

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY061820\
 Data File : VY002931.D
 Acq On : 18 Jun 2020 19:58
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 19 05:08:56 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	302607	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	455846	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	426207	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	227641	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	132793	50.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.08%	
35) Dibromofluoromethane	7.72	113	138751	51.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.88%	
50) Toluene-d8	10.18	98	517340	47.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.80%	
62) 4-Bromofluorobenzene	12.48	95	188524	51.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	78816	37.853	ug/l	98
3) Chloromethane	2.12	50	95311	41.384	ug/l	99
4) Vinyl Chloride	2.26	62	105935	43.518	ug/l	98
5) Bromomethane	2.65	94	82678	45.322	ug/l	98
6) Chloroethane	2.80	64	74626	47.290	ug/l	98
7) Trichlorofluoromethane	3.13	101	201206	46.669	ug/l	99
8) Diethyl Ether	3.54	74	81506	48.416	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.91	101	127876	49.955	ug/l	99
10) Methyl Iodide	4.10	142	164466	45.916	ug/l	99
11) Tert butyl alcohol	4.97	59	74613	264.977	ug/l	99
12) 1,1-Dichloroethene	3.88	96	124015	48.174	ug/l	98
13) Acrolein	3.74	56	58660	190.511	ug/l	99
14) Allyl chloride	4.49	41	191311	51.815	ug/l	97
15) Acrylonitrile	5.18	53	208674	274.763	ug/l	100
16) Acetone	3.96	43	156513	254.035	ug/l	100
17) Carbon Disulfide	4.20	76	322849	41.502	ug/l	97
18) Methyl Acetate	4.49	43	89373	57.965	ug/l	100
19) Methyl tert-butyl Ether	5.24	73	380591	53.553	ug/l	100
20) Methylene Chloride	4.72	84	168067	55.820	ug/l	98
21) trans-1,2-Dichloroethene	5.23	96	139008	48.015	ug/l	98
22) Diisopropyl ether	6.13	45	414497	54.024	ug/l	95
23) Vinyl Acetate	6.07	43	1396852	275.753	ug/l	99
24) 1,1-Dichloroethane	6.03	63	237124	52.832	ug/l	100
25) 2-Butanone	7.00	43	258941	269.759	ug/l	98
26) 2,2-Dichloropropane	6.99	77	203625	47.305	ug/l	100
27) cis-1,2-Dichloroethene	7.00	96	165144	50.955	ug/l	100
28) Bromochloromethane	7.34	49	105446	57.230	ug/l	98
29) Tetrahydrofuran	7.36	42	171403	274.519	ug/l	99
30) Chloroform	7.52	83	250899	52.680	ug/l	97
31) Cyclohexane	7.79	56	198649	44.578	ug/l	99
32) 1,1,1-Trichloroethane	7.71	97	221333	49.871	ug/l	100
36) 1,1-Dichloropropene	7.93	75	181475	47.260	ug/l	99
37) Ethyl Acetate	7.08	43	114041	54.586	ug/l	99
38) Carbon Tetrachloride	7.91	117	201321	47.194	ug/l	98

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 QLast Update : Wed May 27 13:13:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	230423	45.526	ug/l	99
40) Benzene	8.17	78	557189	49.108	ug/l	99
41) Methacrylonitrile	7.35	41	154568	137.715	ug/l #	1
42) 1,2-Dichloroethane	8.24	62	159282	50.092	ug/l	99
43) Isopropyl Acetate	8.28	43	213607	53.954	ug/l	99
44) Trichloroethene	8.94	130	171128	47.749	ug/l	97
45) 1,2-Dichloropropane	9.22	63	141902	52.152	ug/l	99
46) Dibromomethane	9.31	93	84199	52.105	ug/l	98
47) Bromodichloromethane	9.50	83	200880	52.731	ug/l	97
48) Methyl methacrylate	9.30	41	97551	54.582	ug/l	98
49) 1,4-Dioxane	9.30	88	24871	1002.372	ug/l	97
51) 4-Methyl-2-Pentanone	10.07	43	579852	276.590	ug/l	99
52) Toluene	10.24	92	364193	49.066	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	213853	51.395	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	241456	51.212	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	128879	52.095	ug/l	97
56) Ethyl methacrylate	10.51	69	176577	53.288	ug/l	99
57) 1,3-Dichloropropane	10.79	76	210410	51.709	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	435819	269.169	ug/l	99
59) 2-Hexanone	10.83	43	404346	271.835	ug/l	100
60) Dibromochloromethane	10.99	129	162538	51.821	ug/l	99
61) 1,2-Dibromoethane	11.09	107	126422	51.803	ug/l	100
64) Tetrachloroethene	10.72	164	177751	45.888	ug/l	98
65) Chlorobenzene	11.52	112	416321	49.421	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	160502	50.589	ug/l	98
67) Ethyl Benzene	11.59	91	711760	48.737	ug/l	100
68) m/p-Xylenes	11.70	106	546800	96.570	ug/l	100
69) o-Xylene	12.03	106	264267	49.439	ug/l	100
70) Styrene	12.04	104	464688	50.148	ug/l	100
71) Bromoform	12.20	173	110728	52.159	ug/l	100
73) Isopropylbenzene	12.33	105	712427	48.836	ug/l	100
74) N-amyl acetate	12.14	43	199705	53.353	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	141686	55.355	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	199822	97.417	ug/l #	100
77) Bromobenzene	12.61	156	186309	49.047	ug/l	98
78) n-propylbenzene	12.67	91	818941	48.599	ug/l	100
79) 2-Chlorotoluene	12.75	91	464367	49.126	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	596138	48.942	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	56596	51.983	ug/l	99
82) 4-Chlorotoluene	12.85	91	484796	48.952	ug/l	100
83) tert-Butylbenzene	13.08	119	537008	49.425	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	597937	48.821	ug/l	100
85) sec-Butylbenzene	13.25	105	718278	48.349	ug/l	100
86) p-Isopropyltoluene	13.37	119	679105	49.127	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	355224	49.369	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	350642	48.716	ug/l	100
89) n-Butylbenzene	13.69	91	605425	48.240	ug/l	100
90) Hexachloroethane	13.96	117	128992	49.845	ug/l	98
91) 1,2-Dichlorobenzene	13.73	146	327427	50.178	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	26480	53.773	ug/l	98

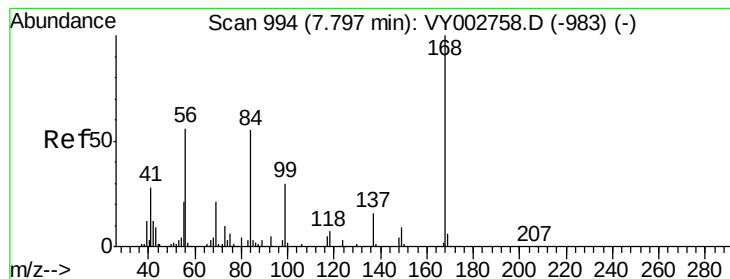
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY061820\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	241603	49.121	ug/l	100
94) Hexachlorobutadiene	15.11	225	135132	48.440	ug/l	99
95) Naphthalene	15.23	128	508550	51.568	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	217071	49.422	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: VY002931.D

Acq: 18 Jun 2020 19:58

Instrument :

MSVOA_Y

ClientSampleId :

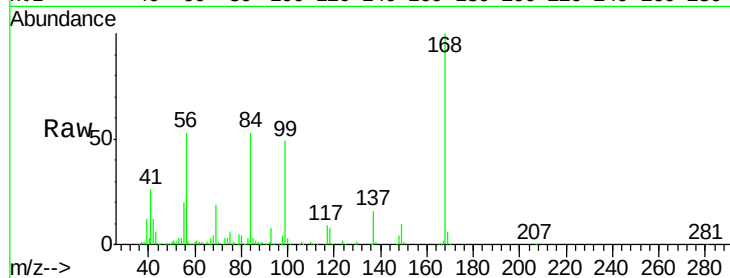
VSTDCCC050EC

Tot Ion:168 Resp: 302607

Ion Ratio Lower Upper

168 100

99 48.6 39.0 58.4



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

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

7.80

150000

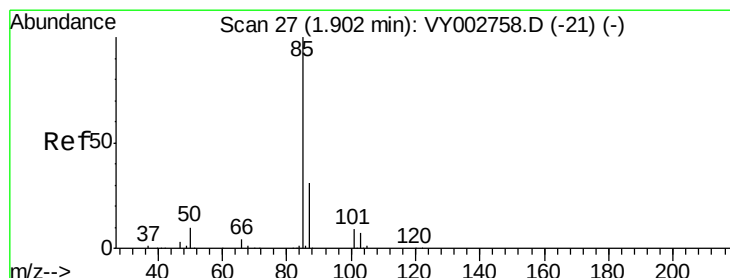
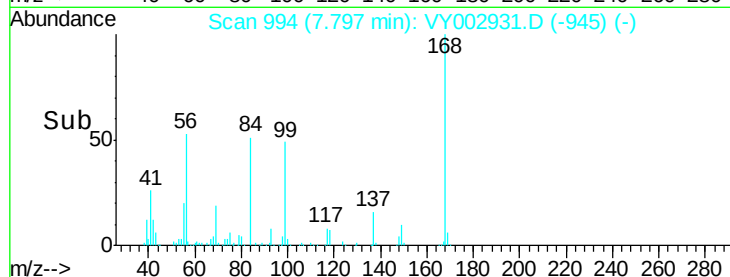
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 37.853 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY002931.D

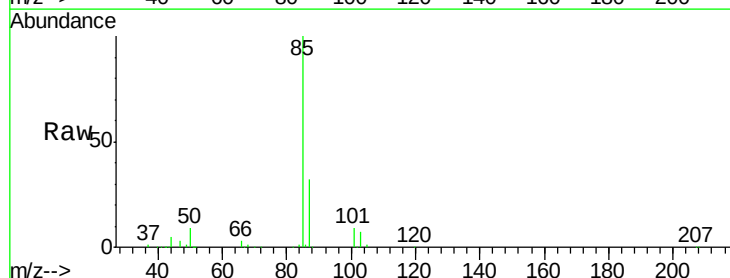
Acq: 18 Jun 2020 19:58

Tgt Ion: 85 Resp: 78816

Ion Ratio Lower Upper

85 100

87 32.4 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

60000

50000

40000

30000

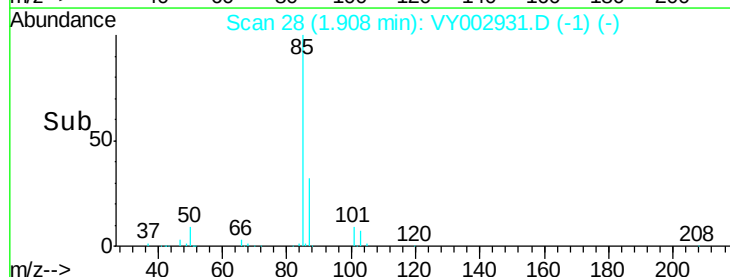
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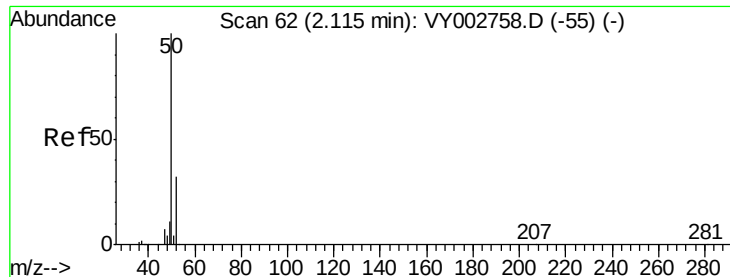
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0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 41.384 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY002931.D

Acq: 18 Jun 2020 19:58

Instrument :

MSVOA_Y

ClientSampleId :

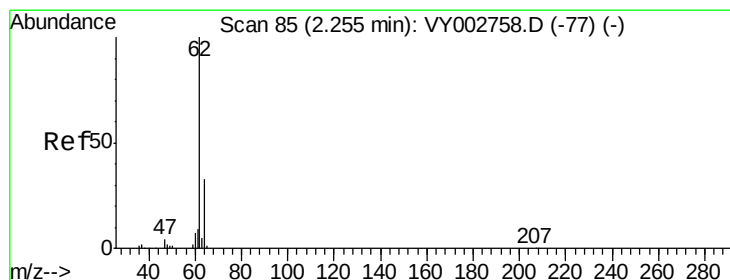
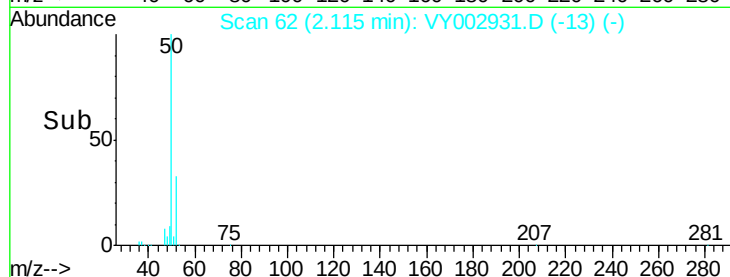
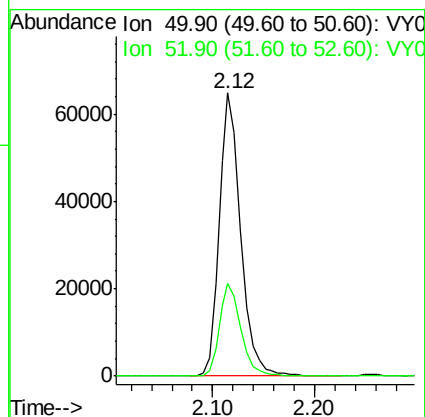
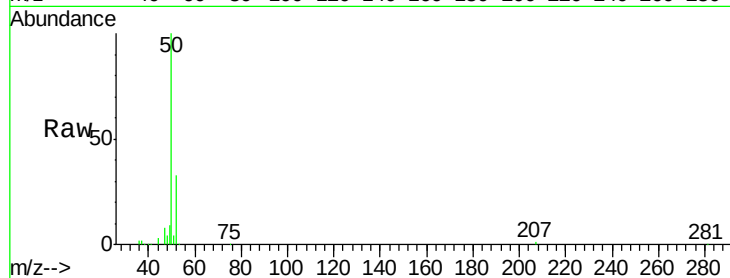
VSTDCCC050EC

Tot Ion: 50 Resp: 95311

Ion Ratio Lower Upper

50 100

52 32.8 25.8 38.6



#4

Vinyl Chloride

Concen: 43.518 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.00 min

Lab File: VY002931.D

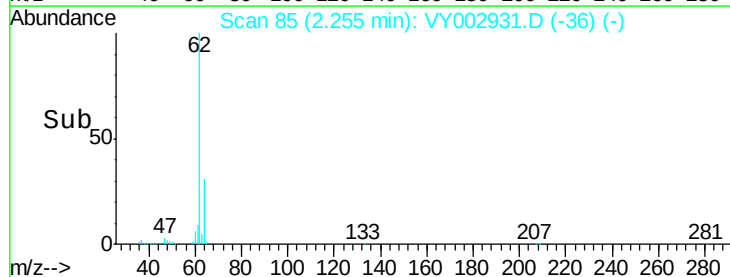
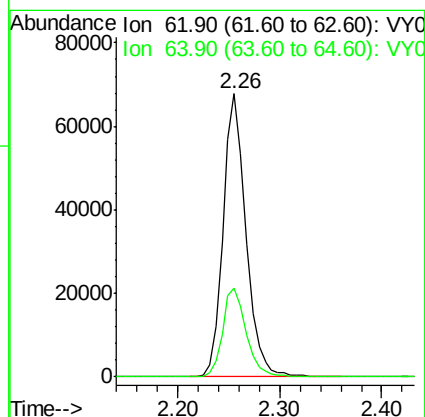
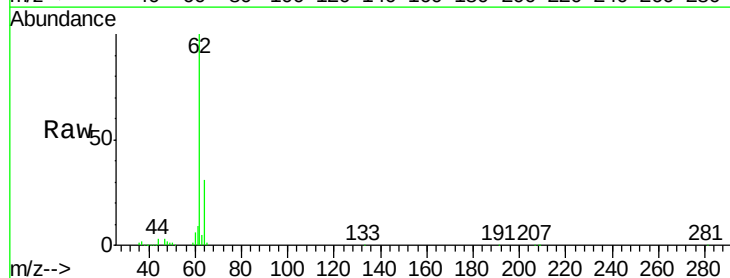
Acq: 18 Jun 2020 19:58

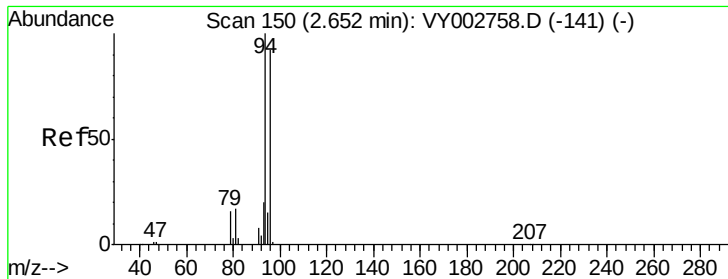
Tgt Ion: 62 Resp: 105935

Ion Ratio Lower Upper

62 100

64 31.4 26.1 39.1





#5

Bromomethane

Concen: 45.322 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.00 min

Lab File: VY002931.D

Acq: 18 Jun 2020 19:58

Instrument :

MSVOA_Y

ClientSampleId :

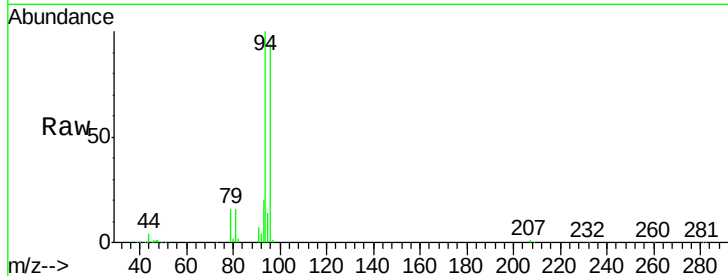
VSTDCCC050EC

Tot Ion: 94 Resp: 82678

Ion Ratio Lower Upper

94 100

96 94.2 73.7 110.5



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.65

40000

30000

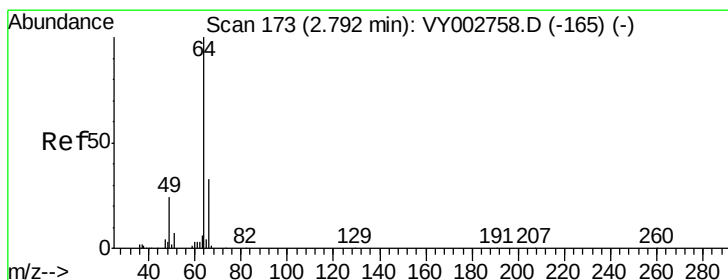
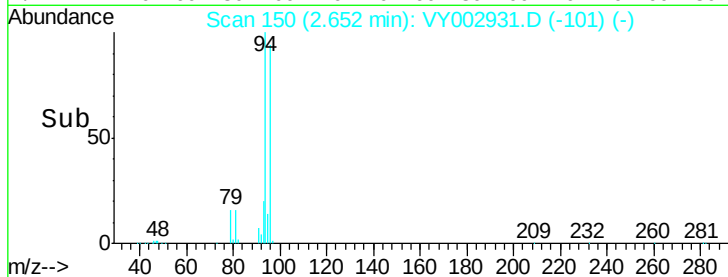
20000

10000

0

Time-->

2.60 2.70 2.80



#6

Chloroethane

Concen: 47.290 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.01 min

Lab File: VY002931.D

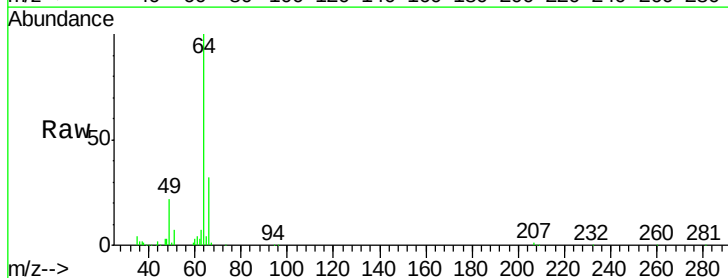
Acq: 18 Jun 2020 19:58

Tgt Ion: 64 Resp: 74626

Ion Ratio Lower Upper

64 100

66 31.7 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.80

40000

30000

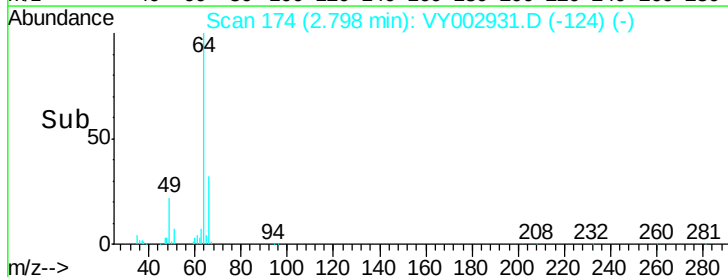
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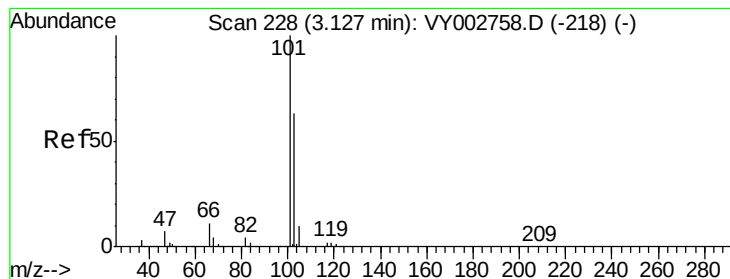
10000

0

Time-->

2.70 2.80 2.90



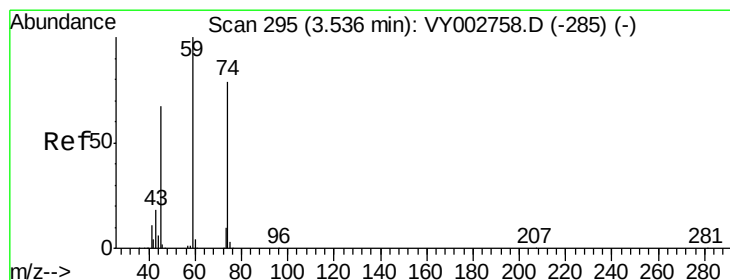
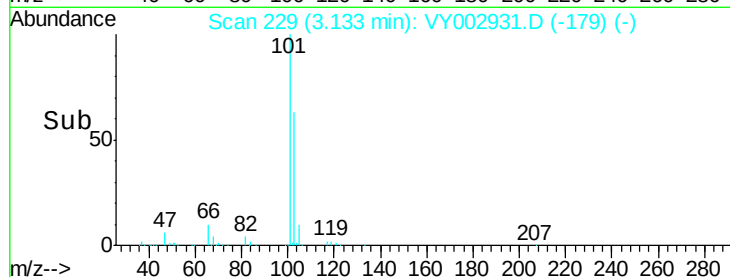
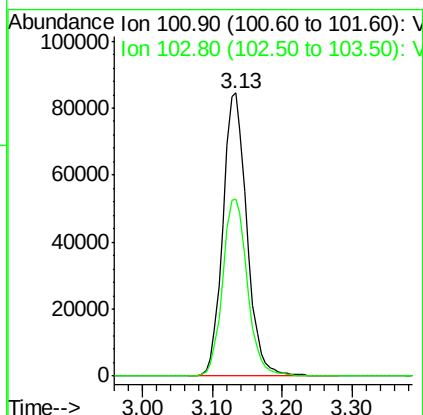
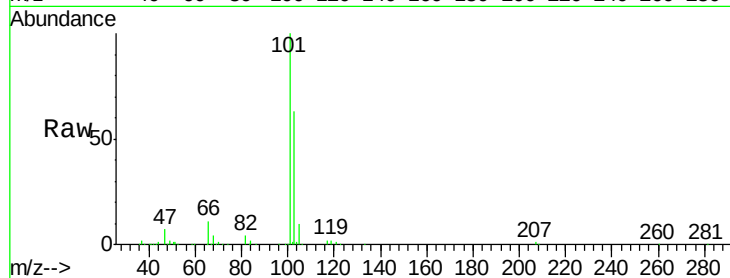


#7

Trichlorofluoromethane
 Concen: 46.669 ug/l
 RT: 3.13 min Scan# 229
 Delta R.T. 0.01 min
 Lab File: VY002931.D
 Acq: 18 Jun 2020 19:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

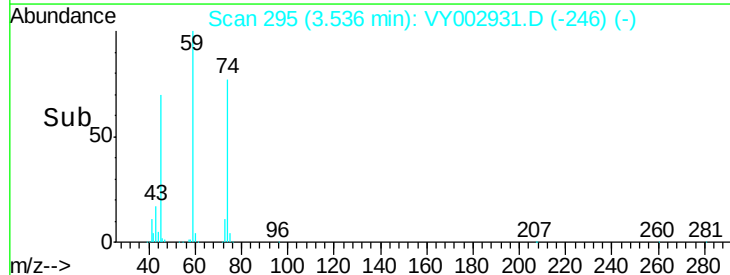
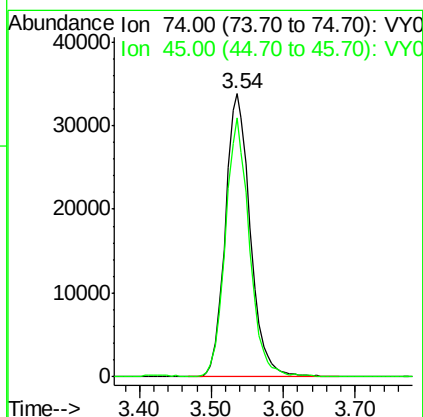
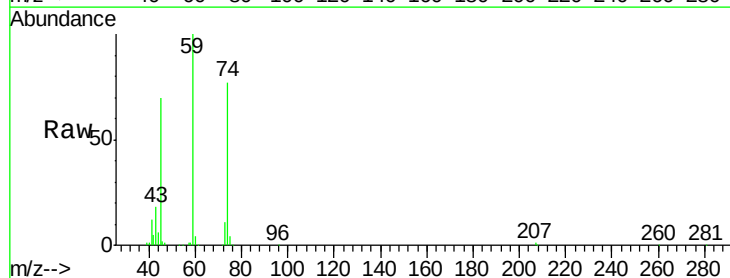
Tot Ion:101 Resp: 201206
 Ion Ratio Lower Upper
 101 100
 103 62.6 50.6 76.0

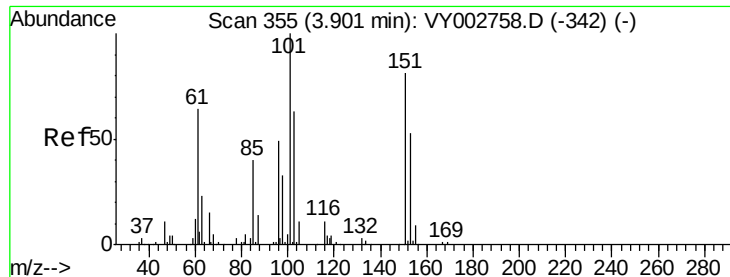


#8

Diethyl Ether
 Concen: 48.416 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. 0.00 min
 Lab File: VY002931.D
 Acq: 18 Jun 2020 19:58

Tgt Ion: 74 Resp: 81506
 Ion Ratio Lower Upper
 74 100
 45 88.2 44.0 131.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.955 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY002931.D

Acq: 18 Jun 2020 19:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

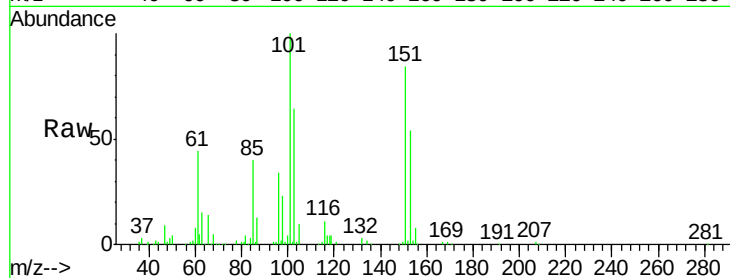
Tot Ion:101 Resp: 127876

Ion Ratio Lower Upper

101 100

85 41.6 32.7 49.1

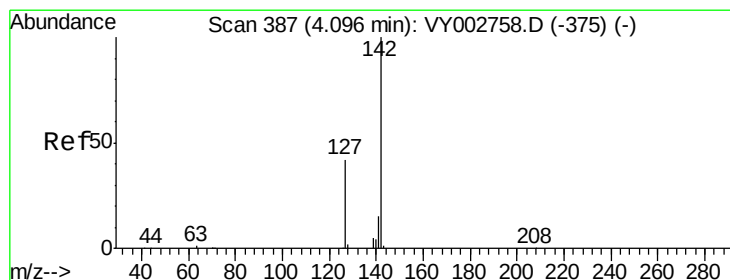
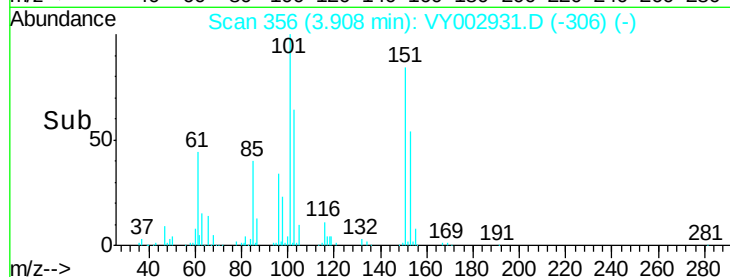
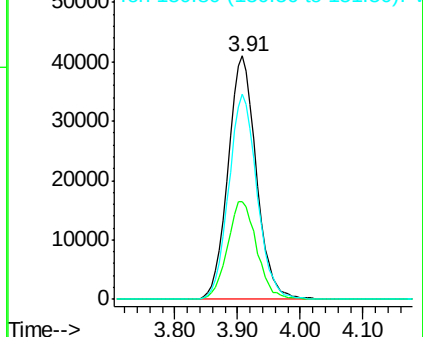
151 84.3 68.0 102.0



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: 45.916 ug/l

RT: 4.10 min Scan# 388

Delta R.T. 0.01 min

Lab File: VY002931.D

Acq: 18 Jun 2020 19:58

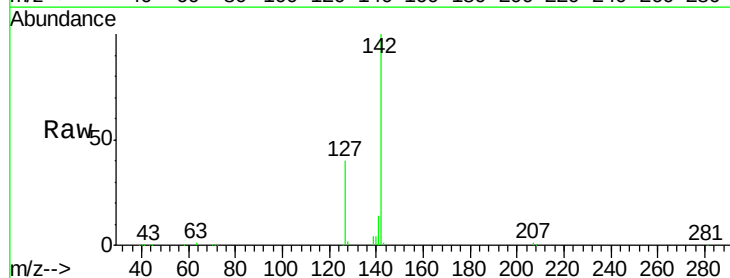
Tgt Ion:142 Resp: 164466

Ion Ratio Lower Upper

142 100

127 40.7 33.3 49.9

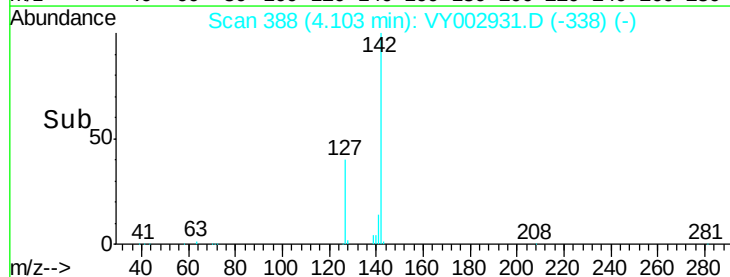
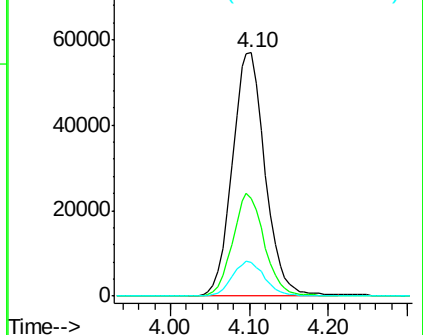
141 14.1 11.5 17.3

