

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY061920\
 Data File : VY002961.D
 Acq On : 20 Jun 2020 00:33
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 20 04:00:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y061920S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 19 15:04:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	326187	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	500773	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	472028	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	253790	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	150663	55.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.84%	
35) Dibromofluoromethane	7.72	113	153835	54.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.58%	
50) Toluene-d8	10.18	98	605608	54.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.42%	
62) 4-Bromofluorobenzene	12.48	95	209645	54.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	99610	47.901	ug/l	99
3) Chloromethane	2.12	50	119474	50.601	ug/l	100
4) Vinyl Chloride	2.26	62	126359	49.844	ug/l	99
5) Bromomethane	2.65	94	102831	54.971	ug/l	98
6) Chloroethane	2.80	64	86103	52.512	ug/l	95
7) Trichlorofluoromethane	3.13	101	222384	48.851	ug/l	98
8) Diethyl Ether	3.54	74	89935	54.753	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.91	101	134994	49.238	ug/l	99
10) Methyl Iodide	4.10	142	187197	49.318	ug/l	100
11) Tert butyl alcohol	4.97	59	70777	242.301	ug/l	99
12) 1,1-Dichloroethene	3.88	96	138202	50.833	ug/l	97
13) Acrolein	3.74	56	68887	254.510	ug/l	99
14) Allyl chloride	4.49	41	206139	52.568	ug/l	99
15) Acrylonitrile	5.18	53	213072	270.476	ug/l	99
16) Acetone	3.96	43	151011	226.300	ug/l	99
17) Carbon Disulfide	4.20	76	434091	54.006	ug/l	100
18) Methyl Acetate	4.49	43	88454	52.522	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	403276	54.461	ug/l	98
20) Methylene Chloride	4.72	84	170616	53.131	ug/l	98
21) trans-1,2-Dichloroethene	5.23	96	161043	53.351	ug/l	96
22) Diisopropyl ether	6.13	45	433230	54.114	ug/l	99
23) Vinyl Acetate	6.07	43	1467383	283.353	ug/l	98
24) 1,1-Dichloroethane	6.03	63	253082	53.361	ug/l	100
25) 2-Butanone	7.00	43	255174	255.189	ug/l	99
26) 2,2-Dichloropropane	6.99	77	201301	45.444	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	178008	52.764	ug/l	99
28) Bromochloromethane	7.34	49	109156	55.046	ug/l	96
29) Tetrahydrofuran	7.35	42	174788	270.607	ug/l	99
30) Chloroform	7.52	83	265965	53.542	ug/l	99
31) Cyclohexane	7.79	56	224066	48.433	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	235058	51.354	ug/l	99
36) 1,1-Dichloropropene	7.93	75	200934	49.406	ug/l	100
37) Ethyl Acetate	7.08	43	113679	50.339	ug/l	100
38) Carbon Tetrachloride	7.91	117	217897	48.616	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	256948	47.928	ug/l	98
40) Benzene	8.17	78	616939	50.953	ug/l	100
41) Methacrylonitrile	7.35	41	158398	140.101	ug/l #	1
42) 1,2-Dichloroethane	8.24	62	173511	51.631	ug/l	100
43) Isopropyl Acetate	8.28	43	220401	52.411	ug/l	99
44) Trichloroethene	8.94	130	187491	49.990	ug/l	99
45) 1,2-Dichloropropane	9.22	63	148584	51.028	ug/l	99
46) Dibromomethane	9.31	93	89825	51.666	ug/l	98
47) Bromodichloromethane	9.50	83	213271	52.542	ug/l	100
48) Methyl methacrylate	9.30	41	98296	52.093	ug/l	97
49) 1,4-Dioxane	9.30	88	25442	998.462	ug/l	97
51) 4-Methyl-2-Pentanone	10.07	43	580917	260.681	ug/l	99
52) Toluene	10.25	92	397678	50.748	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	223407	50.642	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	254534	50.973	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	133388	51.447	ug/l	98
56) Ethyl methacrylate	10.51	69	188278	53.870	ug/l	99
57) 1,3-Dichloropropane	10.79	76	223173	51.618	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	490187	281.595	ug/l	100
59) 2-Hexanone	10.83	43	408998	261.053	ug/l	99
60) Dibromochloromethane	10.99	129	173546	52.486	ug/l	99
61) 1,2-Dibromoethane	11.09	107	135181	52.554	ug/l	99
64) Tetrachloroethene	10.72	164	194191	49.370	ug/l	99
65) Chlorobenzene	11.52	112	446456	49.967	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	171724	50.846	ug/l	100
67) Ethyl Benzene	11.59	91	772362	50.114	ug/l	99
68) m/p-Xylenes	11.70	106	598623	99.954	ug/l	100
69) o-Xylene	12.03	106	287113	50.859	ug/l	100
70) Styrene	12.04	104	504762	51.749	ug/l	99
71) Bromoform	12.20	173	116084	51.351	ug/l #	99
73) Isopropylbenzene	12.33	105	760539	48.896	ug/l	99
74) N-amyl acetate	12.14	43	207391	51.774	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	145214	50.355	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	204817	92.667	ug/l #	100
77) Bromobenzene	12.61	156	201748	49.541	ug/l	98
78) n-propylbenzene	12.67	91	879700	48.749	ug/l	100
79) 2-Chlorotoluene	12.75	91	498236	49.295	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	640016	49.358	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	55924	48.307	ug/l	99
82) 4-Chlorotoluene	12.85	91	523123	49.215	ug/l	100
83) tert-Butylbenzene	13.08	119	563488	48.516	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	647010	49.588	ug/l	99
85) sec-Butylbenzene	13.25	105	760322	48.123	ug/l	100
86) p-Isopropyltoluene	13.37	119	717958	48.446	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	377878	49.228	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	379477	49.367	ug/l	100
89) n-Butylbenzene	13.69	91	640510	47.809	ug/l	100
90) Hexachloroethane	13.96	117	135103	48.944	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	348543	49.889	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	26311	48.836	ug/l	98

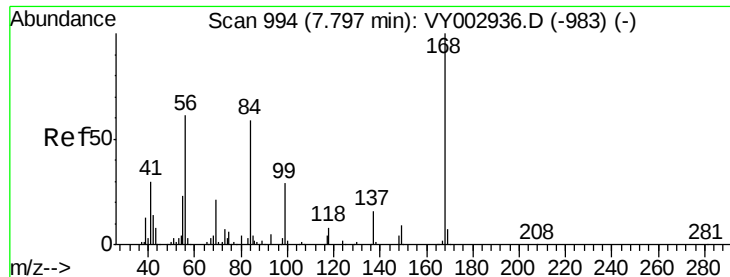
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	259091	49.421	ug/l	99
94) Hexachlorobutadiene	15.11	225	141480	46.821	ug/l	100
95) Naphthalene	15.23	128	530067	50.730	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	232966	49.807	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: VY002961.D

Acq: 20 Jun 2020 00:33

Instrument :

MSVOA_Y

ClientSampleId :

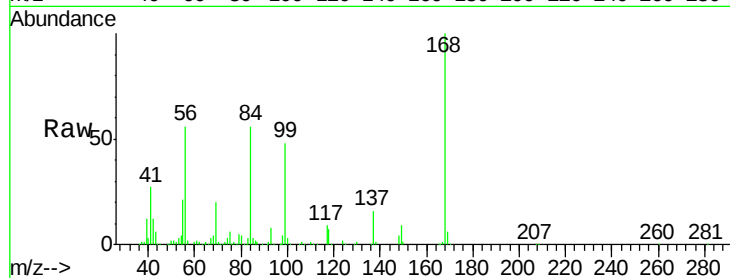
VSTDCCC050EC

Tgt Ion:168 Resp: 326187

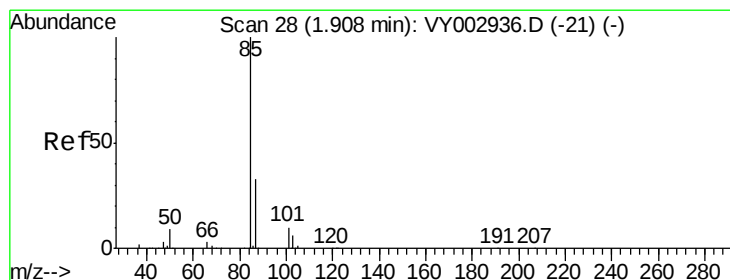
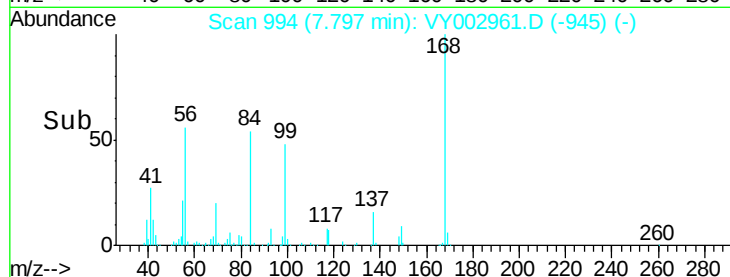
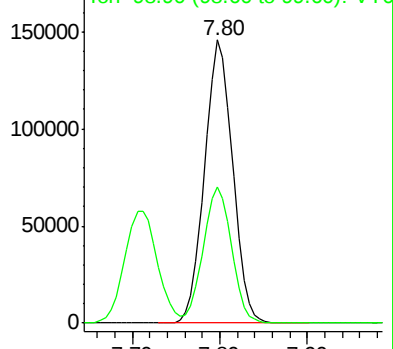
Ion Ratio Lower Upper

168 100

99 48.2 39.5 59.3



Abundance Ion 167.90 (167.60 to 168.60): VY002961.D (-983) (-)



#2

Dichlorodifluoromethane

Concen: 47.901 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.00 min

Lab File: VY002961.D

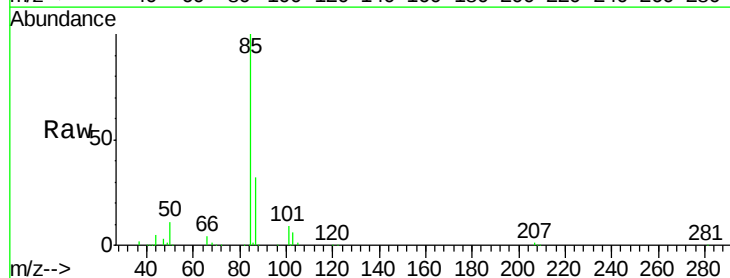
Acq: 20 Jun 2020 00:33

Tgt Ion: 85 Resp: 99610

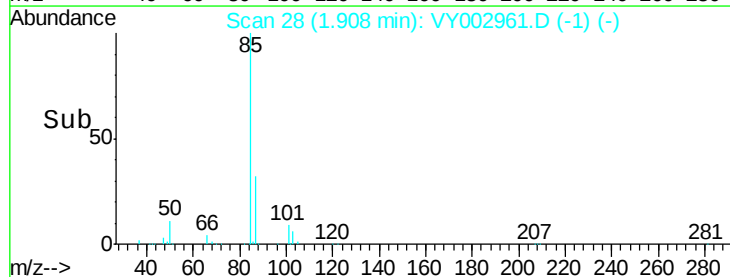
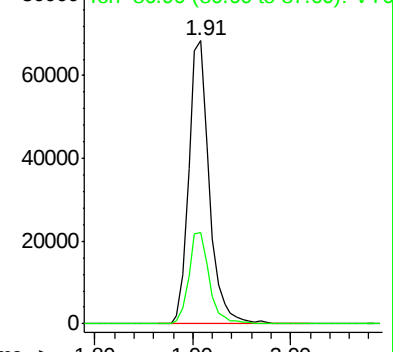
Ion Ratio Lower Upper

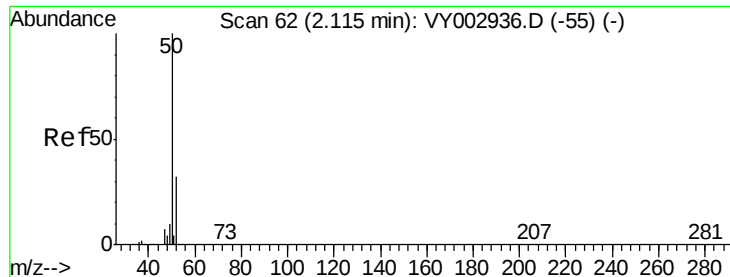
85 100

87 32.1 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VY002961.D (-21) (-)





#3

Chloromethane

Concen: 50.601 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY002961.D

Acq: 20 Jun 2020 00:33

Instrument :

MSVOA_Y

ClientSampleId :

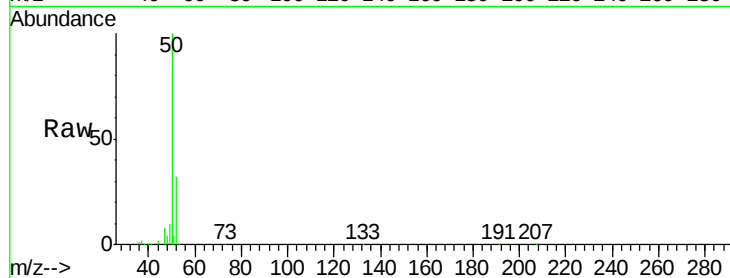
VSTDCCC050EC

Tgt Ion: 50 Resp: 119474

Ion Ratio Lower Upper

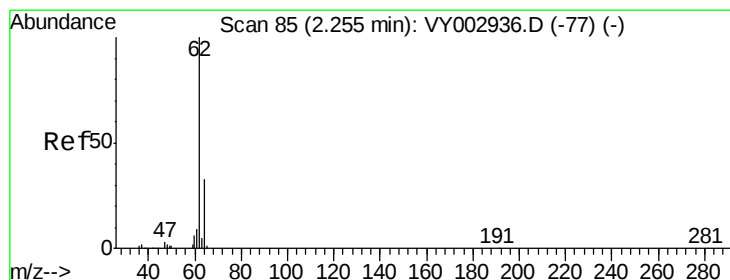
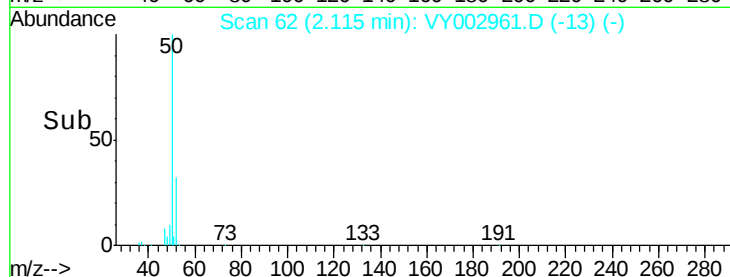
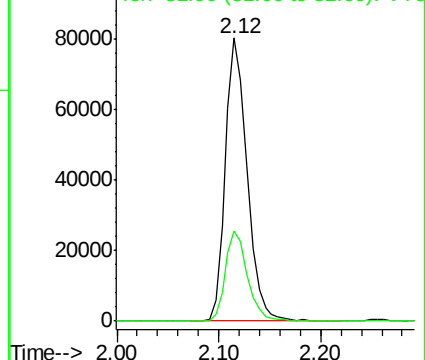
50 100

52 31.9 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 49.844 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.00 min

Lab File: VY002961.D

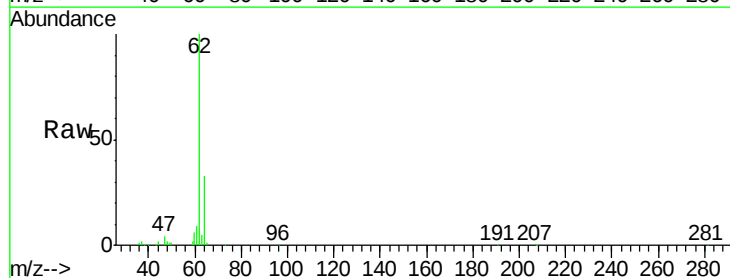
Acq: 20 Jun 2020 00:33

Tgt Ion: 62 Resp: 126359

Ion Ratio Lower Upper

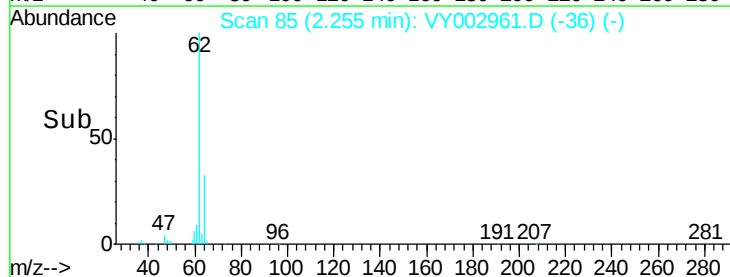
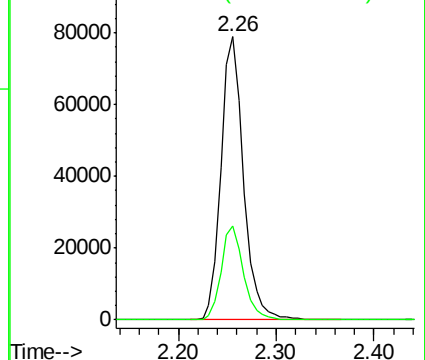
62 100

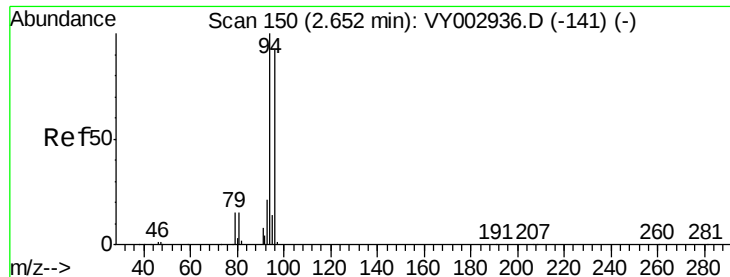
64 33.2 26.3 39.5



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 54.971 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.00 min

Lab File: VY002961.D

Acq: 20 Jun 2020 00:33

Instrument :

MSVOA_Y

ClientSampleId :

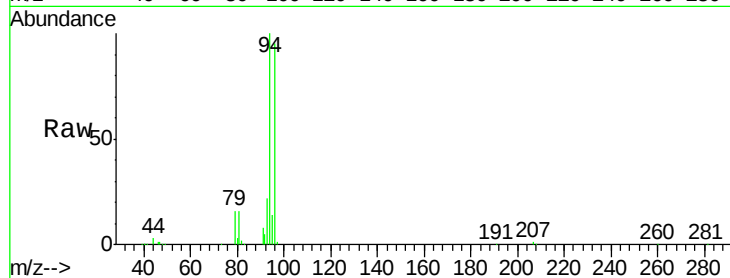
VSTDCCC050EC

Tgt Ion: 94 Resp: 102831

Ion Ratio Lower Upper

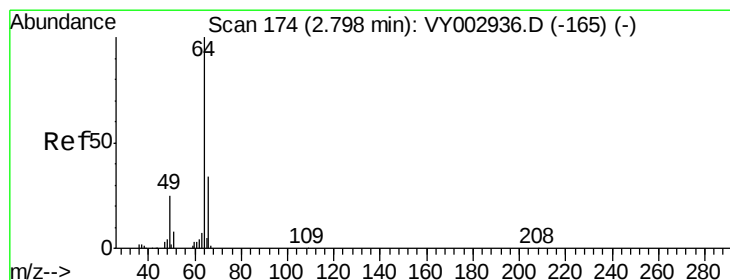
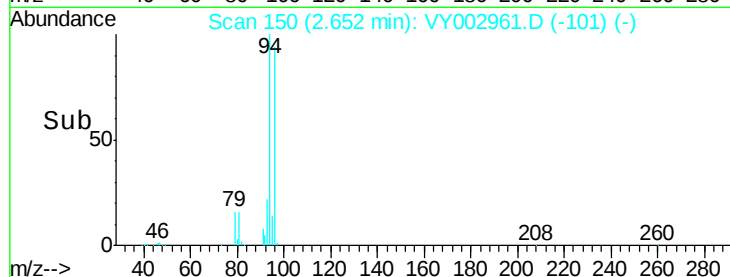
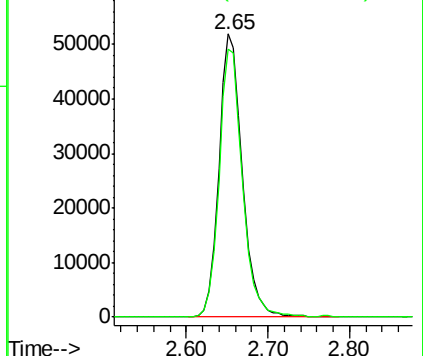
94 100

96 94.4 73.7 110.5



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 52.512 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.00 min

Lab File: VY002961.D

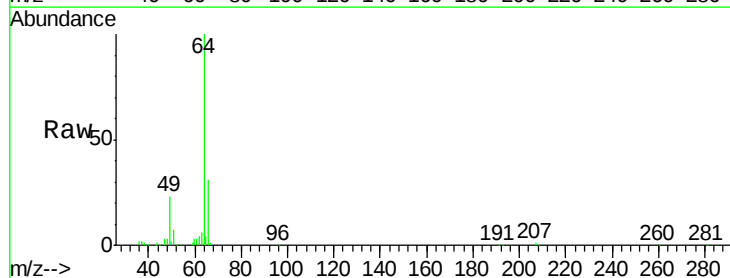
Acq: 20 Jun 2020 00:33

Tgt Ion: 64 Resp: 86103

Ion Ratio Lower Upper

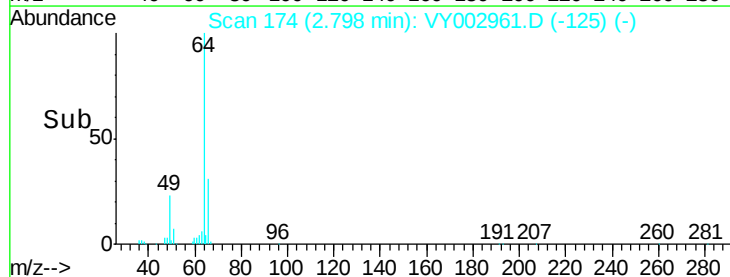
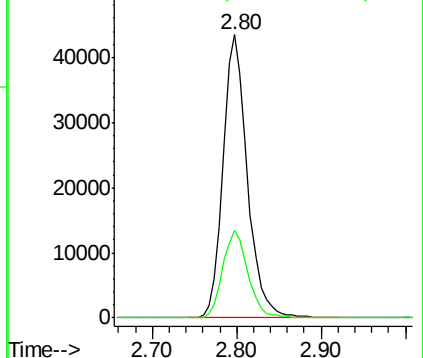
64 100

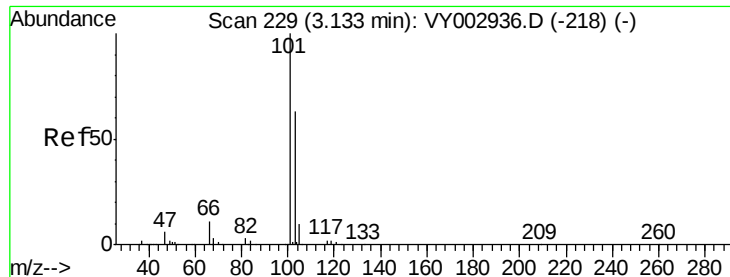
66 30.9 27.0 40.6



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



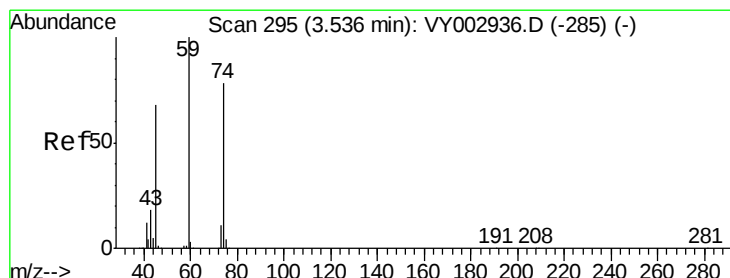
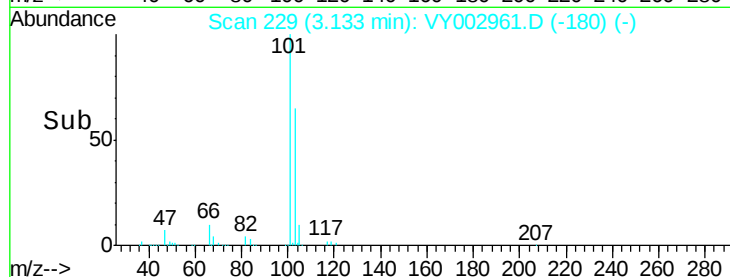
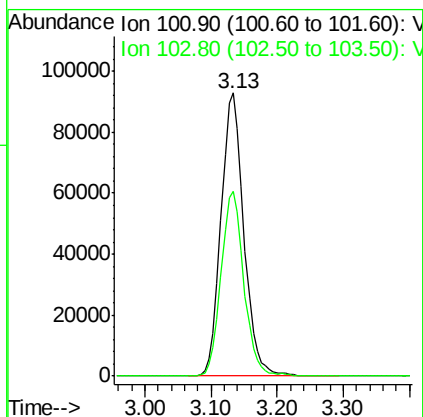
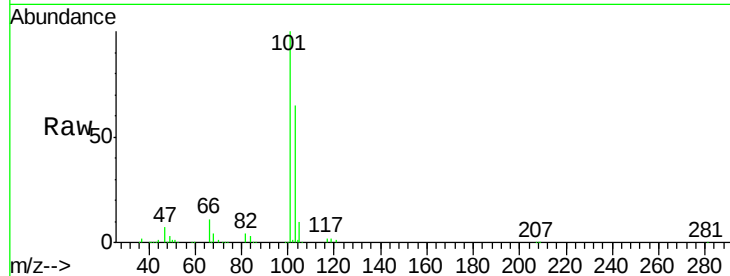


#7

Trichlorofluoromethane
Concen: 48.851 ug/l
RT: 3.13 min Scan# 229
Delta R.T. 0.00 min
Lab File: VY002961.D
Acq: 20 Jun 2020 00:33

Instrument :
MSVOA_Y
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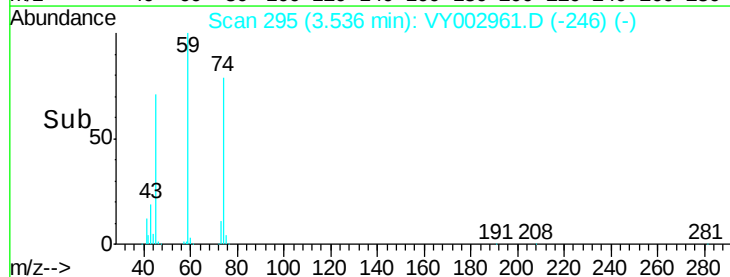
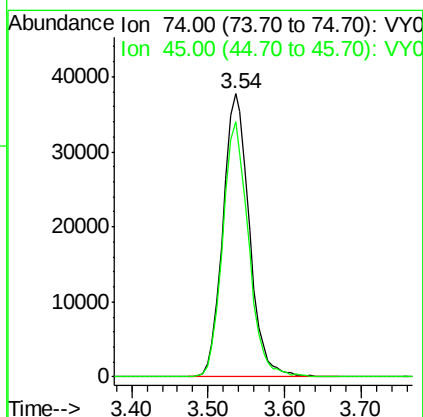
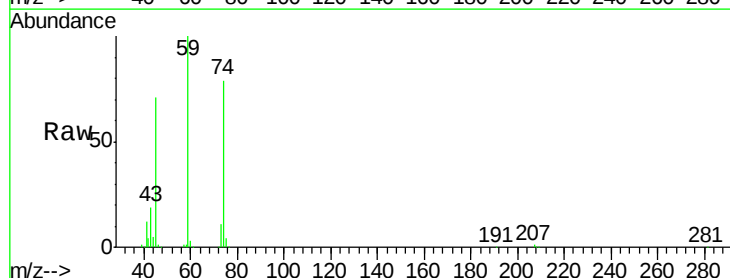
Tgt Ion: 101 Resp: 222384
Ion Ratio Lower Upper
101 100
103 65.1 50.6 76.0

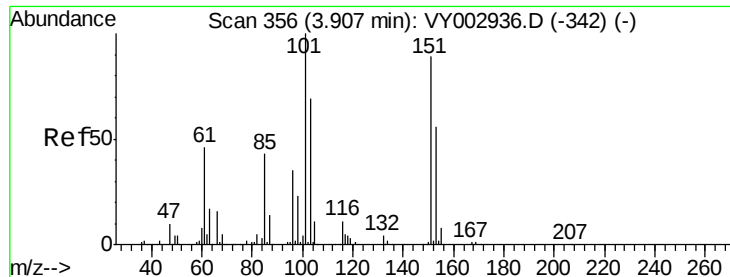


#8

Diethyl Ether
Concen: 54.753 ug/l
RT: 3.54 min Scan# 295
Delta R.T. 0.00 min
Lab File: VY002961.D
Acq: 20 Jun 2020 00:33

Tgt Ion: 74 Resp: 89935
Ion Ratio Lower Upper
74 100
45 88.6 43.7 131.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.238 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.00 min

Lab File: VY002961.D

Acq: 20 Jun 2020 00:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

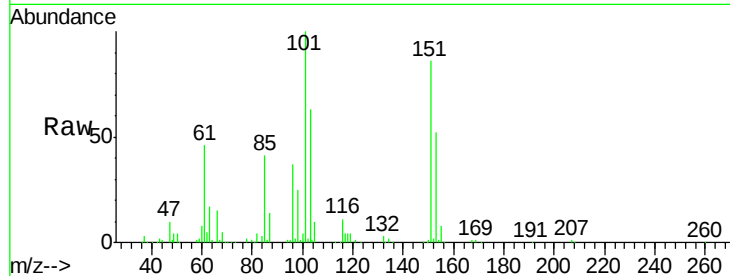
Tgt Ion:101 Resp: 134994

Ion Ratio Lower Upper

101 100

85 41.9 33.6 50.4

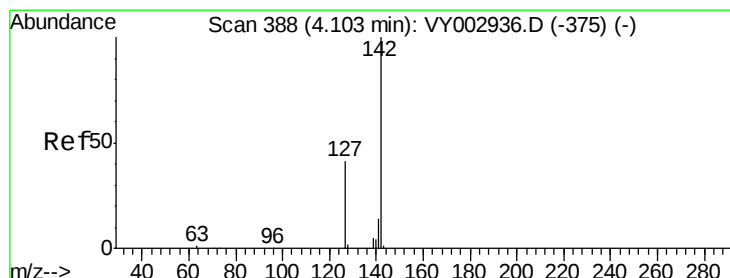
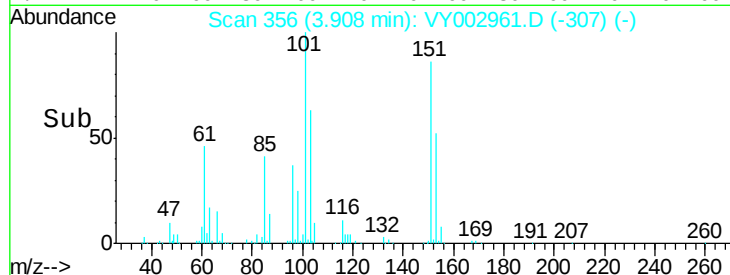
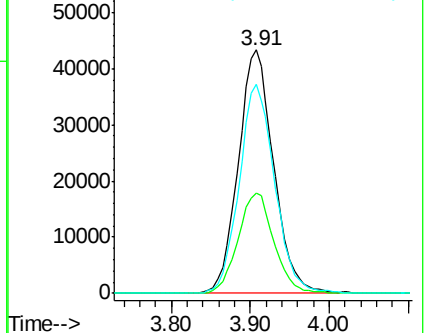
151 86.6 70.4 105.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 49.318 ug/l

