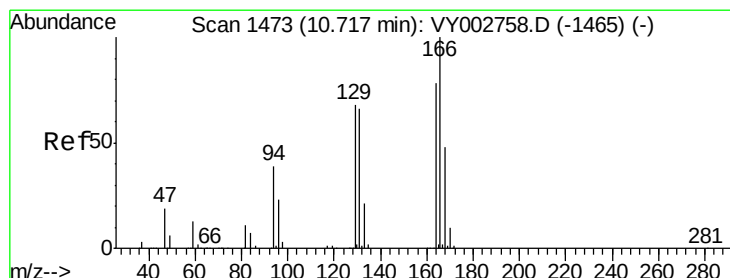
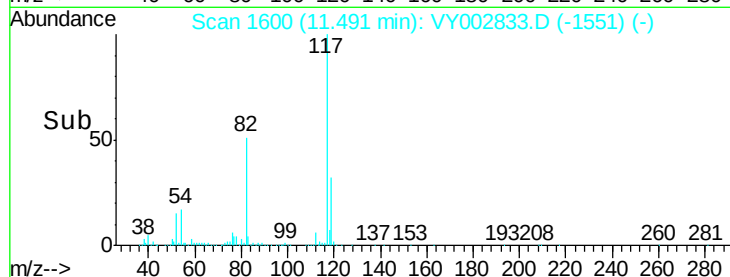
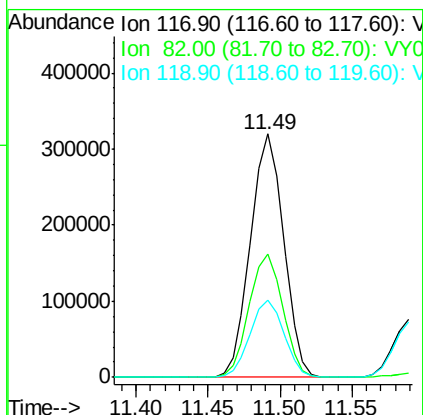
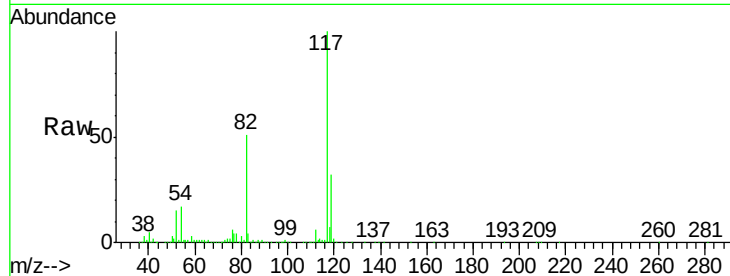




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002833.D
Acq: 03 Jun 2020 15:37

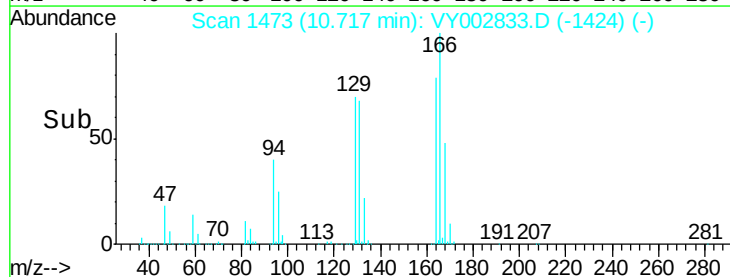
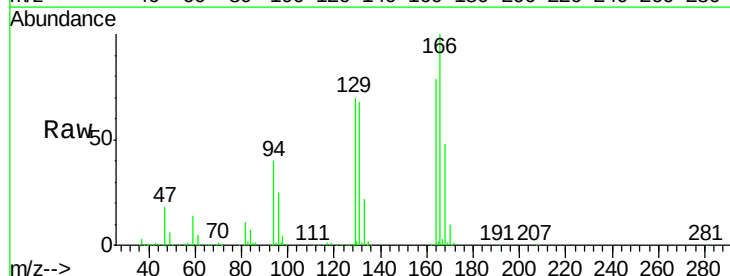
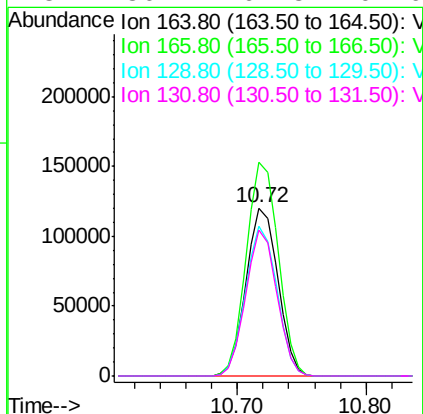
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

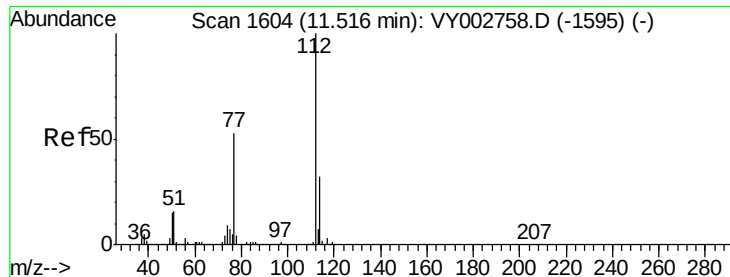
Tot Ion:117 Resp: 511869
Ion Ratio Lower Upper
117 100
82 50.8 40.2 60.4
119 31.8 25.8 38.8



#64
Tetrachloroethene
Concen: 44.074 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY002833.D
Acq: 03 Jun 2020 15:37

Tgt Ion:164 Resp: 205040
Ion Ratio Lower Upper
164 100
166 127.1 102.3 153.5
129 89.4 69.4 104.2
131 86.7 67.8 101.6

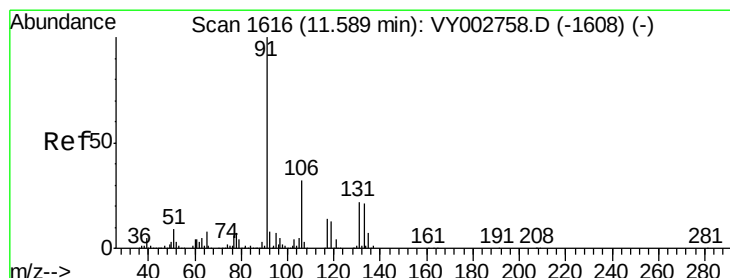
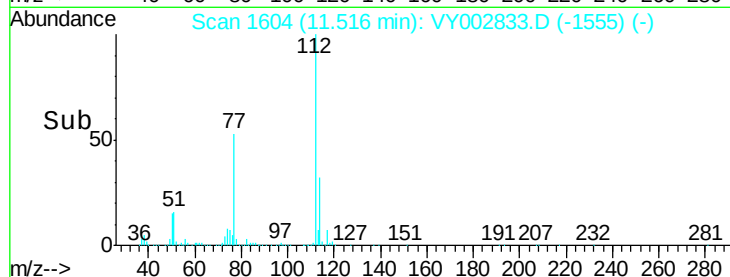
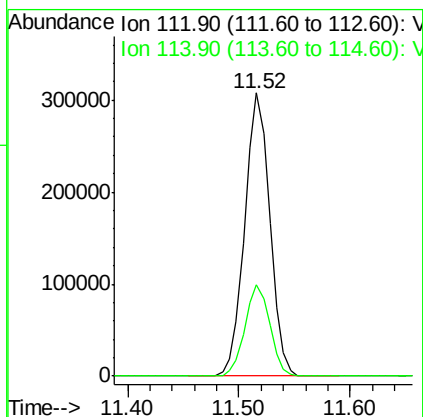
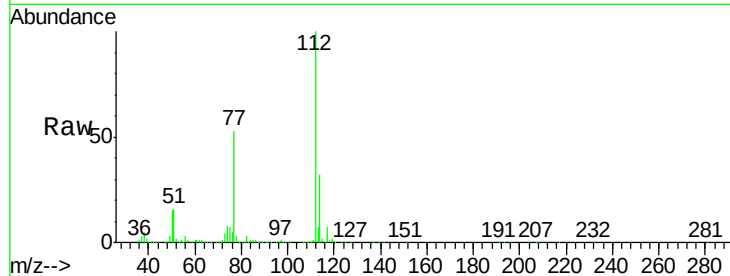




#65
Chlorobenzene
Concen: 47.686 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY002833.D
Acq: 03 Jun 2020 15:37

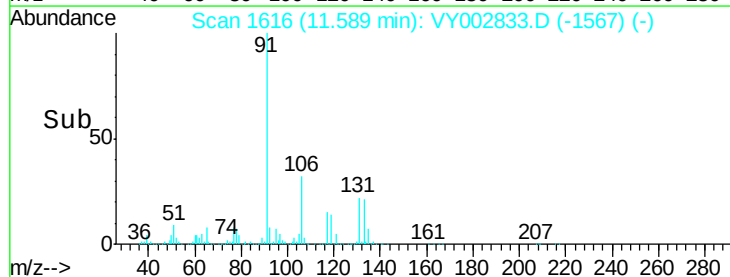
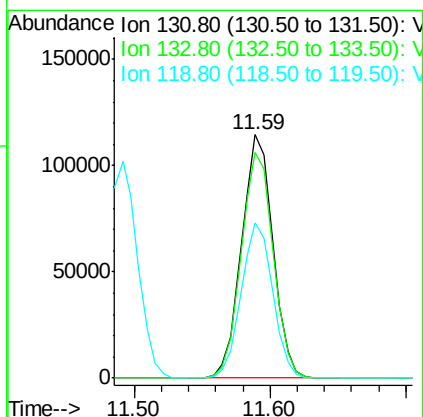
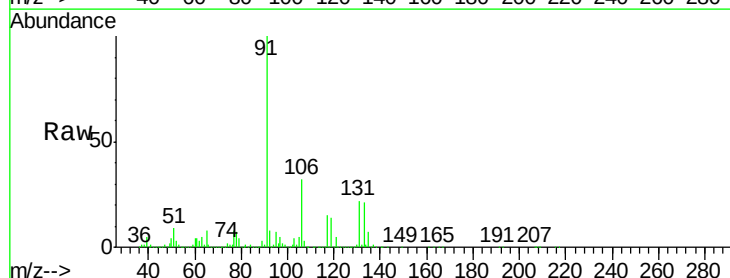
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

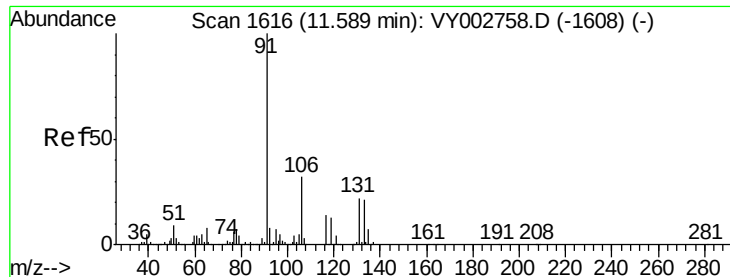
Tot Ion:112 Resp: 482445
Ion Ratio Lower Upper
112 100
114 32.2 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 48.446 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY002833.D
Acq: 03 Jun 2020 15:37

Tgt Ion:131 Resp: 184595
Ion Ratio Lower Upper
131 100
133 94.9 47.6 142.8
119 64.2 31.7 95.1





#67

Ethyl Benzene

Concen: 47.757 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. 0.01 min

Lab File: VY002833.D

Acq: 03 Jun 2020 15:37

Instrument :