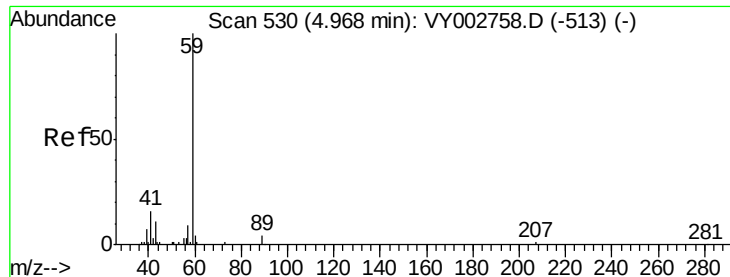


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



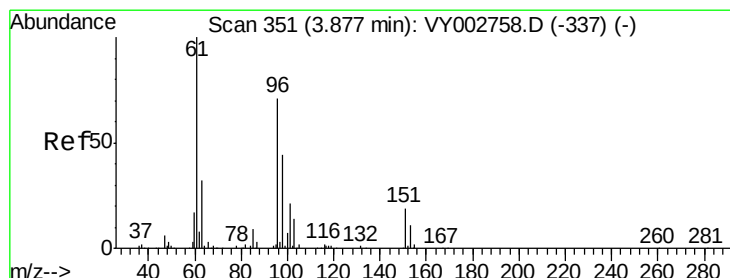
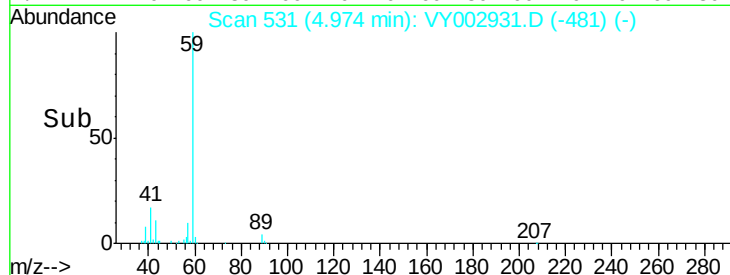
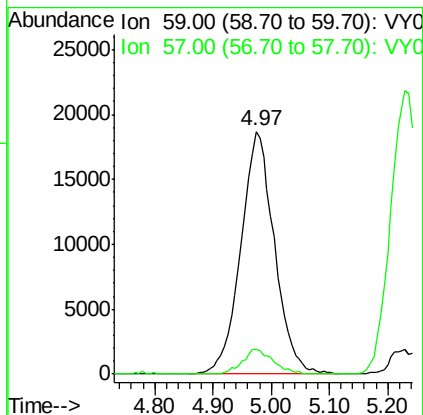
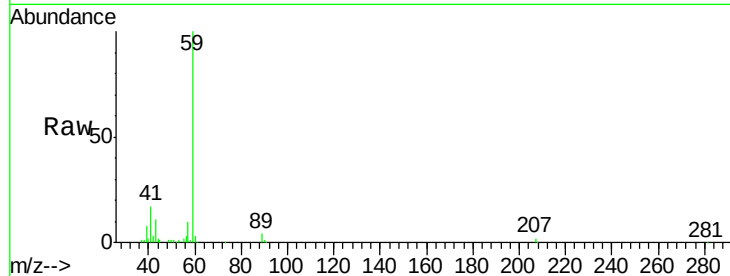


#11

Tert butyl alcohol
 Concen: 264.977 ug/l
 RT: 4.97 min Scan# 531
 Delta R.T. 0.01 min
 Lab File: VY002931.D
 Acq: 18 Jun 2020 19:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

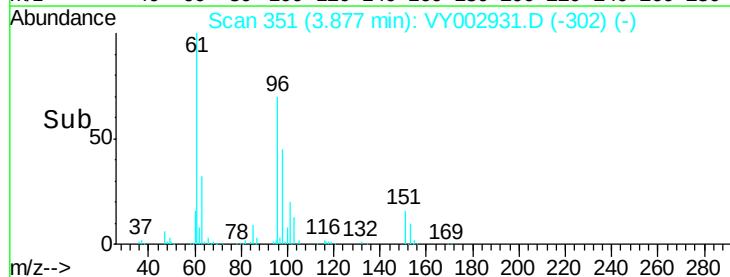
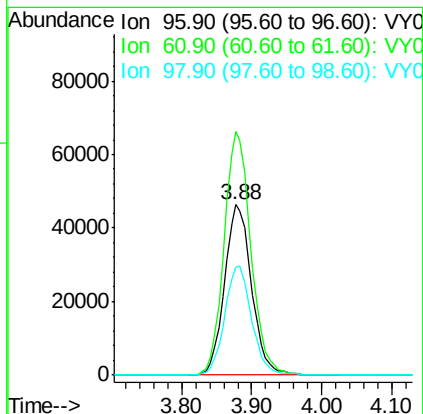
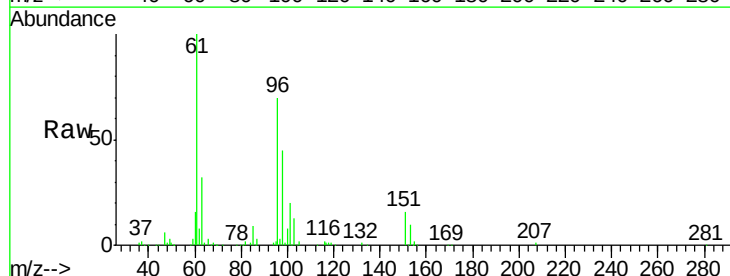
Tot Ion: 59 Resp: 74613
 Ion Ratio Lower Upper
 59 100
 57 9.3 7.7 11.5

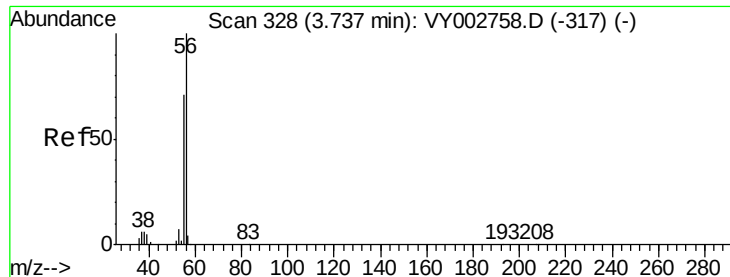


#12

1,1-Dichloroethene
 Concen: 48.174 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VY002931.D
 Acq: 18 Jun 2020 19:58

Tgt Ion: 96 Resp: 124015
 Ion Ratio Lower Upper
 96 100
 61 142.9 112.6 168.8
 98 63.6 50.0 75.0





#13

Acrolein

Concen: 190.511 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY002931.D

Acq: 18 Jun 2020 19:58

Instrument :

MSVOA_Y

ClientSampleId :

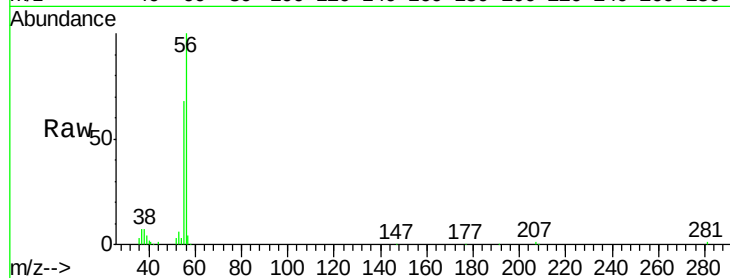
VSTDCCC050EC

Tot Ion: 56 Resp: 58660

Ion Ratio Lower Upper

56 100

55 70.7 56.0 84.0



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

25000

20000

15000

10000

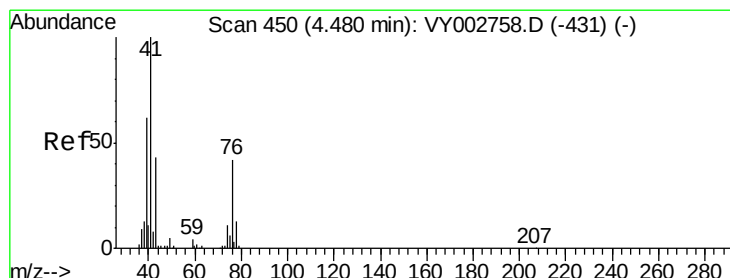
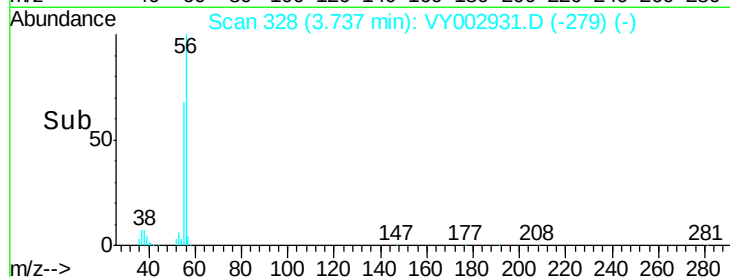
5000

0

3.74

3.60 3.70 3.80 3.90

Time-->



#14

Allyl chloride

Concen: 51.815 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY002931.D

Acq: 18 Jun 2020 19:58

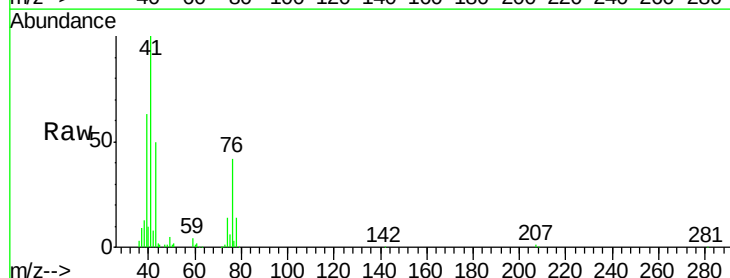
Tgt Ion: 41 Resp: 191311

Ion Ratio Lower Upper

41 100

39 60.0 49.9 74.9

76 40.2 33.2 49.8



Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0

80000

60000

40000

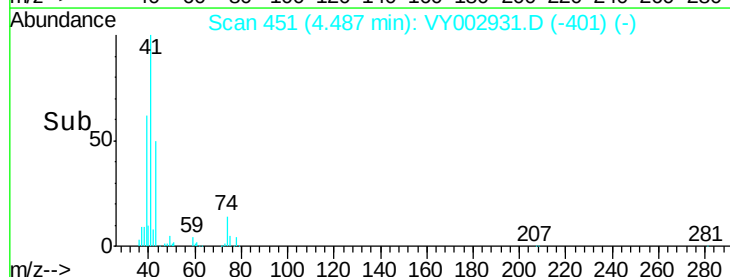
20000

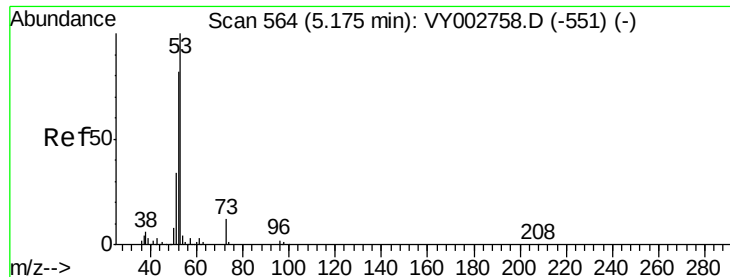
0

4.49

4.40 4.60

Time-->





#15

Acrylonitrile

Concen: 274.763 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY002931.D

Acq: 18 Jun 2020 19:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

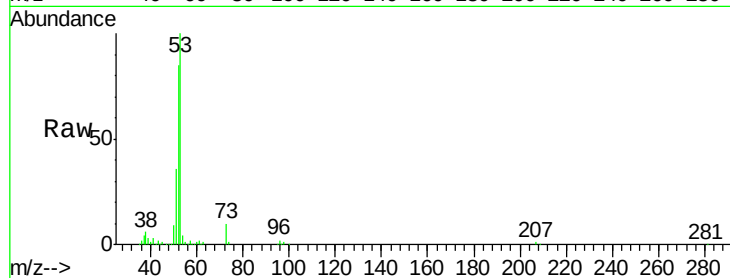
Tot Ion: 53 Resp: 208674

Ion Ratio Lower Upper

53 100

52 81.4 65.3 97.9

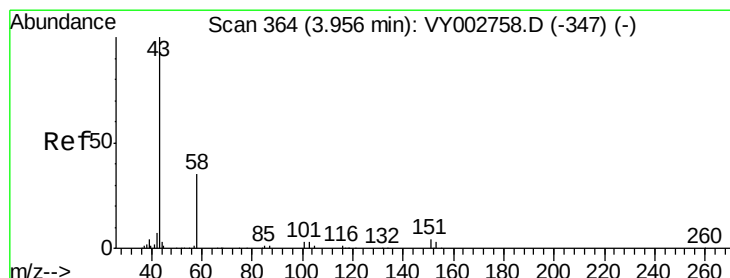
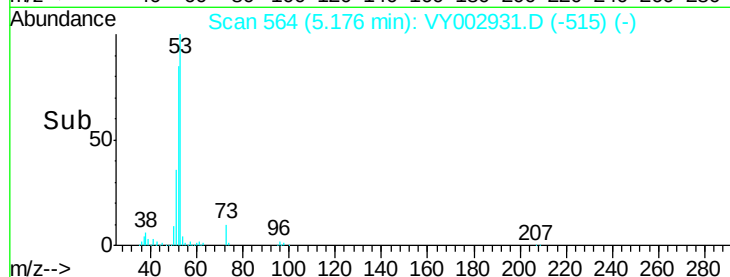
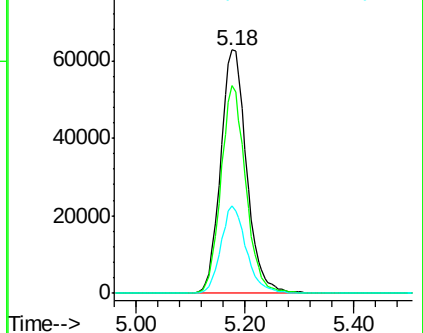
51 35.2 28.0 42.0



Abundance Ion 53.00 (52.70 to 53.70): VY0

Ion 52.00 (51.70 to 52.70): VY0

Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 254.035 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.00 min

Lab File: VY002931.D

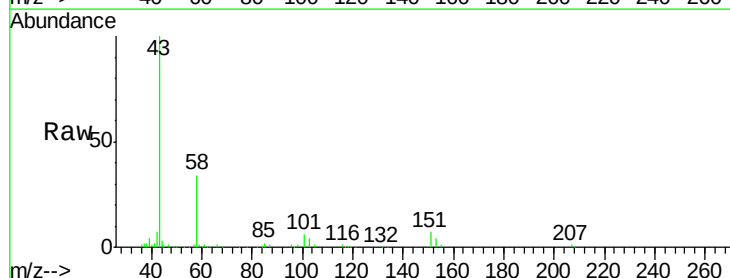
Acq: 18 Jun 2020 19:58

Tgt Ion: 43 Resp: 156513

Ion Ratio Lower Upper

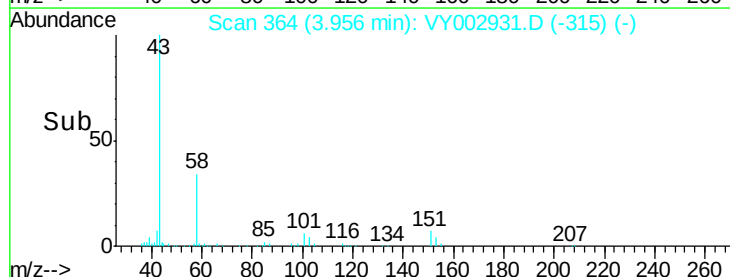
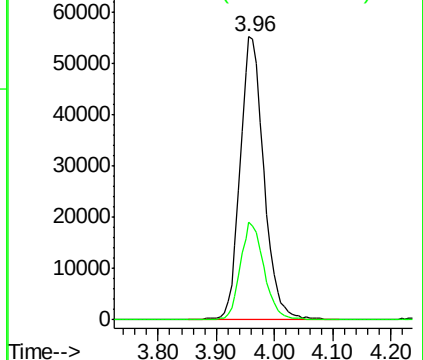
43 100

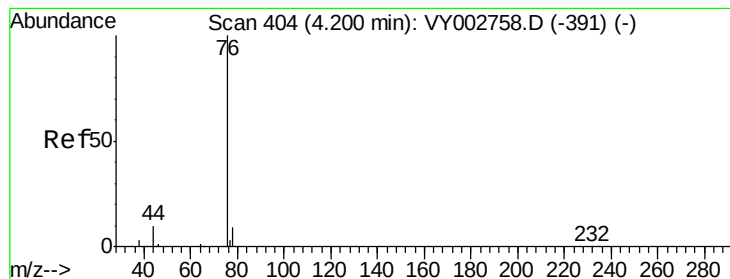
58 34.4 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0





#17

Carbon Disulfide

Concen: 41.502 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: VY002931.D

Acq: 18 Jun 2020 19:58

Instrument :

MSVOA_Y

ClientSampleId :

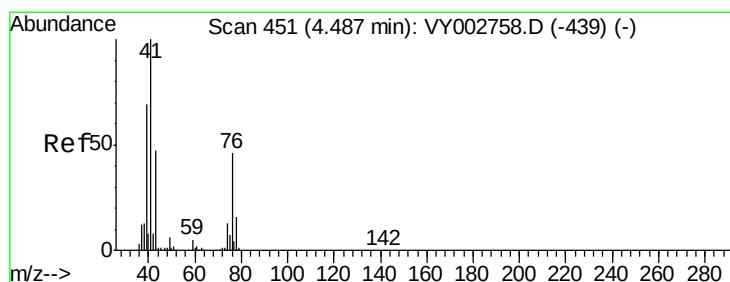
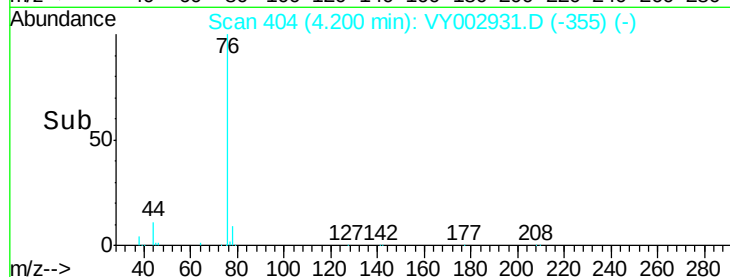
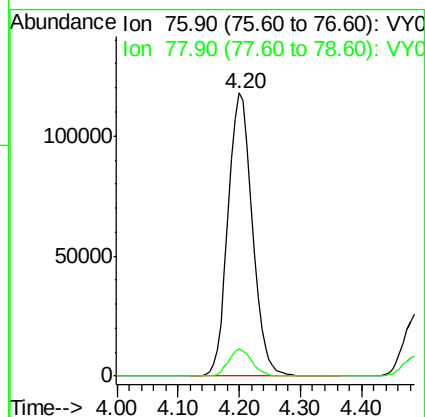
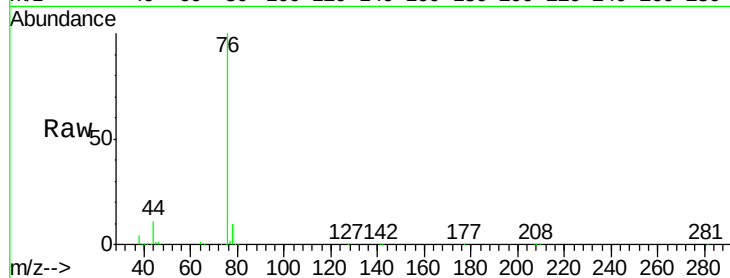
VSTDCCC050EC

Tot Ion: 76 Resp: 322849

Ion Ratio Lower Upper

76 100

78 9.6 6.9 10.3



#18

Methyl Acetate

Concen: 57.965 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY002931.D

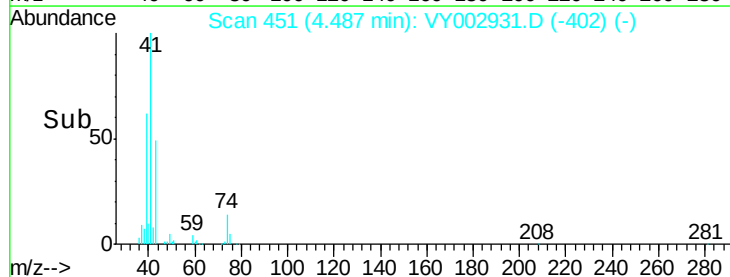
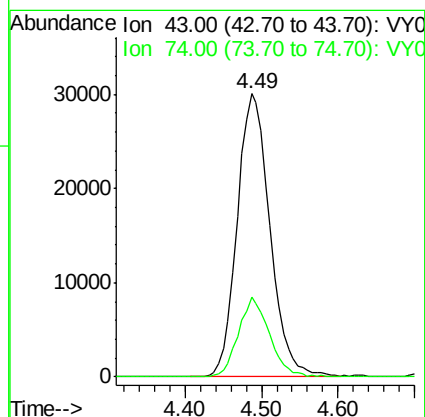
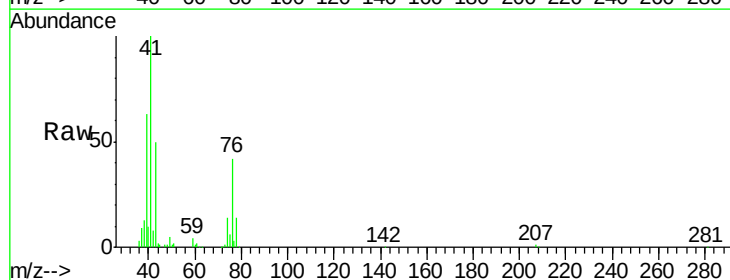
Acq: 18 Jun 2020 19:58

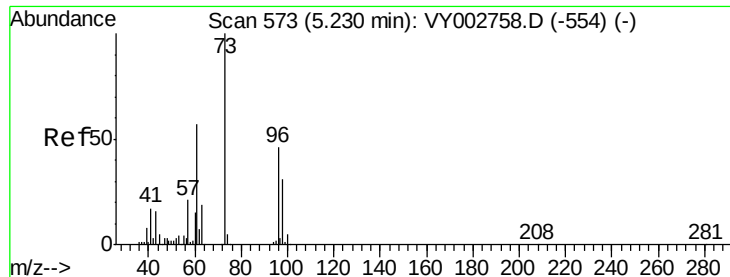
Tgt Ion: 43 Resp: 89373

Ion Ratio Lower Upper

43 100

74 26.7 21.4 32.0



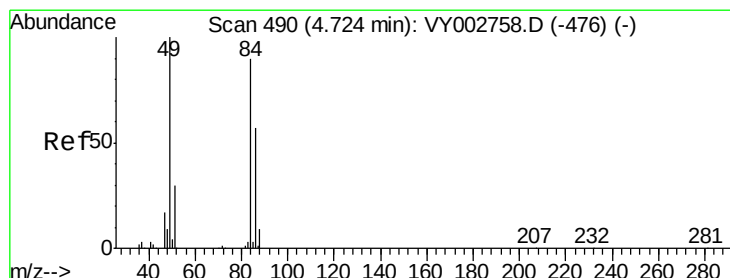
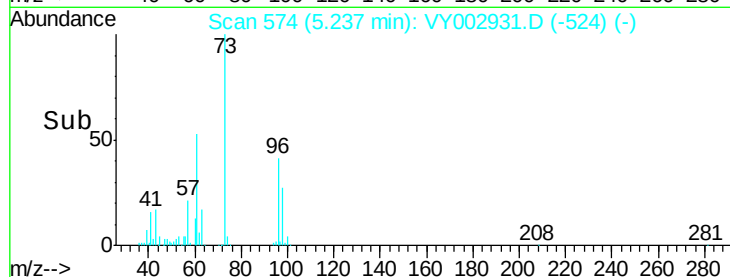
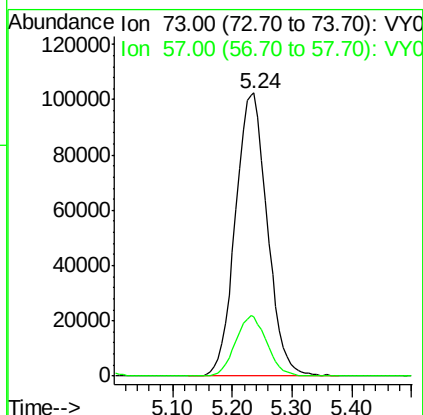
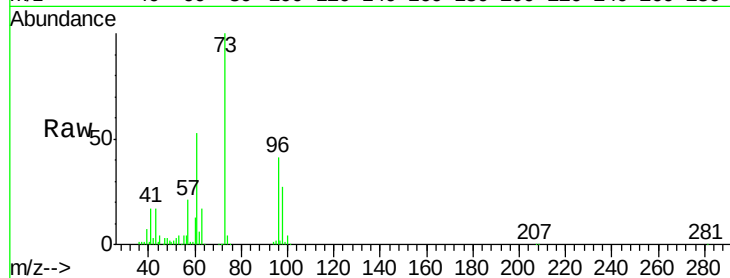


#19

Methyl tert-butyl Ether
 Concen: 53.553 ug/l
 RT: 5.24 min Scan# 574
 Delta R.T. 0.01 min
 Lab File: VY002931.D
 Acq: 18 Jun 2020 19:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

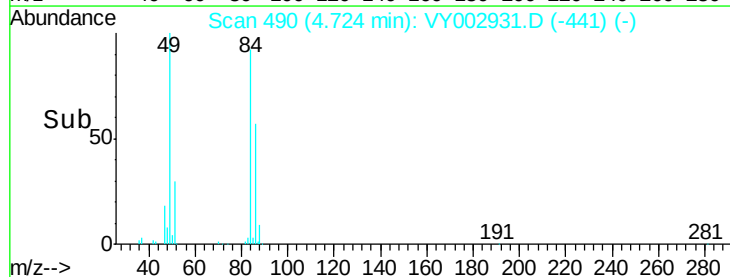
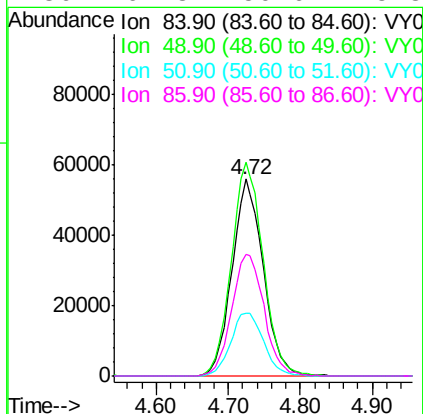
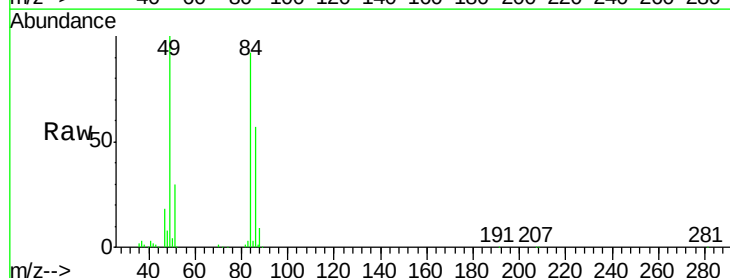
Tot Ion: 73 Resp: 380591
 Ion Ratio Lower Upper
 73 100
 57 21.2 17.0 25.4

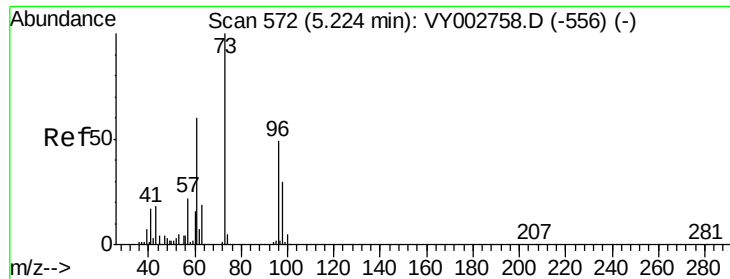


#20

Methylene Chloride
 Concen: 55.820 ug/l
 RT: 4.72 min Scan# 490
 Delta R.T. 0.00 min
 Lab File: VY002931.D
 Acq: 18 Jun 2020 19:58

Tgt Ion: 84 Resp: 168067
 Ion Ratio Lower Upper
 84 100
 49 108.4 88.5 132.7
 51 32.1 26.8 40.2
 86 61.8 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 48.015 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY002931.D

Acq: 18 Jun 2020 19:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

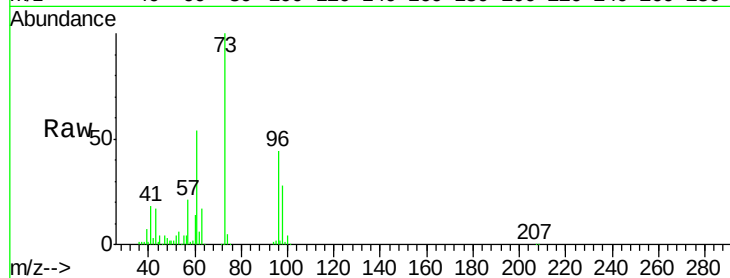
Tot Ion: 96 Resp: 139008

Ion Ratio Lower Upper

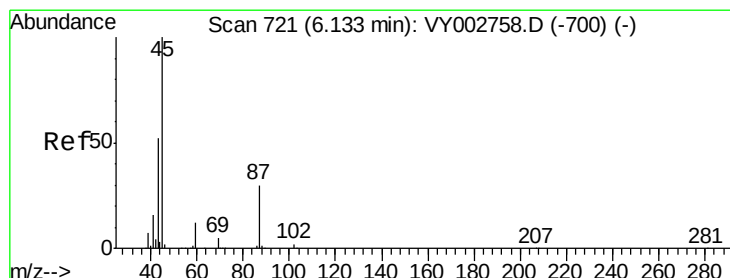
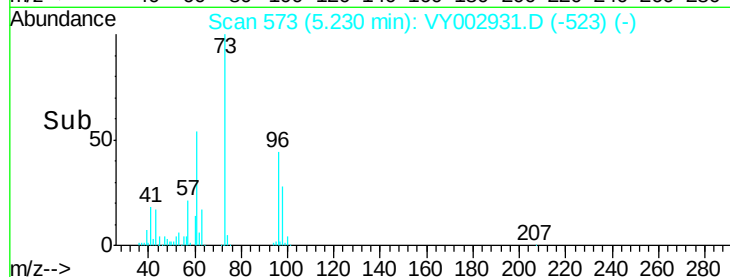
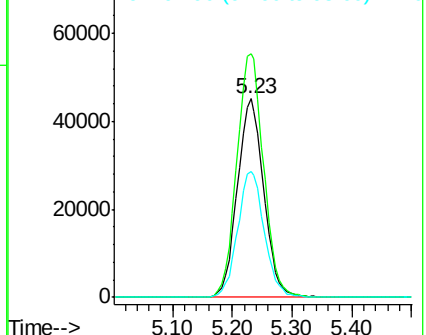
96 100

61 122.8 96.8 145.2

98 63.8 49.4 74.0



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



#22

Diisopropyl ether

Concen: 54.024 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY002931.D

Acq: 18 Jun 2020 19:58

Tgt Ion: 45 Resp: 414497

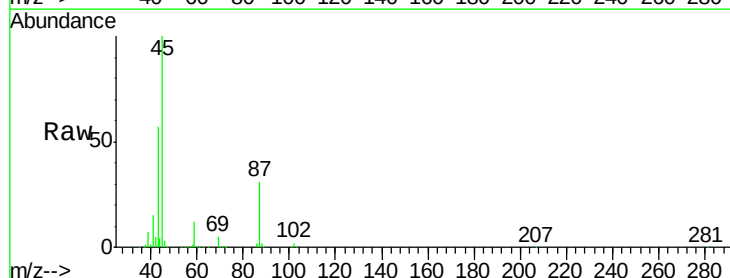
Ion Ratio Lower Upper

45 100

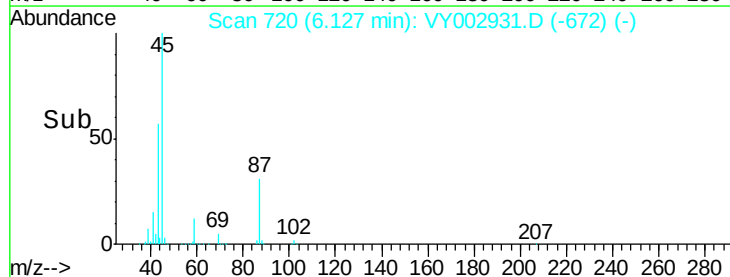
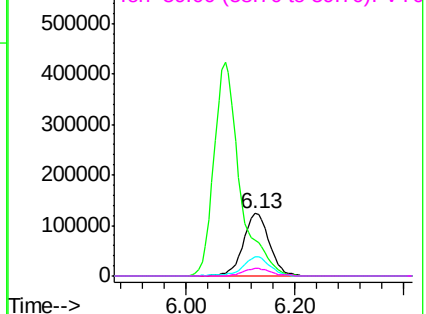
43 57.1 41.7 62.5

