

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY060120\
 Data File : VY002809.D
 Acq On : 01 Jun 2020 16:19
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 4.67G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 01 18:30:14 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	362829	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	535901	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	491334	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	259874	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	151078	47.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.92%	
35) Dibromofluoromethane	7.72	113	157243	50.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.14%	
50) Toluene-d8	10.18	98	604385	47.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.20%	
62) 4-Bromofluorobenzene	12.48	95	213670	49.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.48%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.91	85	114124	45.712	ug/l	96
3) Chloromethane	2.12	50	128122	46.397	ug/l	99
4) Vinyl Chloride	2.26	62	144942	49.659	ug/l	98
5) Bromomethane	2.65	94	105466	48.218	ug/l	98
6) Chloroethane	2.80	64	96310	50.901	ug/l	99
7) Trichlorofluoromethane	3.13	101	257719	49.855	ug/l	97
8) Diethyl Ether	3.53	74	97188	48.149	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.90	101	162720	53.016	ug/l	99
10) Methyl Iodide	4.10	142	221402	51.552	ug/l	99
11) Tert butyl alcohol	4.97	59	82497	243.300	ug/l	100
12) 1,1-Dichloroethene	3.88	96	158314	51.290	ug/l	99
13) Acrolein	3.74	56	106905	289.569	ug/l	100
14) Allyl chloride	4.49	41	237455	53.639	ug/l	99
15) Acrylonitrile	5.17	53	239457	262.963	ug/l	99
16) Acetone	3.96	43	200223	271.040	ug/l	99
17) Carbon Disulfide	4.20	76	460382	49.358	ug/l	98
18) Methyl Acetate	4.48	43	100485	54.293	ug/l	99
19) Methyl tert-butyl Ether	5.22	73	445400	52.270	ug/l	100
20) Methylene Chloride	4.72	84	178421	49.423	ug/l	97
21) trans-1,2-Dichloroethene	5.22	96	175078	50.437	ug/l	95
22) Diisopropyl ether	6.12	45	492967	53.587	ug/l	95
23) Vinyl Acetate	6.07	43	1683690	277.210	ug/l	99
24) 1,1-Dichloroethane	6.02	63	285195	52.996	ug/l	99
25) 2-Butanone	6.99	43	302054	262.444	ug/l	99
26) 2,2-Dichloropropane	6.99	77	254692	49.348	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	198537	51.091	ug/l	99
28) Bromochloromethane	7.34	49	114792	51.962	ug/l	96
29) Tetrahydrofuran	7.35	42	197752	264.150	ug/l	100
30) Chloroform	7.51	83	295137	51.683	ug/l	97
31) Cyclohexane	7.78	56	259355	48.541	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	265534	49.900	ug/l	99
36) 1,1-Dichloropropene	7.92	75	229405	50.818	ug/l	100
37) Ethyl Acetate	7.08	43	132631	54.000	ug/l	100
38) Carbon Tetrachloride	7.90	117	250760	50.003	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY060120\
 Data File : VY002809.D
 Acq On : 01 Jun 2020 16:19
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 4.67G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 01 18:30:14 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)
39) Methylcyclohexane	9.18	83	297332	49.969	ug/l	98
40) Benzene	8.16	78	677350	50.780	ug/l	99
41) Methacrylonitrile	7.33	41	74212m	56.243	ug/l	
42) 1,2-Dichloroethane	8.24	62	187308	50.106	ug/l	99
43) Isopropyl Acetate	8.27	43	248629	53.418	ug/l	100
44) Trichloroethene	8.94	130	212719	50.487	ug/l	97
45) 1,2-Dichloropropane	9.22	63	168482	52.670	ug/l	99
46) Dibromomethane	9.31	93	98166	51.674	ug/l	98
47) Bromodichloromethane	9.50	83	233775	52.199	ug/l	98
48) Methyl methacrylate	9.29	41	111868	53.242	ug/l	99
49) 1,4-Dioxane	9.30	88	28988	993.774	ug/l	97
51) 4-Methyl-2-Pentanone	10.07	43	661886	268.557	ug/l	99
52) Toluene	10.24	92	435566	49.916	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	252919	51.704	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	288164	51.989	ug/l	100
55) 1,1,2-Trichloroethane	10.64	97	148617	51.099	ug/l	95
56) Ethyl methacrylate	10.51	69	205788	52.826	ug/l	99
57) 1,3-Dichloropropane	10.79	76	242909	50.778	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	501494	263.462	ug/l	99
59) 2-Hexanone	10.83	43	466549	266.798	ug/l	100
60) Dibromochloromethane	10.99	129	188299	51.066	ug/l	99
61) 1,2-Dibromoethane	11.09	107	147837	51.529	ug/l	100
64) Tetrachloroethene	10.72	164	215304	48.215	ug/l	99
65) Chlorobenzene	11.52	112	488422	50.295	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	187588	51.289	ug/l	99
67) Ethyl Benzene	11.60	91	852125	50.614	ug/l	100
68) m/p-Xylenes	11.70	106	656785	100.619	ug/l	100
69) o-Xylene	12.03	106	314838	51.092	ug/l	100
70) Styrene	12.05	104	546862	51.193	ug/l	100
71) Bromoform	12.21	173	128175	52.374	ug/l #	100
73) Isopropylbenzene	12.33	105	847833	50.909	ug/l	99
74) N-amyl acetate	12.14	43	230405	53.920	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	160720	55.003	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	128438m	54.850	ug/l	
77) Bromobenzene	12.61	156	220063	50.748	ug/l	98
78) n-propylbenzene	12.67	91	983741	51.138	ug/l	100
79) 2-Chlorotoluene	12.75	91	553213	51.266	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	706629	50.818	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	67206	54.072	ug/l	98
82) 4-Chlorotoluene	12.86	91	576553	50.996	ug/l	100
83) tert-Butylbenzene	13.08	119	631972	50.951	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	712898	50.988	ug/l	99
85) sec-Butylbenzene	13.25	105	861344	50.788	ug/l	100
86) p-Isopropyltoluene	13.37	119	806367	51.098	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	411212	50.062	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	411576	50.089	ug/l	100
89) n-Butylbenzene	13.70	91	732922	51.156	ug/l	100
90) Hexachloroethane	13.96	117	154123	52.169	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	374258	50.241	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	29941	53.260	ug/l	98

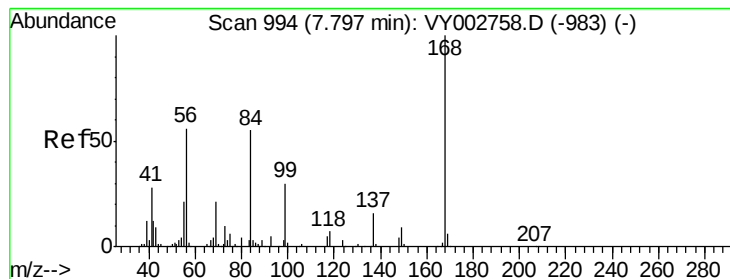
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY060120\
Data File : VY002809.D
Acq On : 01 Jun 2020 16:19
Operator : SY/MD
Sample : VSTDCCC050
Misc : 4.67G/5ML/MSVOA Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Quant Time: Jun 01 18:30:14 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)
93) 1,2,4-Trichlorobenzene	15.01	180	279995	49.866	ug/l	100
94) Hexachlorobutadiene	15.11	225	160163	50.292	ug/l	99
95) Naphthalene	15.23	128	577213	51.271	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	252961	50.450	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002809.D

Acq: 01 Jun 2020 16:19

Instrument :

MSVOA_Y

ClientSampleId :

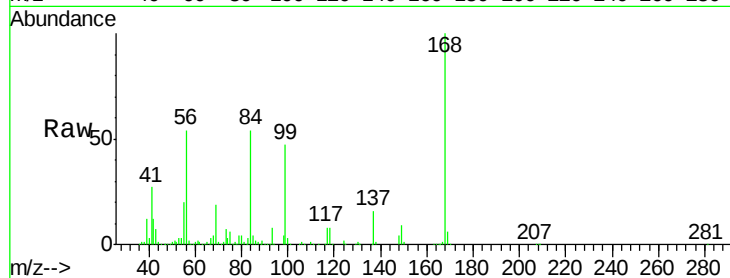
VSTDCCC050EC

Tot Ion:168 Resp: 362829

Ion Ratio Lower Upper

168 100

99 46.6 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

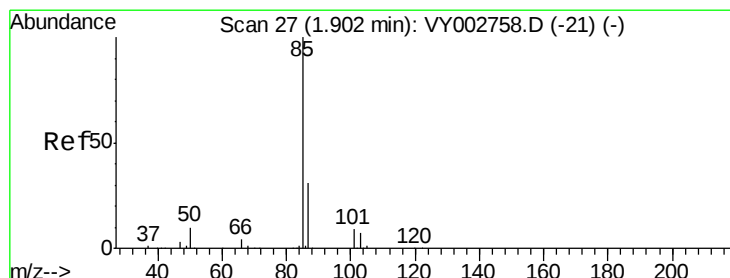
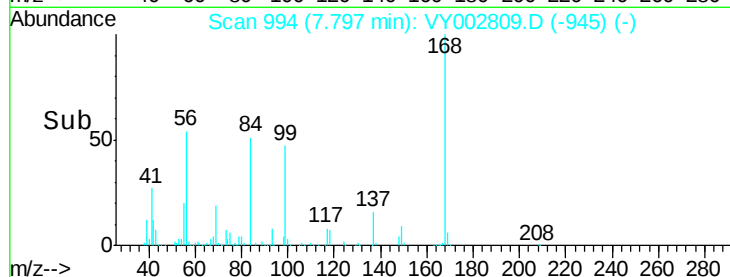
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 45.712 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY002809.D

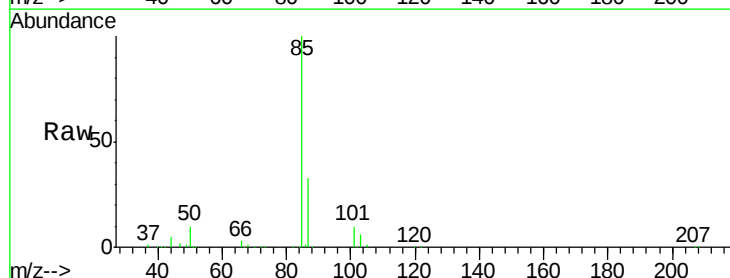
Acq: 01 Jun 2020 16:19

Tgt Ion: 85 Resp: 114124

Ion Ratio Lower Upper

85 100

87 33.4 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

80000

60000

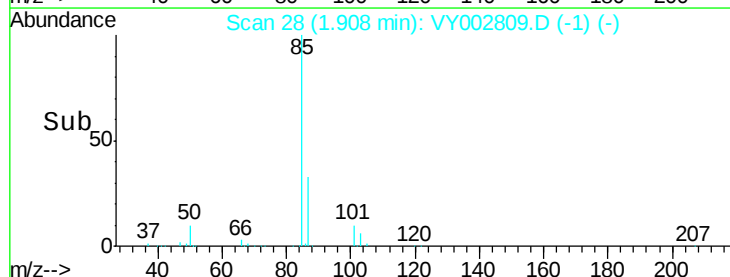
40000

20000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 46.397 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY002809.D

Acq: 01 Jun 2020 16:19

Instrument :

MSVOA_Y

ClientSampleId :

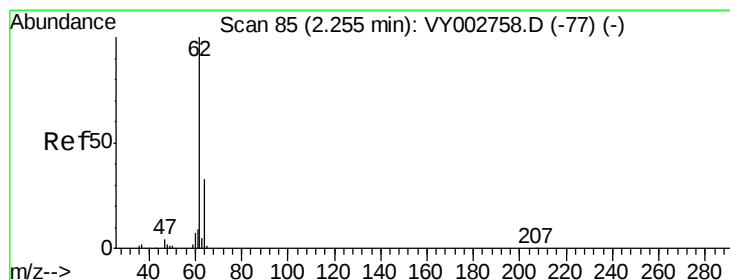
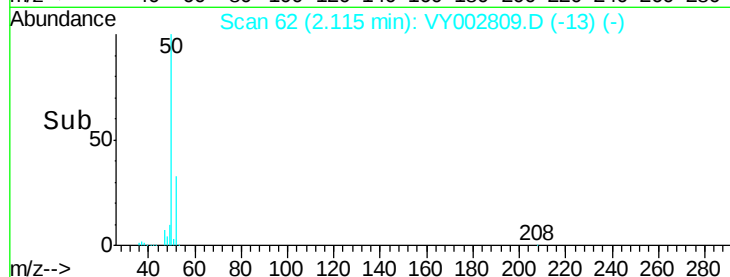
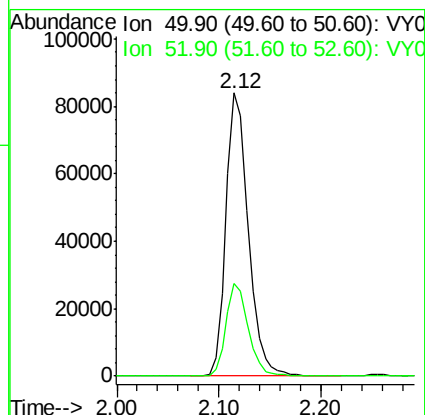
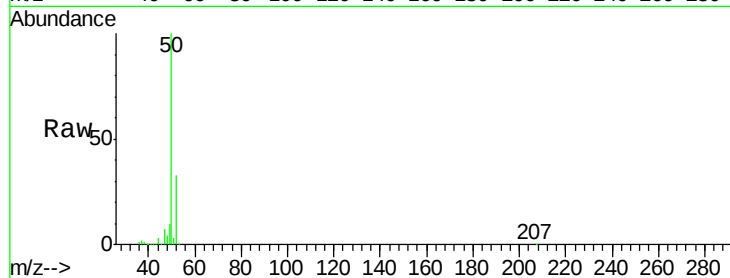
VSTDCCC050EC

Tot Ion: 50 Resp: 128122

Ion Ratio Lower Upper

50 100

52 32.7 25.8 38.6



#4

Vinyl Chloride

Concen: 49.659 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.00 min

Lab File: VY002809.D

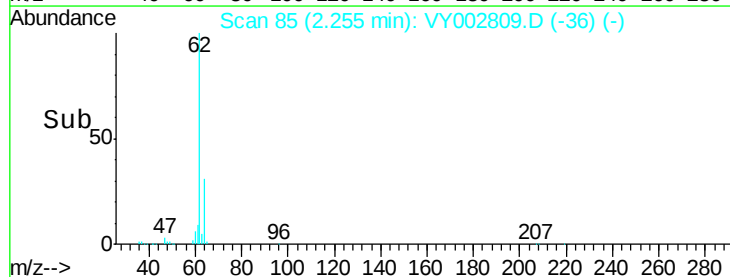
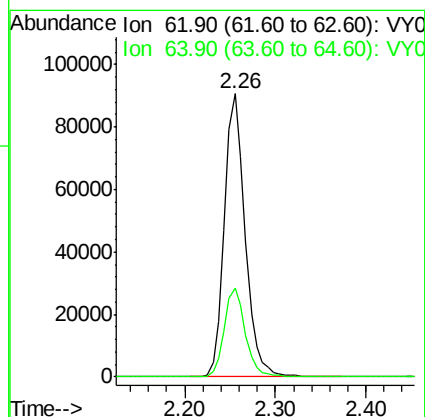
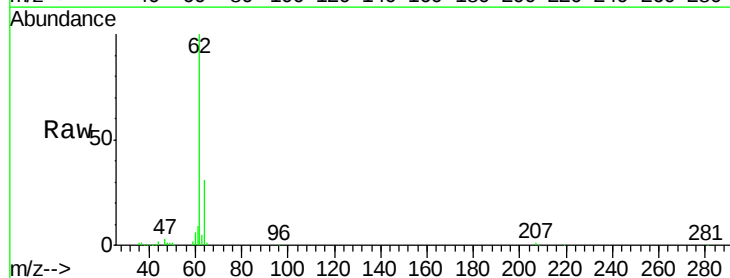
Acq: 01 Jun 2020 16:19

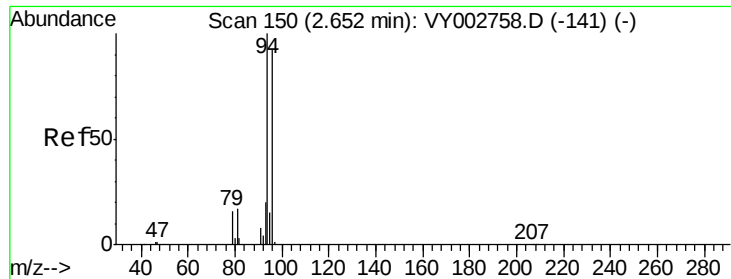
Tgt Ion: 62 Resp: 144942

Ion Ratio Lower Upper

62 100

64 31.3 26.1 39.1





#5

Bromomethane

Concen: 48.218 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.00 min

Lab File: VY002809.D

Acq: 01 Jun 2020 16:19

Instrument :

MSVOA_Y

ClientSampleId :

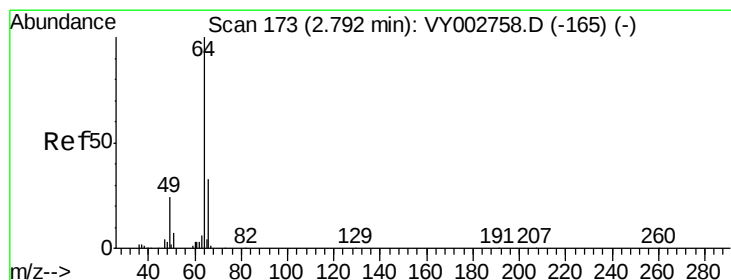
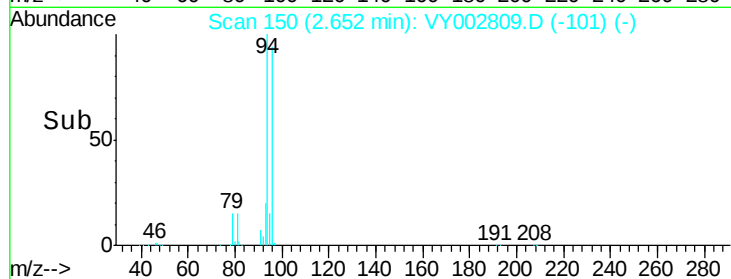
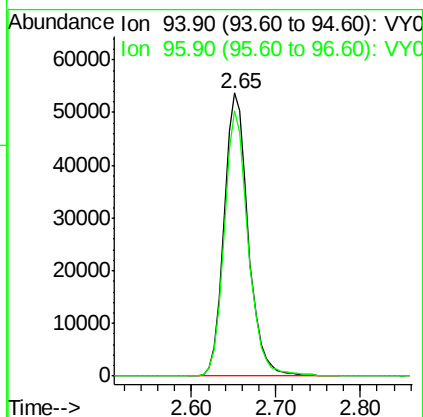
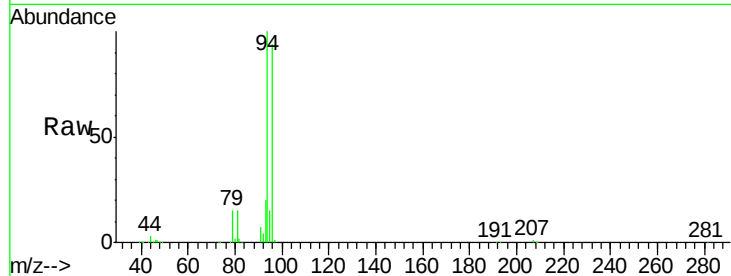
VSTDCCC050EC

Tot Ion: 94 Resp: 105466

Ion Ratio Lower Upper

94 100

96 93.9 73.7 110.5



#6

Chloroethane

Concen: 50.901 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.01 min

Lab File: VY002809.D

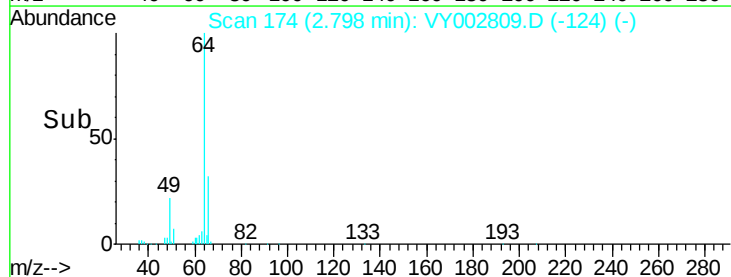
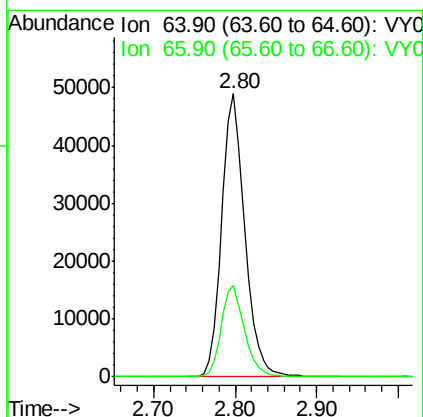
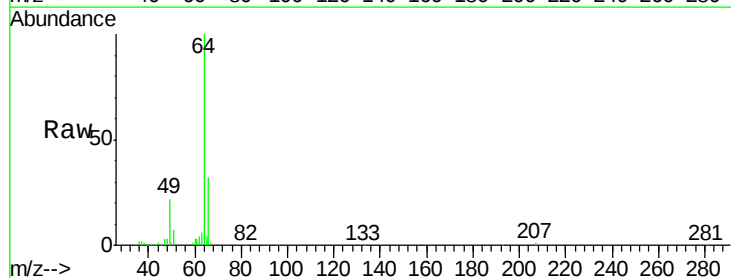
Acq: 01 Jun 2020 16:19

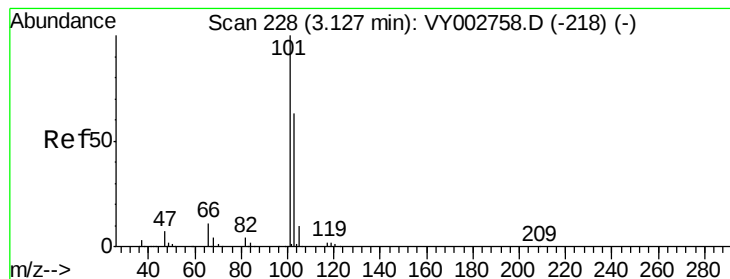
Tgt Ion: 64 Resp: 96310

Ion Ratio Lower Upper

64 100

66 32.2 26.4 39.6



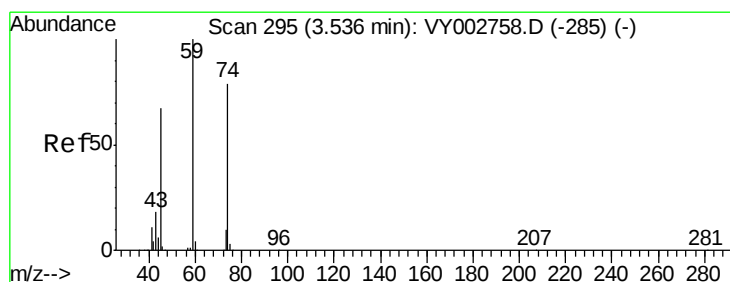
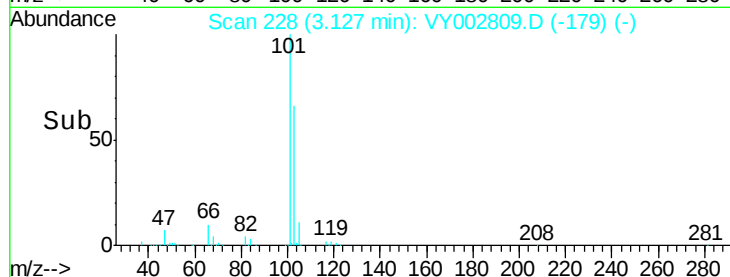
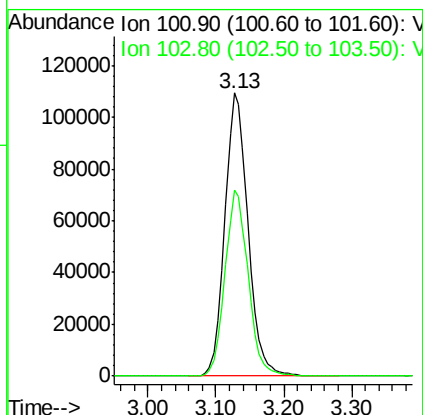
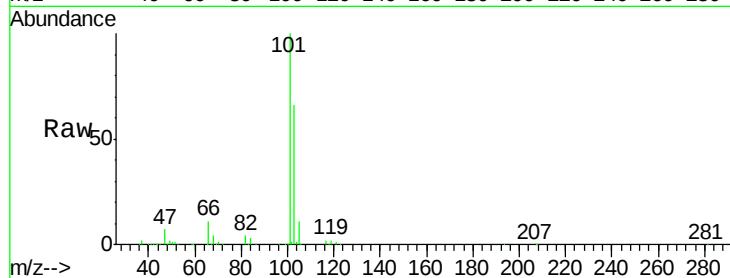


#7

Trichlorofluoromethane
 Concen: 49.855 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. 0.00 min
 Lab File: VY002809.D
 Acq: 01 Jun 2020 16:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

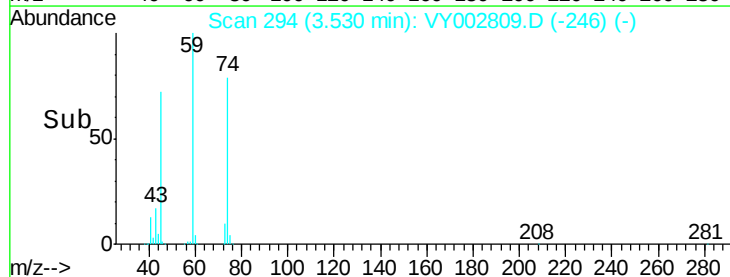
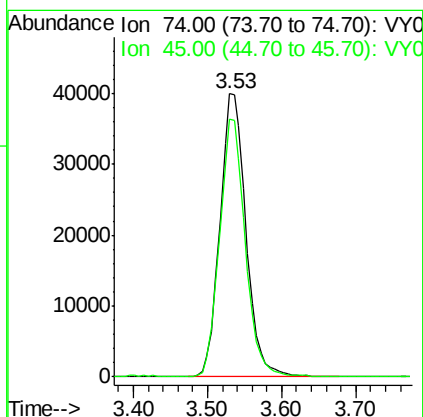
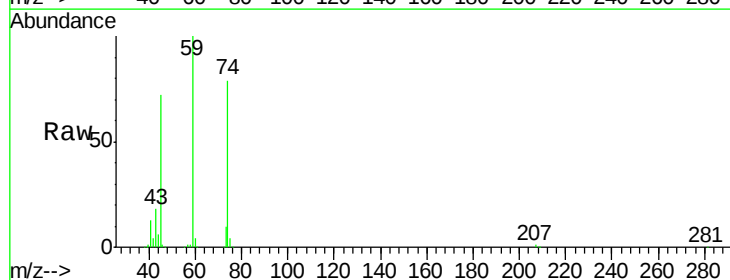
Tot Ion:101 Resp: 257719
 Ion Ratio Lower Upper
 101 100
 103 65.7 50.6 76.0

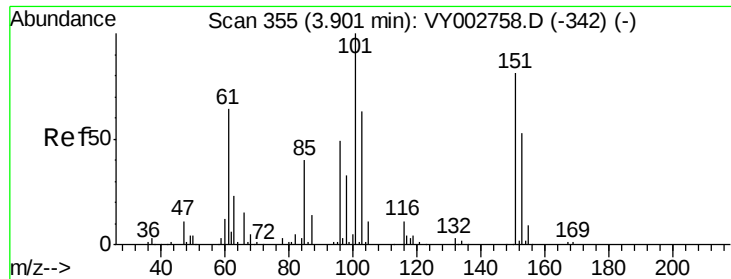


#8

Diethyl Ether
 Concen: 48.149 ug/l
 RT: 3.53 min Scan# 294
 Delta R.T. -0.01 min
 Lab File: VY002809.D
 Acq: 01 Jun 2020 16:19

Tgt Ion: 74 Resp: 97188
 Ion Ratio Lower Upper
 74 100
 45 90.1 44.0 131.8

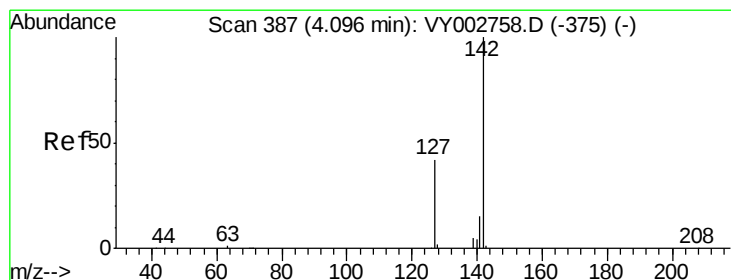
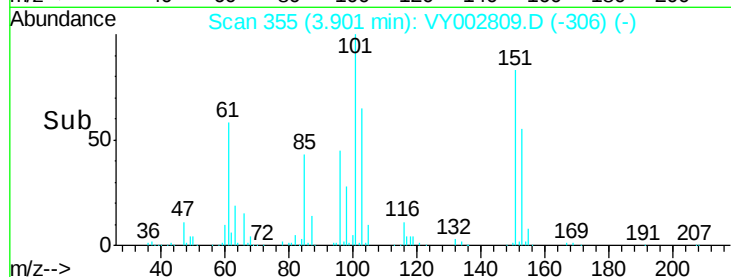
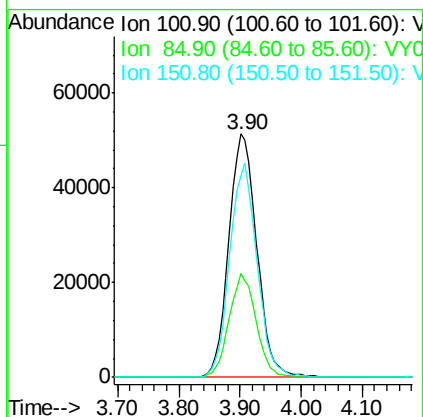
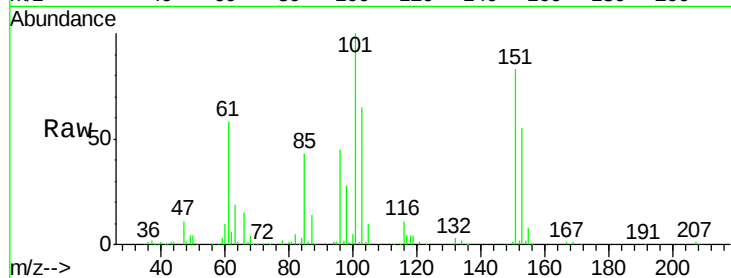




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 53.016 ug/l
 RT: 3.90 min Scan# 355
 Delta R.T. 0.00 min
 Lab File: VY002809.D
 Acq: 01 Jun 2020 16:19

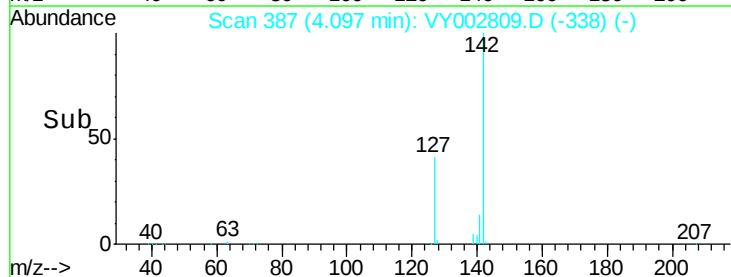
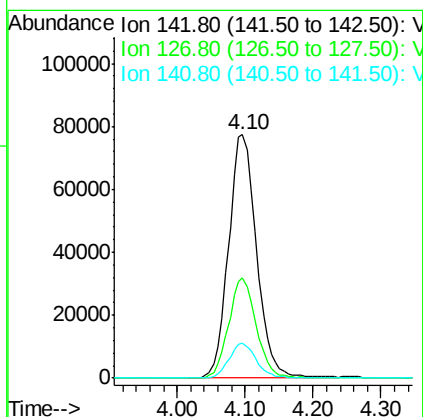
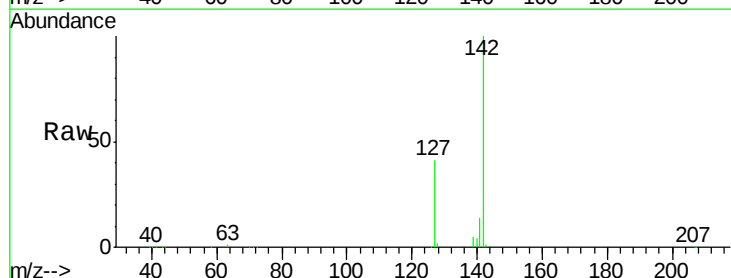
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:101 Resp: 162720
 Ion Ratio Lower Upper
 101 100
 85 41.1 32.7 49.1
 151 86.1 68.0 102.0