MSVOA_Y

ClientSampleId :

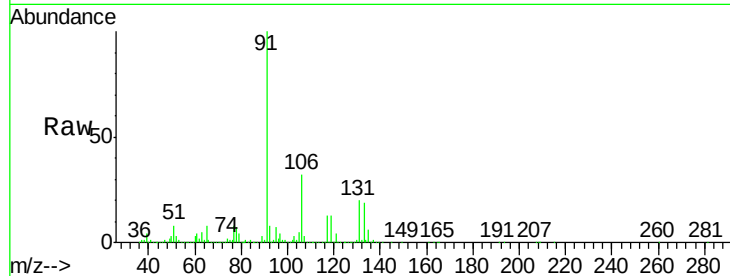
VSTDCCC050EC

Tot Ion: 91 Resp: 837626

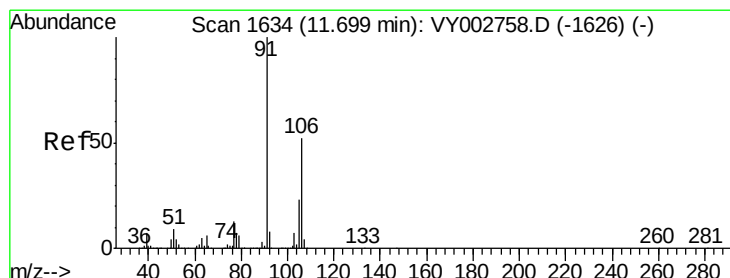
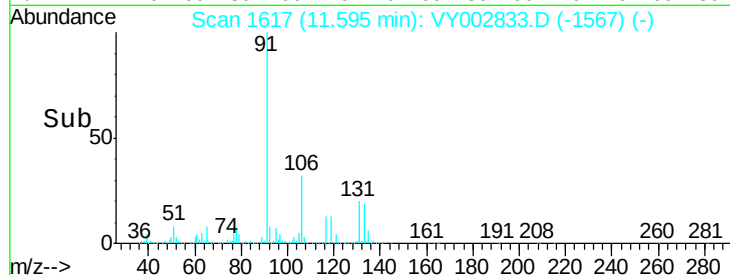
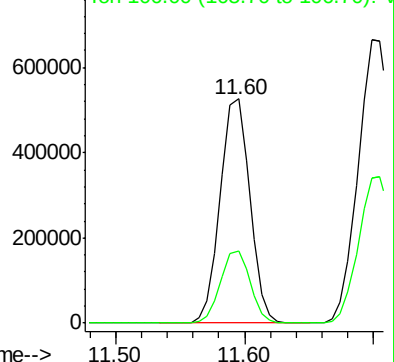
Ion Ratio Lower Upper

91 100

106 32.1 25.7 38.5



Abundance Ion 91.00 (90.70 to 91.70): VY002758.D (-1608) (-)



#68

m/p-Xylenes

Concen: 95.371 ug/l

RT: 11.70 min Scan# 1635

Delta R.T. 0.01 min

Lab File: VY002833.D

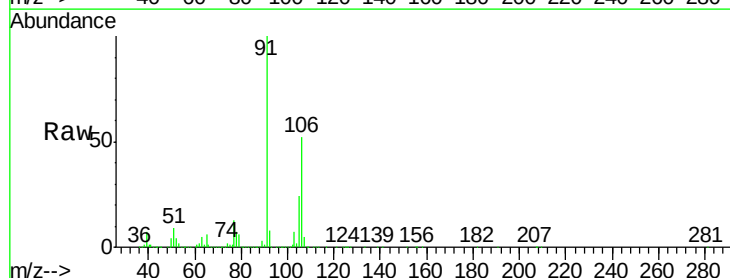
Acq: 03 Jun 2020 15:37

Tgt Ion: 106 Resp: 648549

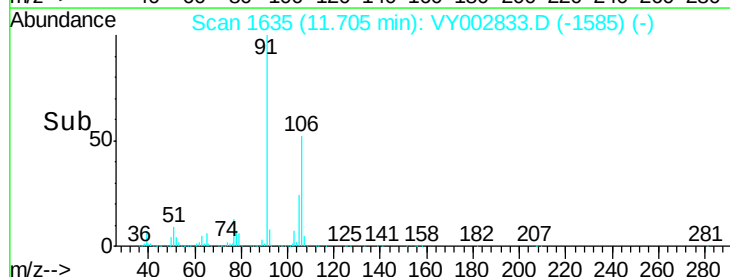
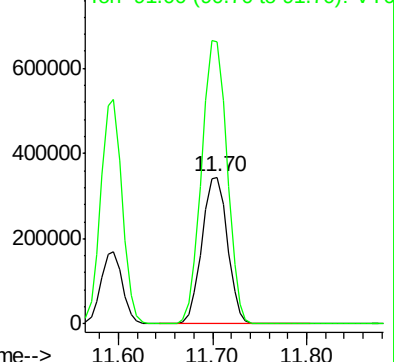
Ion Ratio Lower Upper

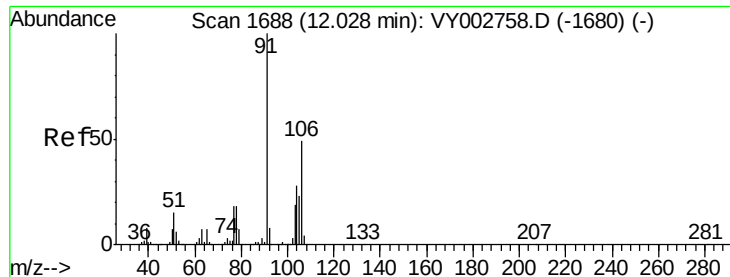
106 100

91 193.2 156.0 234.0



Abundance Ion 106.00 (105.70 to 106.70): VY002758.D (-1626) (-)

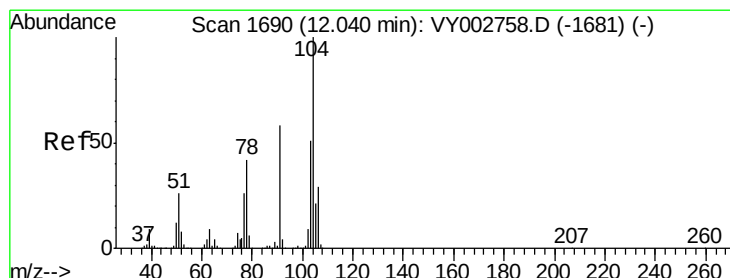
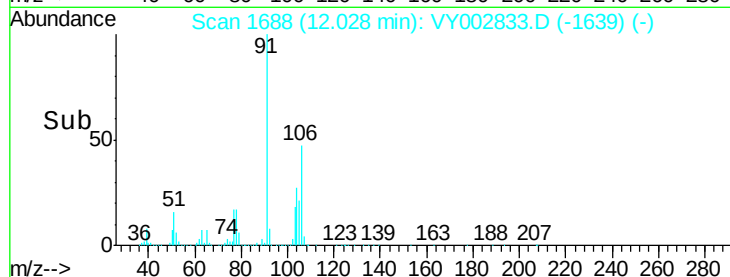
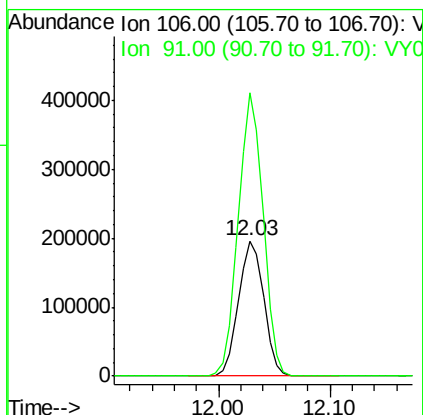
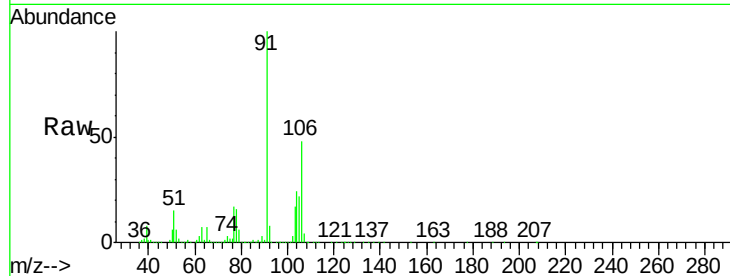




#69
o-Xylene
Concen: 48.072 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY002833.D
Acq: 03 Jun 2020 15:37

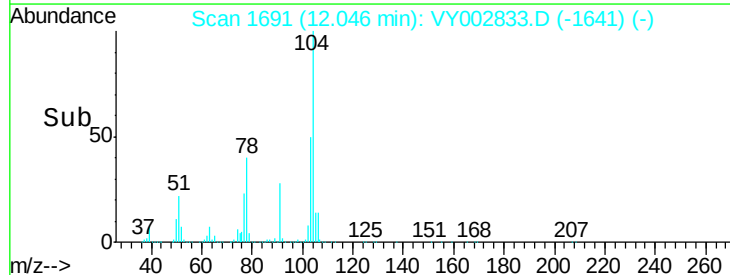
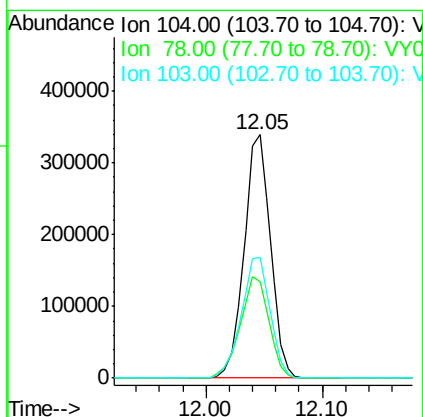
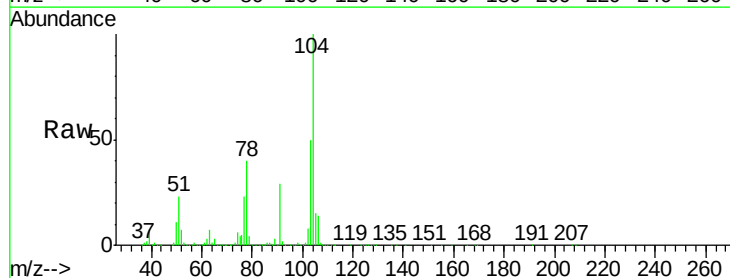
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

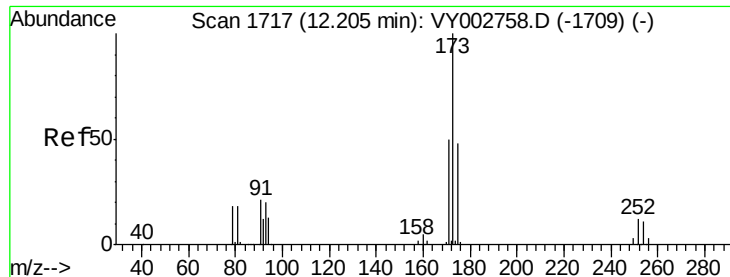
Tot Ion:106 Resp: 308609
Ion Ratio Lower Upper
106 100
91 205.7 102.4 307.1



#70
Styrene
Concen: 48.253 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY002833.D
Acq: 03 Jun 2020 15:37

Tgt Ion:104 Resp: 536993
Ion Ratio Lower Upper
104 100
78 45.5 36.2 54.4
103 54.5 43.6 65.4