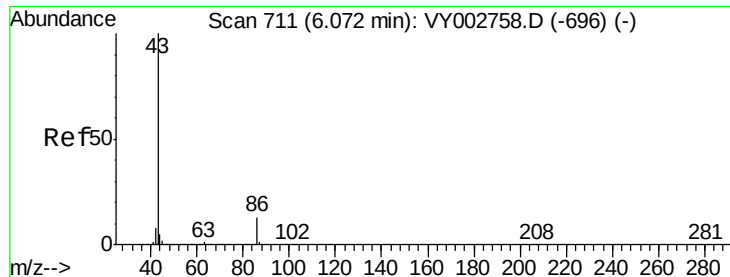
87 31.0 24.2 36.2

59 11.7 9.8 14.8



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

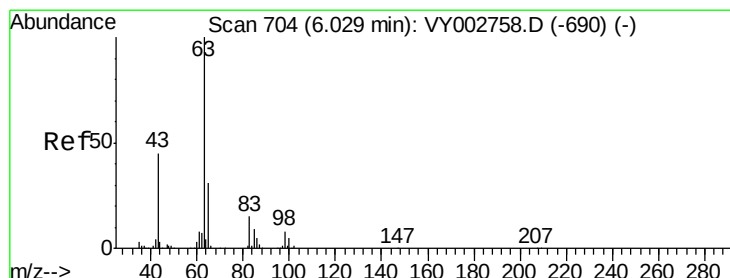
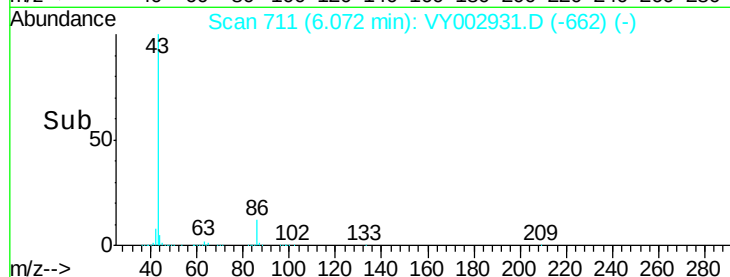
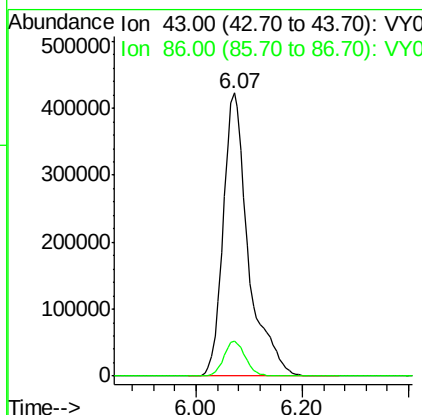
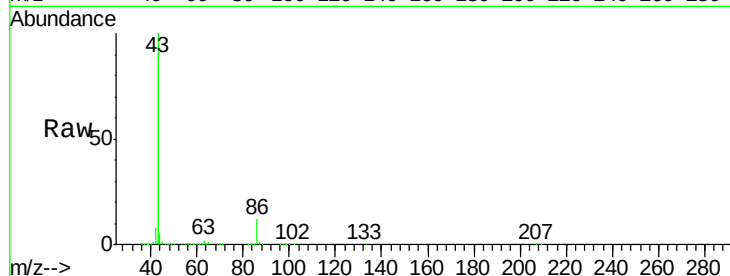




#23
 Vinyl Acetate
 Concen: 275.753 ug/l
 RT: 6.07 min Scan# 711
 Delta R.T. 0.00 min
 Lab File: VY002931.D
 Acq: 18 Jun 2020 19:58

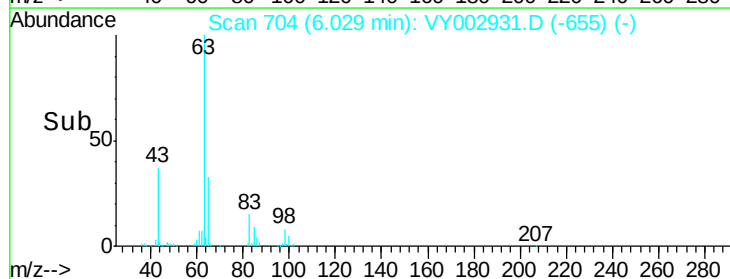
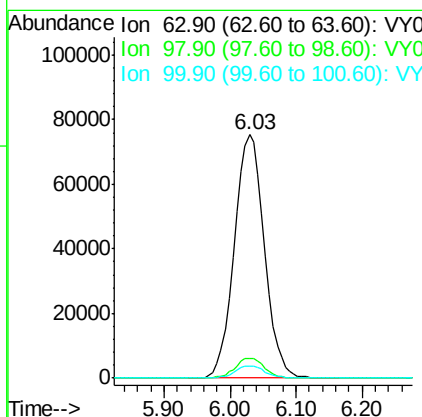
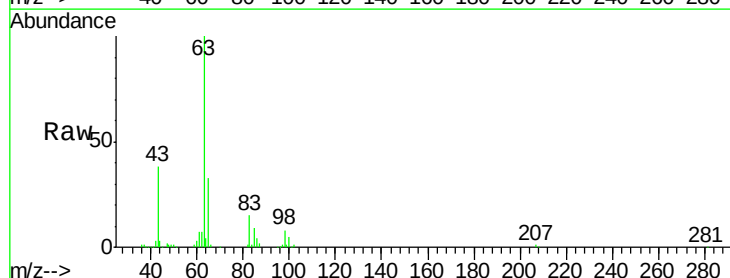
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

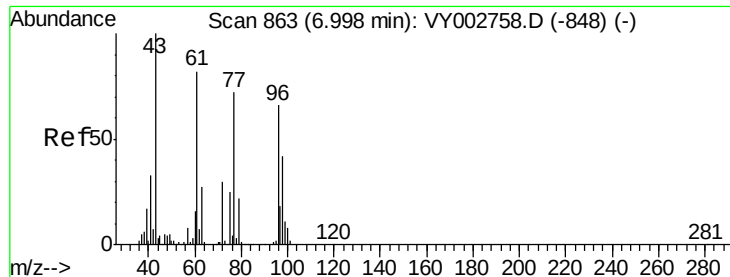
Tot Ion: 43 Resp: 1396852
 Ion Ratio Lower Upper
 43 100
 86 12.3 10.2 15.2



#24
 1,1-Dichloroethane
 Concen: 52.832 ug/l
 RT: 6.03 min Scan# 704
 Delta R.T. 0.00 min
 Lab File: VY002931.D
 Acq: 18 Jun 2020 19:58

Tgt Ion: 63 Resp: 237124
 Ion Ratio Lower Upper
 63 100
 98 8.2 4.0 12.2
 100 4.7 2.4 7.1





#25

2-Butanone

Concen: 269.759 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.00 min

Lab File: VY002931.D

Acq: 18 Jun 2020 19:58

Instrument :

MSVOA_Y

ClientSampleId :

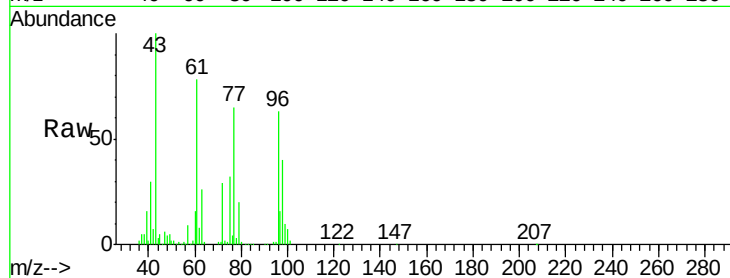
VSTDCCC050EC

Tot Ion: 43 Resp: 258941

Ion Ratio Lower Upper

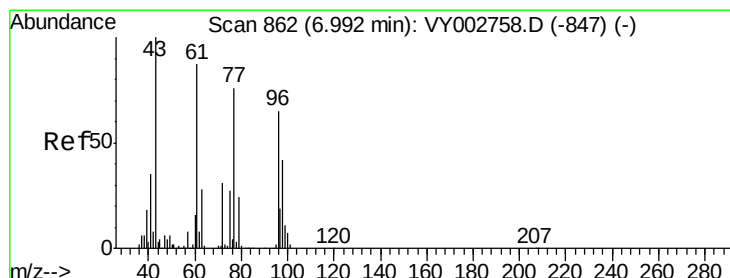
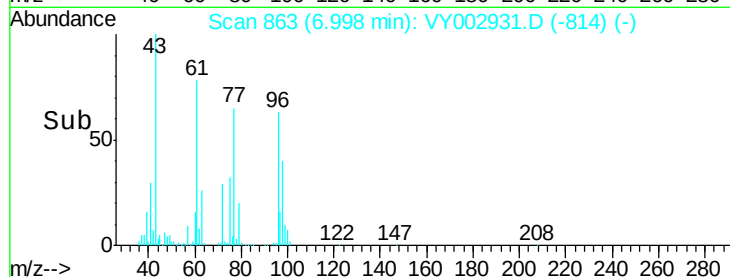
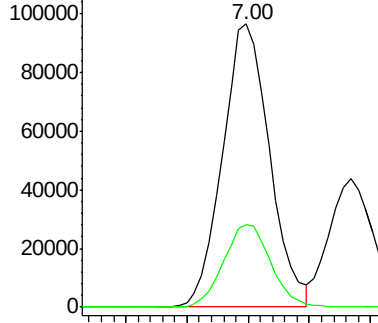
43 100

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



#26

2,2-Dichloropropane

Concen: 47.305 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY002931.D

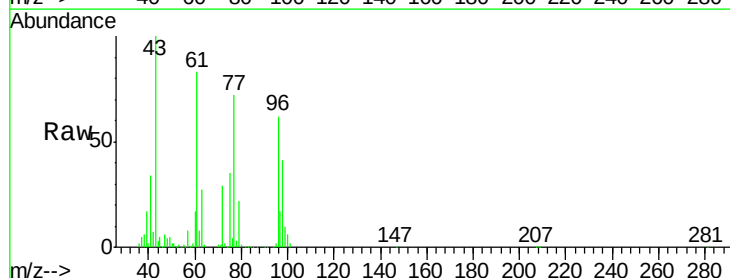
Acq: 18 Jun 2020 19:58

Tgt Ion: 77 Resp: 203625

Ion Ratio Lower Upper

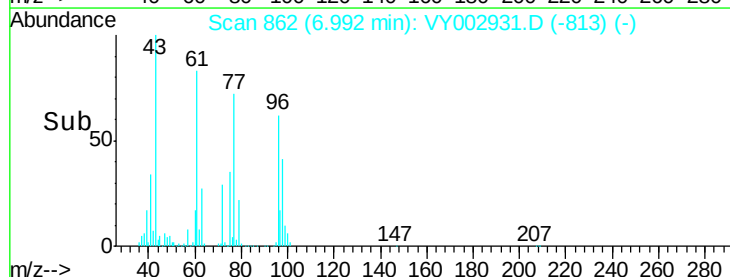
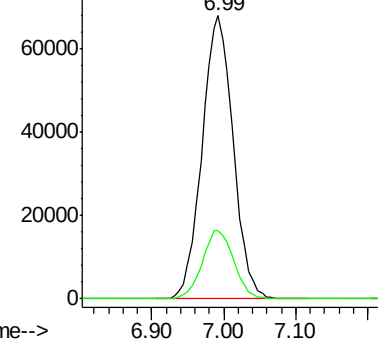
77 100

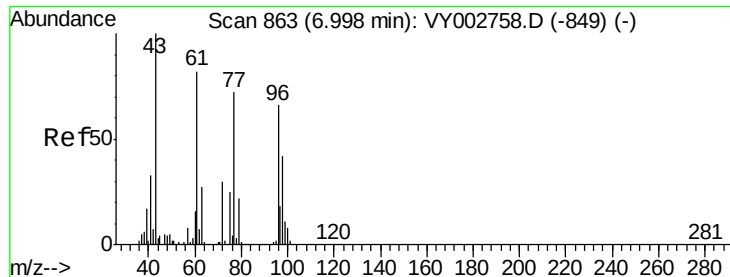
97 24.4 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0



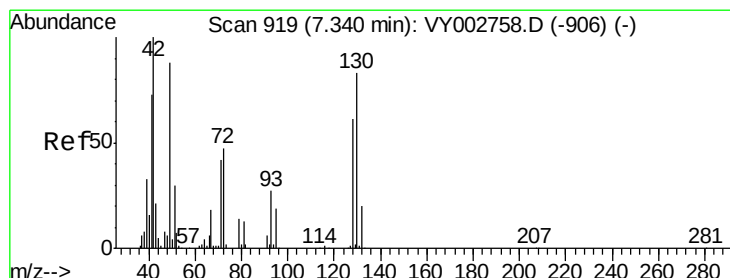
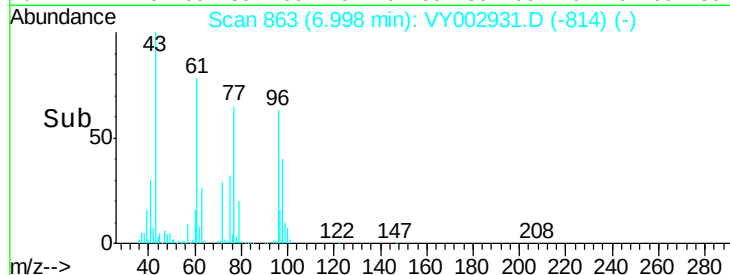
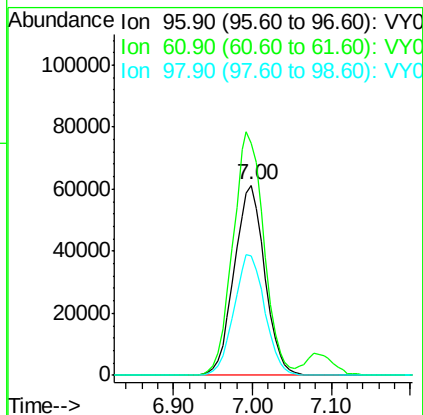
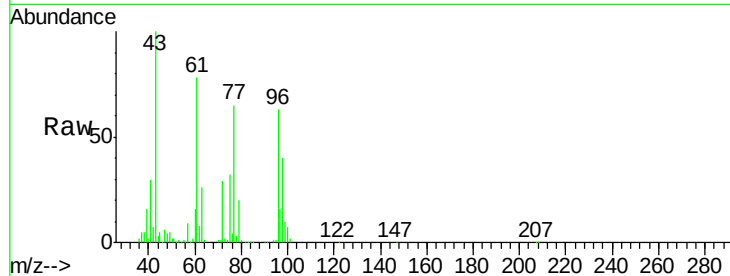


#27

cis-1,2-Dichloroethene
Concen: 50.955 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.00 min
Lab File: VY002931.D
Acq: 18 Jun 2020 19:58

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

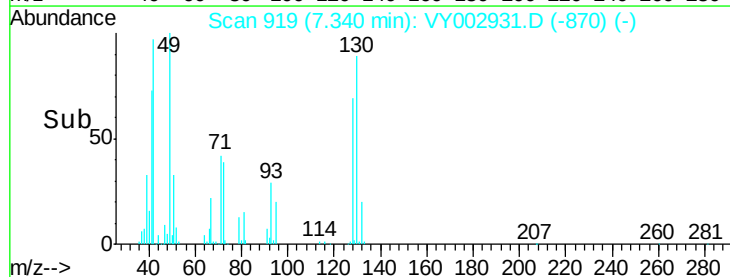
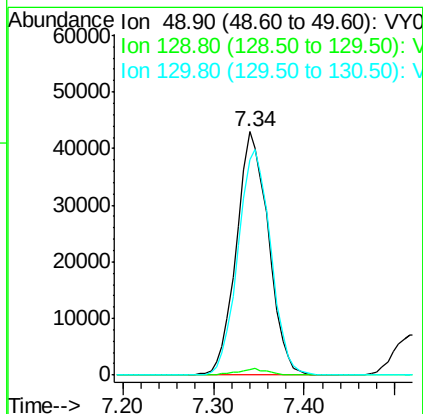
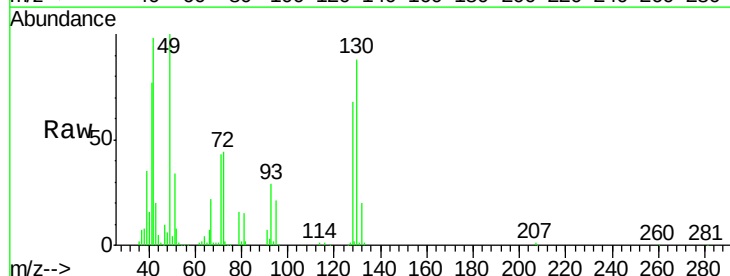
Tot Ion	96	Resp	165144
Ion	Ratio	Lower	Upper
96	100		
61	130.1	0.0	260.2
98	64.1	0.0	128.2

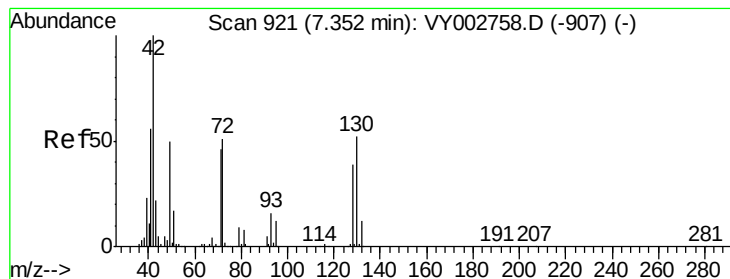


#28

Bromochloromethane
Concen: 57.230 ug/l
RT: 7.34 min Scan# 919
Delta R.T. 0.00 min
Lab File: VY002931.D
Acq: 18 Jun 2020 19:58

Tgt Ion	49	Resp	105446
Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.2
130	94.5	77.1	115.7





#29

Tetrahydrofuran

Concen: 274.519 ug/l

RT: 7.36 min Scan# 922

Delta R.T. 0.01 min

Lab File: VY002931.D

Acq: 18 Jun 2020 19:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

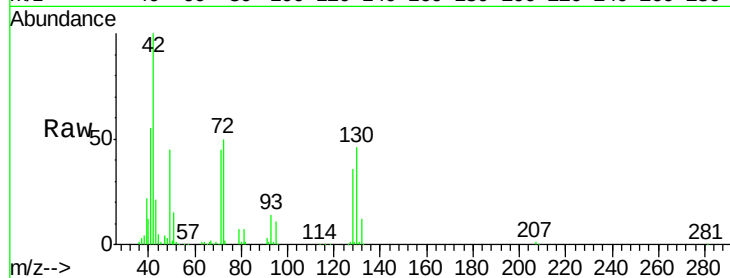
Tot Ion: 42 Resp: 171403

Ion Ratio Lower Upper

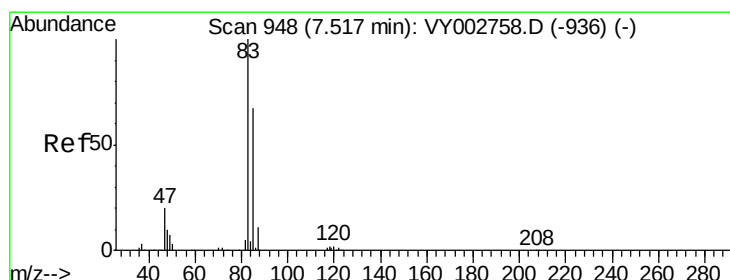
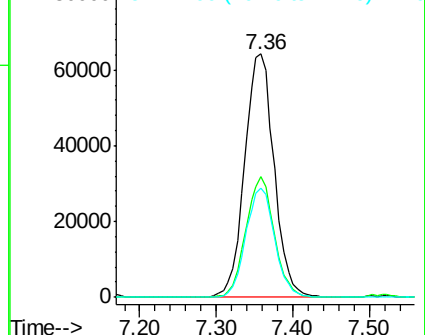
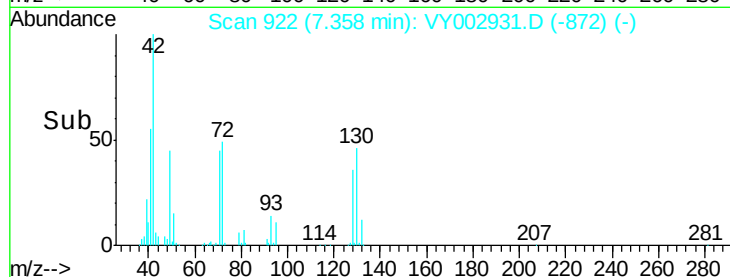
42 100

72 47.8 38.6 58.0

71 44.4 35.8 53.8



Abundance Ion 42.00 (41.70 to 42.70): VY002931.D (-872) (-)



#30

Chloroform

Concen: 52.680 ug/l

RT: 7.52 min Scan# 948

Delta R.T. 0.00 min

Lab File: VY002931.D

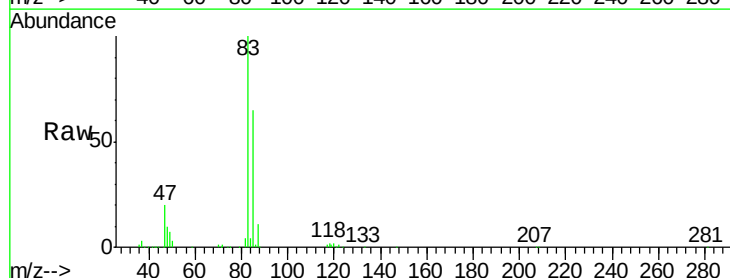
Acq: 18 Jun 2020 19:58

Tgt Ion: 83 Resp: 250899

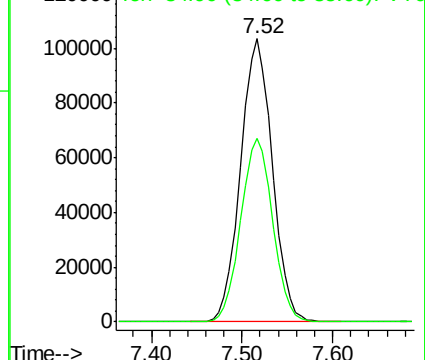
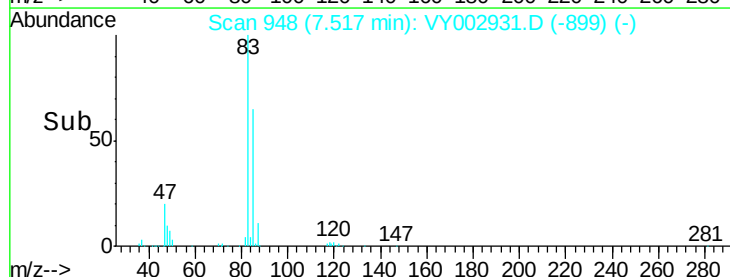
Ion Ratio Lower Upper

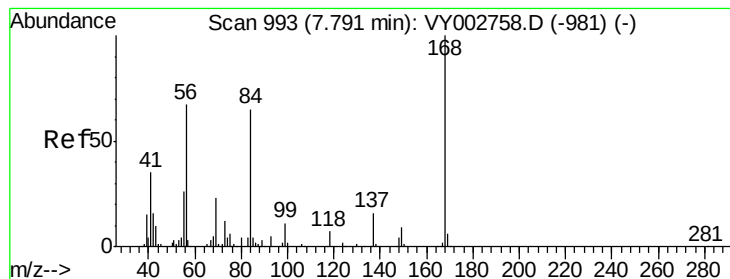
83 100

85 64.9 53.8 80.8



Abundance Ion 82.90 (82.60 to 83.60): VY002931.D (-899) (-)





#31

Cyclohexane

Concen: 44.578 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY002931.D

Acq: 18 Jun 2020 19:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

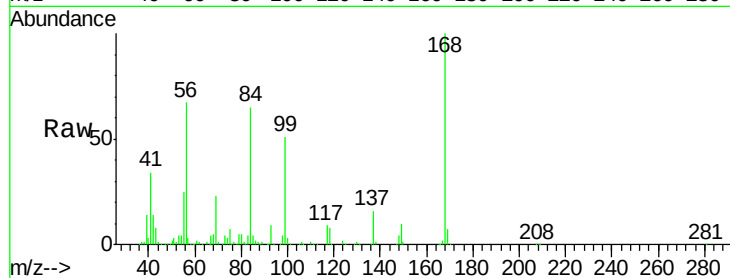
Tot Ion: 56 Resp: 198649

Ion Ratio Lower Upper

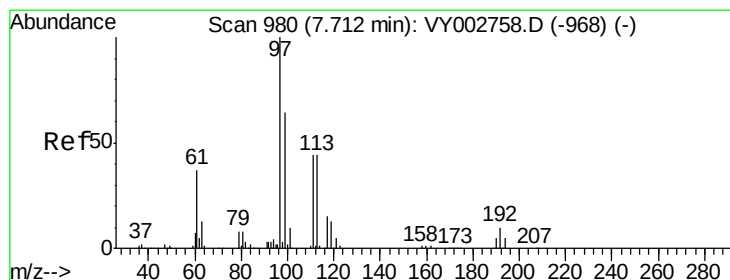
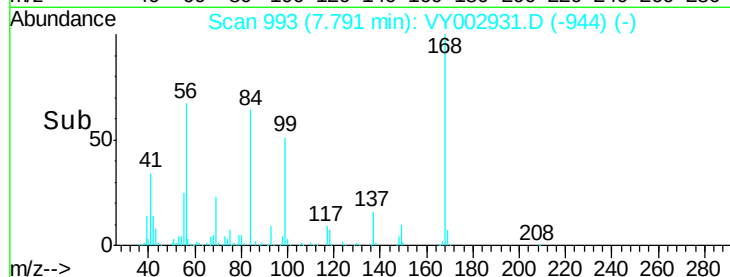
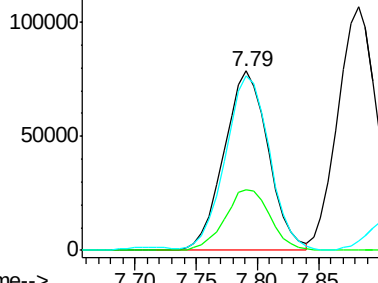
56 100

69 34.1 28.0 42.0

84 95.7 77.7 116.5



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



#32

1,1,1-Trichloroethane

Concen: 49.871 ug/l

RT: 7.71 min Scan# 980

Delta R.T. 0.00 min

Lab File: VY002931.D

Acq: 18 Jun 2020 19:58

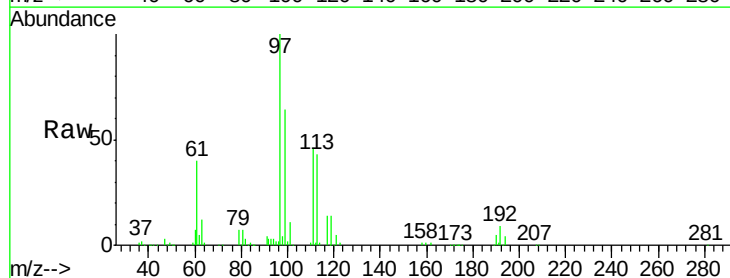
Tgt Ion: 97 Resp: 221333

Ion Ratio Lower Upper

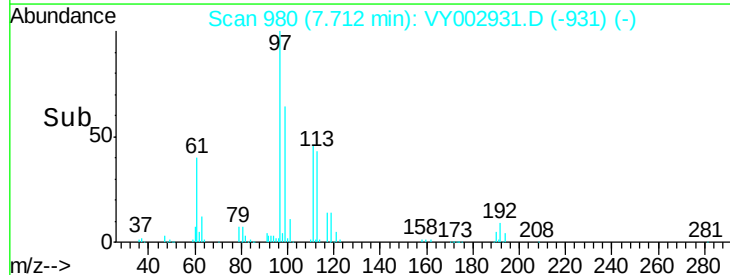
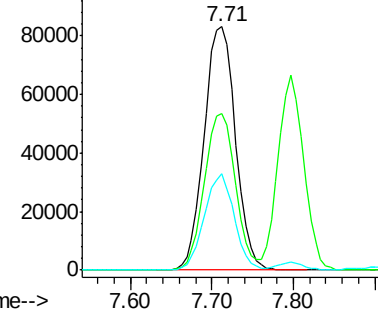
97 100

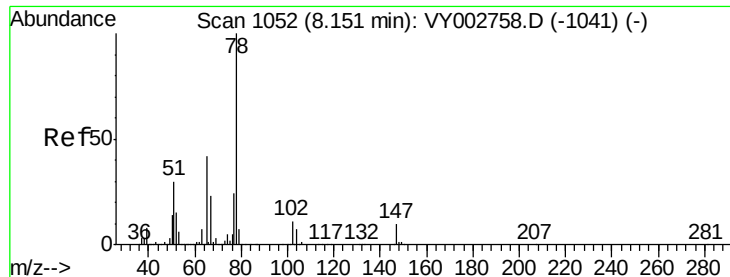
99 64.0 51.4 77.0

61 37.7 30.1 45.1



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

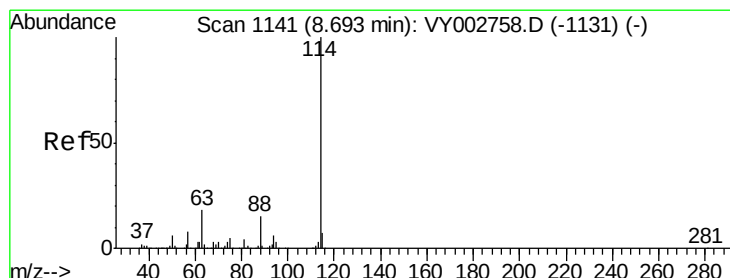
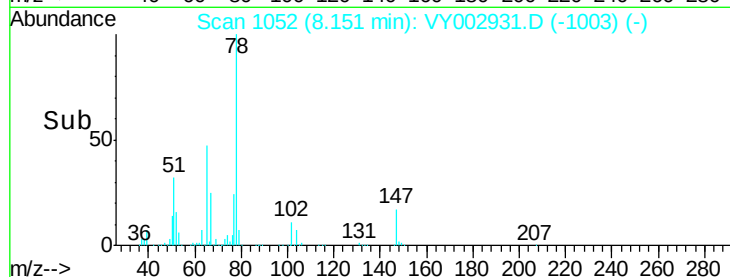
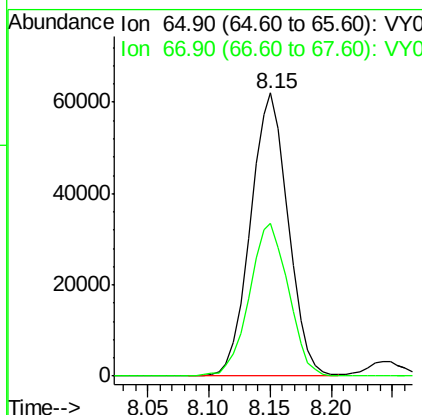
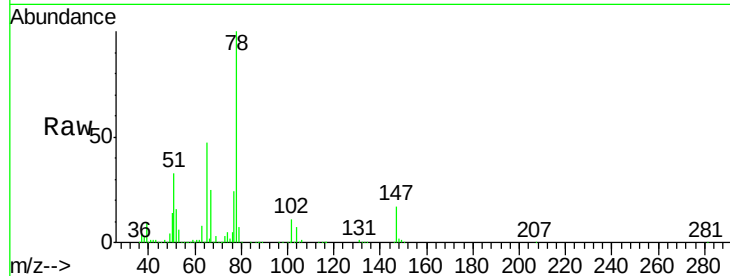




#33
 1,2-Dichloroethane-d4
 Concen: 50.540 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY002931.D
 Acq: 18 Jun 2020 19:58

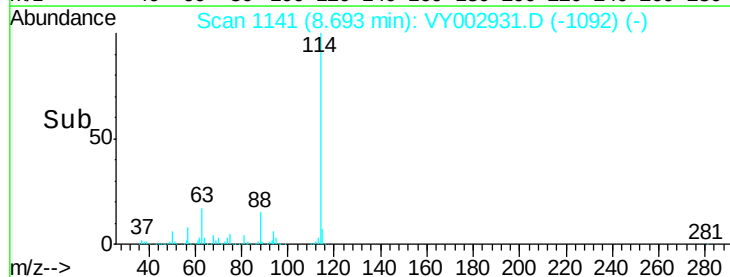
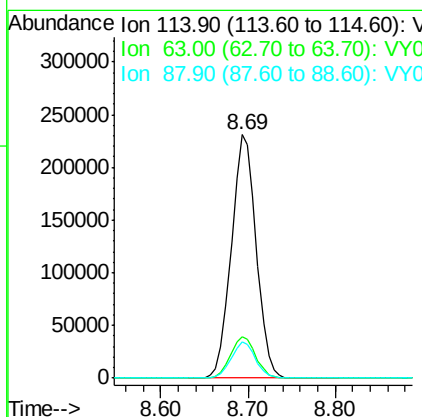
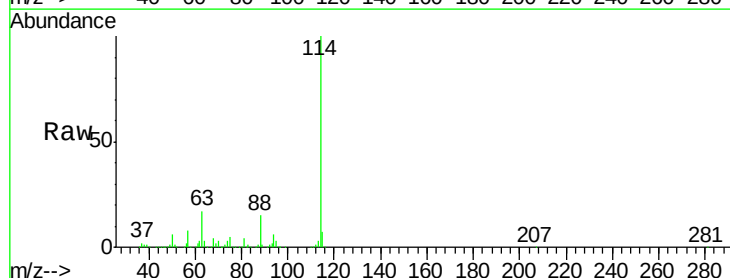
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

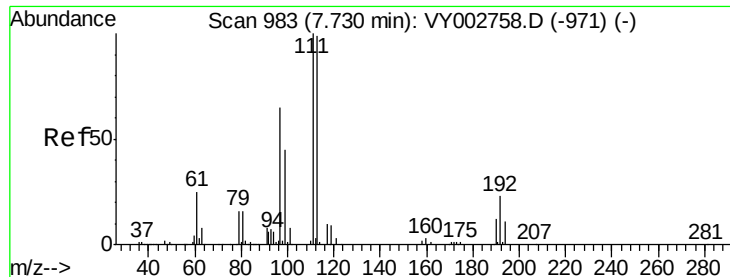
Tot Ion: 65 Resp: 132793
 Ion Ratio Lower Upper
 65 100
 67 56.0 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002931.D
 Acq: 18 Jun 2020 19:58

Tgt Ion: 114 Resp: 455846
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 35.2
 88 15.1 0.0 29.2