#10
 Methyl Iodide
 Concen: 51.552 ug/l
 RT: 4.10 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: VY002809.D
 Acq: 01 Jun 2020 16:19

Tgt Ion:142 Resp: 221402
 Ion Ratio Lower Upper
 142 100
 127 40.5 33.3 49.9
 141 14.0 11.5 17.3



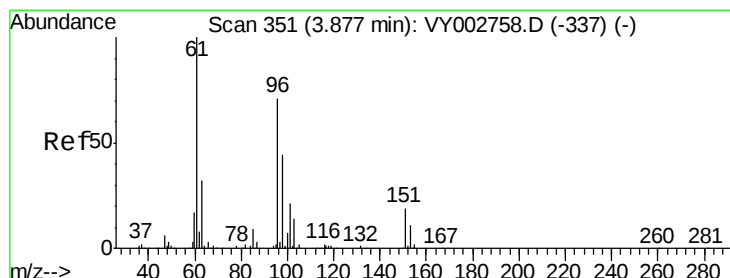
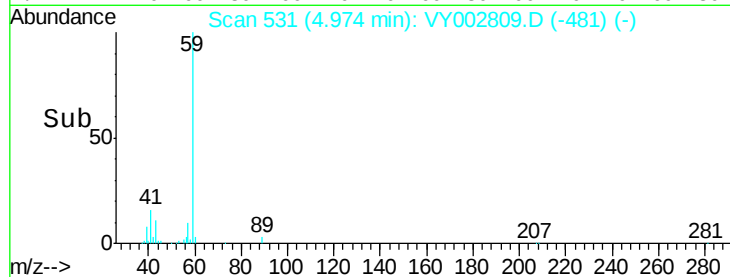
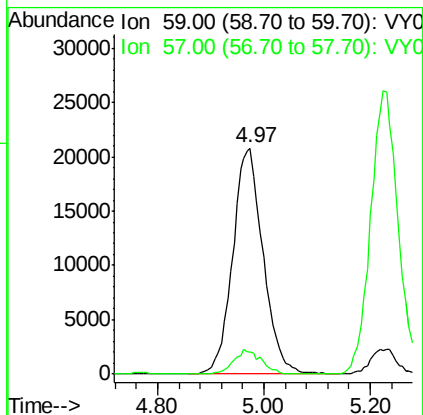
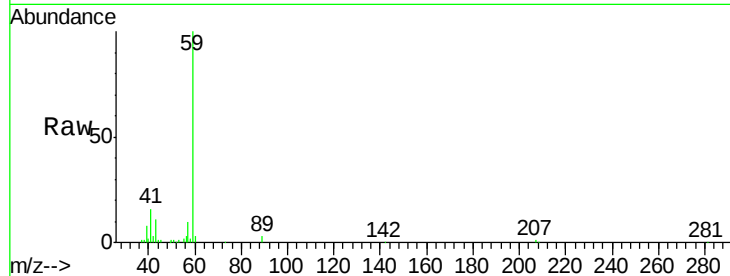


#11

Tert butyl alcohol
 Concen: 243.300 ug/l
 RT: 4.97 min Scan# 531
 Delta R.T. 0.01 min
 Lab File: VY002809.D
 Acq: 01 Jun 2020 16:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

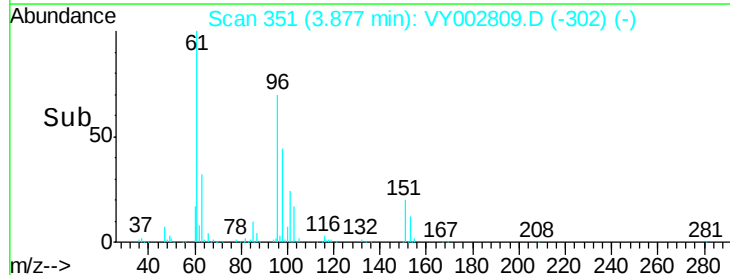
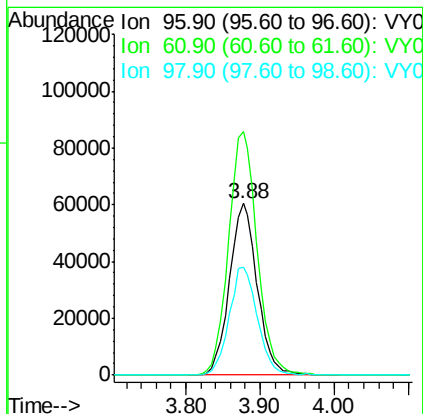
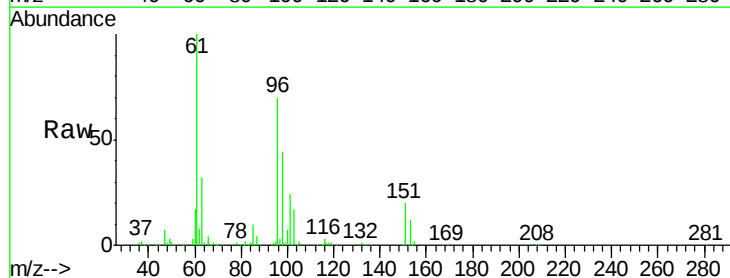
Tot Ion: 59 Resp: 82497
 Ion Ratio Lower Upper
 59 100
 57 9.8 7.7 11.5

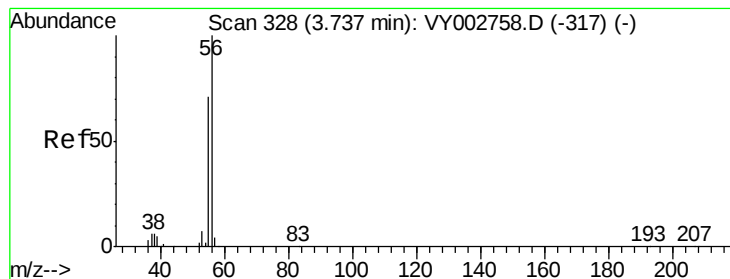


#12

1,1-Dichloroethene
 Concen: 51.290 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VY002809.D
 Acq: 01 Jun 2020 16:19

Tgt Ion: 96 Resp: 158314
 Ion Ratio Lower Upper
 96 100
 61 141.9 112.6 168.8
 98 63.1 50.0 75.0





#13

Acrolein

Concen: 289.569 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY002809.D

Acq: 01 Jun 2020 16:19

Instrument :

MSVOA_Y

ClientSampleId :

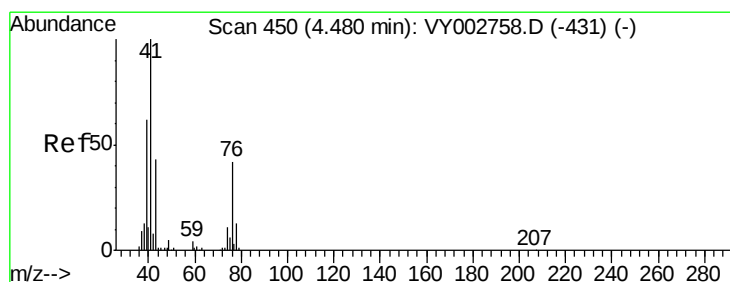
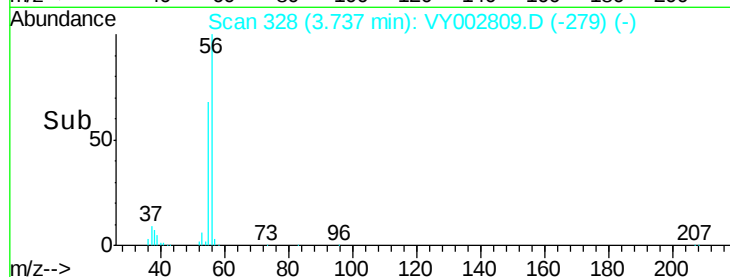
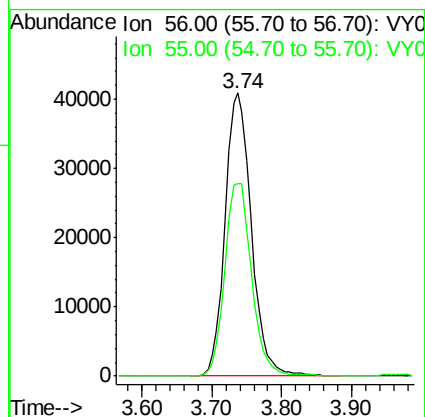
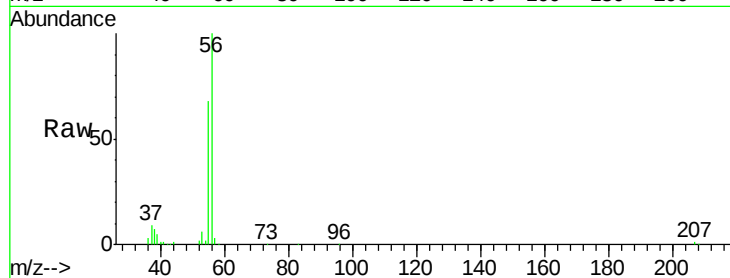
VSTDCCC050EC

Tot Ion: 56 Resp: 106905

Ion Ratio Lower Upper

56 100

55 69.7 56.0 84.0



#14

Allyl chloride

Concen: 53.639 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY002809.D

Acq: 01 Jun 2020 16:19

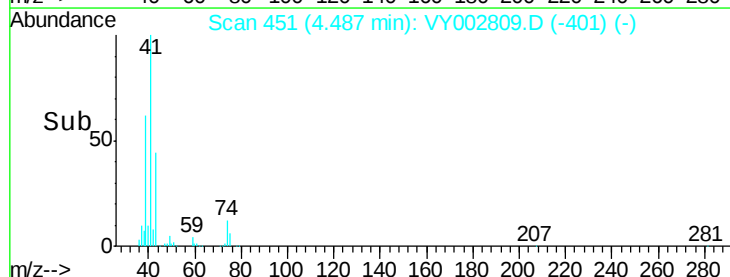
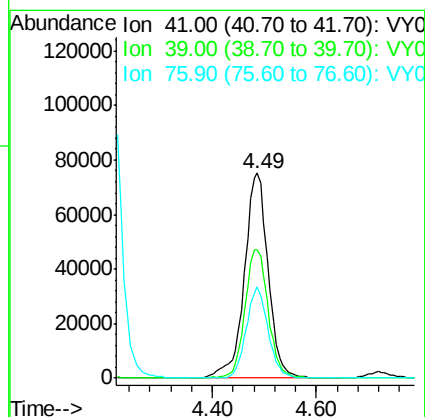
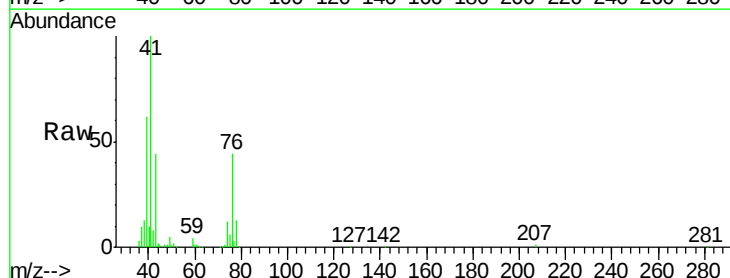
Tgt Ion: 41 Resp: 237455

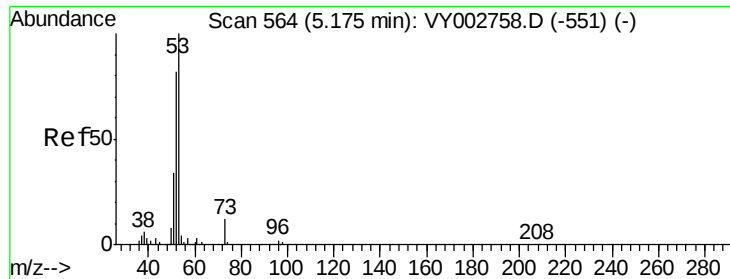
Ion Ratio Lower Upper

41 100

39 61.6 49.9 74.9

76 40.6 33.2 49.8





#15

Acrylonitrile

Concen: 262.963 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.01 min

Lab File: VY002809.D

Acq: 01 Jun 2020 16:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

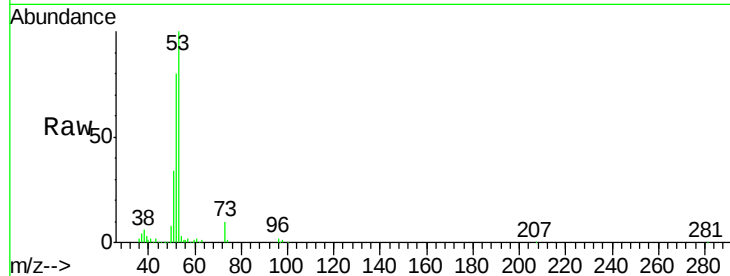
Tot Ion: 53 Resp: 239457

Ion Ratio Lower Upper

53 100

52 81.2 65.3 97.9

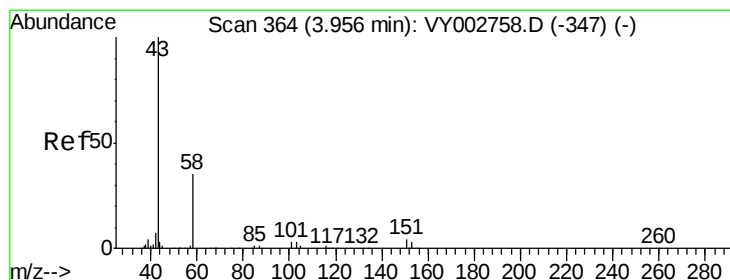
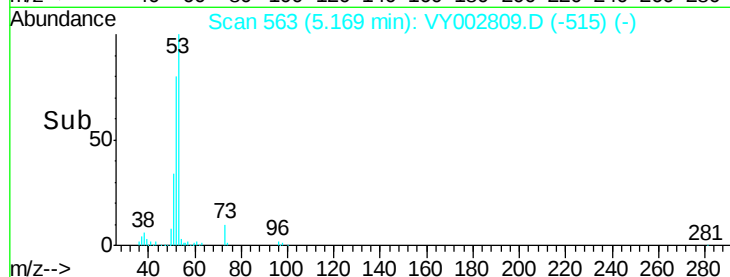
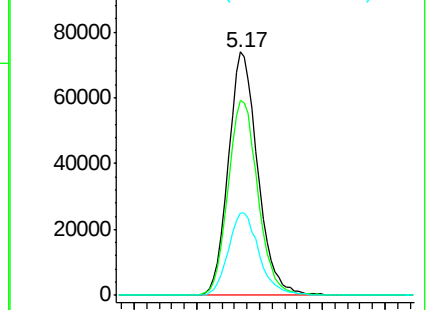
51 35.7 28.0 42.0



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: 271.040 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.00 min

Lab File: VY002809.D

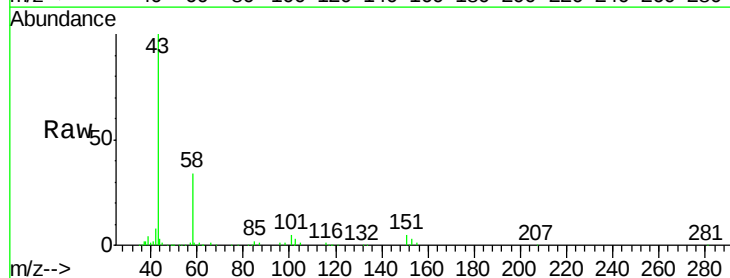
Acq: 01 Jun 2020 16:19

Tgt Ion: 43 Resp: 200223

Ion Ratio Lower Upper

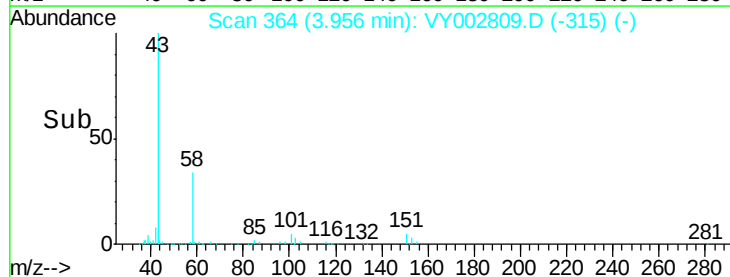
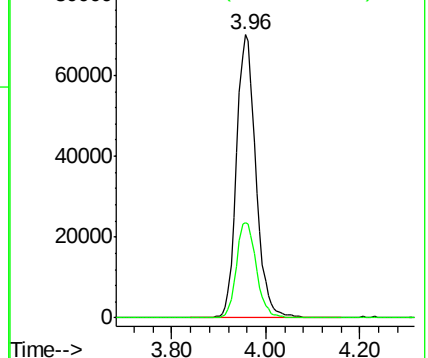
43 100

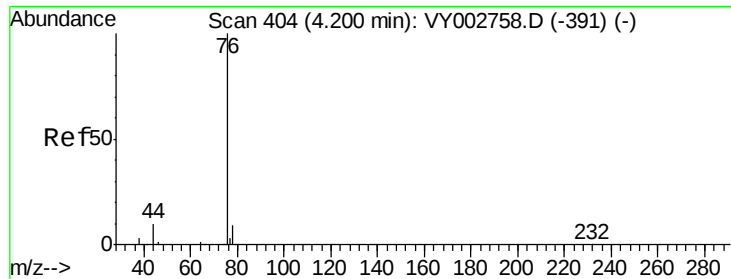
58 33.8 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

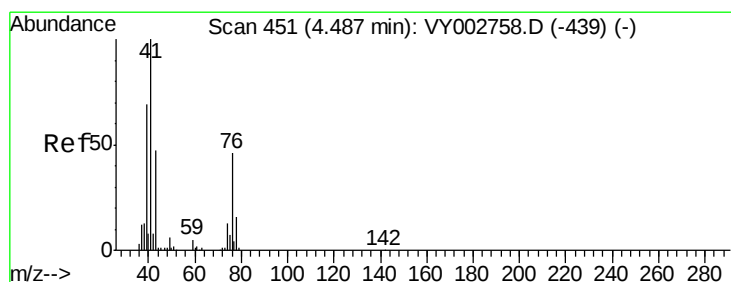
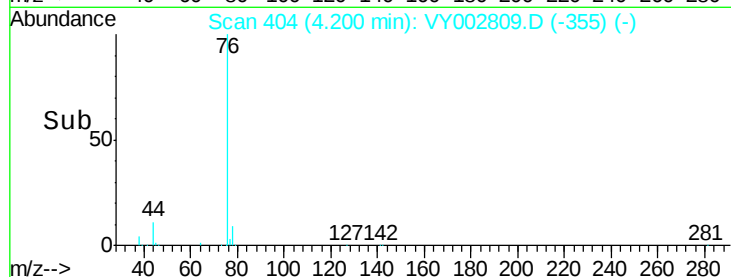
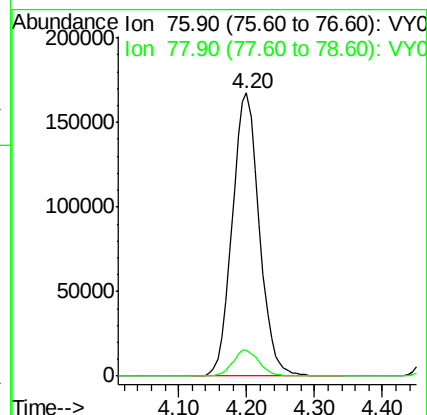
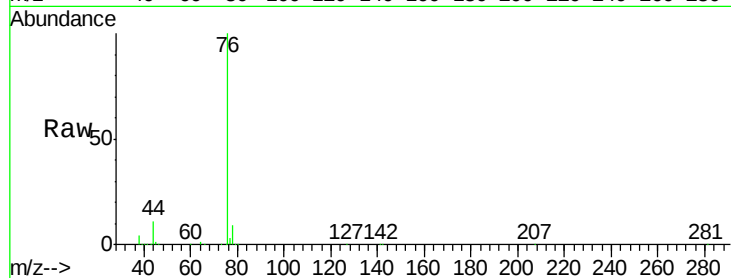




#17
Carbon Disulfide
Concen: 49.358 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.00 min
Lab File: VY002809.D
Acq: 01 Jun 2020 16:19

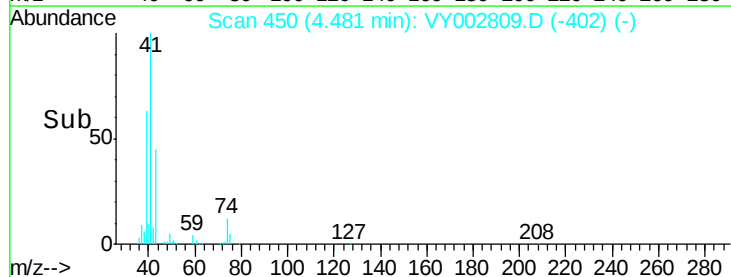
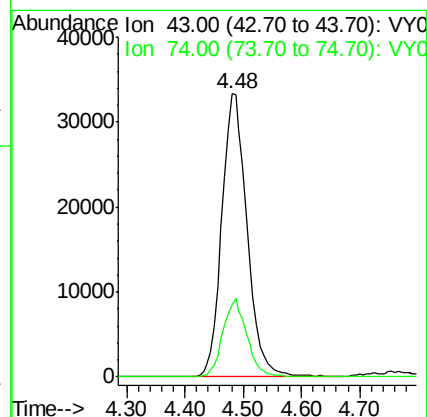
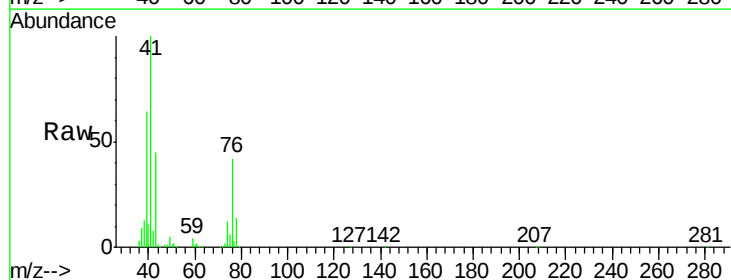
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

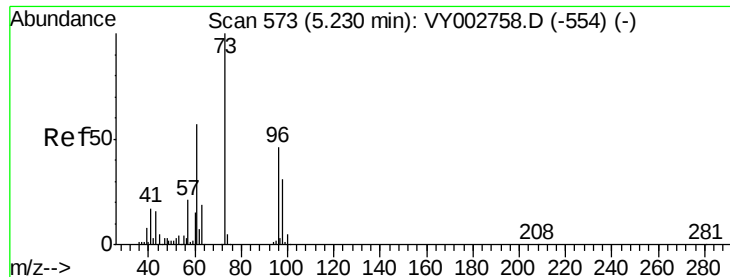
Tot Ion: 76 Resp: 460382
Ion Ratio Lower Upper
76 100
78 9.3 6.9 10.3



#18
Methyl Acetate
Concen: 54.293 ug/l
RT: 4.48 min Scan# 450
Delta R.T. -0.01 min
Lab File: VY002809.D
Acq: 01 Jun 2020 16:19

Tgt Ion: 43 Resp: 100485
Ion Ratio Lower Upper
43 100
74 26.1 21.4 32.0

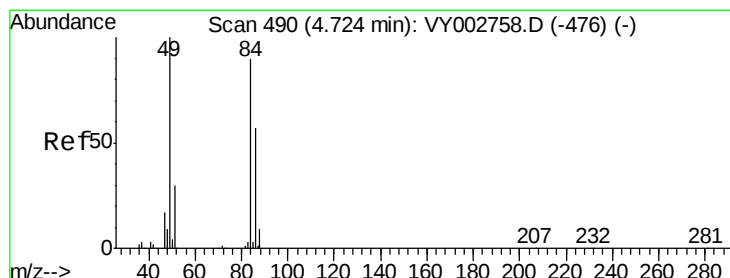
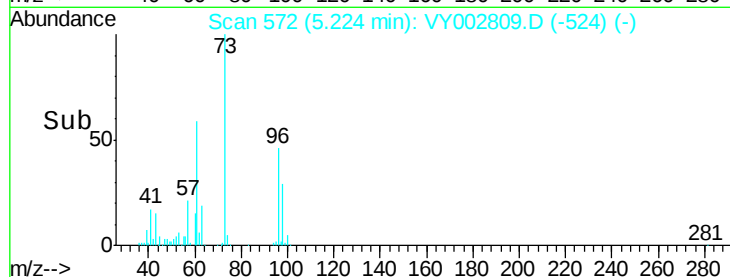
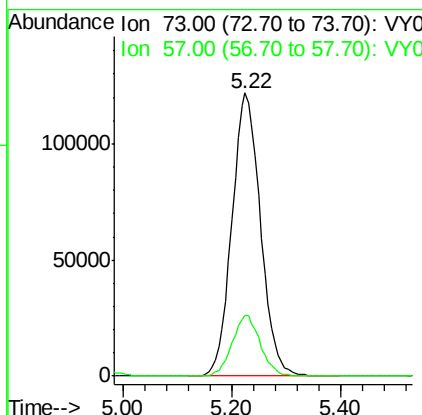
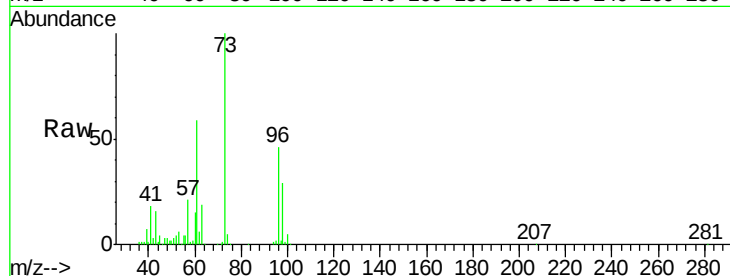




#19
Methyl tert-butyl Ether
Concen: 52.270 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY002809.D
Acq: 01 Jun 2020 16:19

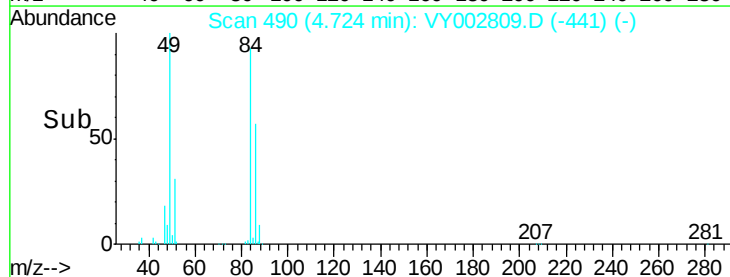
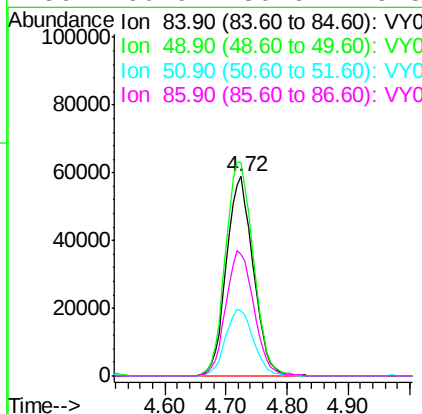
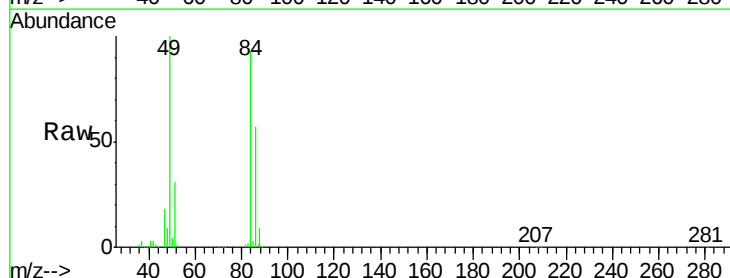
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

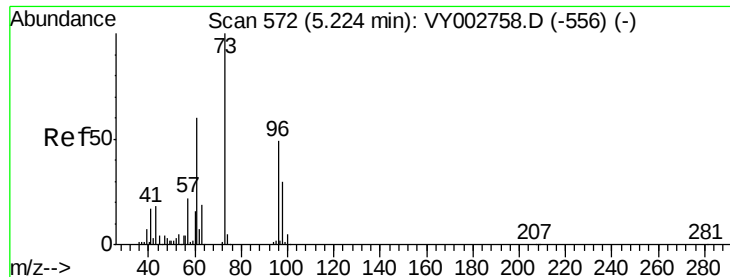
Tot Ion: 73 Resp: 445400
Ion Ratio Lower Upper
73 100
57 21.4 17.0 25.4



#20
Methylene Chloride
Concen: 49.423 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY002809.D
Acq: 01 Jun 2020 16:19

Tgt Ion: 84 Resp: 178421
Ion Ratio Lower Upper
84 100
49 107.1 88.5 132.7
51 32.8 26.8 40.2
86 60.9 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 50.437 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.00 min

Lab File: VY002809.D

Acq: 01 Jun 2020 16:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

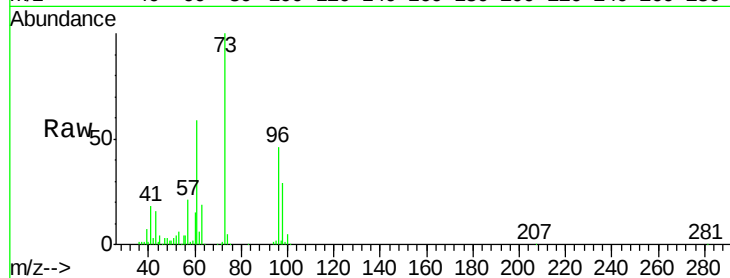
Tot Ion: 96 Resp: 175078

Ion Ratio Lower Upper

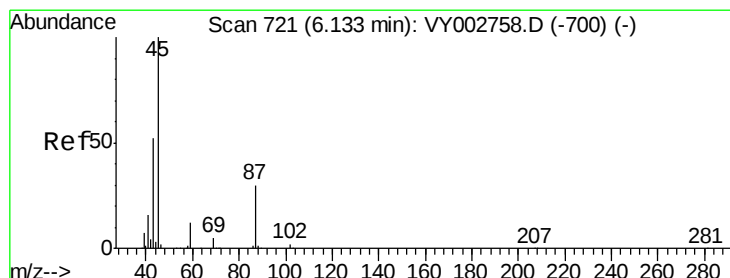
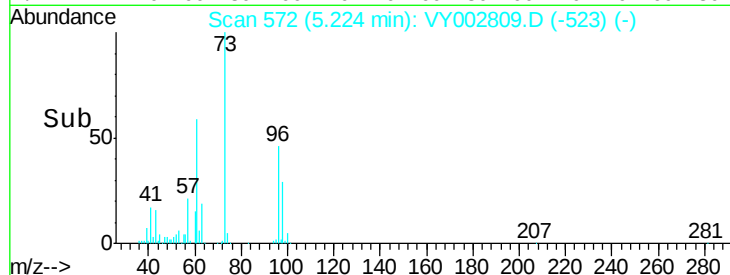
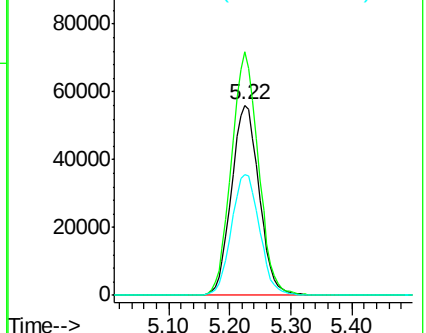
96 100

61 128.0 96.8 145.2

98 63.3 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: 53.587 ug/l

RT: 6.12 min Scan# 719

Delta R.T. -0.01 min

Lab File: VY002809.D

Acq: 01 Jun 2020 16:19

Tgt Ion: 45 Resp: 492967

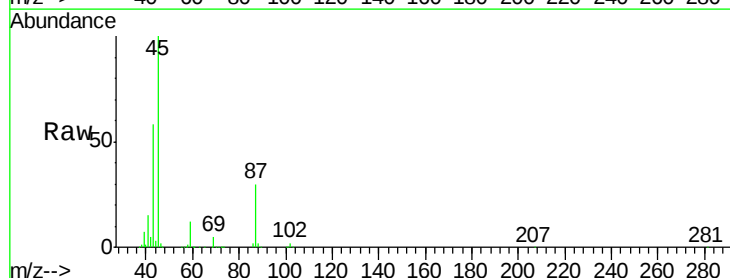
Ion Ratio Lower Upper

45 100

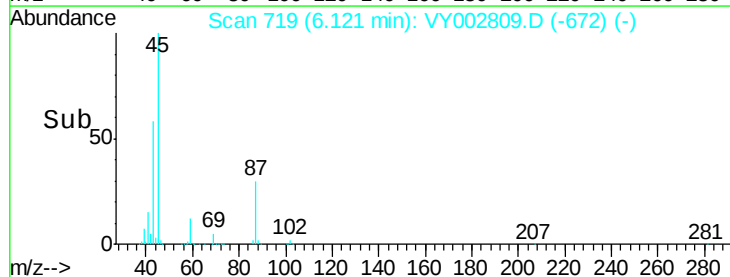
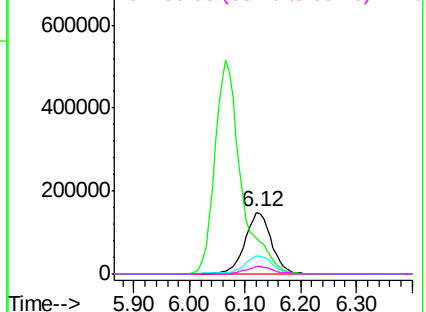
43 57.7 41.7 62.5