RT: 4.10 min Scan# 388

Delta R.T. 0.00 min

Lab File: VY002961.D

Acq: 20 Jun 2020 00:33

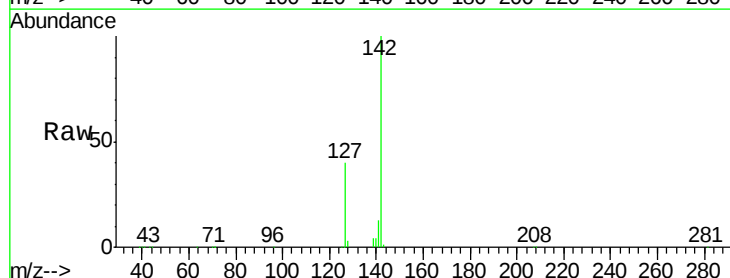
Tgt Ion:142 Resp: 187197

Ion Ratio Lower Upper

142 100

127 41.0 32.9 49.3

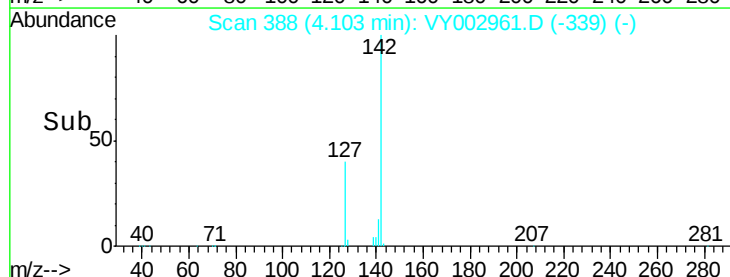
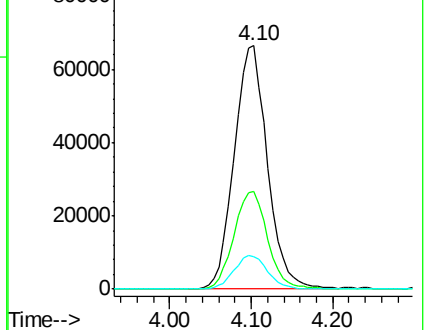
141 14.1 11.3 16.9

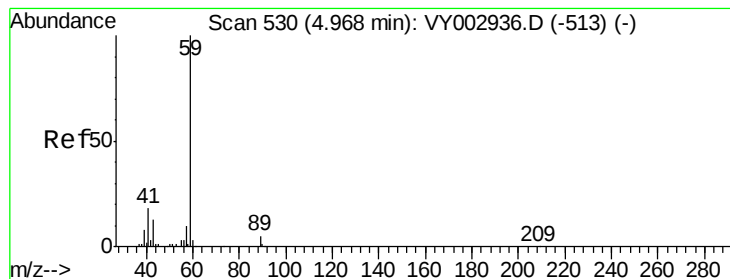


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



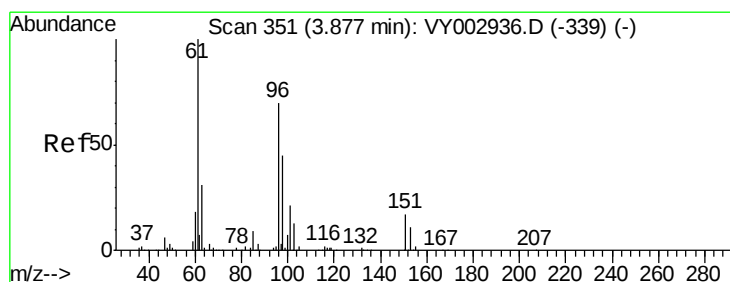
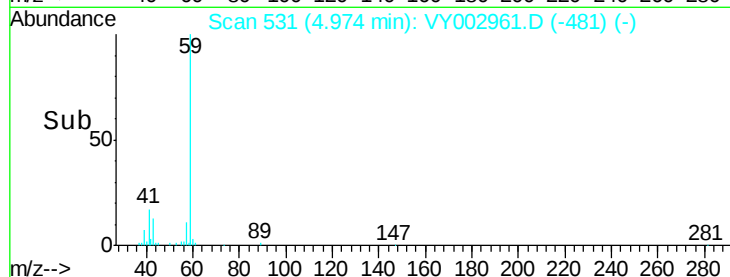
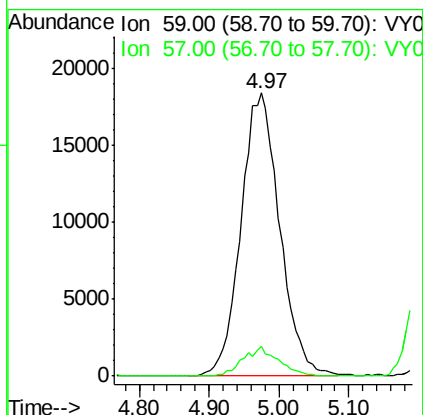
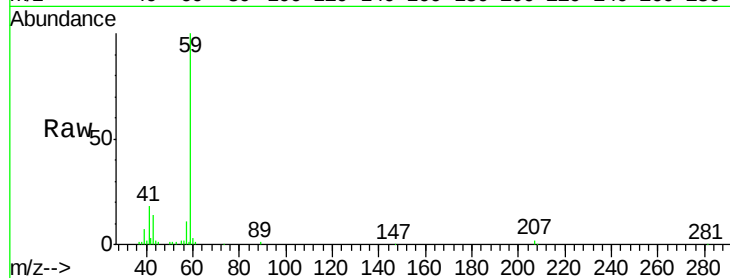


#11

Tert butyl alcohol
 Concen: 242.301 ug/l
 RT: 4.97 min Scan# 531
 Delta R.T. 0.01 min
 Lab File: VY002961.D
 Acq: 20 Jun 2020 00:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

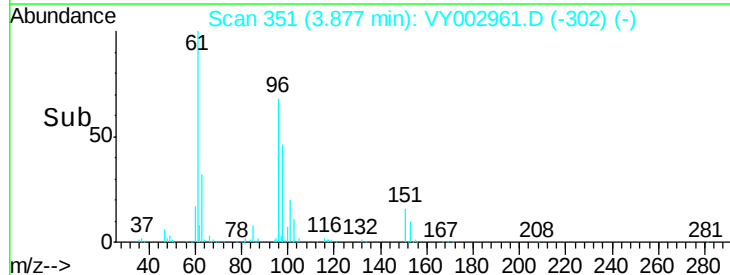
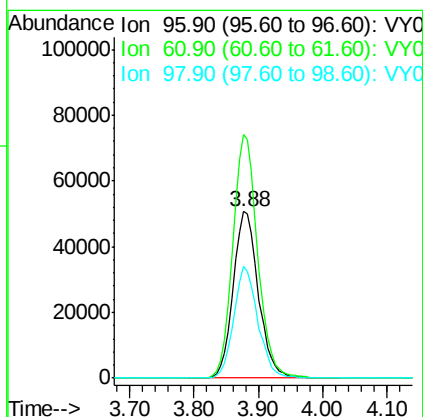
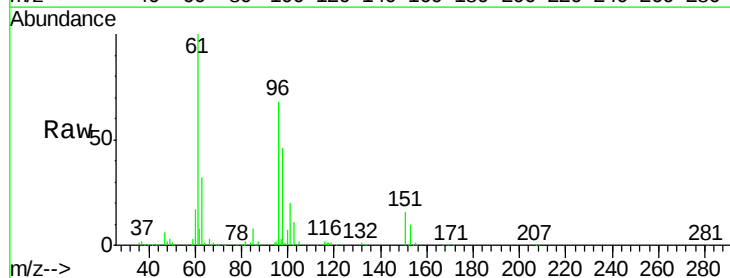
Tgt Ion: 59 Resp: 70777
 Ion Ratio Lower Upper
 59 100
 57 9.5 7.4 11.2

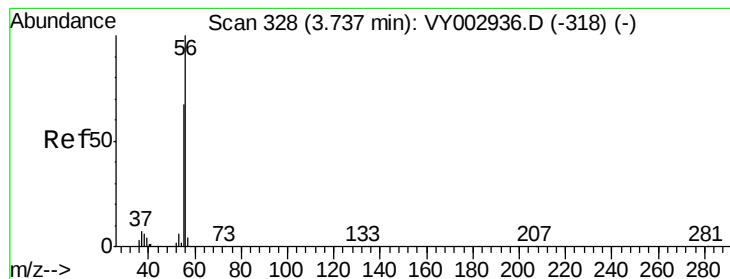


#12

1,1-Dichloroethene
 Concen: 50.833 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VY002961.D
 Acq: 20 Jun 2020 00:33

Tgt Ion: 96 Resp: 138202
 Ion Ratio Lower Upper
 96 100
 61 146.1 114.6 172.0
 98 67.4 51.4 77.0





#13

Acrolein

Concen: 254.510 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY002961.D

Acq: 20 Jun 2020 00:33

Instrument :

MSVOA_Y

ClientSampleId :

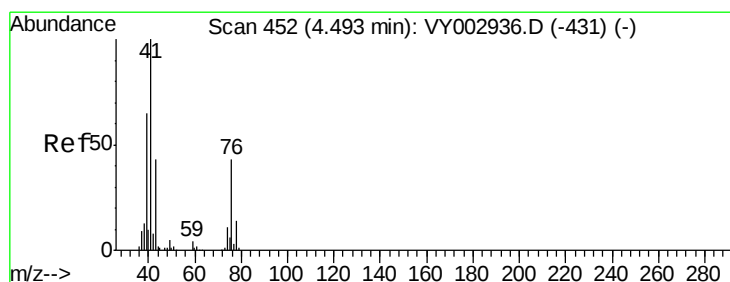
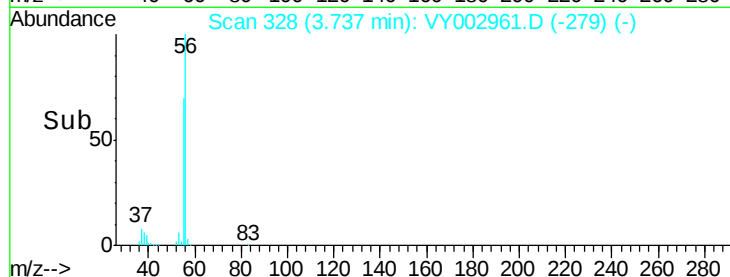
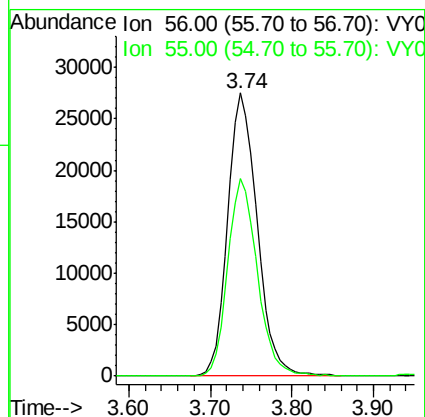
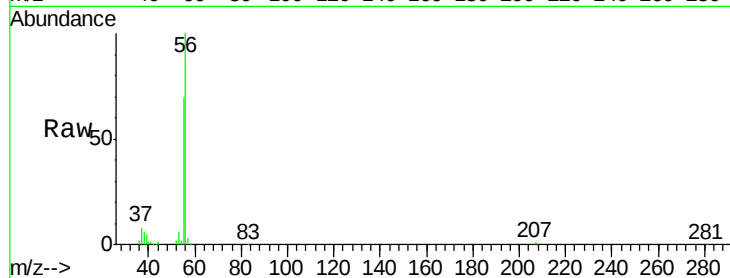
VSTDCCC050EC

Tgt Ion: 56 Resp: 68887

Ion Ratio Lower Upper

56 100

55 70.1 55.3 82.9



#14

Allyl chloride

Concen: 52.568 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.01 min

Lab File: VY002961.D

Acq: 20 Jun 2020 00:33

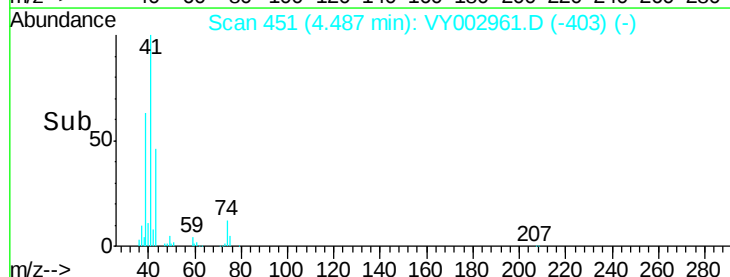
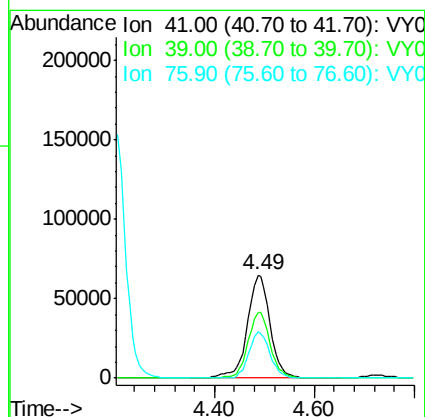
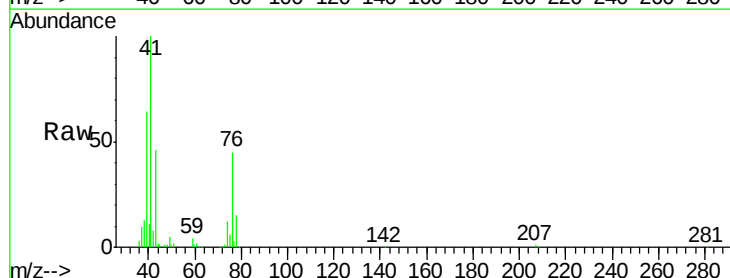
Tgt Ion: 41 Resp: 206139

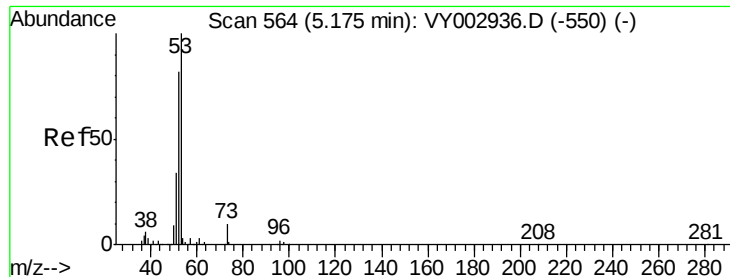
Ion Ratio Lower Upper

41 100

39 61.9 50.0 75.0

76 41.3 33.3 49.9





#15

Acrylonitrile

Concen: 270.476 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY002961.D

Acq: 20 Jun 2020 00:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

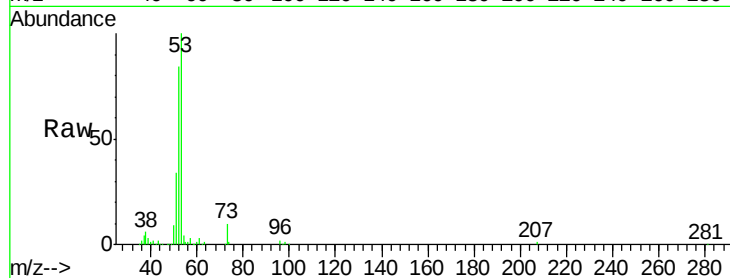
Tgt Ion: 53 Resp: 213072

Ion Ratio Lower Upper

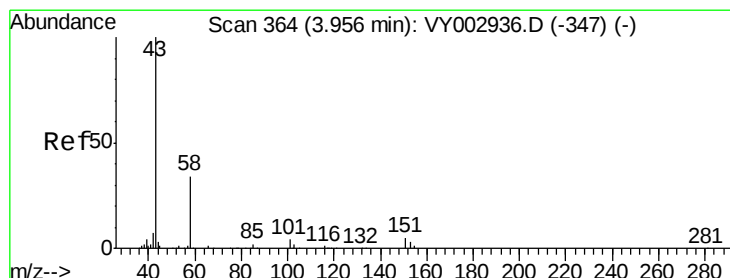
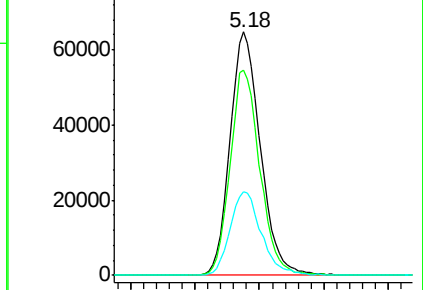
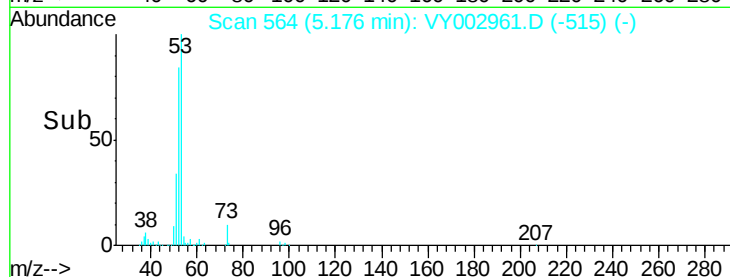
53 100

52 82.6 65.7 98.5

51 35.5 28.1 42.1



Abundance Ion 53.00 (52.70 to 53.70): VY002961.D (-515) (-)



#16

Acetone

Concen: 226.300 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.00 min

Lab File: VY002961.D

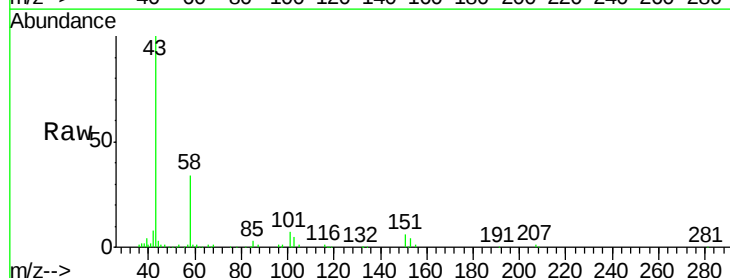
Acq: 20 Jun 2020 00:33

Tgt Ion: 43 Resp: 151011

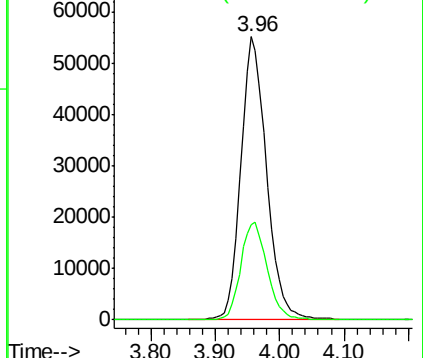
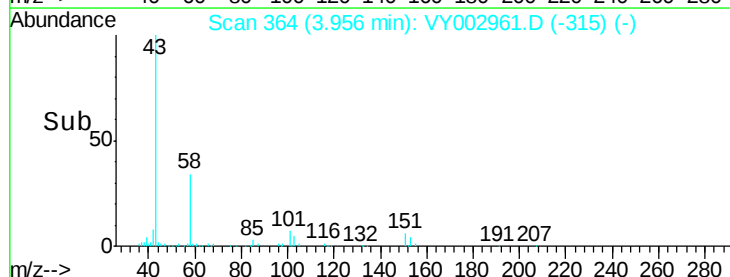
Ion Ratio Lower Upper

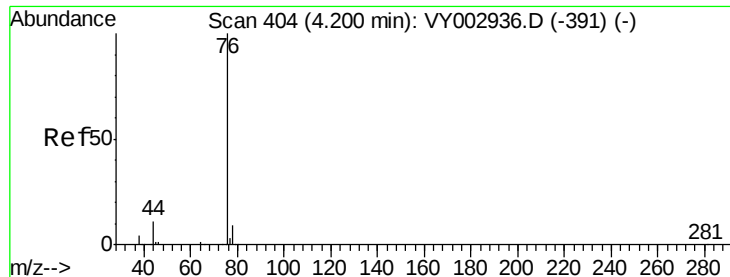
43 100

58 33.4 27.3 40.9



Abundance Ion 43.00 (42.70 to 43.70): VY002961.D (-315) (-)

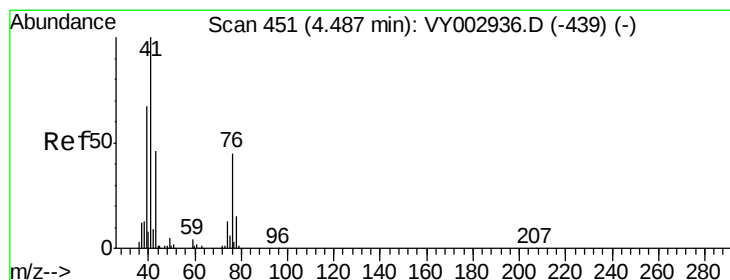
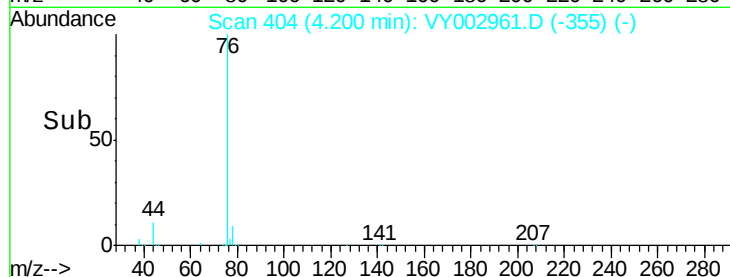
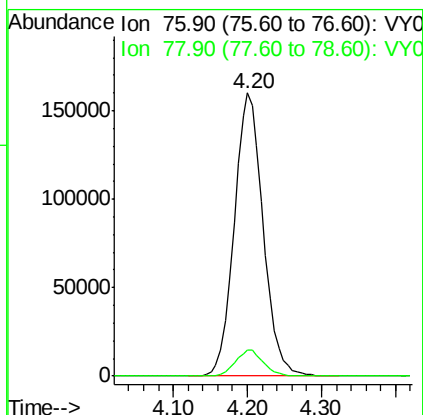
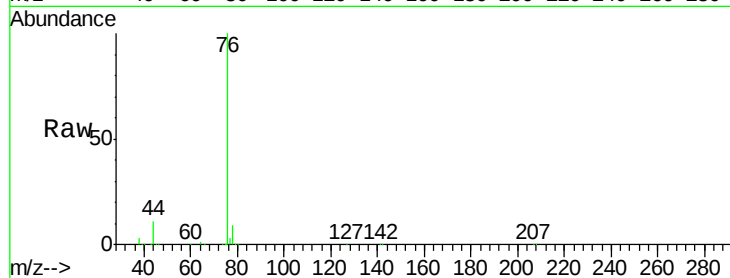




#17
Carbon Disulfide
Concen: 54.006 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.00 min
Lab File: VY002961.D
Acq: 20 Jun 2020 00:33

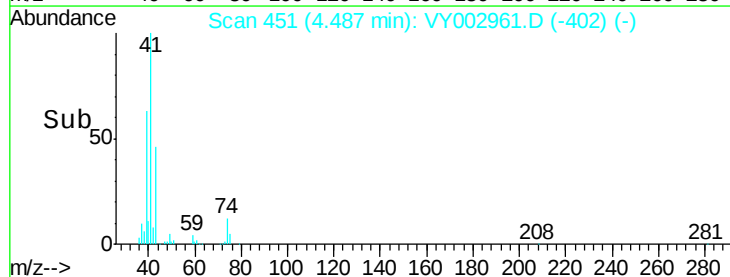
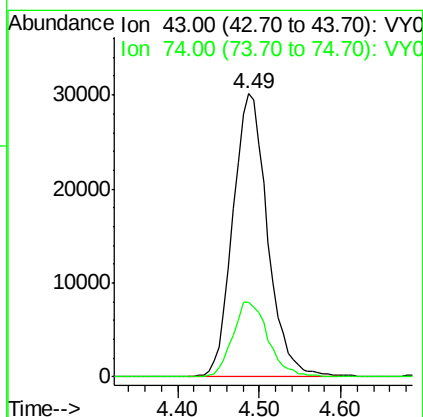
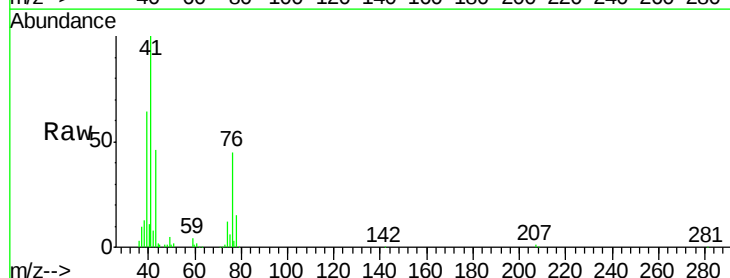
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

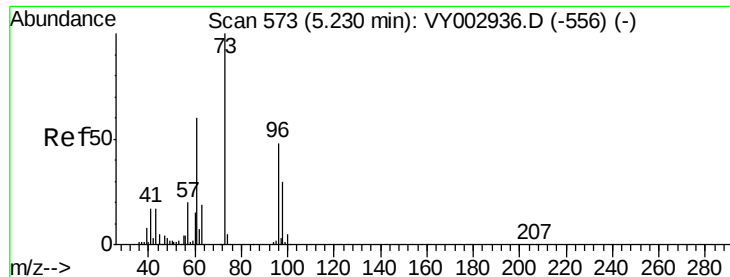
Tgt Ion: 76 Resp: 434091
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.2



#18
Methyl Acetate
Concen: 52.522 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.00 min
Lab File: VY002961.D
Acq: 20 Jun 2020 00:33

Tgt Ion: 43 Resp: 88454
Ion Ratio Lower Upper
43 100
74 27.2 21.1 31.7



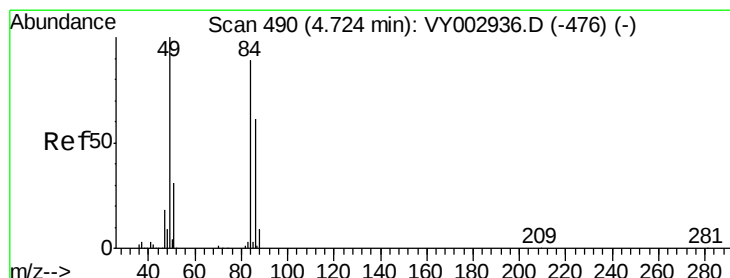
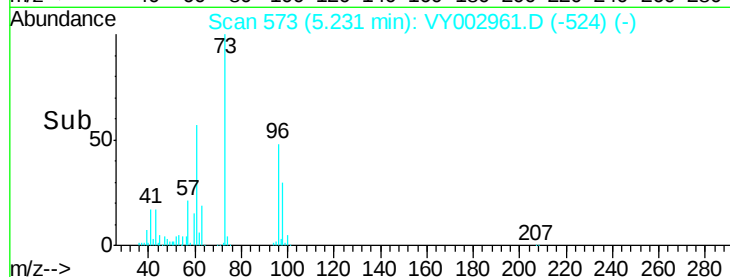
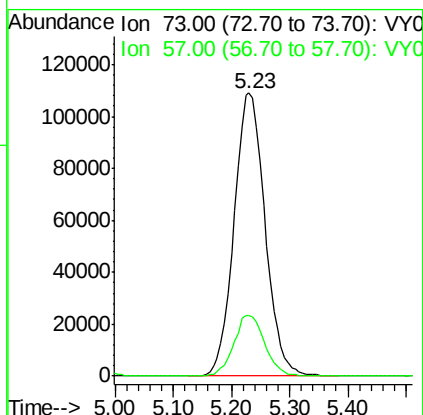
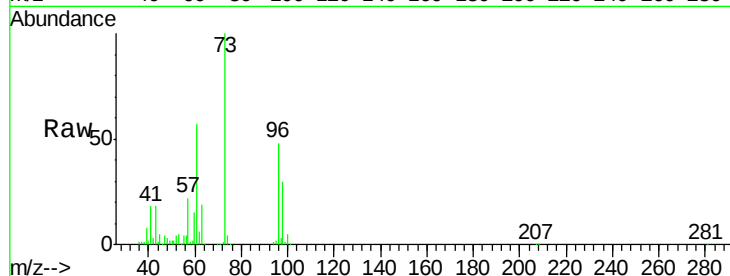


#19

Methyl tert-butyl Ether
 Concen: 54.461 ug/l
 RT: 5.23 min Scan# 573
 Delta R.T. 0.00 min
 Lab File: VY002961.D
 Acq: 20 Jun 2020 00:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

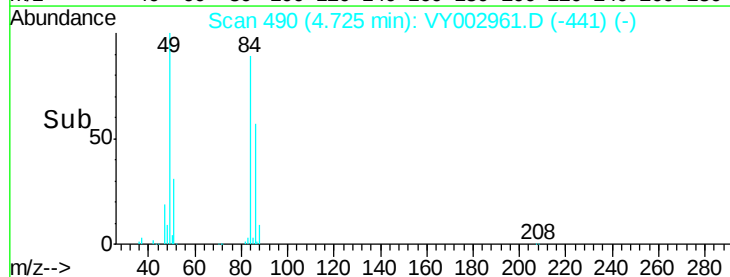
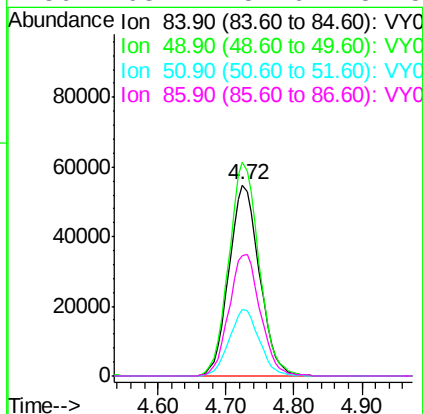
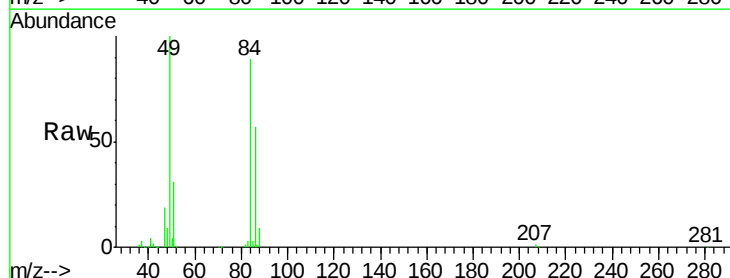
Tgt Ion: 73 Resp: 403276
 Ion Ratio Lower Upper
 73 100
 57 21.6 16.4 24.6