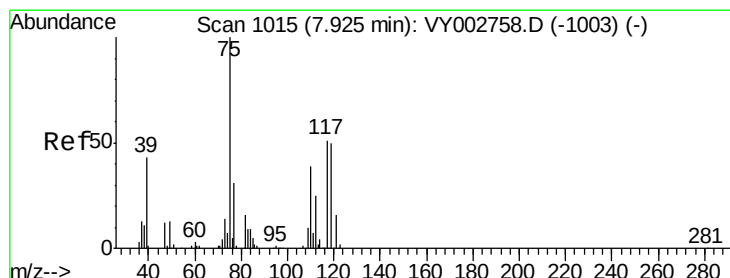
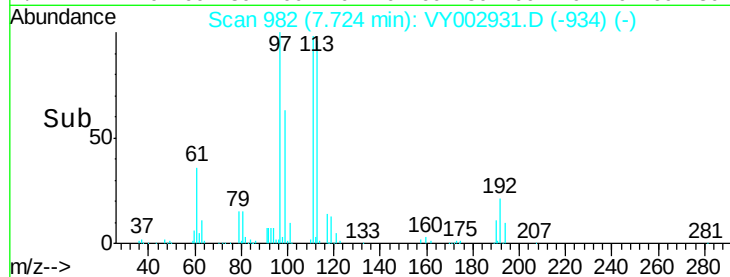
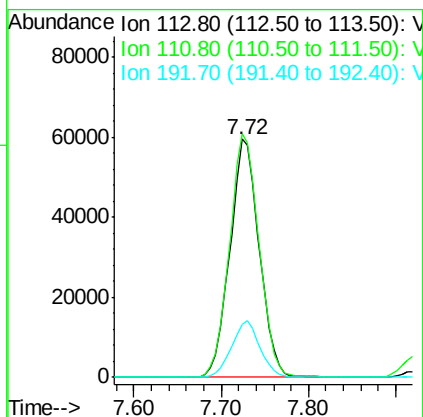
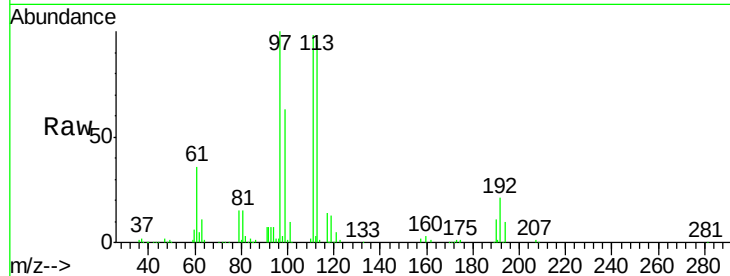




#35
 Dibromofluoromethane
 Concen: 51.938 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002931.D
 Acq: 18 Jun 2020 19:58

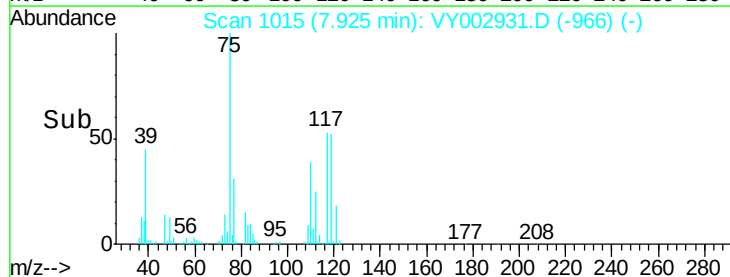
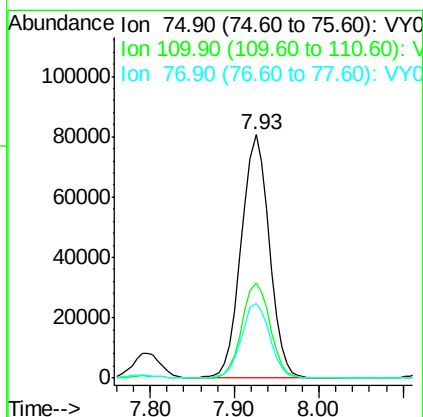
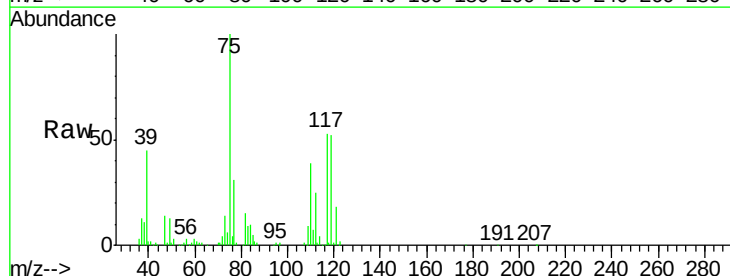
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

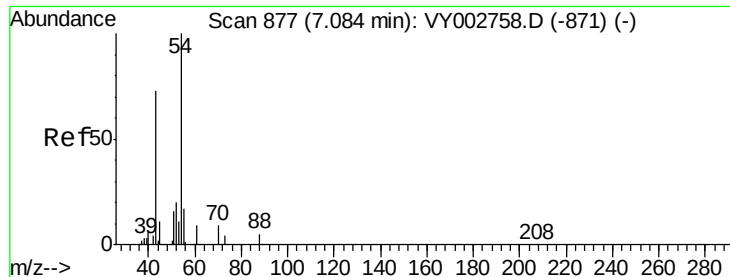
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.0	123.0
192	23.0	18.9	28.3



#36
 1,1-Dichloropropene
 Concen: 47.260 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: VY002931.D
 Acq: 18 Jun 2020 19:58

Tgt Ion	Ratio	Lower	Upper
75	100		
110	39.0	19.3	57.9
77	31.2	24.8	37.2

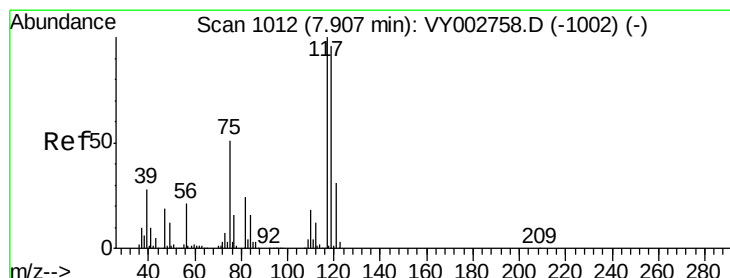
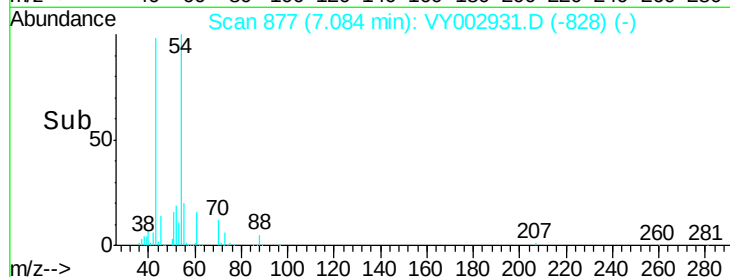
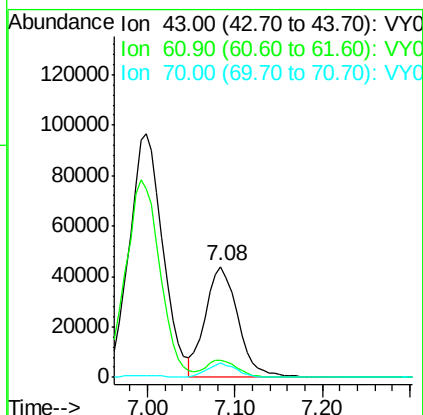
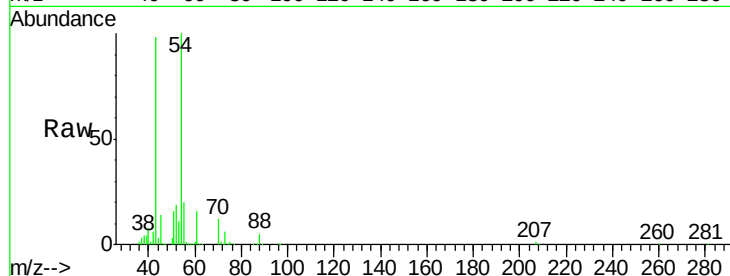




#37
Ethyl Acetate
Concen: 54.586 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.00 min
Lab File: VY002931.D
Acq: 18 Jun 2020 19:58

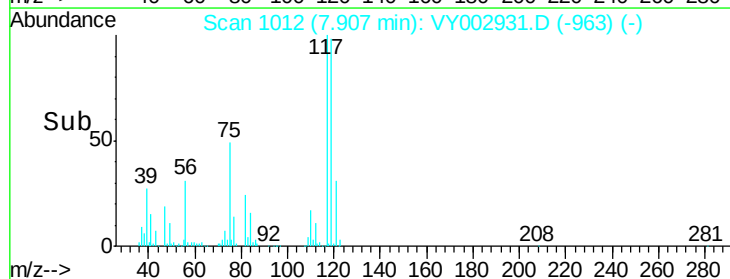
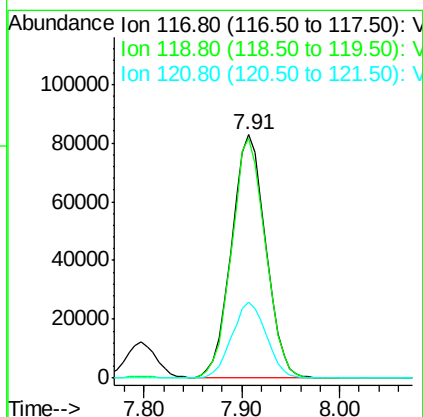
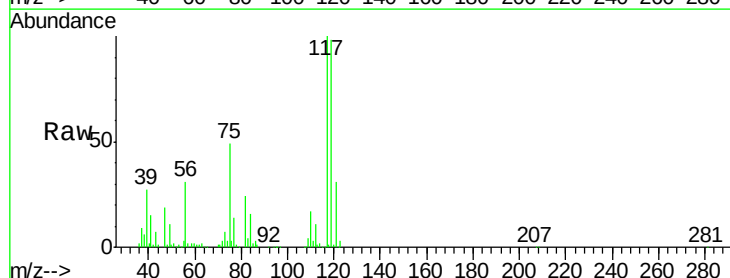
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

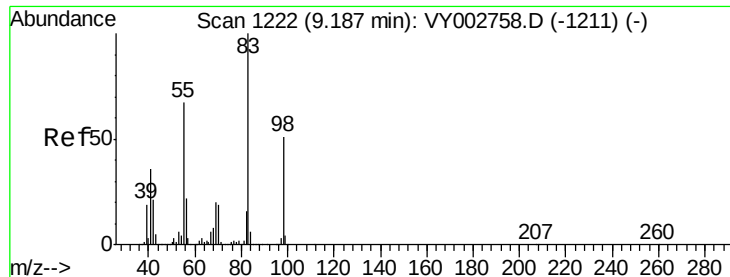
Tot Ion: 43 Resp: 114041
Ion Ratio Lower Upper
43 100
61 15.4 11.9 17.9
70 11.5 9.1 13.7



#38
Carbon Tetrachloride
Concen: 47.194 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY002931.D
Acq: 18 Jun 2020 19:58

Tgt Ion: 117 Resp: 201321
Ion Ratio Lower Upper
117 100
119 98.4 76.8 115.2
121 31.3 24.8 37.2

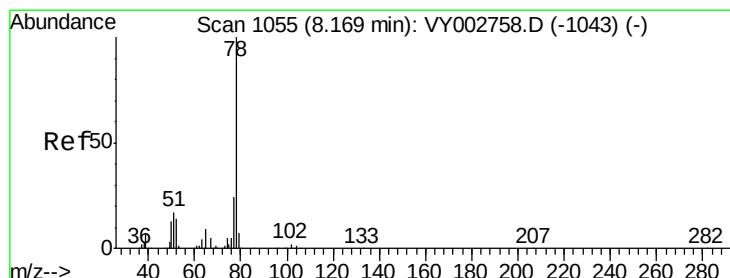
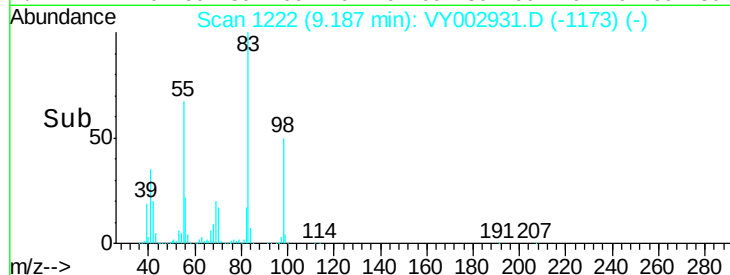
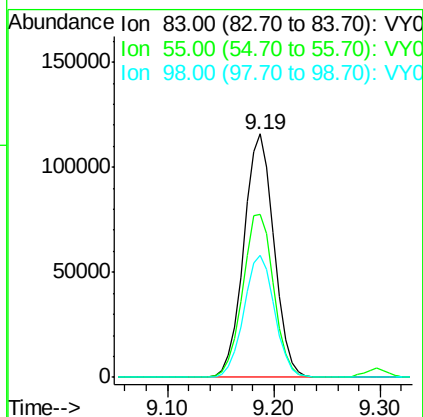
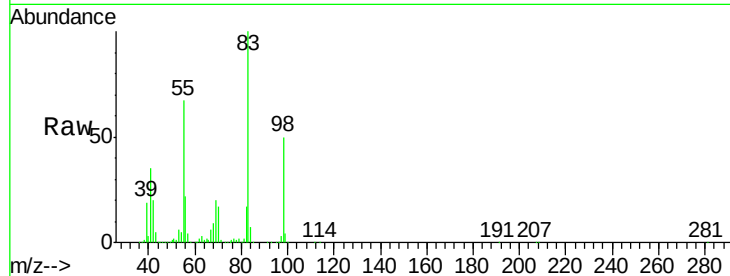




#39
Methylvlcyclohexane
Concen: 45.526 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY002931.D
Acq: 18 Jun 2020 19:58

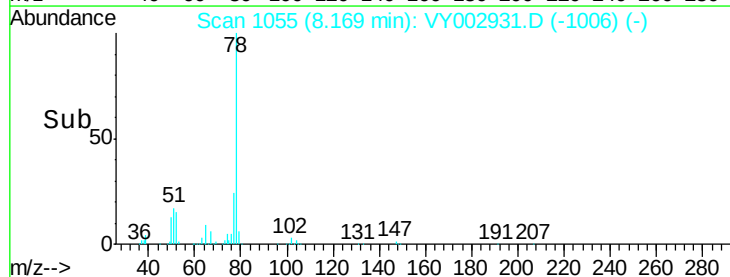
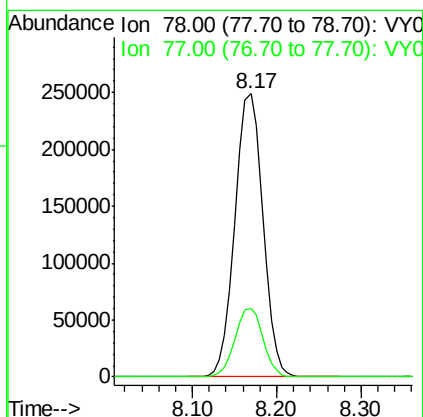
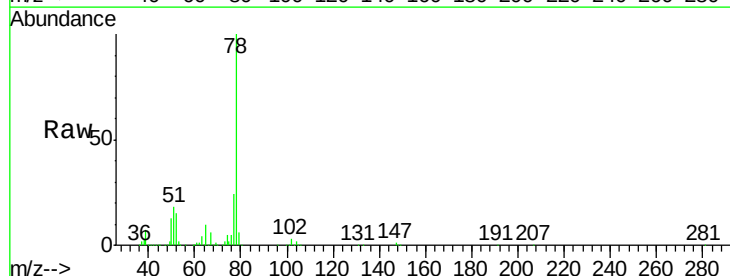
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

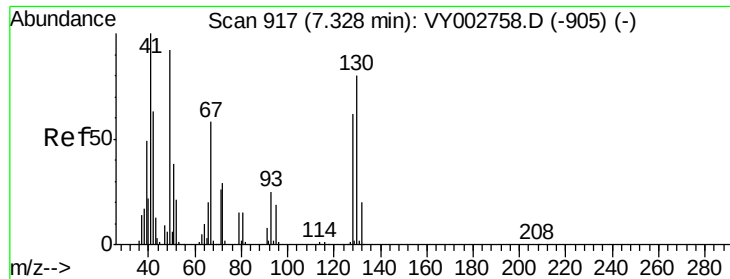
Tot Ion: 83 Resp: 230423
Ion Ratio Lower Upper
83 100
55 67.1 53.3 79.9
98 50.1 41.1 61.7



#40
Benzene
Concen: 49.108 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY002931.D
Acq: 18 Jun 2020 19:58

Tgt Ion: 78 Resp: 557189
Ion Ratio Lower Upper
78 100
77 24.1 18.8 28.2

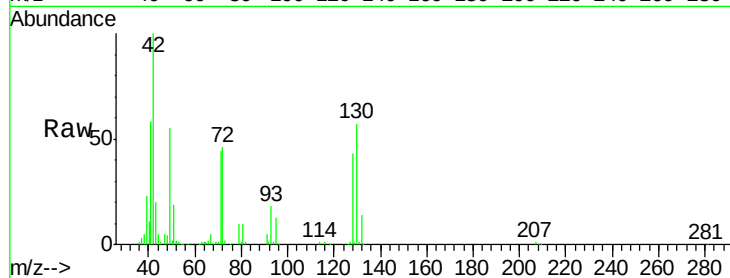




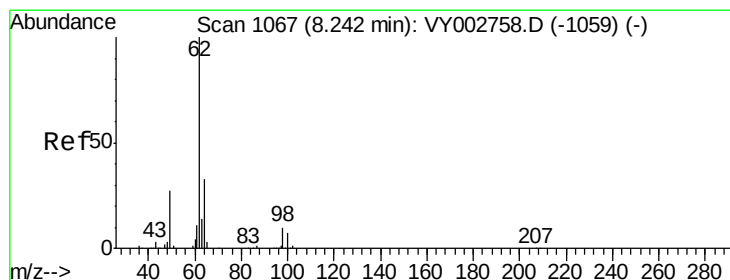
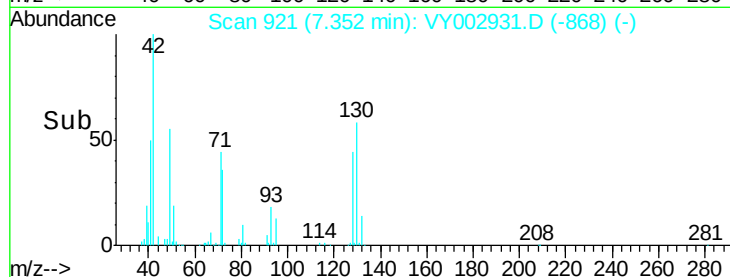
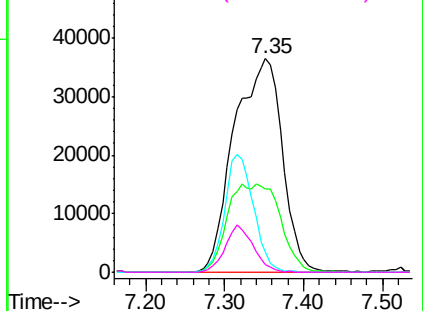
#41
Methacrylonitrile
Concen: 137.715 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.02 min
Lab File: VY002931.D
Acq: 18 Jun 2020 19:58

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	154568
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

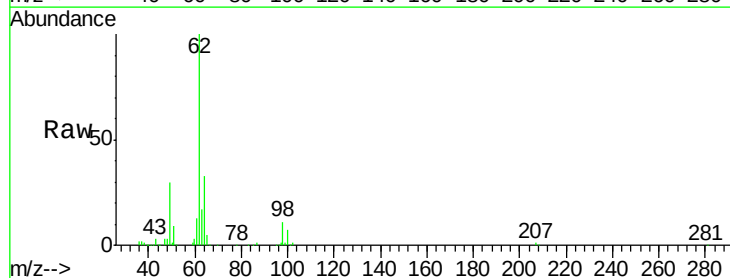


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

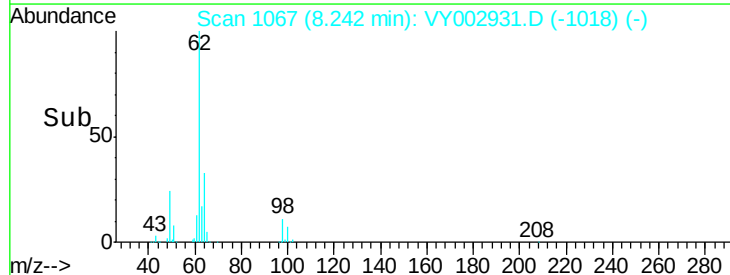
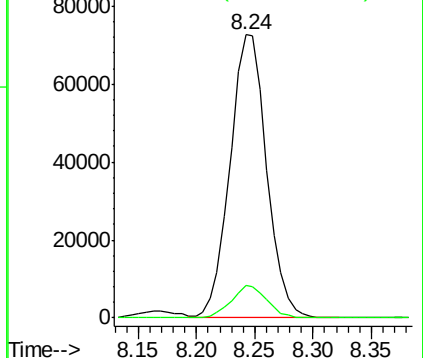


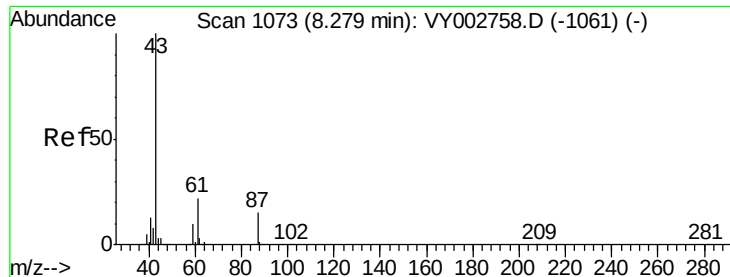
#42
1,2-Dichloroethane
Concen: 50.092 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY002931.D
Acq: 18 Jun 2020 19:58

Tgt Ion:	62	Resp:	159282
Ion	Ratio	Lower	Upper
62	100		
98	11.0	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: 53.954 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VY002931.D

Acq: 18 Jun 2020 19:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

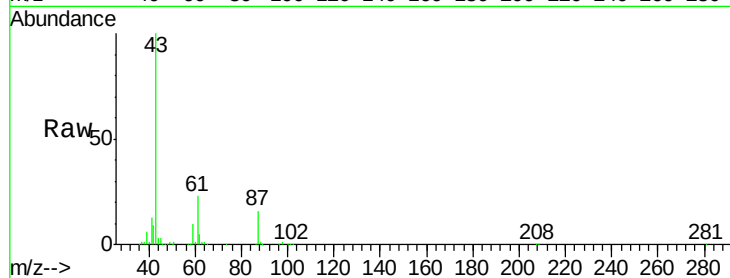
Tot Ion: 43 Resp: 213607

Ion Ratio Lower Upper

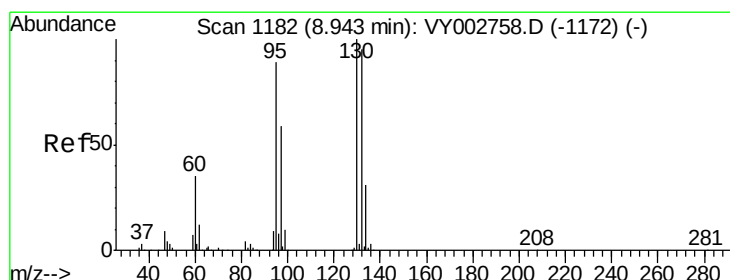
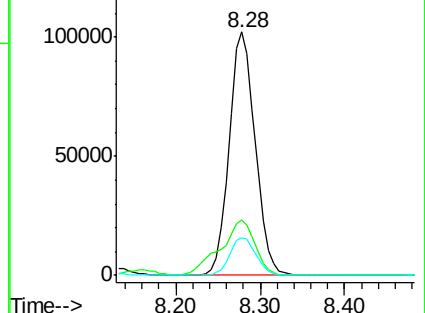
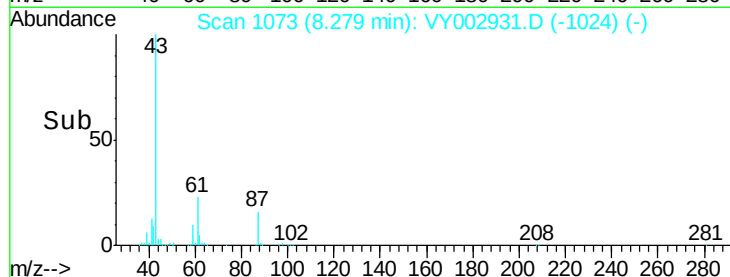
43 100

61 30.6 24.8 37.2

87 15.7 12.4 18.6



Abundance Ion 43.00 (42.70 to 43.70): VY002931.D (-1024) (-)



#44

Trichloroethene

Concen: 47.749 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VY002931.D

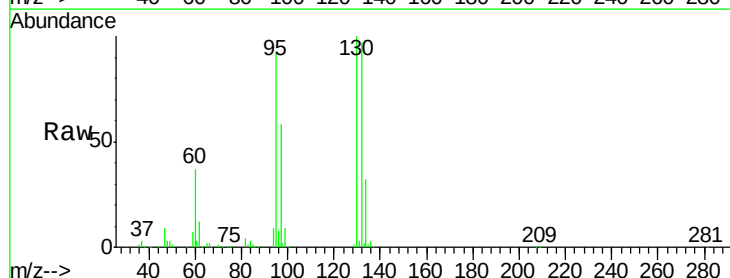
Acq: 18 Jun 2020 19:58

Tgt Ion: 130 Resp: 171128

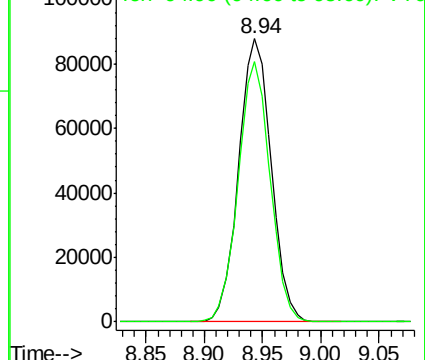
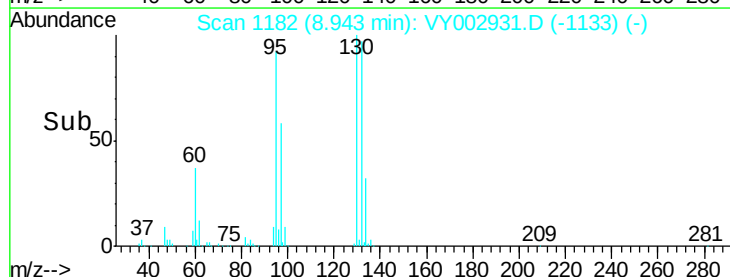
Ion Ratio Lower Upper

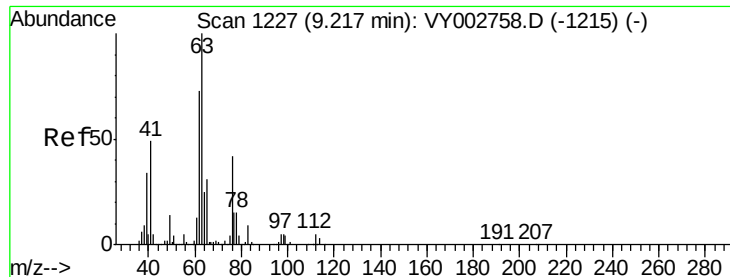
130 100

95 92.2 0.0 178.8



Abundance Ion 129.80 (129.50 to 130.50): VY002931.D (-1133) (-)





#45

1,2-Dichloropropane

Concen: 52.152 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. 0.00 min

Lab File: VY002931.D

Acq: 18 Jun 2020 19:58

Instrument :

MSVOA_Y

ClientSampleId :

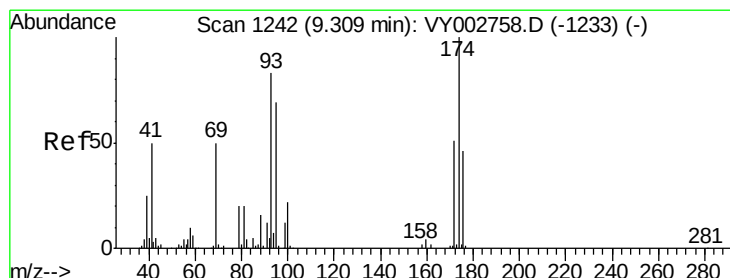
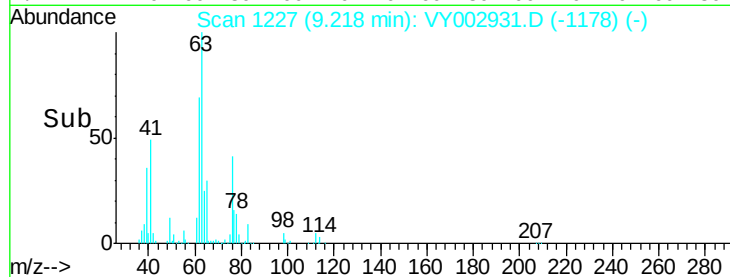
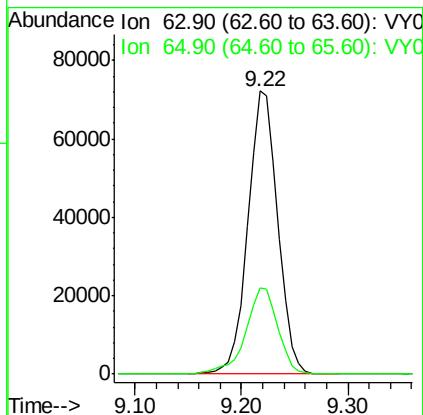
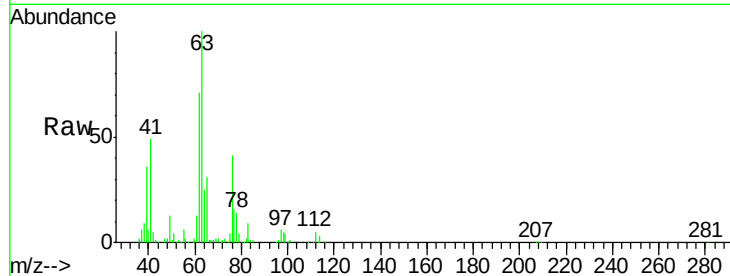
VSTDCCC050EC

Tot Ion: 63 Resp: 141902

Ion Ratio Lower Upper

63 100

65 30.7 24.8 37.2



#46

Dibromomethane

Concen: 52.105 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VY002931.D

Acq: 18 Jun 2020 19:58

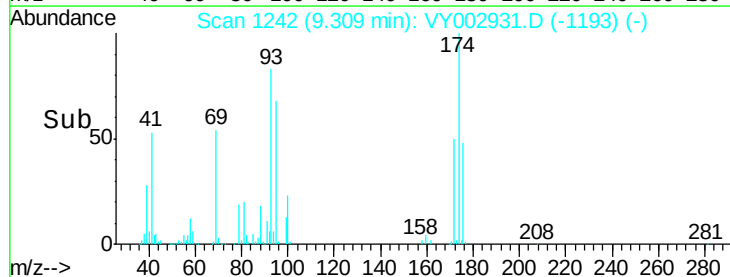
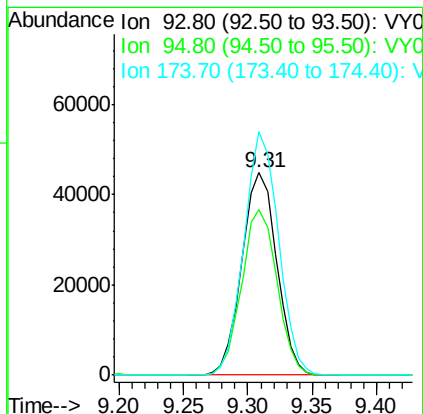
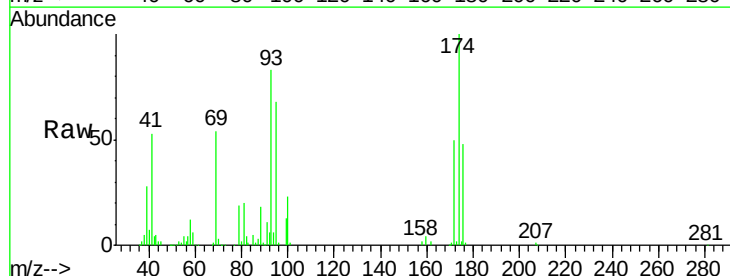
Tgt Ion: 93 Resp: 84199