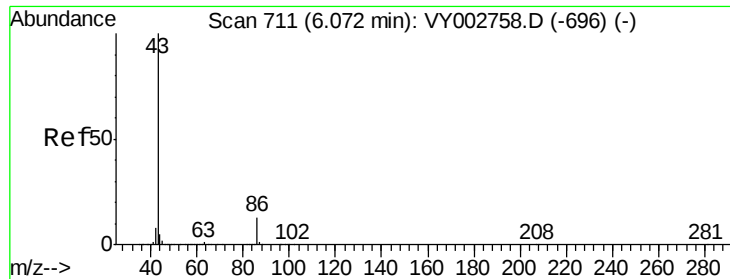
87 30.1 24.2 36.2

59 11.9 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: 277.210 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY002809.D

Acq: 01 Jun 2020 16:19

Instrument :

MSVOA_Y

ClientSampleId :

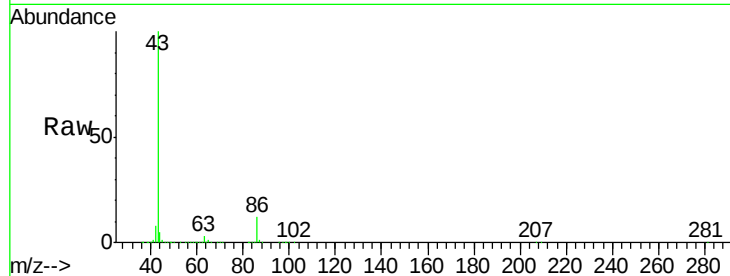
VSTDCCC050EC

Tot Ion: 43 Resp: 1683690

Ion Ratio Lower Upper

43 100

86 12.1 10.2 15.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

600000

500000

400000

300000

200000

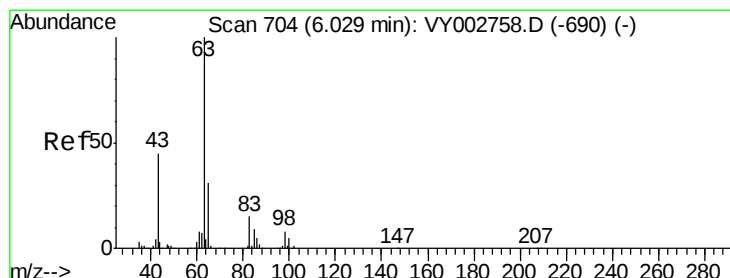
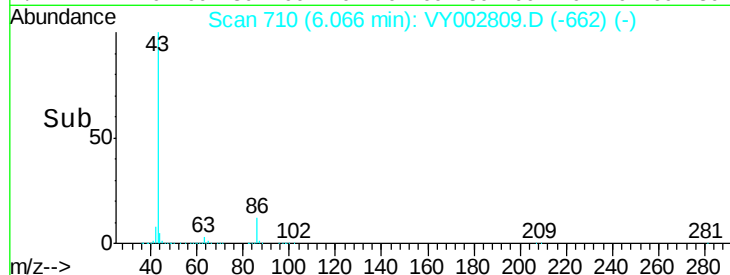
100000

0

6.07

5.90 6.00 6.10 6.20 6.30

Time-->



#24

1,1-Dichloroethane

Concen: 52.996 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY002809.D

Acq: 01 Jun 2020 16:19

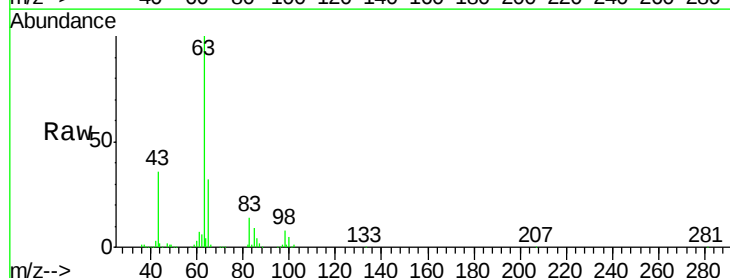
Tgt Ion: 63 Resp: 285195

Ion Ratio Lower Upper

63 100

98 7.6 4.0 12.2

100 4.8 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

120000

100000

80000

60000

40000

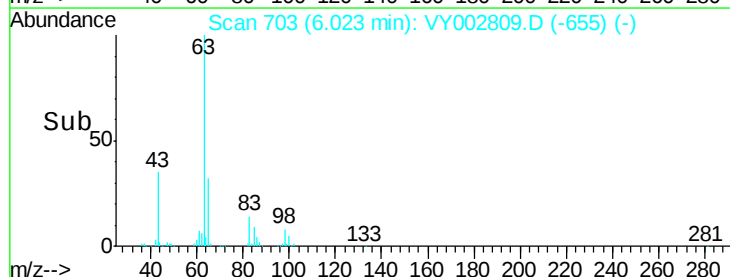
20000

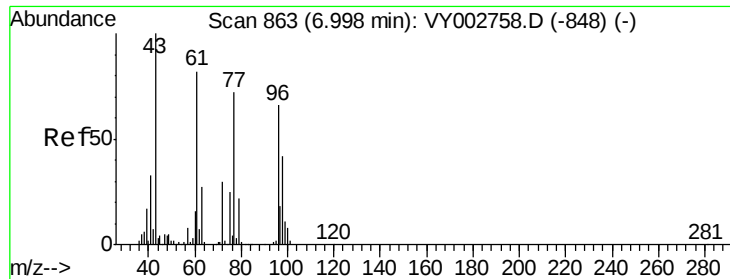
0

6.02

5.90 6.00 6.10 6.20

Time-->

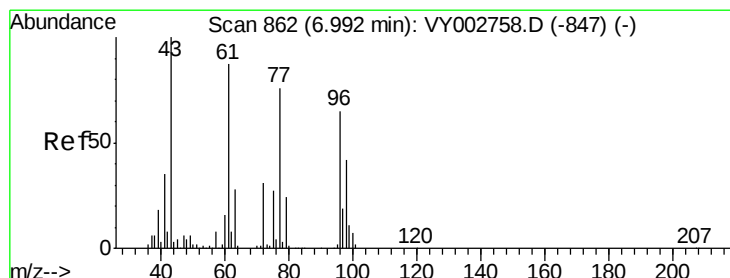
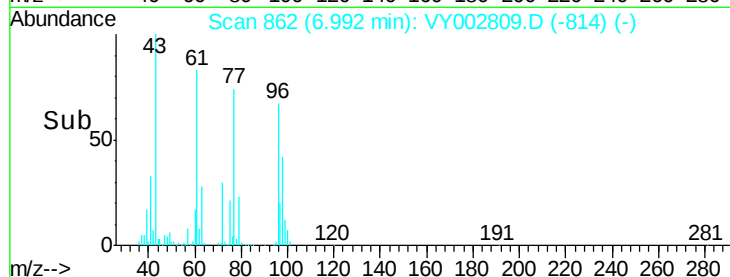
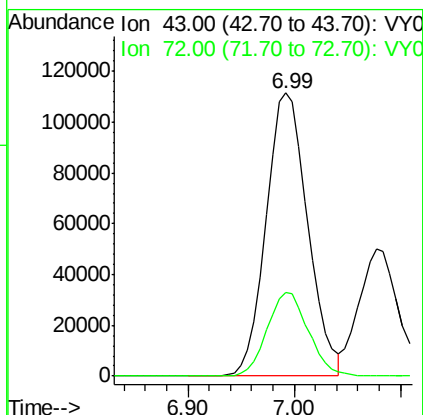
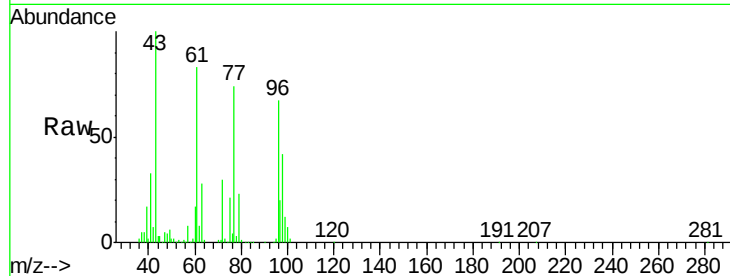




#25
2-Butanone
Concen: 262.444 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY002809.D
Acq: 01 Jun 2020 16:19

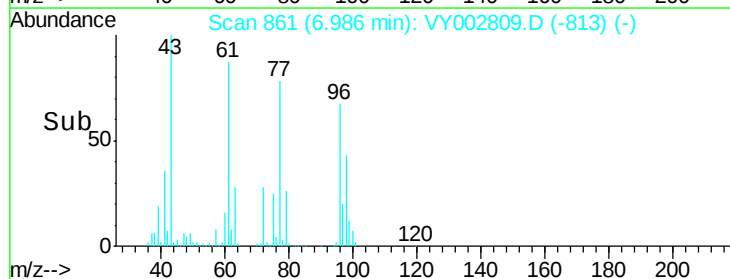
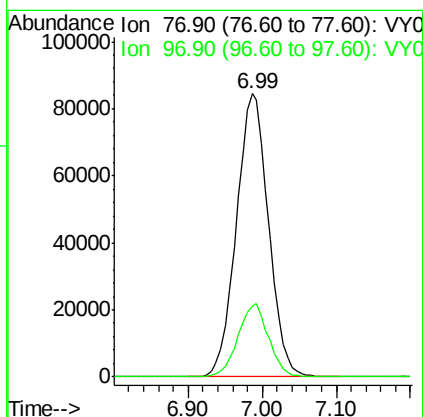
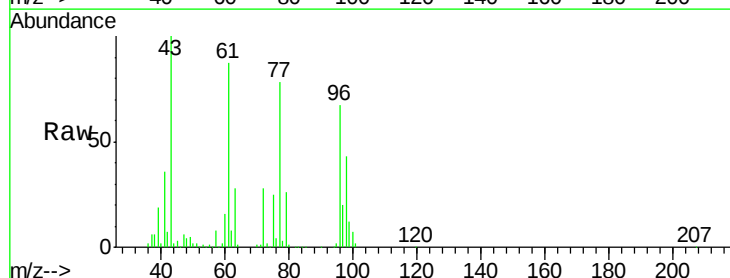
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

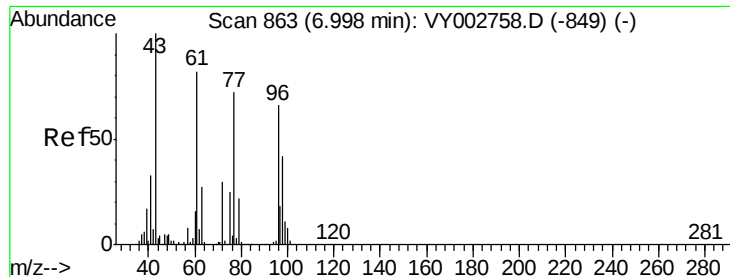
Tot Ion: 43 Resp: 302054
Ion Ratio Lower Upper
43 100
72 29.6 23.9 35.9



#26
2,2-Dichloropropane
Concen: 49.348 ug/l
RT: 6.99 min Scan# 861
Delta R.T. -0.01 min
Lab File: VY002809.D
Acq: 01 Jun 2020 16:19

Tgt Ion: 77 Resp: 254692
Ion Ratio Lower Upper
77 100
97 24.7 12.2 36.6



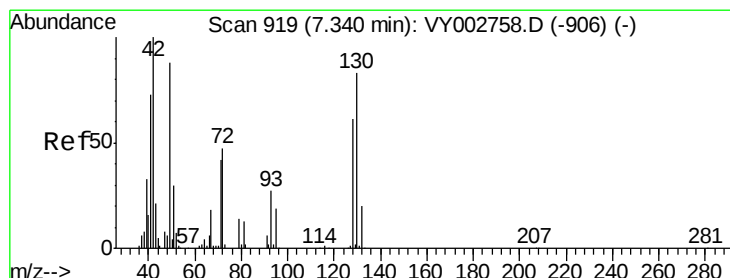
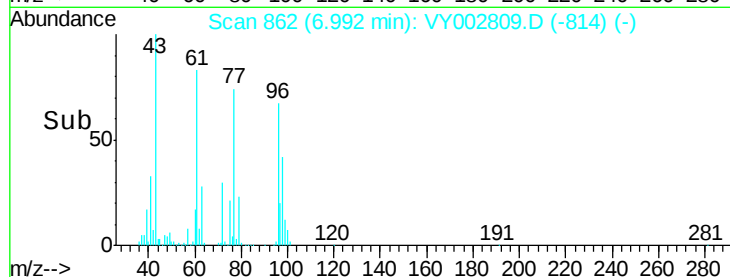
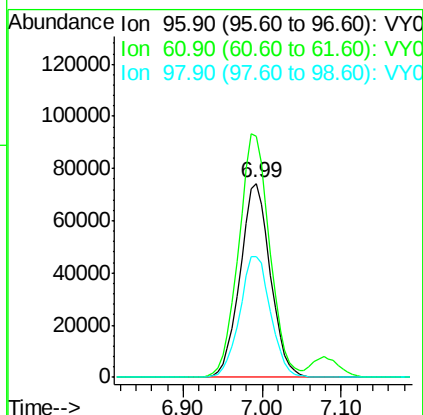
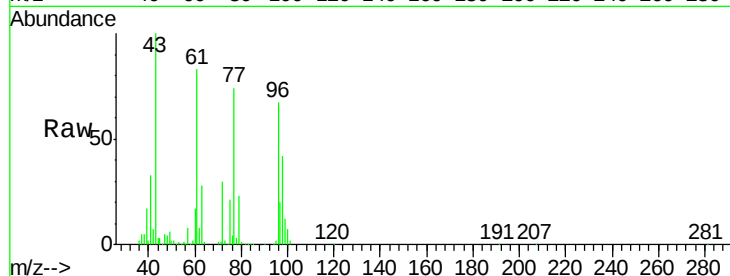


#27

cis-1,2-Dichloroethene
 Concen: 51.091 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VY002809.D
 Acq: 01 Jun 2020 16:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

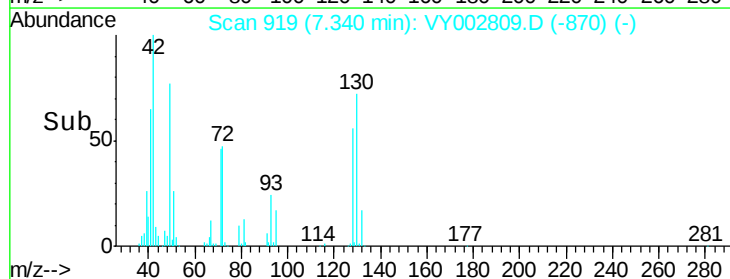
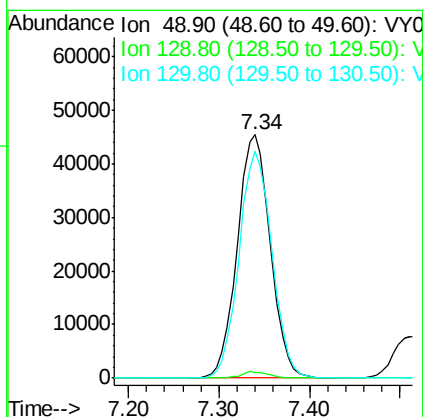
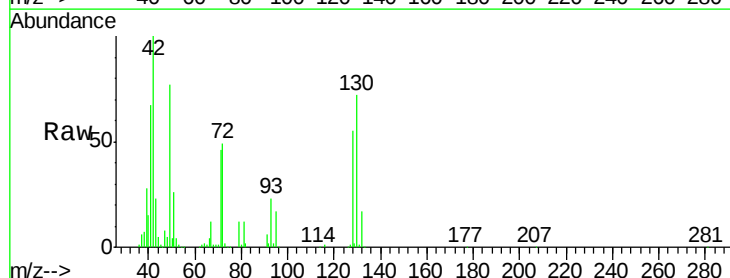
Tot Ion	Ratio	Lower	Upper
96	100		
61	128.8	0.0	260.2
98	63.8	0.0	128.2

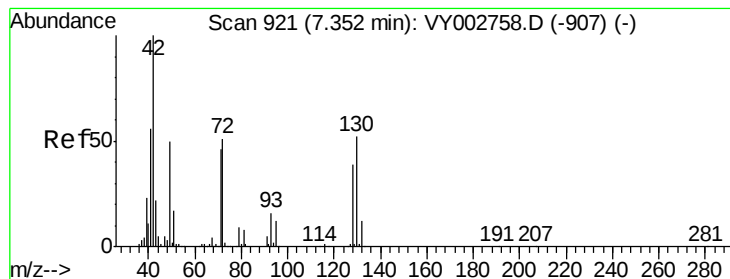


#28

Bromochloromethane
 Concen: 51.962 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: VY002809.D
 Acq: 01 Jun 2020 16:19

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	5.2
130	92.7	77.1	115.7





#29

Tetrahydrofuran

Concen: 264.150 ug/l

RT: 7.35 min Scan# 921

Delta R.T. 0.00 min

Lab File: VY002809.D

Acq: 01 Jun 2020 16:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

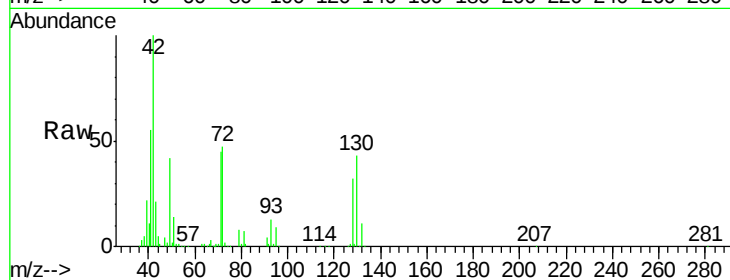
Tot Ion: 42 Resp: 197752

Ion Ratio Lower Upper

42 100

72 48.0 38.6 58.0

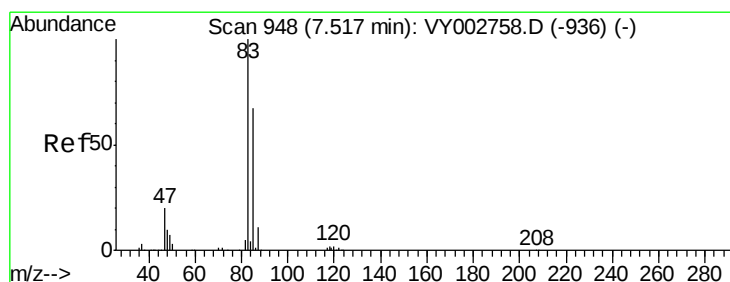
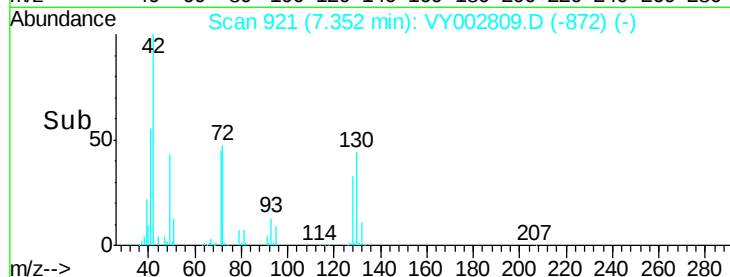
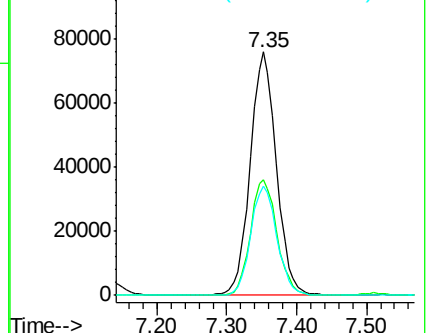
71 44.9 35.8 53.8



Abundance Ion 42.00 (41.70 to 42.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

Ion 71.00 (70.70 to 71.70): VY0



#30

Chloroform

Concen: 51.683 ug/l

RT: 7.51 min Scan# 947

Delta R.T. -0.01 min

Lab File: VY002809.D

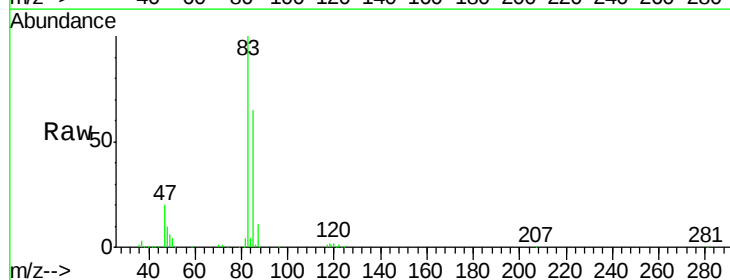
Acq: 01 Jun 2020 16:19

Tgt Ion: 83 Resp: 295137

Ion Ratio Lower Upper

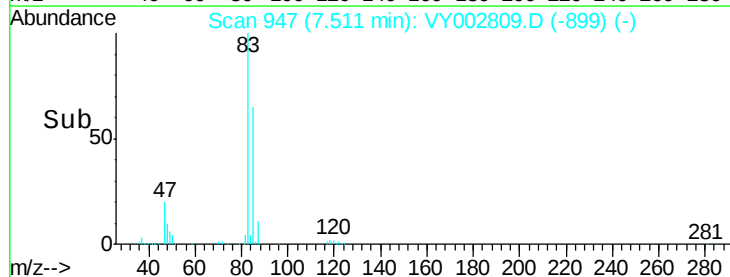
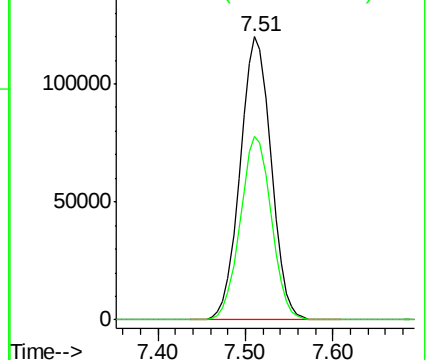
83 100

85 64.8 53.8 80.8



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 48.541 ug/l

RT: 7.78 min Scan# 992

Delta R.T. -0.01 min

Lab File: VY002809.D

Acq: 01 Jun 2020 16:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

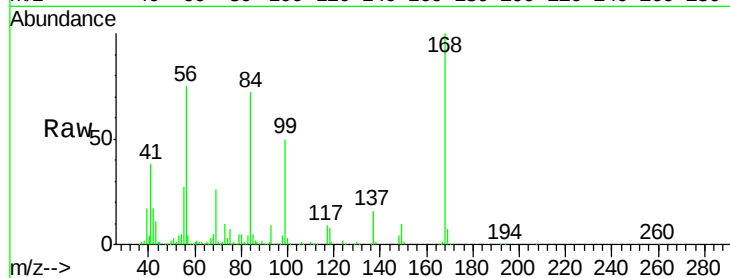
Tot Ion: 56 Resp: 259355

Ion Ratio Lower Upper

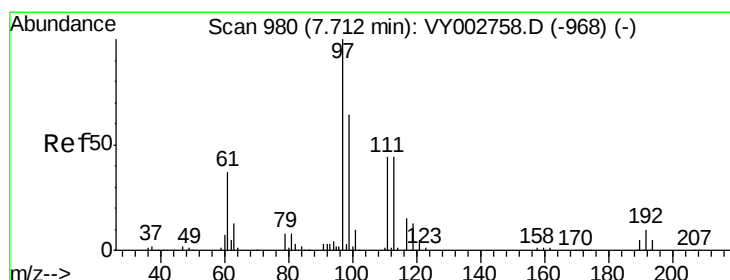
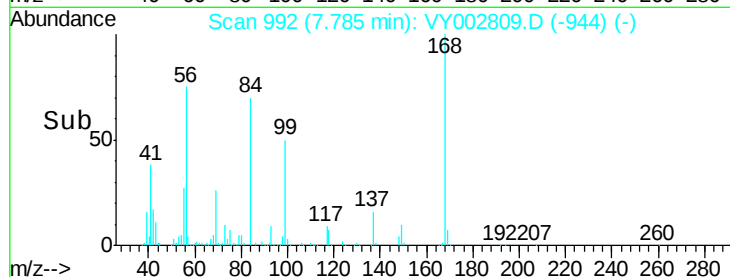
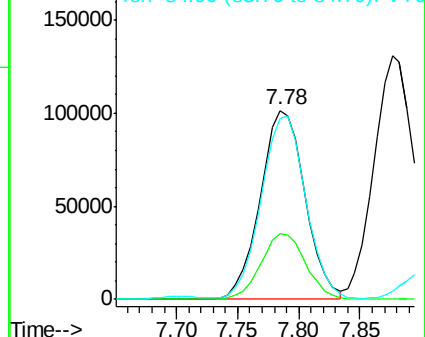
56 100

69 35.0 28.0 42.0

84 94.3 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: 49.900 ug/l

RT: 7.71 min Scan# 979

Delta R.T. -0.01 min

Lab File: VY002809.D

Acq: 01 Jun 2020 16:19

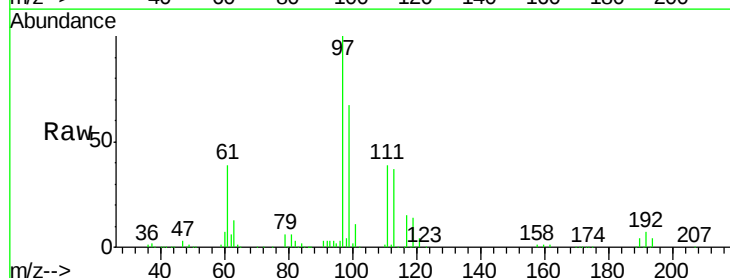
Tgt Ion: 97 Resp: 265534

Ion Ratio Lower Upper

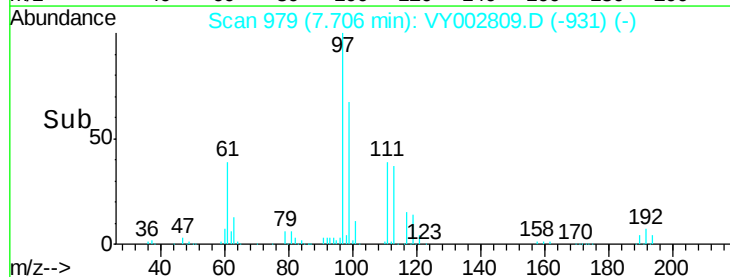
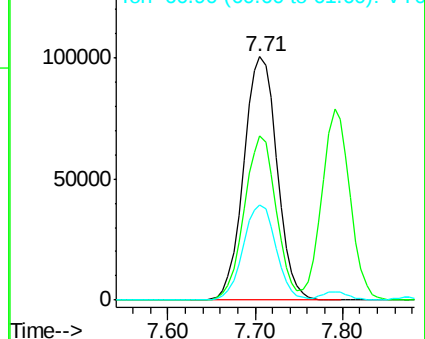
97 100

99 64.7 51.4 77.0

61 38.7 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

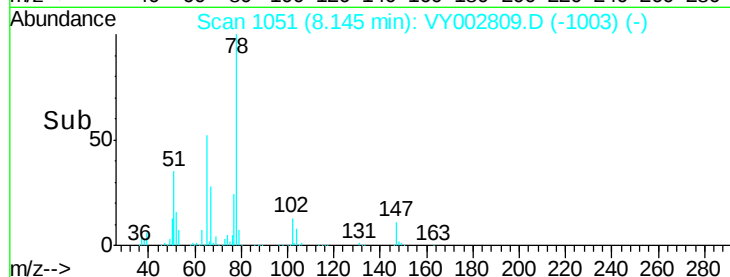
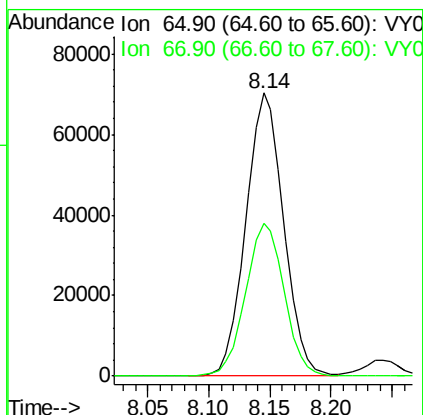
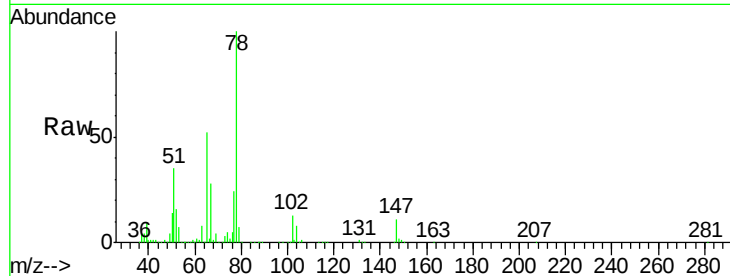




#33
 1,2-Dichloroethane-d4
 Concen: 47.956 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: VY002809.D
 Acq: 01 Jun 2020 16:19

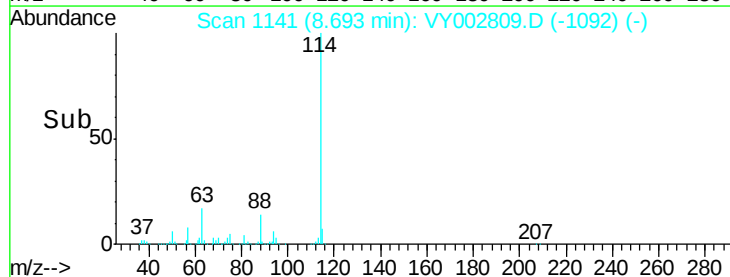
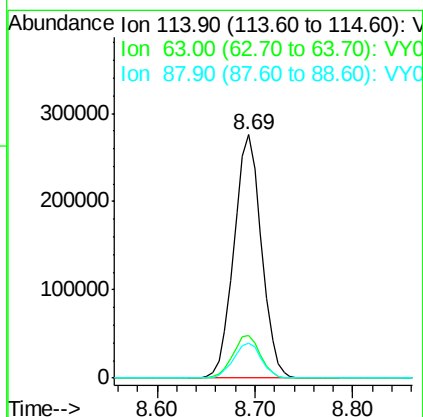
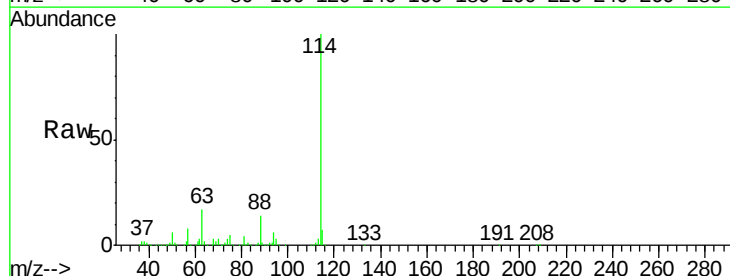
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 65 Resp: 151078
 Ion Ratio Lower Upper
 65 100
 67 55.1 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: VY002809.D
 Acq: 01 Jun 2020 16:19

Tgt Ion: 114 Resp: 535901
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 35.2
 88 14.3 0.0 29.2