#71

Bromoform

Concen: 48.330 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.01 min

Lab File: VY002833.D

Acq: 03 Jun 2020 15:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

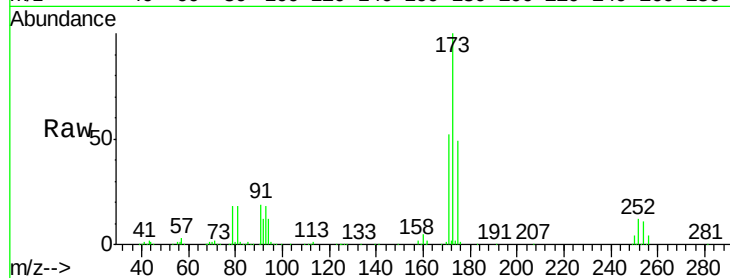
Tot Ion:173 Resp: 123221

Ion Ratio Lower Upper

173 100

175 48.6 24.3 72.8

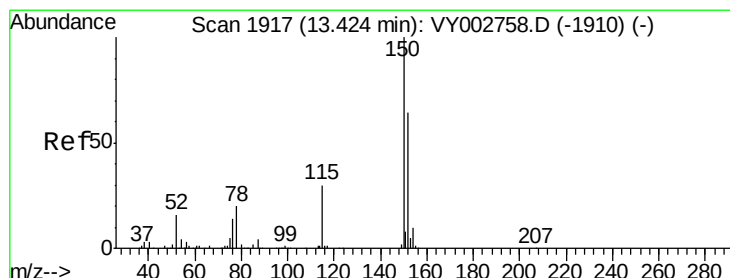
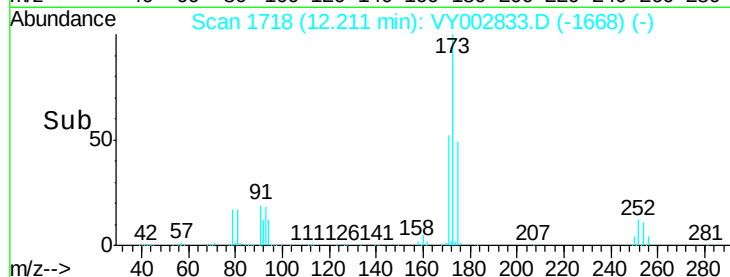
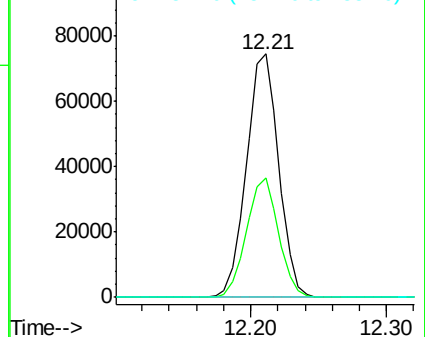
254 0.1 0.1 0.1



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: 13.43 min Scan# 1918

Delta R.T. 0.01 min

Lab File: VY002833.D

Acq: 03 Jun 2020 15:37

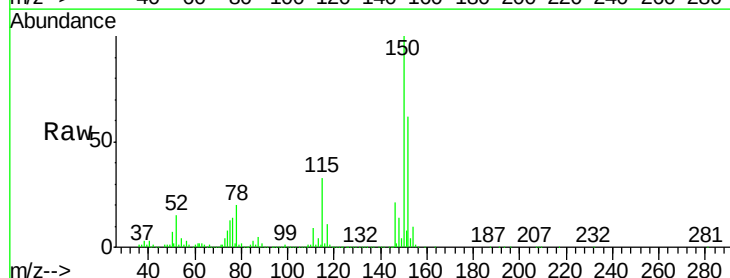
Tgt Ion:152 Resp: 264947

Ion Ratio Lower Upper

152 100

115 54.2 27.0 81.0

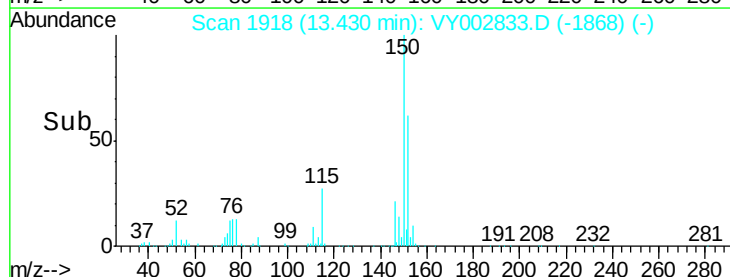
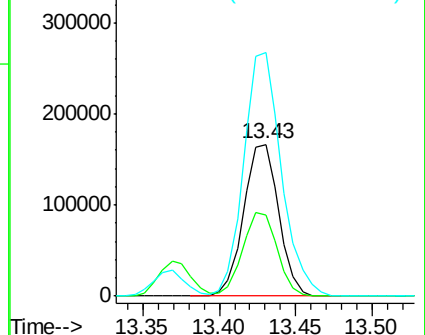
150 172.7 0.0 344.8

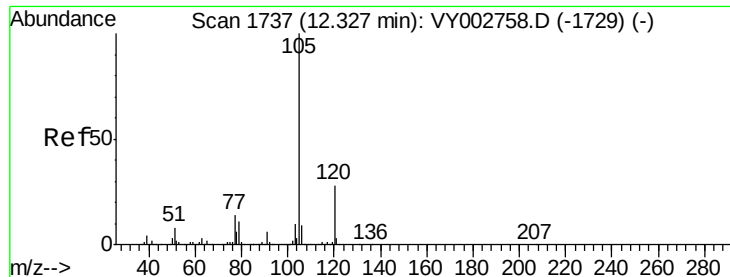


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.076 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. 0.01 min

Lab File: VY002833.D

Acq: 03 Jun 2020 15:37

Instrument :

MSVOA_Y

ClientSampleId :

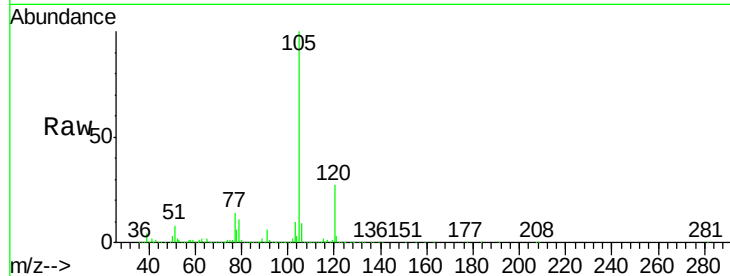
VSTDCCC050EC

Tot Ion:105 Resp: 833261

Ion Ratio Lower Upper

105 100

120 27.4 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.33

600000

500000

400000

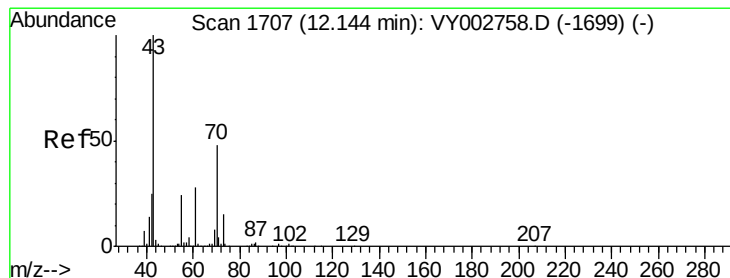
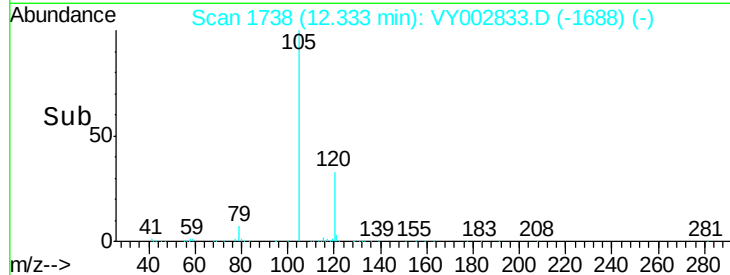
300000

200000

100000

0

Time--> 12.20 12.30 12.40



#74

N-ethyl acetate

Concen: 52.536 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY002833.D

Acq: 03 Jun 2020 15:37

Tgt Ion: 43 Resp: 228873

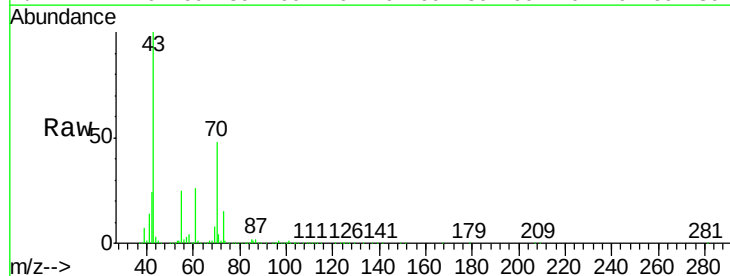
Ion Ratio Lower Upper

43 100

70 47.9 37.7 56.5

55 24.4 19.8 29.6

61 26.8 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

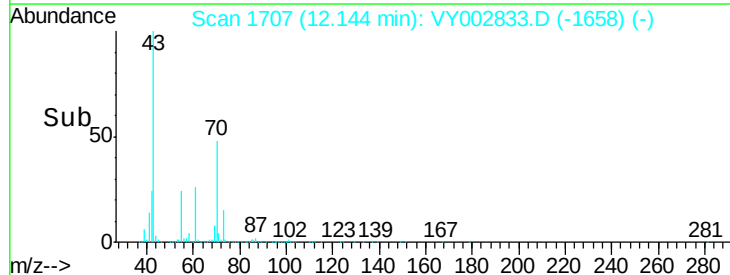
150000

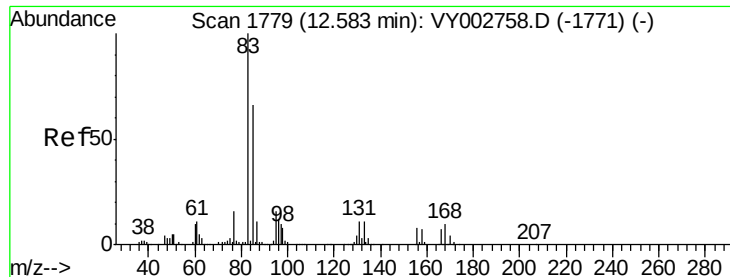
100000

50000

0

Time--> 12.10 12.15 12.20





#75

1,1,2,2-Tetrachloroethane

Concen: 53.724 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY002833.D

Acq: 03 Jun 2020 15:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

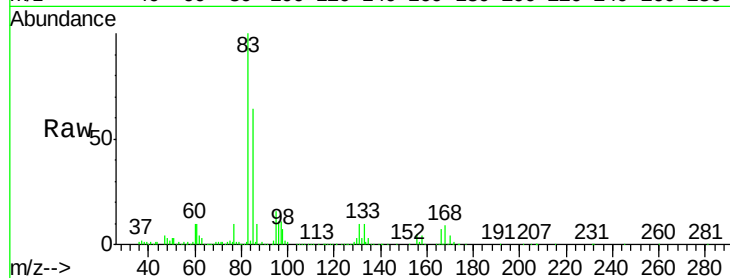
Tot Ion: 83 Resp: 160045

Ion Ratio Lower Upper

83 100

131 11.7 5.8 17.4

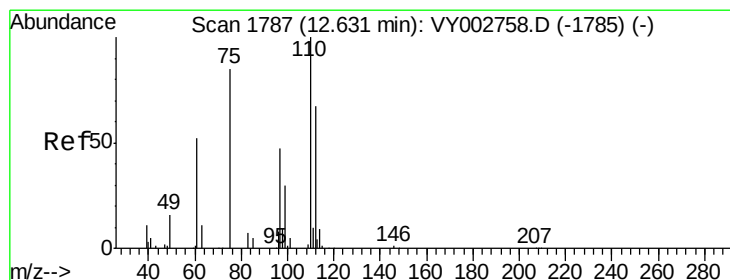
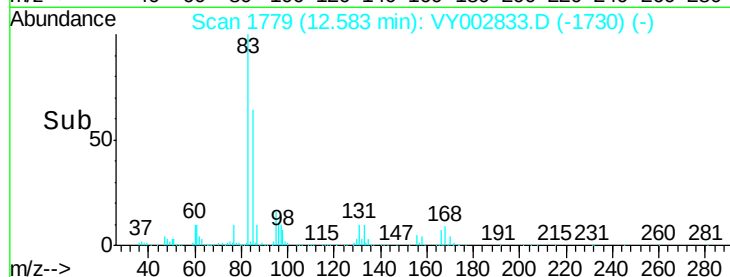
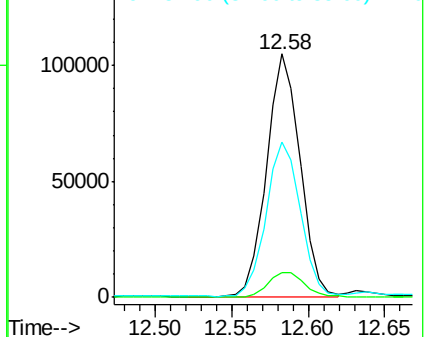
85 65.0 32.6 98.0