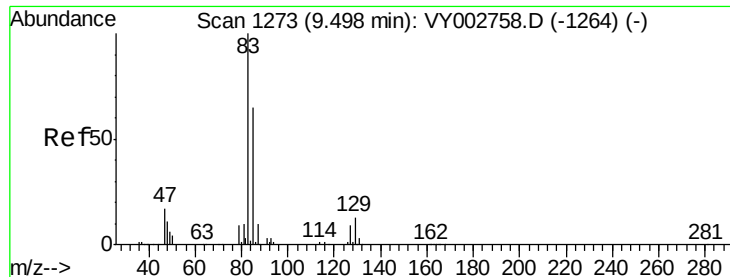
Ion Ratio Lower Upper

93 100

95 82.8 66.9 100.3

174 118.9 97.7 146.5





#47

Bromodichloromethane

Concen: 52.731 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY002931.D

Acq: 18 Jun 2020 19:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

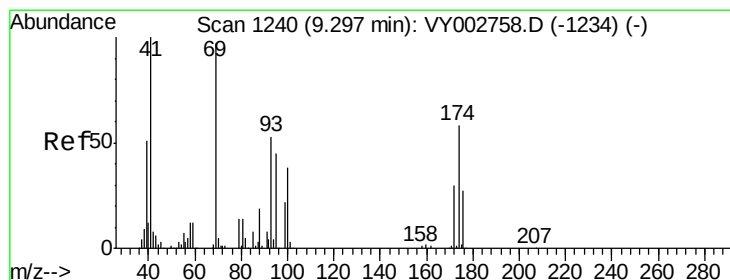
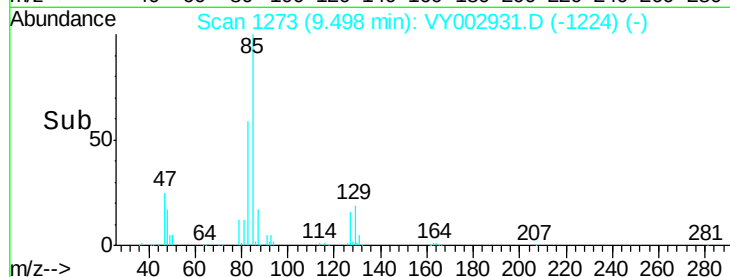
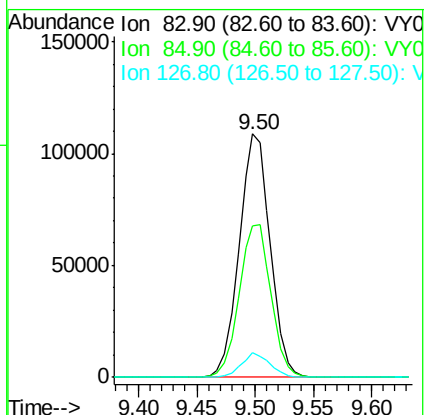
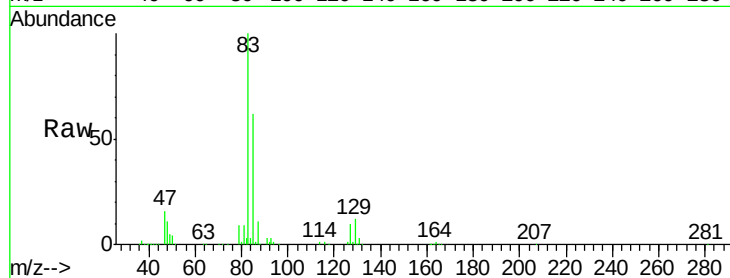
Tot Ion: 83 Resp: 200880

Ion Ratio Lower Upper

83 100

85 62.3 51.9 77.9

127 10.2 7.1 10.7



#48

Methyl methacrylate

Concen: 54.582 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VY002931.D

Acq: 18 Jun 2020 19:58

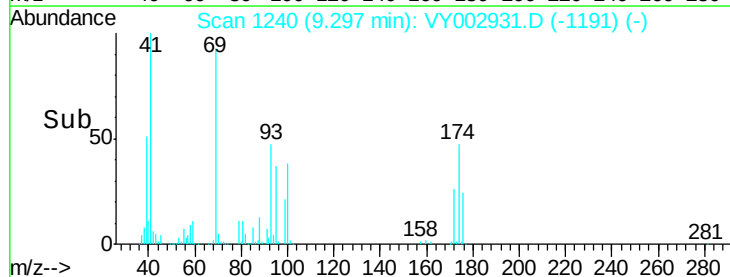
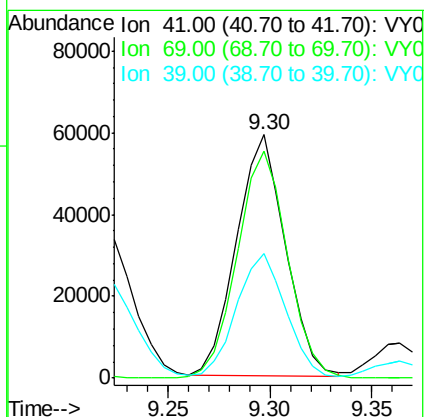
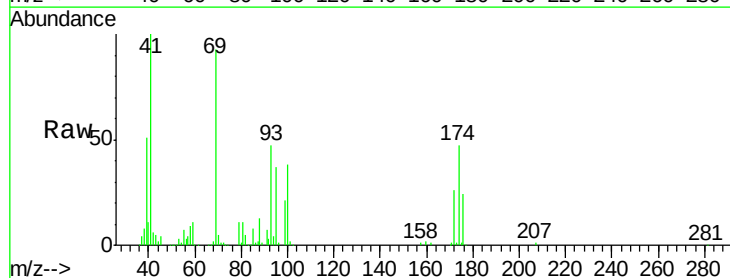
Tgt Ion: 41 Resp: 97551

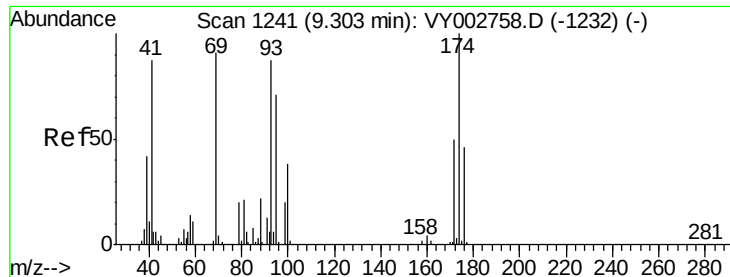
Ion Ratio Lower Upper

41 100

69 97.5 79.7 119.5

39 53.0 43.3 64.9

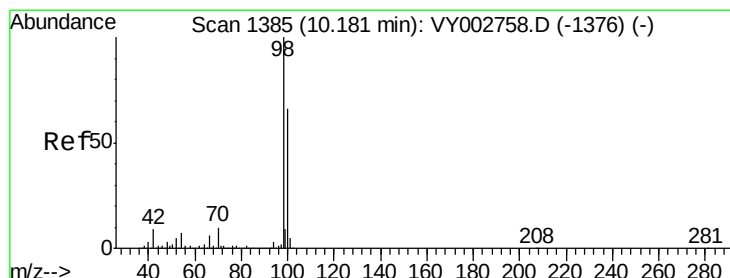
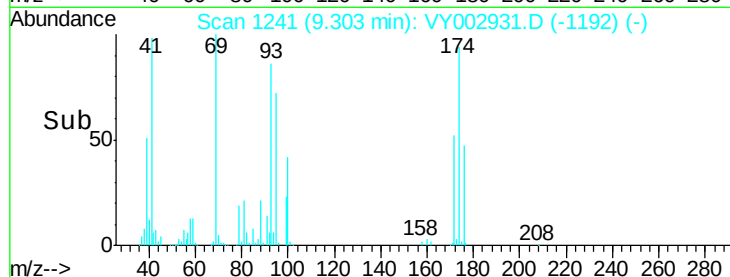
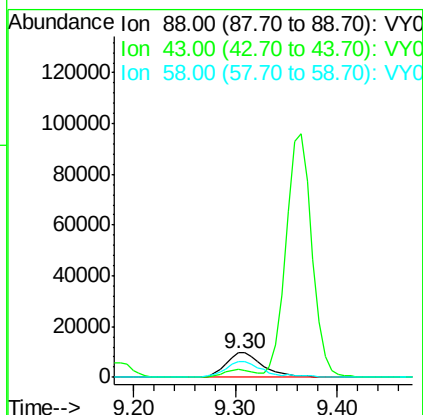
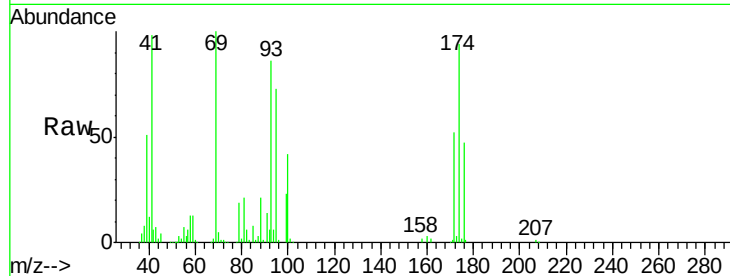




#49
1,4-Dioxane
Concen: 1002.372 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VY002931.D
Acq: 18 Jun 2020 19:58

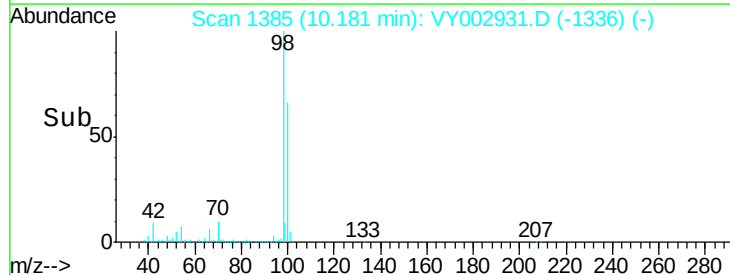
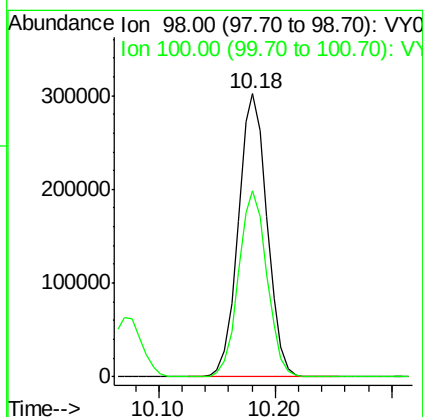
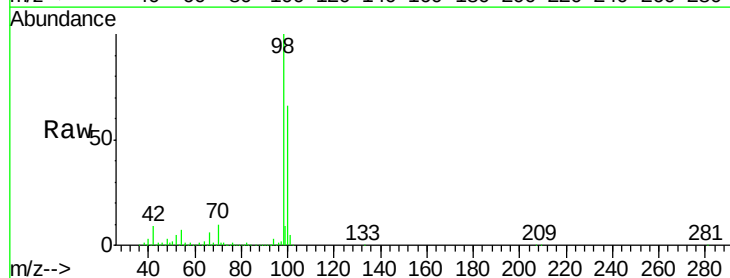
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

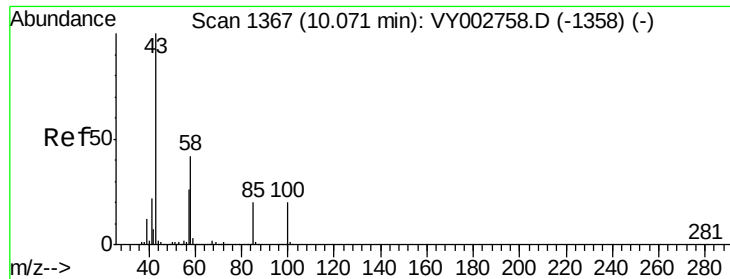
Tot Ion: 88 Resp: 24871
Ion Ratio Lower Upper
88 100
43 25.7 21.3 31.9
58 67.9 52.2 78.2



#50
Toluene-d8
Concen: 47.895 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY002931.D
Acq: 18 Jun 2020 19:58

Tgt Ion: 98 Resp: 517340
Ion Ratio Lower Upper
98 100
100 65.0 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 276.590 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VY002931.D

Acq: 18 Jun 2020 19:58

Instrument :

MSVOA_Y

ClientSampleId :

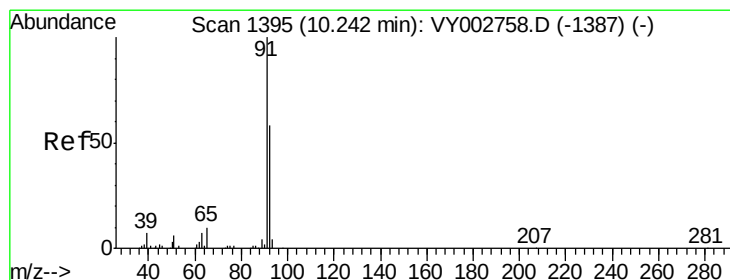
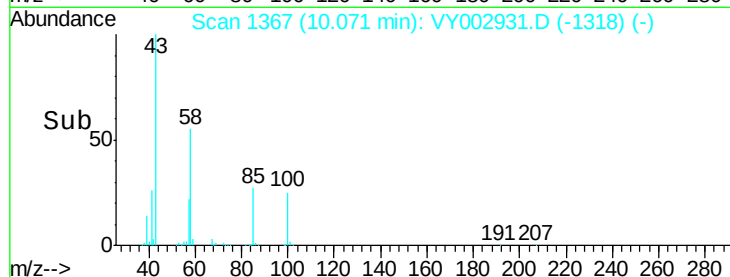
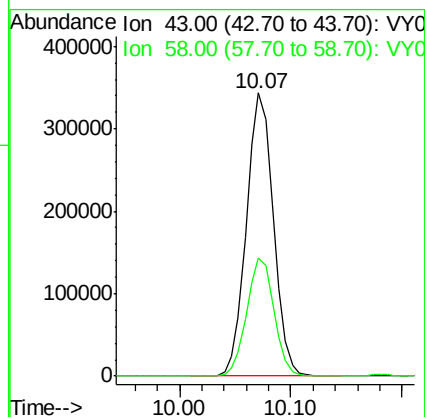
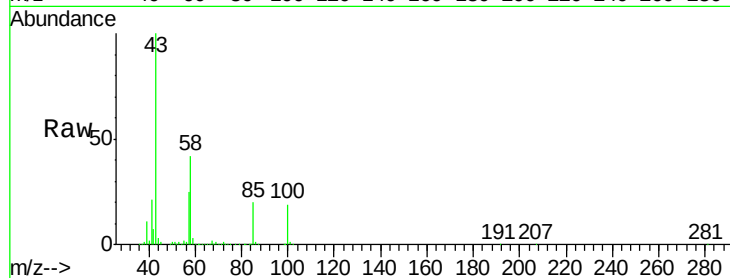
VSTDCCC050EC

Tot Ion: 43 Resp: 579852

Ion Ratio Lower Upper

43 100

58 42.2 34.2 51.2



#52

Toluene

Concen: 49.066 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. 0.00 min

Lab File: VY002931.D

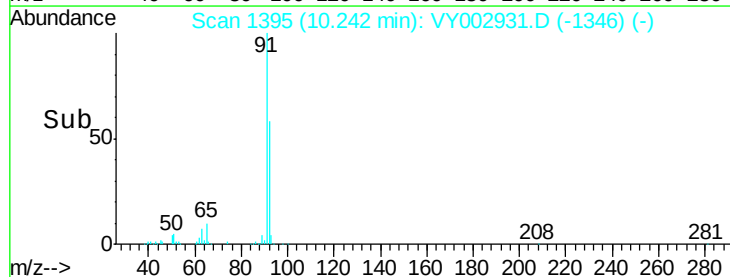
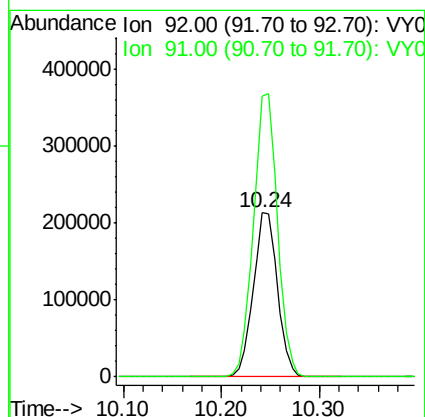
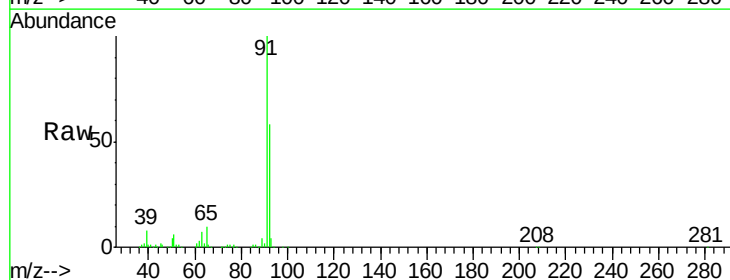
Acq: 18 Jun 2020 19:58

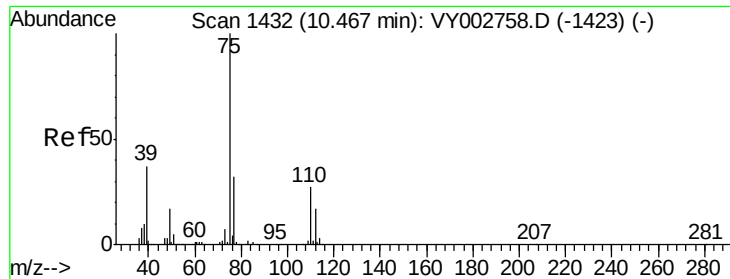
Tgt Ion: 92 Resp: 364193

Ion Ratio Lower Upper

92 100

91 172.6 138.5 207.7





#53

t-1,3-Dichloropropene

Concen: 51.395 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY002931.D

Acq: 18 Jun 2020 19:58

Instrument :

MSVOA_Y

ClientSampleId :

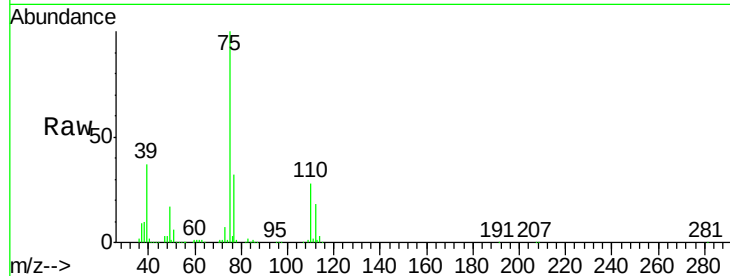
VSTDCCC050EC

Tot Ion: 75 Resp: 213853

Ion Ratio Lower Upper

75 100

77 31.7 25.3 37.9



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

10.47

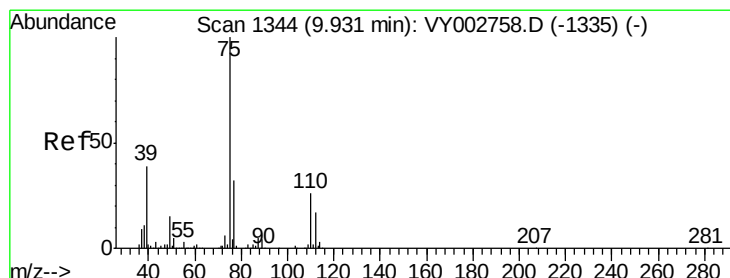
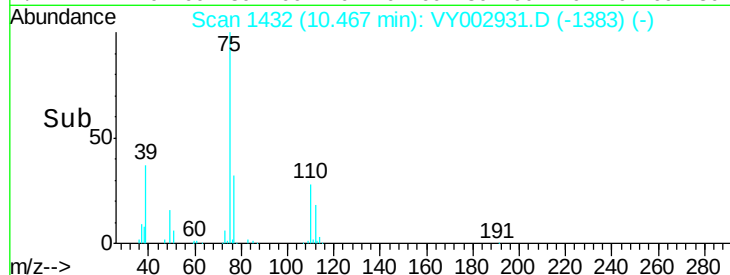
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 51.212 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY002931.D

Acq: 18 Jun 2020 19:58

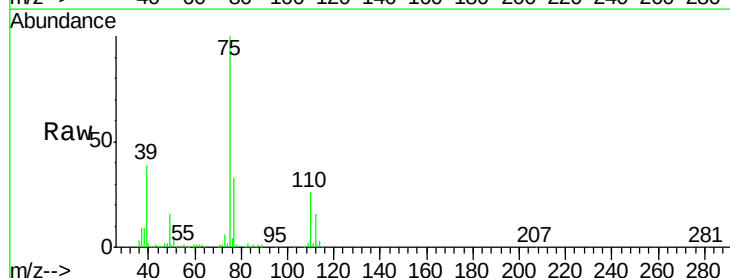
Tgt Ion: 75 Resp: 241456

Ion Ratio Lower Upper

75 100

77 32.8 25.6 38.4

39 39.3 31.3 46.9



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

9.93

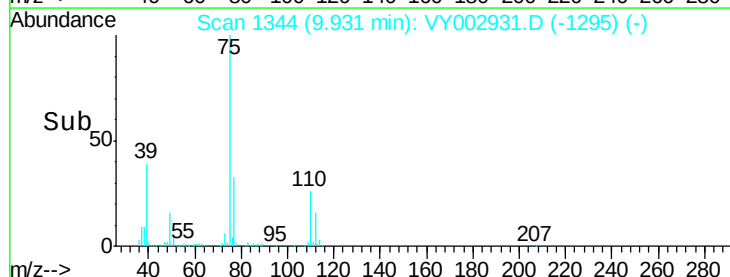
150000

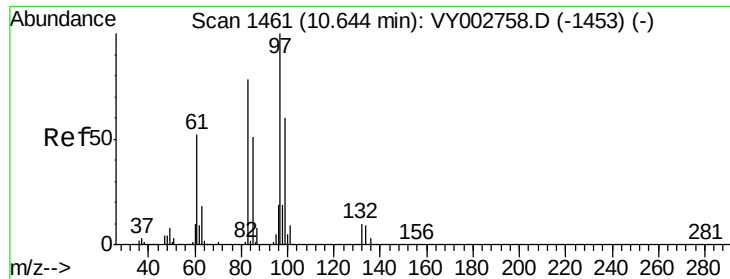
100000

50000

0

Time-->



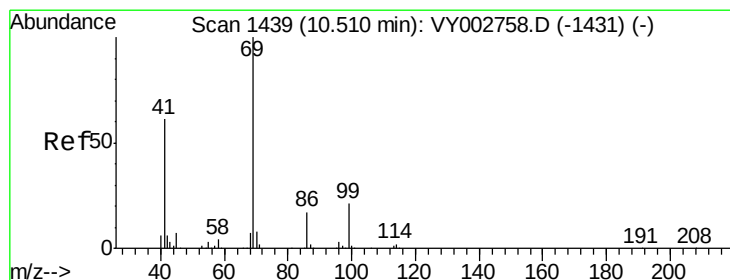
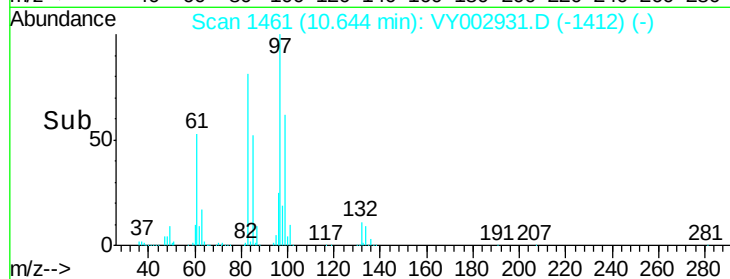
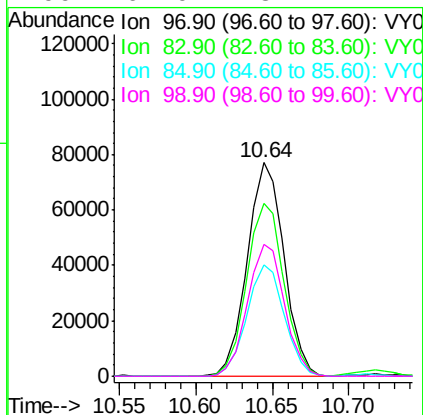
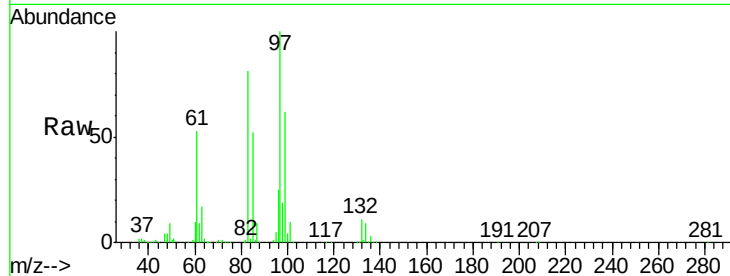


#55
 1,1,2-Trichloroethane
 Concen: 52.095 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY002931.D
 Acq: 18 Jun 2020 19:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 97 Resp: 128879

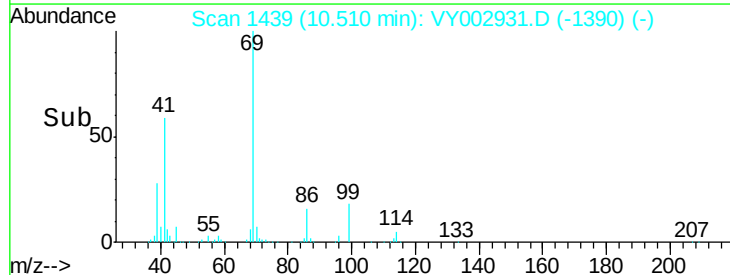
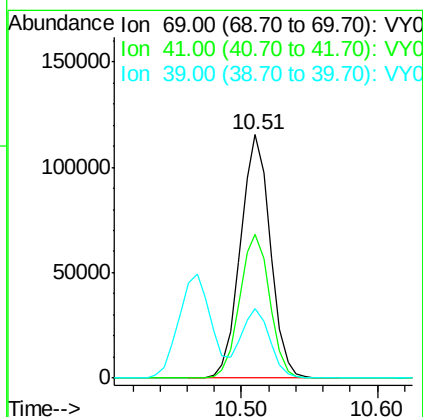
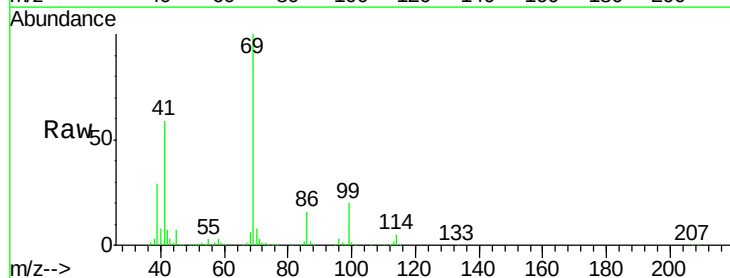
Ion	Ratio	Lower	Upper
97	100		
83	81.0	62.7	94.1
85	52.2	40.6	60.8
99	62.0	48.2	72.4

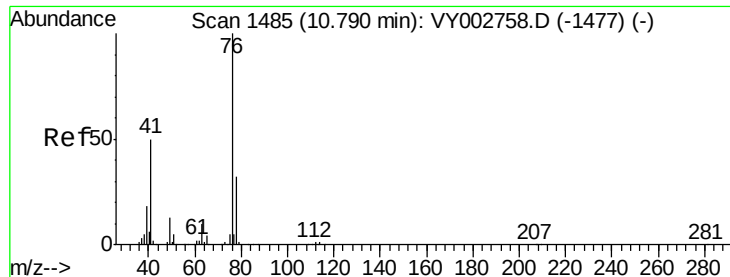


#56
 Ethyl methacrylate
 Concen: 53.288 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY002931.D
 Acq: 18 Jun 2020 19:58

Tgt Ion: 69 Resp: 176577

Ion	Ratio	Lower	Upper
69	100		
41	59.0	47.0	70.4
39	26.6	22.0	33.0





#57

1,3-Dichloropropane

Concen: 51.709 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY002931.D

Acq: 18 Jun 2020 19:58

Instrument :

MSVOA_Y

ClientSampleId :

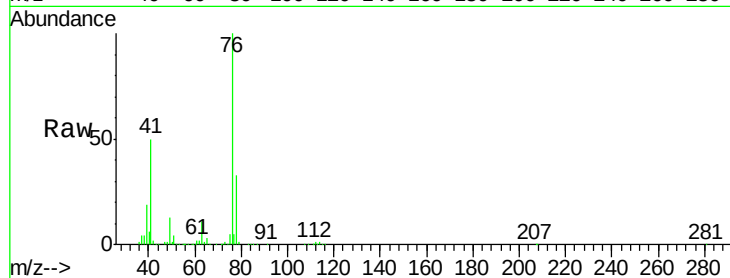
VSTDCCC050EC

Tot Ion: 76 Resp: 210410

Ion Ratio Lower Upper

76 100

78 32.6 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

10.79

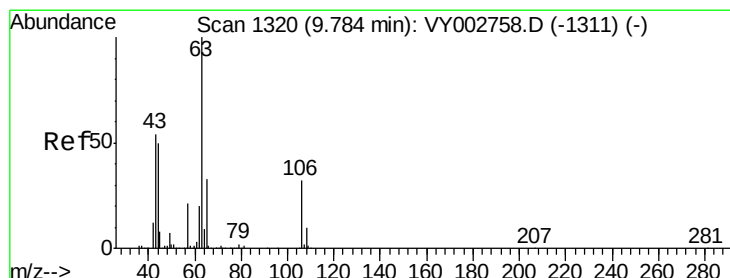
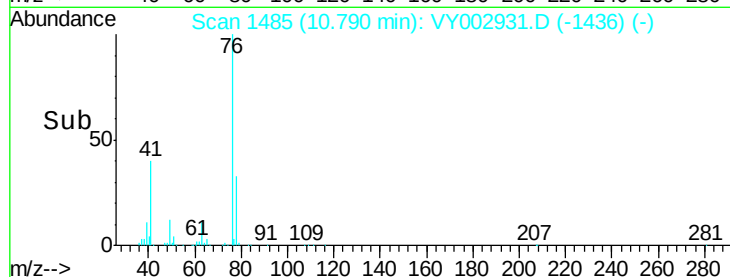
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 269.169 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY002931.D

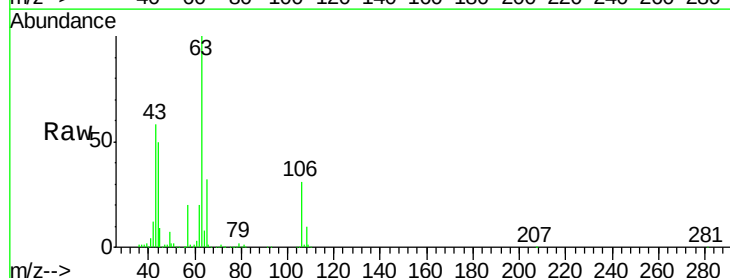
Acq: 18 Jun 2020 19:58

Tgt Ion: 63 Resp: 435819

Ion Ratio Lower Upper

63 100

106 31.4 25.4 38.2



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

9.78

300000

250000

200000

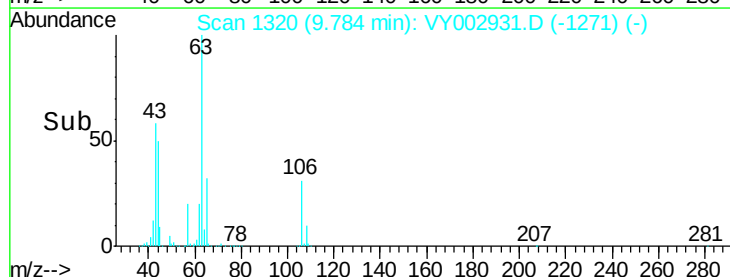
150000

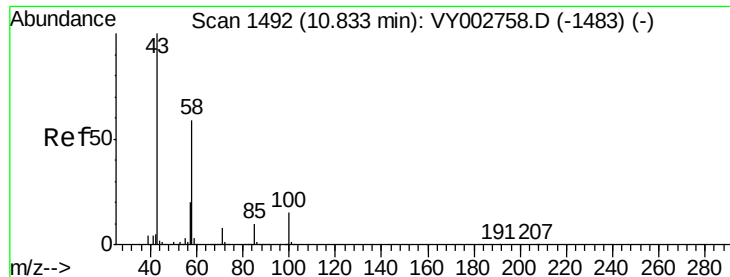
100000

50000

0

Time-->

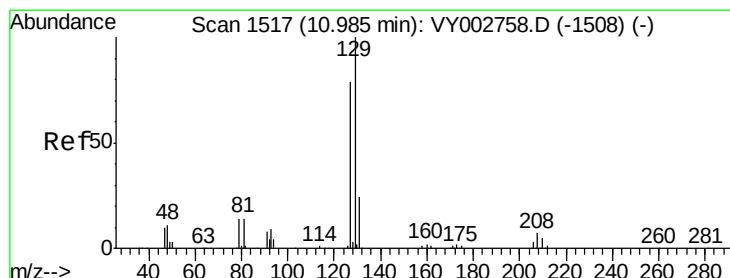
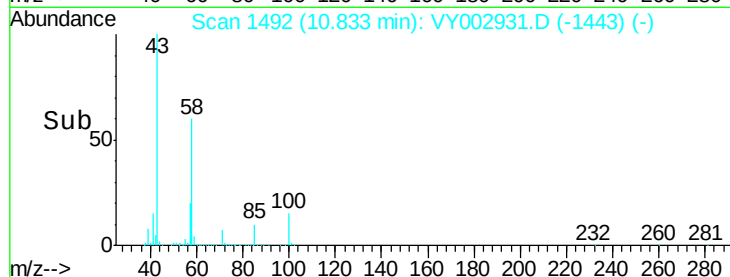
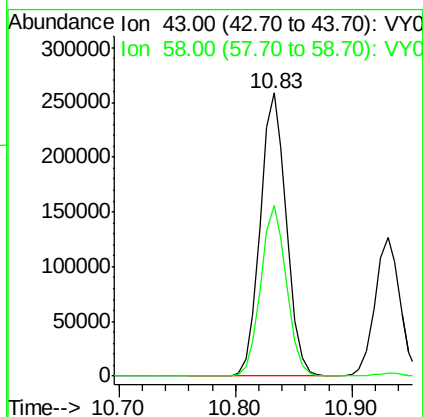
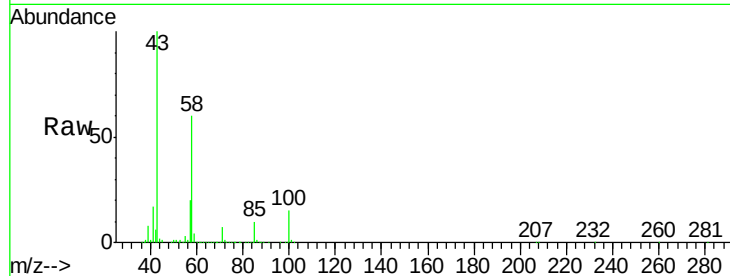