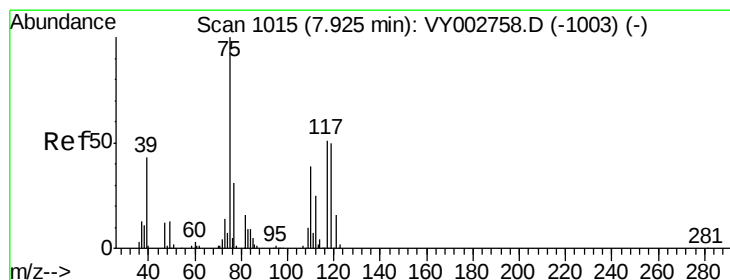
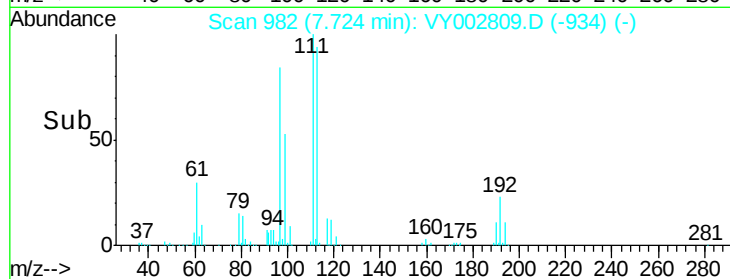
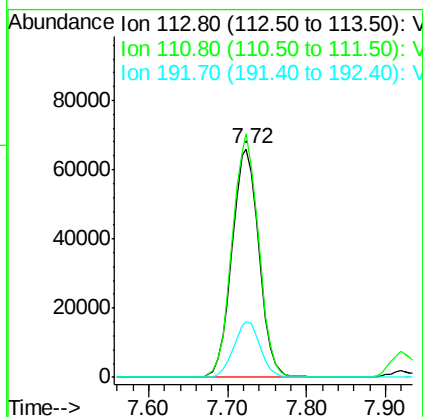
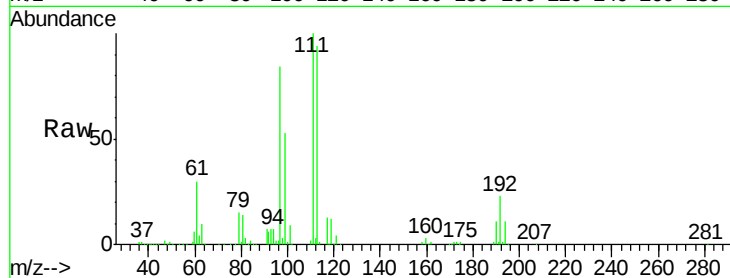




#35
 Dibromofluoromethane
 Concen: 50.067 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002809.D
 Acq: 01 Jun 2020 16:19

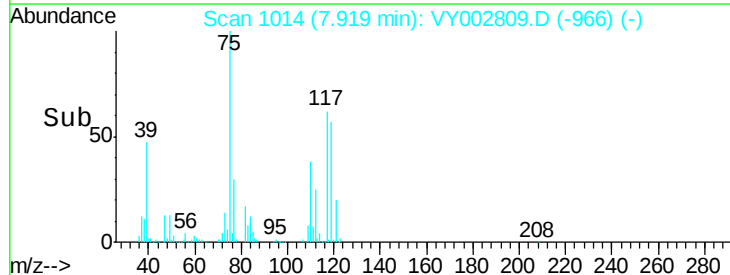
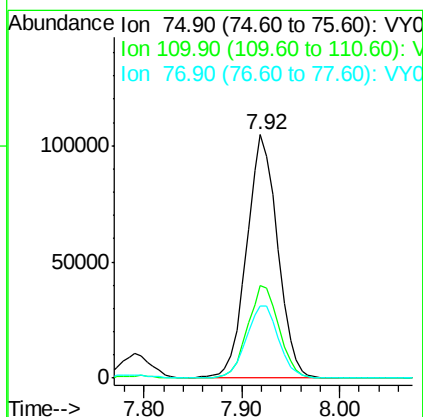
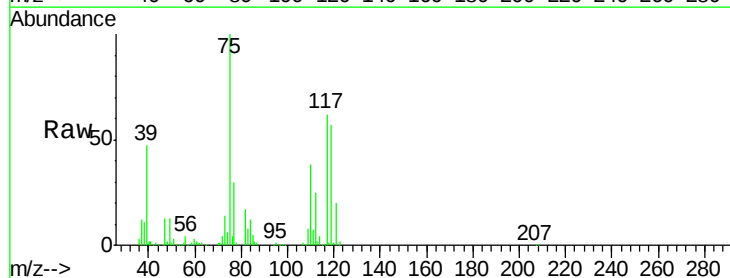
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

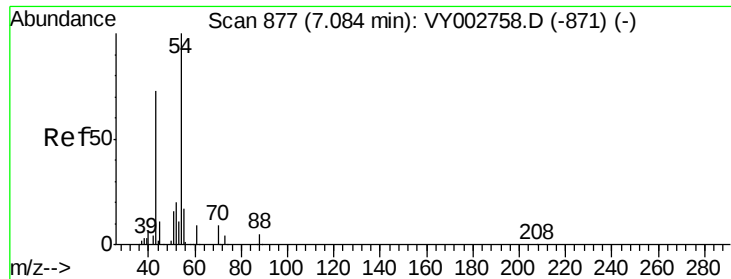
Tot Ion:113 Resp: 157243
 Ion Ratio Lower Upper
 113 100
 111 104.3 82.0 123.0
 192 23.6 18.9 28.3



#36
 1,1-Dichloropropene
 Concen: 50.818 ug/l
 RT: 7.92 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: VY002809.D
 Acq: 01 Jun 2020 16:19

Tgt Ion: 75 Resp: 229405
 Ion Ratio Lower Upper
 75 100
 110 38.5 19.3 57.9
 77 31.2 24.8 37.2

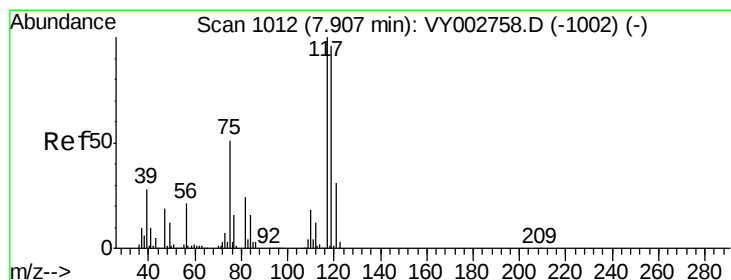
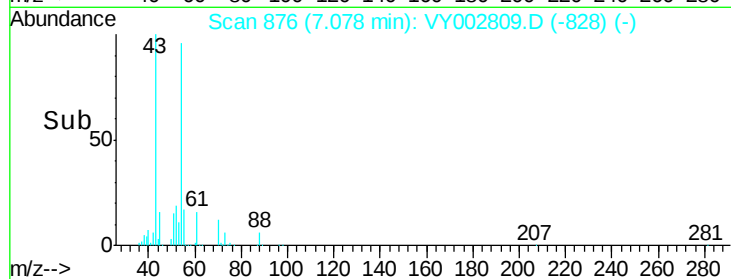
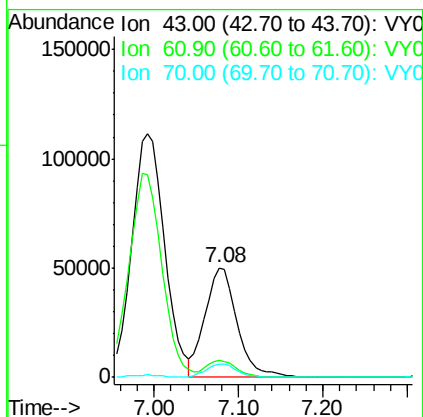
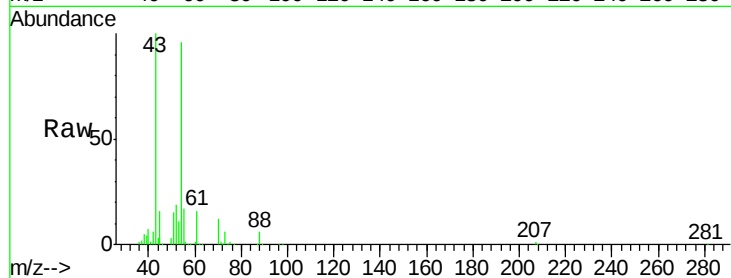




#37
Ethyl Acetate
Concen: 54.000 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY002809.D
Acq: 01 Jun 2020 16:19

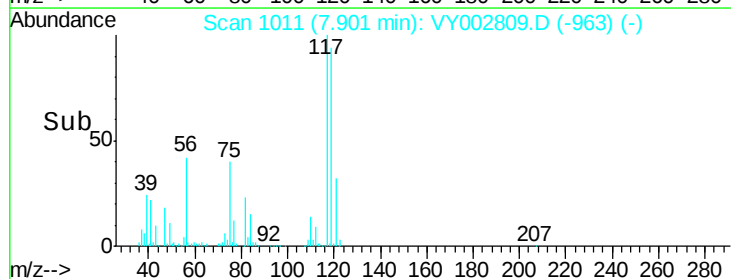
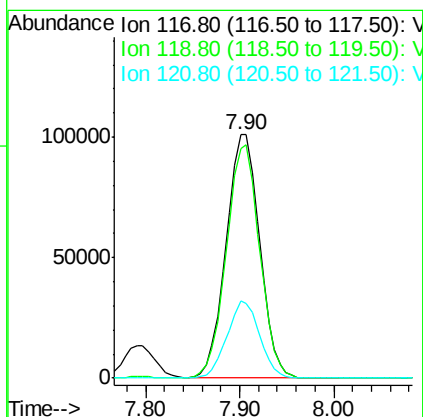
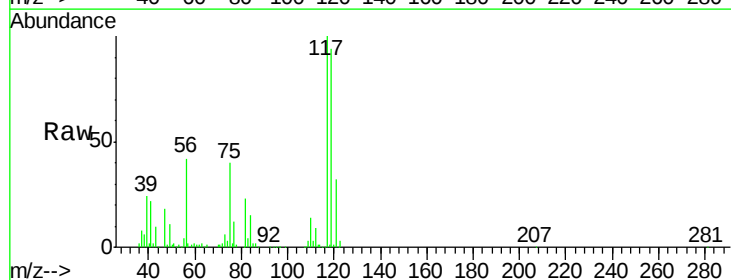
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

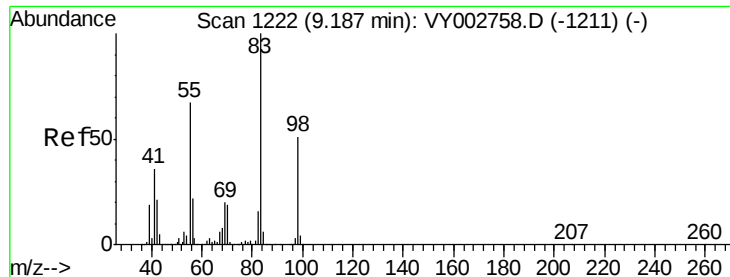
Tot Ion: 43 Resp: 132631
Ion Ratio Lower Upper
43 100
61 15.0 11.9 17.9
70 11.7 9.1 13.7



#38
Carbon Tetrachloride
Concen: 50.003 ug/l
RT: 7.90 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VY002809.D
Acq: 01 Jun 2020 16:19

Tgt Ion: 117 Resp: 250760
Ion Ratio Lower Upper
117 100
119 94.4 76.8 115.2
121 31.7 24.8 37.2

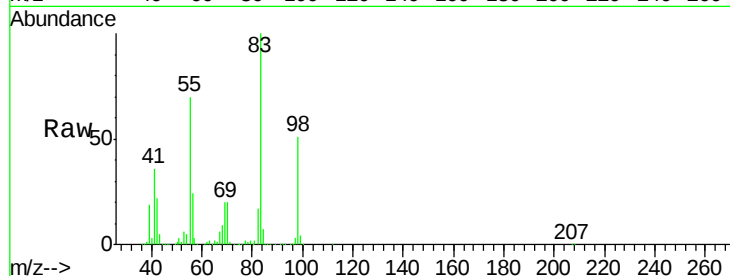




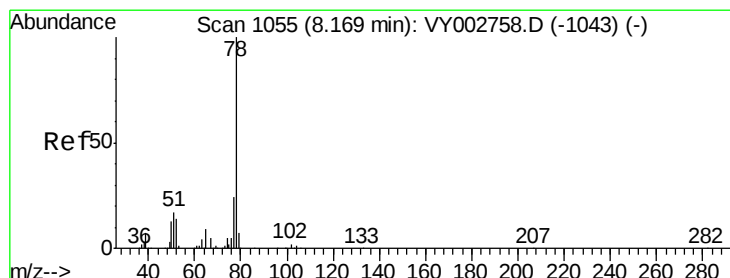
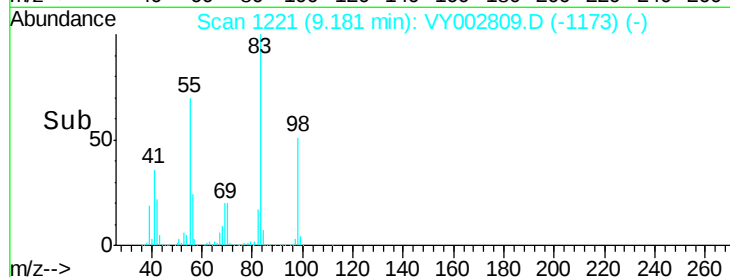
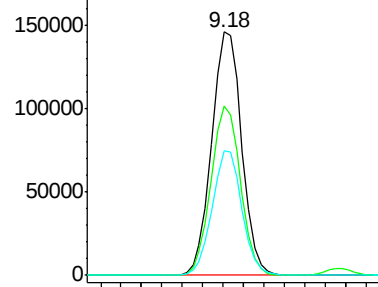
#39
Methvlcvclohexane
Concen: 49.969 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. -0.01 min
Lab File: VY002809.D
Acq: 01 Jun 2020 16:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	83	Resp	297332
Ion	Ratio	Lower	Upper
83	100		
55	69.6	53.3	79.9
98	51.3	41.1	61.7

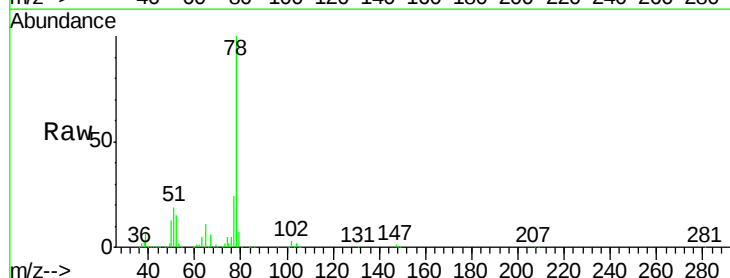


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

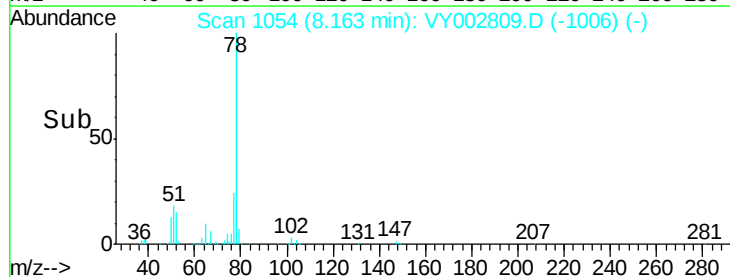
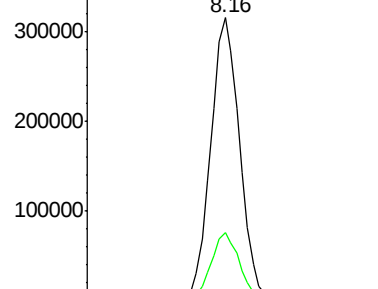


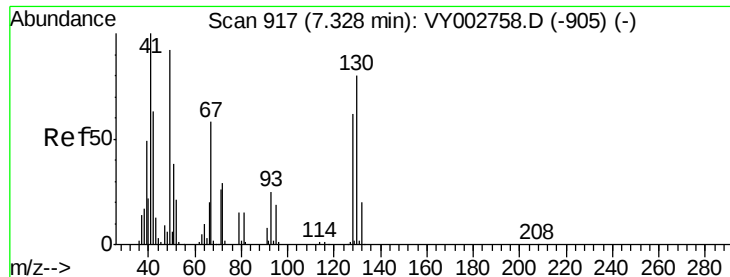
#40
Benzene
Concen: 50.780 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY002809.D
Acq: 01 Jun 2020 16:19

Tgt Ion	78	Resp	677350
Ion	Ratio	Lower	Upper
78	100		
77	24.0	18.8	28.2



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





#41

Methacrylonitrile

Concen: 56.243 ug/l m

RT: 7.33 min Scan# 917

Delta R.T. 0.00 min

Lab File: VY002809.D

Acq: 01 Jun 2020 16:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 74212

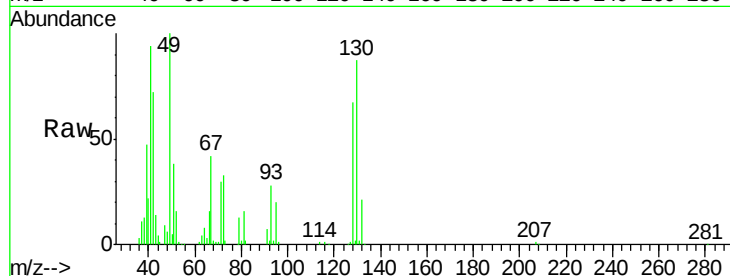
Ion Ratio Lower Upper

41 100

39 0.0 97.6 146.4#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

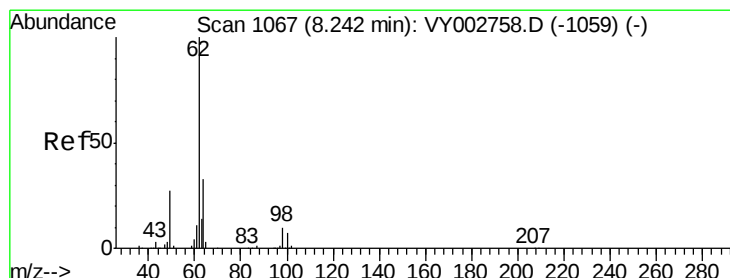
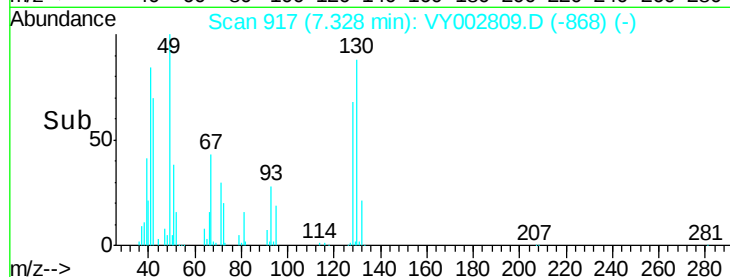
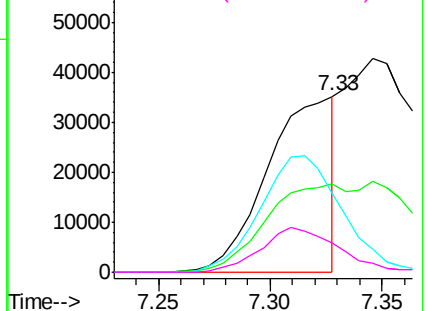


Abundance Ion 41.00 (40.70 to 41.70): VY0

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: 50.106 ug/l

RT: 8.24 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VY002809.D

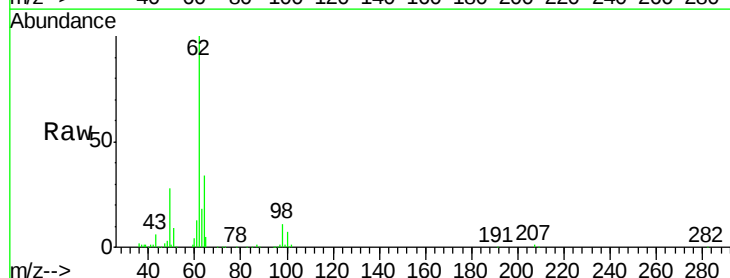
Acq: 01 Jun 2020 16:19

Tgt Ion: 62 Resp: 187308

Ion Ratio Lower Upper

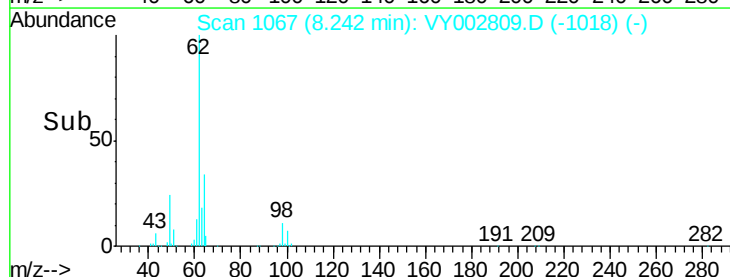
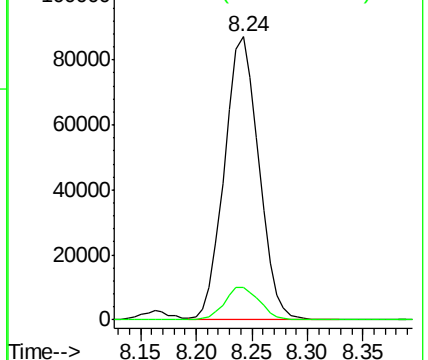
62 100

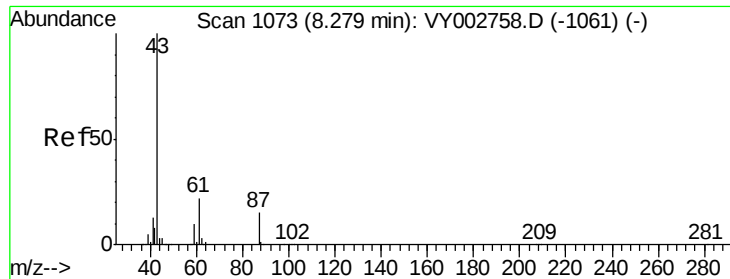
98 11.6 0.0 22.6



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



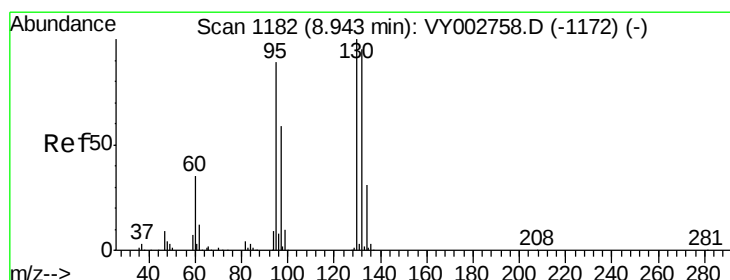
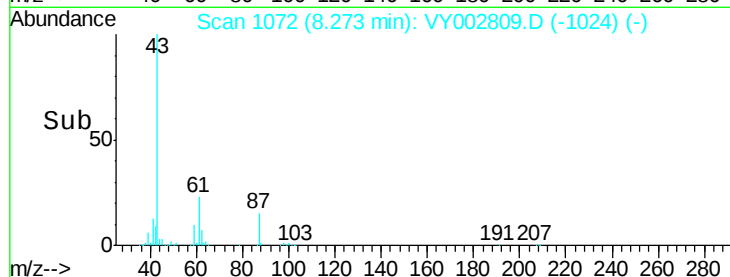
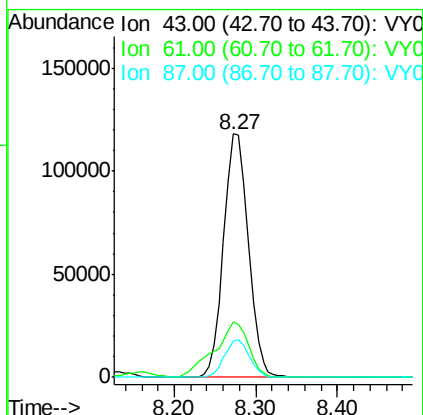
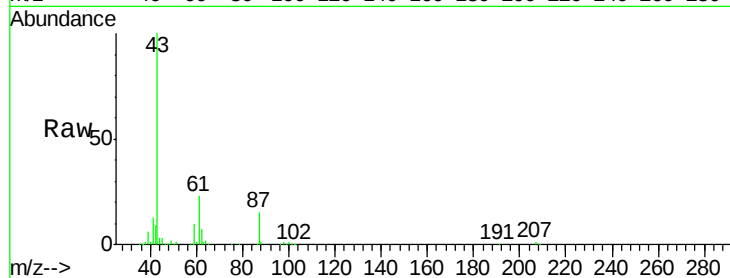


#43

Isopropyl Acetate
 Concen: 53.418 ug/l
 RT: 8.27 min Scan# 1072
 Delta R.T. -0.01 min
 Lab File: VY002809.D
 Acq: 01 Jun 2020 16:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

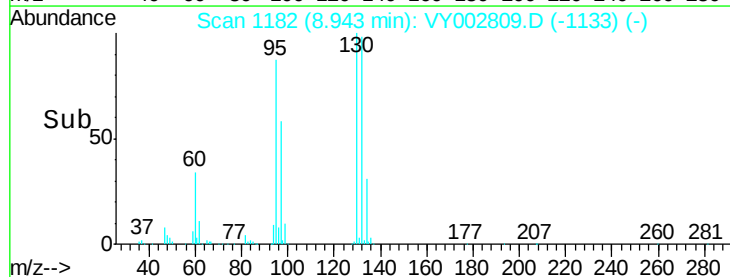
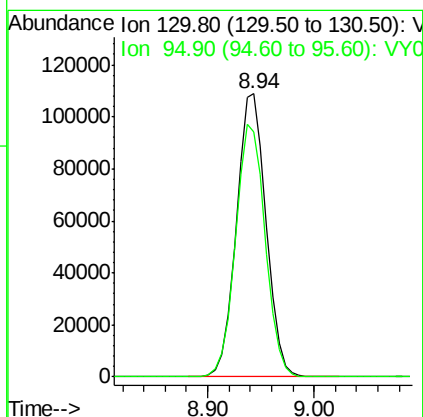
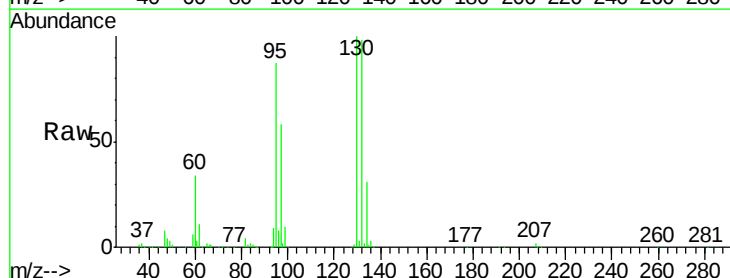
Tot Ion	43	Resp	248629
Ion Ratio	Lower	Upper	
43	100		
61	31.0	24.8	37.2
87	15.4	12.4	18.6

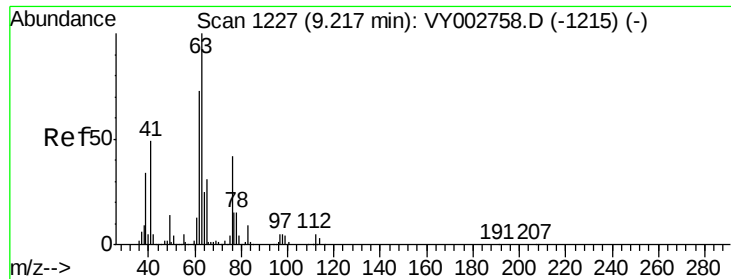


#44

Trichloroethene
 Concen: 50.487 ug/l
 RT: 8.94 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VY002809.D
 Acq: 01 Jun 2020 16:19

Tgt Ion	130	Resp	212719
Ion Ratio	Lower	Upper	
130	100		
95	86.5	0.0	178.8

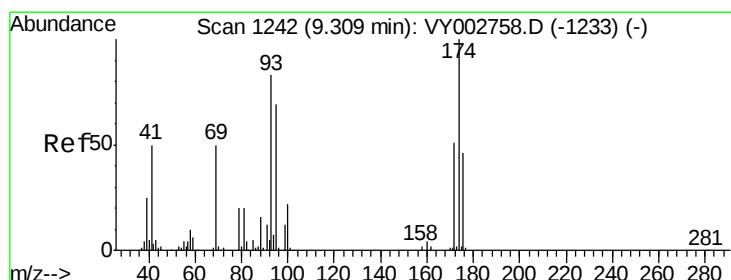
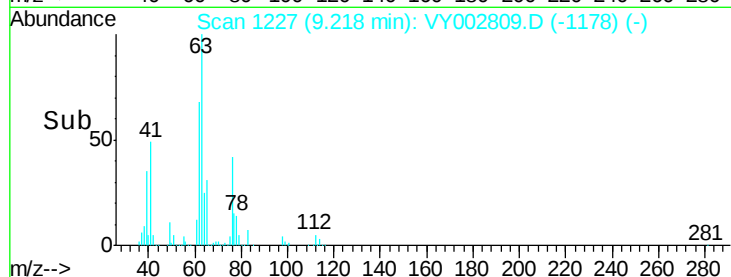
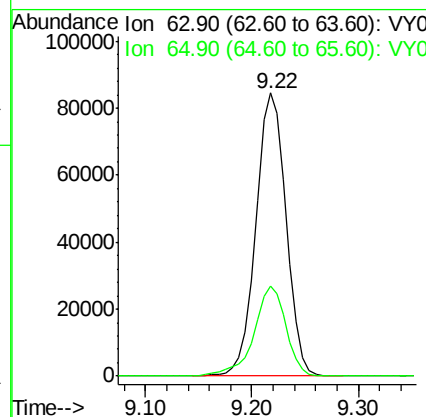
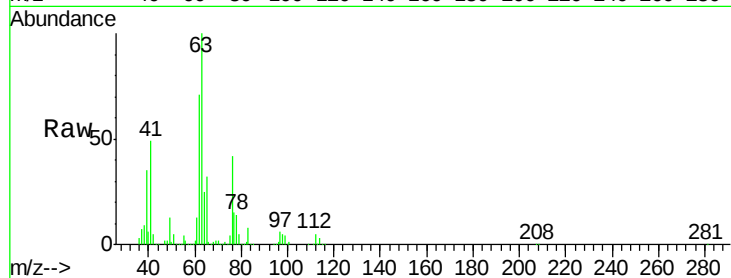




#45
 1,2-Dichloropropane
 Concen: 52.670 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY002809.D
 Acq: 01 Jun 2020 16:19

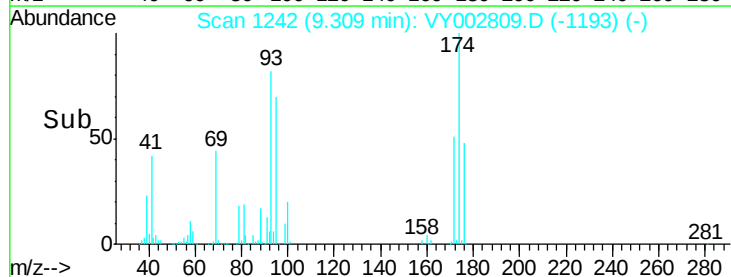
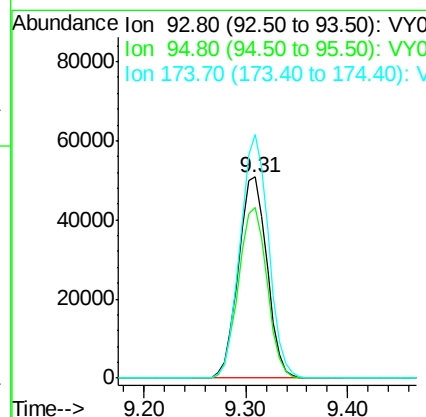
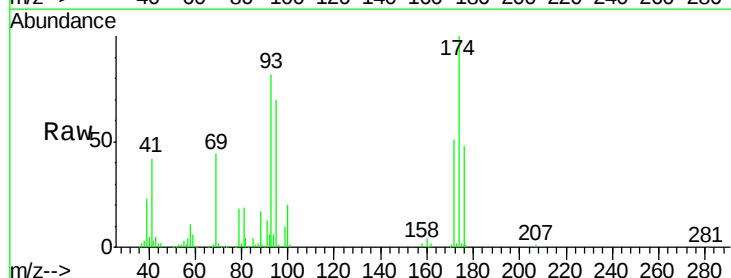
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

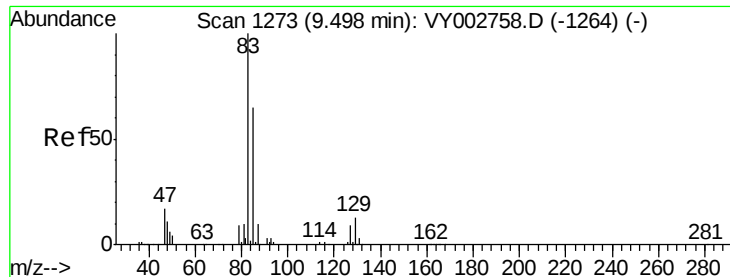
Tot Ion: 63 Resp: 168482
 Ion Ratio Lower Upper
 63 100
 65 31.7 24.8 37.2



#46
 Dibromomethane
 Concen: 51.674 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY002809.D
 Acq: 01 Jun 2020 16:19

Tgt Ion: 93 Resp: 98166
 Ion Ratio Lower Upper
 93 100
 95 85.1 66.9 100.3
 174 120.1 97.7 146.5