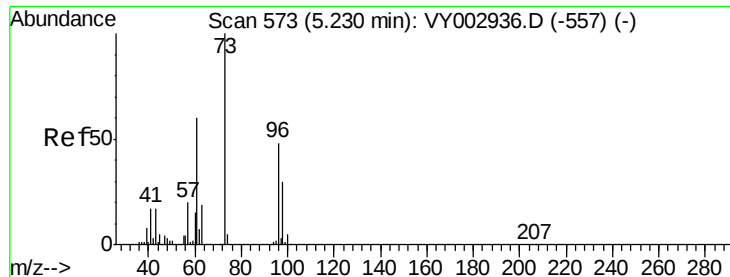


#20

Methylene Chloride
 Concen: 53.131 ug/l
 RT: 4.72 min Scan# 490
 Delta R.T. 0.00 min
 Lab File: VY002961.D
 Acq: 20 Jun 2020 00:33

Tgt Ion: 84 Resp: 170616
 Ion Ratio Lower Upper
 84 100
 49 111.8 90.0 135.0
 51 34.5 27.9 41.9
 86 63.2 54.6 81.8





#21

trans-1,2-Dichloroethene

Concen: 53.351 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.00 min

Lab File: VY002961.D

Acq: 20 Jun 2020 00:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

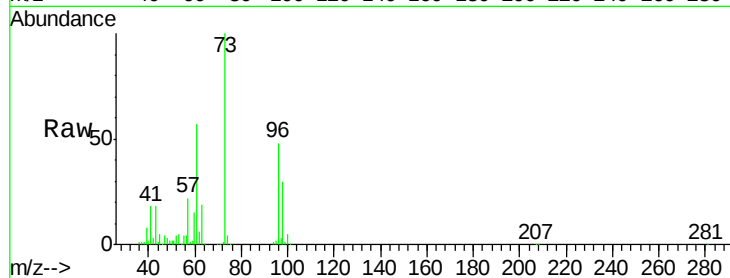
Tgt Ion: 96 Resp: 161043

Ion Ratio Lower Upper

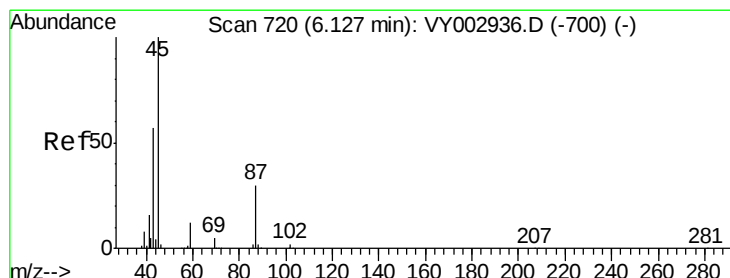
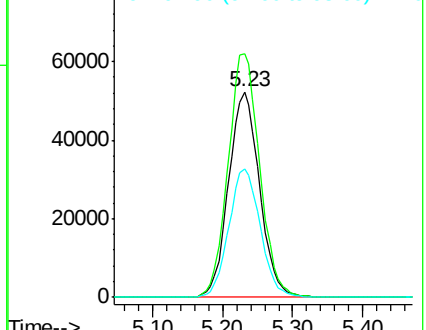
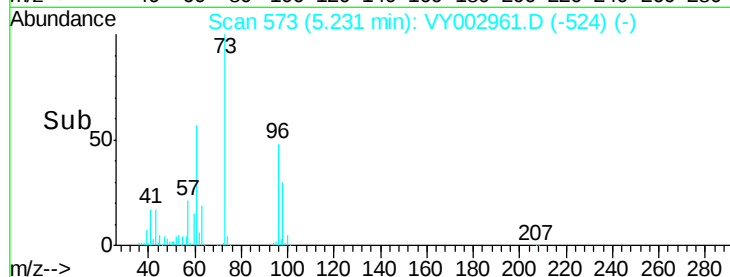
96 100

61 118.4 100.6 150.8

98 62.7 49.8 74.8



Abundance Ion 95.90 (95.60 to 96.60): VY002961.D (-524) (-)



#22

Diisopropyl ether

Concen: 54.114 ug/l

RT: 6.13 min Scan# 720

Delta R.T. 0.00 min

Lab File: VY002961.D

Acq: 20 Jun 2020 00:33

Tgt Ion: 45 Resp: 433230

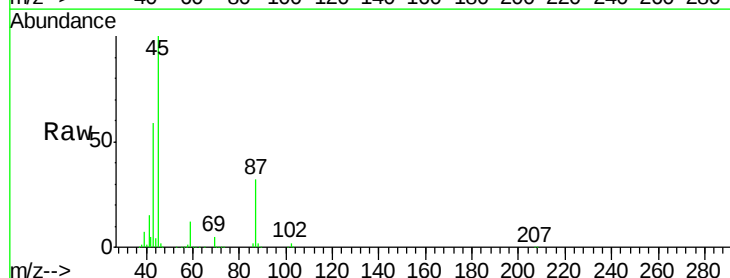
Ion Ratio Lower Upper

45 100

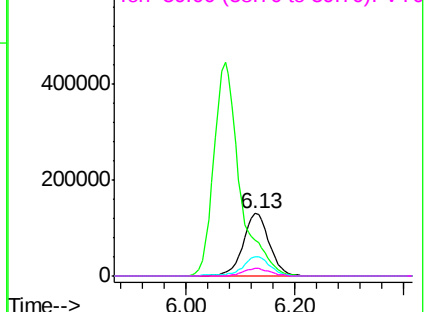
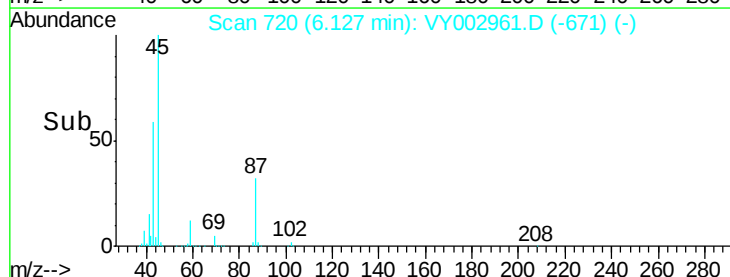
43 58.4 46.2 69.2

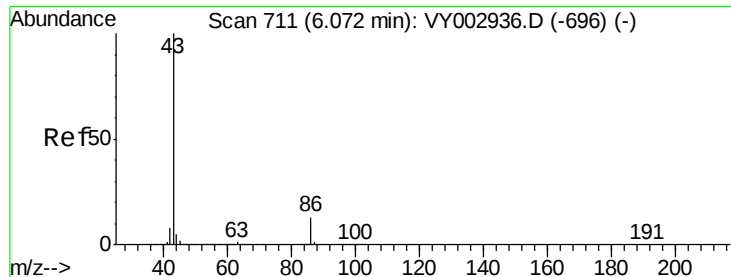
87 31.8 24.9 37.3

59 11.8 9.9 14.9



Abundance Ion 45.00 (44.70 to 45.70): VY002961.D (-671) (-)





#23

Vinyl Acetate

Concen: 283.353 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.00 min

Lab File: VY002961.D

Acq: 20 Jun 2020 00:33

Instrument :

MSVOA_Y

ClientSampleId :

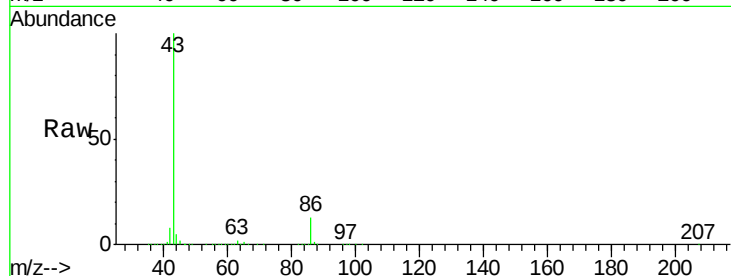
VSTDCCC050EC

Tgt Ion: 43 Resp: 1467383

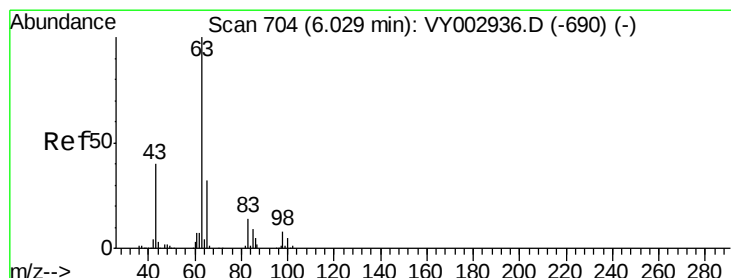
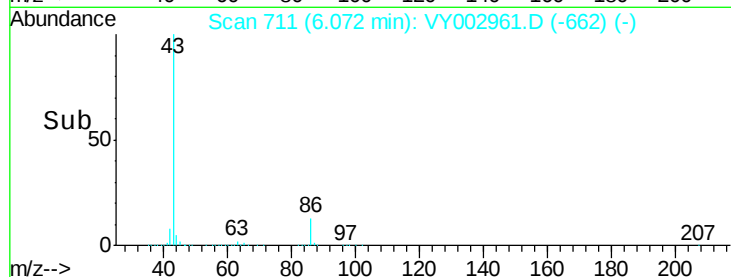
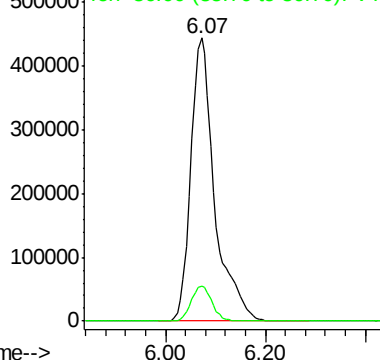
Ion Ratio Lower Upper

43 100

86 12.6 10.6 15.8



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 53.361 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: VY002961.D

Acq: 20 Jun 2020 00:33

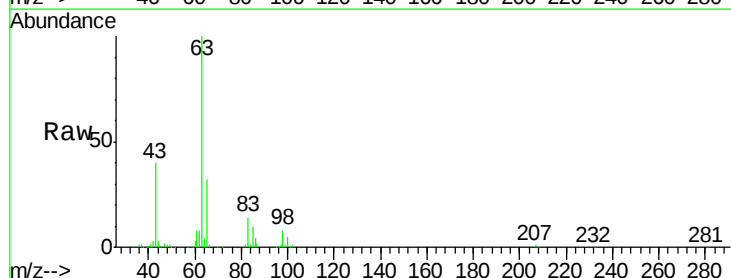
Tgt Ion: 63 Resp: 253082

Ion Ratio Lower Upper

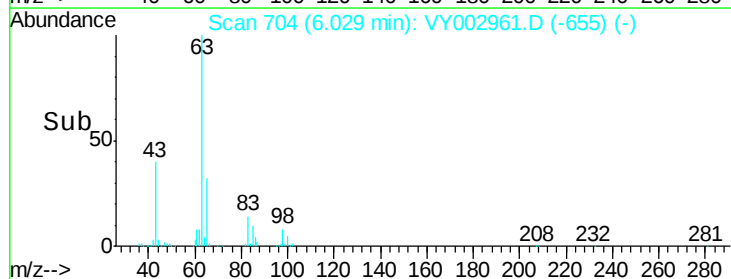
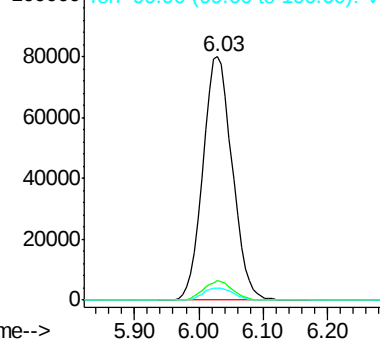
63 100

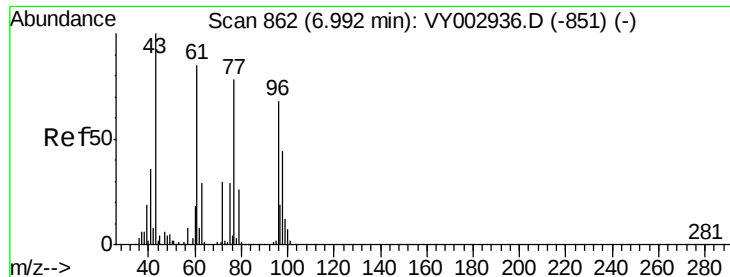
98 8.0 4.0 12.0

100 5.1 2.5 7.6



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





#25

2-Butanone

Concen: 255.189 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.01 min

Lab File: VY002961.D

Acq: 20 Jun 2020 00:33

Instrument :

MSVOA_Y

ClientSampleId :

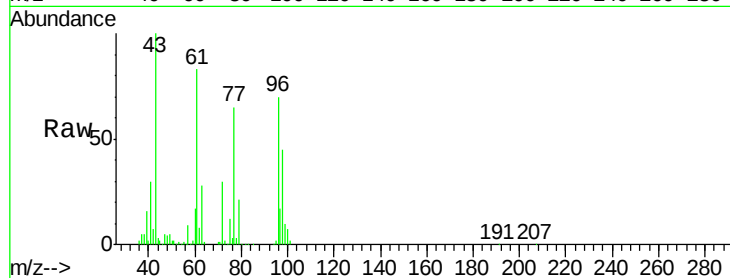
VSTDCCC050EC

Tgt Ion: 43 Resp: 255174

Ion Ratio Lower Upper

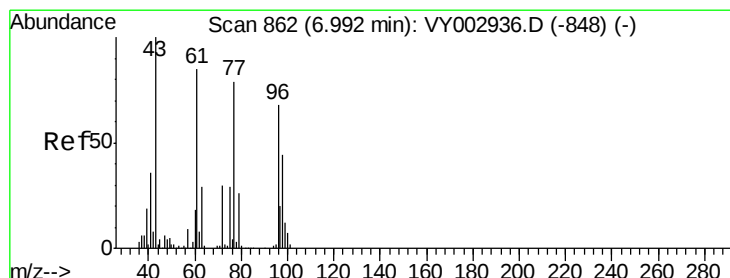
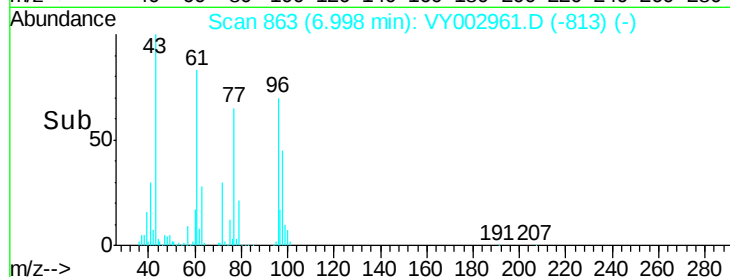
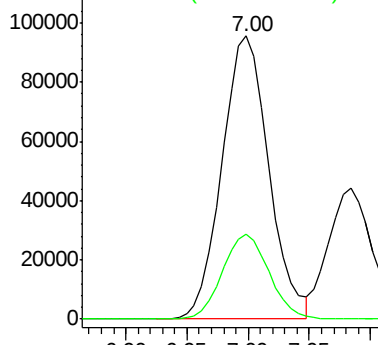
43 100

72 30.0 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 45.444 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY002961.D

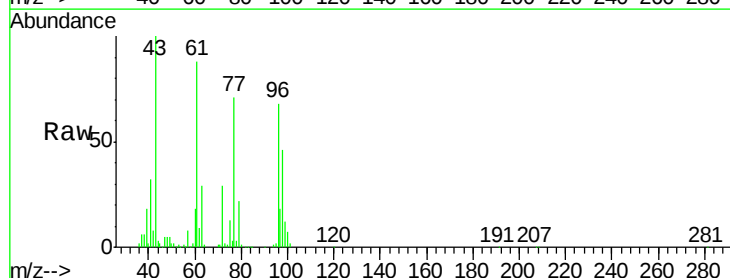
Acq: 20 Jun 2020 00:33

Tgt Ion: 77 Resp: 201301

Ion Ratio Lower Upper

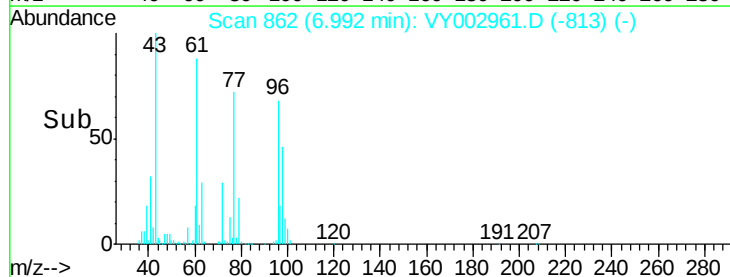
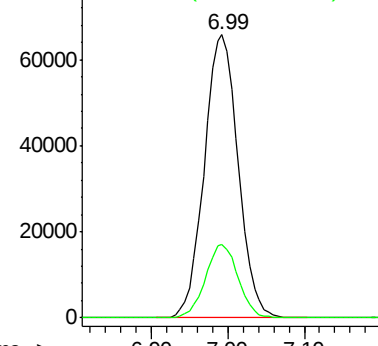
77 100

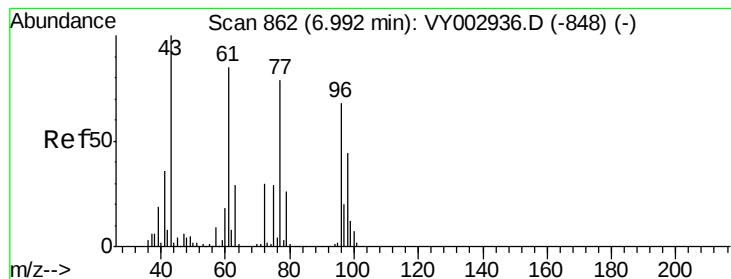
97 25.1 12.3 36.9



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0



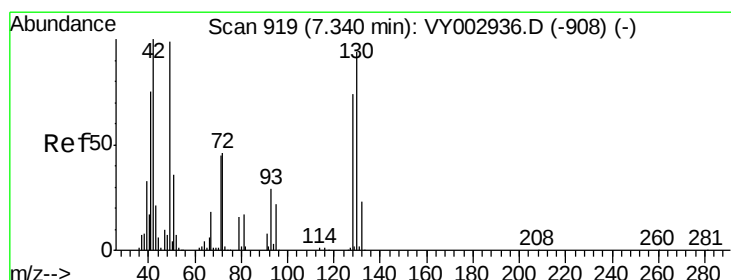
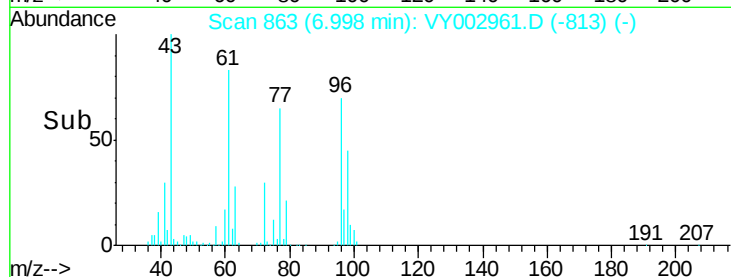
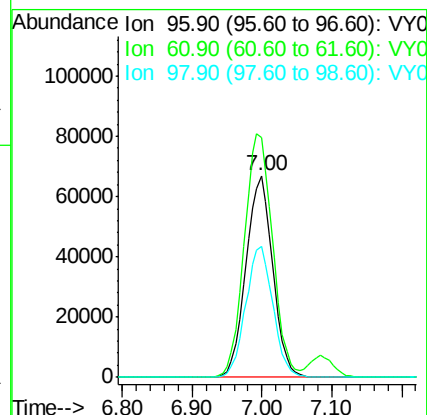
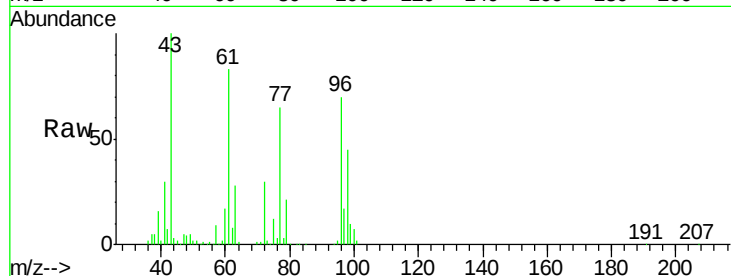


#27

cis-1,2-Dichloroethene
 Concen: 52.764 ug/l
 RT: 7.00 min Scan# 863
 Delta R.T. 0.01 min
 Lab File: VY002961.D
 Acq: 20 Jun 2020 00:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

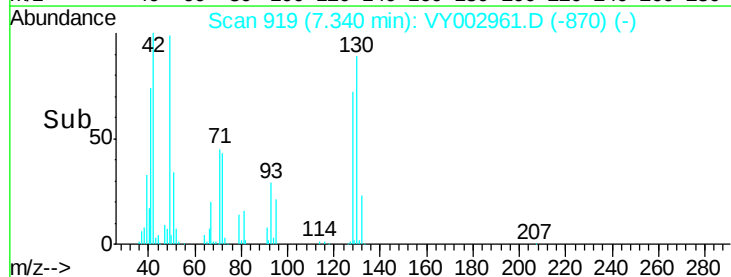
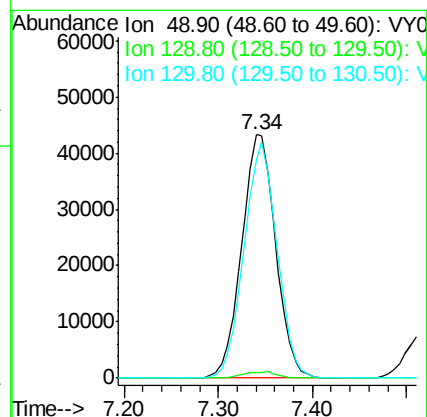
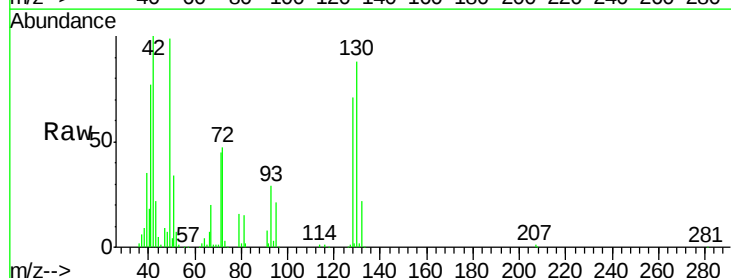
Tgt Ion: 96 Resp: 178008
 Ion Ratio Lower Upper
 96 100
 61 127.2 0.0 257.0
 98 65.6 0.0 129.8

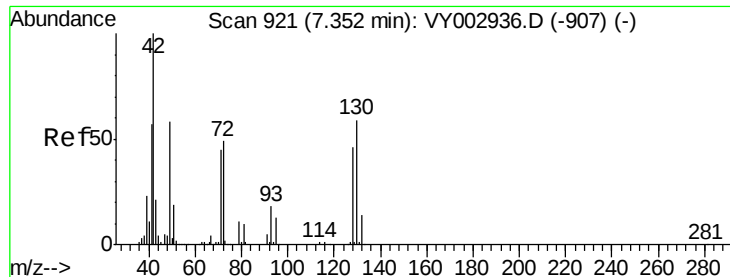


#28

Bromochloromethane
 Concen: 55.046 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: VY002961.D
 Acq: 20 Jun 2020 00:33

Tgt Ion: 49 Resp: 109156
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 5.0
 130 94.4 78.4 117.6





#29

Tetrahydrofuran

Concen: 270.607 ug/l

RT: 7.35 min Scan# 921

Delta R.T. 0.00 min

Lab File: VY002961.D

Acq: 20 Jun 2020 00:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

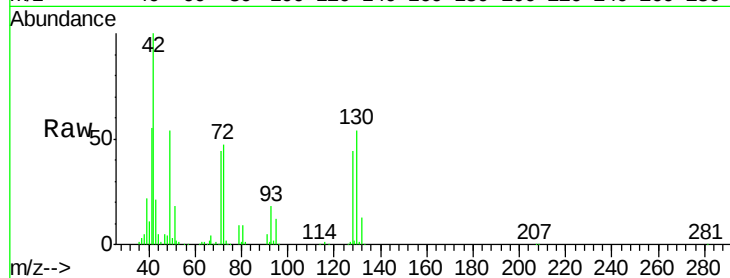
Tgt Ion: 42 Resp: 174788

Ion Ratio Lower Upper

42 100

72 47.9 39.1 58.7

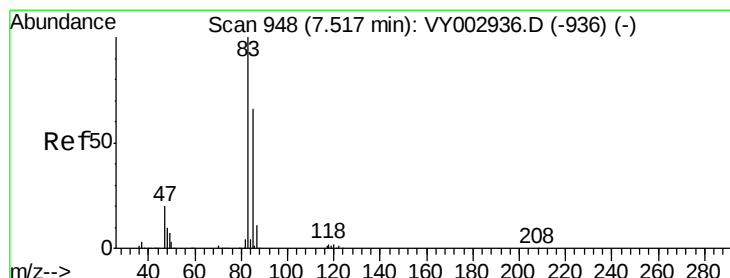
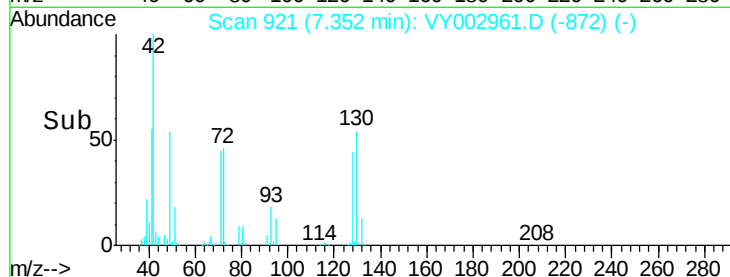
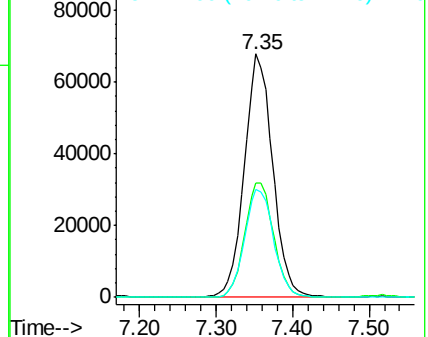
71 45.6 36.4 54.6



Abundance Ion 42.00 (41.70 to 42.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

Ion 71.00 (70.70 to 71.70): VY0



#30

Chloroform

Concen: 53.542 ug/l

RT: 7.52 min Scan# 948

Delta R.T. 0.00 min

Lab File: VY002961.D

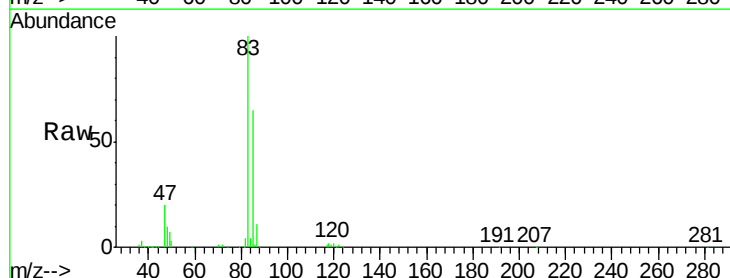
Acq: 20 Jun 2020 00:33

Tgt Ion: 83 Resp: 265965

Ion Ratio Lower Upper

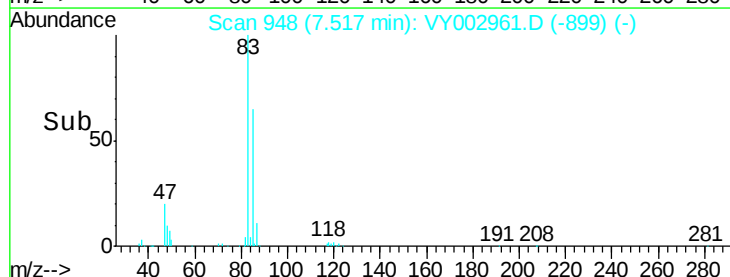
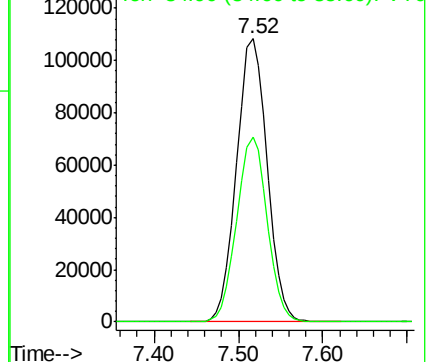
83 100

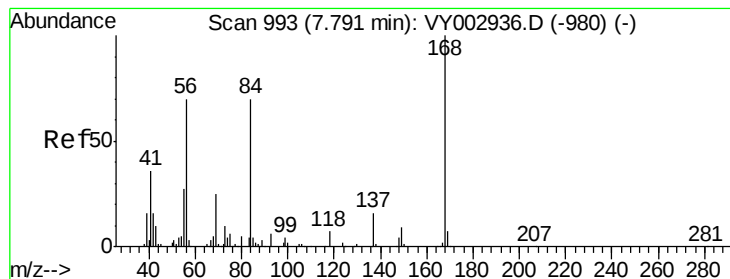
85 65.4 53.1 79.7



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 48.433 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY002961.D

Acq: 20 Jun 2020 00:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

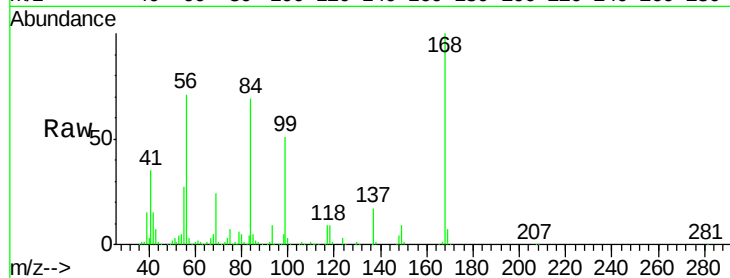
Tgt Ion: 56 Resp: 224066

Ion Ratio Lower Upper

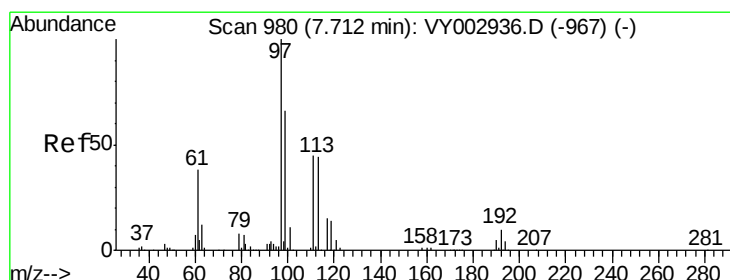
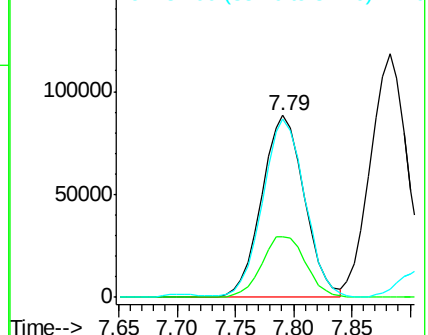
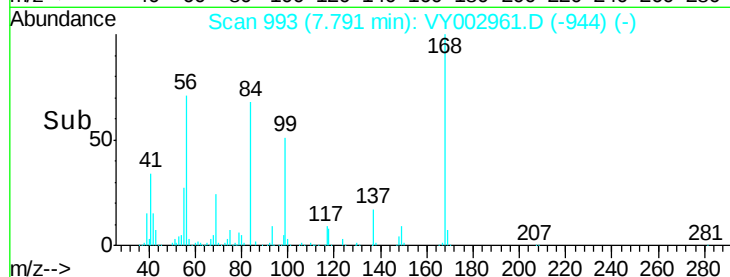
56 100