#59
2-Hexanone
Concen: 271.835 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY002931.D
Acq: 18 Jun 2020 19:58

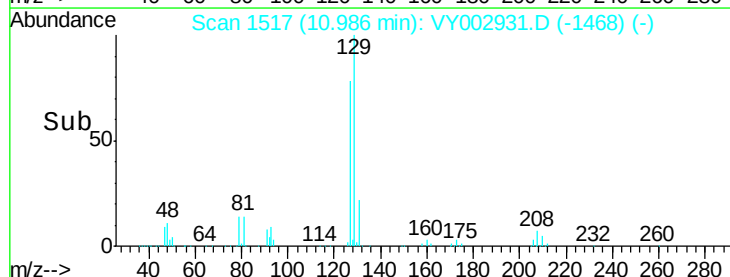
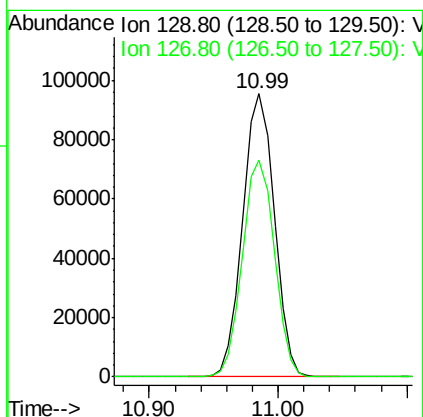
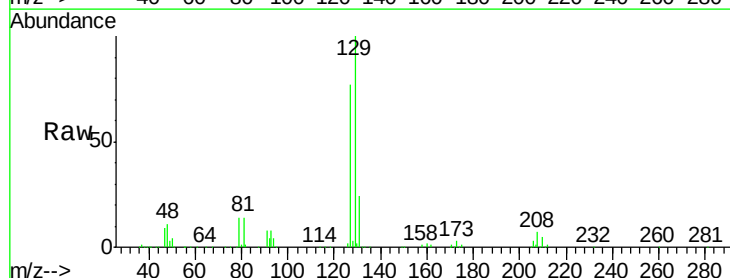
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

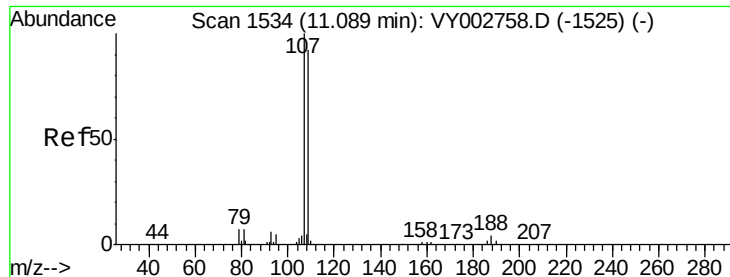
Tot Ion: 43 Resp: 404346
Ion Ratio Lower Upper
43 100
58 59.3 29.5 88.5



#60
Dibromochloromethane
Concen: 51.821 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY002931.D
Acq: 18 Jun 2020 19:58

Tgt Ion: 129 Resp: 162538
Ion Ratio Lower Upper
129 100
127 77.4 38.5 115.3





#61

1,2-Dibromoethane

Concen: 51.803 ug/l

RT: 11.09 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VY002931.D

Acq: 18 Jun 2020 19:58

Instrument :

MSVOA_Y

ClientSampleId :

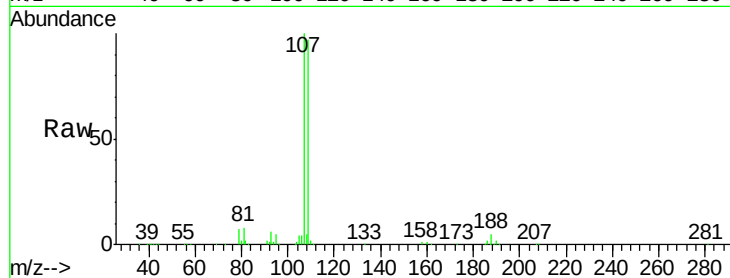
VSTDCCC050EC

Tot Ion: 107 Resp: 126422

Ion Ratio Lower Upper

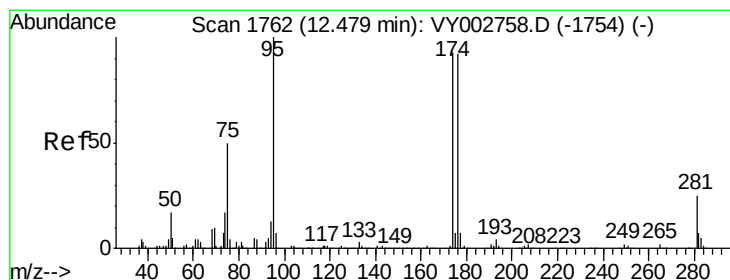
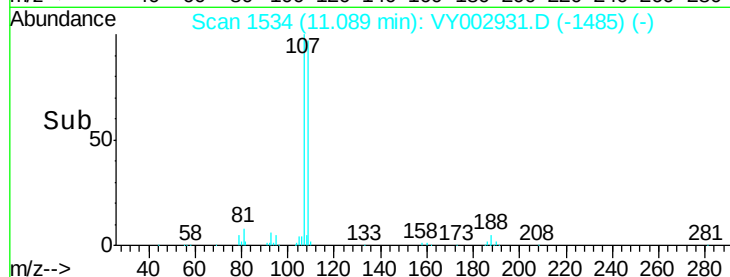
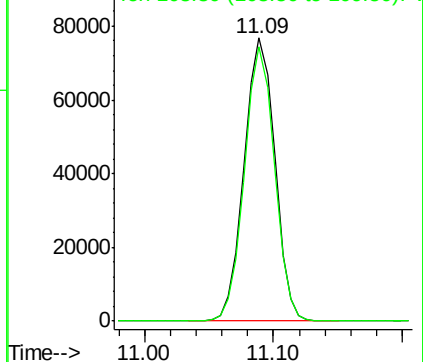
107 100

109 94.8 75.6 113.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.071 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY002931.D

Acq: 18 Jun 2020 19:58

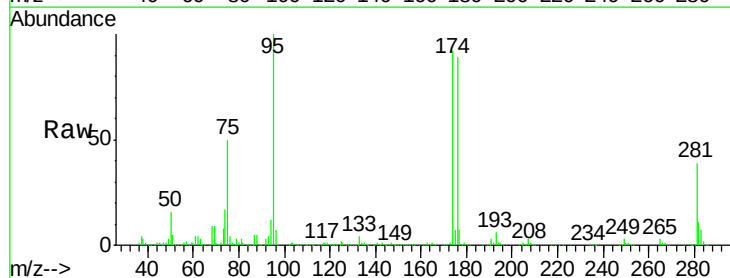
Tgt Ion: 95 Resp: 188524

Ion Ratio Lower Upper

95 100

174 94.8 0.0 191.2

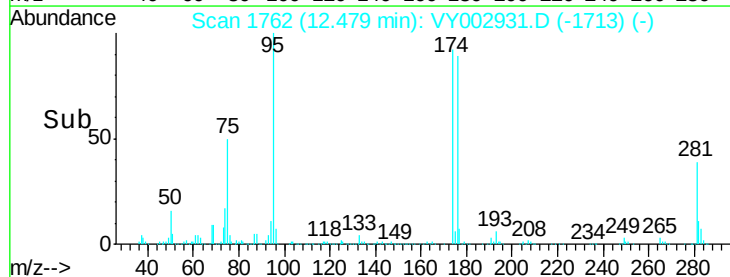
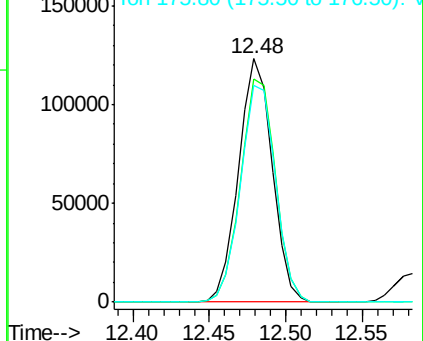
176 92.5 0.0 188.8

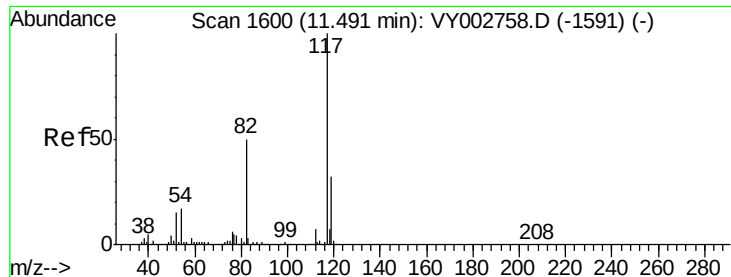


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

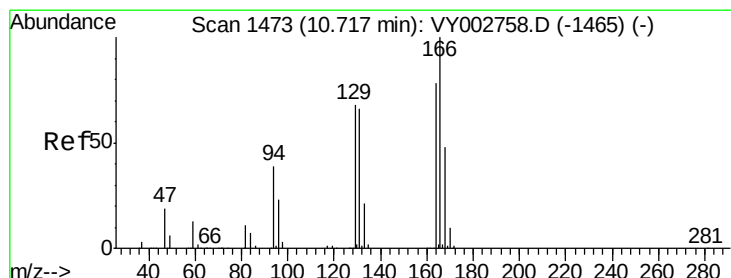
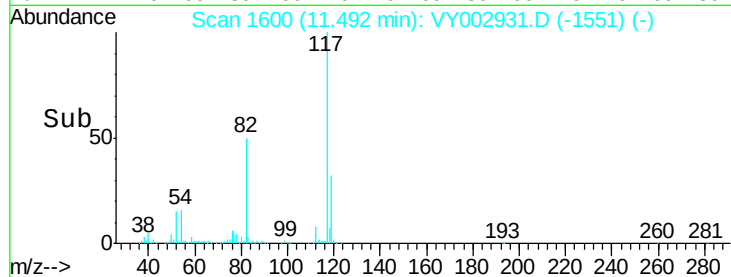
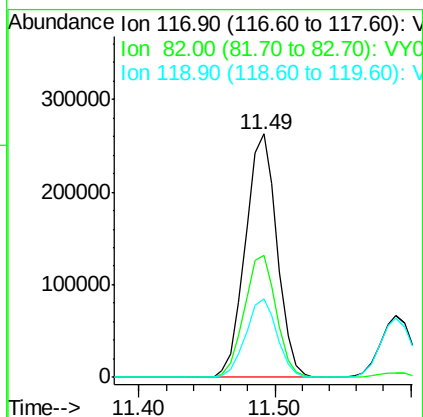
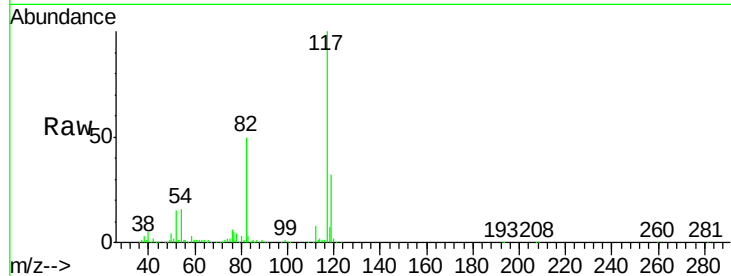




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002931.D
Acq: 18 Jun 2020 19:58

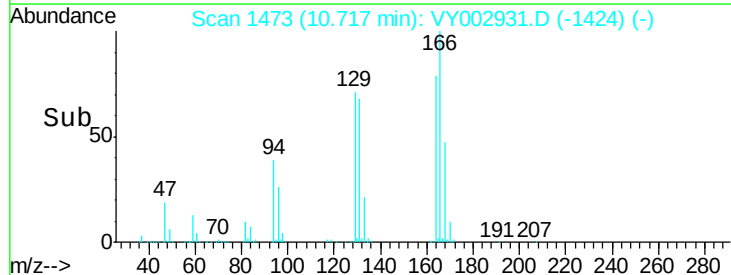
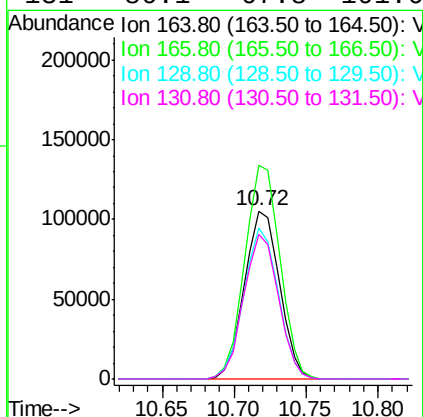
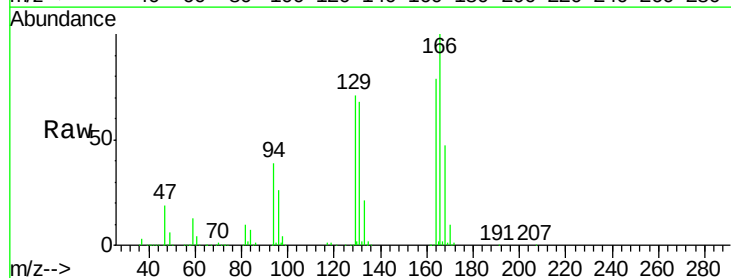
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

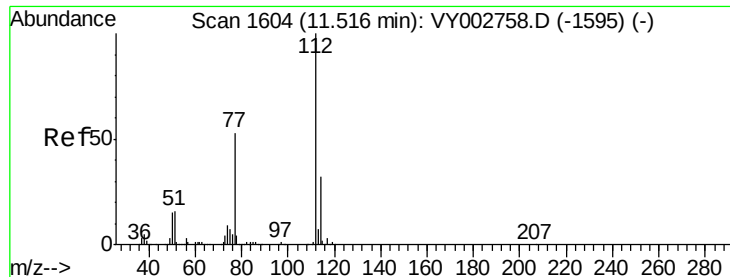
Tot Ion:117 Resp: 426207
Ion Ratio Lower Upper
117 100
82 49.9 40.2 60.4
119 32.1 25.8 38.8



#64
Tetrachloroethene
Concen: 45.888 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY002931.D
Acq: 18 Jun 2020 19:58

Tgt Ion:164 Resp: 177751
Ion Ratio Lower Upper
164 100
166 127.3 102.3 153.5
129 90.4 69.4 104.2
131 86.1 67.8 101.6

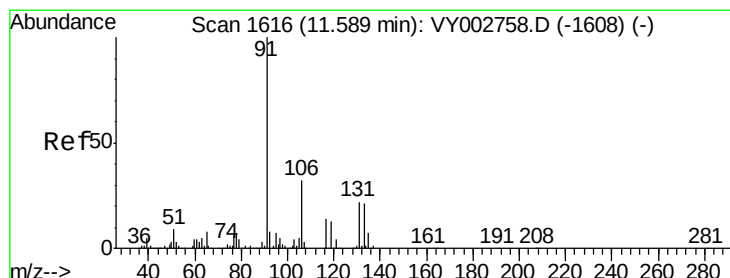
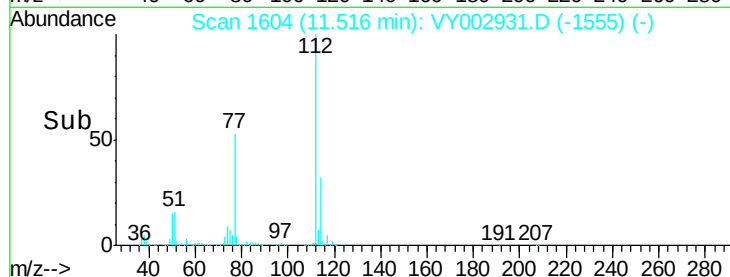
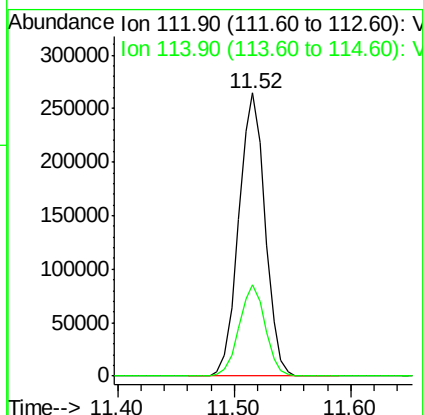
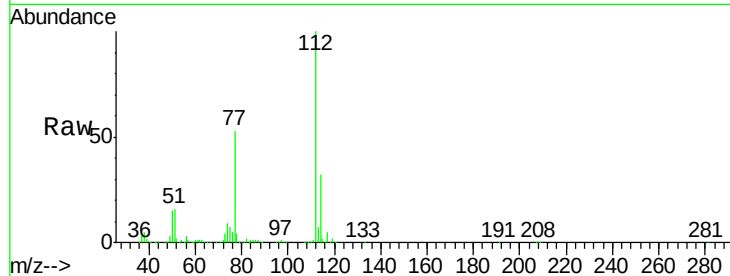




#65
Chlorobenzene
Concen: 49.421 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY002931.D
Acq: 18 Jun 2020 19:58

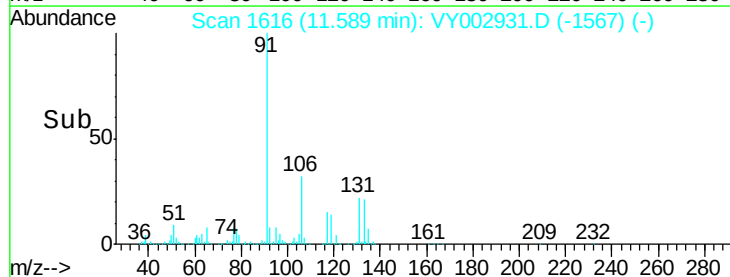
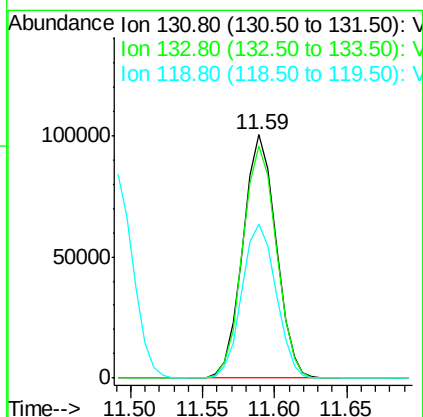
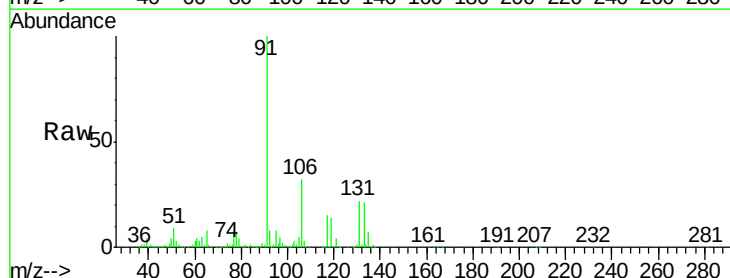
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

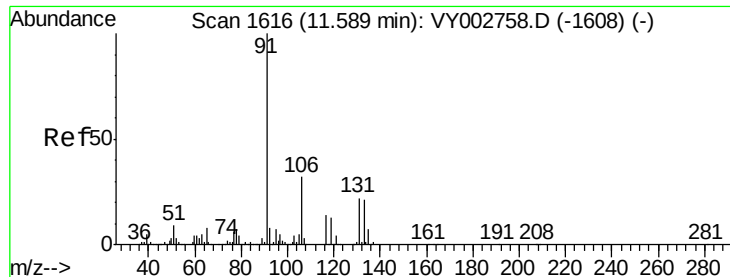
Tot Ion:112 Resp: 416321
Ion Ratio Lower Upper
112 100
114 32.4 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 50.589 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY002931.D
Acq: 18 Jun 2020 19:58

Tgt Ion:131 Resp: 160502
Ion Ratio Lower Upper
131 100
133 96.7 47.6 142.8
119 65.1 31.7 95.1





#67

Ethyl Benzene

Concen: 48.737 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY002931.D

Acq: 18 Jun 2020 19:58

Instrument :

MSVOA_Y

ClientSampleId :

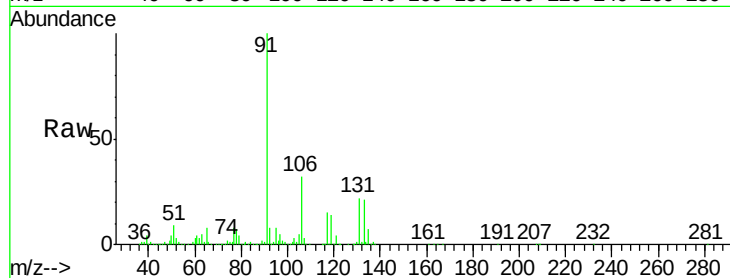
VSTDCCC050EC

Tot Ion: 91 Resp: 711760

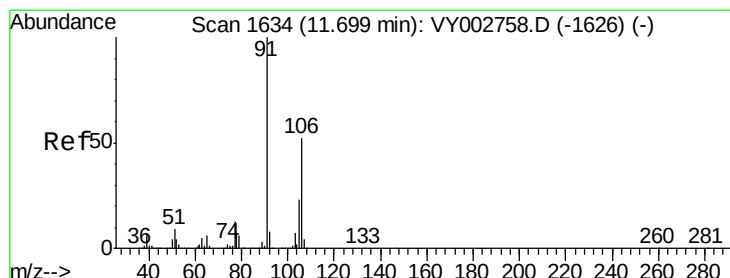
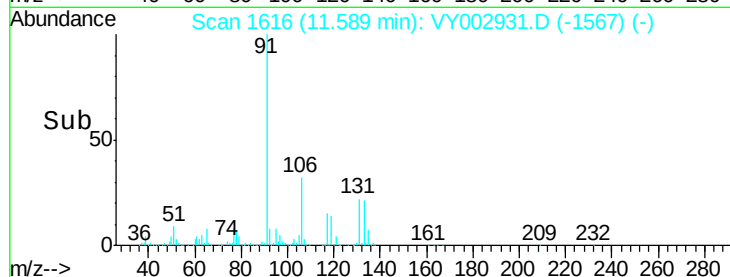
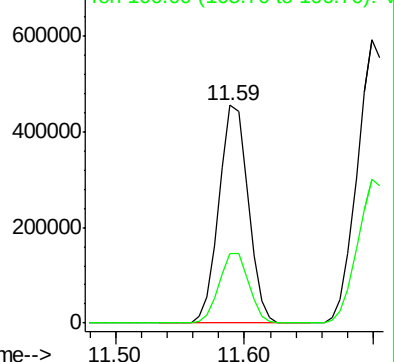
Ion Ratio Lower Upper

91 100

106 31.9 25.7 38.5



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



#68

m/p-Xylenes

Concen: 96.570 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VY002931.D

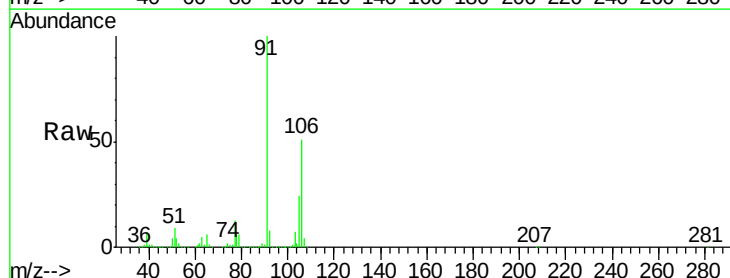
Acq: 18 Jun 2020 19:58

Tgt Ion: 106 Resp: 546800

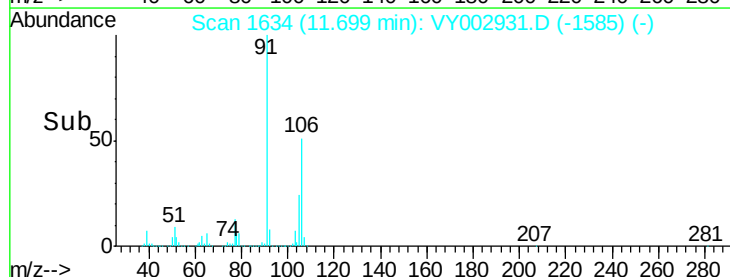
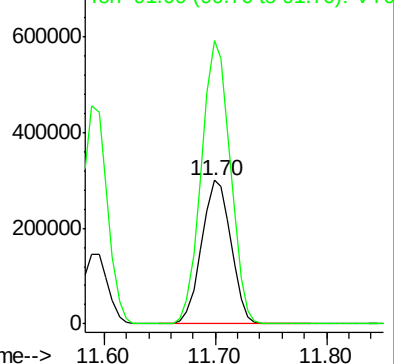
Ion Ratio Lower Upper

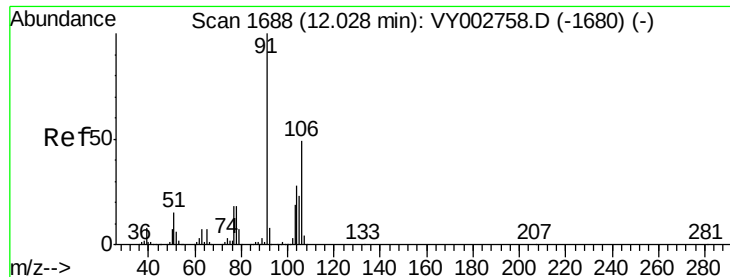
106 100

91 194.3 156.0 234.0



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

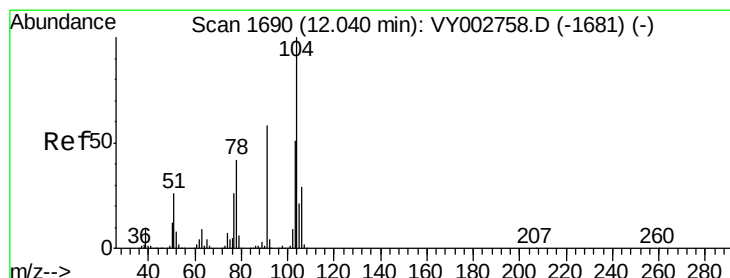
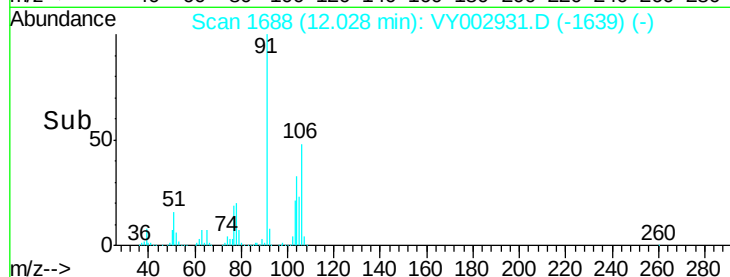
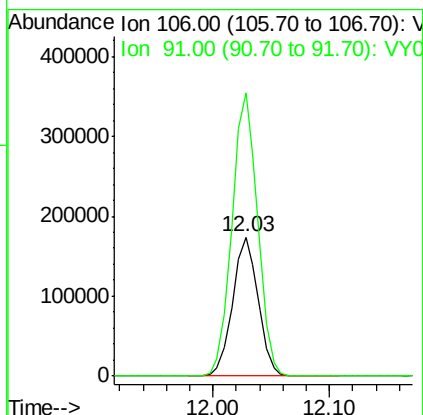
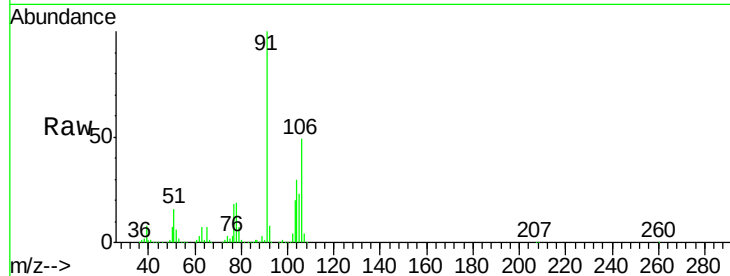




#69
o-Xylene
Concen: 49.439 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY002931.D
Acq: 18 Jun 2020 19:58

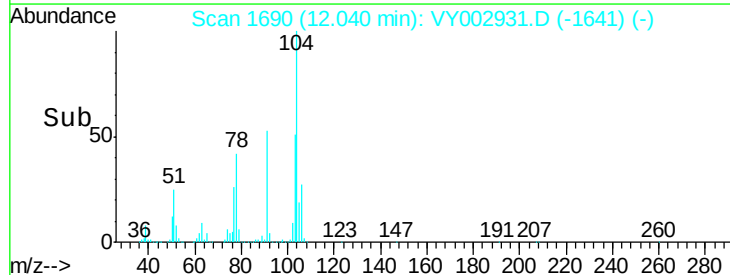
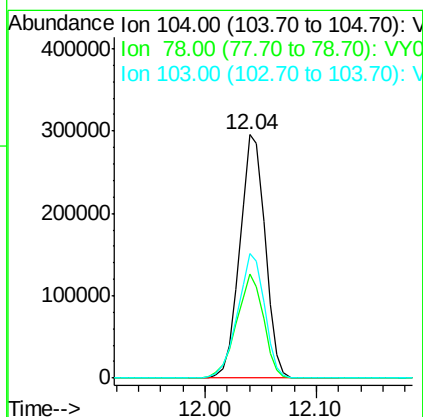
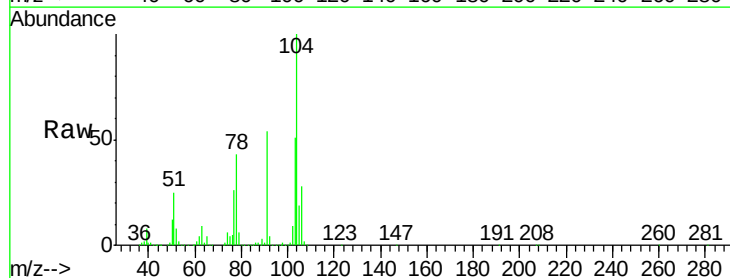
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

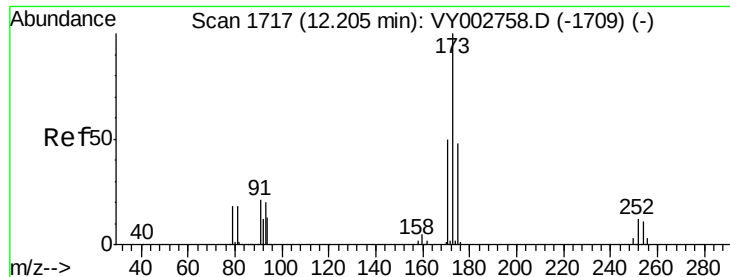
Tot Ion:106 Resp: 264267
Ion Ratio Lower Upper
106 100
91 204.8 102.4 307.1



#70
Styrene
Concen: 50.148 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY002931.D
Acq: 18 Jun 2020 19:58

Tgt Ion:104 Resp: 464688
Ion Ratio Lower Upper
104 100
78 45.5 36.2 54.4
103 54.5 43.6 65.4

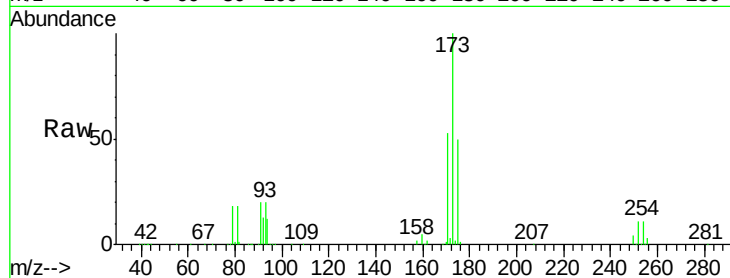




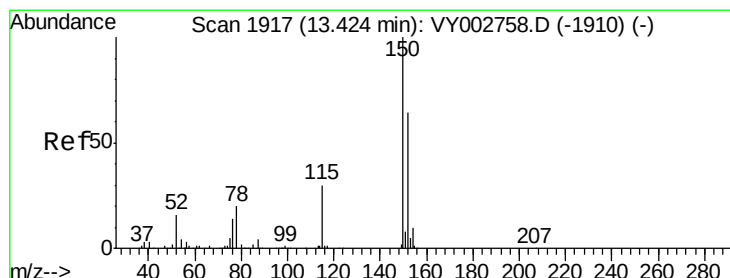
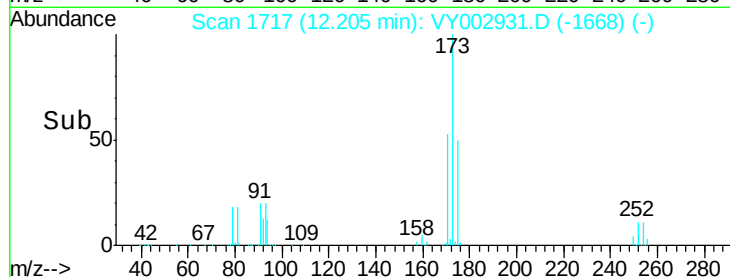
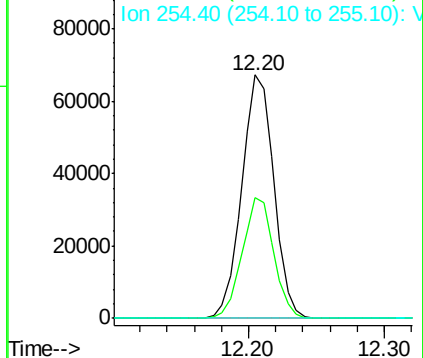
#71
Bromoform
Concen: 52.159 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VY002931.D
Acq: 18 Jun 2020 19:58