#47

Bromodichloromethane

Concen: 52.199 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY002809.D

Acq: 01 Jun 2020 16:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

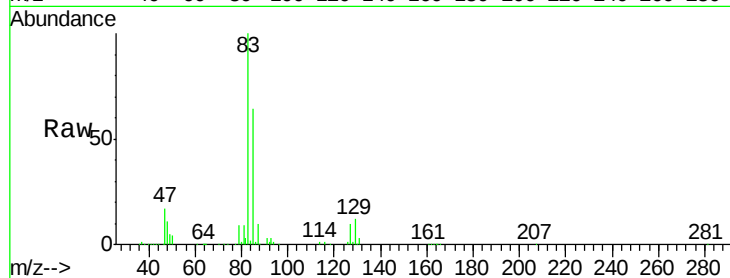
Tot Ion: 83 Resp: 233775

Ion Ratio Lower Upper

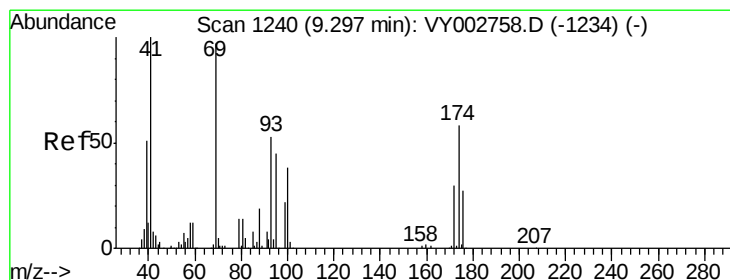
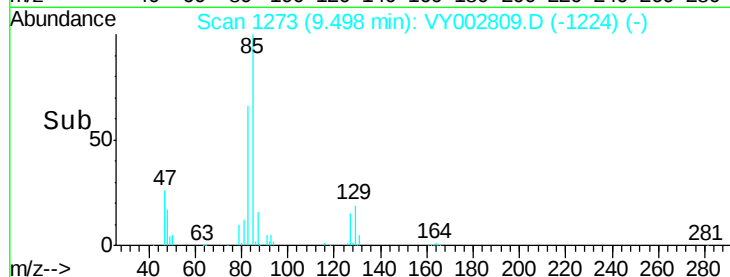
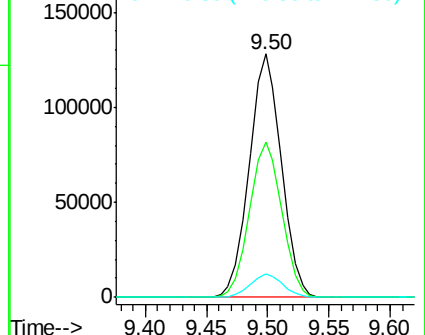
83 100

85 63.6 51.9 77.9

127 9.8 7.1 10.7



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 53.242 ug/l

RT: 9.29 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VY002809.D

Acq: 01 Jun 2020 16:19

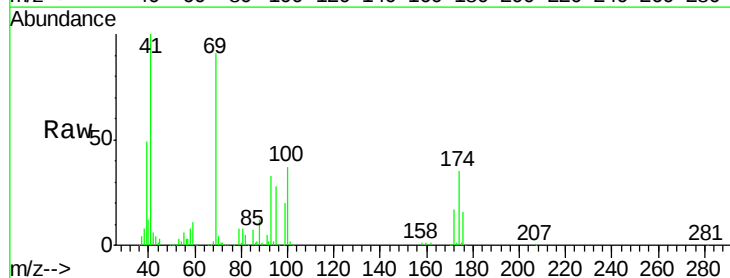
Tgt Ion: 41 Resp: 111868

Ion Ratio Lower Upper

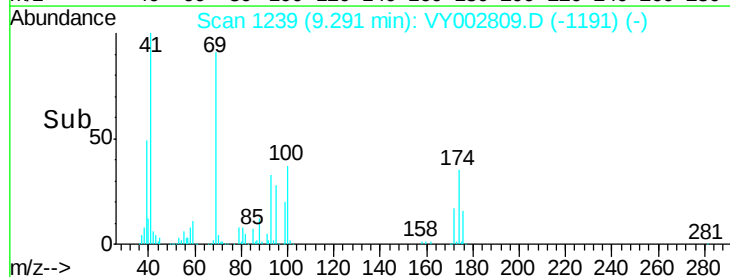
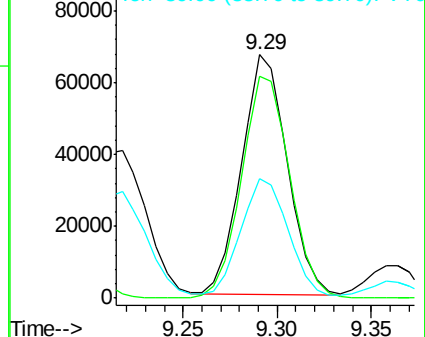
41 100

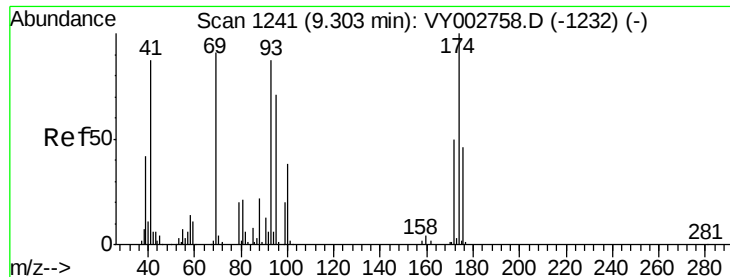
69 98.3 79.7 119.5

39 52.9 43.3 64.9



Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 39.00 (38.70 to 39.70): VY0





#49

1,4-Dioxane

Concen: 993.774 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. 0.00 min

Lab File: VY002809.D

Acq: 01 Jun 2020 16:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

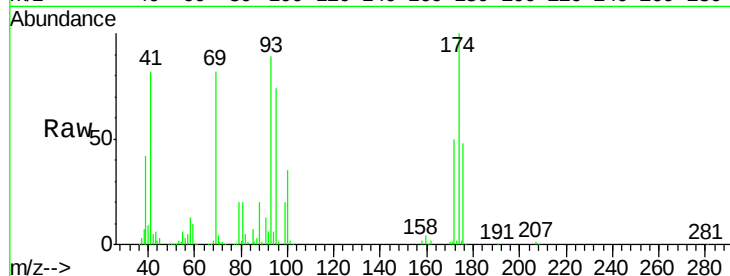
Tot Ion: 88 Resp: 28988

Ion Ratio Lower Upper

88 100

43 26.3 21.3 31.9

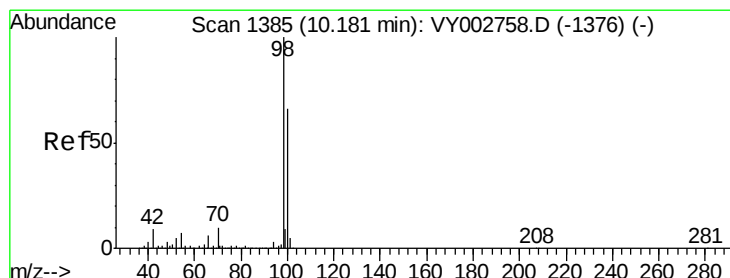
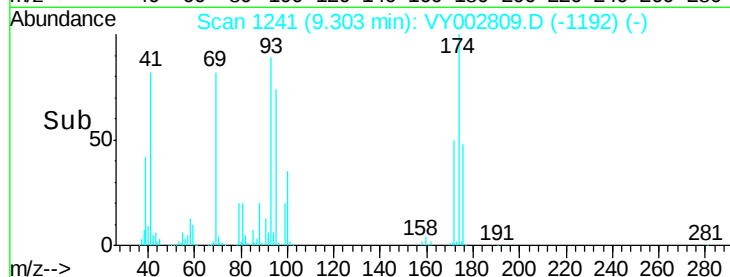
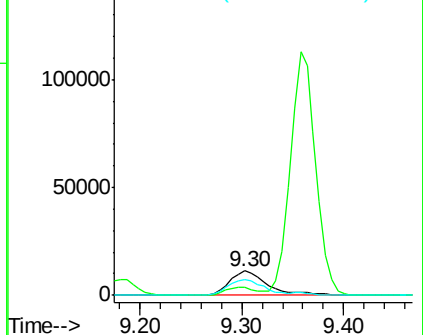
58 68.5 52.2 78.2



Abundance Ion 88.00 (87.70 to 88.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#50

Toluene-d8

Concen: 47.595 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY002809.D

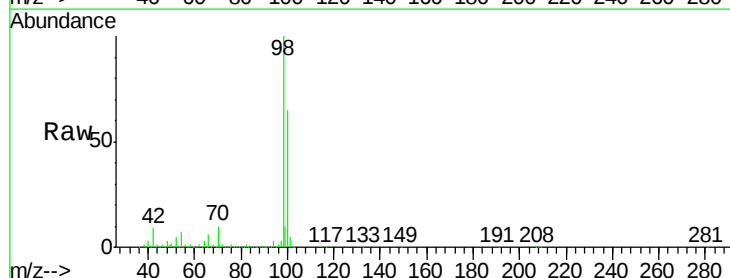
Acq: 01 Jun 2020 16:19

Tgt Ion: 98 Resp: 604385

Ion Ratio Lower Upper

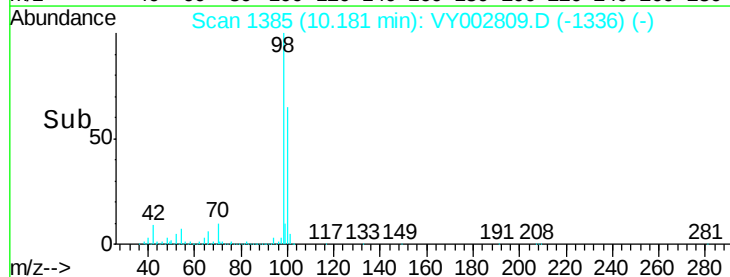
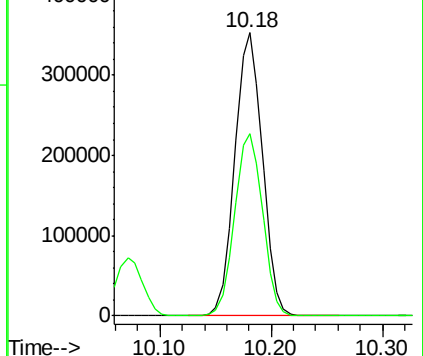
98 100

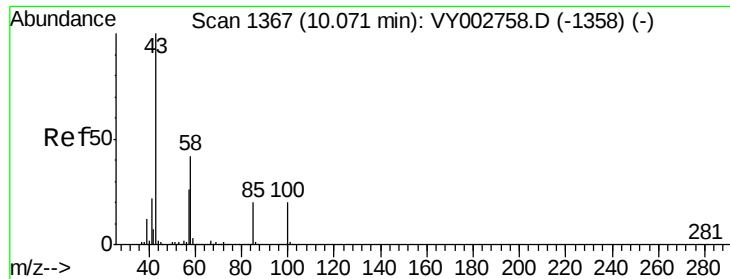
100 65.1 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0

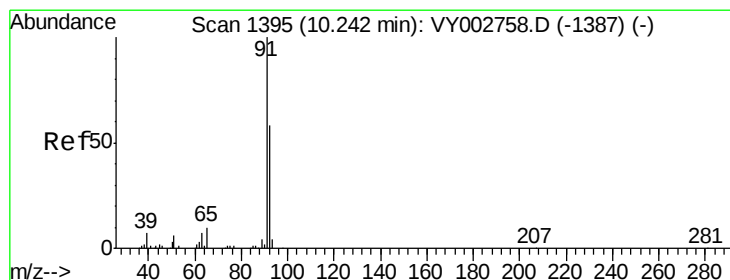
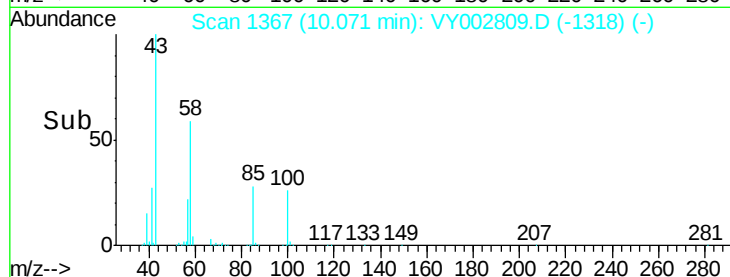
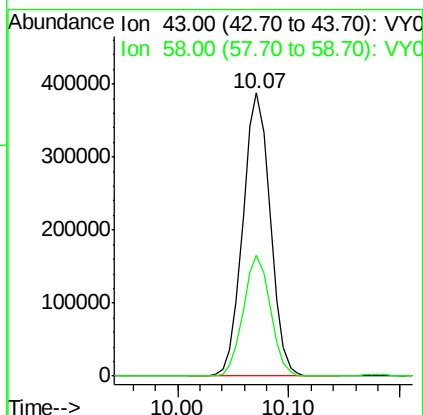
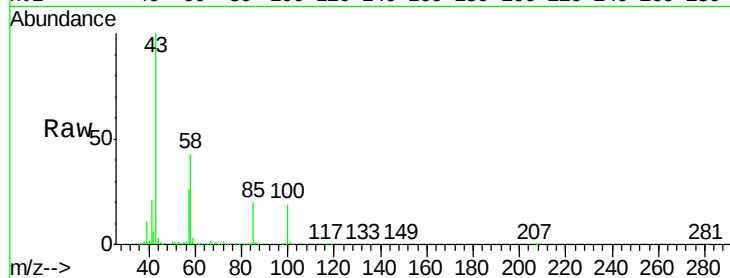




#51
 4-Methyl-2-Pentanone
 Concen: 268.557 ug/l
 RT: 10.07 min Scan# 1367
 Delta R.T. 0.00 min
 Lab File: VY002809.D
 Acq: 01 Jun 2020 16:19

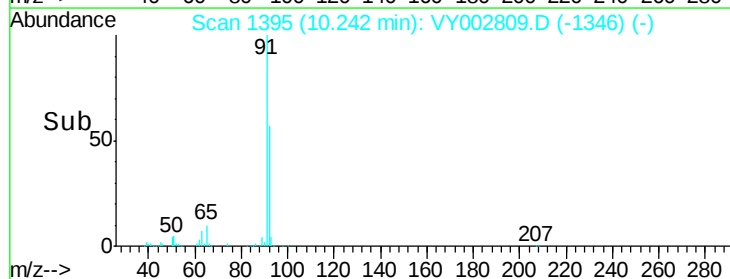
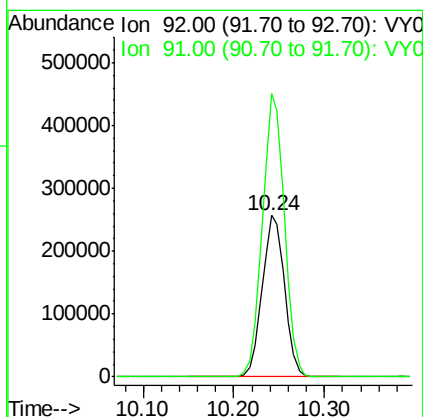
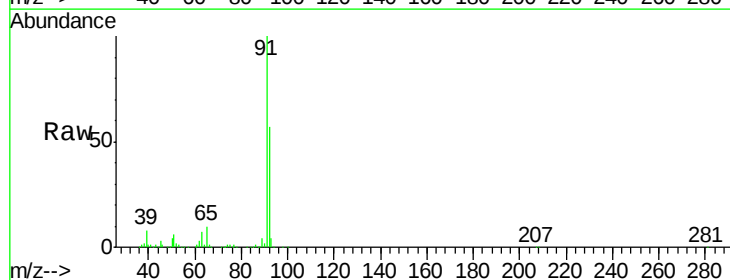
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

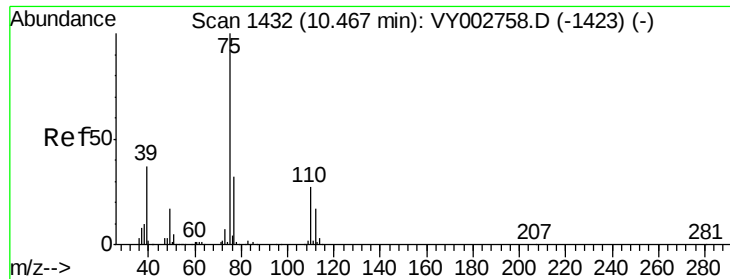
Tot Ion: 43 Resp: 661886
 Ion Ratio Lower Upper
 43 100
 58 42.2 34.2 51.2



#52
 Toluene
 Concen: 49.916 ug/l
 RT: 10.24 min Scan# 1395
 Delta R.T. 0.00 min
 Lab File: VY002809.D
 Acq: 01 Jun 2020 16:19

Tgt Ion: 92 Resp: 435566
 Ion Ratio Lower Upper
 92 100
 91 173.4 138.5 207.7





#53

t-1,3-Dichloropropene

Concen: 51.704 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY002809.D

Acq: 01 Jun 2020 16:19

Instrument :

MSVOA_Y

ClientSampleId :

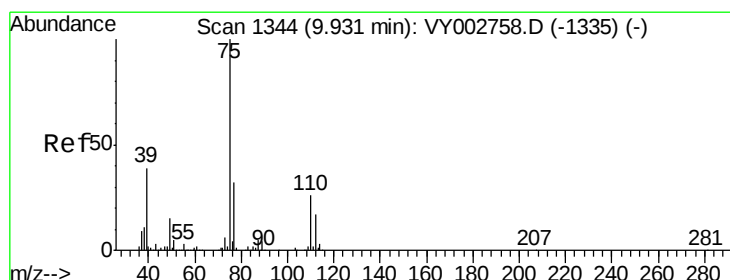
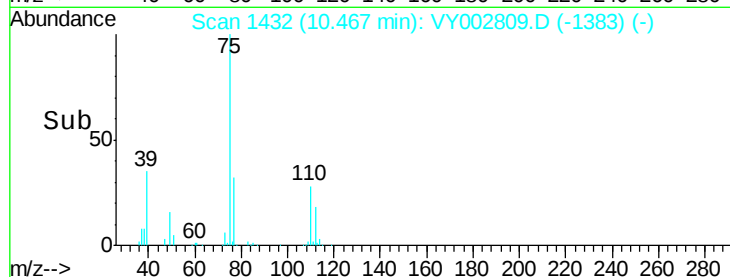
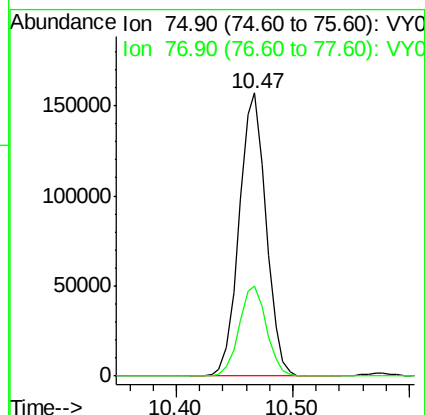
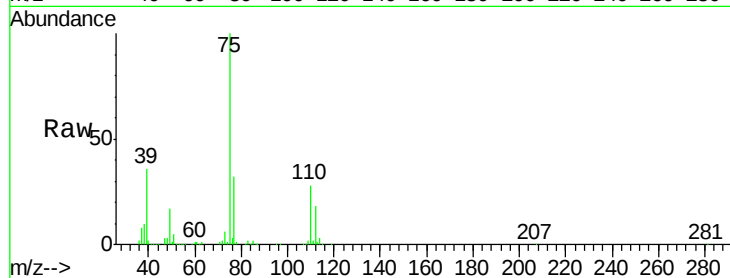
VSTDCCC050EC

Tot Ion: 75 Resp: 252919

Ion Ratio Lower Upper

75 100

77 31.8 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 51.989 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY002809.D

Acq: 01 Jun 2020 16:19

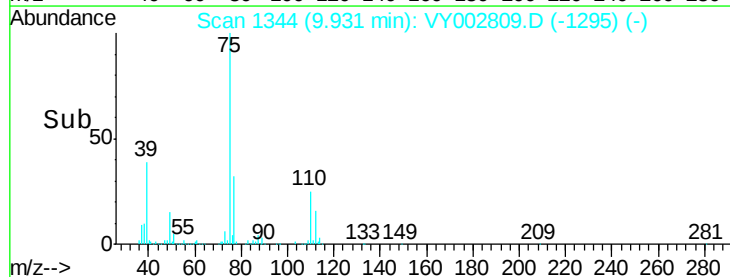
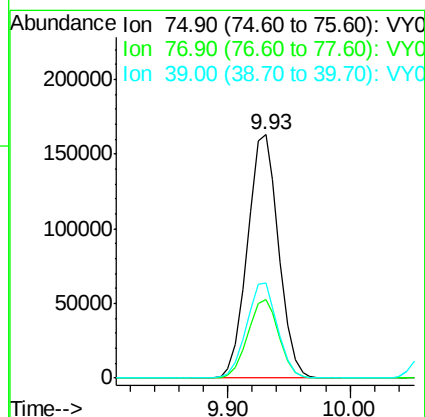
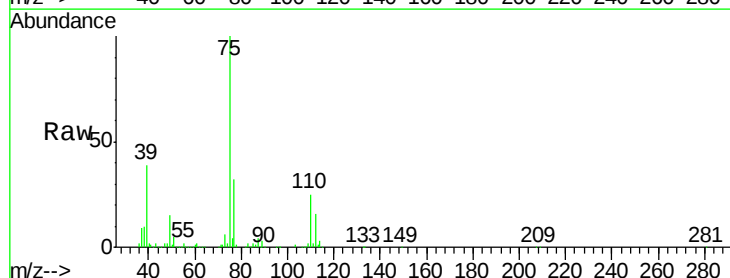
Tgt Ion: 75 Resp: 288164

Ion Ratio Lower Upper

75 100

77 32.1 25.6 38.4

39 39.1 31.3 46.9



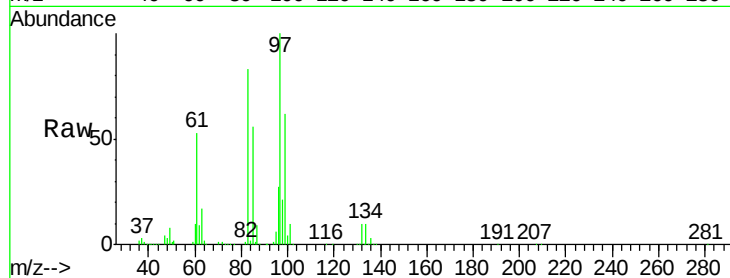


#55
 1,1,2-Trichloroethane
 Concen: 51.099 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY002809.D
 Acq: 01 Jun 2020 16:19

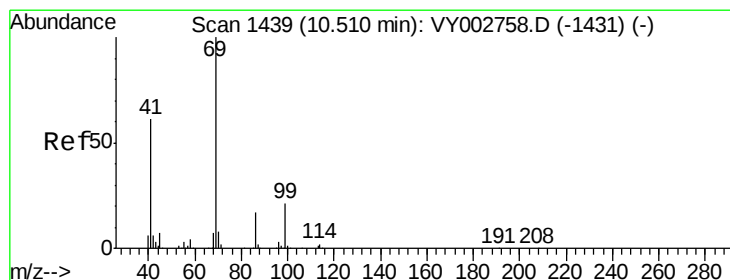
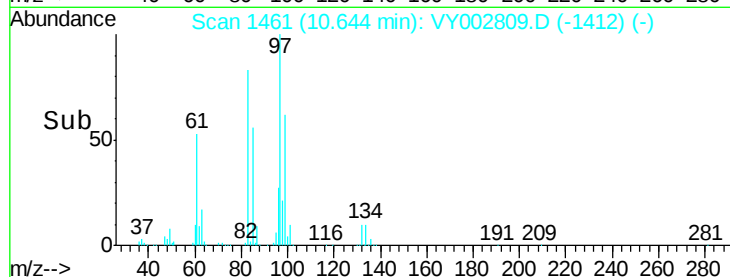
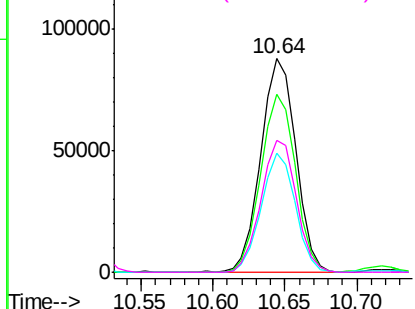
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 97 Resp: 148617

Ion	Ratio	Lower	Upper
97	100		
83	83.3	62.7	94.1
85	55.6	40.6	60.8
99	62.0	48.2	72.4



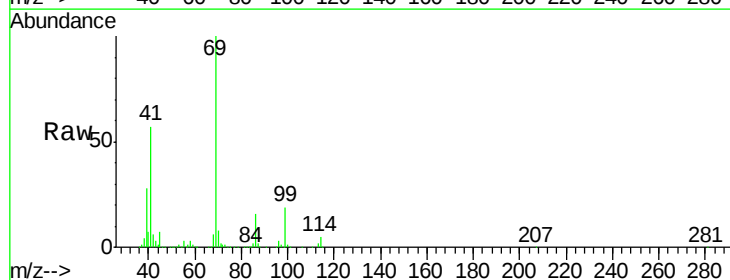
Abundance Ion 96.90 (96.60 to 97.60): VY0
 Ion 82.90 (82.60 to 83.60): VY0
 Ion 84.90 (84.60 to 85.60): VY0
 Ion 98.90 (98.60 to 99.60): VY0



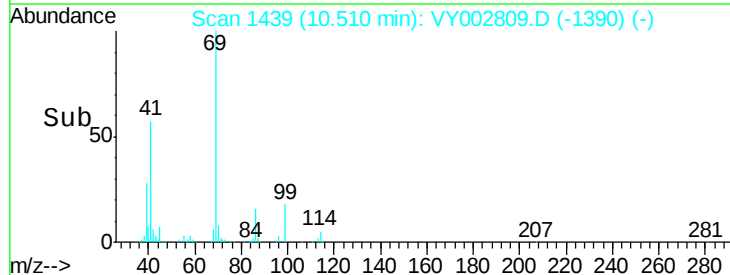
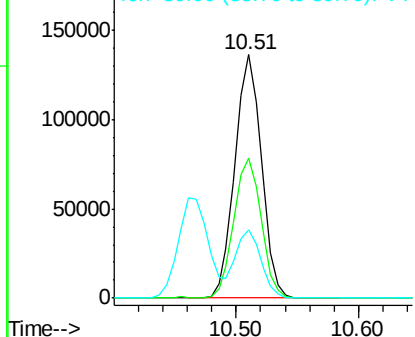
#56
 Ethyl methacrylate
 Concen: 52.826 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY002809.D
 Acq: 01 Jun 2020 16:19

Tgt Ion: 69 Resp: 205788

Ion	Ratio	Lower	Upper
69	100		
41	58.6	47.0	70.4
39	26.2	22.0	33.0



Abundance Ion 69.00 (68.70 to 69.70): VY0
 Ion 41.00 (40.70 to 41.70): VY0
 Ion 39.00 (38.70 to 39.70): VY0





#57

1,3-Dichloropropane

Concen: 50.778 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY002809.D

Acq: 01 Jun 2020 16:19

Instrument :

MSVOA_Y

ClientSampleId :

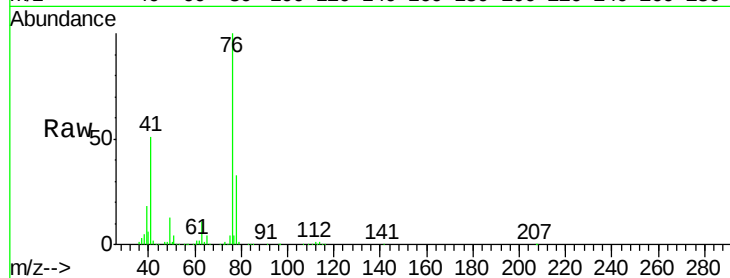
VSTDCCC050EC

Tot Ion: 76 Resp: 242909

Ion Ratio Lower Upper

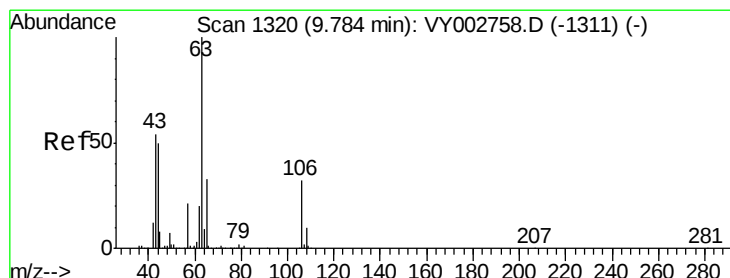
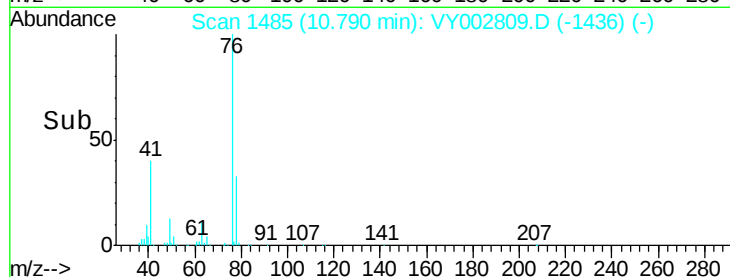
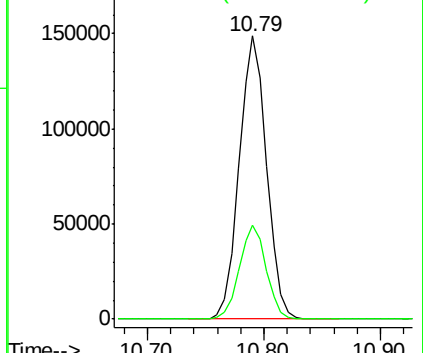
76 100

78 32.5 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 263.462 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY002809.D

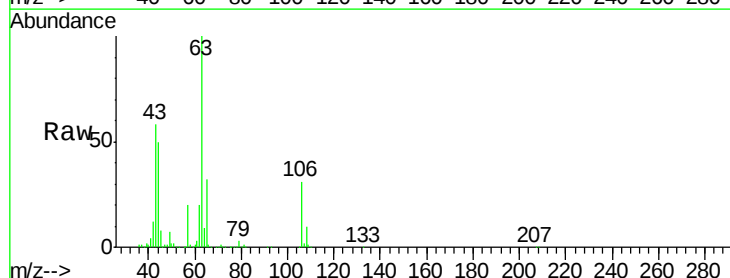
Acq: 01 Jun 2020 16:19

Tgt Ion: 63 Resp: 501494

Ion Ratio Lower Upper

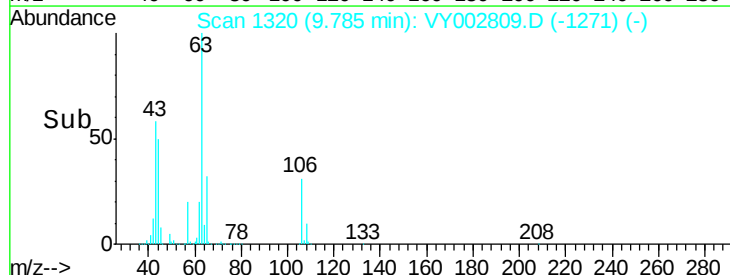
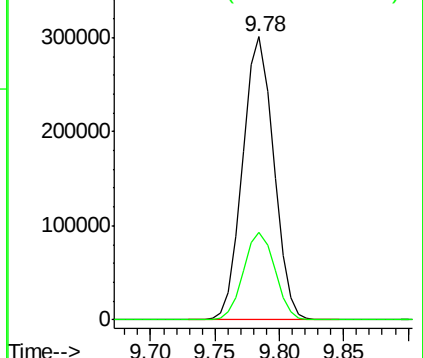
63 100