Abundance Ion 82.90 (82.60 to 83.60): VY002833.D (-1730) (-)

Ion 130.80 (130.50 to 131.50): VY002833.D (-1730) (-)

Ion 84.90 (84.60 to 85.60): VY002833.D (-1730) (-)



#76

1,2,3-Trichloropropane

Concen: 53.714 ug/l m

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY002833.D

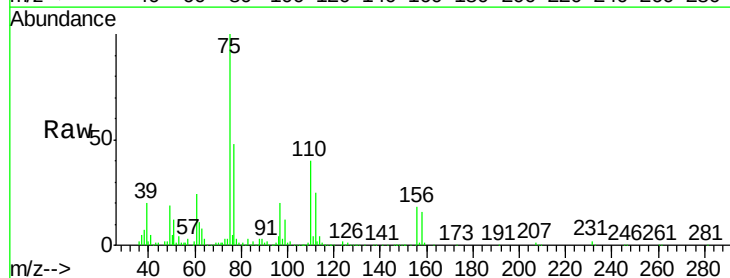
Acq: 03 Jun 2020 15:37

Tgt Ion: 75 Resp: 128233

Ion Ratio Lower Upper

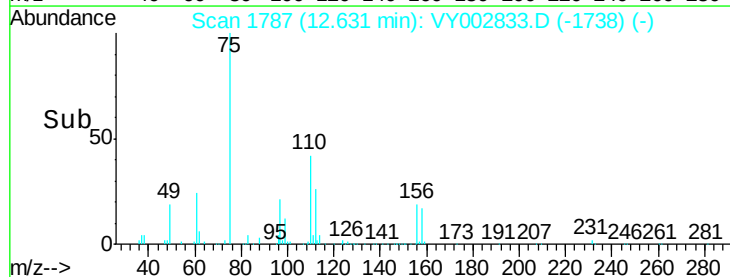
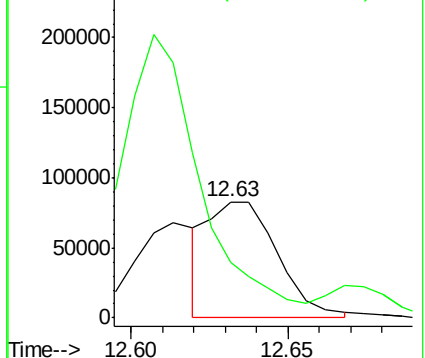
75 100

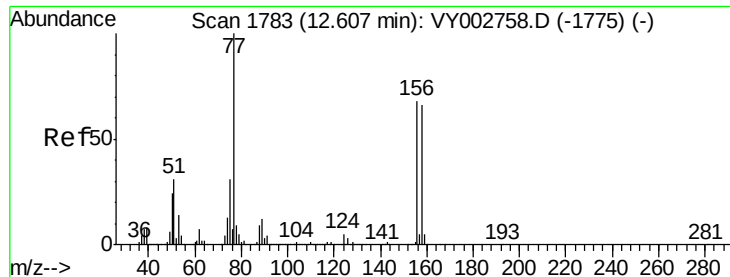
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY002833.D (-1738) (-)

Ion 77.00 (76.70 to 77.70): VY002833.D (-1738) (-)





#77

Bromobenzene

Concen: 48.450 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY002833.D

Acq: 03 Jun 2020 15:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

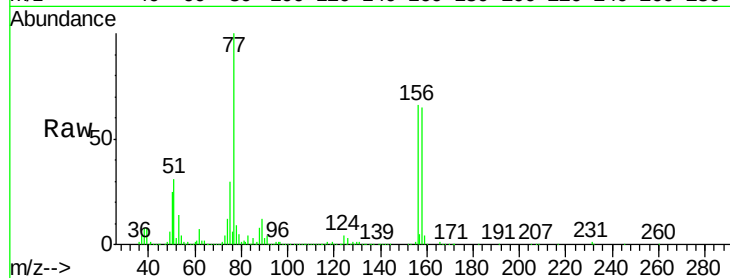
Tot Ion:156 Resp: 214198

Ion Ratio Lower Upper

156 100

77 167.4 81.4 244.2

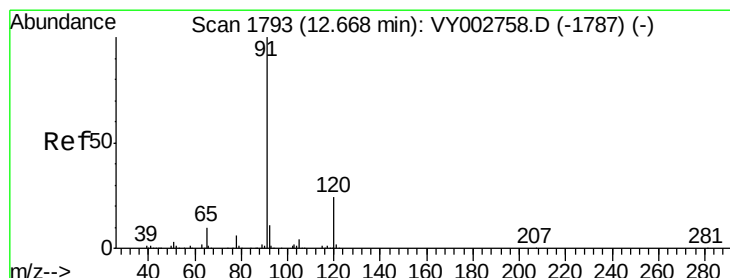
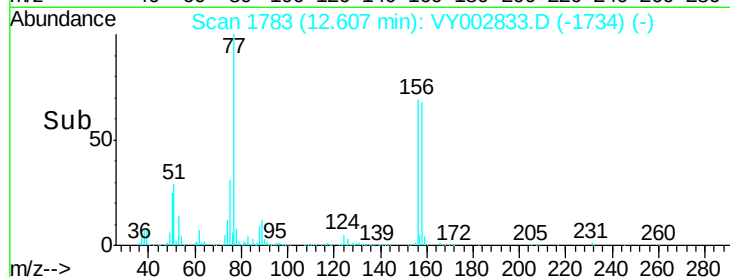
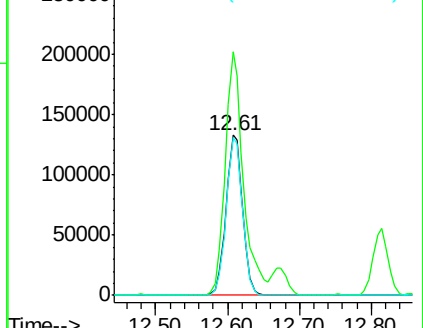
158 96.8 48.5 145.6



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: 49.471 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. 0.01 min

Lab File: VY002833.D

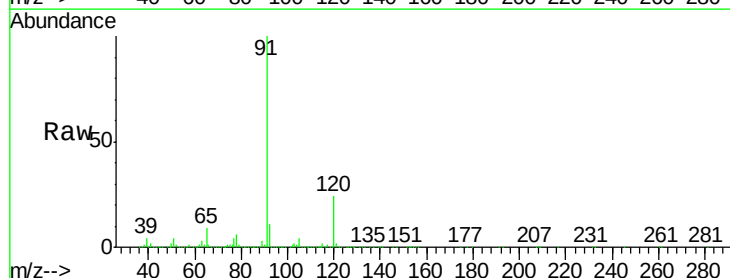
Acq: 03 Jun 2020 15:37

Tgt Ion: 91 Resp: 970252

Ion Ratio Lower Upper

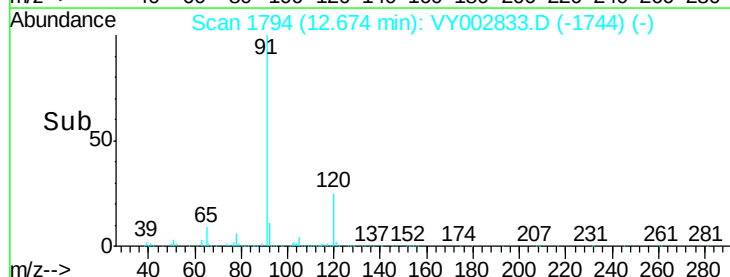
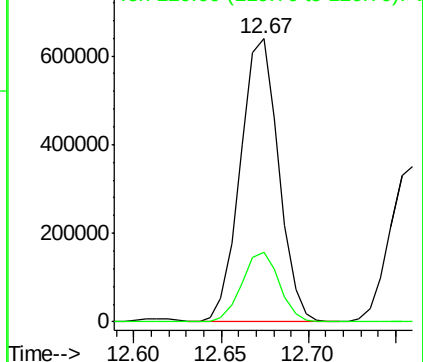
91 100

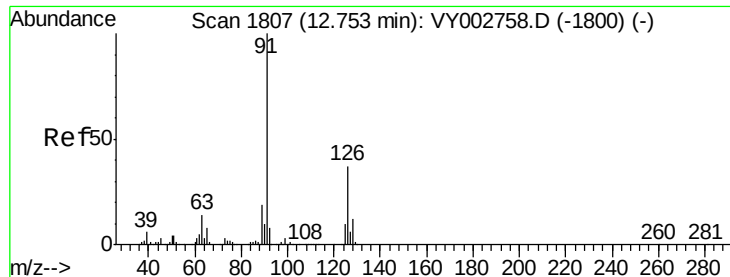
120 24.3 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

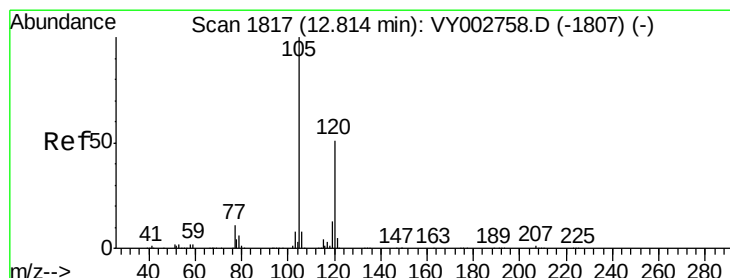
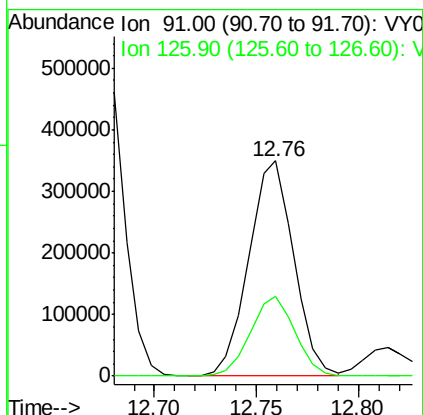
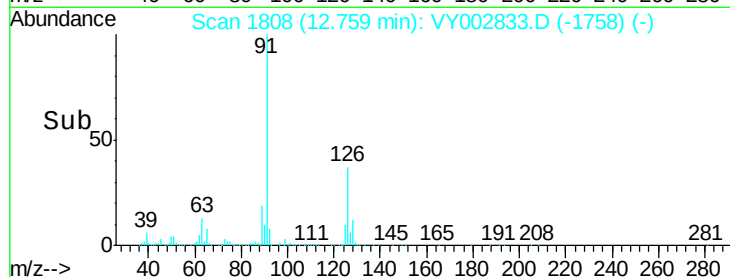
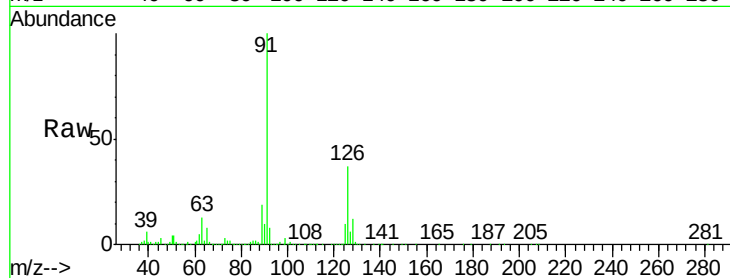