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:173 Resp: 110728
Ion Ratio Lower Upper
173 100
175 48.7 24.3 72.8
254 0.1 0.1 0.1

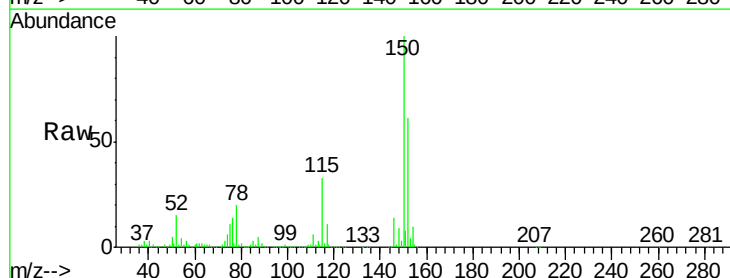


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

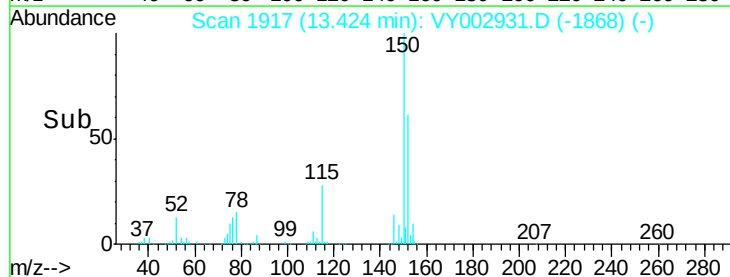
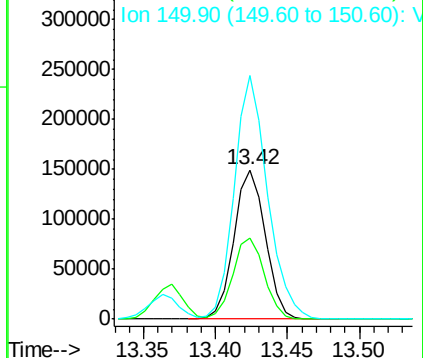


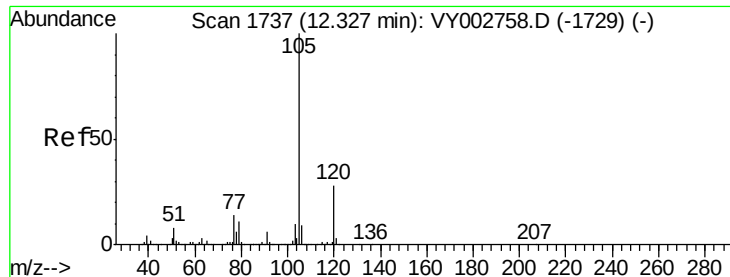
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY002931.D
Acq: 18 Jun 2020 19:58

Tgt Ion:152 Resp: 227641
Ion Ratio Lower Upper
152 100
115 54.3 27.0 81.0
150 172.1 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: 48.836 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY002931.D

Acq: 18 Jun 2020 19:58

Instrument :

MSVOA_Y

ClientSampleId :

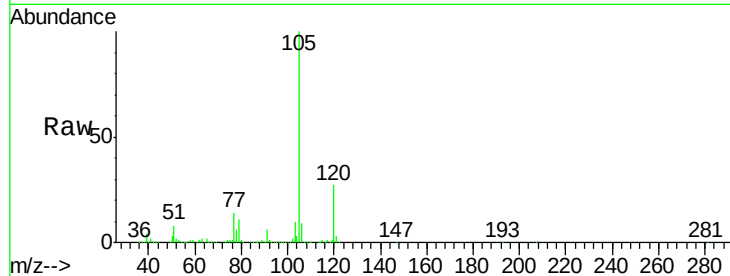
VSTDCCC050EC

Tot Ion:105 Resp: 712427

Ion Ratio Lower Upper

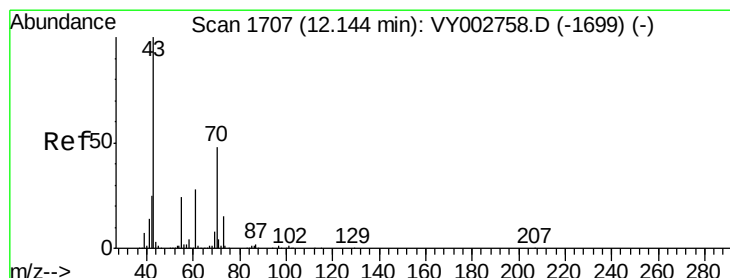
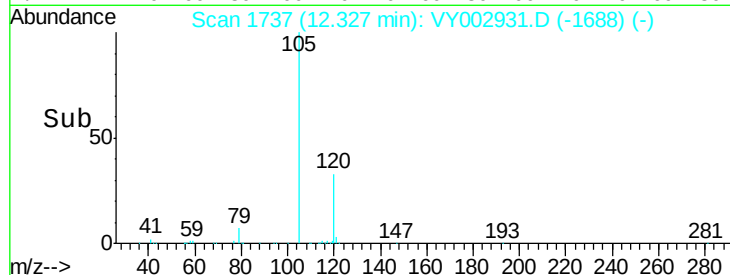
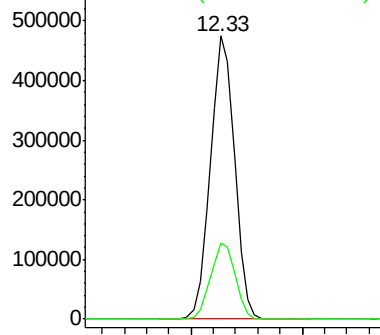
105 100

120 27.5 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 53.353 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY002931.D

Acq: 18 Jun 2020 19:58

Tgt Ion: 43 Resp: 199705

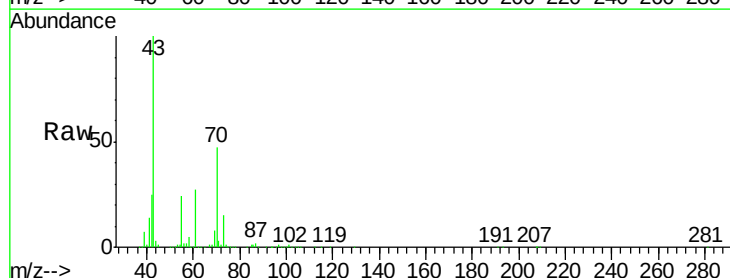
Ion Ratio Lower Upper

43 100

70 47.9 37.7 56.5

55 24.8 19.8 29.6

61 26.8 21.7 32.5

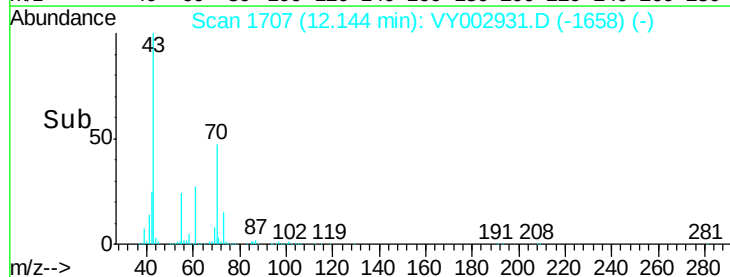
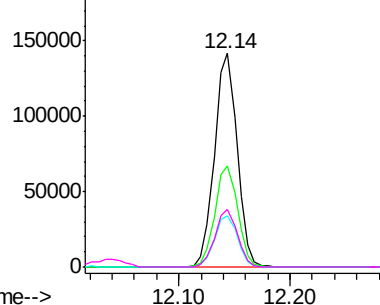


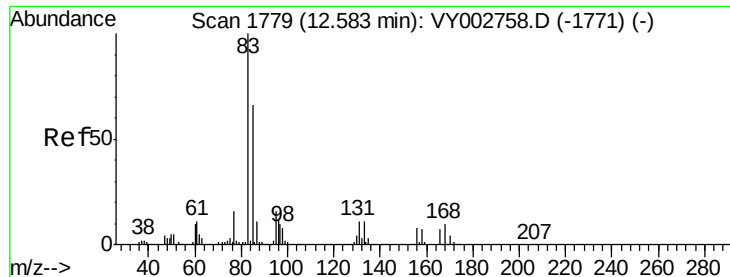
Abundance Ion 43.00 (42.70 to 43.70): VY0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 55.355 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY002931.D

Acq: 18 Jun 2020 19:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

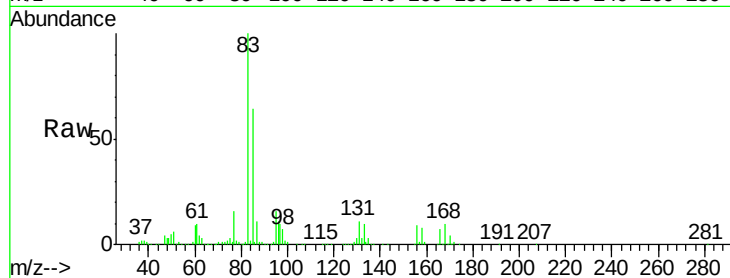
Tot Ion: 83 Resp: 141686

Ion Ratio Lower Upper

83 100

131 11.7 5.8 17.4

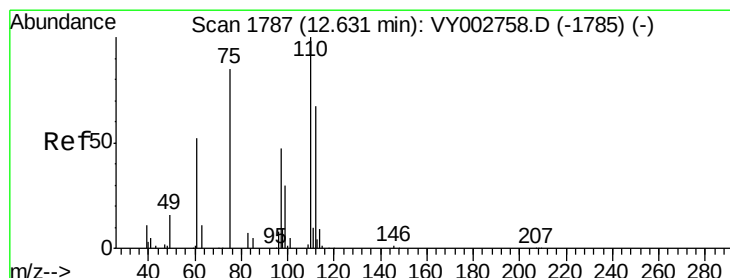
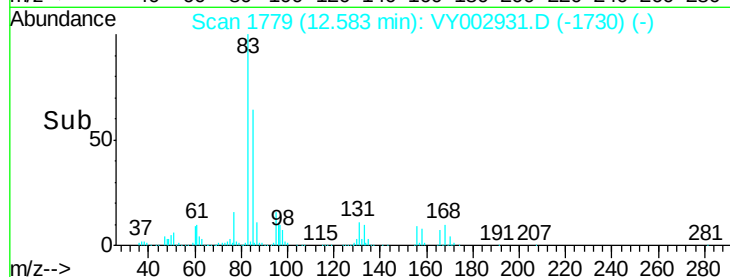
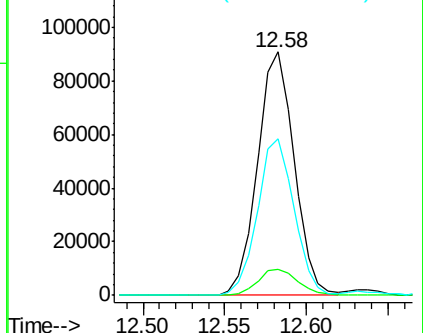
85 64.3 32.6 98.0



Abundance Ion 82.90 (82.60 to 83.60): VY002931.D (-1730) (-)

Ion 130.80 (130.50 to 131.50): VY002931.D (-1730) (-)

Ion 84.90 (84.60 to 85.60): VY002931.D (-1730) (-)



#76

1,2,3-Trichloropropane

Concen: 97.417 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY002931.D

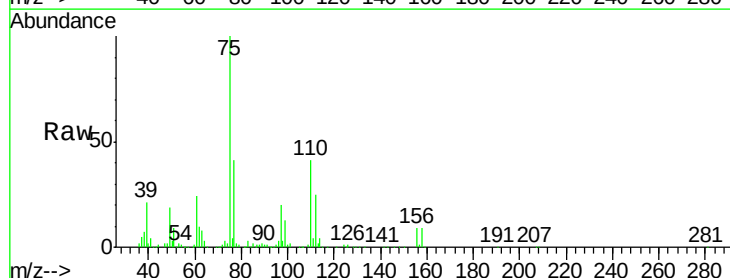
Acq: 18 Jun 2020 19:58

Tgt Ion: 75 Resp: 199822

Ion Ratio Lower Upper

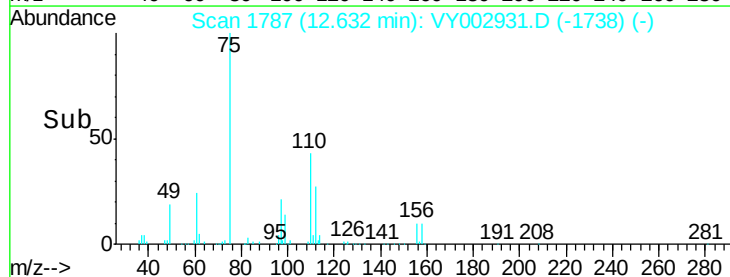
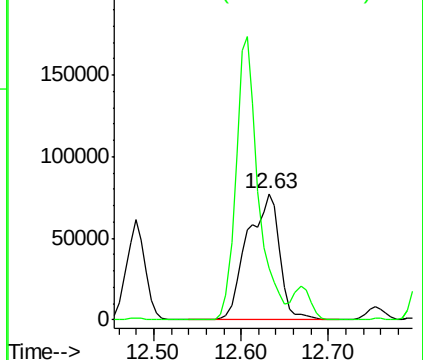
75 100

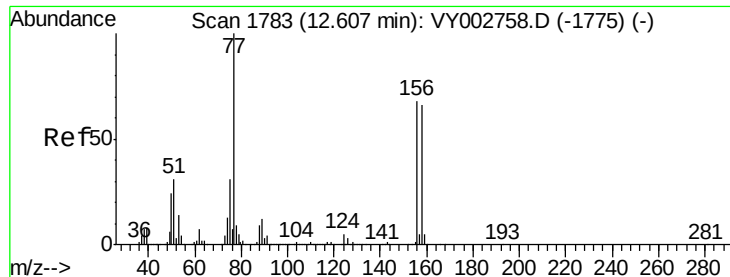
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY002931.D (-1738) (-)

Ion 77.00 (76.70 to 77.70): VY002931.D (-1738) (-)





#77

Bromobenzene

Concen: 49.047 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY002931.D

Acq: 18 Jun 2020 19:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

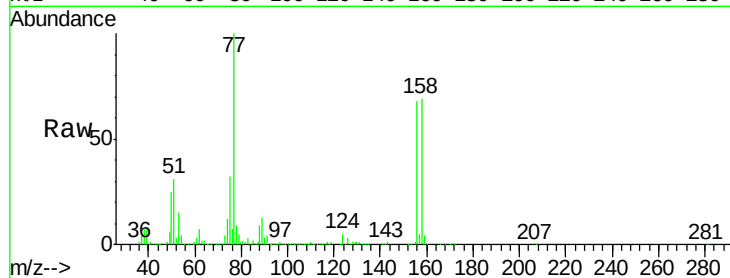
Tot Ion:156 Resp: 186309

Ion Ratio Lower Upper

156 100

77 165.3 81.4 244.2

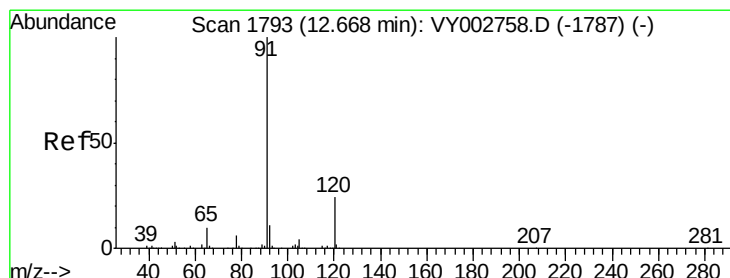
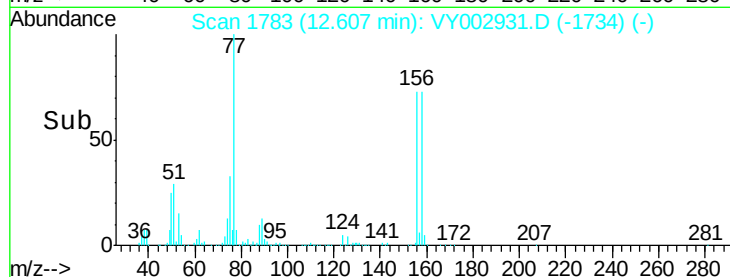
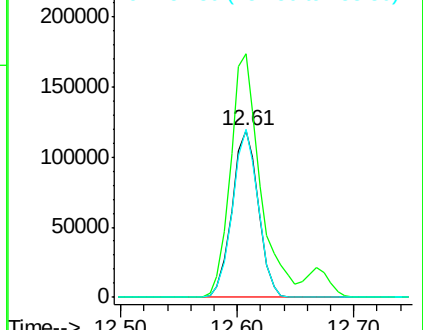
158 98.3 48.5 145.6



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: 48.599 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY002931.D

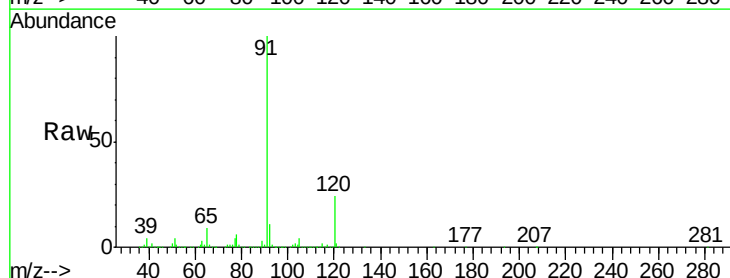
Acq: 18 Jun 2020 19:58

Tgt Ion: 91 Resp: 818941

Ion Ratio Lower Upper

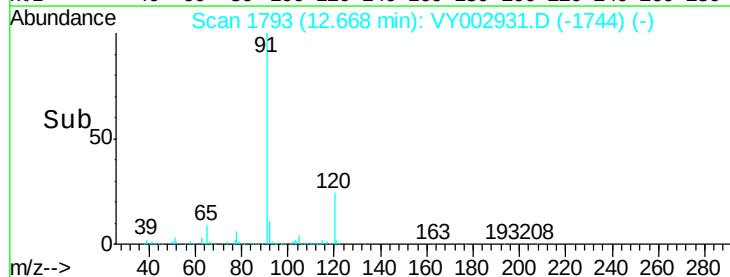
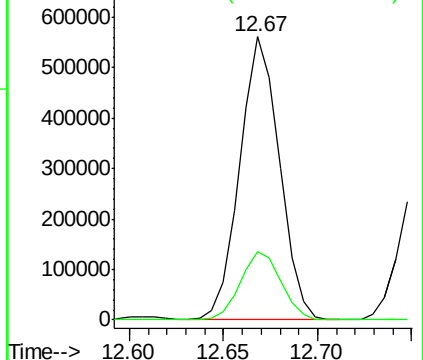
91 100

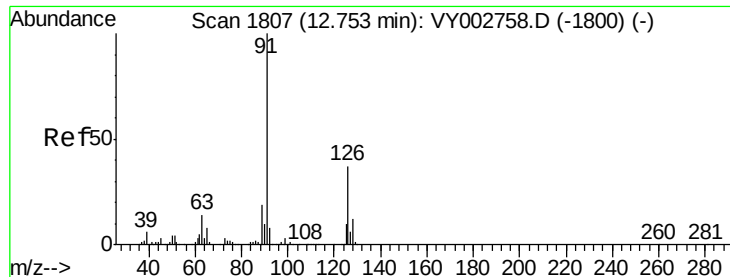
120 24.6 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

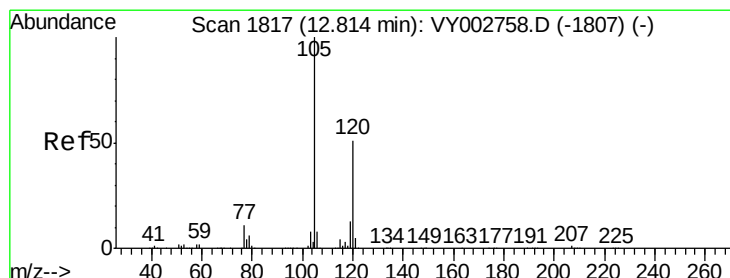
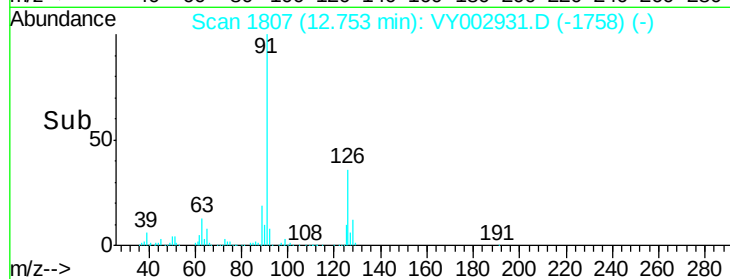
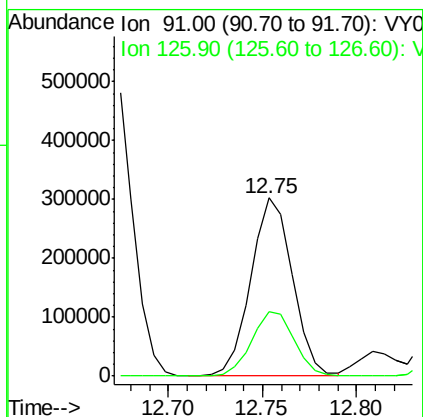
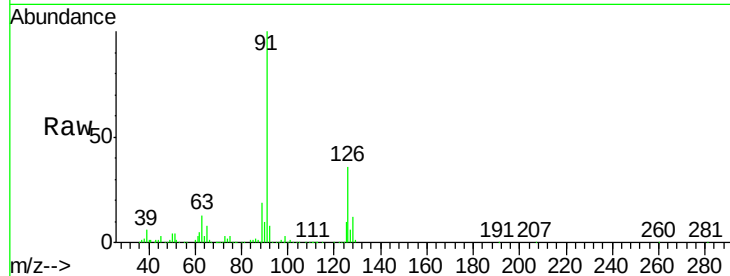




#79
 2-Chlorotoluene
 Concen: 49.126 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VY002931.D
 Acq: 18 Jun 2020 19:58

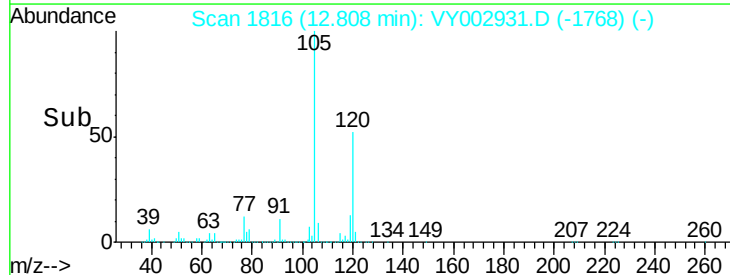
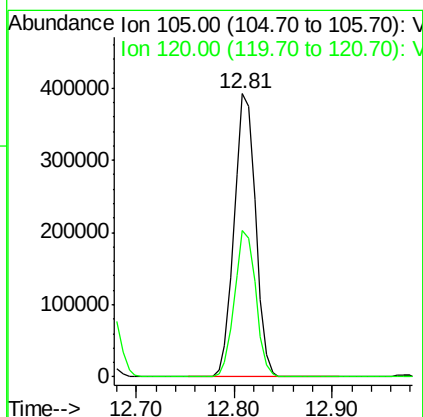
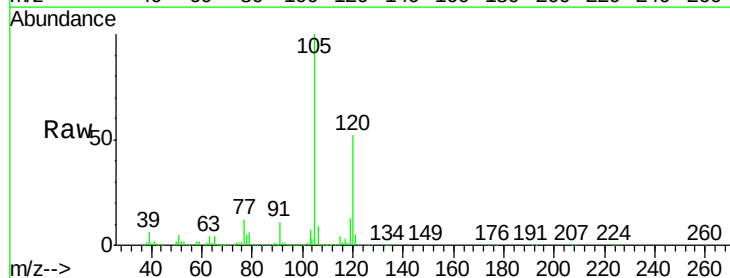
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

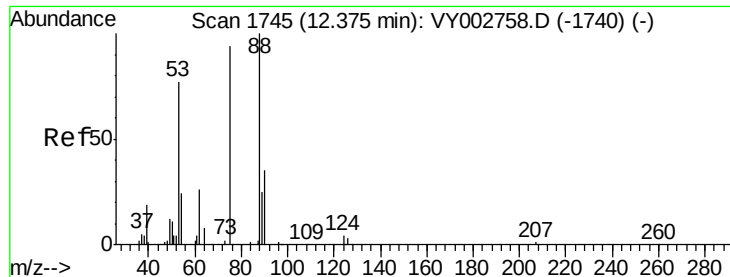
Tot Ion: 91 Resp: 464367
 Ion Ratio Lower Upper
 91 100
 126 36.7 18.4 55.4



#80
 1,3,5-Trimethylbenzene
 Concen: 48.942 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. -0.01 min
 Lab File: VY002931.D
 Acq: 18 Jun 2020 19:58

Tgt Ion: 105 Resp: 596138
 Ion Ratio Lower Upper
 105 100
 120 51.2 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 51.983 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY002931.D

Acq: 18 Jun 2020 19:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

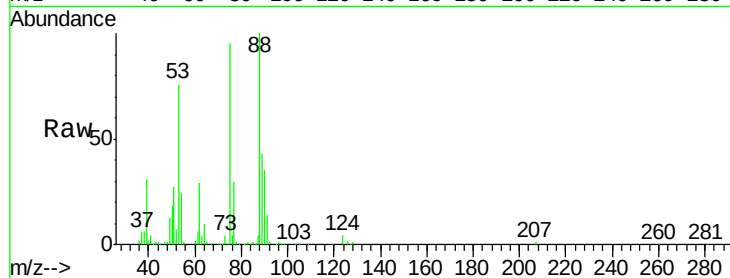
Tot Ion: 75 Resp: 56596

Ion Ratio Lower Upper

75 100

53 79.1 64.0 96.0

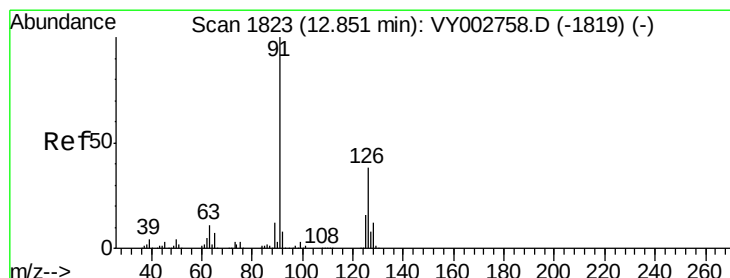
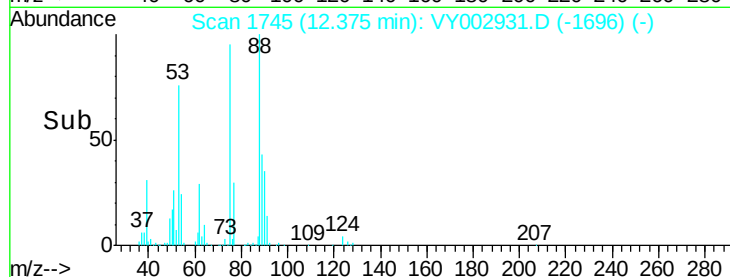
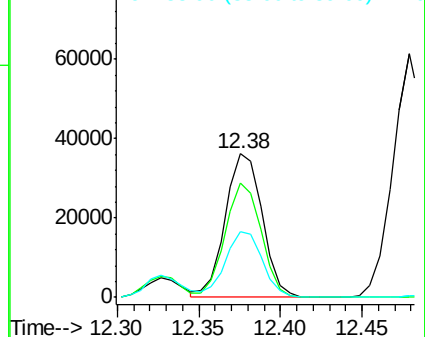
89 46.1 37.4 56.2



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: 48.952 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY002931.D

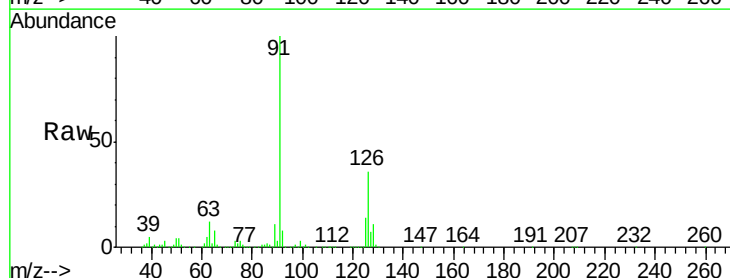
Acq: 18 Jun 2020 19:58

Tgt Ion: 91 Resp: 484796

Ion Ratio Lower Upper

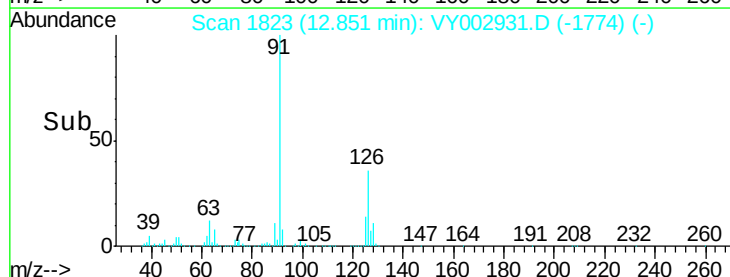
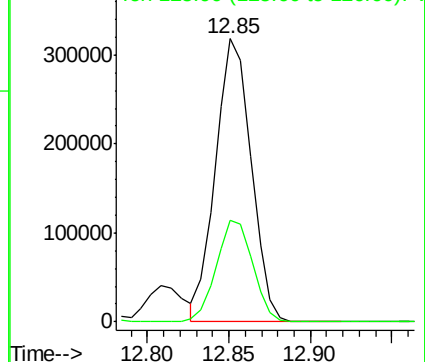
91 100

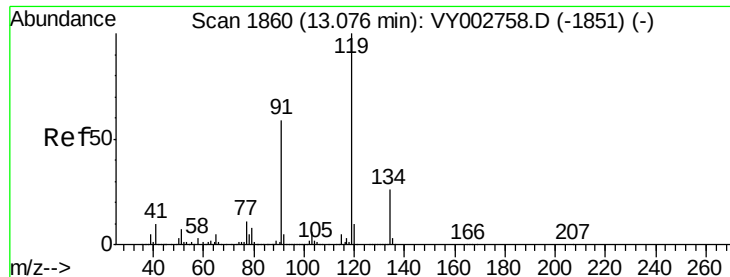
126 36.8 18.5 55.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 49.425 ug/l

RT: 13.08 min Scan# 1860

Delta R.T. 0.00 min

Lab File: VY002931.D

Acq: 18 Jun 2020 19:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

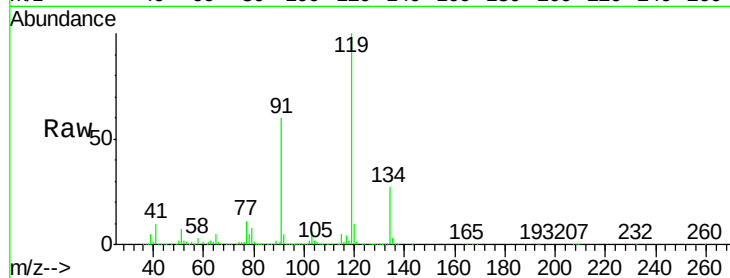
Tot Ion:119 Resp: 537008

Ion Ratio Lower Upper

119 100

91 59.8 29.8 89.4

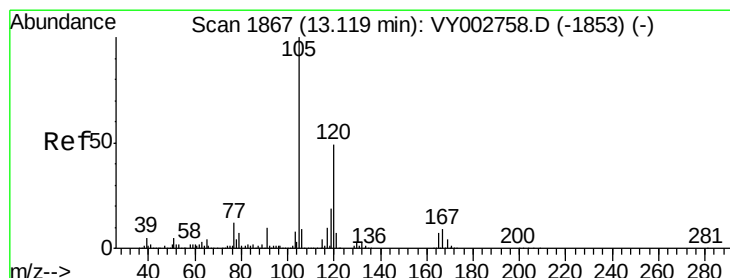
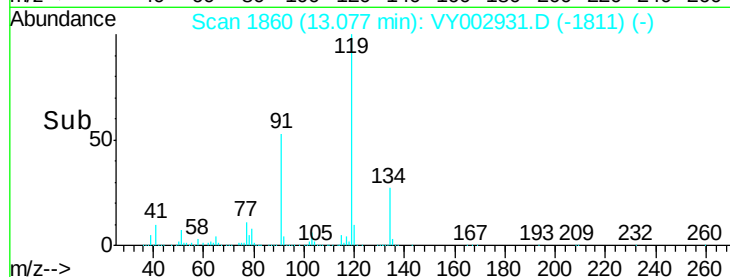
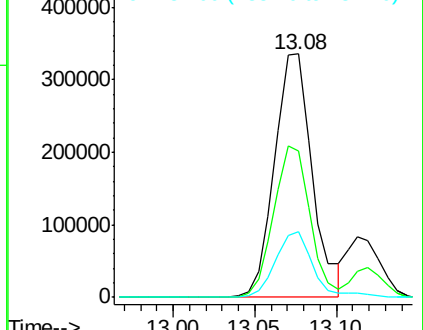
134 26.8 13.3 39.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 48.821 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VY002931.D