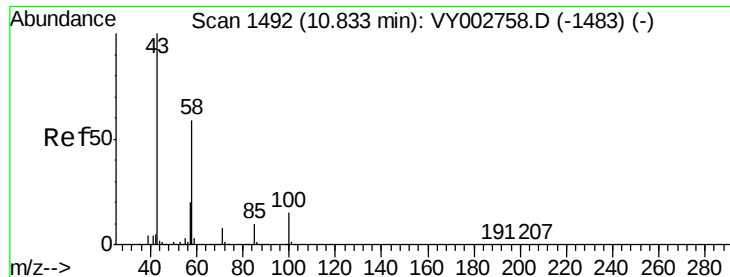
106 31.3 25.4 38.2



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

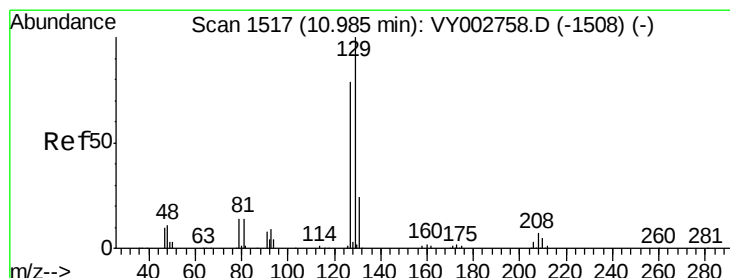
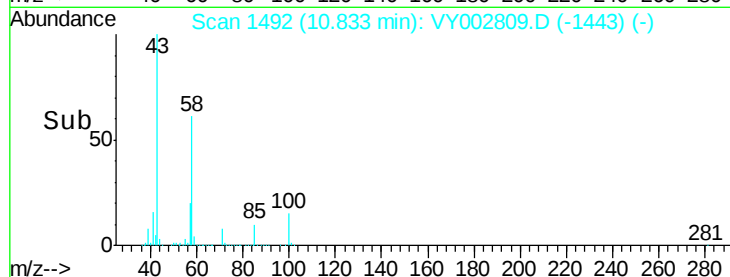
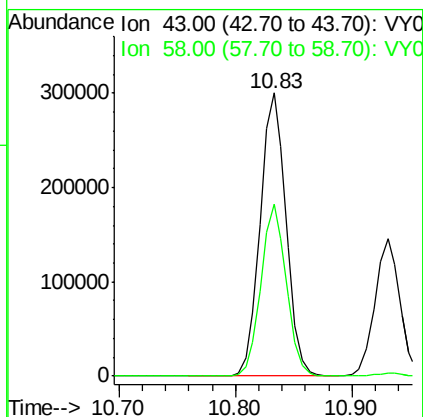
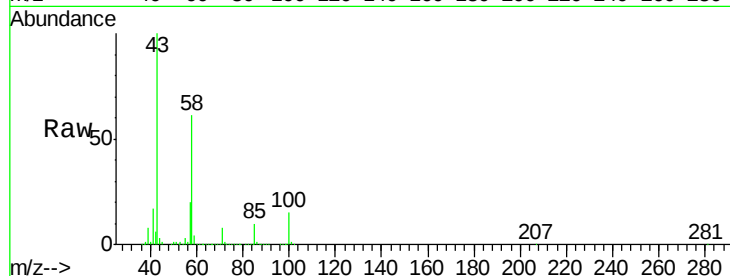




#59
2-Hexanone
Concen: 266.798 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY002809.D
Acq: 01 Jun 2020 16:19

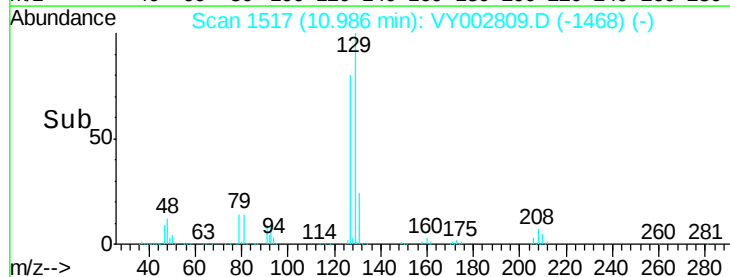
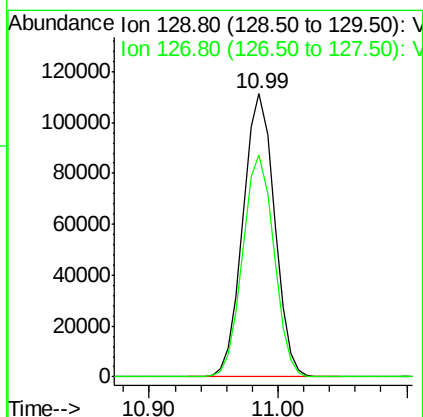
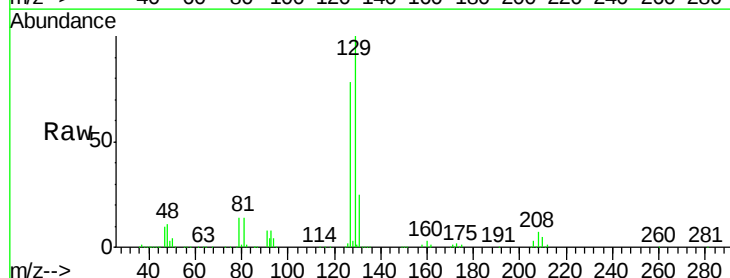
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

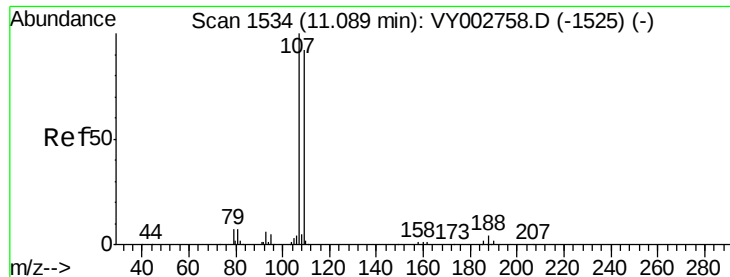
Tot Ion: 43 Resp: 466549
Ion Ratio Lower Upper
43 100
58 59.2 29.5 88.5



#60
Dibromochloromethane
Concen: 51.066 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY002809.D
Acq: 01 Jun 2020 16:19

Tgt Ion: 129 Resp: 188299
Ion Ratio Lower Upper
129 100
127 77.6 38.5 115.3

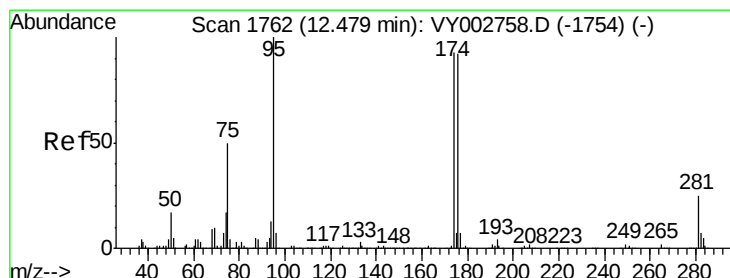
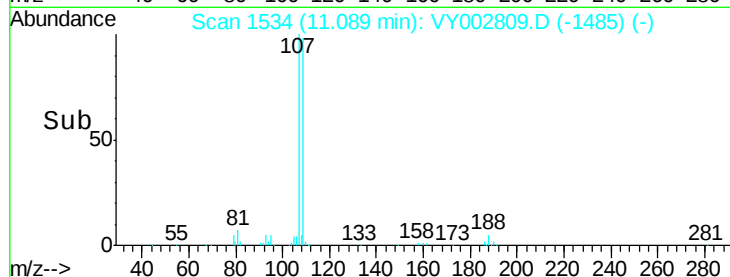
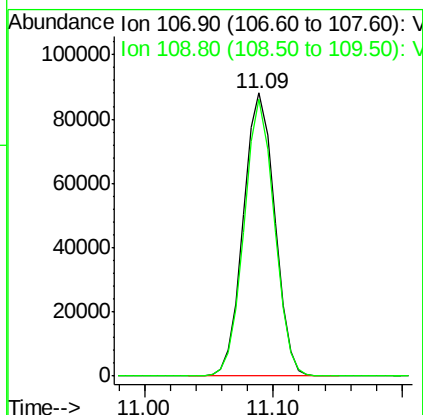
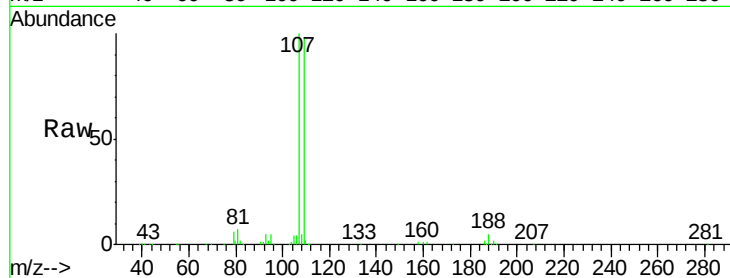




#61
 1,2-Dibromoethane
 Concen: 51.529 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY002809.D
 Acq: 01 Jun 2020 16:19

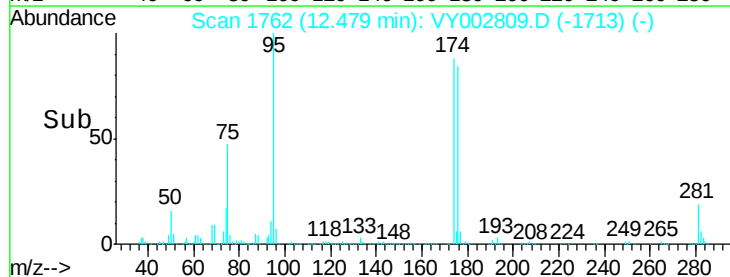
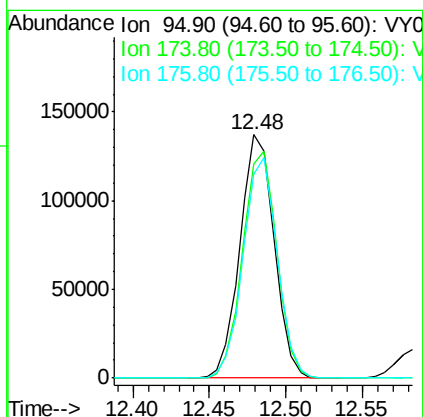
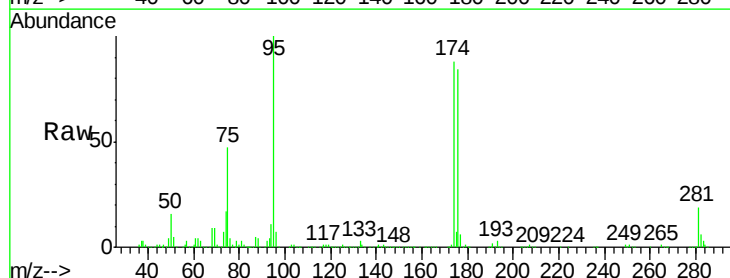
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

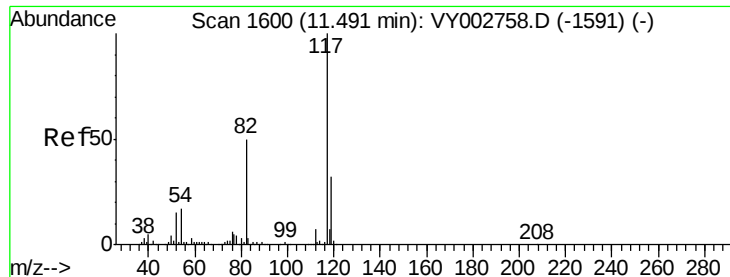
Tot Ion: 107 Resp: 147837
 Ion Ratio Lower Upper
 107 100
 109 94.4 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 49.236 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY002809.D
 Acq: 01 Jun 2020 16:19

Tgt Ion: 95 Resp: 213670
 Ion Ratio Lower Upper
 95 100
 174 93.4 0.0 191.2
 176 90.3 0.0 188.8

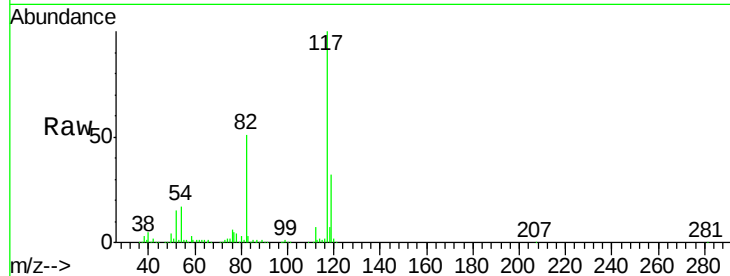




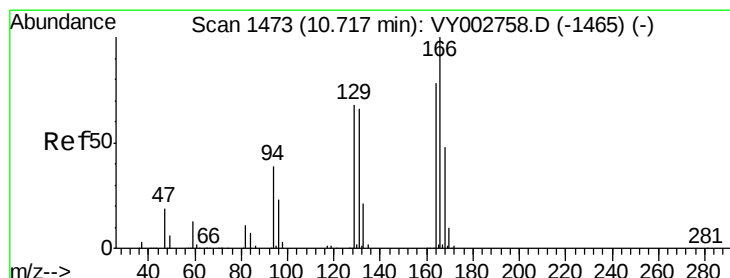
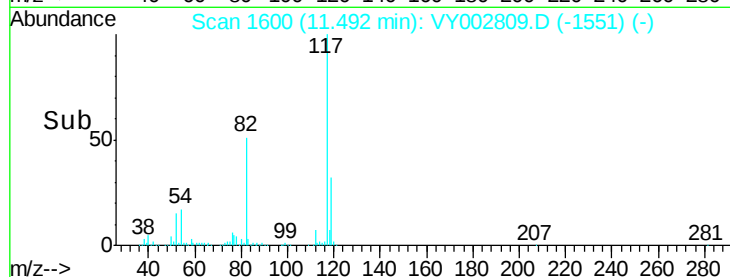
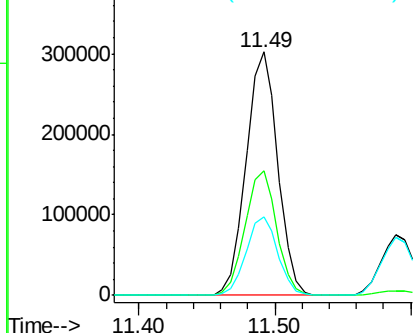
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002809.D
Acq: 01 Jun 2020 16:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 491334
Ion Ratio Lower Upper
117 100
82 51.3 40.2 60.4
119 32.2 25.8 38.8

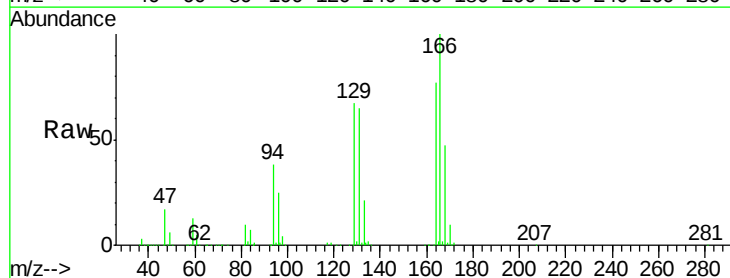


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

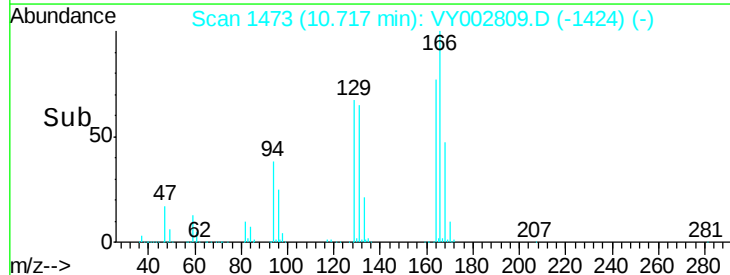
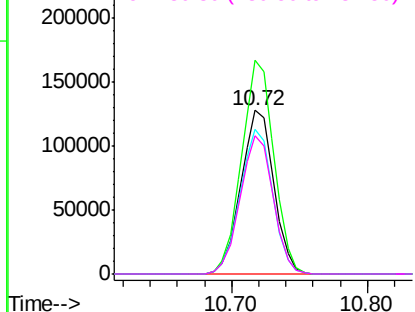


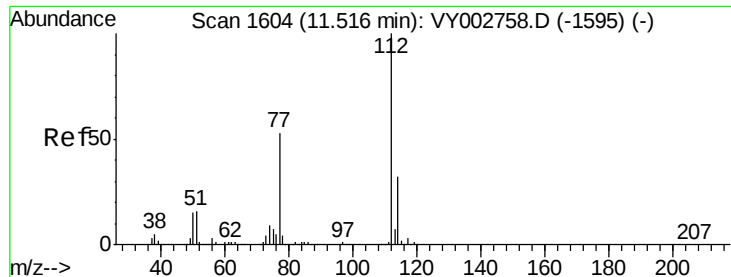
#64
Tetrachloroethene
Concen: 48.215 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY002809.D
Acq: 01 Jun 2020 16:19

Tgt Ion:164 Resp: 215304
Ion Ratio Lower Upper
164 100
166 130.7 102.3 153.5
129 88.1 69.4 104.2
131 84.7 67.8 101.6



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

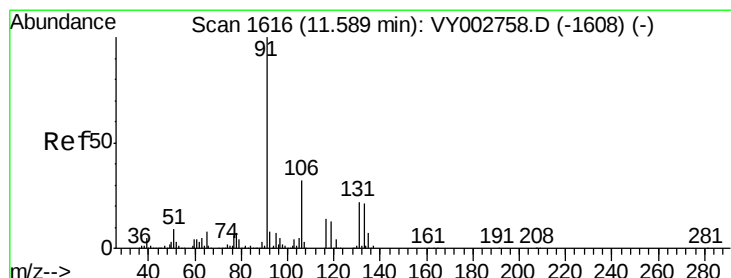
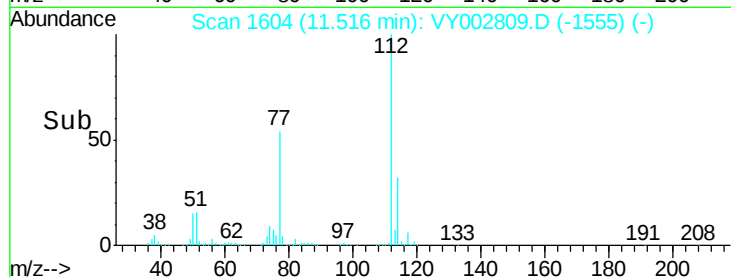
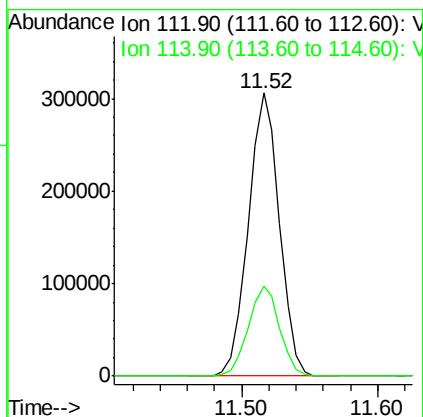
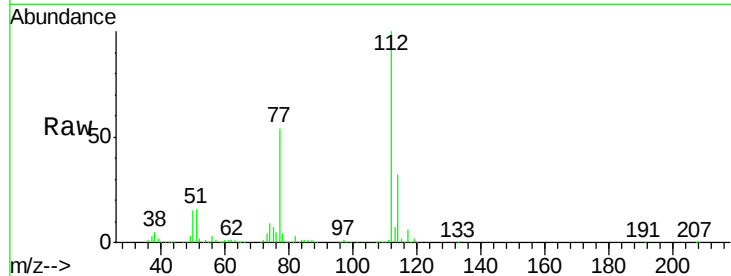




#65
Chlorobenzene
Concen: 50.295 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY002809.D
Acq: 01 Jun 2020 16:19

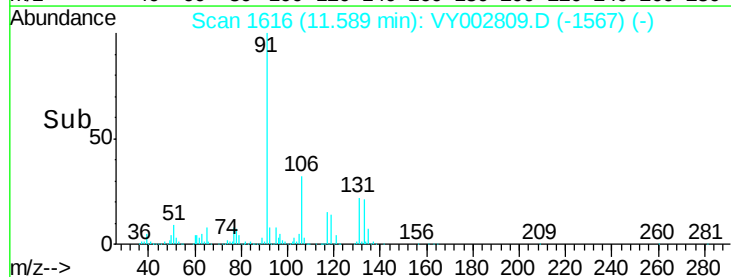
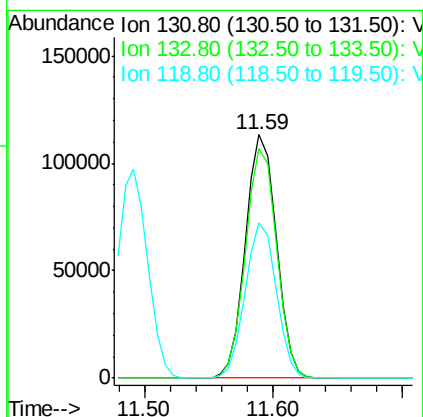
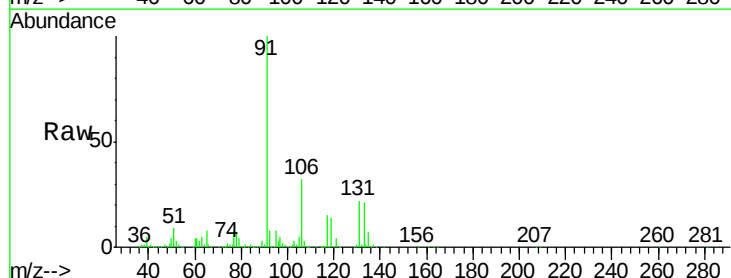
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 488422
Ion Ratio Lower Upper
112 100
114 32.1 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 51.289 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY002809.D
Acq: 01 Jun 2020 16:19

Tgt Ion:131 Resp: 187588
Ion Ratio Lower Upper
131 100
133 95.6 47.6 142.8
119 64.2 31.7 95.1





#67

Ethyl Benzene

Concen: 50.614 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. 0.01 min

Lab File: VY002809.D

Acq: 01 Jun 2020 16:19

Instrument :

MSVOA_Y

ClientSampleId :

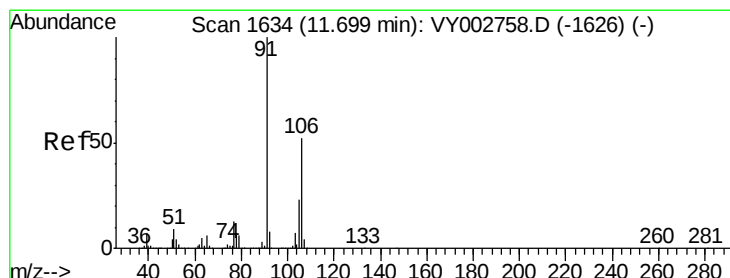
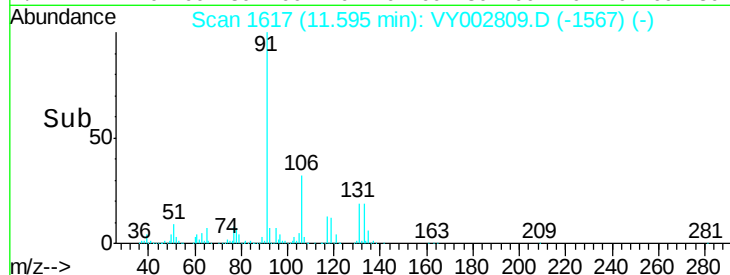
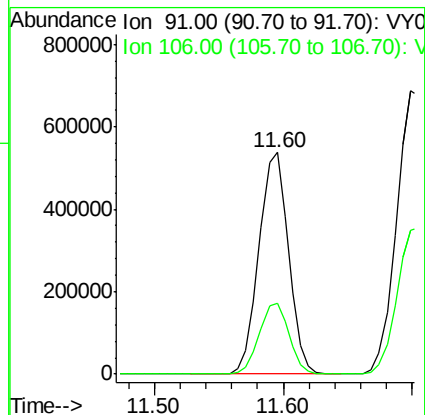
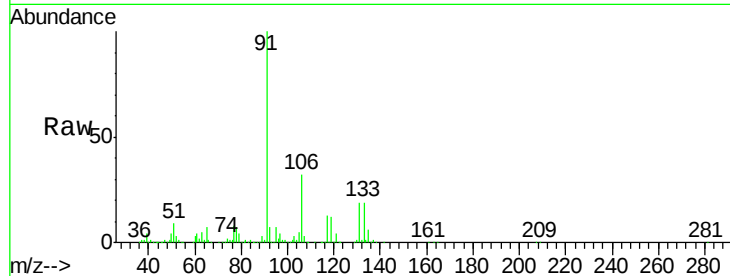
VSTDCCC050EC

Tot Ion: 91 Resp: 852125

Ion Ratio Lower Upper

91 100

106 32.2 25.7 38.5



#68

m/p-Xylenes

Concen: 100.619 ug/l

RT: 11.70 min Scan# 1635

Delta R.T. 0.01 min

Lab File: VY002809.D

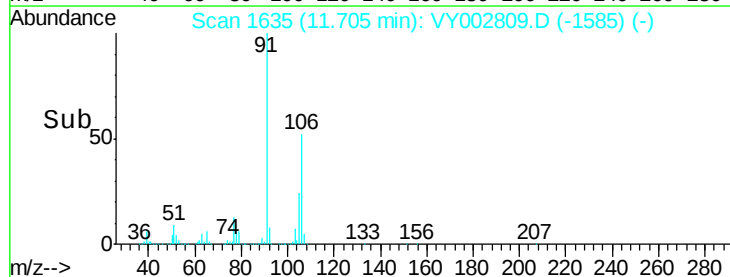
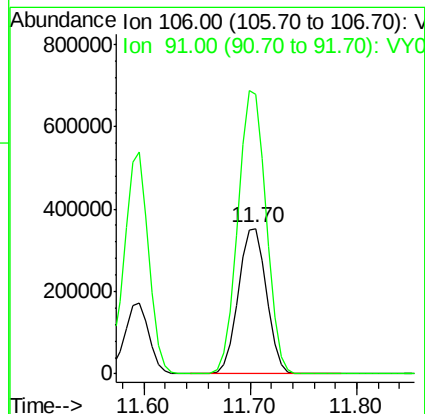
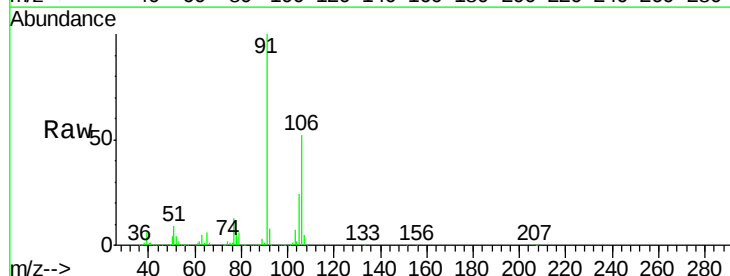
Acq: 01 Jun 2020 16:19

Tgt Ion: 106 Resp: 656785

Ion Ratio Lower Upper

106 100

91 194.4 156.0 234.0

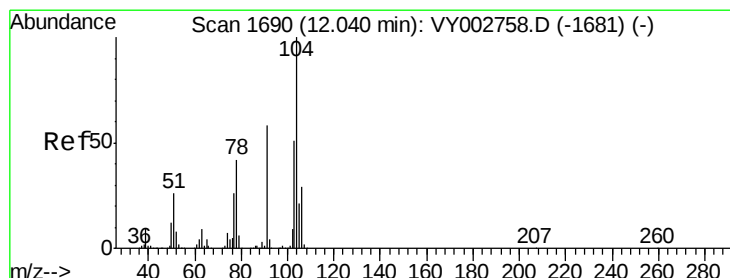
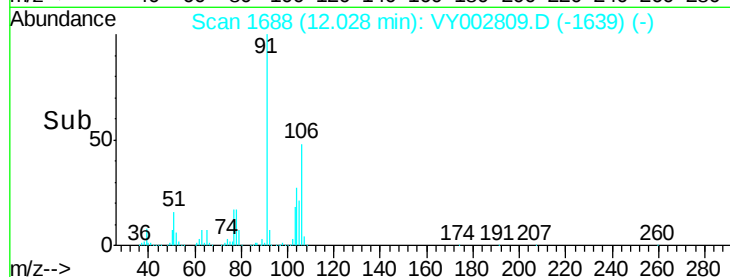
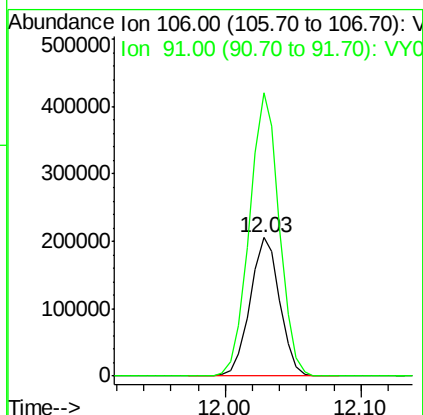
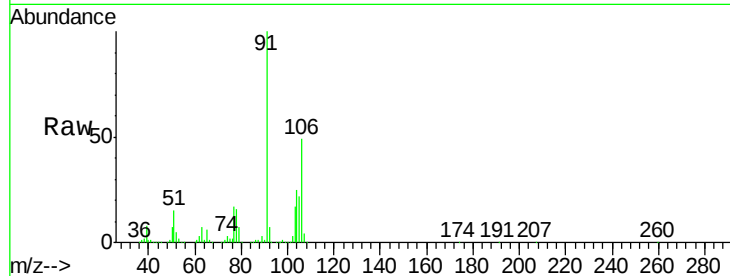




#69
o-Xylene
Concen: 51.092 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY002809.D
Acq: 01 Jun 2020 16:19

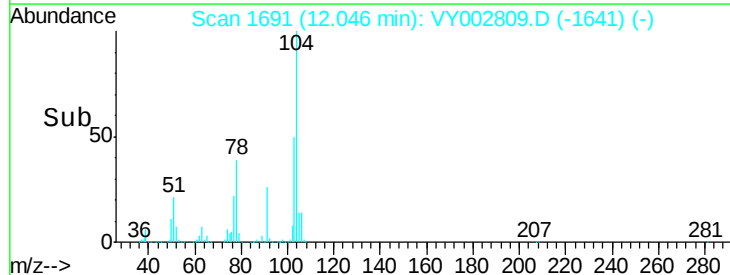
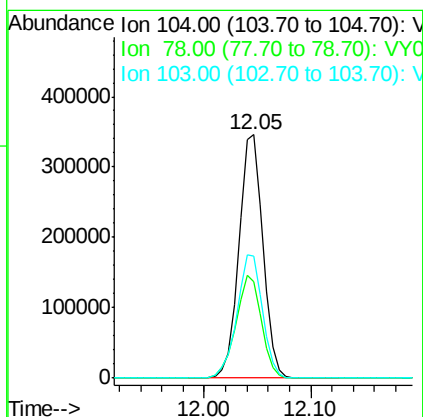
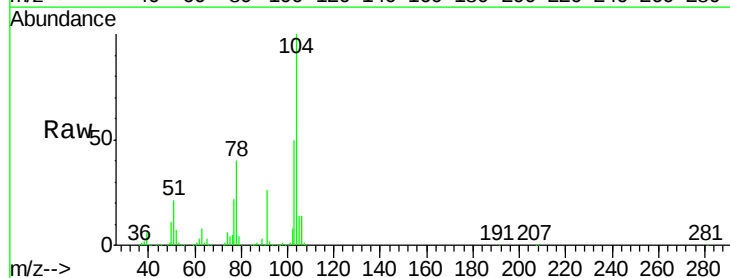
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

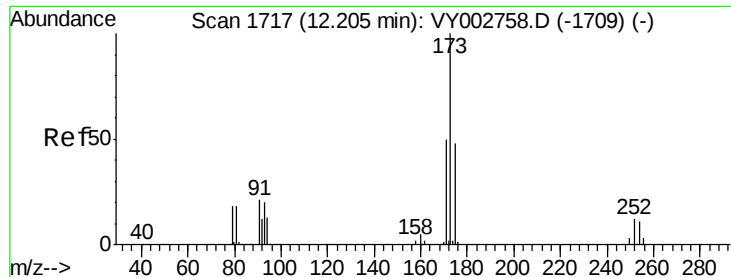
Tot Ion:106 Resp: 314838
Ion Ratio Lower Upper
106 100
91 204.6 102.4 307.1



#70
Styrene
Concen: 51.193 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY002809.D
Acq: 01 Jun 2020 16:19

Tgt Ion:104 Resp: 546862
Ion Ratio Lower Upper
104 100
78 45.0 36.2 54.4
103 54.3 43.6 65.4





#71

Bromoform

Concen: 52.374 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.01 min

Lab File: VY002809.D

Acq: 01 Jun 2020 16:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

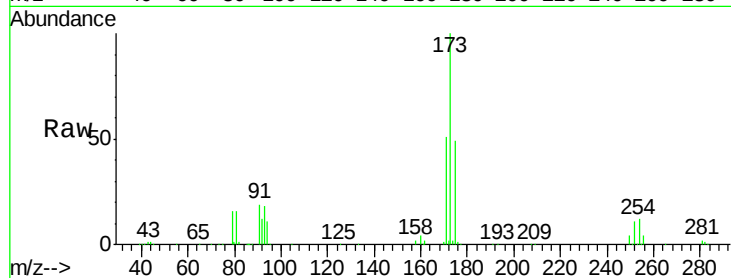
Tot Ion:173 Resp: 128175

Ion Ratio Lower Upper

173 100

175 48.7 24.3 72.8

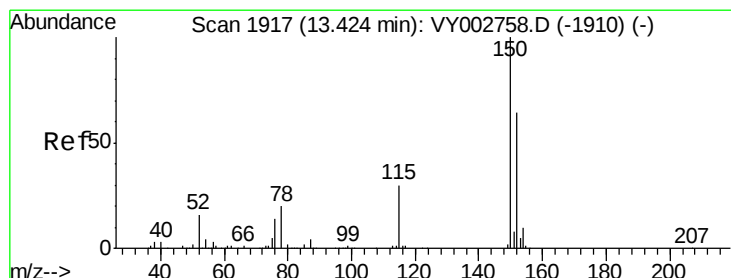
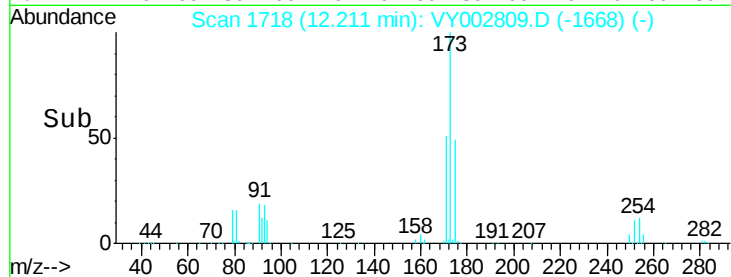
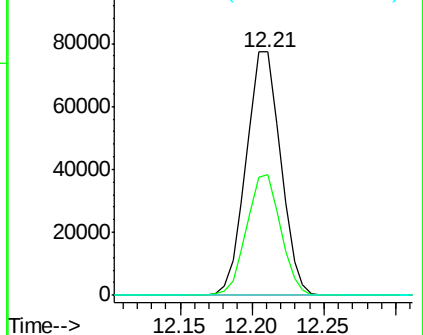
254 0.1 0.1 0.1#