69 33.6 28.9 43.3

84 96.7 80.1 120.1



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



#32

1,1,1-Trichloroethane

Concen: 51.354 ug/l

RT: 7.71 min Scan# 980

Delta R.T. 0.00 min

Lab File: VY002961.D

Acq: 20 Jun 2020 00:33

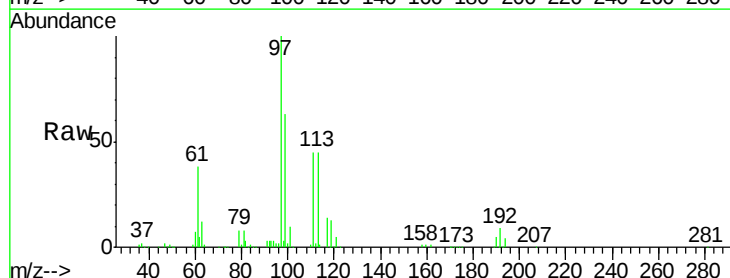
Tgt Ion: 97 Resp: 235058

Ion Ratio Lower Upper

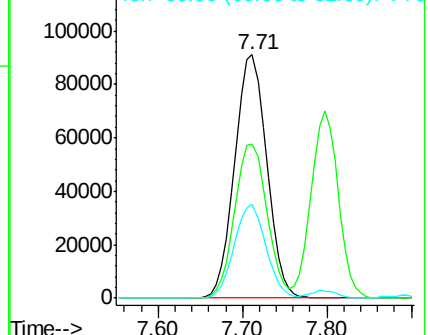
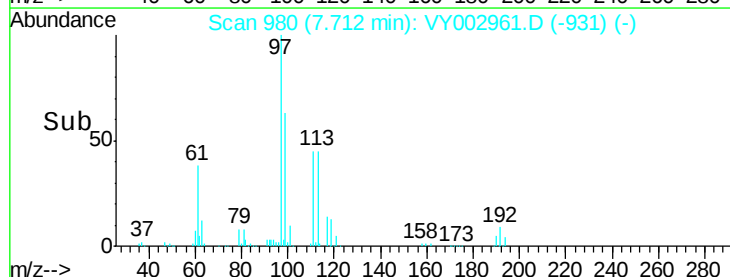
97 100

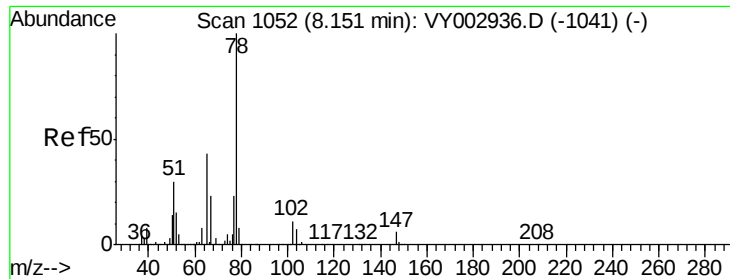
99 64.0 52.2 78.2

61 38.1 30.3 45.5



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: 55.920 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY002961.D

Acq: 20 Jun 2020 00:33

Instrument :

MSVOA_Y

ClientSampleId :

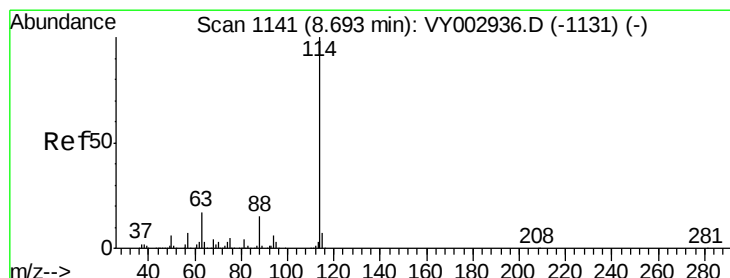
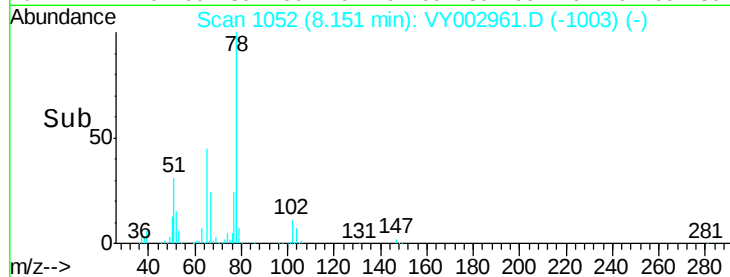
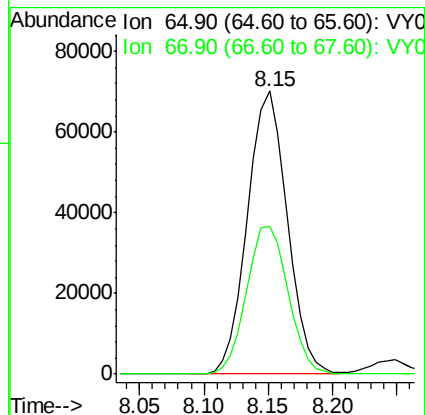
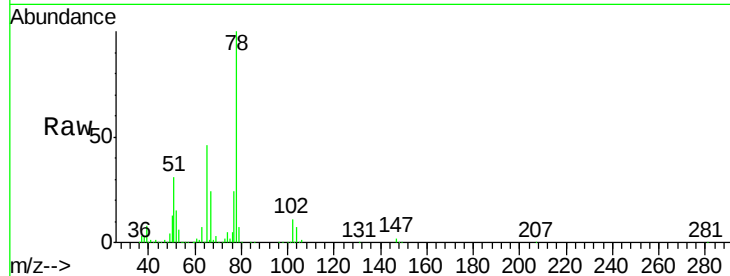
VSTDCCC050EC

Tgt Ion: 65 Resp: 150663

Ion Ratio Lower Upper

65 100

67 54.3 0.0 109.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. 0.00 min

Lab File: VY002961.D

Acq: 20 Jun 2020 00:33

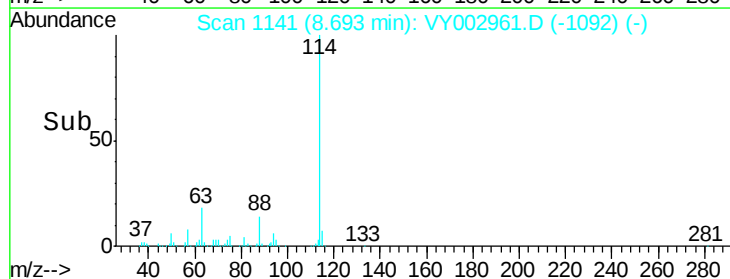
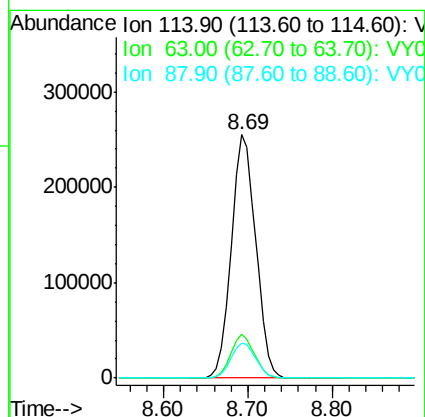
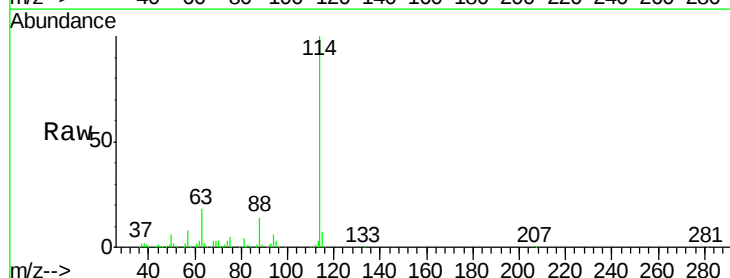
Tgt Ion: 114 Resp: 500773

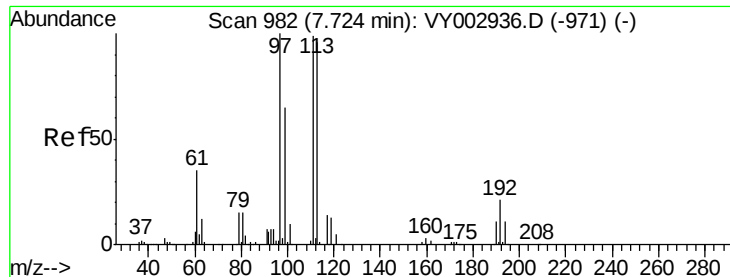
Ion Ratio Lower Upper

114 100

63 17.9 0.0 34.6

88 14.5 0.0 29.2

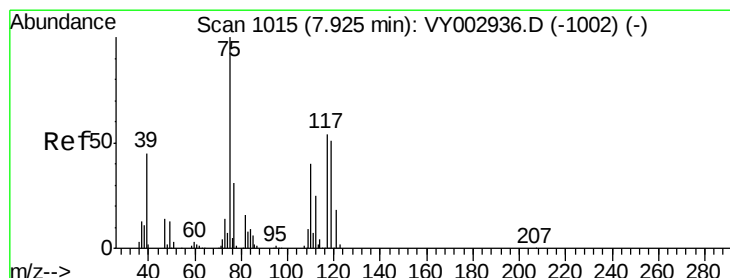
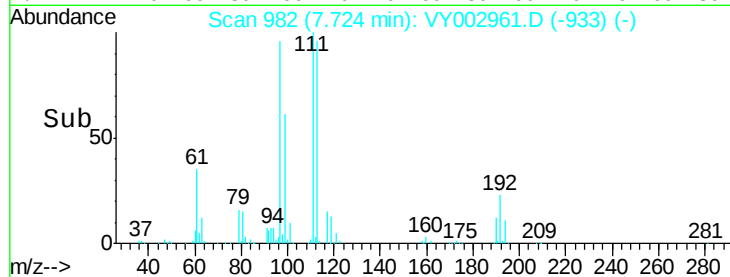
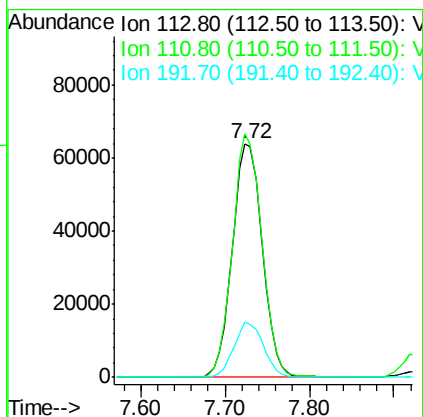
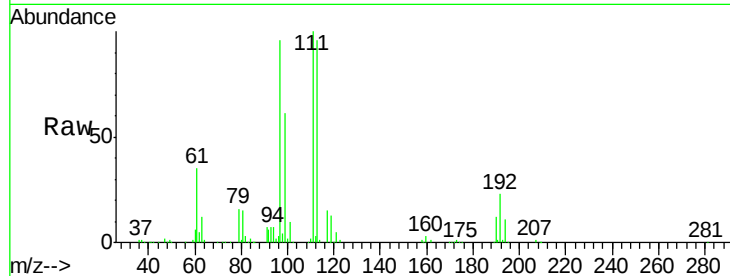




#35
 Dibromofluoromethane
 Concen: 54.292 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY002961.D
 Acq: 20 Jun 2020 00:33

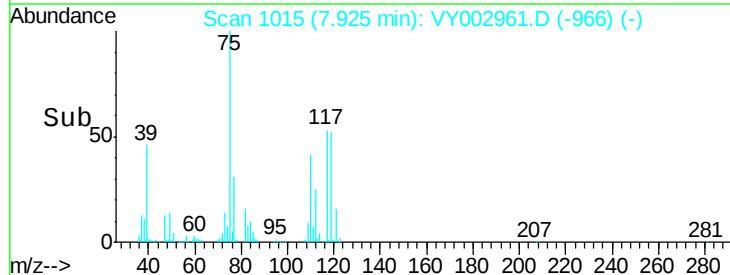
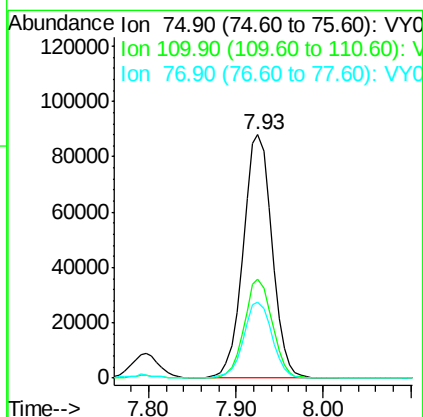
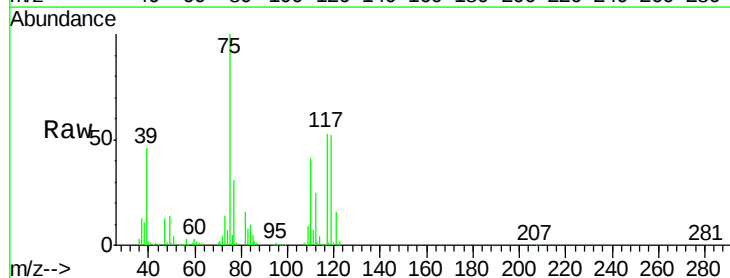
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

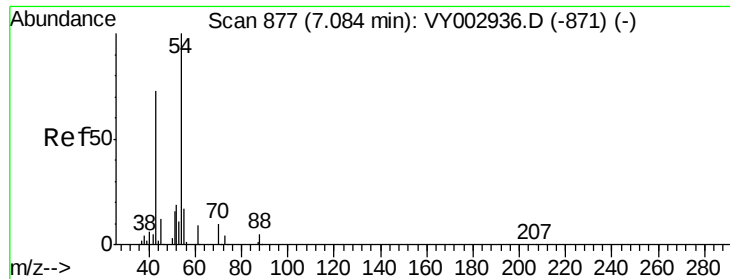
Tgt Ion: 113 Resp: 153835
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.5 122.3
 192 23.1 19.2 28.8



#36
 1,1-Dichloropropene
 Concen: 49.406 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: VY002961.D
 Acq: 20 Jun 2020 00:33

Tgt Ion: 75 Resp: 200934
 Ion Ratio Lower Upper
 75 100
 110 39.4 19.7 59.0
 77 30.9 25.0 37.4

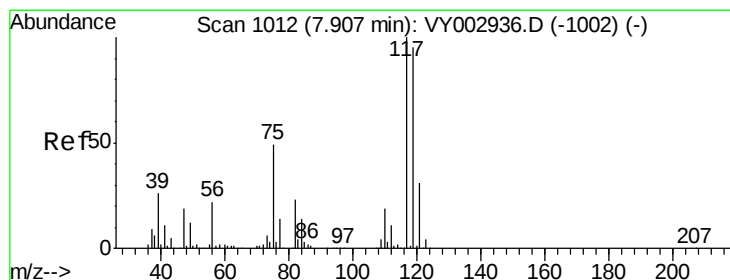
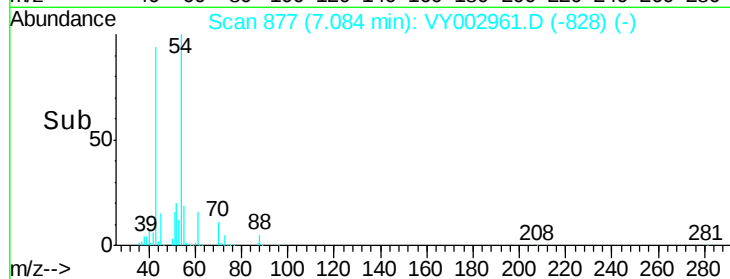
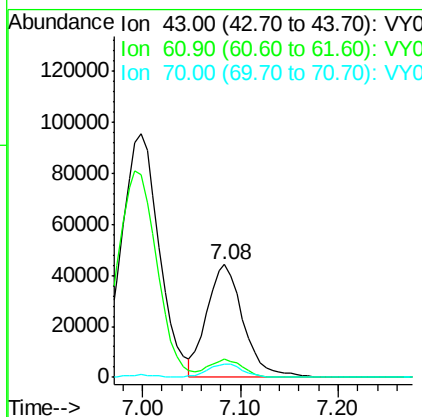
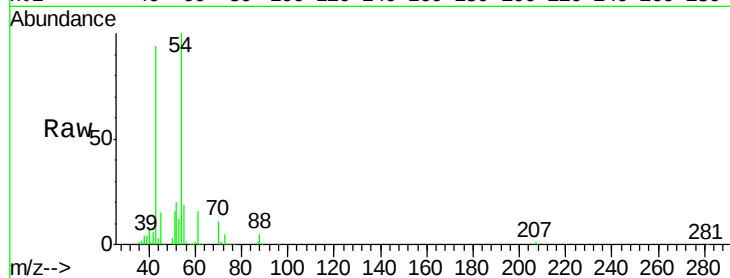




#37
Ethyl Acetate
Concen: 50.339 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.00 min
Lab File: VY002961.D
Acq: 20 Jun 2020 00:33

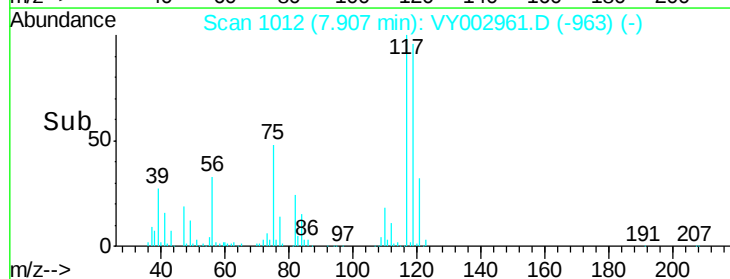
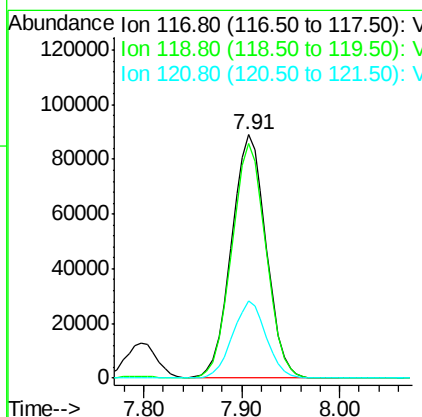
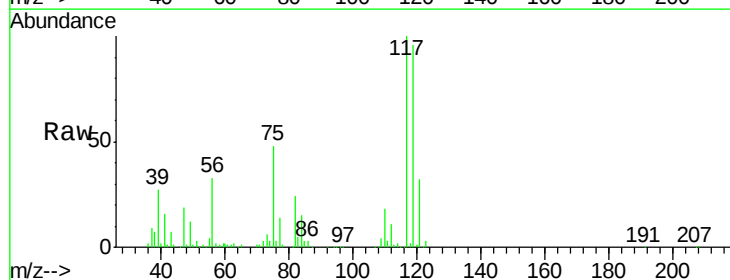
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

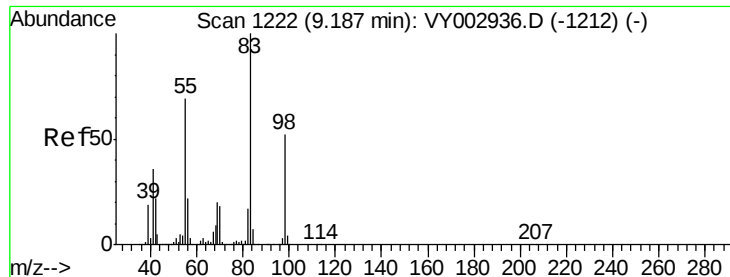
Tgt Ion: 43 Resp: 113679
Ion Ratio Lower Upper
43 100
61 15.4 12.3 18.5
70 12.0 9.7 14.5



#38
Carbon Tetrachloride
Concen: 48.616 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY002961.D
Acq: 20 Jun 2020 00:33

Tgt Ion: 117 Resp: 217897
Ion Ratio Lower Upper
117 100
119 96.3 76.1 114.1
121 31.5 24.8 37.2

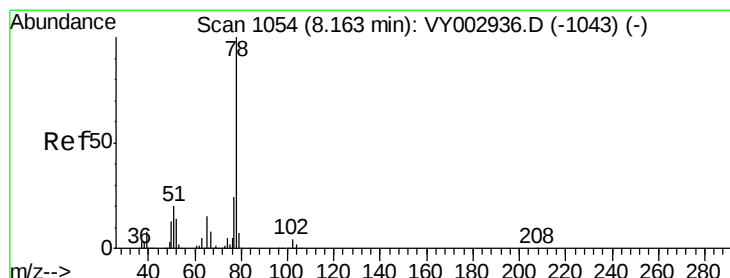
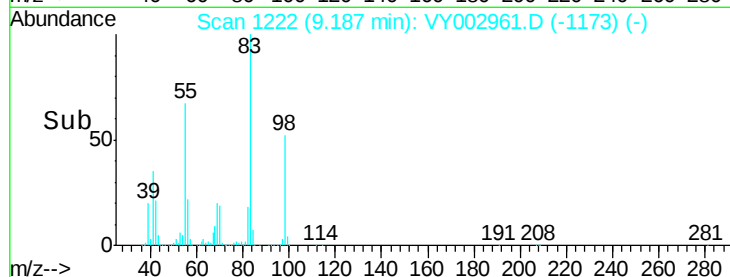
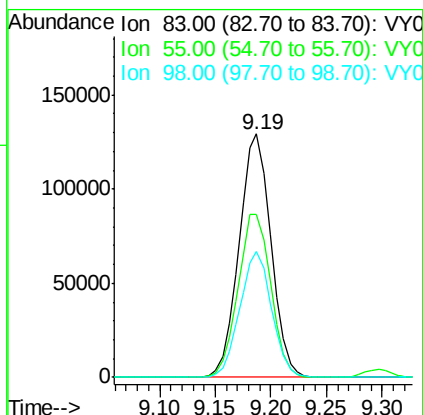
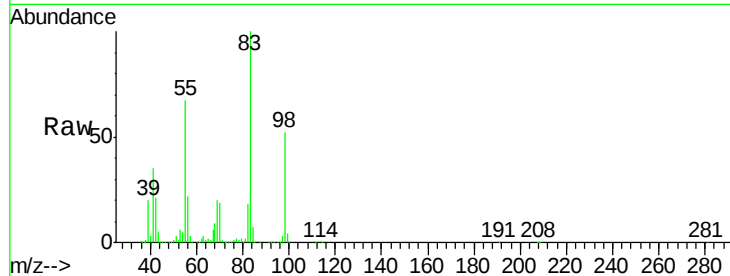




#39
Methylcyclohexane
Concen: 47.928 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY002961.D
Acq: 20 Jun 2020 00:33

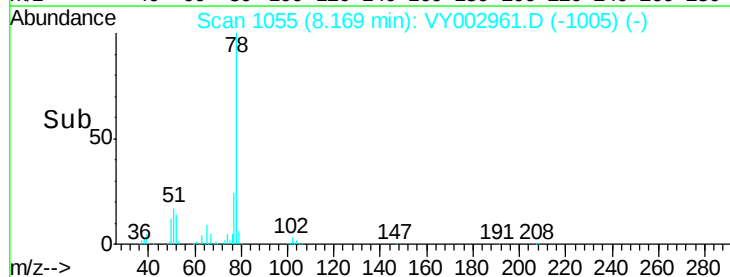
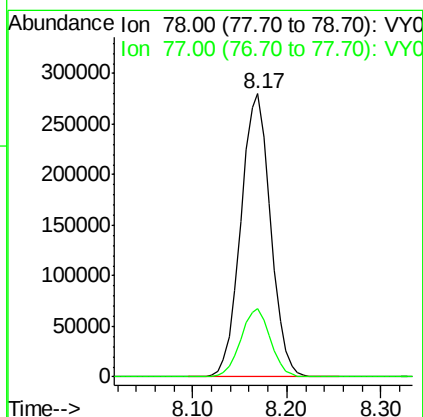
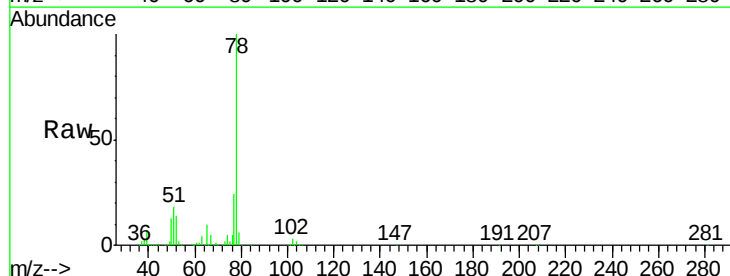
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

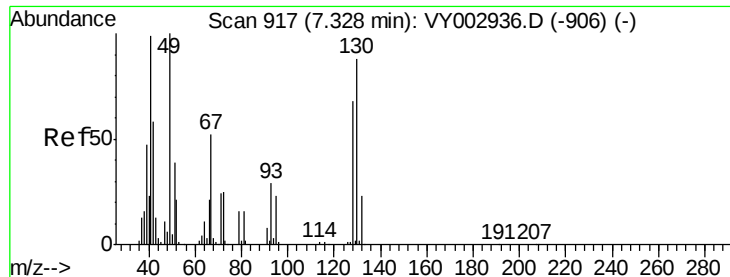
Tgt Ion: 83 Resp: 256948
Ion Ratio Lower Upper
83 100
55 66.7 55.0 82.4
98 51.5 41.4 62.2



#40
Benzene
Concen: 50.953 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.01 min
Lab File: VY002961.D
Acq: 20 Jun 2020 00:33

Tgt Ion: 78 Resp: 616939
Ion Ratio Lower Upper
78 100
77 24.0 19.3 28.9





#41

Methacrylonitrile

Concen: 140.101 ug/l

RT: 7.35 min Scan# 920

Delta R.T. 0.02 min

Lab File: VY002961.D

Acq: 20 Jun 2020 00:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 41 Resp: 158398

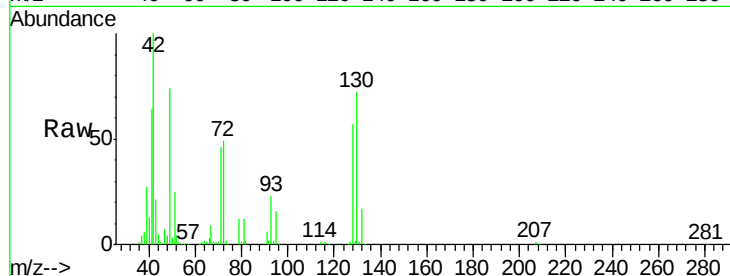
Ion Ratio Lower Upper

41 100

39 0.0 96.6 144.8#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

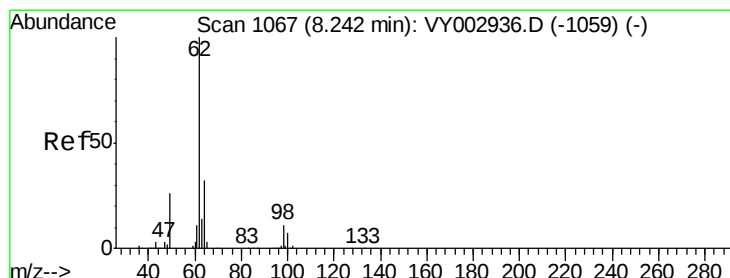
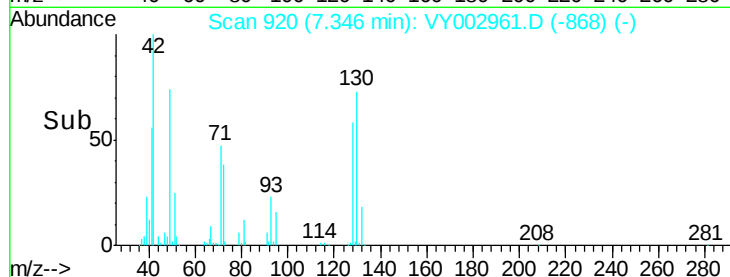
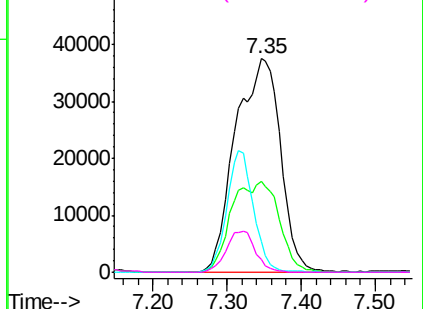


Abundance Ion 41.00 (40.70 to 41.70): VY002961.D (-920) (-)

Ion 39.00 (38.70 to 39.70): VY002961.D (-920) (-)

Ion 67.00 (66.70 to 67.70): VY002961.D (-920) (-)

Ion 52.00 (51.70 to 52.70): VY002961.D (-920) (-)



#42

1,2-Dichloroethane

Concen: 51.631 ug/l

RT: 8.24 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VY002961.D

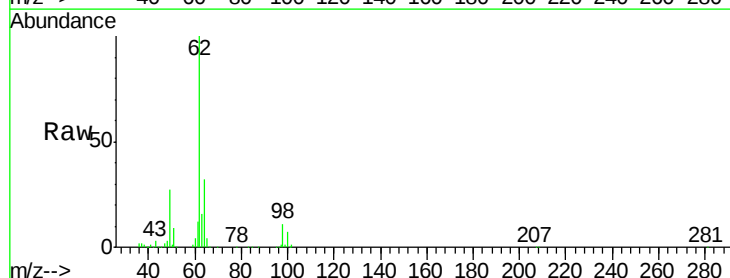
Acq: 20 Jun 2020 00:33

Tgt Ion: 62 Resp: 173511

Ion Ratio Lower Upper

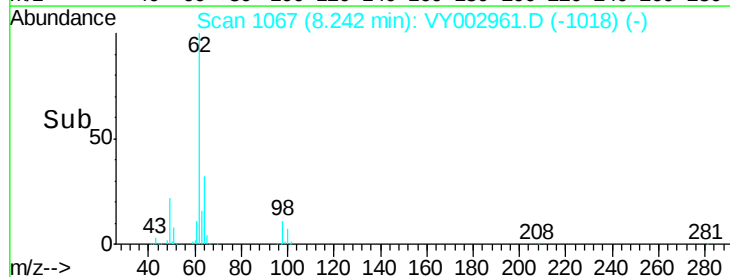
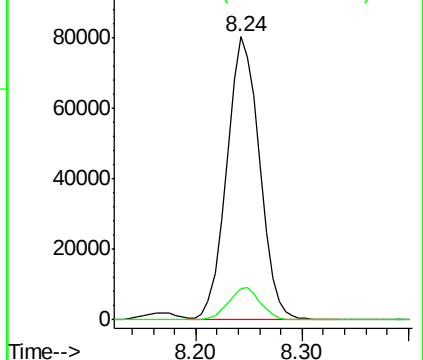
62 100