#79
 2-Chlorotoluene
 Concen: 48.681 ug/l
 RT: 12.76 min Scan# 1808
 Delta R.T. 0.01 min
 Lab File: VY002833.D
 Acq: 03 Jun 2020 15:37

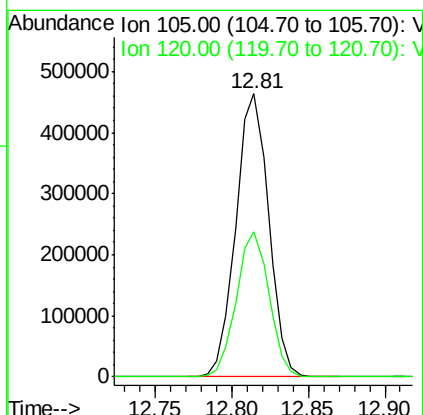
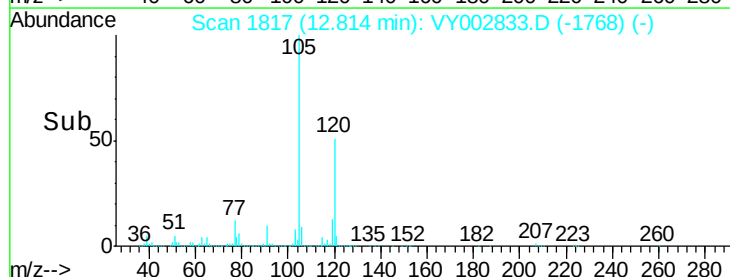
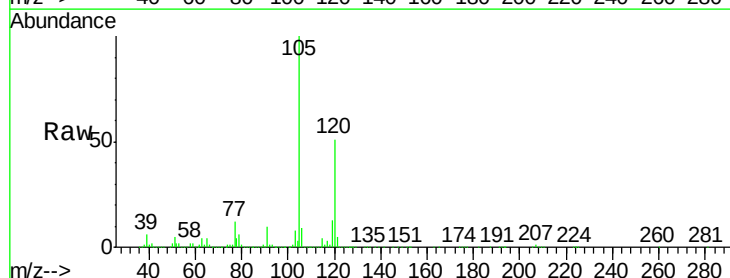
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

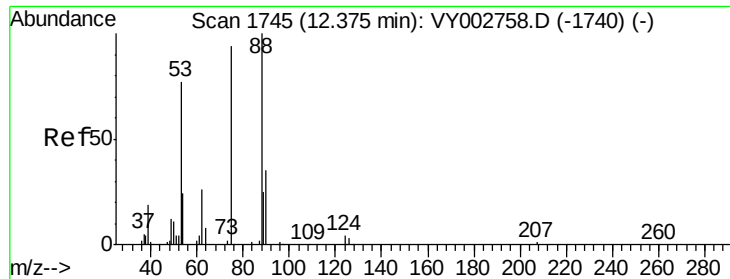
Tot Ion: 91 Resp: 535577
 Ion Ratio Lower Upper
 91 100
 126 36.7 18.4 55.4



#80
 1,3,5-Trimethylbenzene
 Concen: 48.547 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. 0.00 min
 Lab File: VY002833.D
 Acq: 03 Jun 2020 15:37

Tgt Ion: 105 Resp: 688241
 Ion Ratio Lower Upper
 105 100
 120 51.1 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 52.005 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VY002833.D

Acq: 03 Jun 2020 15:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

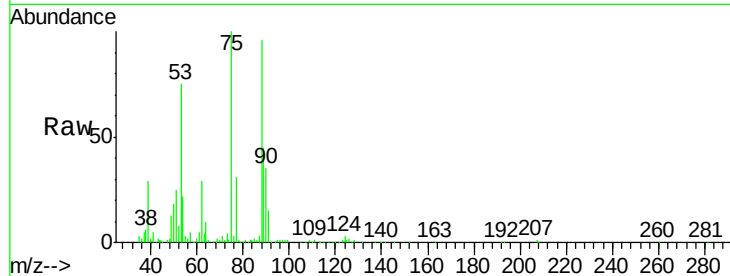
Tot Ion: 75 Resp: 65899

Ion Ratio Lower Upper

75 100

53 79.1 64.0 96.0

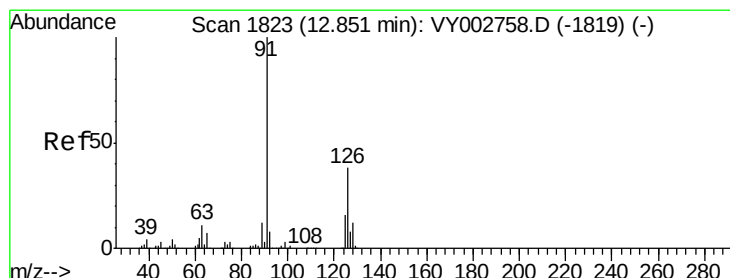
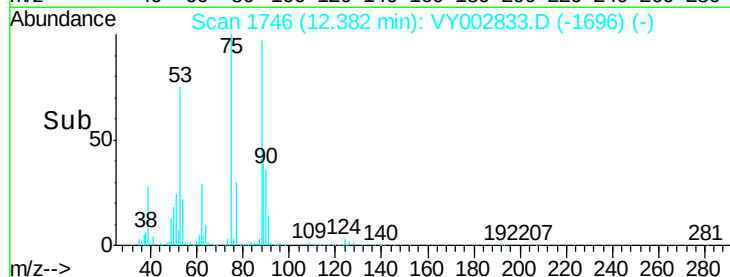
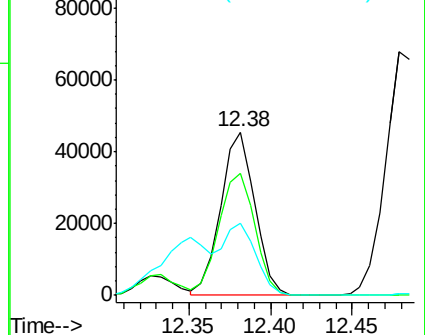
89 43.7 37.4 56.2



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 48.845 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. 0.01 min

Lab File: VY002833.D

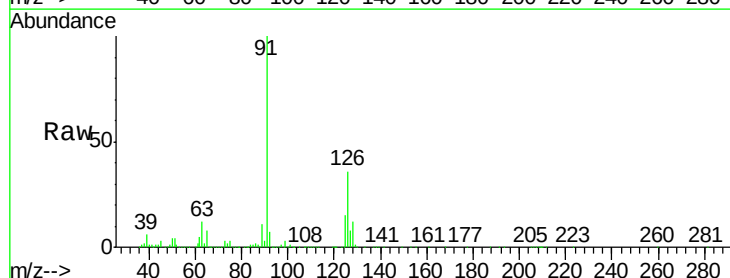
Acq: 03 Jun 2020 15:37

Tgt Ion: 91 Resp: 563018

Ion Ratio Lower Upper

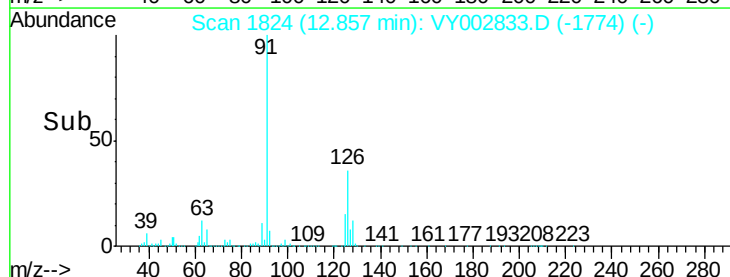
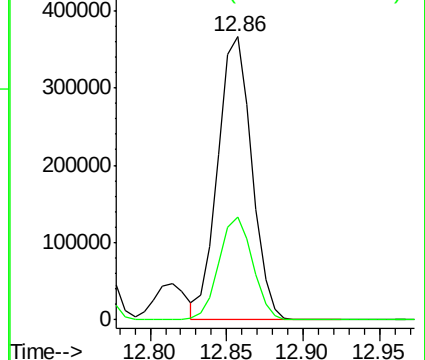
91 100

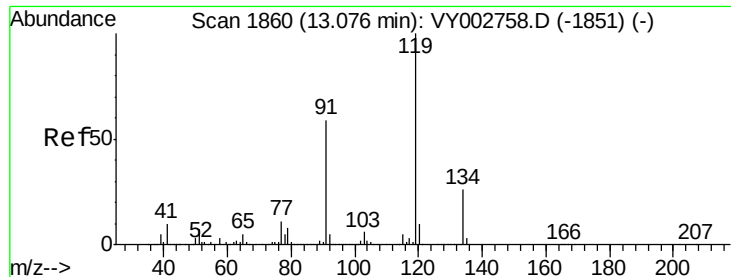
126 36.1 18.5 55.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

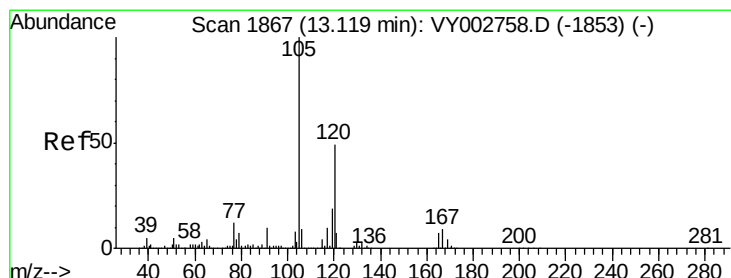
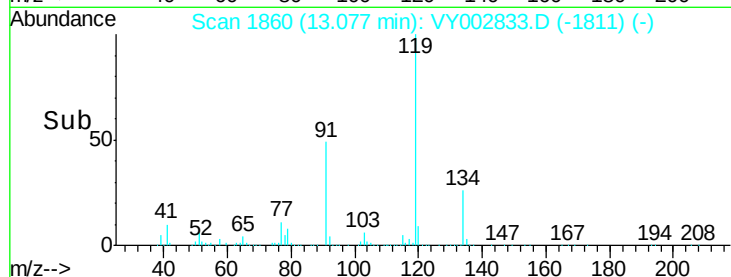
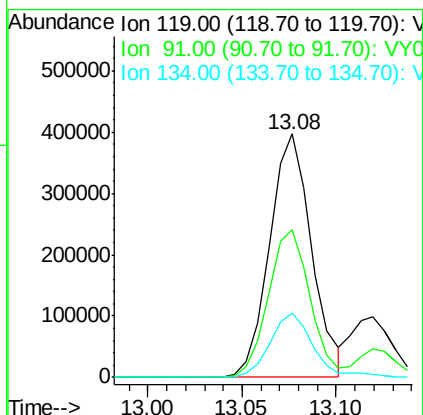
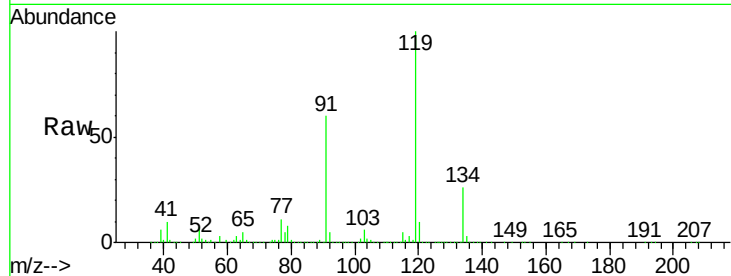