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: VY002809.D

Acq: 01 Jun 2020 16:19

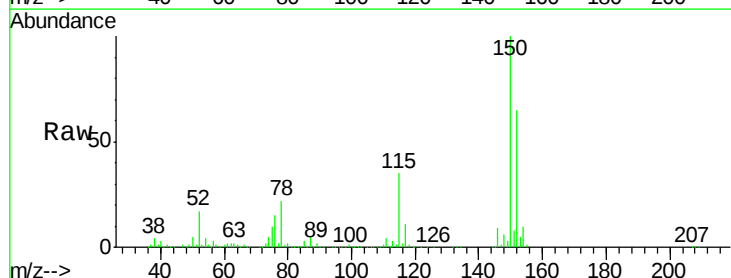
Tgt Ion:152 Resp: 259874

Ion Ratio Lower Upper

152 100

115 53.8 27.0 81.0

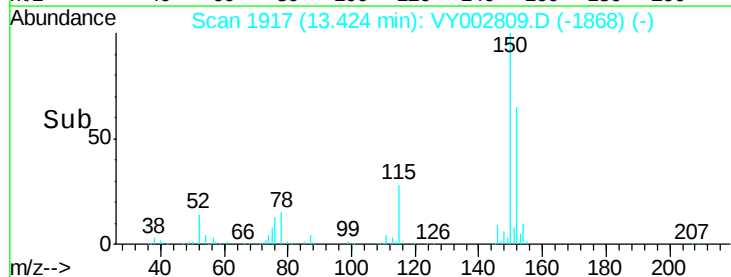
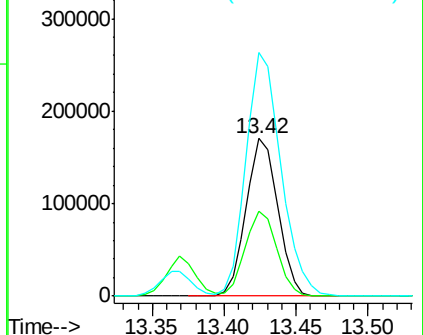
150 170.3 0.0 344.8

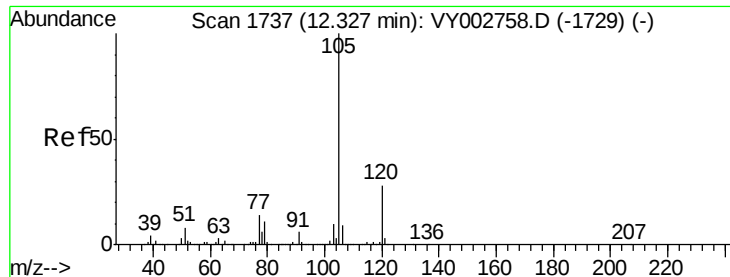


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

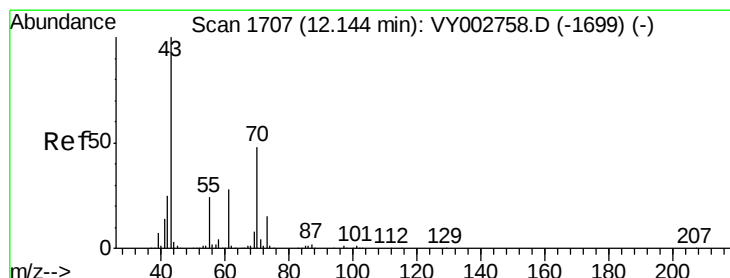
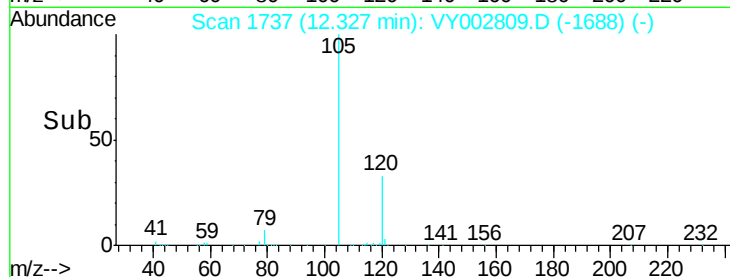
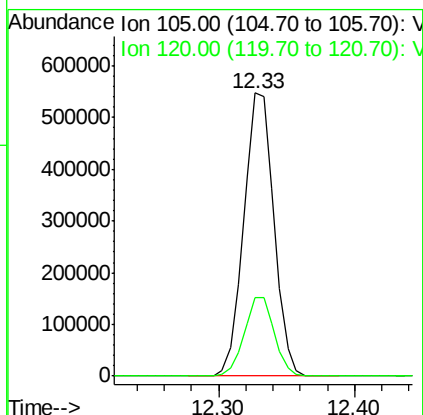
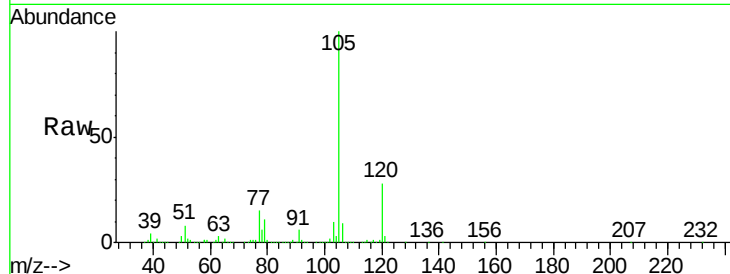




#73
Isopropylbenzene
Concen: 50.909 ug/l
RT: 12.33 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VY002809.D
Acq: 01 Jun 2020 16:19

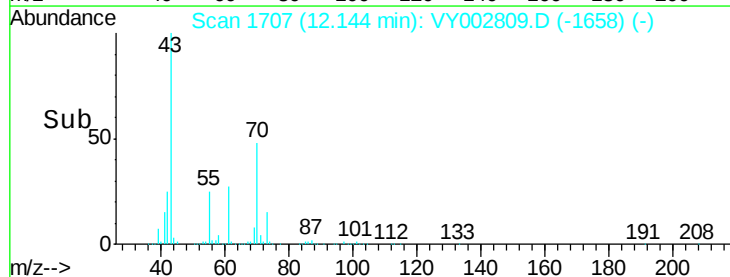
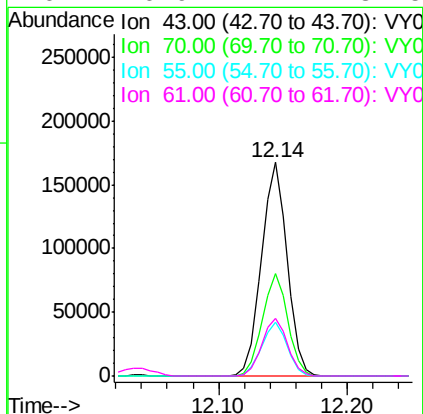
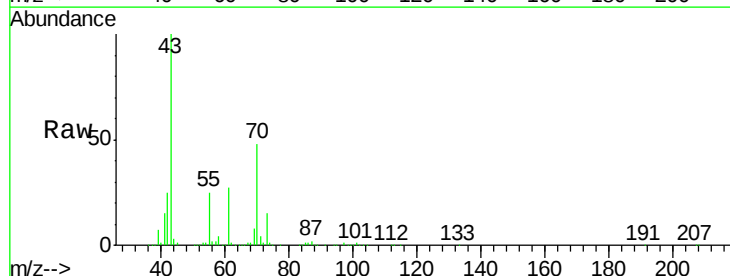
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

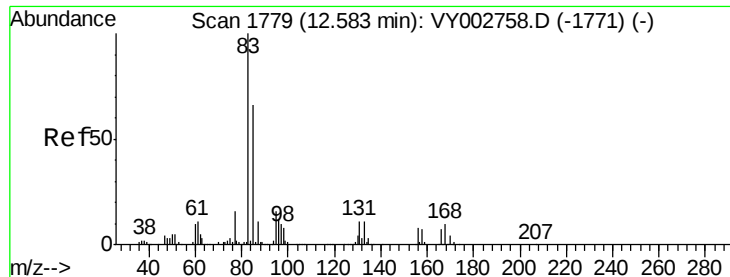
Tot Ion: 105 Resp: 847833
Ion Ratio Lower Upper
105 100
120 27.8 13.7 41.1



#74
N-ethyl acetate
Concen: 53.920 ug/l
RT: 12.14 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VY002809.D
Acq: 01 Jun 2020 16:19

Tgt Ion: 43 Resp: 230405
Ion Ratio Lower Upper
43 100
70 47.7 37.7 56.5
55 25.2 19.8 29.6
61 26.9 21.7 32.5





#75

1,1,2,2-Tetrachloroethane

Concen: 55.003 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY002809.D

Acq: 01 Jun 2020 16:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

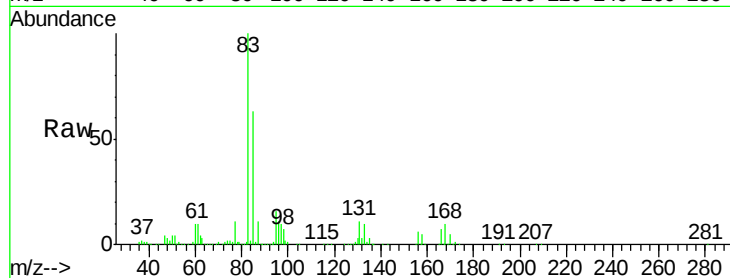
Tot Ion: 83 Resp: 160720

Ion Ratio Lower Upper

83 100

131 11.5 5.8 17.4

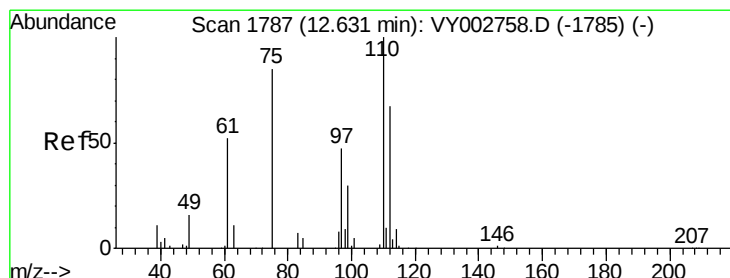
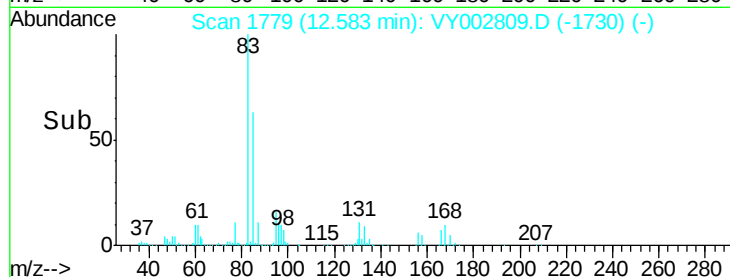
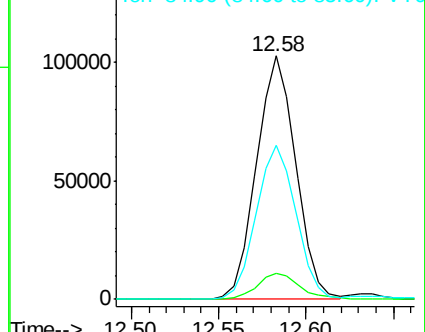
85 64.0 32.6 98.0



Abundance Ion 82.90 (82.60 to 83.60): VY002809.D (-1730) (-)

Ion 130.80 (130.50 to 131.50): VY002809.D (-1730) (-)

Ion 84.90 (84.60 to 85.60): VY002809.D (-1730) (-)



#76

1,2,3-Trichloropropane

Concen: 54.850 ug/l m

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY002809.D

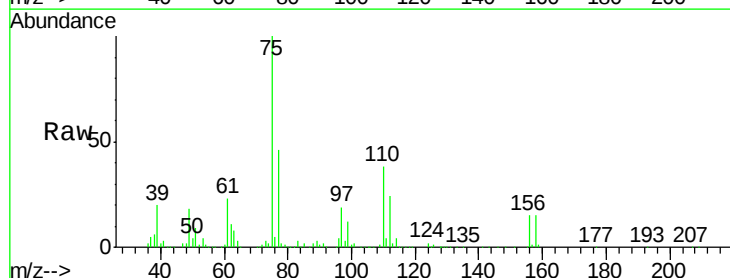
Acq: 01 Jun 2020 16:19

Tgt Ion: 75 Resp: 128438

Ion Ratio Lower Upper

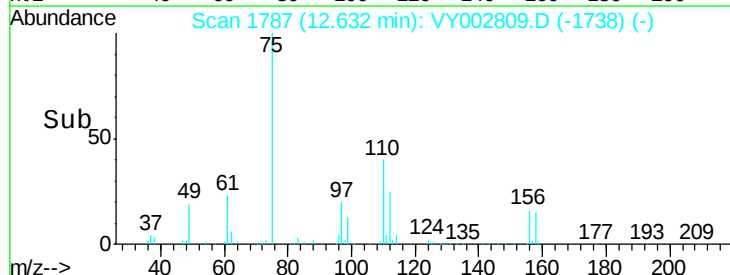
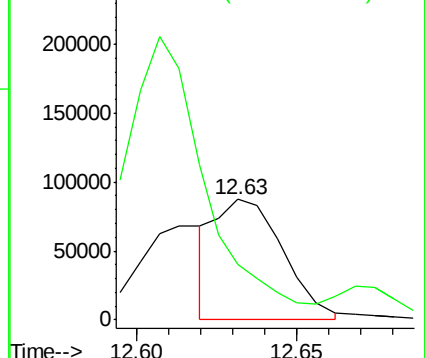
75 100

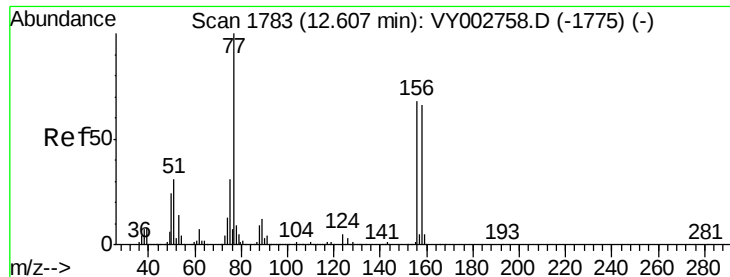
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY002809.D (-1738) (-)

Ion 77.00 (76.70 to 77.70): VY002809.D (-1738) (-)





#77

Bromobenzene

Concen: 50.748 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY002809.D

Acq: 01 Jun 2020 16:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

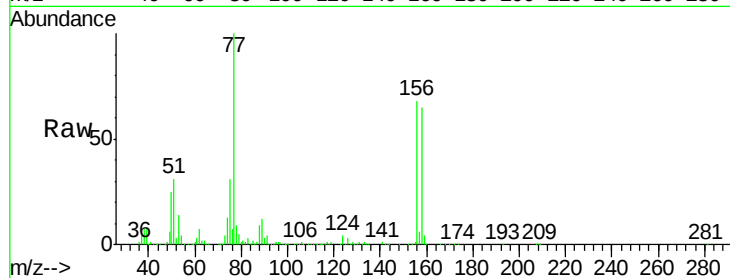
Tot Ion:156 Resp: 220063

Ion Ratio Lower Upper

156 100

77 166.7 81.4 244.2

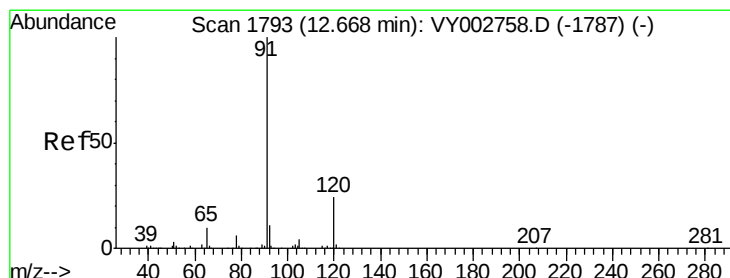
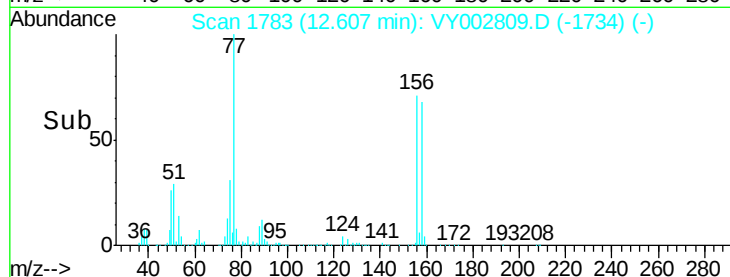
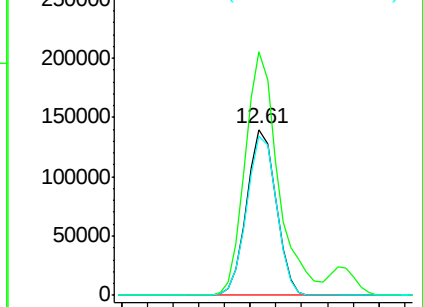
158 97.4 48.5 145.6



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: 51.138 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. 0.01 min

Lab File: VY002809.D

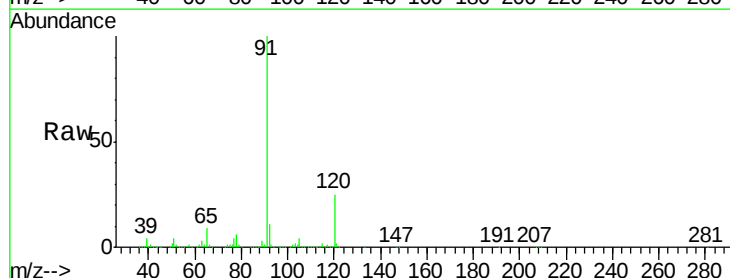
Acq: 01 Jun 2020 16:19

Tgt Ion: 91 Resp: 983741

Ion Ratio Lower Upper

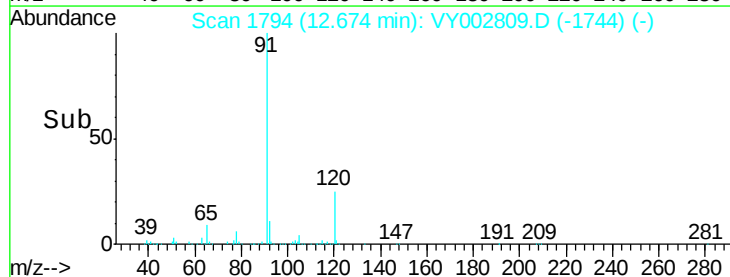
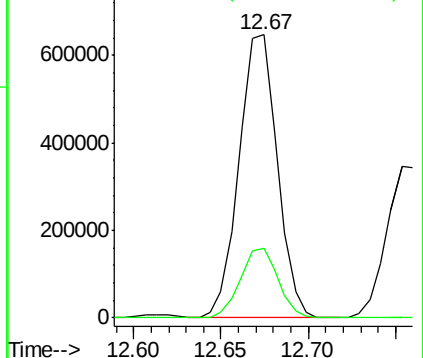
91 100

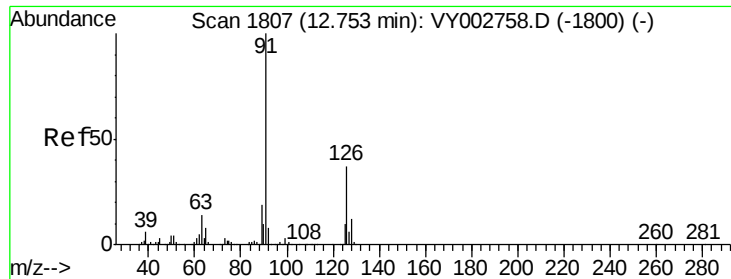
120 24.4 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

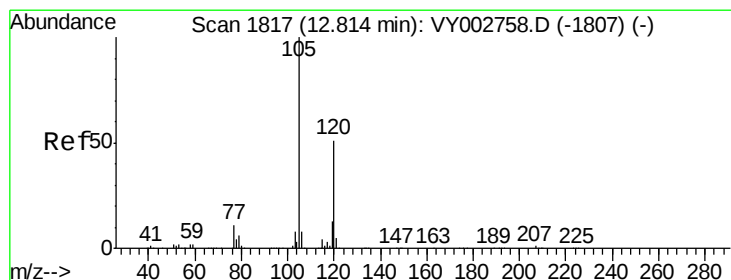
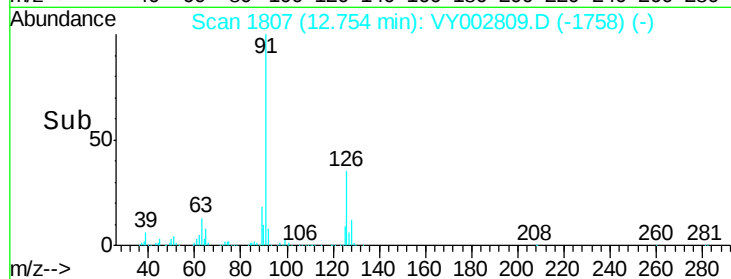
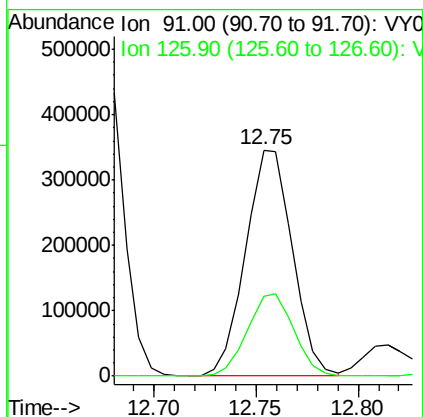
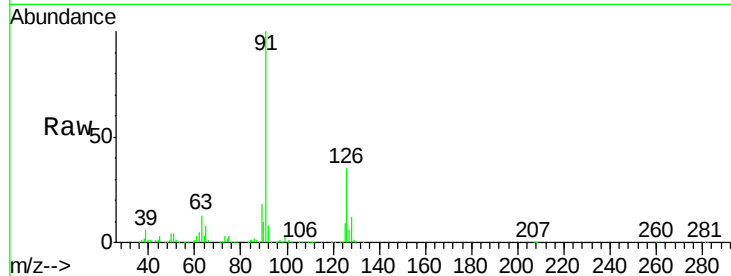




#79
 2-Chlorotoluene
 Concen: 51.266 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VY002809.D
 Acq: 01 Jun 2020 16:19

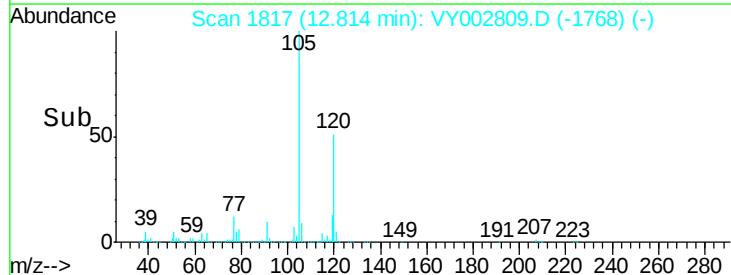
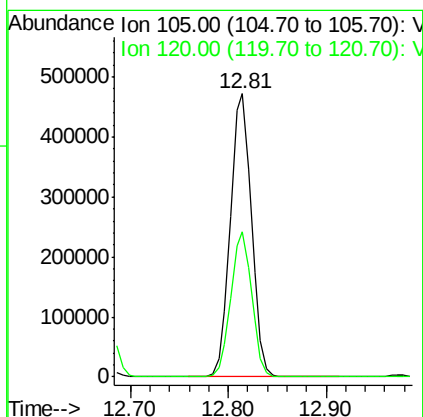
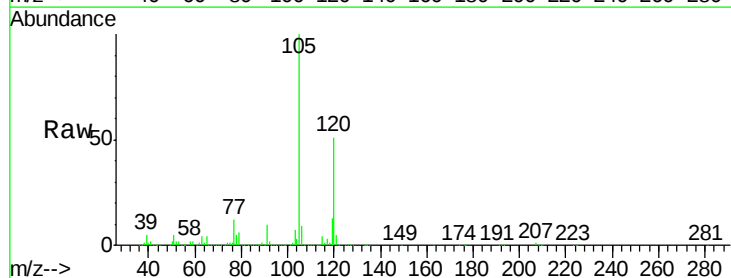
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 553213
 Ion Ratio Lower Upper
 91 100
 126 36.3 18.4 55.4



#80
 1,3,5-Trimethylbenzene
 Concen: 50.818 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. 0.00 min
 Lab File: VY002809.D
 Acq: 01 Jun 2020 16:19

Tgt Ion: 105 Resp: 706629
 Ion Ratio Lower Upper
 105 100
 120 51.0 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 54.072 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VY002809.D

Acq: 01 Jun 2020 16:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

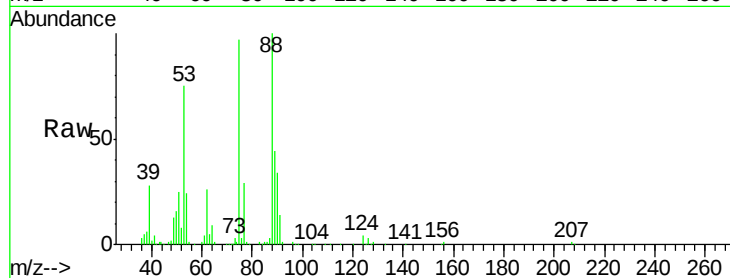
Tot Ion: 75 Resp: 67206

Ion Ratio Lower Upper

75 100

53 78.6 64.0 96.0

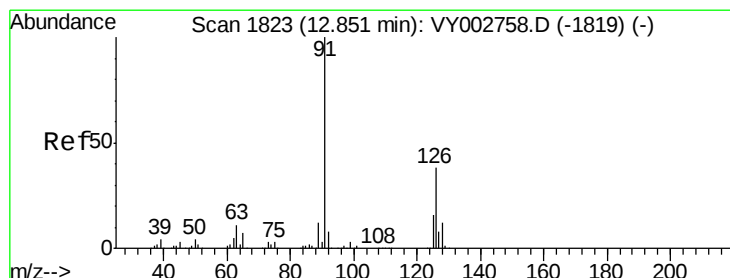
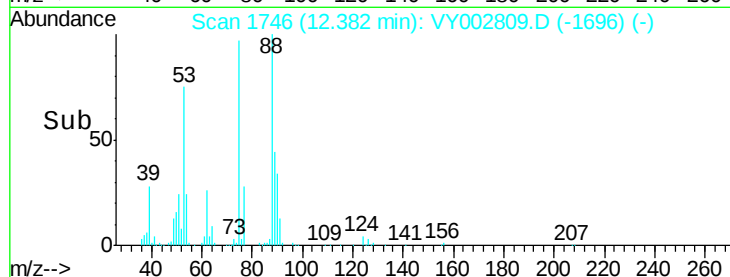
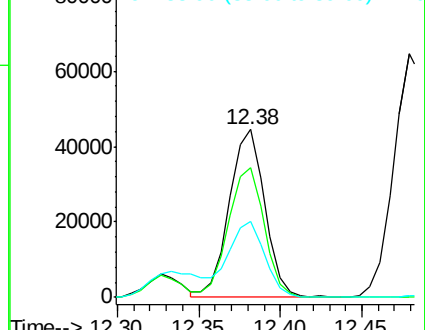
89 45.9 37.4 56.2



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: 50.996 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. 0.01 min

Lab File: VY002809.D

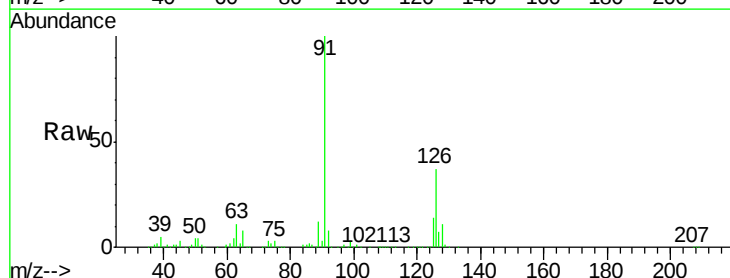
Acq: 01 Jun 2020 16:19

Tgt Ion: 91 Resp: 576553

Ion Ratio Lower Upper

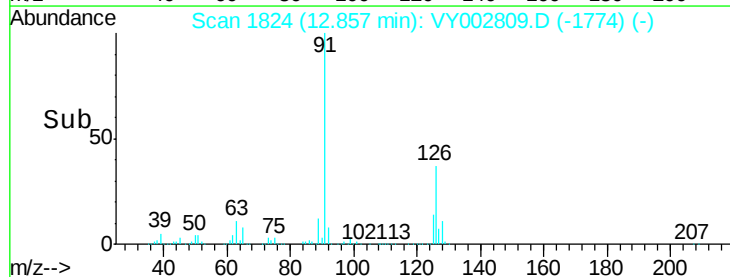
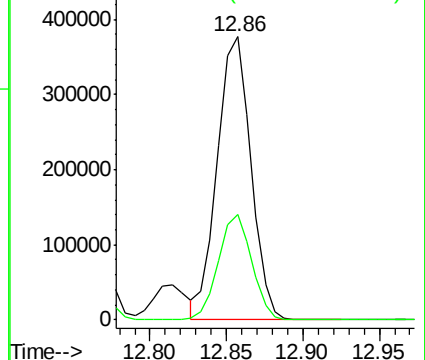
91 100

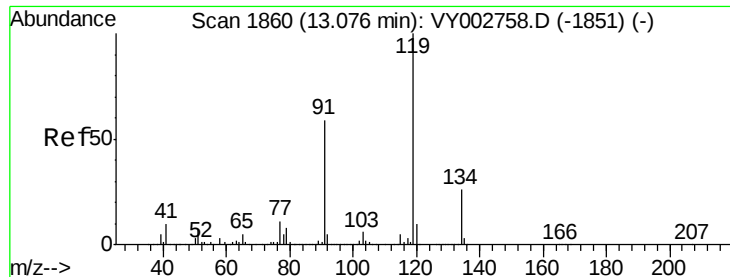
126 36.9 18.5 55.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 50.951 ug/l

RT: 13.08 min Scan# 1860

Delta R.T. 0.00 min

Lab File: VY002809.D

Acq: 01 Jun 2020 16:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

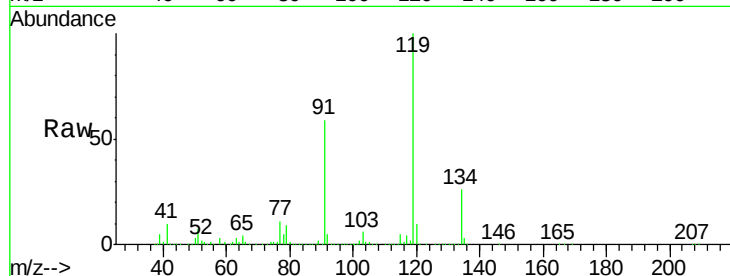
Tot Ion:119 Resp: 631972

Ion Ratio Lower Upper

119 100

91 60.0 29.8 89.4

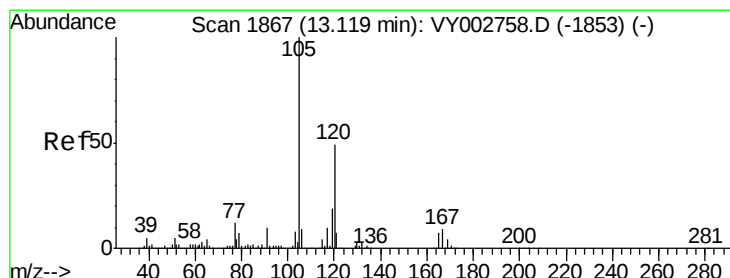
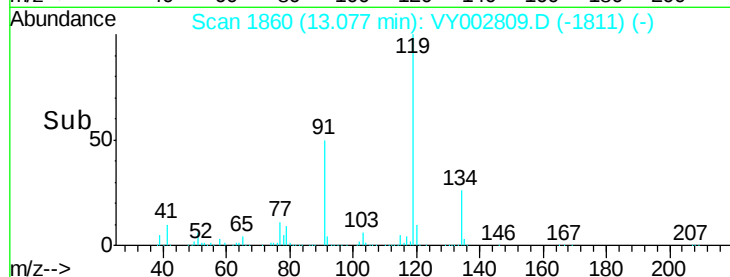
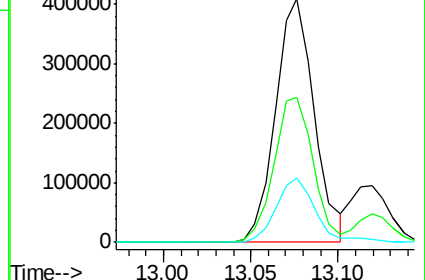
134 27.0 13.3 39.8