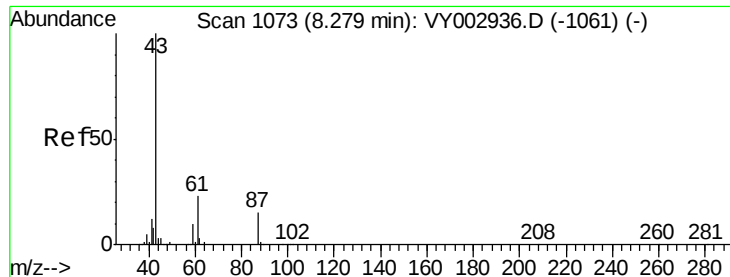
98 11.1 0.0 22.6



Abundance Ion 61.90 (61.60 to 62.60): VY002961.D (-1067) (-)

Ion 97.90 (97.60 to 98.60): VY002961.D (-1067) (-)



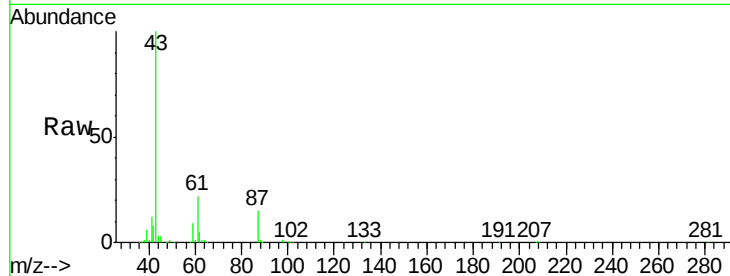


#43

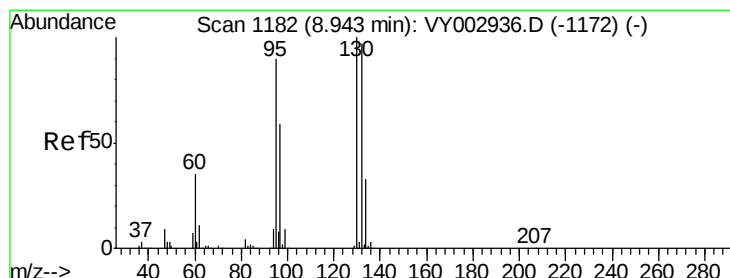
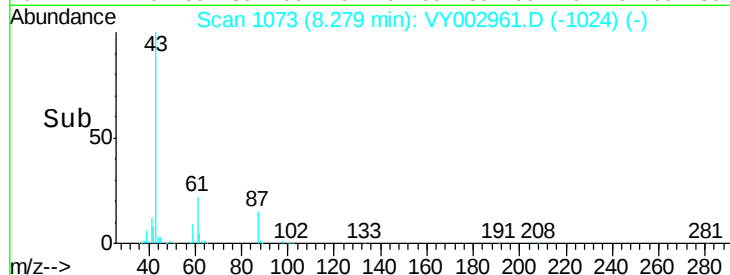
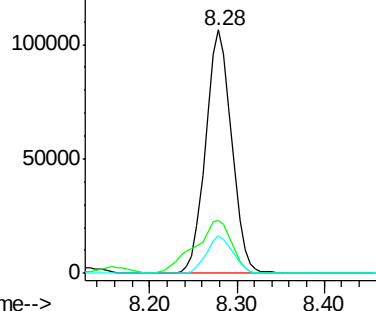
Isopropyl Acetate
 Concen: 52.411 ug/l
 RT: 8.28 min Scan# 1073
 Delta R.T. 0.00 min
 Lab File: VY002961.D
 Acq: 20 Jun 2020 00:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 220401
 Ion Ratio Lower Upper
 43 100
 61 30.7 25.0 37.4
 87 15.4 12.6 18.8



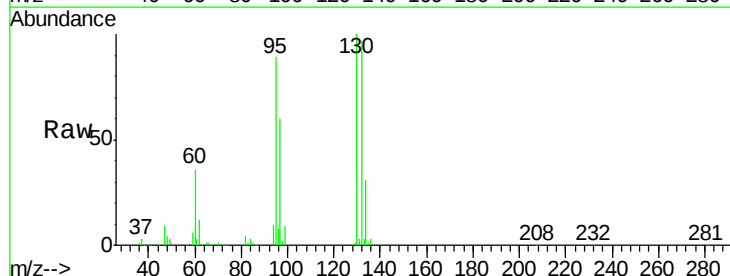
Abundance Ion 43.00 (42.70 to 43.70): VY0
 Ion 61.00 (60.70 to 61.70): VY0
 Ion 87.00 (86.70 to 87.70): VY0



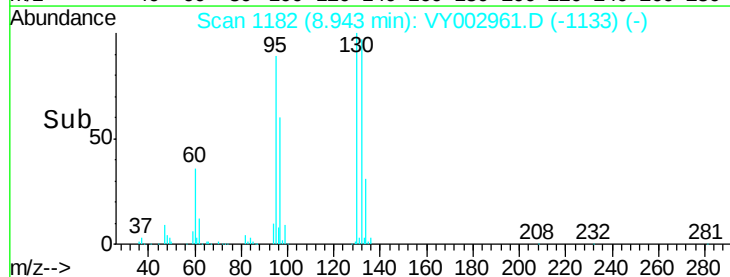
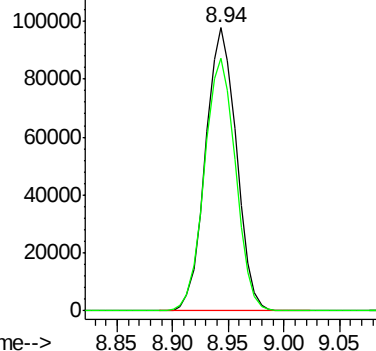
#44

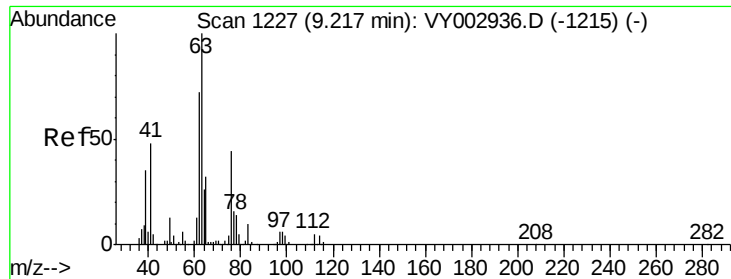
Trichloroethene
 Concen: 49.990 ug/l
 RT: 8.94 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VY002961.D
 Acq: 20 Jun 2020 00:33

Tgt Ion: 130 Resp: 187491
 Ion Ratio Lower Upper
 130 100
 95 89.1 0.0 179.6



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VY0

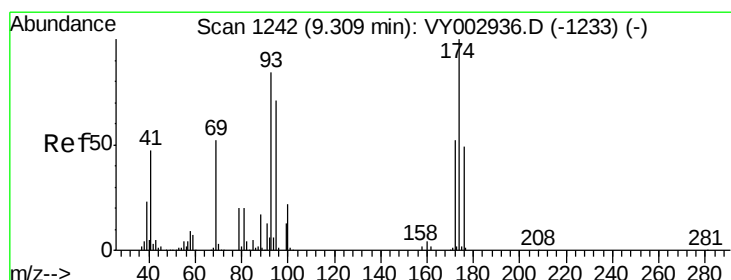
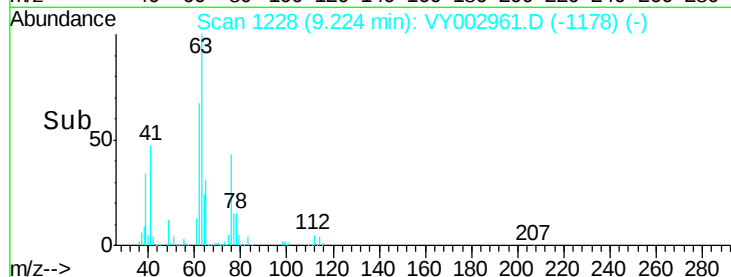
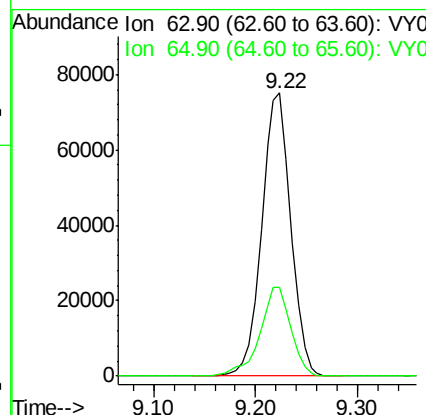
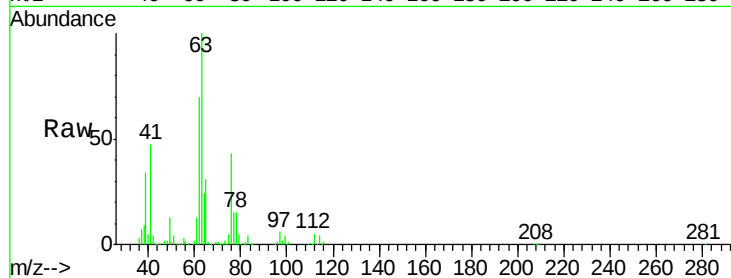




#45
 1,2-Dichloropropane
 Concen: 51.028 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. 0.01 min
 Lab File: VY002961.D
 Acq: 20 Jun 2020 00:33

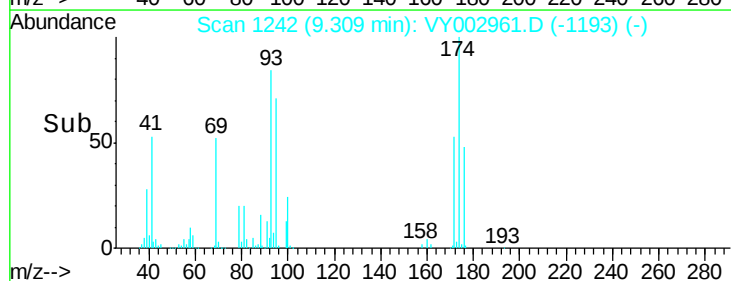
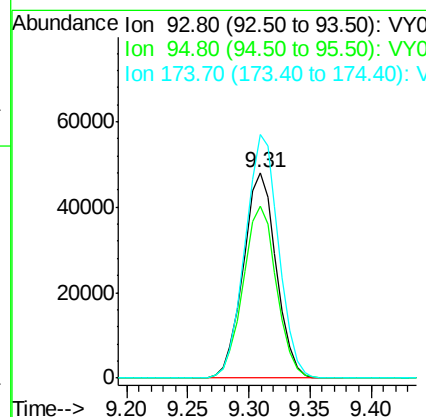
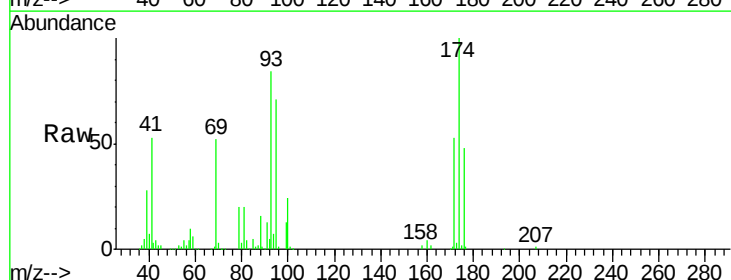
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

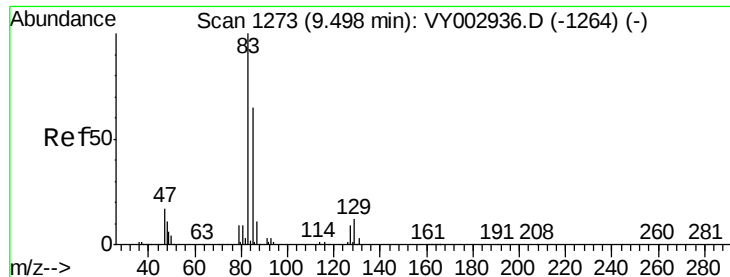
Tgt Ion: 63 Resp: 148584
 Ion Ratio Lower Upper
 63 100
 65 31.2 25.5 38.3



#46
 Dibromomethane
 Concen: 51.666 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY002961.D
 Acq: 20 Jun 2020 00:33

Tgt Ion: 93 Resp: 89825
 Ion Ratio Lower Upper
 93 100
 95 84.6 66.4 99.6
 174 120.4 95.1 142.7





#47

Bromodichloromethane

Concen: 52.542 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY002961.D

Acq: 20 Jun 2020 00:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

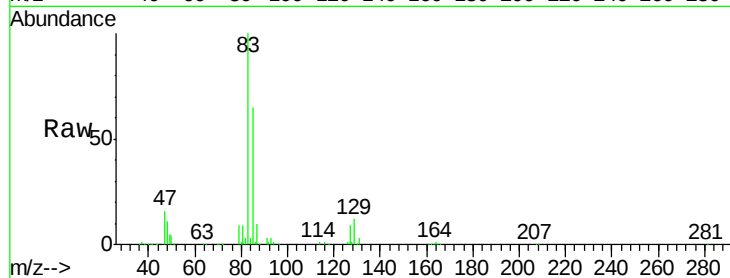
Tgt Ion: 83 Resp: 213271

Ion Ratio Lower Upper

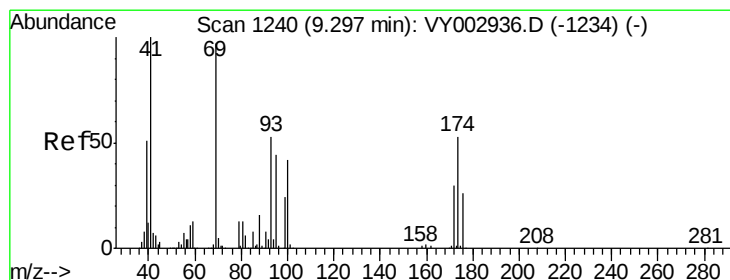
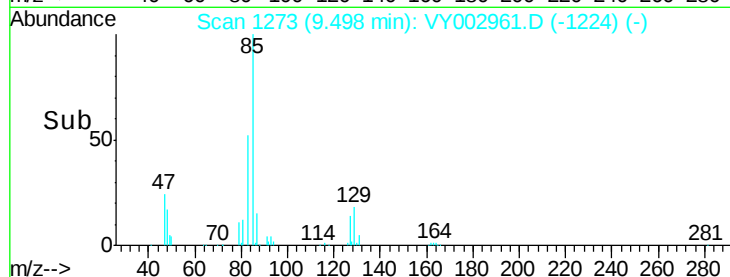
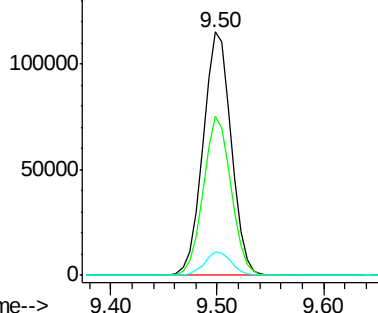
83 100

85 65.2 51.9 77.9

127 9.4 7.4 11.0



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: 52.093 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VY002961.D

Acq: 20 Jun 2020 00:33

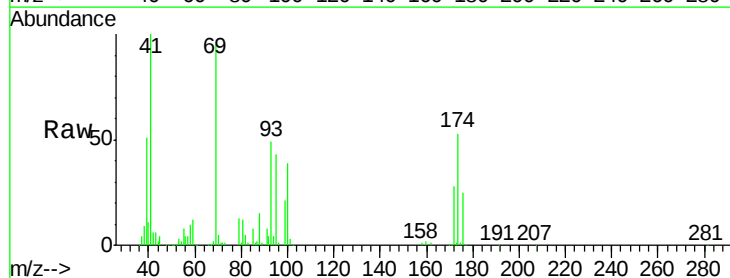
Tgt Ion: 41 Resp: 98296

Ion Ratio Lower Upper

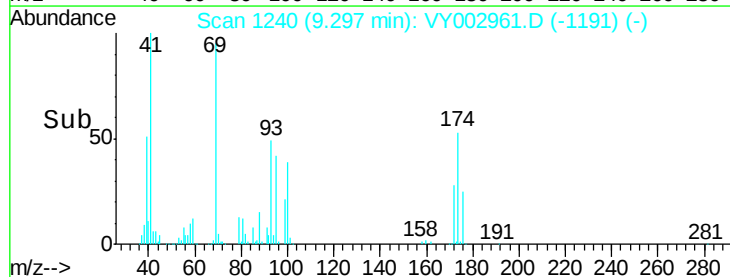
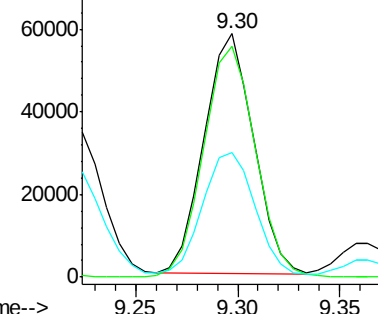
41 100

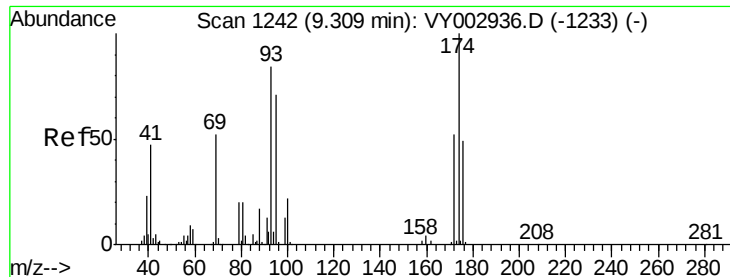
69 100.5 79.4 119.0

39 56.2 41.1 61.7



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: 998.462 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. -0.01 min

Lab File: VY002961.D

Acq: 20 Jun 2020 00:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

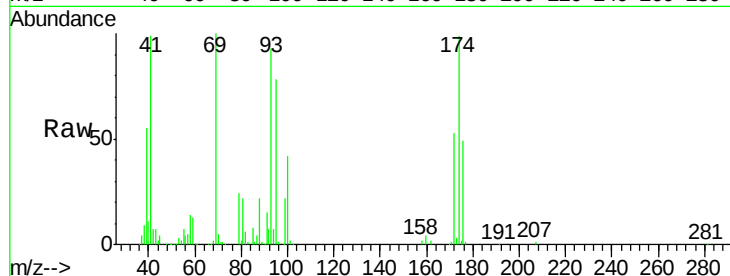
Tgt Ion: 88 Resp: 25442

Ion Ratio Lower Upper

88 100

43 25.2 21.0 31.6

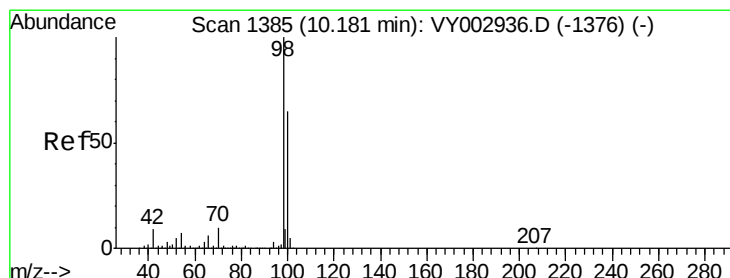
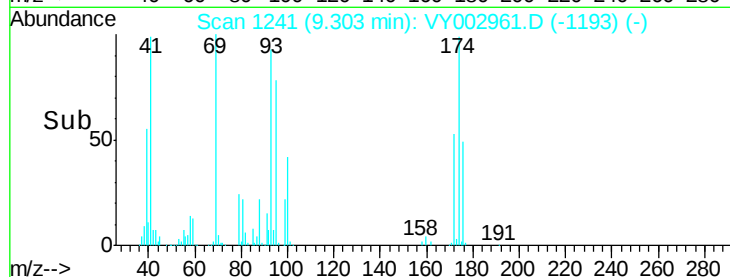
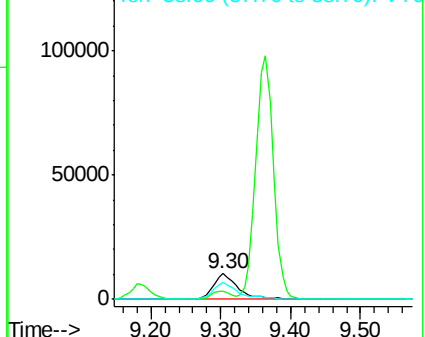
58 66.9 51.5 77.3



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: 54.206 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY002961.D

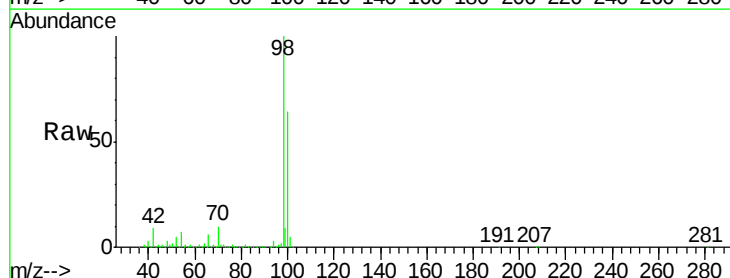
Acq: 20 Jun 2020 00:33

Tgt Ion: 98 Resp: 605608

Ion Ratio Lower Upper

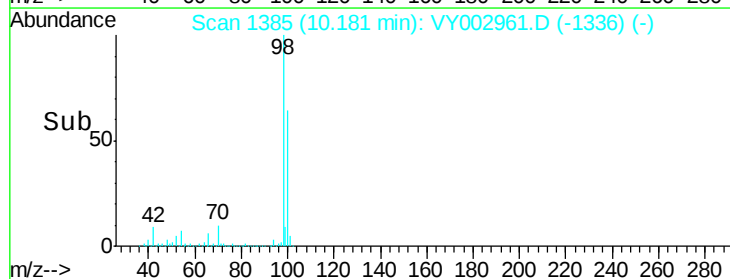
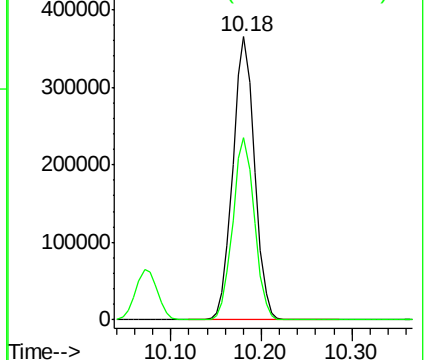
98 100

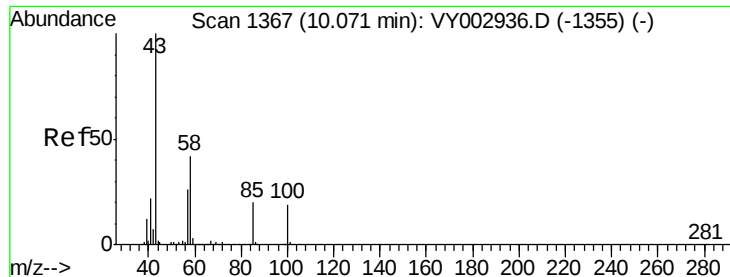
100 64.4 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0

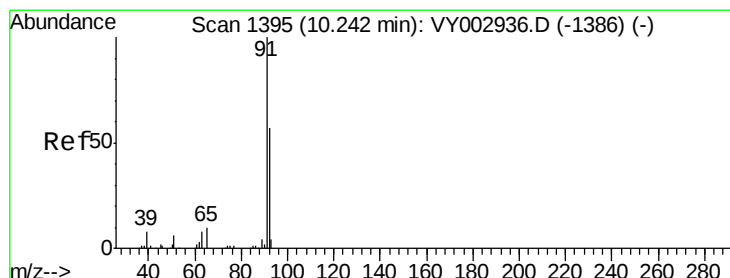
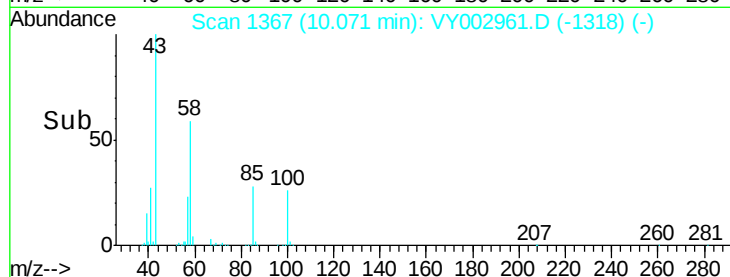
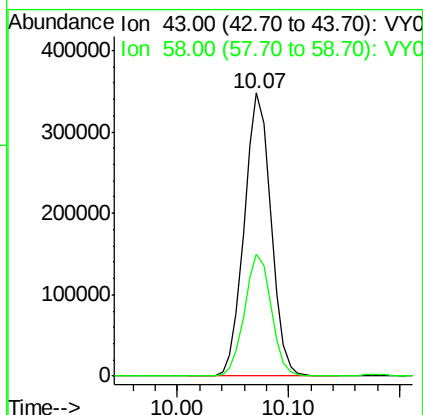
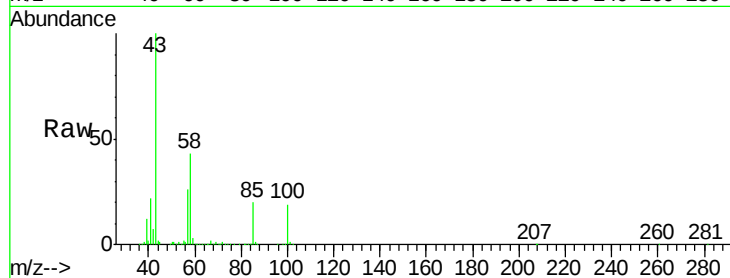




#51
 4-Methyl-2-Pentanone
 Concen: 260.681 ug/l
 RT: 10.07 min Scan# 1367
 Delta R.T. 0.00 min
 Lab File: VY002961.D
 Acq: 20 Jun 2020 00:33

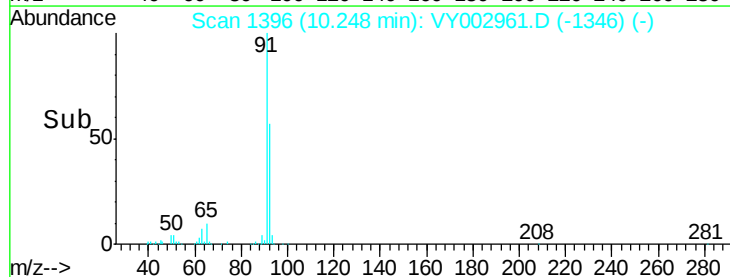
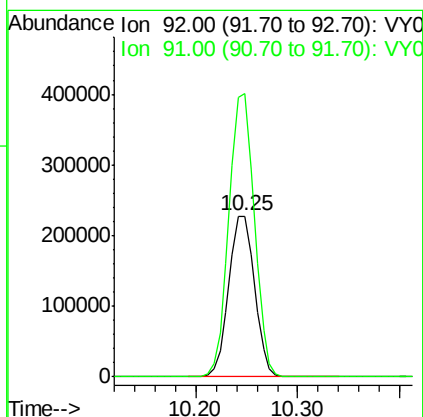
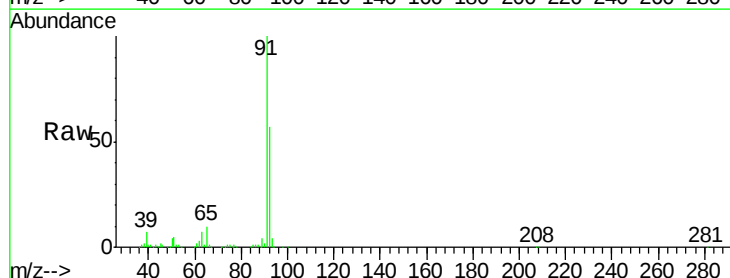
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

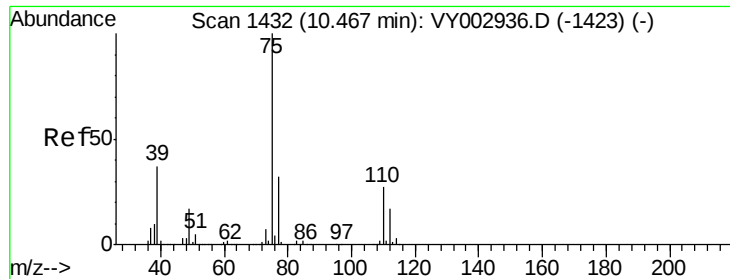
Tgt Ion: 43 Resp: 580917
 Ion Ratio Lower Upper
 43 100
 58 42.9 33.9 50.9



#52
 Toluene
 Concen: 50.748 ug/l
 RT: 10.25 min Scan# 1396
 Delta R.T. 0.01 min
 Lab File: VY002961.D
 Acq: 20 Jun 2020 00:33

Tgt Ion: 92 Resp: 397678
 Ion Ratio Lower Upper
 92 100
 91 173.8 139.3 208.9





#53

t-1,3-Dichloropropene

Concen: 50.642 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY002961.D

Acq: 20 Jun 2020 00:33

Instrument :

MSVOA_Y

ClientSampleId :

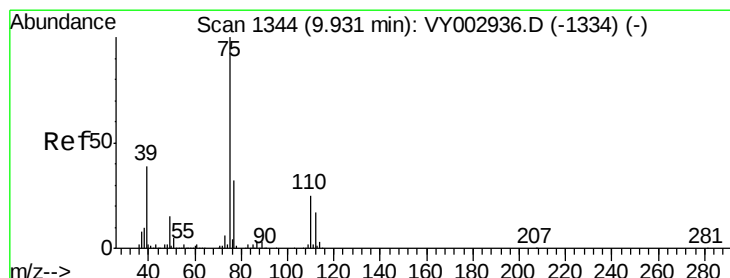
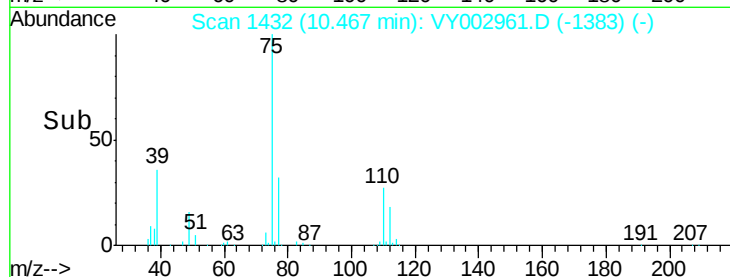
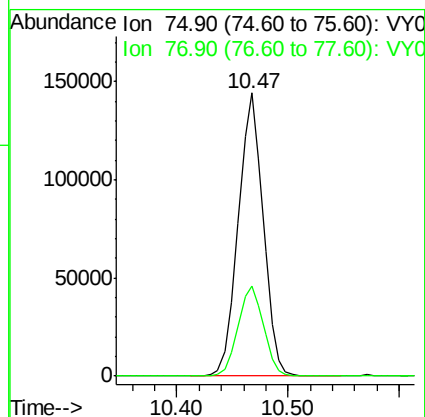
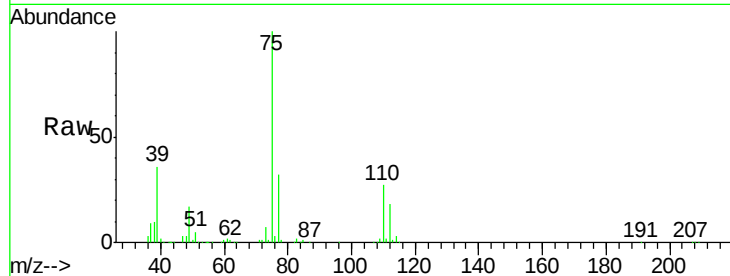
VSTDCCC050EC