#83
tert-Butylbenzene
Concen: 48.499 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VY002833.D
Acq: 03 Jun 2020 15:37

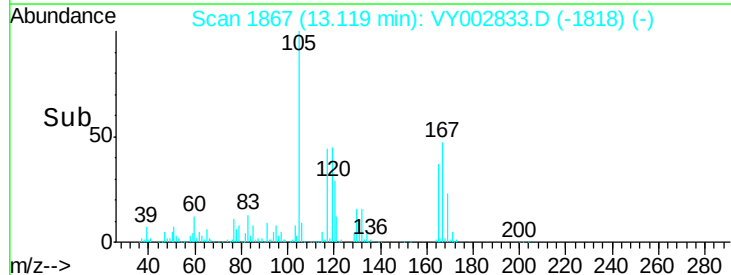
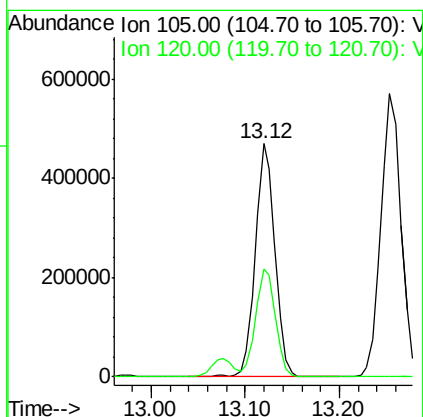
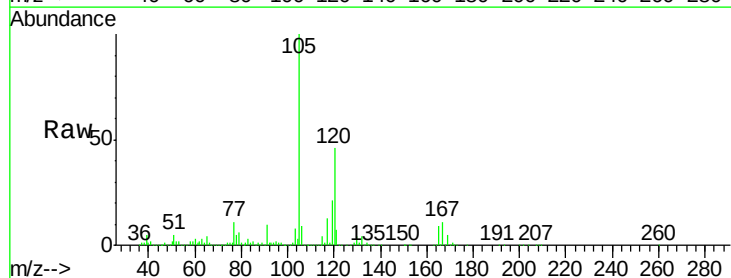
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

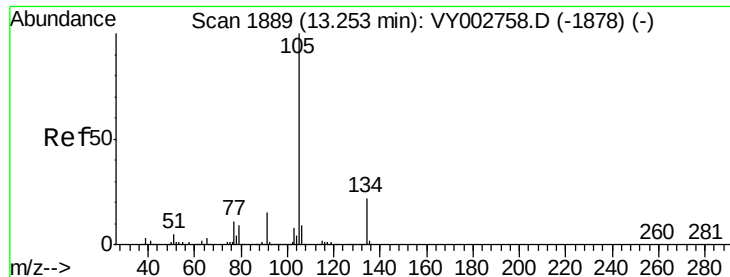
Tot Ion:119 Resp: 613307
Ion Ratio Lower Upper
119 100
91 59.8 29.8 89.4
134 27.1 13.3 39.8



#84
1,2,4-Trimethylbenzene
Concen: 48.445 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY002833.D
Acq: 03 Jun 2020 15:37

Tgt Ion:105 Resp: 690564
Ion Ratio Lower Upper
105 100
120 46.9 23.6 70.8





#85

sec-Butylbenzene

Concen: 48.822 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY002833.D

Acq: 03 Jun 2020 15:37

Instrument :

MSVOA_Y

ClientSampleId :

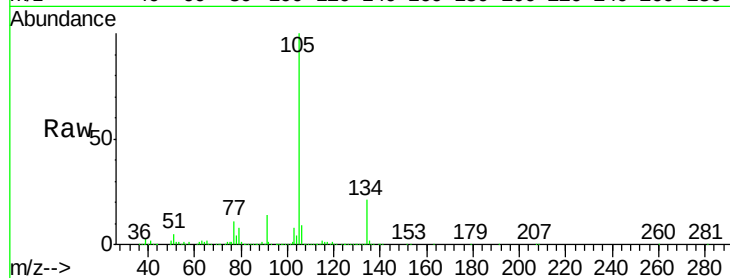
VSTDCCC050EC

Tot Ion:105 Resp: 844163

Ion Ratio Lower Upper

105 100

134 21.3 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.25

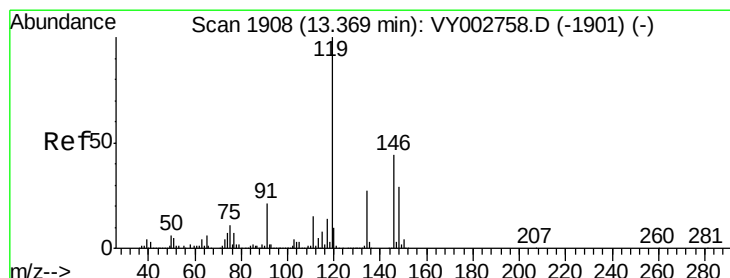
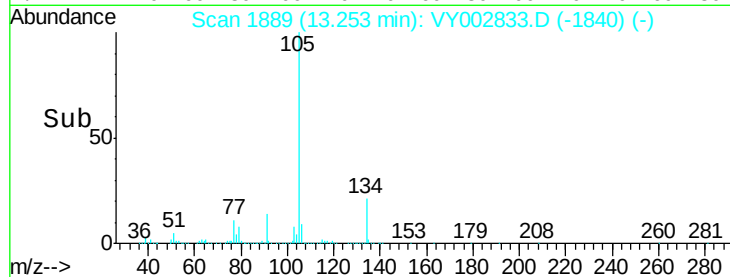
600000

400000

200000

0

Time--> 13.15 13.20 13.25 13.30



#86

p-Isopropyltoluene

Concen: 48.881 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY002833.D

Acq: 03 Jun 2020 15:37

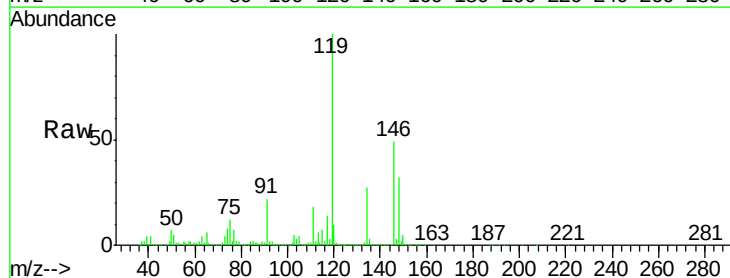
Tgt Ion:119 Resp: 786438

Ion Ratio Lower Upper

119 100

134 26.9 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

13.37

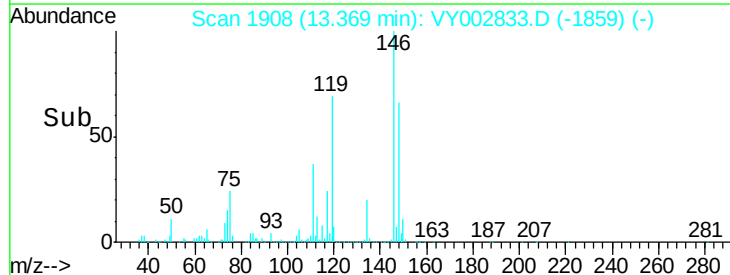
600000

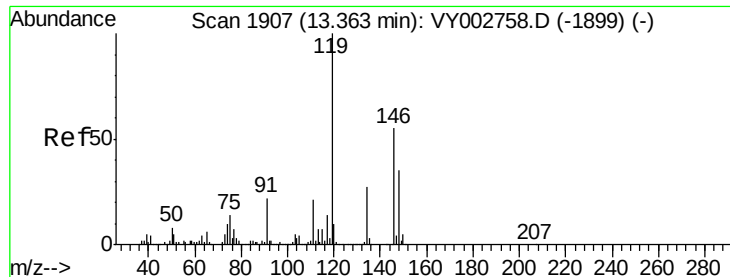
400000

200000

0

Time--> 13.30 13.35 13.40





#87

1,3-Dichlorobenzene

Concen: 47.524 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.01 min

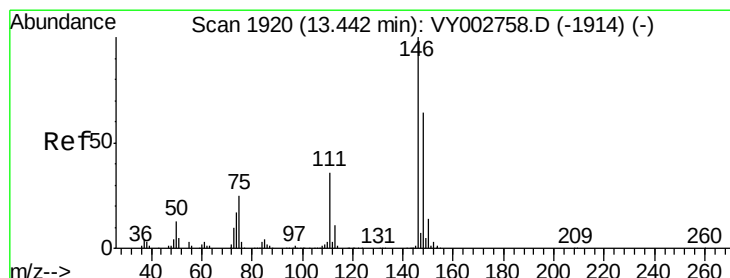
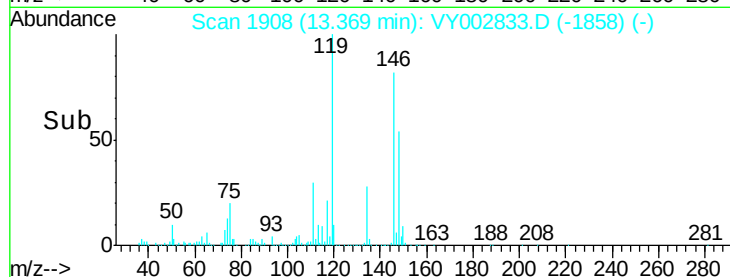
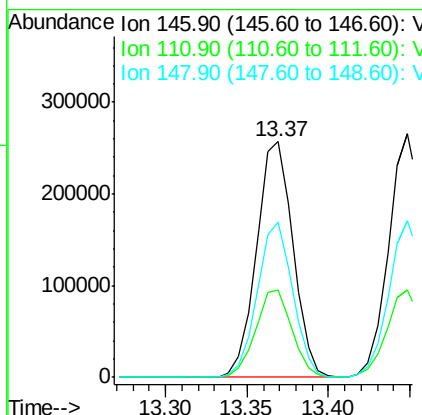
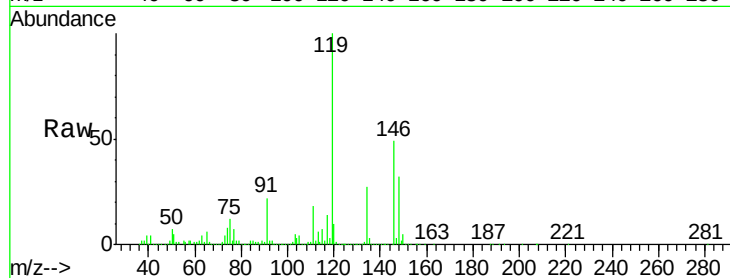
Lab File: VY002833.D

Acq: 03 Jun 2020 15:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:146 Resp: 397982

Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.4	55.0
148	64.1	31.9	95.7



#88

1,4-Dichlorobenzene

Concen: 47.255 ug/l

RT: 13.45 min Scan# 1921

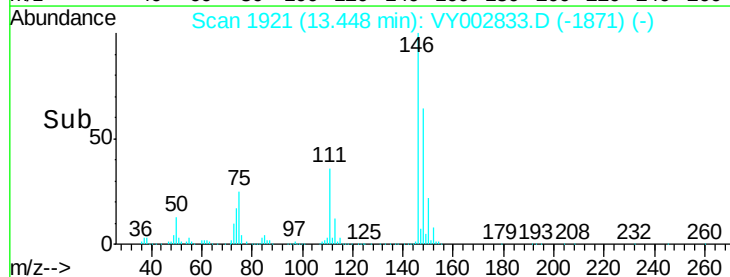
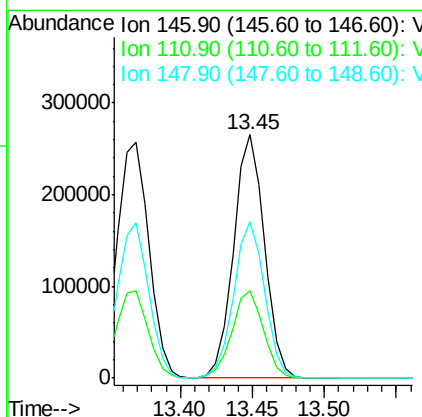
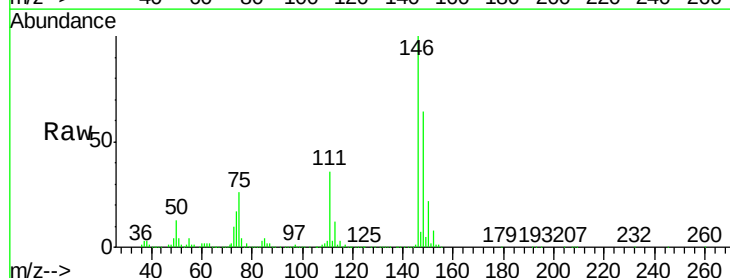
Delta R.T. 0.01 min

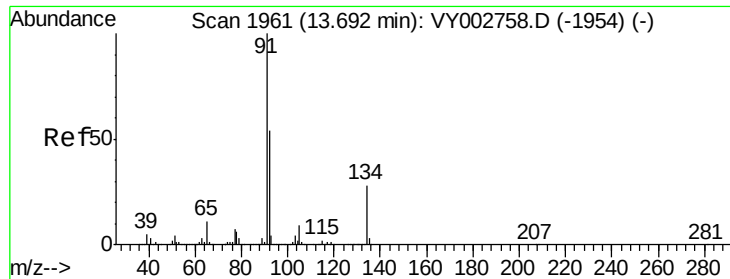
Lab File: VY002833.D

Acq: 03 Jun 2020 15:37

Tgt Ion:146 Resp: 395869

Ion	Ratio	Lower	Upper
146	100		
111	36.5	18.1	54.3
148	64.4	32.1	96.3

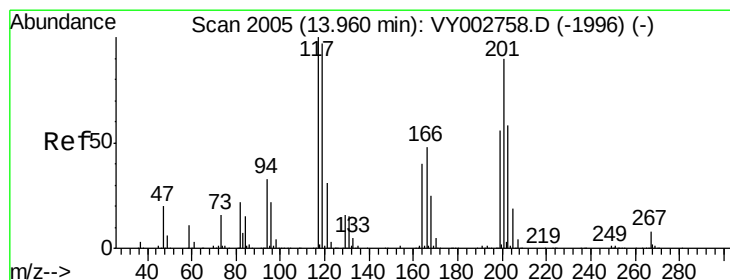
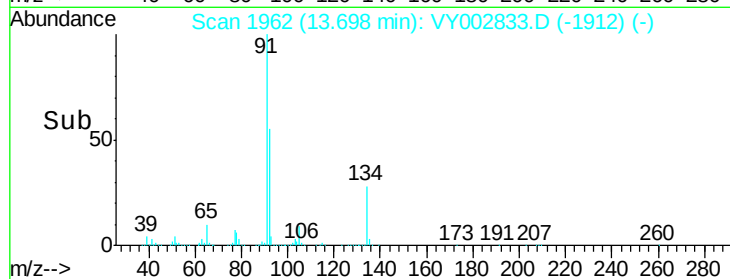
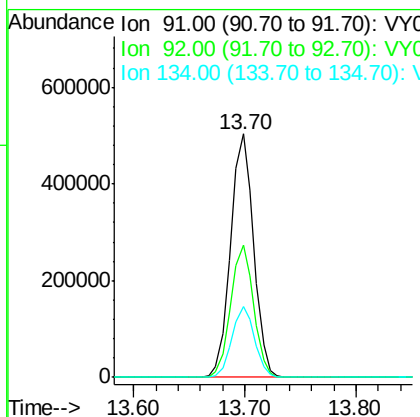
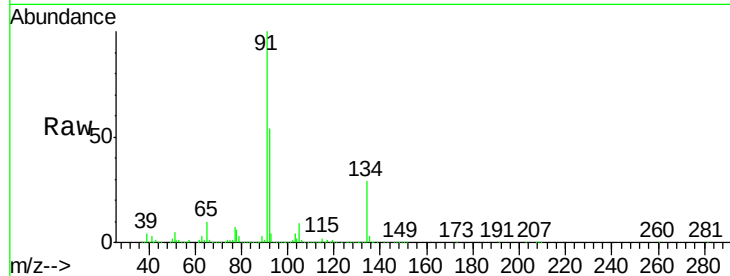




#89
n-Butylbenzene
Concen: 48.966 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY002833.D
Acq: 03 Jun 2020 15:37

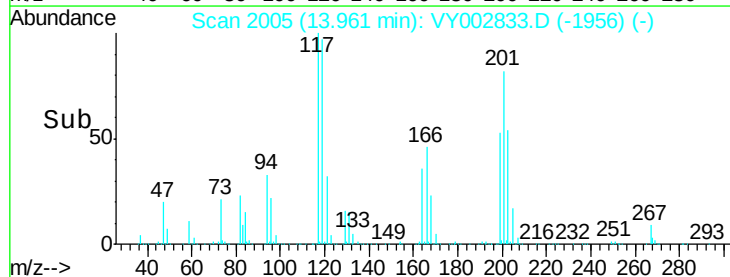
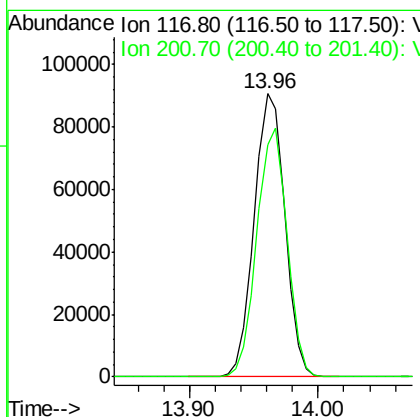
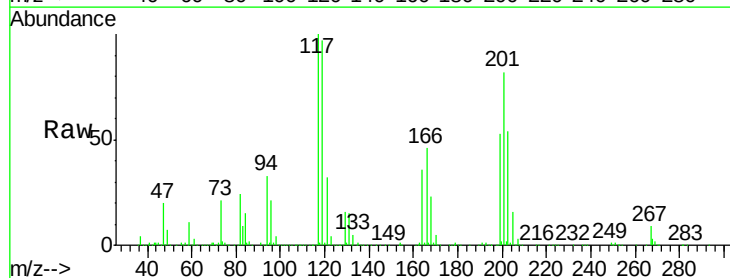
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

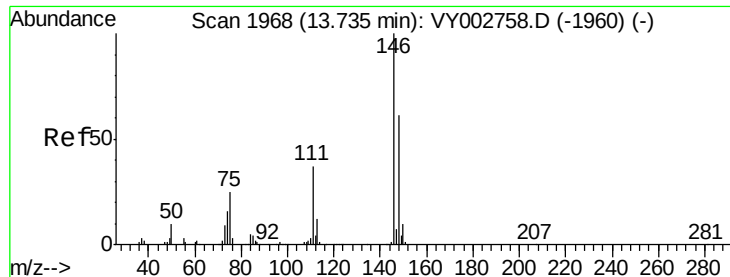
Tot Ion: 91 Resp: 715248
Ion Ratio Lower Upper
91 100
92 54.4 27.1 81.2
134 28.7 14.3 42.9



#90
Hexachloroethane
Concen: 49.405 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY002833.D
Acq: 03 Jun 2020 15:37

Tgt Ion: 117 Resp: 148807
Ion Ratio Lower Upper
117 100
201 86.8 43.9 131.6

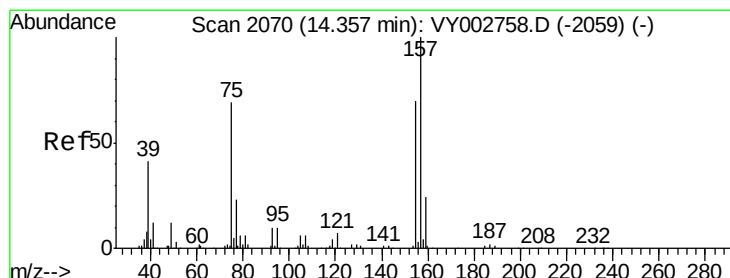
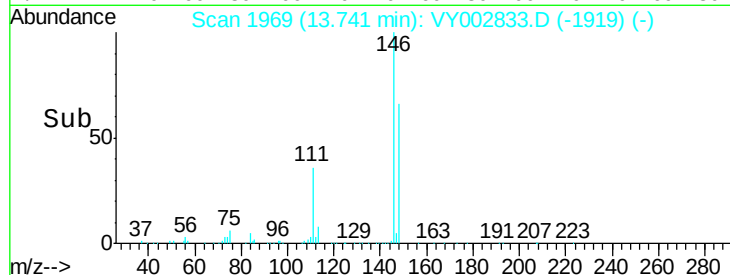
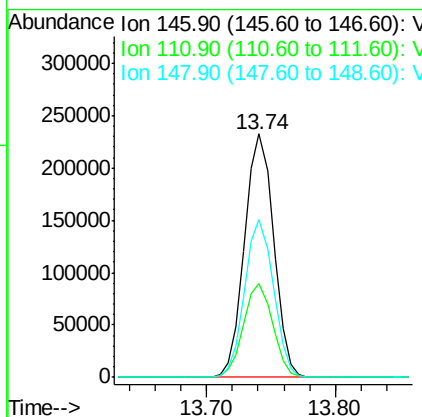
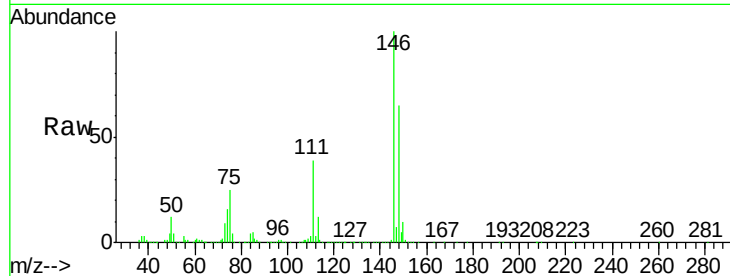




#91
 1,2-Dichlorobenzene
 Concen: 47.797 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.01 min
 Lab File: VY002833.D
 Acq: 03 Jun 2020 15:37