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: 50.988 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VY002809.D

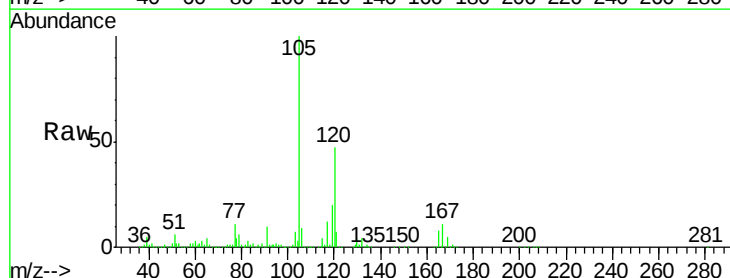
Acq: 01 Jun 2020 16:19

Tgt Ion:105 Resp: 712898

Ion Ratio Lower Upper

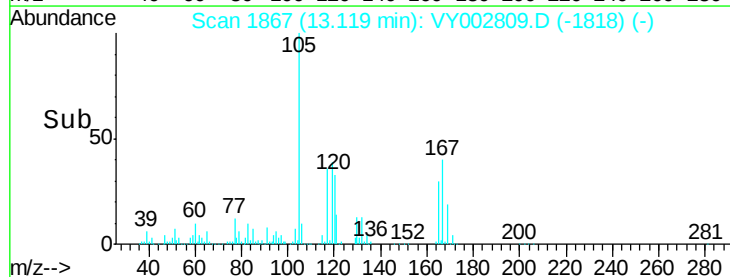
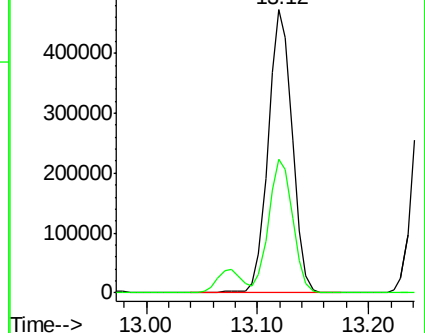
105 100

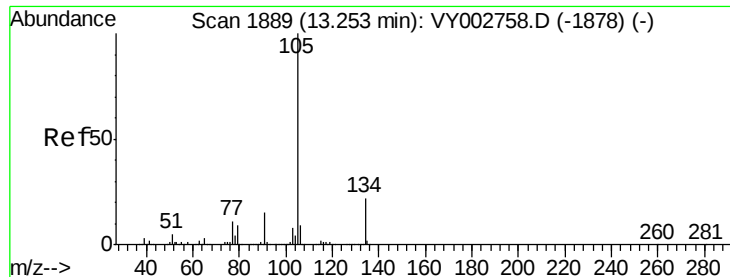
120 46.8 23.6 70.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 50.788 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY002809.D

Acq: 01 Jun 2020 16:19

Instrument :

MSVOA_Y

ClientSampleId :

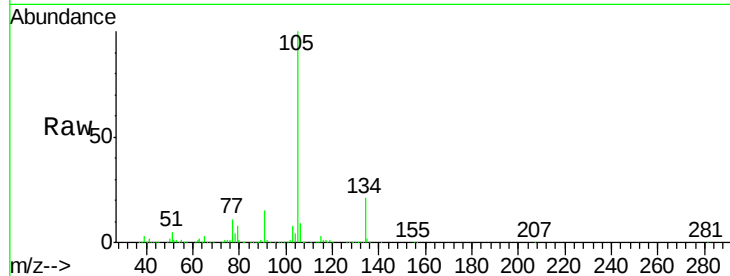
VSTDCCC050EC

Tot Ion:105 Resp: 861344

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

13.25

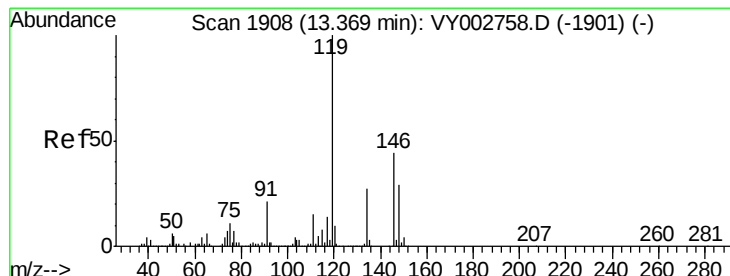
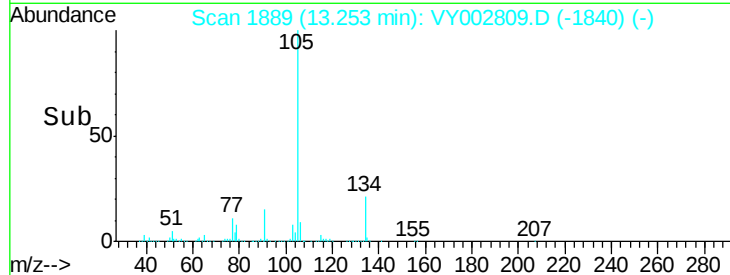
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 51.098 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY002809.D

Acq: 01 Jun 2020 16:19

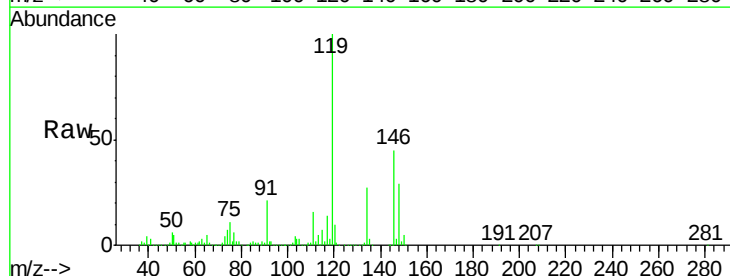
Tgt Ion:119 Resp: 806367

Ion Ratio Lower Upper

119 100

134 27.2 13.7 41.0

91 21.6 10.8 32.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

13.37

800000

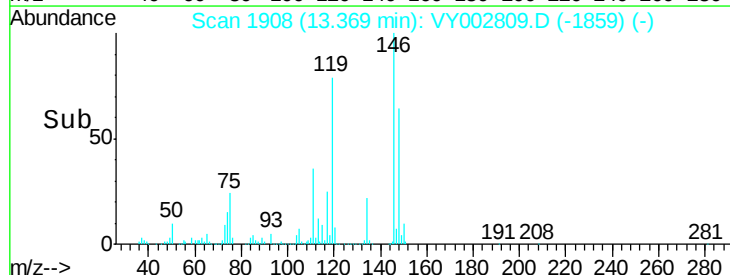
600000

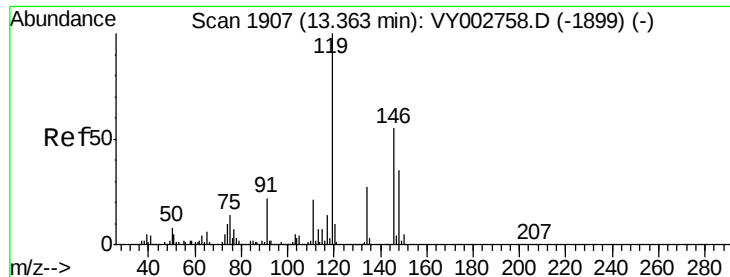
400000

200000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 50.062 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

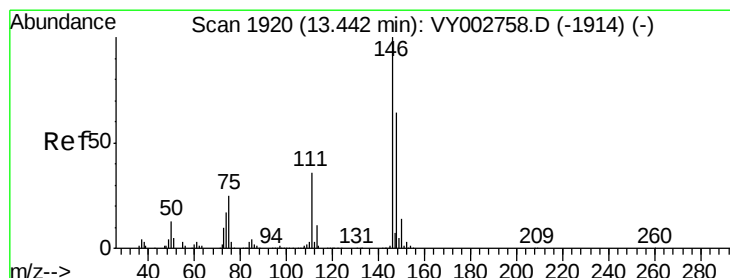
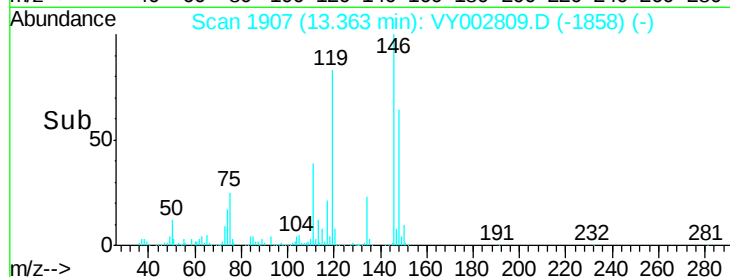
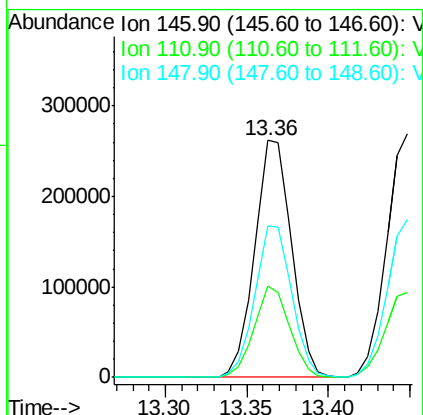
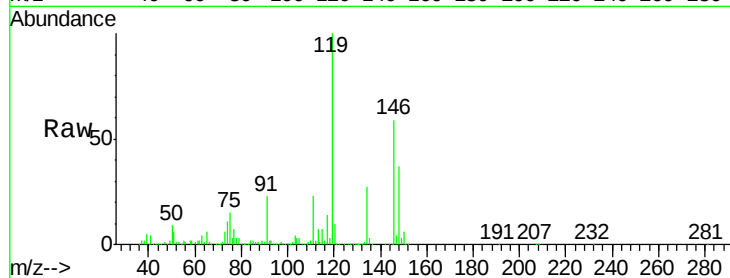
Lab File: VY002809.D

Acq: 01 Jun 2020 16:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:146 Resp: 411212

Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.4	55.0
148	64.0	31.9	95.7



#88

1,4-Dichlorobenzene

Concen: 50.089 ug/l

RT: 13.45 min Scan# 1921

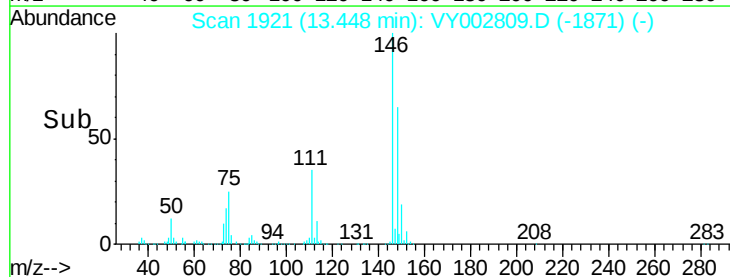
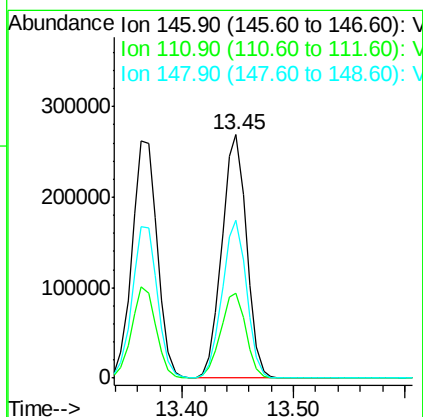
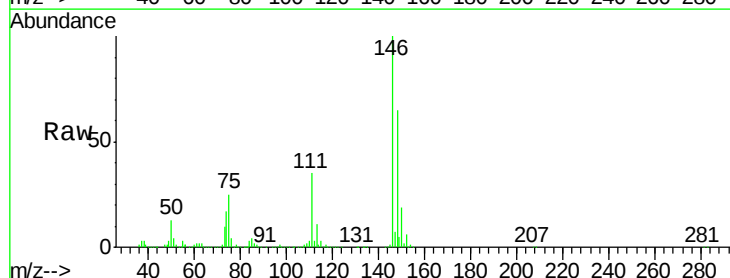
Delta R.T. 0.01 min

Lab File: VY002809.D

Acq: 01 Jun 2020 16:19

Tgt Ion:146 Resp: 411576

Ion	Ratio	Lower	Upper
146	100		
111	35.8	18.1	54.3
148	64.1	32.1	96.3

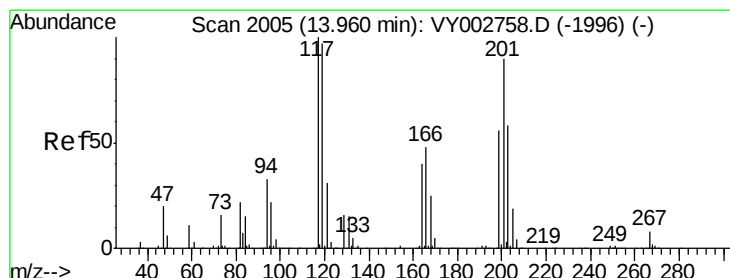
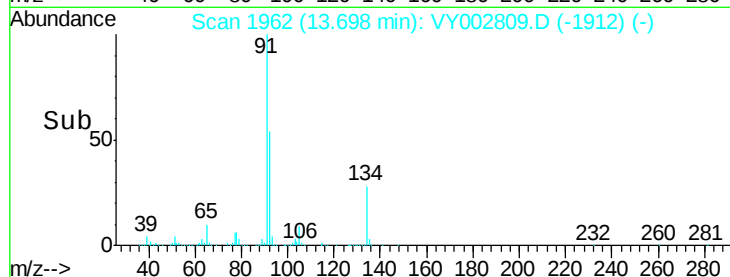
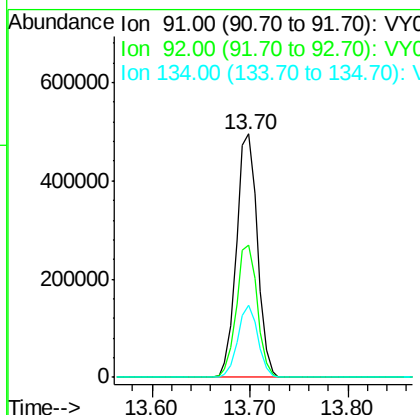
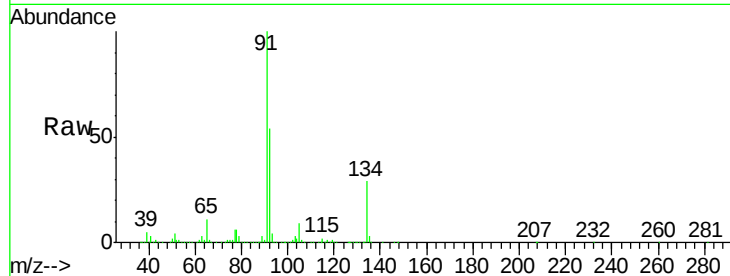




#89
n-Butylbenzene
Concen: 51.156 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY002809.D
Acq: 01 Jun 2020 16:19

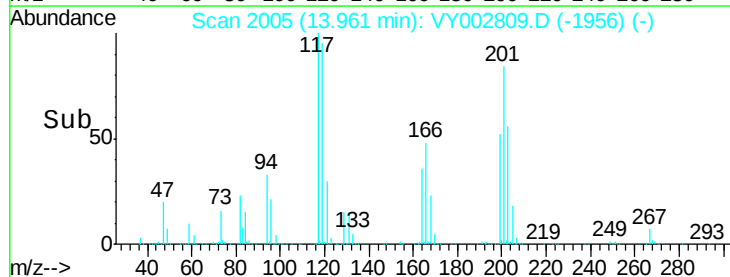
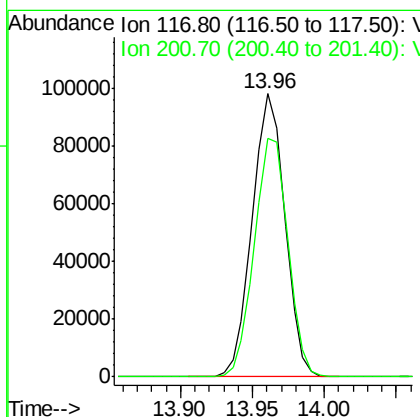
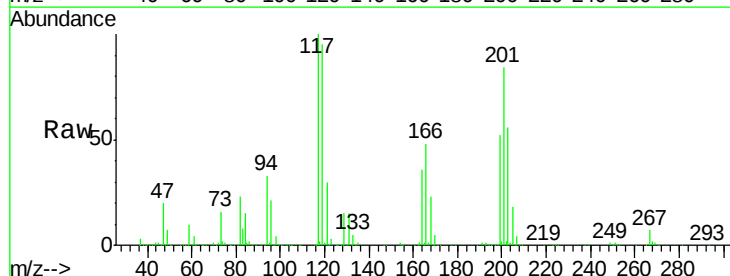
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 732922
Ion Ratio Lower Upper
91 100
92 54.2 27.1 81.2
134 28.6 14.3 42.9



#90
Hexachloroethane
Concen: 52.169 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY002809.D
Acq: 01 Jun 2020 16:19

Tgt Ion: 117 Resp: 154123
Ion Ratio Lower Upper
117 100
201 86.7 43.9 131.6

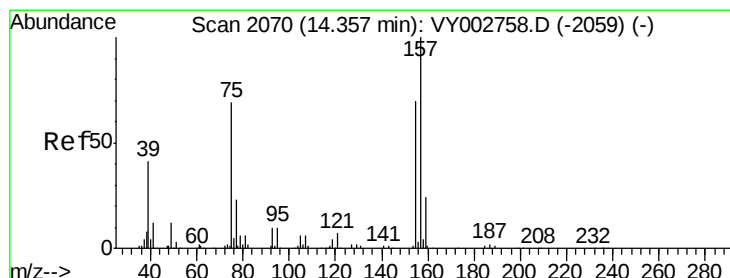
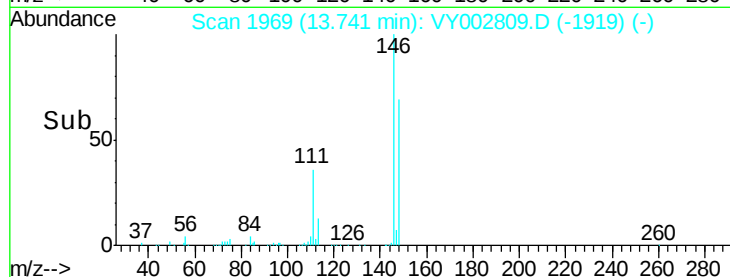
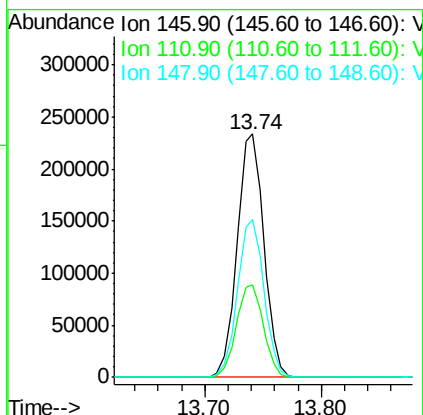
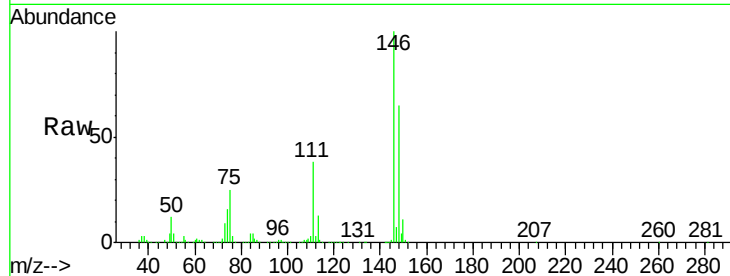




#91
 1,2-Dichlorobenzene
 Concen: 50.241 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.01 min
 Lab File: VY002809.D
 Acq: 01 Jun 2020 16:19

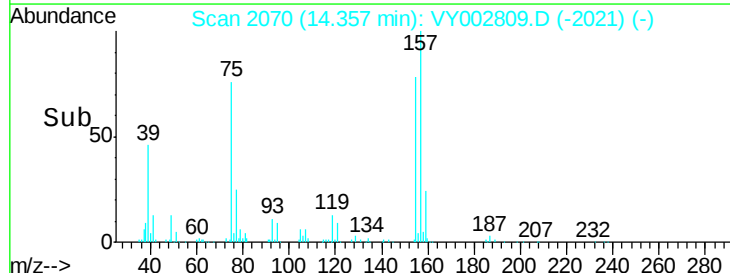
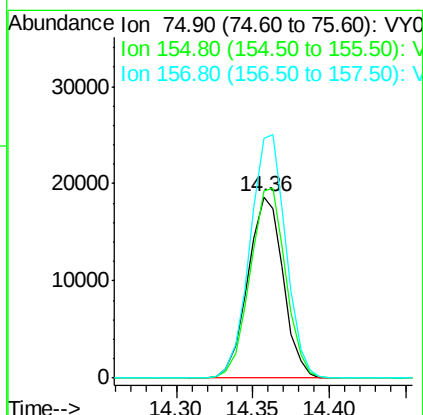
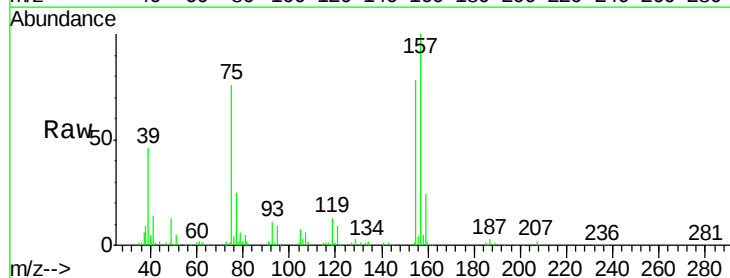
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

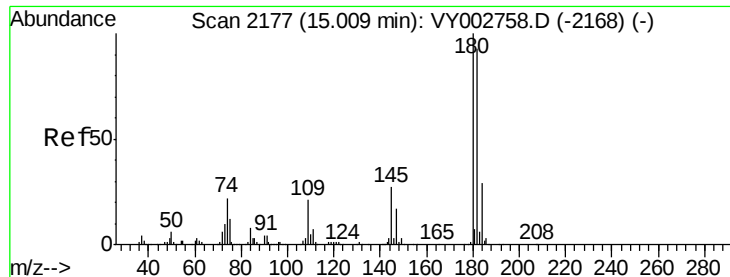
Tot Ion:146 Resp: 374258
 Ion Ratio Lower Upper
 146 100
 111 38.6 18.9 56.9
 148 64.1 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.260 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY002809.D
 Acq: 01 Jun 2020 16:19

Tgt Ion: 75 Resp: 29941
 Ion Ratio Lower Upper
 75 100
 155 105.5 53.5 160.5
 157 136.1 69.9 209.7

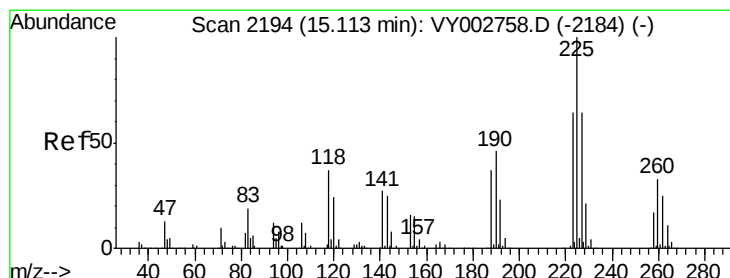
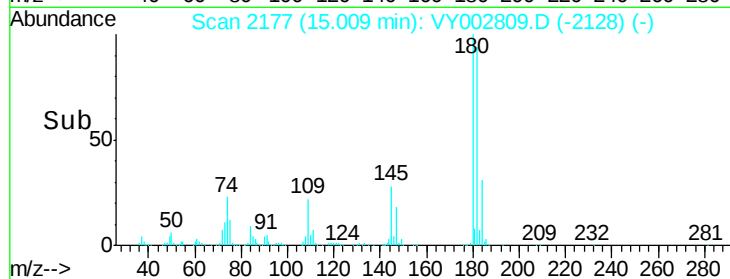
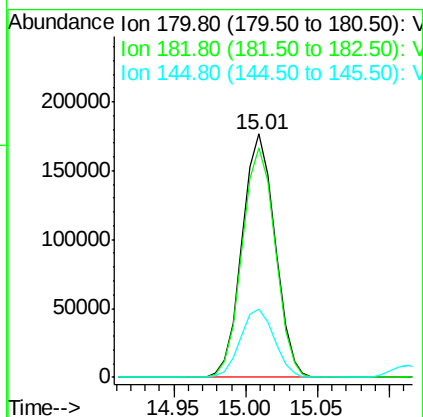
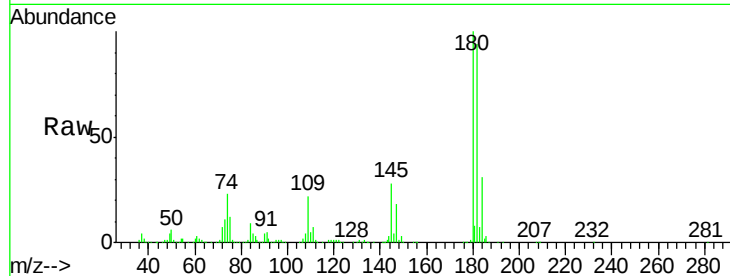




#93
 1,2,4-Trichlorobenzene
 Concen: 49.866 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VY002809.D
 Acq: 01 Jun 2020 16:19

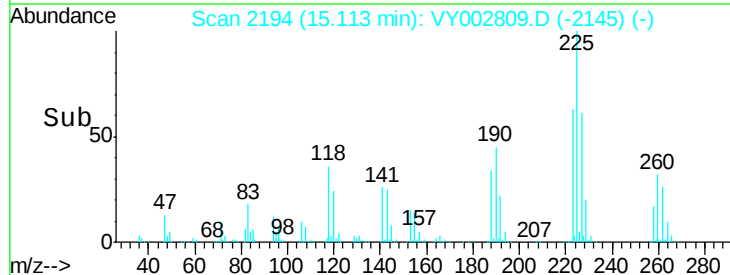
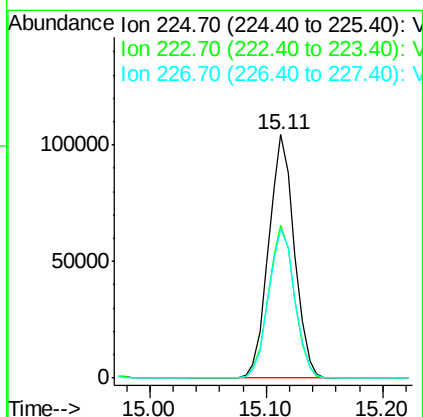
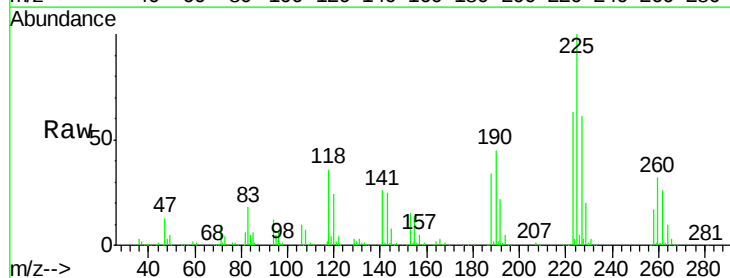
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

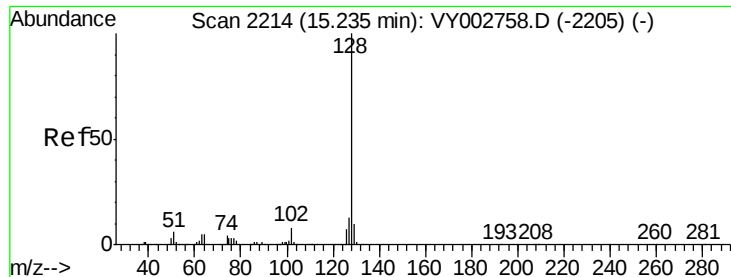
Tot Ion:180 Resp: 279995
 Ion Ratio Lower Upper
 180 100
 182 94.7 47.3 141.9
 145 28.7 14.1 42.3



#94
 Hexachlorobutadiene
 Concen: 50.292 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY002809.D
 Acq: 01 Jun 2020 16:19

Tgt Ion:225 Resp: 160163
 Ion Ratio Lower Upper
 225 100
 223 63.2 31.6 95.0
 227 62.5 32.3 96.9





#95

Naphthalene

Concen: 51.271 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. 0.00 min

Lab File: VY002809.D

Acq: 01 Jun 2020 16:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

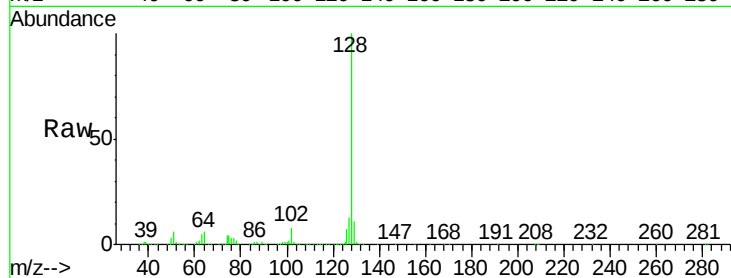
Tot Ion:128 Resp: 577213

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

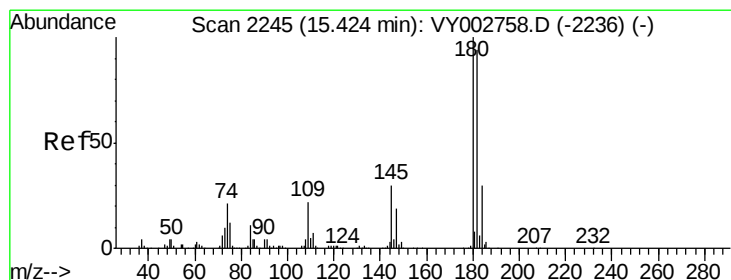
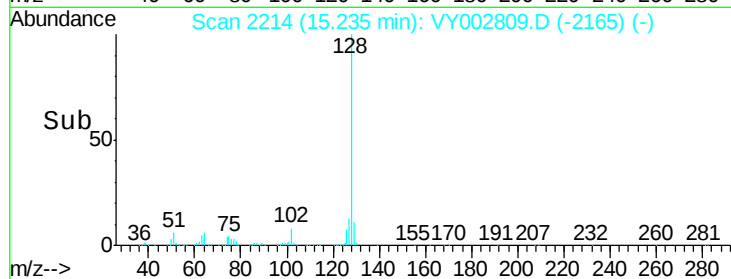
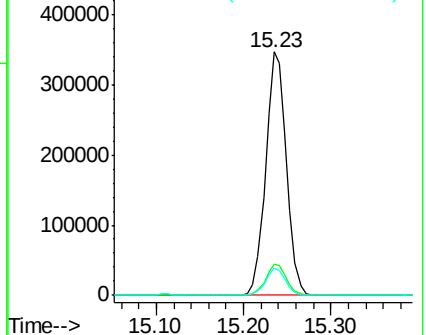
129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 50.450 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VY002809.D

Acq: 01 Jun 2020 16:19

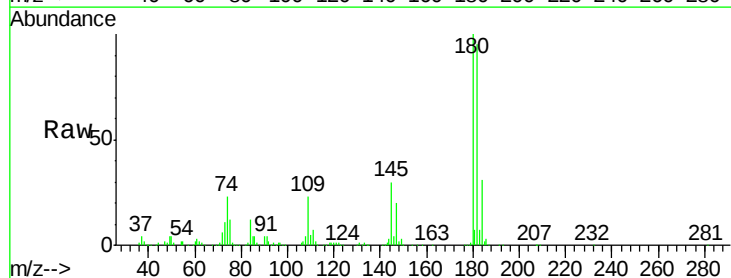
Tgt Ion:180 Resp: 252961

Ion Ratio Lower Upper

180 100

182 95.3 48.1 144.4

145 30.4 15.1 45.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