Tgt Ion: 75 Resp: 223407

Ion Ratio Lower Upper

75 100

77 32.0 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 50.973 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY002961.D

Acq: 20 Jun 2020 00:33

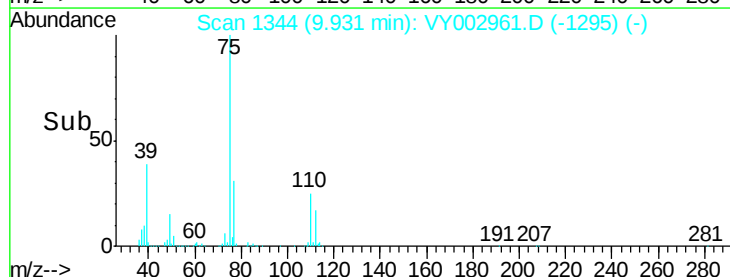
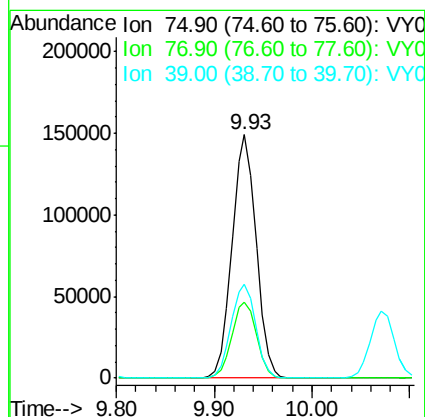
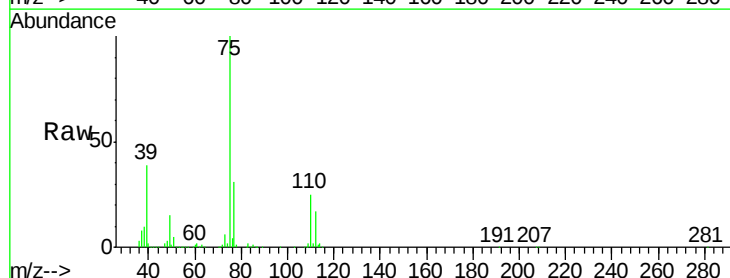
Tgt Ion: 75 Resp: 254534

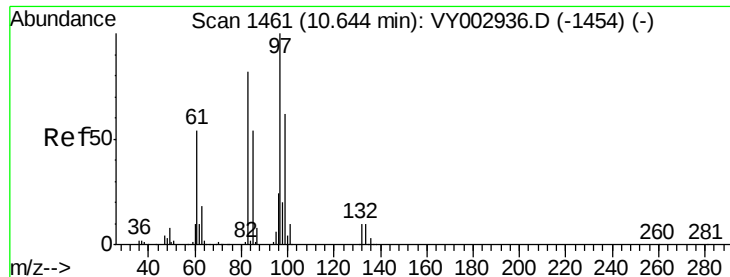
Ion Ratio Lower Upper

75 100

77 30.9 25.4 38.2

39 38.7 31.4 47.0

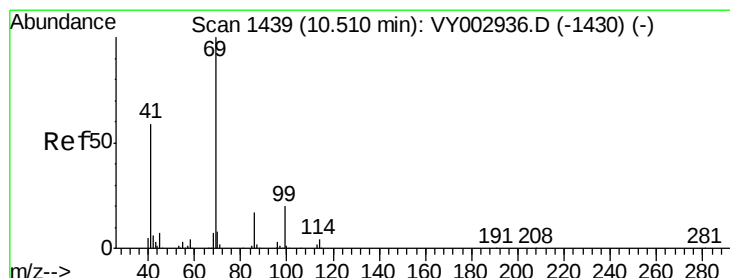
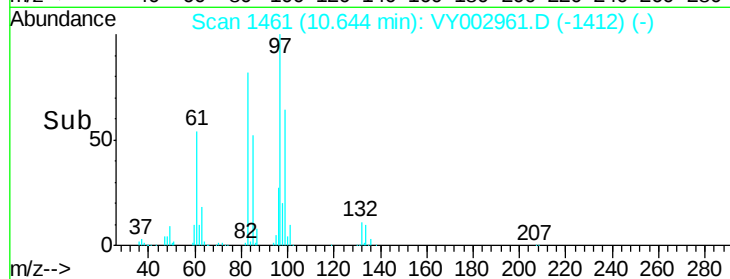
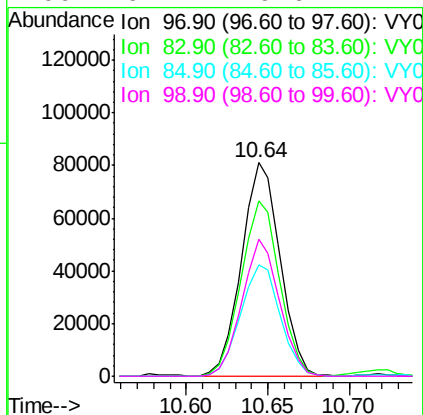
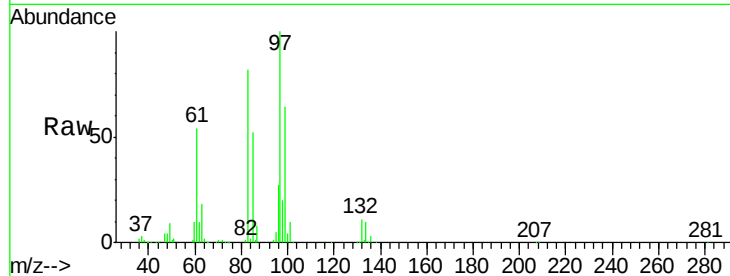




#55
 1,1,2-Trichloroethane
 Concen: 51.447 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY002961.D
 Acq: 20 Jun 2020 00:33

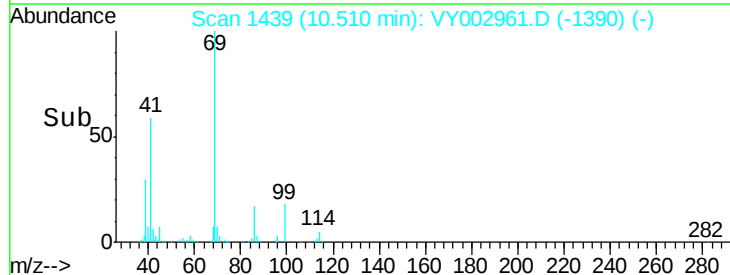
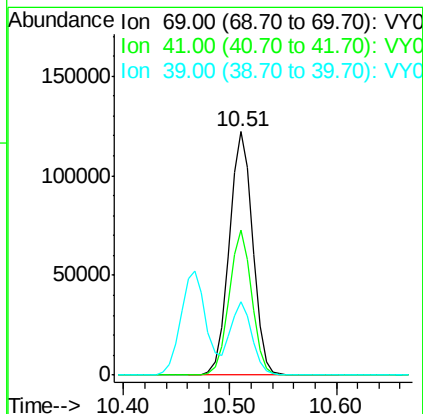
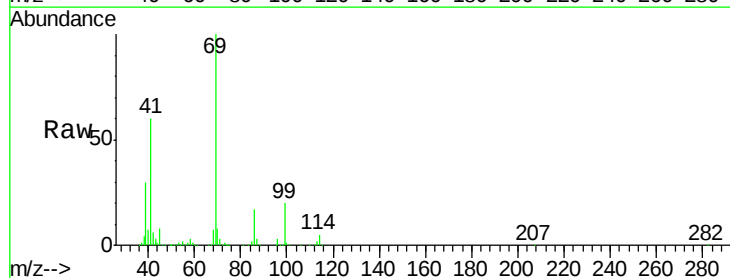
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

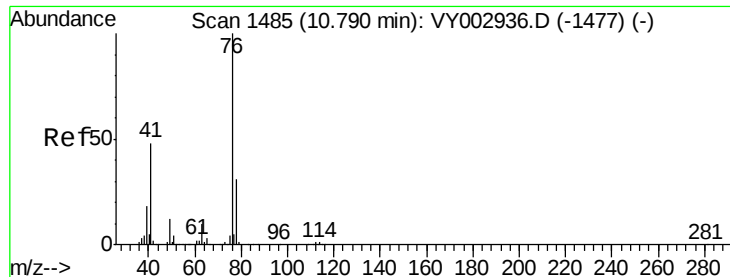
Tgt Ion:	97	Resp:	133388
Ion	Ratio	Lower	Upper
97	100		
83	82.2	65.9	98.9
85	52.0	43.1	64.7
99	64.4	49.6	74.4



#56
 Ethyl methacrylate
 Concen: 53.870 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY002961.D
 Acq: 20 Jun 2020 00:33

Tgt Ion:	69	Resp:	188278
Ion	Ratio	Lower	Upper
69	100		
41	57.6	46.4	69.6
39	27.4	21.4	32.0





#57

1,3-Dichloropropane

Concen: 51.618 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY002961.D

Acq: 20 Jun 2020 00:33

Instrument :

MSVOA_Y

ClientSampleId :

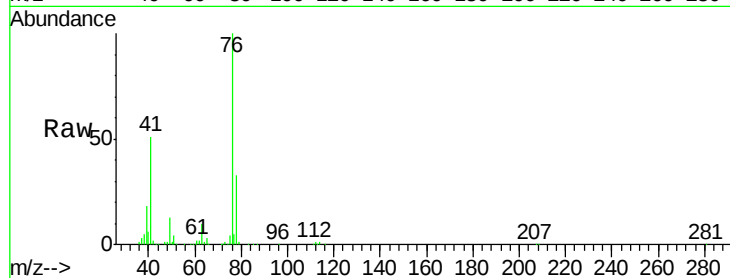
VSTDCCC050EC

Tgt Ion: 76 Resp: 223173

Ion Ratio Lower Upper

76 100

78 32.5 25.4 38.2



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

10.79

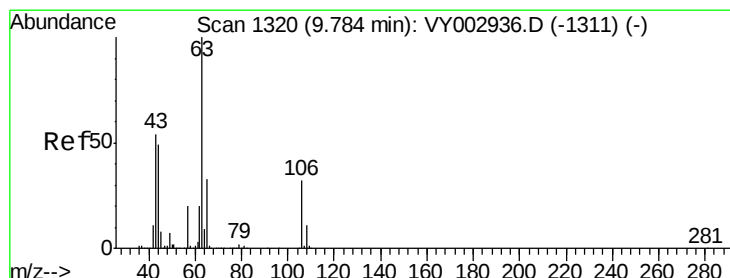
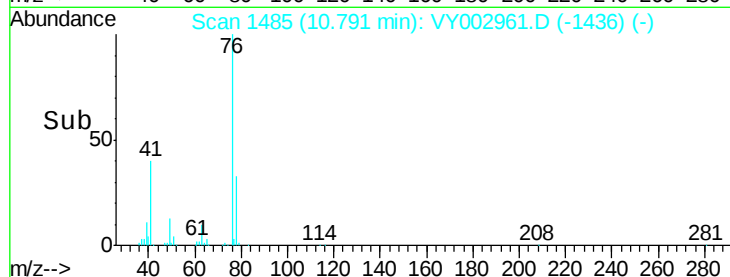
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 281.595 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY002961.D

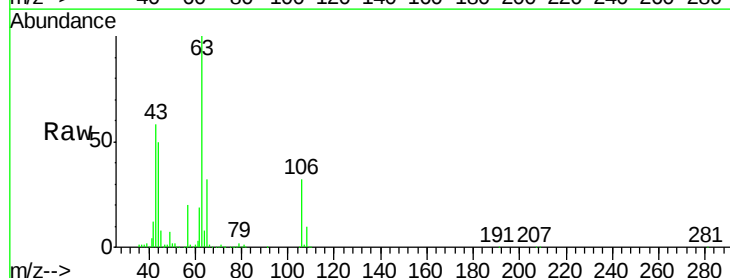
Acq: 20 Jun 2020 00:33

Tgt Ion: 63 Resp: 490187

Ion Ratio Lower Upper

63 100

106 32.0 25.6 38.4



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

9.78

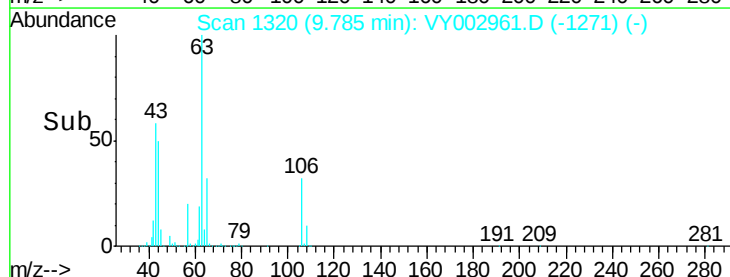
300000

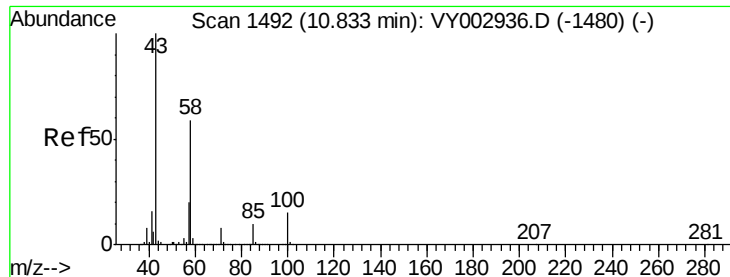
200000

100000

0

Time-->

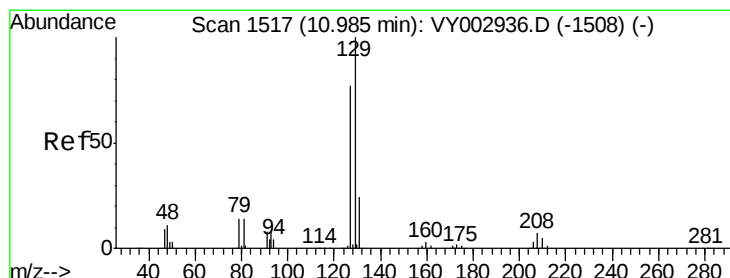
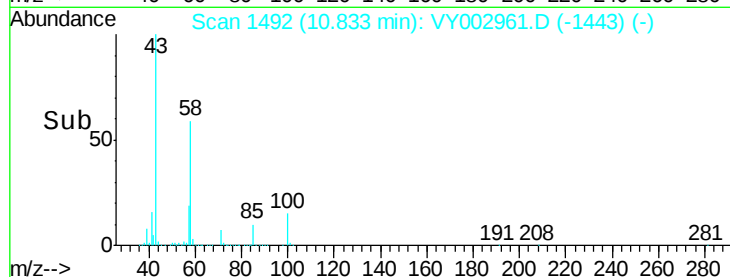
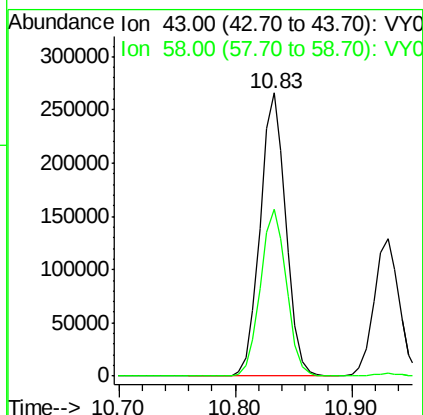
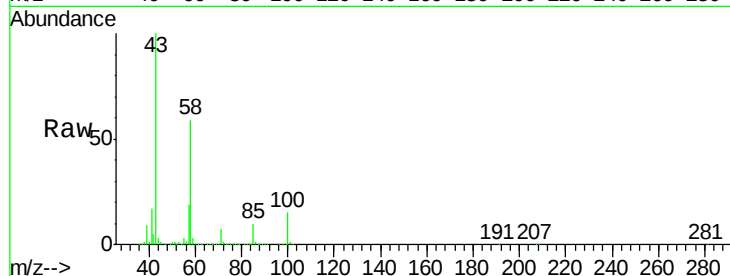




#59
2-Hexanone
Concen: 261.053 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY002961.D
Acq: 20 Jun 2020 00:33

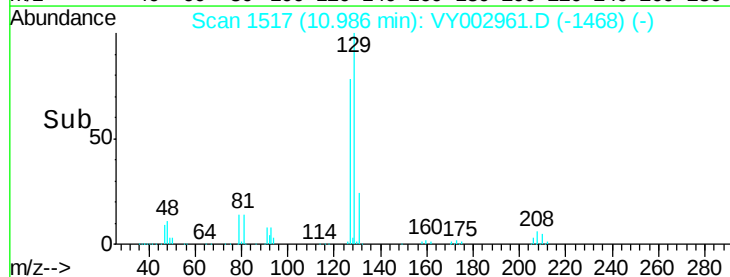
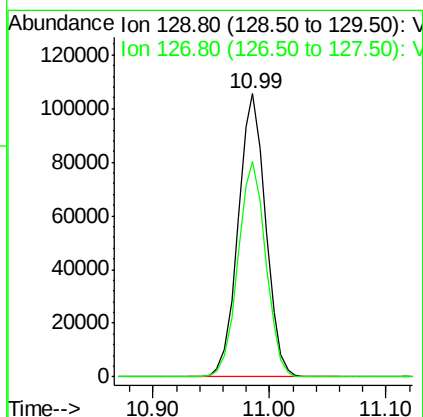
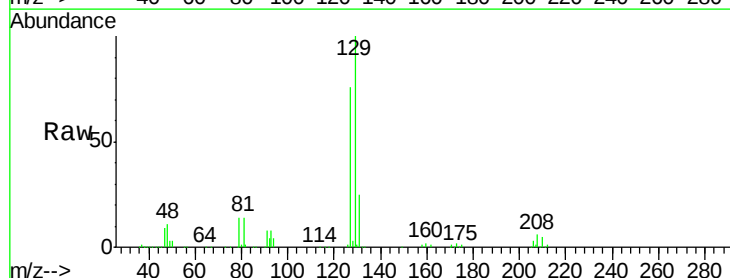
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

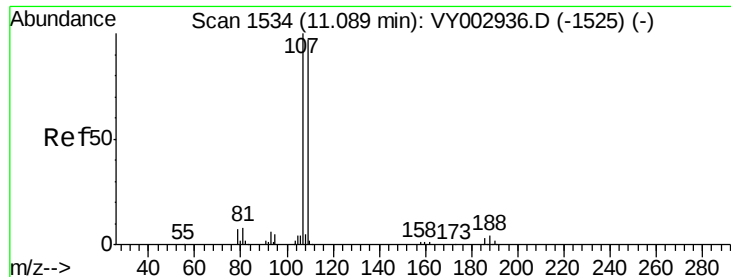
Tgt Ion: 43 Resp: 408998
Ion Ratio Lower Upper
43 100
58 59.8 29.7 89.1



#60
Dibromochloromethane
Concen: 52.486 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY002961.D
Acq: 20 Jun 2020 00:33

Tgt Ion: 129 Resp: 173546
Ion Ratio Lower Upper
129 100
127 76.7 38.9 116.6

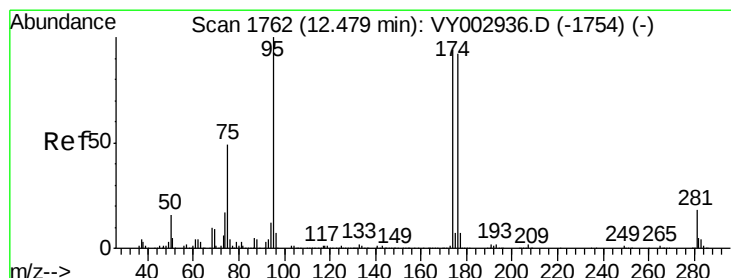
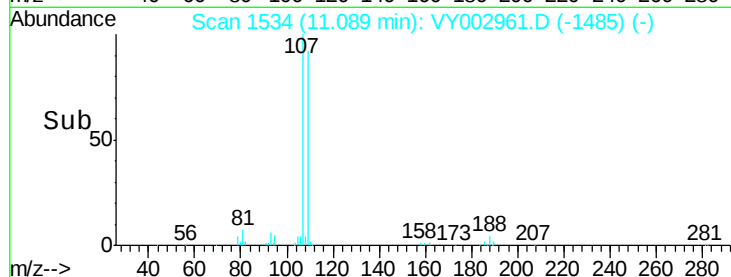
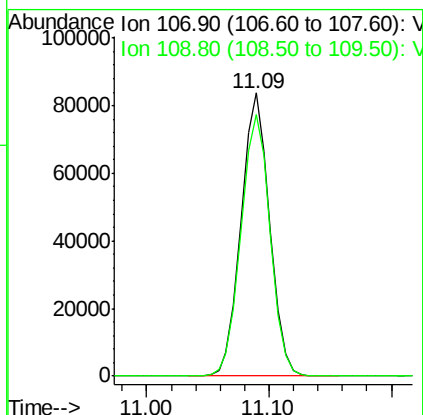
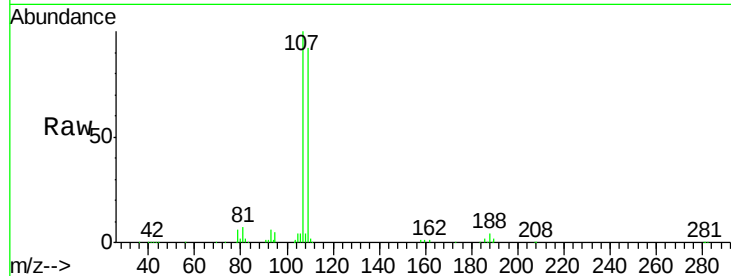




#61
 1,2-Dibromoethane
 Concen: 52.554 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY002961.D
 Acq: 20 Jun 2020 00:33

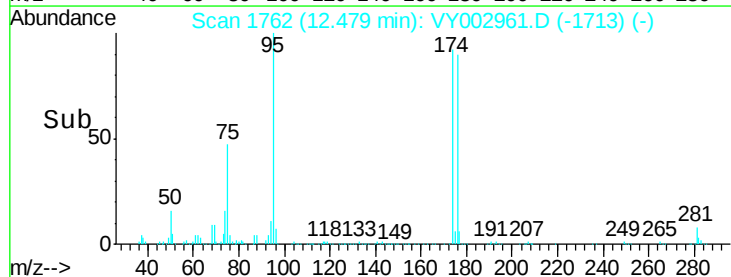
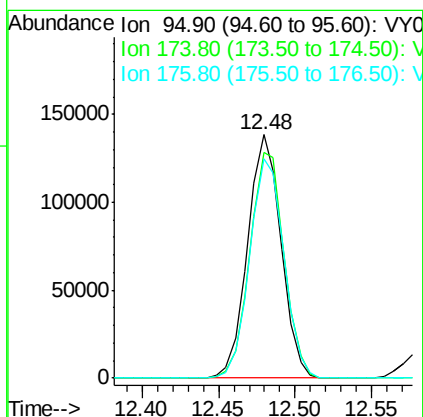
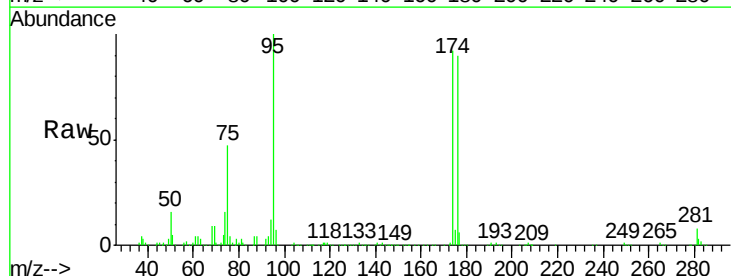
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

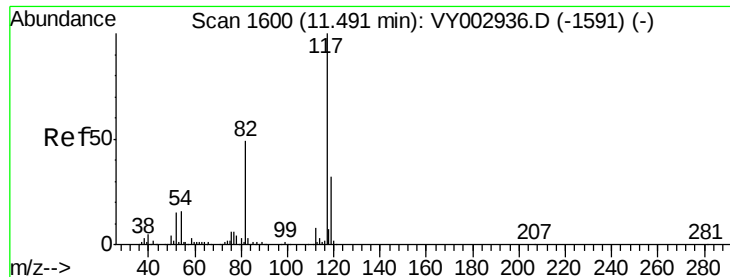
Tgt Ion: 107 Resp: 135181
 Ion Ratio Lower Upper
 107 100
 109 94.4 76.6 114.8



#62
 4-Bromofluorobenzene
 Concen: 54.096 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY002961.D
 Acq: 20 Jun 2020 00:33

Tgt Ion: 95 Resp: 209645
 Ion Ratio Lower Upper
 95 100
 174 95.2 0.0 191.2
 176 92.6 0.0 186.0

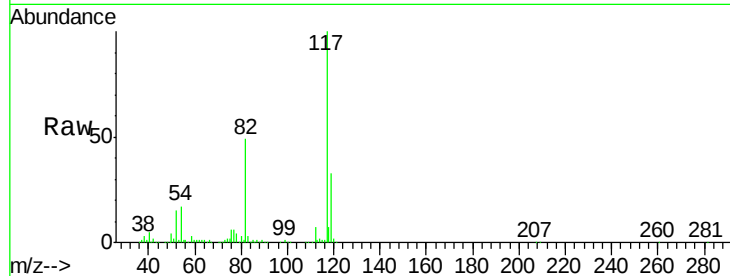




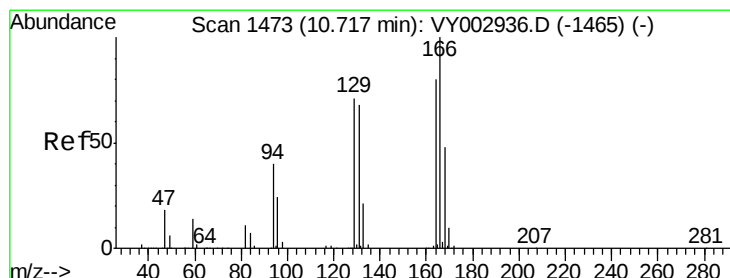
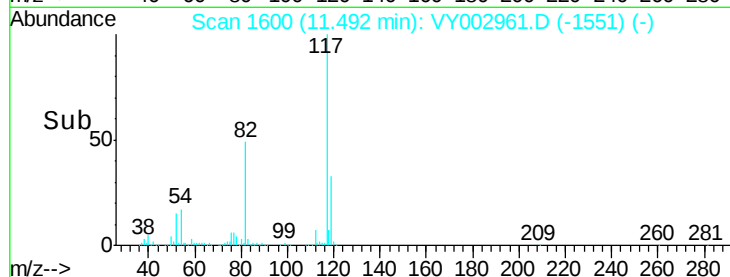
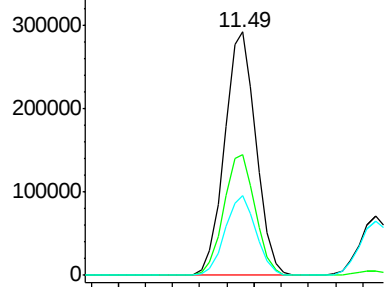
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002961.D
Acq: 20 Jun 2020 00:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 472028
Ion Ratio Lower Upper
117 100
82 49.4 39.4 59.0
119 32.6 25.4 38.0

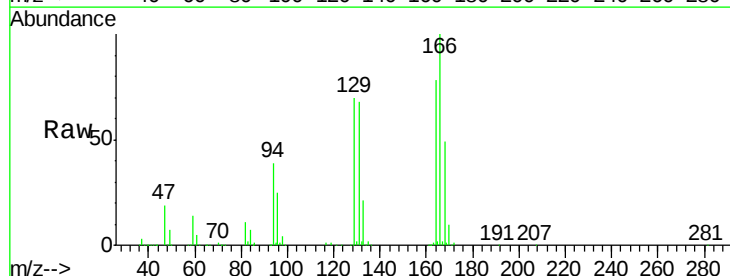


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

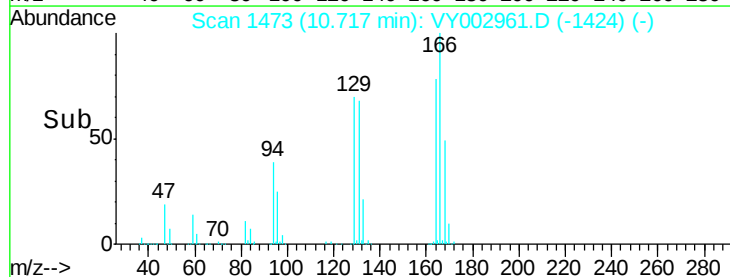
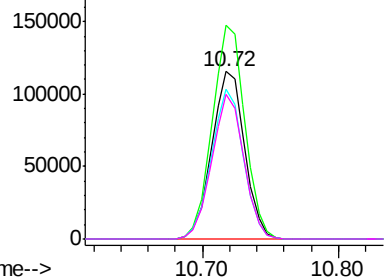


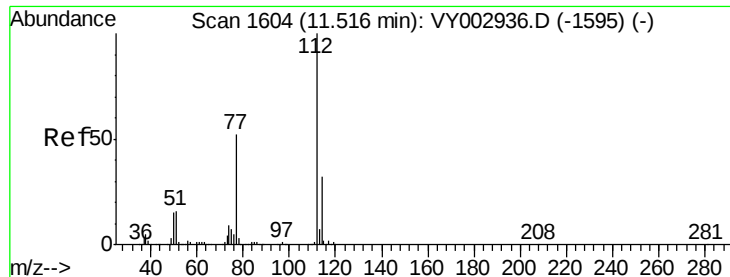
#64
Tetrachloroethene
Concen: 49.370 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY002961.D
Acq: 20 Jun 2020 00:33

Tgt Ion:164 Resp: 194191
Ion Ratio Lower Upper
164 100
166 127.8 100.5 150.7
129 89.6 71.1 106.7
131 86.3 68.7 103.1



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: 49.967 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VY002961.D

Acq: 20 Jun 2020 00:33

Instrument :