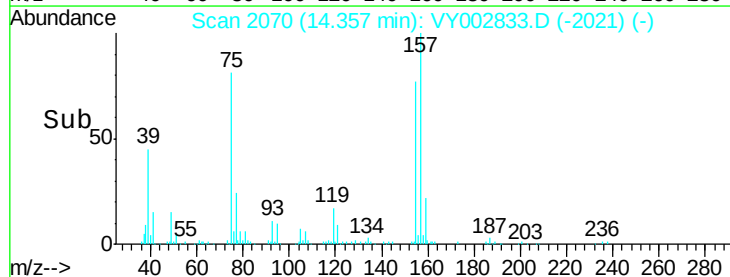
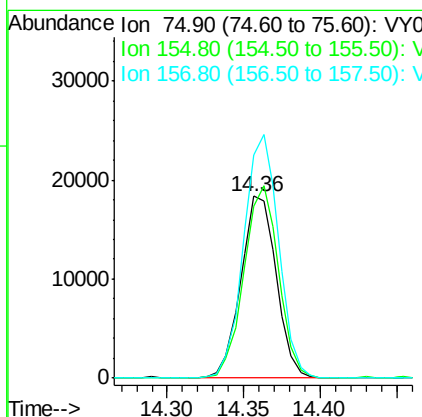
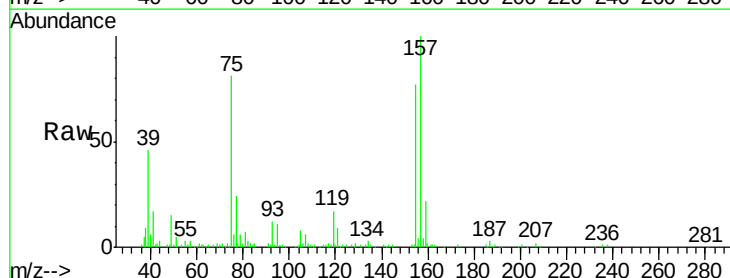
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

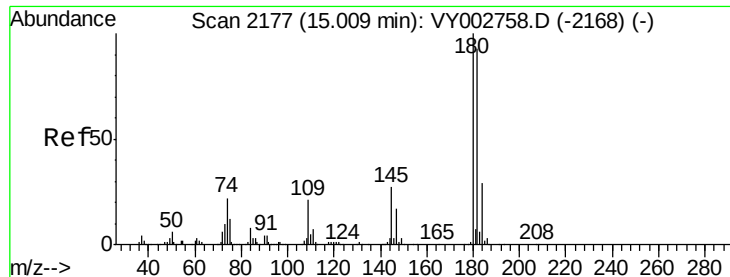
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	18.9	56.9
148	64.3	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.566 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY002833.D
 Acq: 03 Jun 2020 15:37

Tgt Ion	Ratio	Lower	Upper
75	100		
155	103.6	53.5	160.5
157	132.3	69.9	209.7

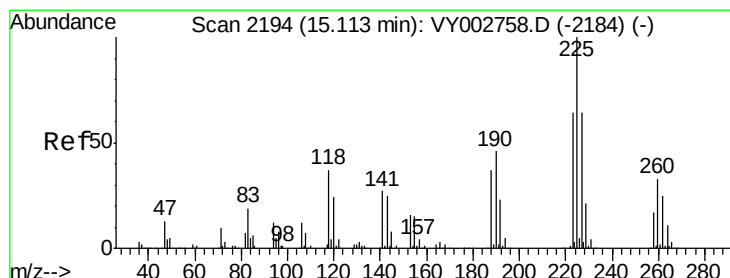
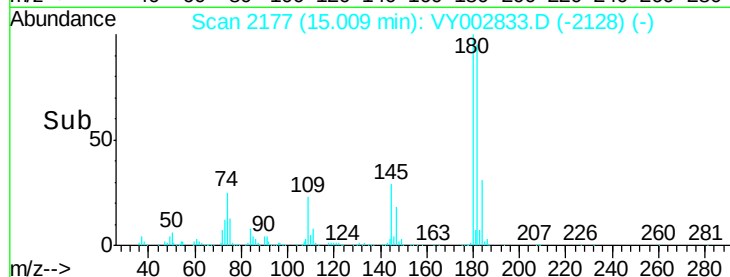
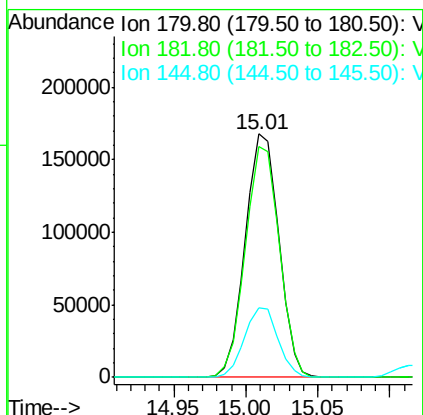
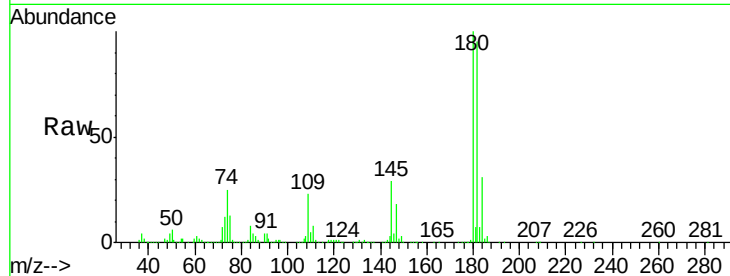




#93
 1,2,4-Trichlorobenzene
 Concen: 47.466 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VY002833.D
 Acq: 03 Jun 2020 15:37

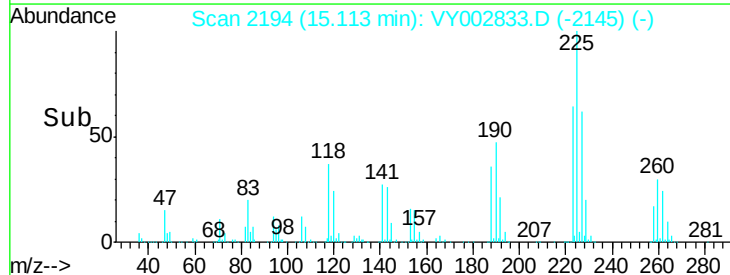
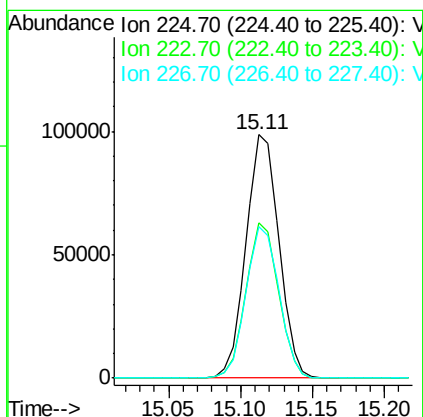
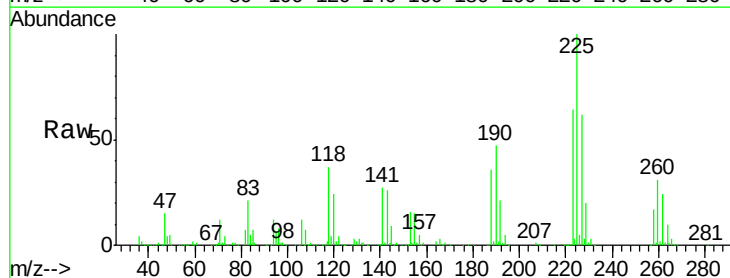
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

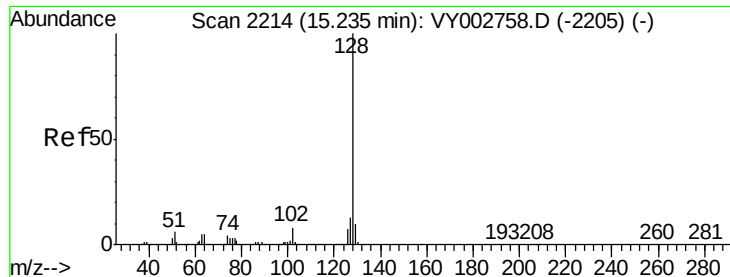
Tot Ion:180 Resp: 271720
 Ion Ratio Lower Upper
 180 100
 182 95.5 47.3 141.9
 145 28.7 14.1 42.3



#94
 Hexachlorobutadiene
 Concen: 47.895 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY002833.D
 Acq: 03 Jun 2020 15:37

Tgt Ion:225 Resp: 155507
 Ion Ratio Lower Upper
 225 100
 223 63.3 31.6 95.0
 227 62.6 32.3 96.9

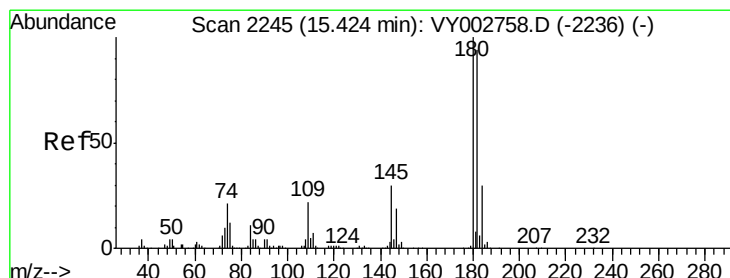
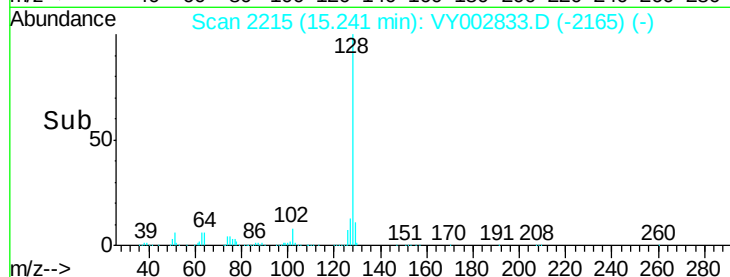
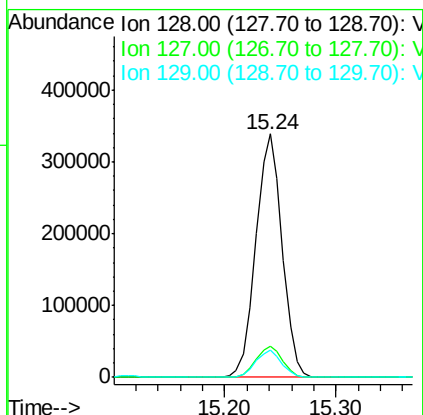
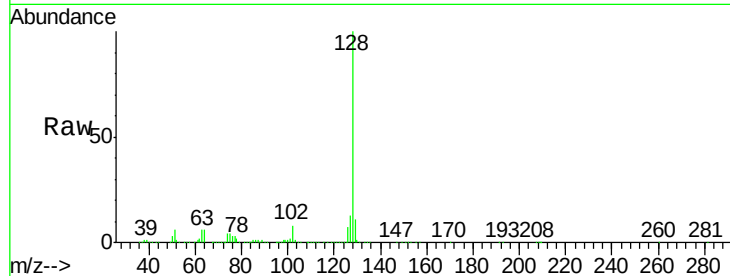




#95
Naphthalene
Concen: 48.528 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. 0.01 min
Lab File: VY002833.D
Acq: 03 Jun 2020 15:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 556995
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 47.179 ug/l
RT: 15.43 min Scan# 2246
Delta R.T. 0.01 min
Lab File: VY002833.D
Acq: 03 Jun 2020 15:37

Tgt Ion:180 Resp: 241179
Ion Ratio Lower Upper
180 100
182 96.0 48.1 144.4
145 30.5 15.1 45.3