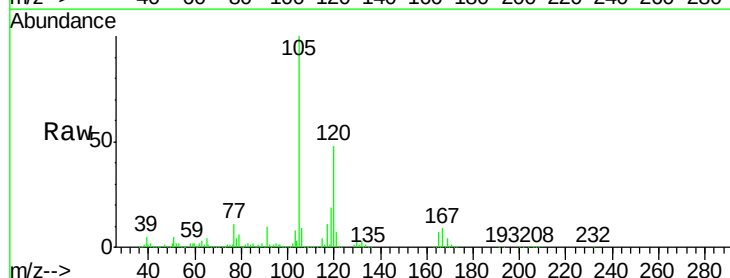
Acq: 18 Jun 2020 19:58

Tgt Ion:105 Resp: 597937

Ion Ratio Lower Upper

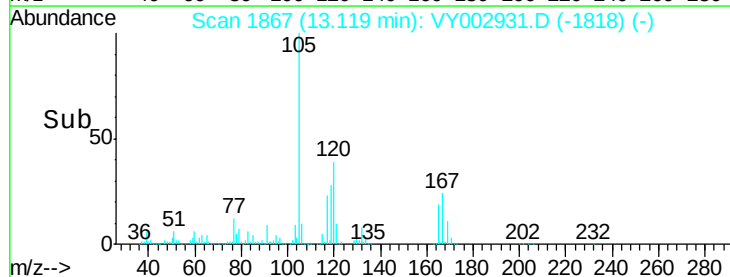
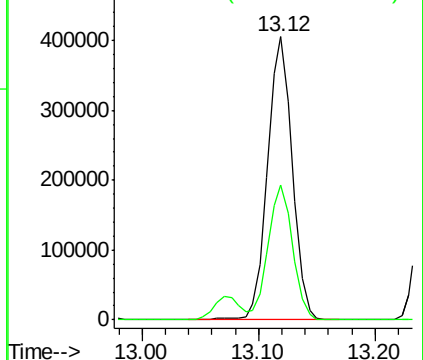
105 100

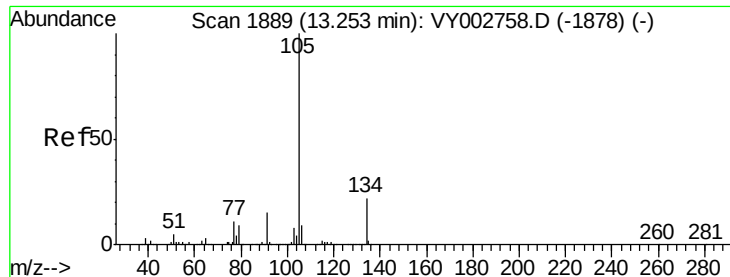
120 47.5 23.6 70.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 48.349 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY002931.D

Acq: 18 Jun 2020 19:58

Instrument :

MSVOA_Y

ClientSampleId :

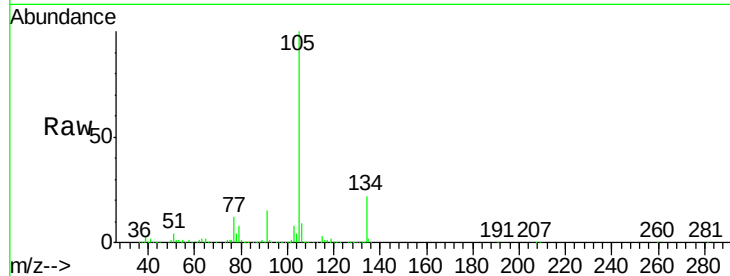
VSTDCCC050EC

Tot Ion:105 Resp: 718278

Ion Ratio Lower Upper

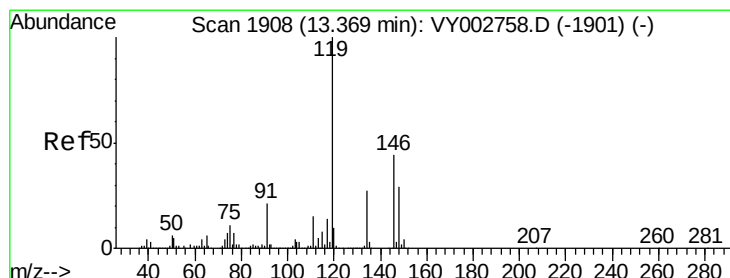
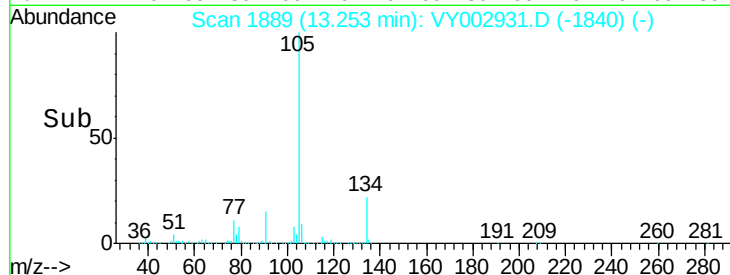
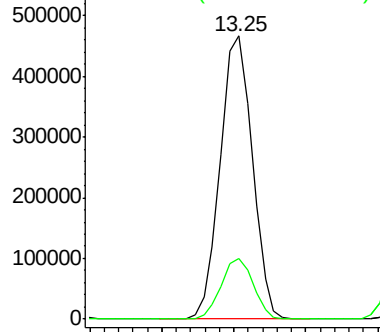
105 100

134 21.5 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.127 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY002931.D

Acq: 18 Jun 2020 19:58

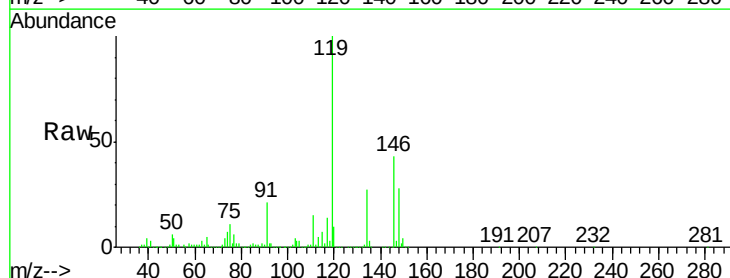
Tgt Ion:119 Resp: 679105

Ion Ratio Lower Upper

119 100

134 26.8 13.7 41.0

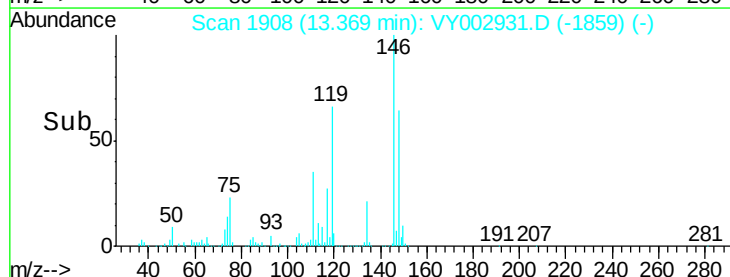
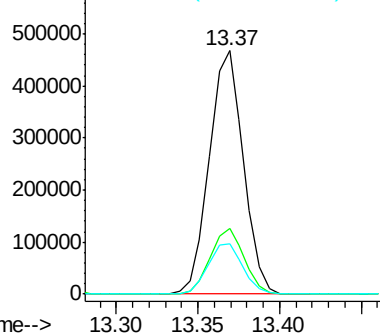
91 21.3 10.8 32.4

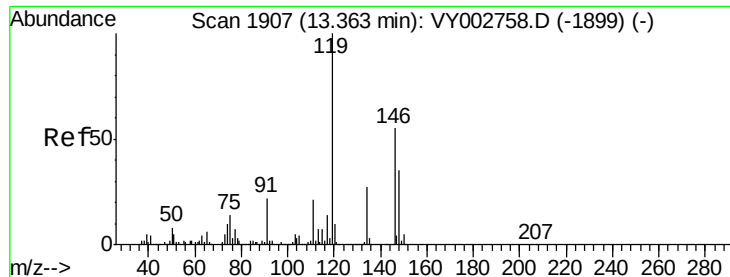


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 49.369 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

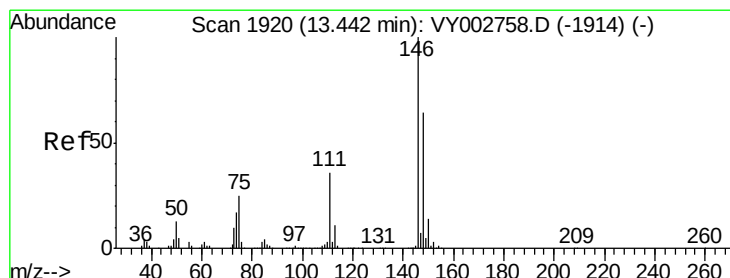
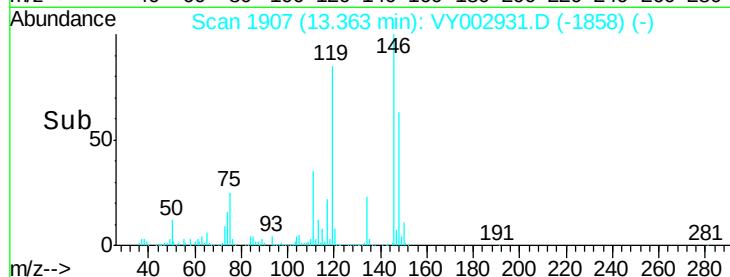
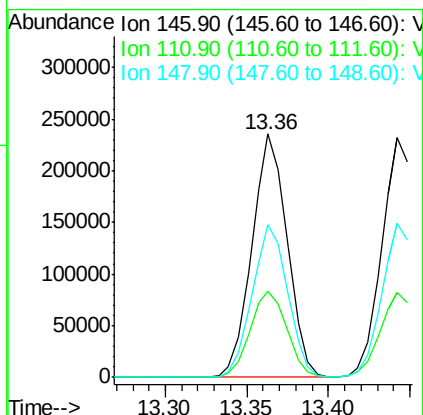
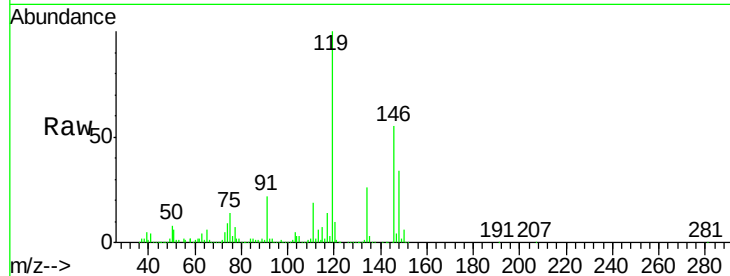
Lab File: VY002931.D

Acq: 18 Jun 2020 19:58

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:146 Resp: 355224

Ion	Ratio	Lower	Upper
146	100		
111	36.4	18.4	55.0
148	63.0	31.9	95.7



#88

1,4-Dichlorobenzene

Concen: 48.716 ug/l

RT: 13.44 min Scan# 1920

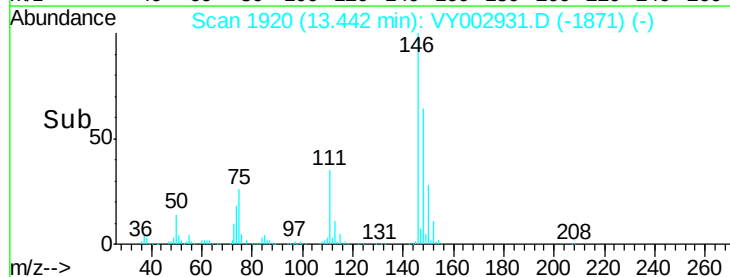
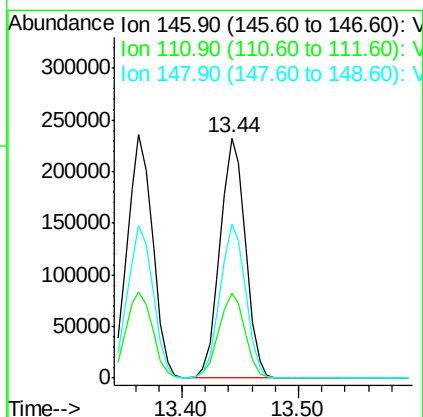
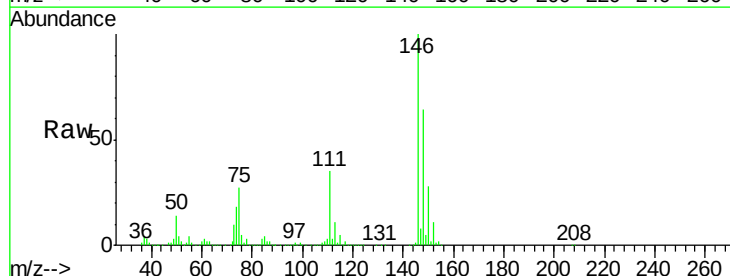
Delta R.T. 0.00 min

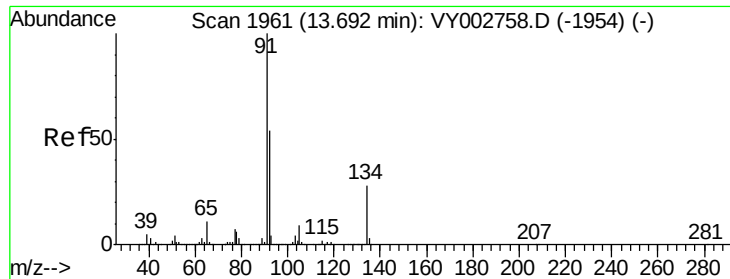
Lab File: VY002931.D

Acq: 18 Jun 2020 19:58

Tgt Ion:146 Resp: 350642

Ion	Ratio	Lower	Upper
146	100		
111	36.1	18.1	54.3
148	64.4	32.1	96.3

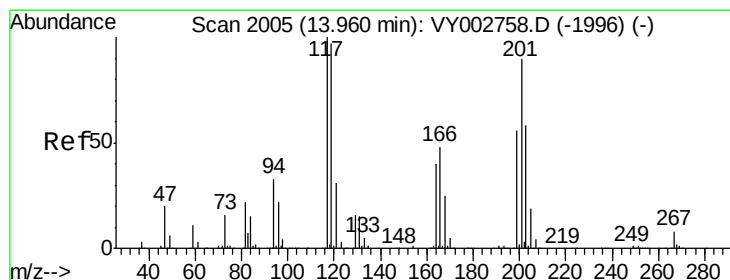
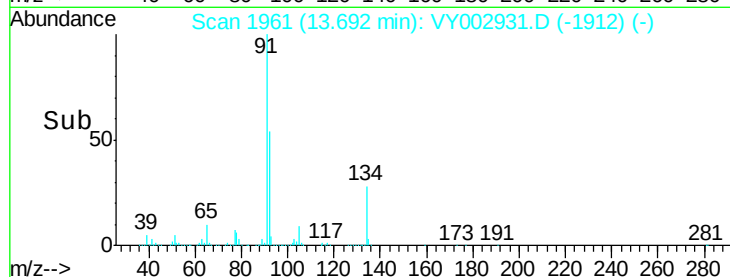
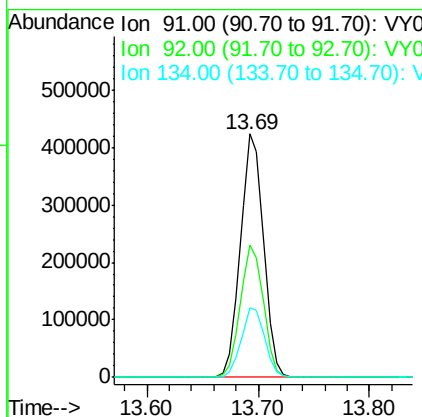
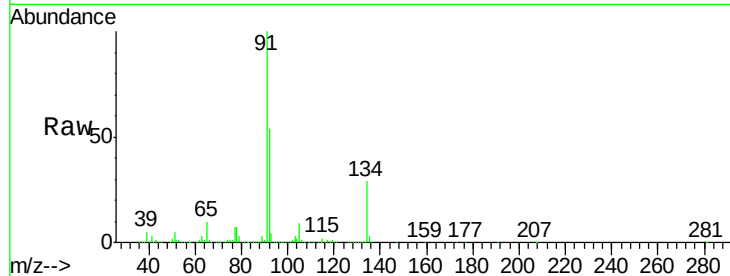




#89
n-Butylbenzene
Concen: 48.240 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY002931.D
Acq: 18 Jun 2020 19:58

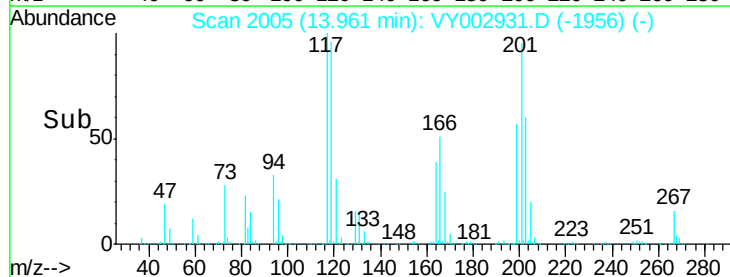
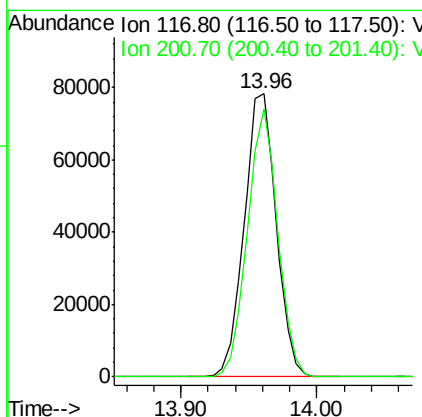
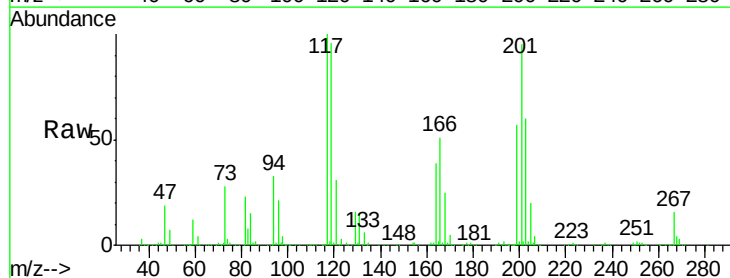
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

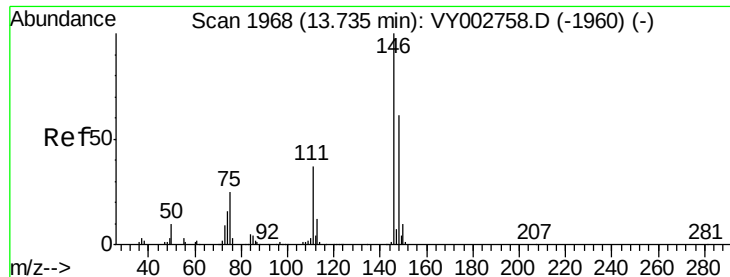
Tot Ion: 91 Resp: 605425
Ion Ratio Lower Upper
91 100
92 54.3 27.1 81.2
134 28.9 14.3 42.9



#90
Hexachloroethane
Concen: 49.845 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY002931.D
Acq: 18 Jun 2020 19:58

Tgt Ion: 117 Resp: 128992
Ion Ratio Lower Upper
117 100
201 90.0 43.9 131.6

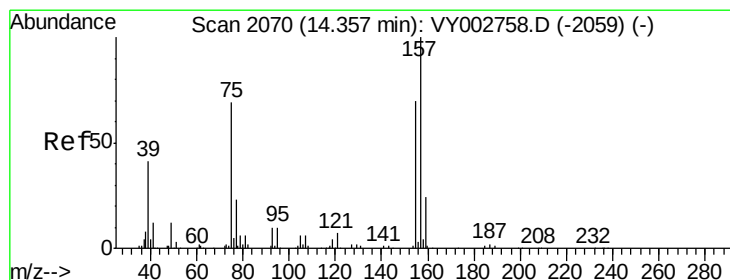
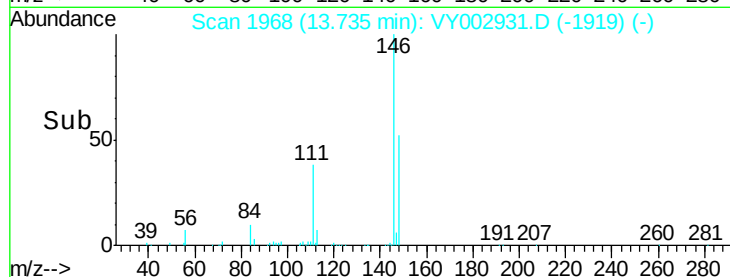
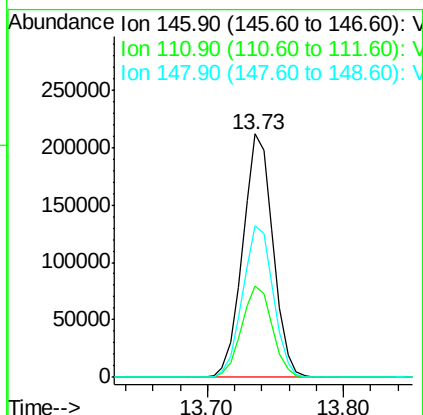
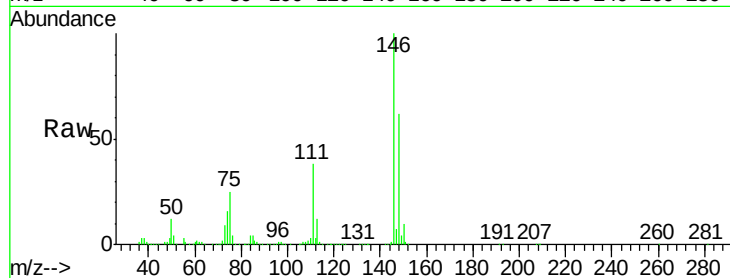




#91
 1,2-Dichlorobenzene
 Concen: 50.178 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY002931.D
 Acq: 18 Jun 2020 19:58

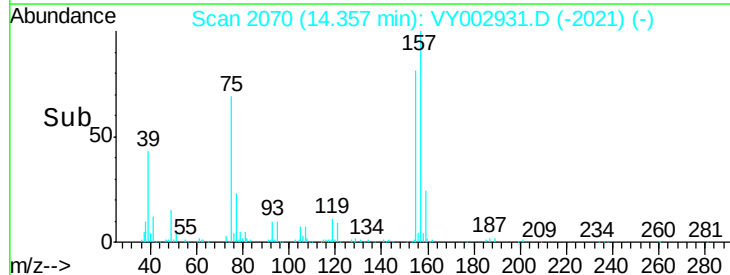
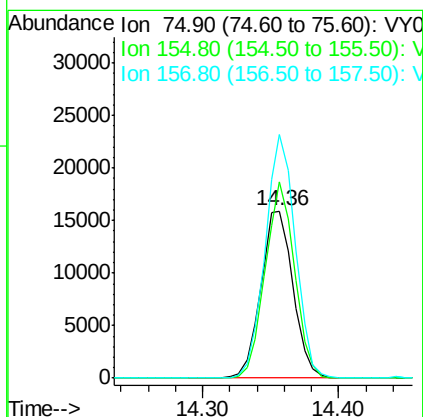
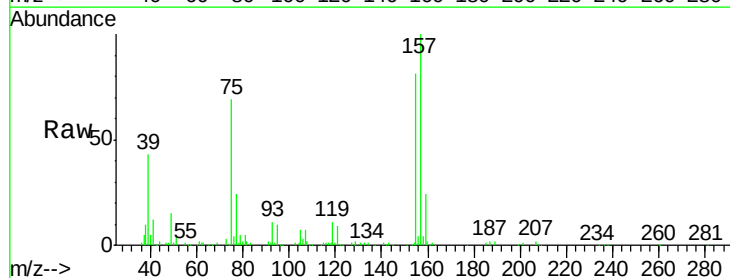
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

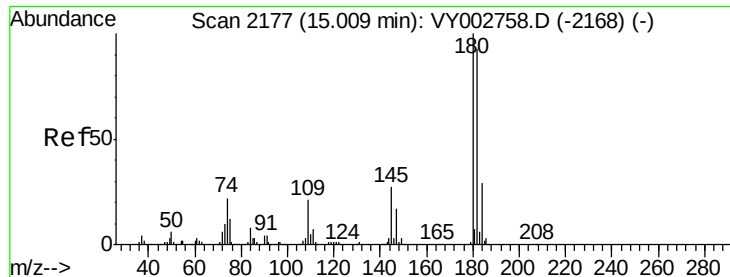
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.9	56.9
148	63.4	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.773 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY002931.D
 Acq: 18 Jun 2020 19:58

Tgt Ion	Ratio	Lower	Upper
75	100		
155	106.9	53.5	160.5
157	135.9	69.9	209.7

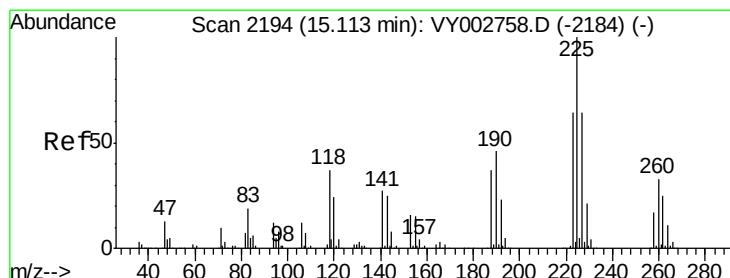
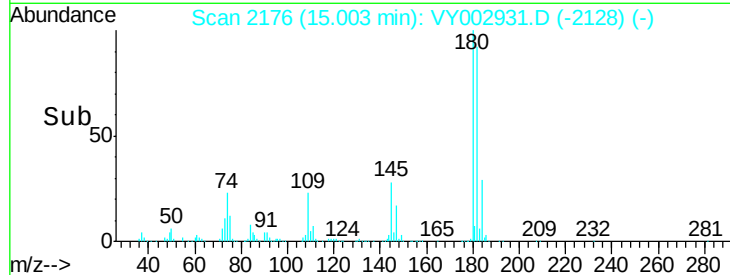
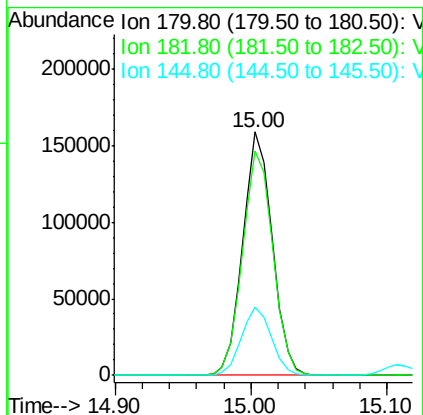
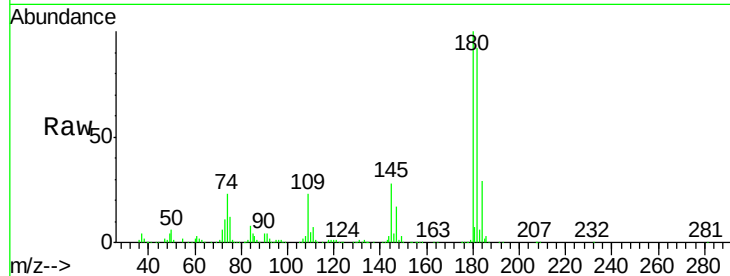




#93
 1,2,4-Trichlorobenzene
 Concen: 49.121 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.01 min
 Lab File: VY002931.D
 Acq: 18 Jun 2020 19:58

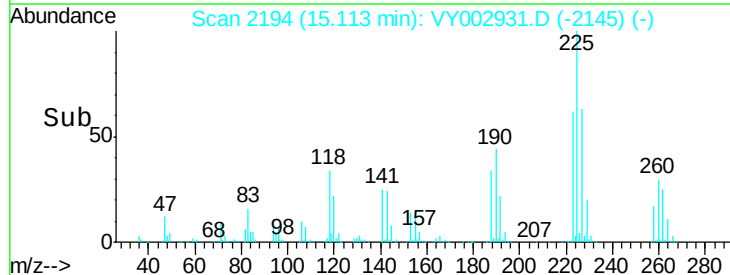
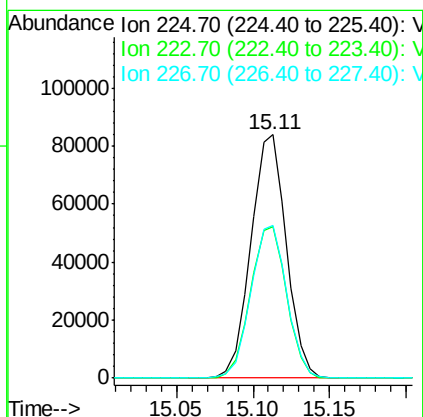
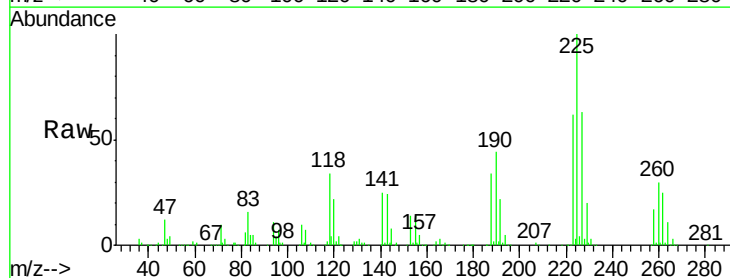
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

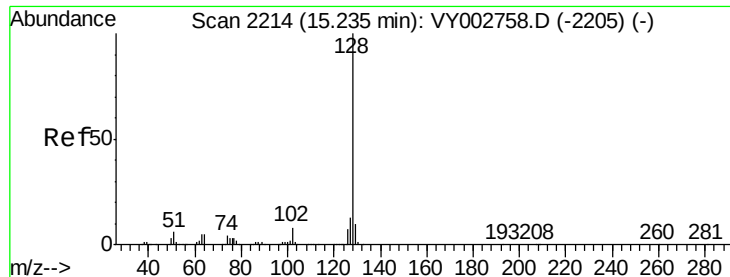
Tot Ion:180 Resp: 241603
 Ion Ratio Lower Upper
 180 100
 182 94.5 47.3 141.9
 145 28.4 14.1 42.3



#94
 Hexachlorobutadiene
 Concen: 48.440 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY002931.D
 Acq: 18 Jun 2020 19:58

Tgt Ion:225 Resp: 135132
 Ion Ratio Lower Upper
 225 100
 223 63.6 31.6 95.0
 227 63.5 32.3 96.9

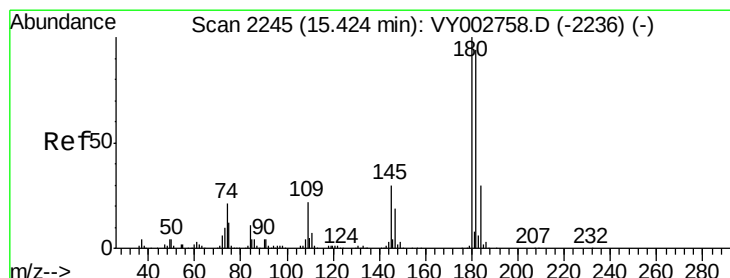
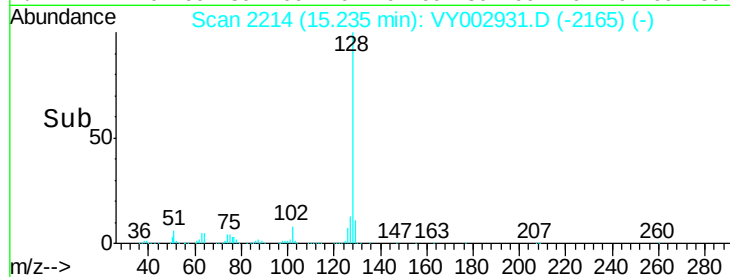
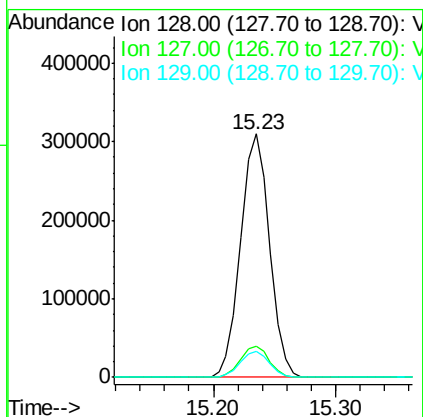
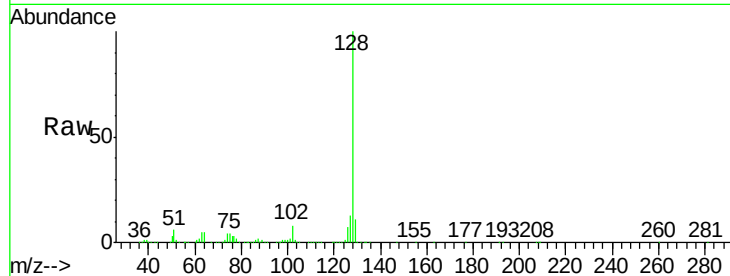




#95
Naphthalene
Concen: 51.568 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY002931.D
Acq: 18 Jun 2020 19:58

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 508550
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 49.422 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY002931.D
Acq: 18 Jun 2020 19:58

Tgt Ion:180 Resp: 217071
Ion Ratio Lower Upper
180 100
182 96.4 48.1 144.4
145 30.6 15.1 45.3