MSVOA_Y

ClientSampleId :

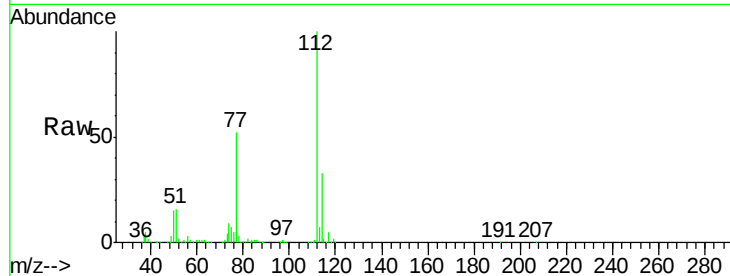
VSTDCCC050EC

Tgt Ion:112 Resp: 446456

Ion Ratio Lower Upper

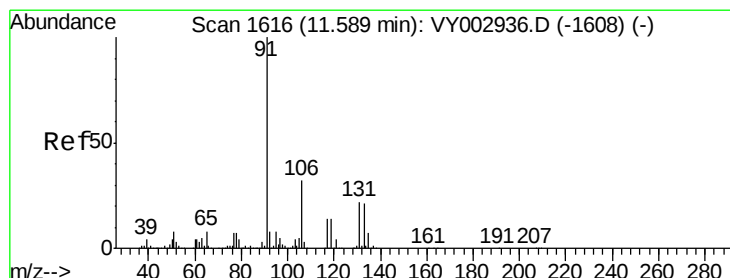
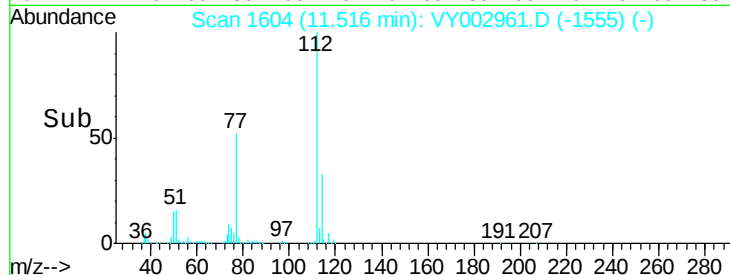
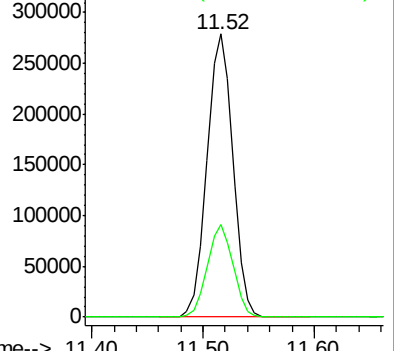
112 100

114 32.7 26.0 39.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 50.846 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY002961.D

Acq: 20 Jun 2020 00:33

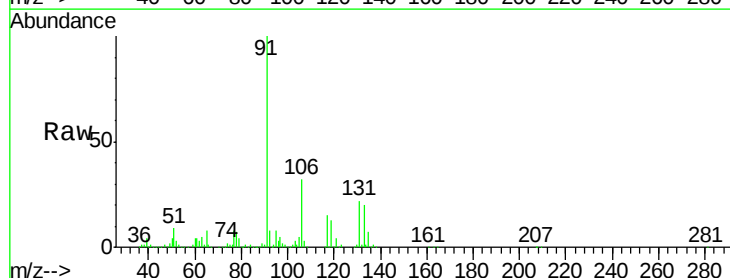
Tgt Ion:131 Resp: 171724

Ion Ratio Lower Upper

131 100

133 95.7 47.7 143.1

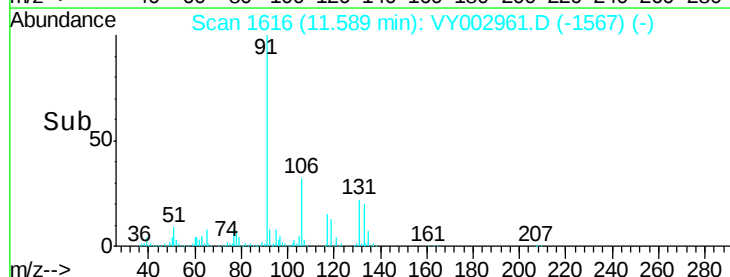
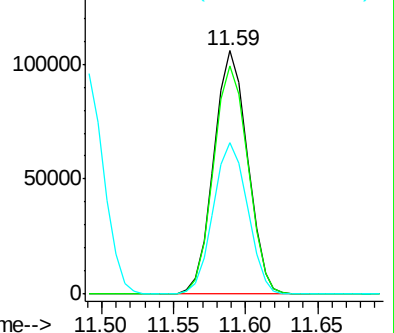
119 63.3 31.5 94.5

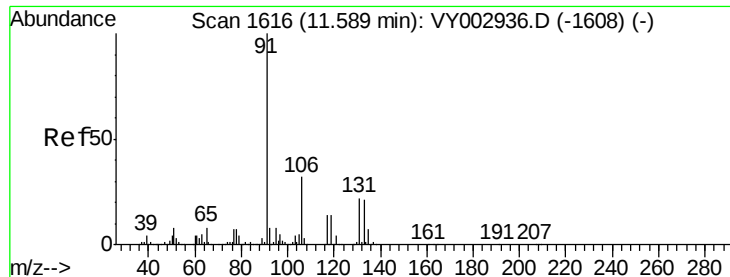


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 50.114 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY002961.D

Acq: 20 Jun 2020 00:33

Instrument :

MSVOA_Y

ClientSampleId :

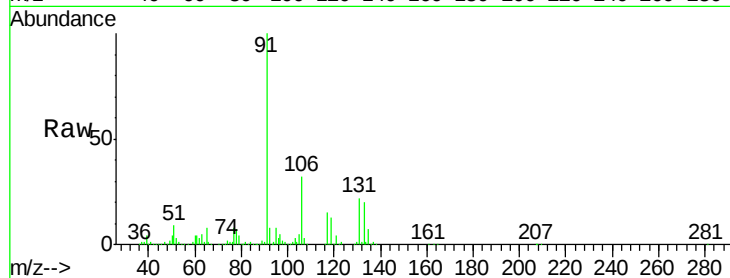
VSTDCCC050EC

Tgt Ion: 91 Resp: 772362

Ion Ratio Lower Upper

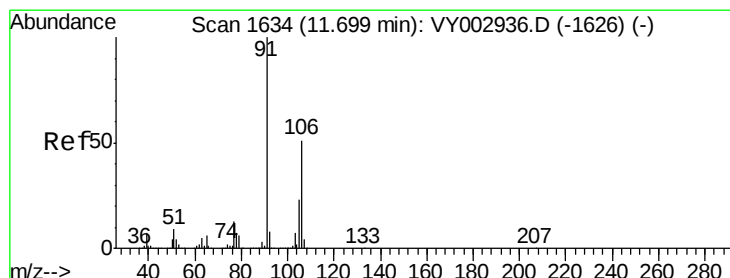
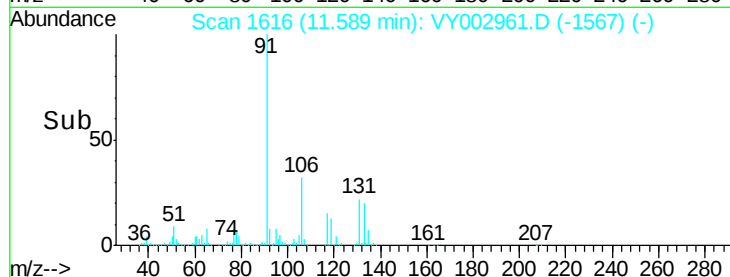
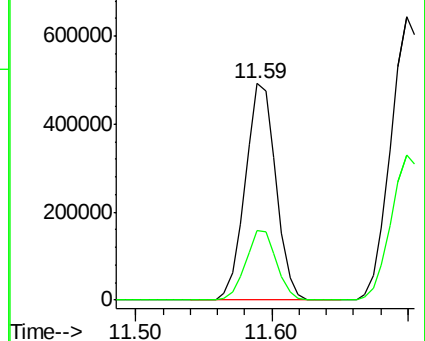
91 100

106 31.9 25.8 38.8



Abundance Ion 91.00 (90.70 to 91.70): VY002936.D (-1608) (-)

Ion 106.00 (105.70 to 106.70): VY002936.D (-1608) (-)



#68

m/p-Xylenes

Concen: 99.954 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VY002961.D

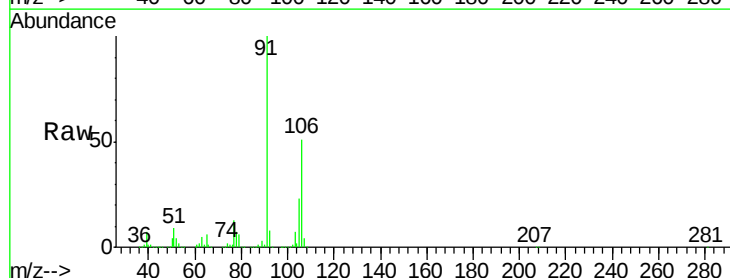
Acq: 20 Jun 2020 00:33

Tgt Ion: 106 Resp: 598623

Ion Ratio Lower Upper

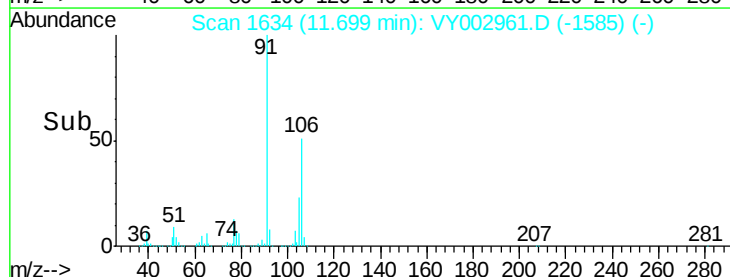
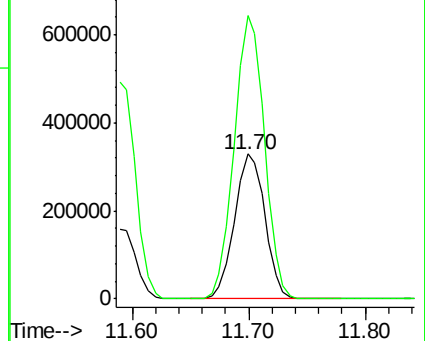
106 100

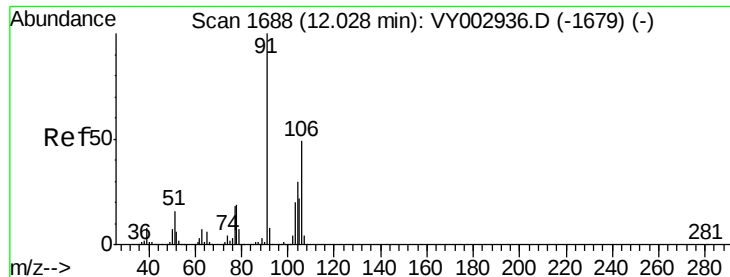
91 194.2 155.9 233.9



Abundance Ion 106.00 (105.70 to 106.70): VY002936.D (-1626) (-)

Ion 91.00 (90.70 to 91.70): VY002936.D (-1626) (-)

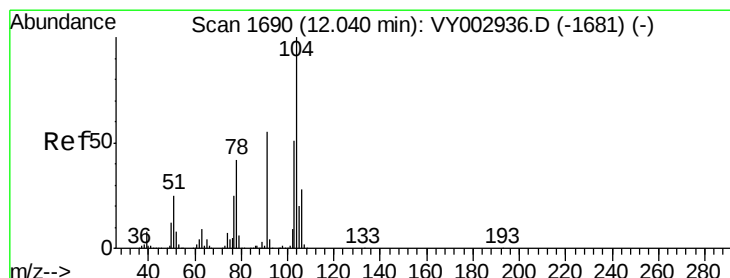
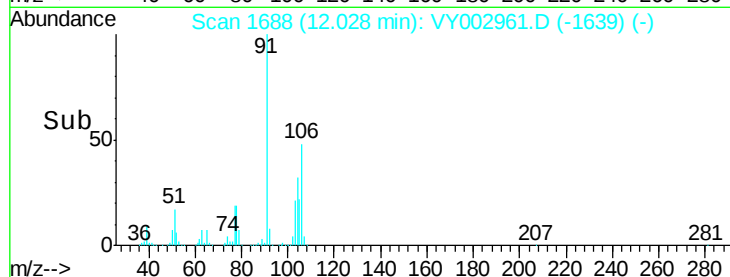
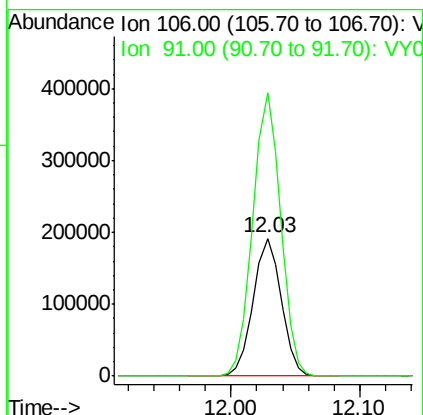
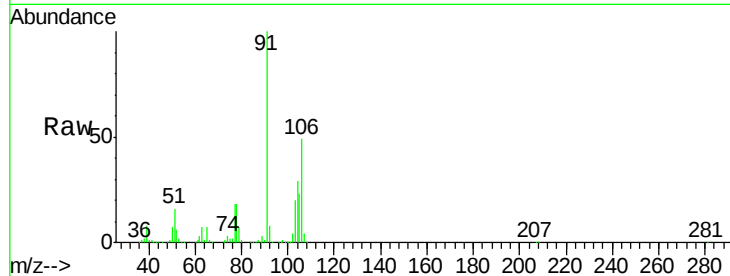




#69
o-Xylene
Concen: 50.859 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY002961.D
Acq: 20 Jun 2020 00:33

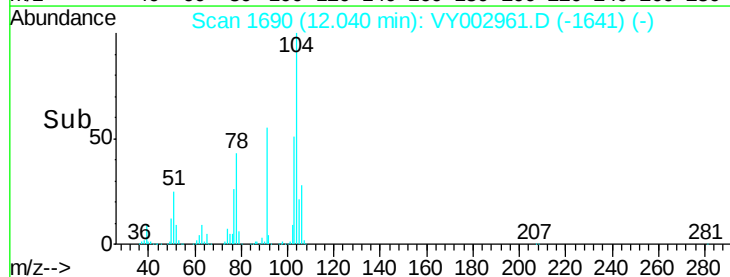
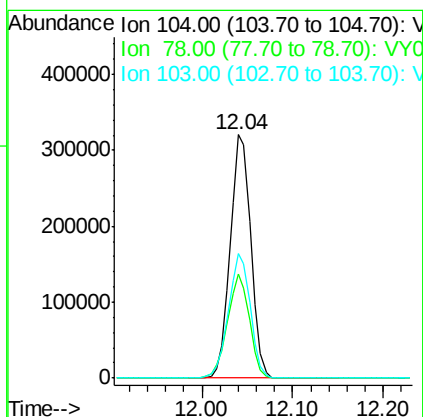
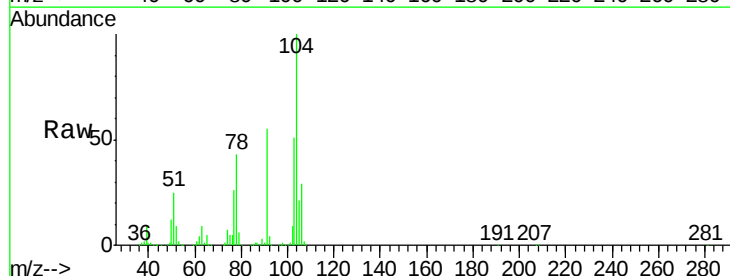
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

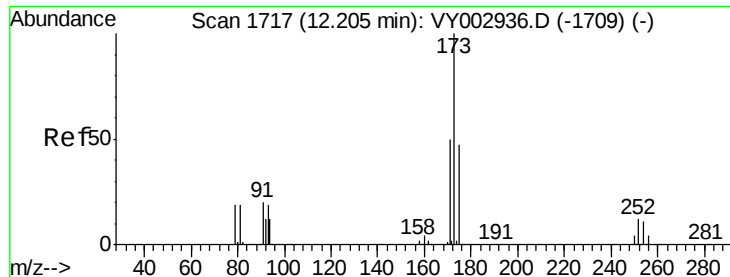
Tgt Ion:106 Resp: 287113
Ion Ratio Lower Upper
106 100
91 204.4 102.1 306.1



#70
Styrene
Concen: 51.749 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY002961.D
Acq: 20 Jun 2020 00:33

Tgt Ion:104 Resp: 504762
Ion Ratio Lower Upper
104 100
78 45.4 36.9 55.3
103 54.2 43.7 65.5

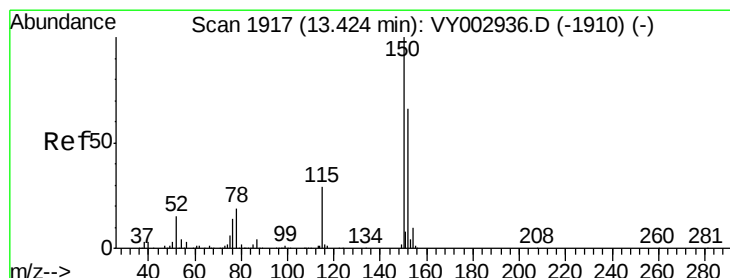
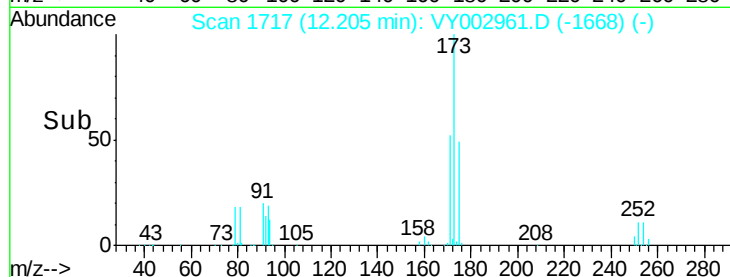
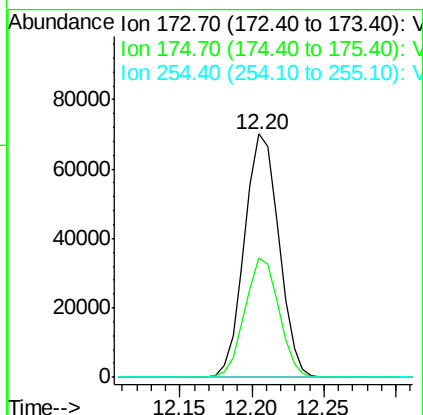
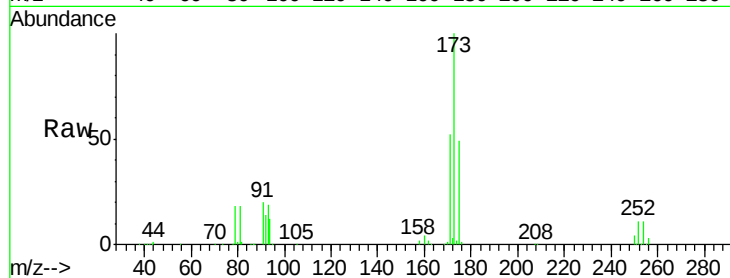




#71
Bromoform
Concen: 51.351 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VY002961.D
Acq: 20 Jun 2020 00:33

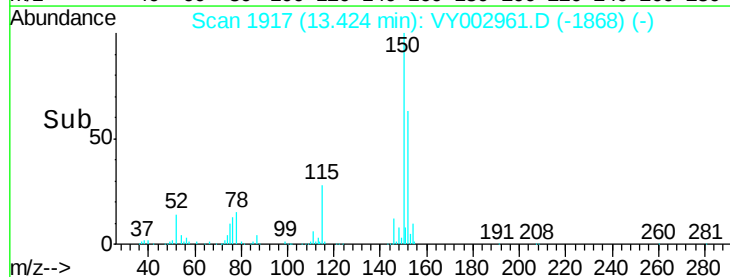
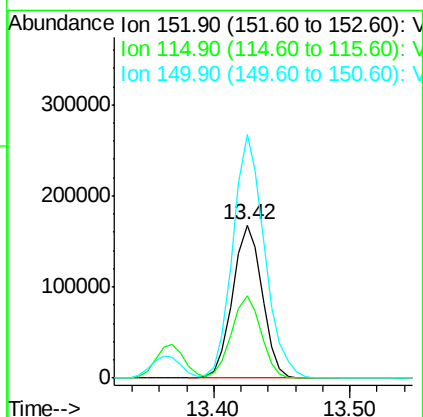
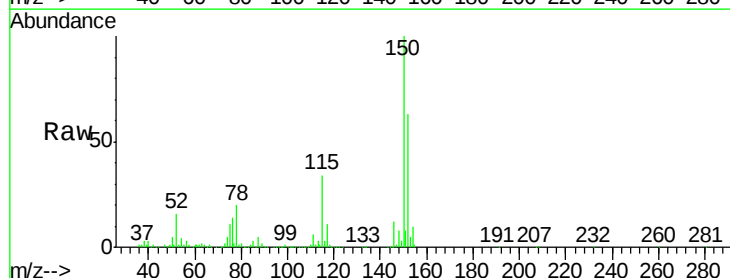
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

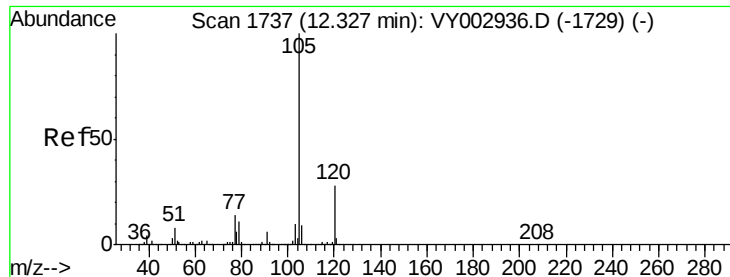
Tgt Ion:173 Resp: 116084
Ion Ratio Lower Upper
173 100
175 48.4 23.9 71.8
254 0.1 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY002961.D
Acq: 20 Jun 2020 00:33

Tgt Ion:152 Resp: 253790
Ion Ratio Lower Upper
152 100
115 53.4 26.9 80.6
150 170.8 0.0 341.8





#73

Isopropylbenzene

Concen: 48.896 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY002961.D

Acq: 20 Jun 2020 00:33

Instrument :

MSVOA_Y

ClientSampleId :

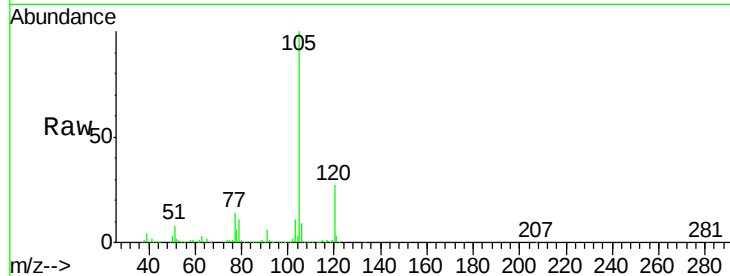
VSTDCCC050EC

Tgt Ion: 105 Resp: 760539

Ion Ratio Lower Upper

105 100

120 27.4 14.0 41.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

600000

500000

400000

300000

200000

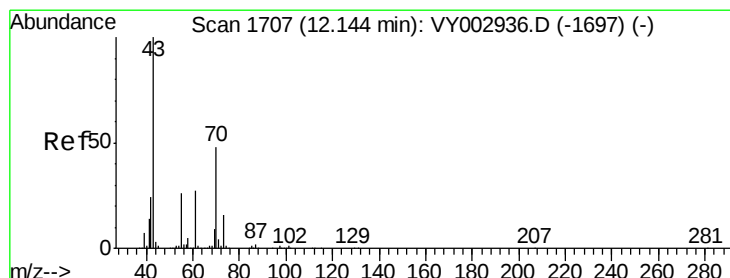
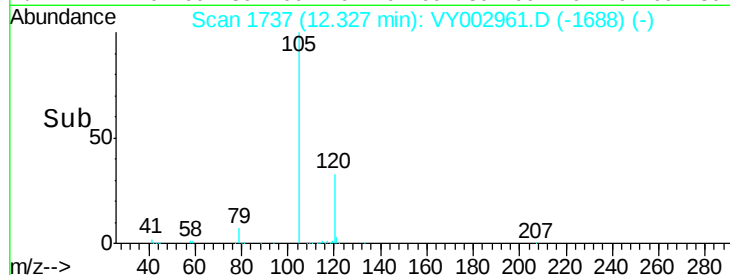
100000

0

12.33

12.40

Time-->



#74

N-ethyl acetate

Concen: 51.774 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY002961.D

Acq: 20 Jun 2020 00:33

Tgt Ion: 43 Resp: 207391

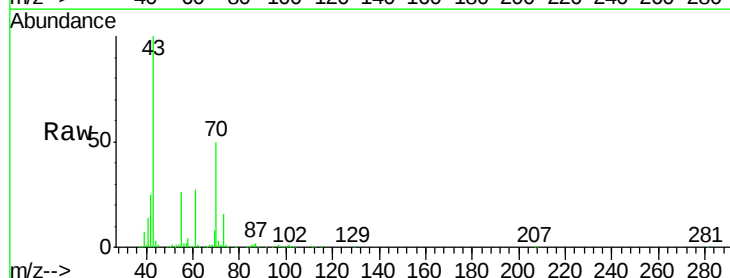
Ion Ratio Lower Upper

43 100

70 48.1 38.0 57.0

55 24.9 20.3 30.5

61 27.1 21.4 32.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

200000

150000

100000

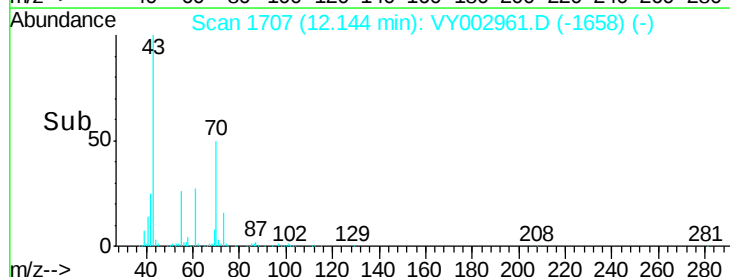
50000

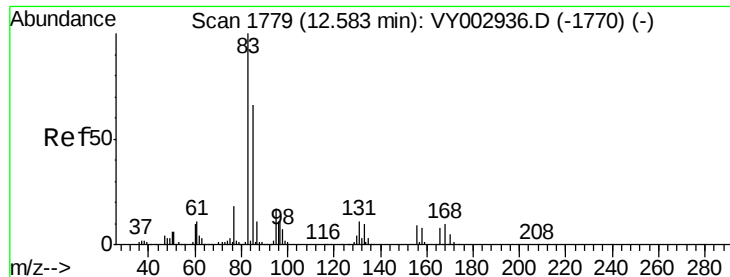
0

12.14

12.20

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 50.355 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY002961.D

Acq: 20 Jun 2020 00:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

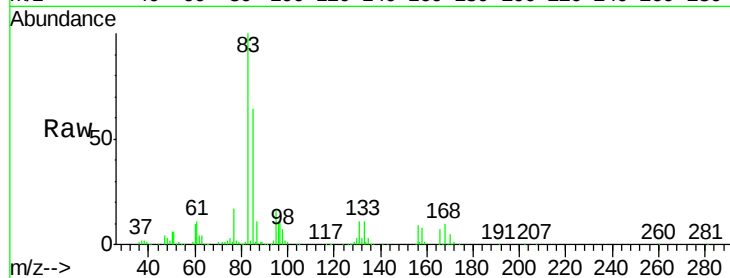
Tgt Ion: 83 Resp: 145214

Ion Ratio Lower Upper

83 100

131 11.5 5.9 17.7

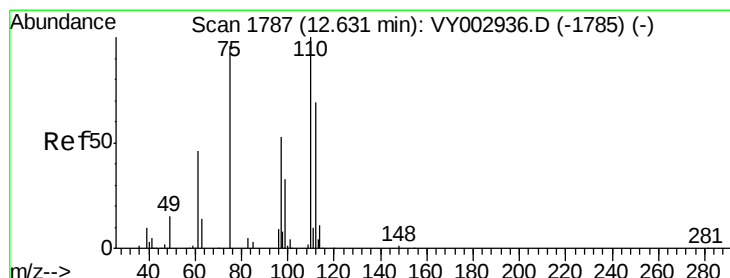
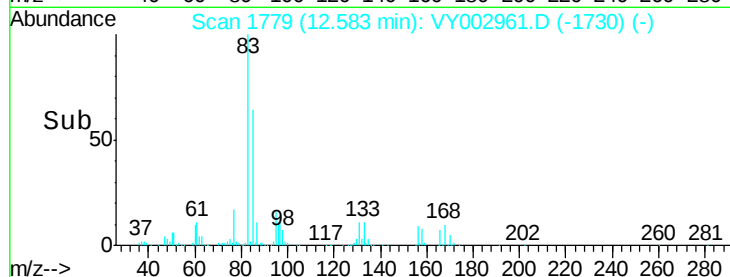
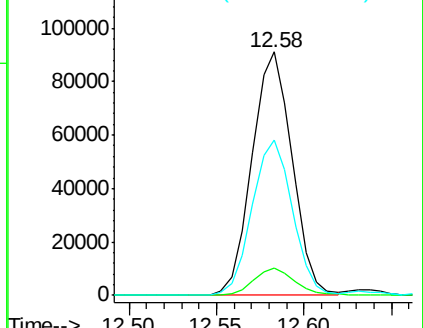
85 64.1 32.8 98.3



Abundance Ion 82.90 (82.60 to 83.60): VY002961.D (-1730) (-)

Ion 130.80 (130.50 to 131.50): VY002961.D (-1730) (-)

Ion 84.90 (84.60 to 85.60): VY002961.D (-1730) (-)



#76

1,2,3-Trichloropropane

Concen: 92.667 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY002961.D

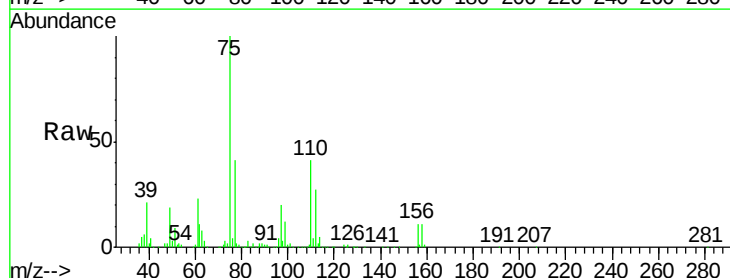
Acq: 20 Jun 2020 00:33

Tgt Ion: 75 Resp: 204817

Ion Ratio Lower Upper

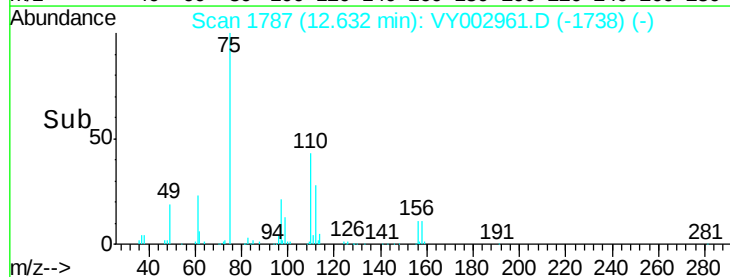
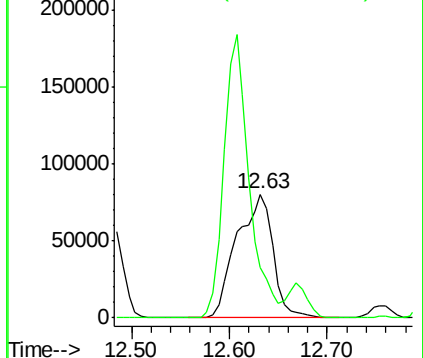
75 100

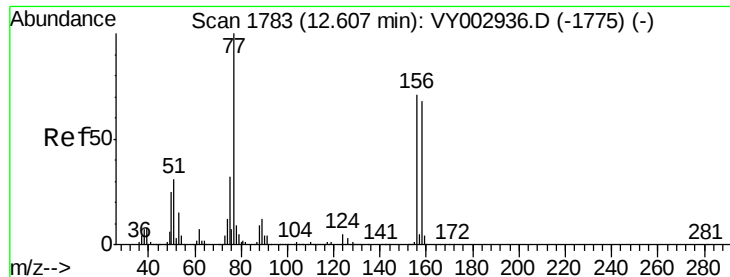
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY002961.D (-1738) (-)

Ion 77.00 (76.70 to 77.70): VY002961.D (-1738) (-)





#77

Bromobenzene

Concen: 49.541 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY002961.D

Acq: 20 Jun 2020 00:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

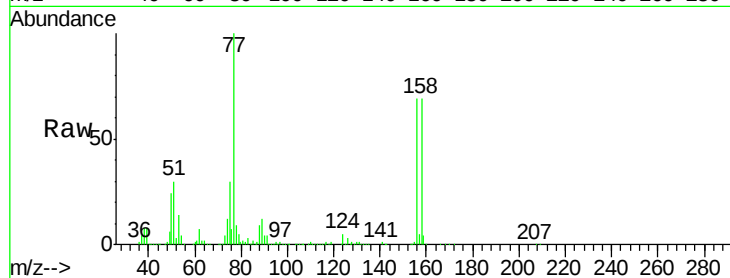
Tgt Ion:156 Resp: 201748

Ion Ratio Lower Upper

156 100

77 162.7 80.5 241.5

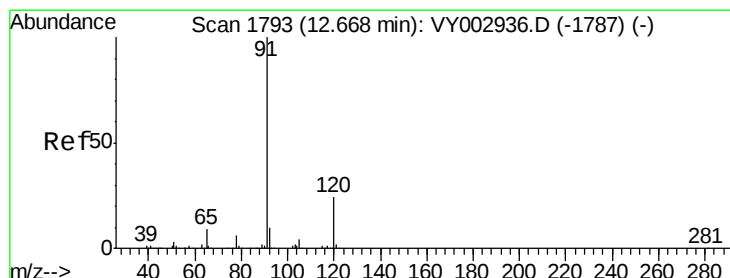
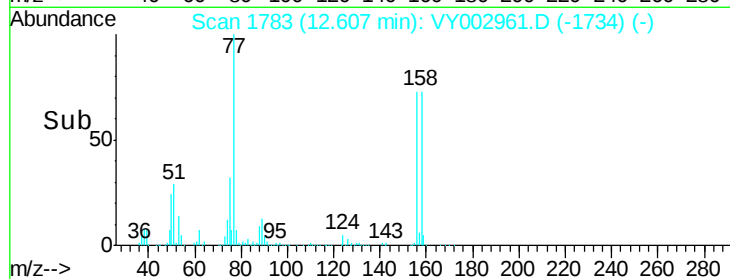
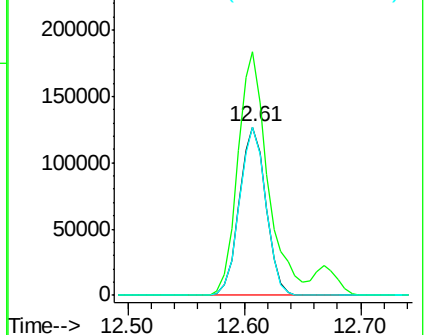
158 99.1 48.2 144.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.749 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY002961.D

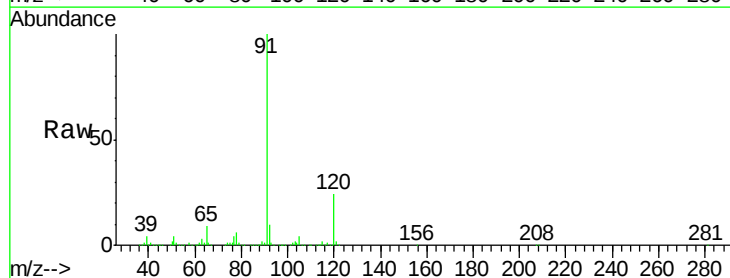
Acq: 20 Jun 2020 00:33

Tgt Ion: 91 Resp: 879700

Ion Ratio Lower Upper

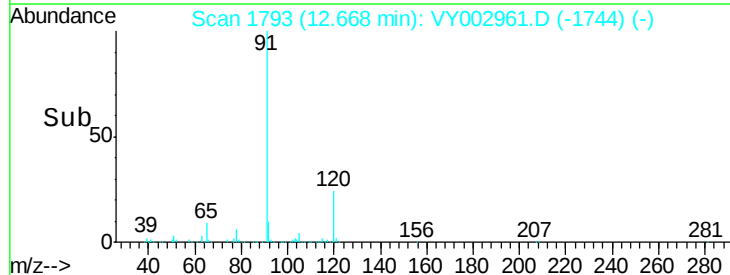
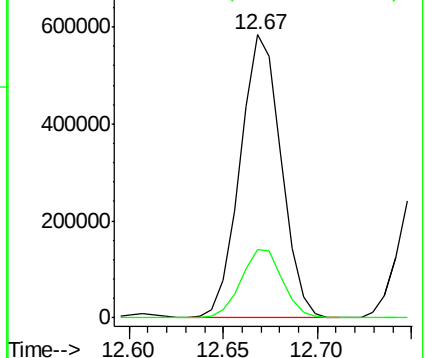
91 100

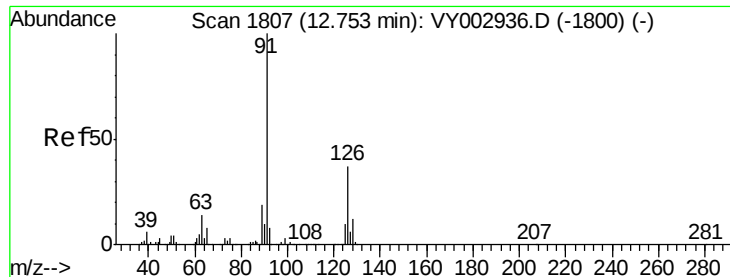
120 24.5 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

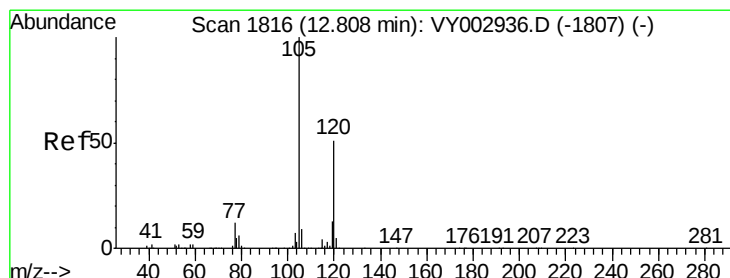
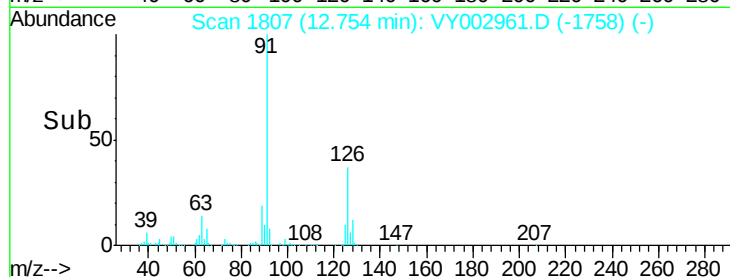
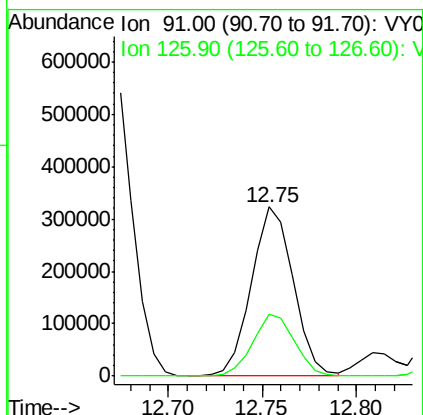
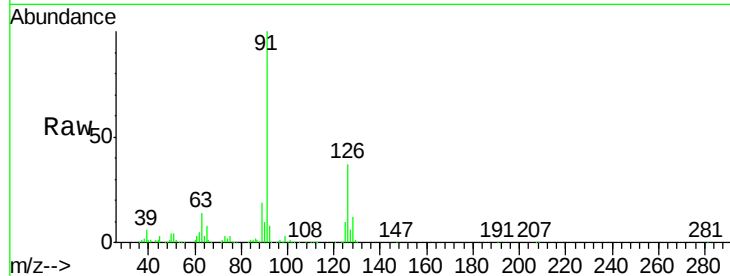




#79
 2-Chlorotoluene
 Concen: 49.295 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VY002961.D
 Acq: 20 Jun 2020 00:33

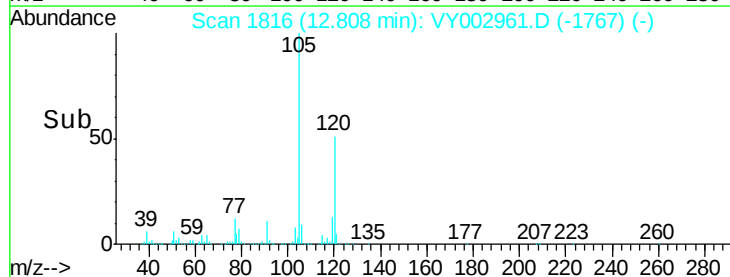
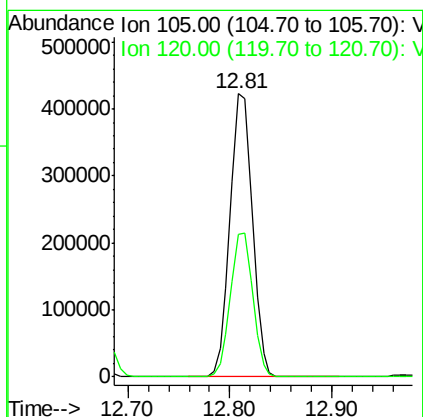
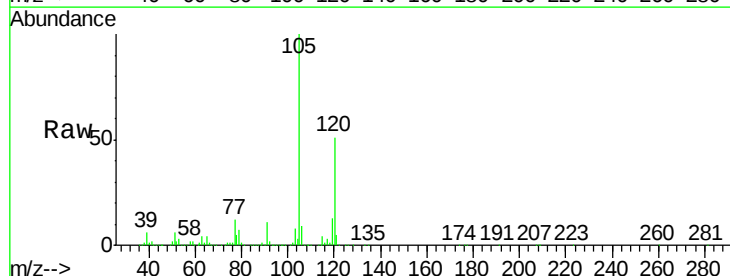
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

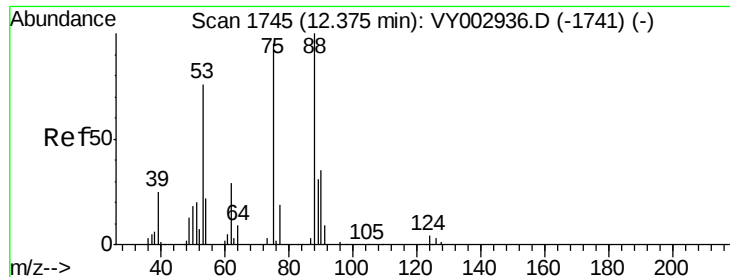
Tgt Ion: 91 Resp: 498236
 Ion Ratio Lower Upper
 91 100
 126 36.6 18.5 55.5



#80
 1,3,5-Trimethylbenzene
 Concen: 49.358 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. 0.00 min
 Lab File: VY002961.D
 Acq: 20 Jun 2020 00:33

Tgt Ion: 105 Resp: 640016
 Ion Ratio Lower Upper
 105 100
 120 50.8 25.6 76.6





#81

trans-1,4-Dichloro-2-butene

Concen: 48.307 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY002961.D

Acq: 20 Jun 2020 00:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

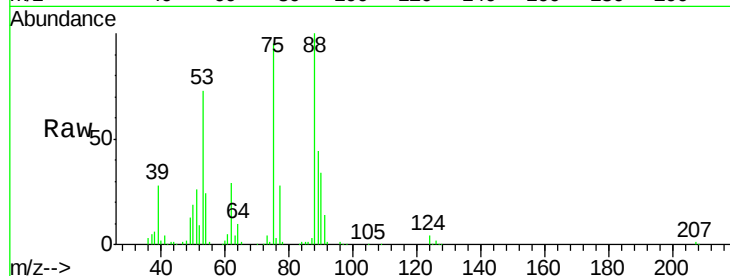
Tgt Ion: 75 Resp: 55924

Ion Ratio Lower Upper

75 100

53 80.4 65.1 97.7

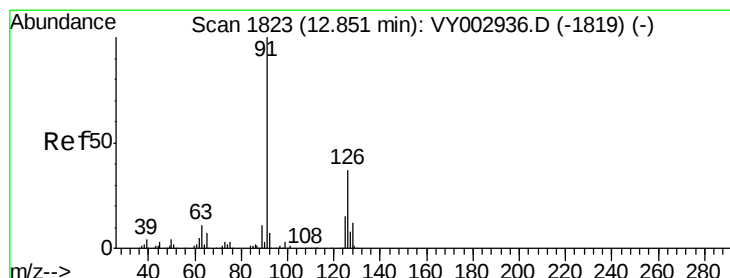
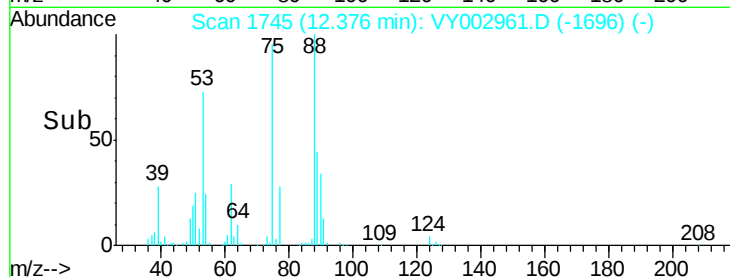
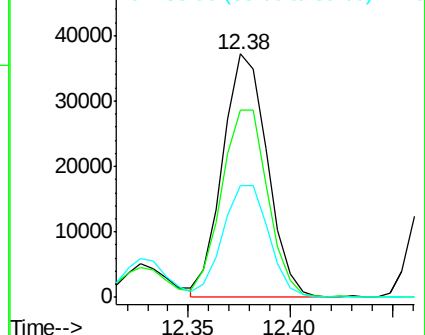
89 48.0 38.4 57.6



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: 49.215 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY002961.D

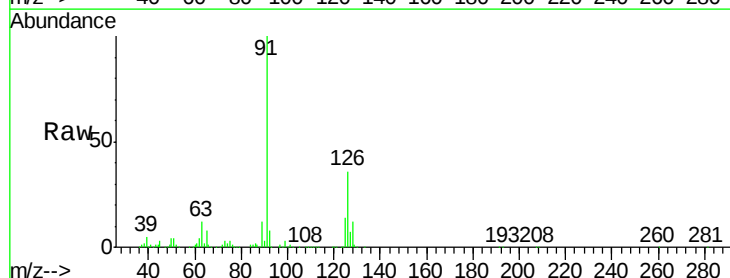
Acq: 20 Jun 2020 00:33

Tgt Ion: 91 Resp: 523123

Ion Ratio Lower Upper

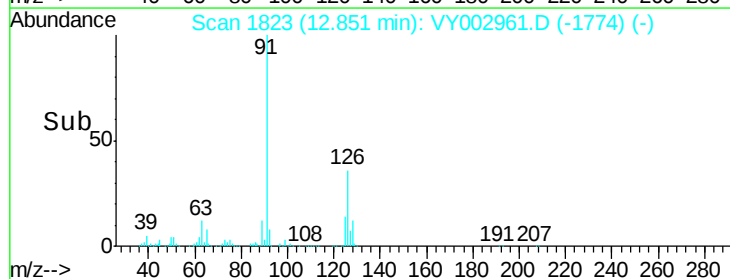
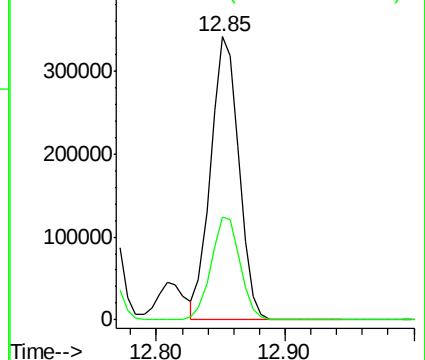
91 100

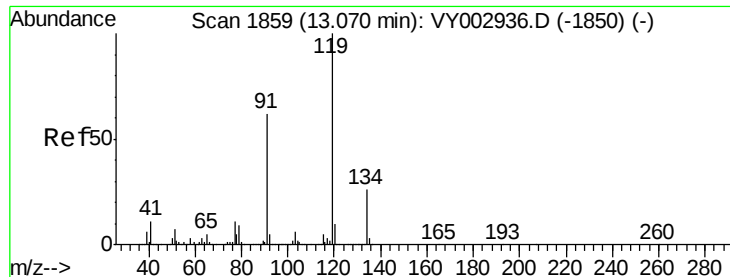
126 37.2 18.6 55.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

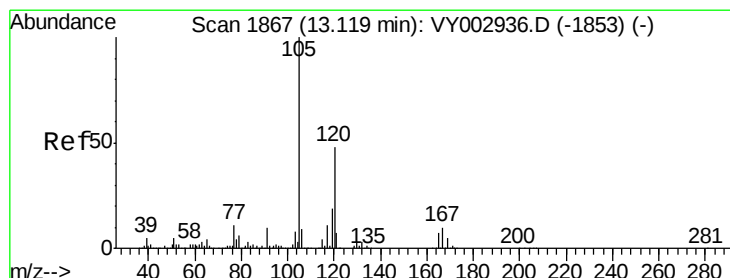
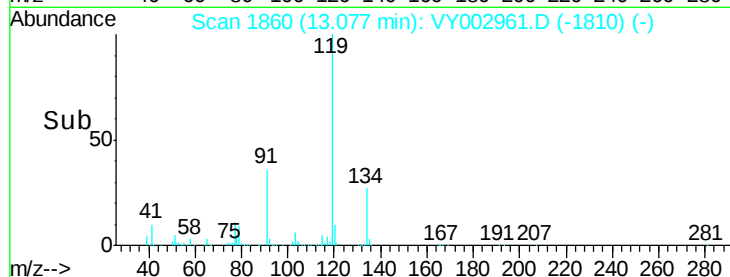
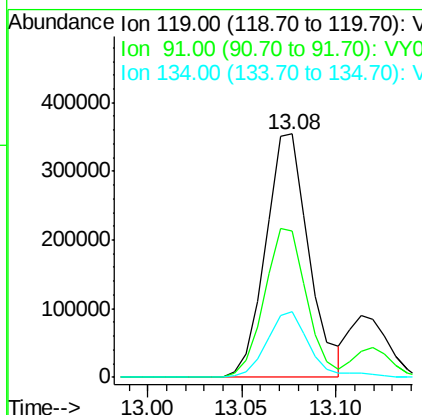
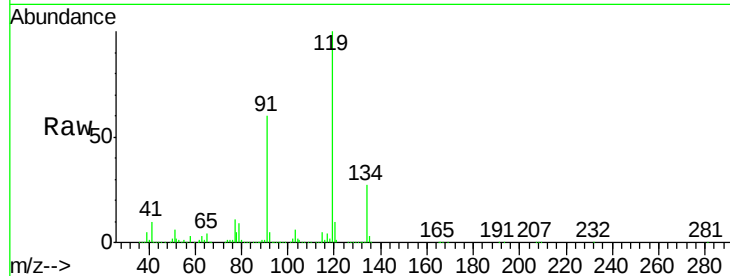




#83
 tert-Butylbenzene
 Concen: 48.516 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. 0.01 min
 Lab File: VY002961.D
 Acq: 20 Jun 2020 00:33

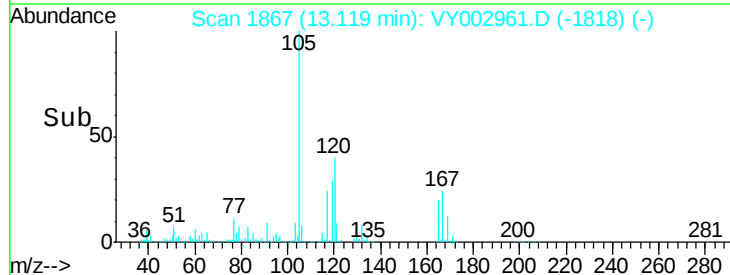
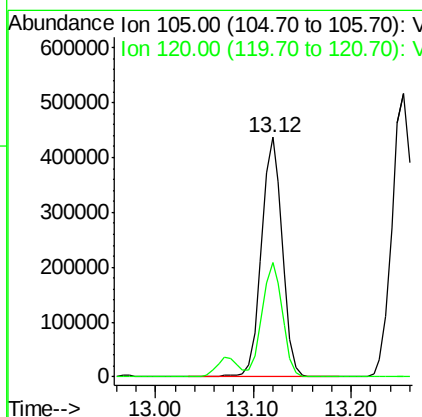
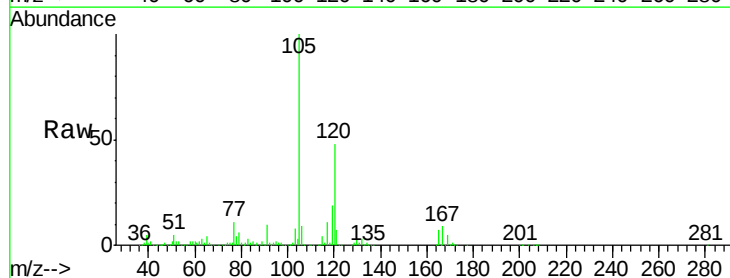
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

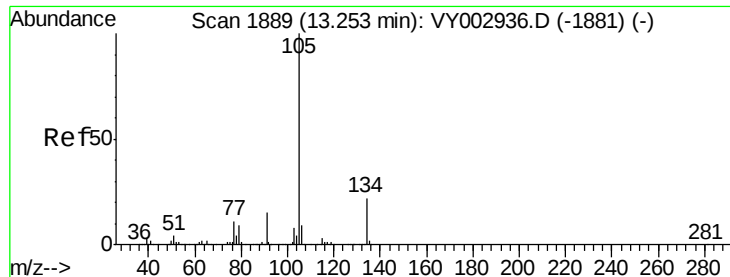
Tgt Ion:119 Resp: 563488
 Ion Ratio Lower Upper
 119 100
 91 59.7 29.9 89.7
 134 26.8 13.3 39.8



#84
 1,2,4-Trimethylbenzene
 Concen: 49.588 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VY002961.D
 Acq: 20 Jun 2020 00:33

Tgt Ion:105 Resp: 647010
 Ion Ratio Lower Upper
 105 100
 120 47.5 23.5 70.5

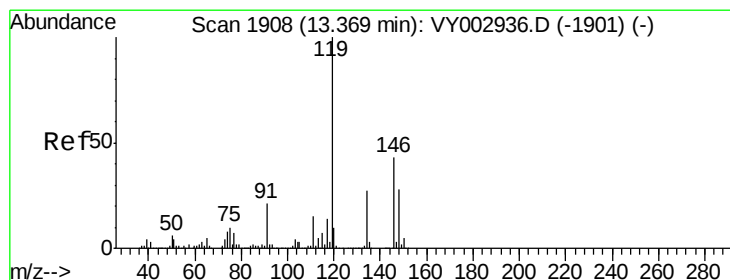
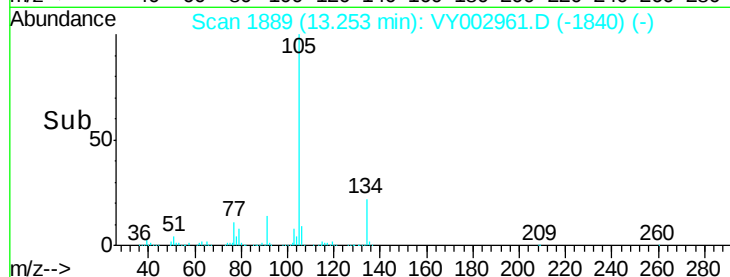
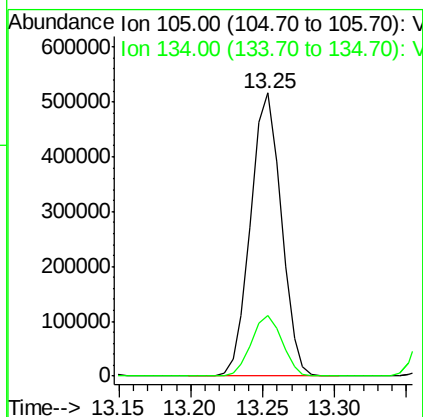
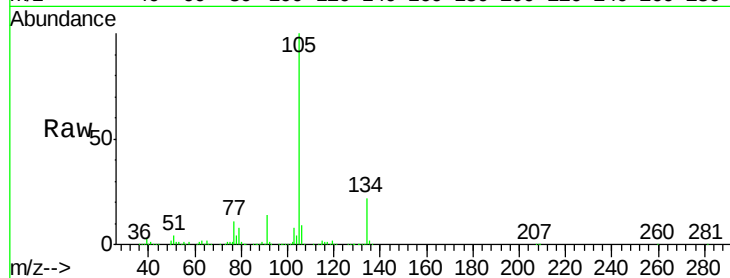




#85
 sec-Butylbenzene
 Concen: 48.123 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VY002961.D
 Acq: 20 Jun 2020 00:33

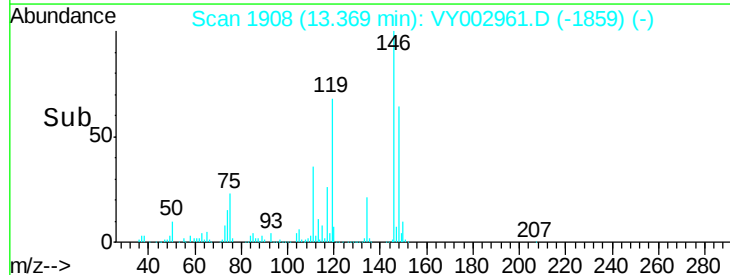
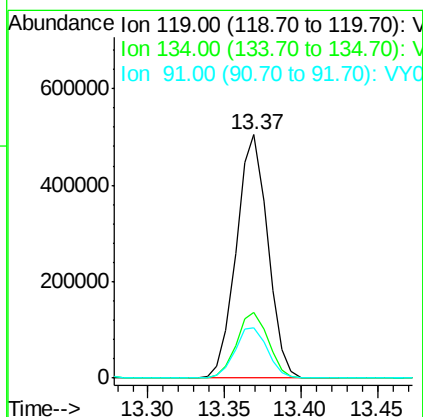
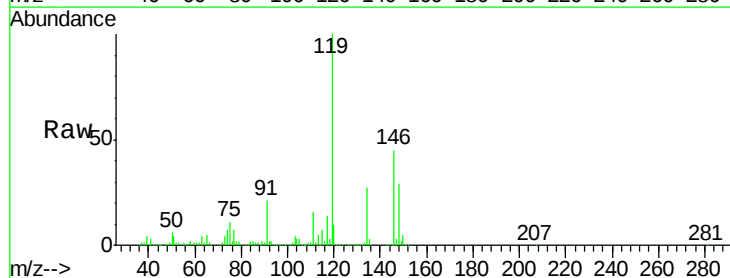
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

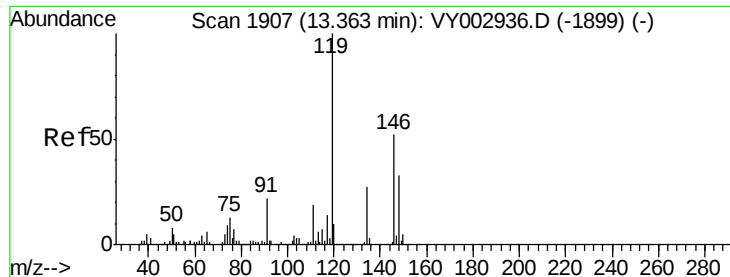
Tgt Ion:105 Resp: 760322
 Ion Ratio Lower Upper
 105 100
 134 21.5 10.8 32.4



#86
 p-Isopropyltoluene
 Concen: 48.446 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.00 min
 Lab File: VY002961.D
 Acq: 20 Jun 2020 00:33

Tgt Ion:119 Resp: 717958
 Ion Ratio Lower Upper
 119 100
 134 27.3 13.6 40.8
 91 21.4 10.8 32.4

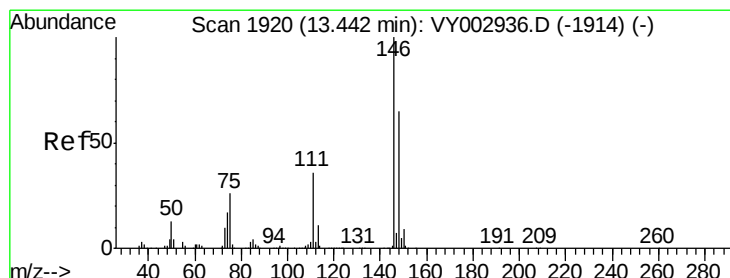
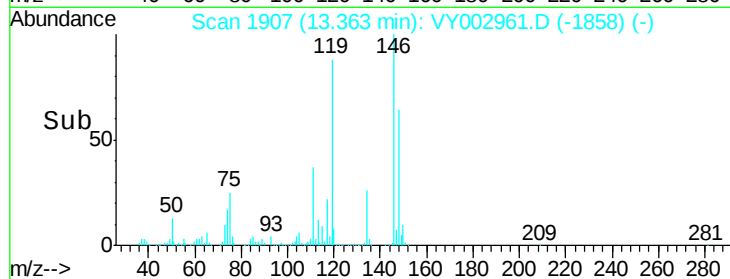
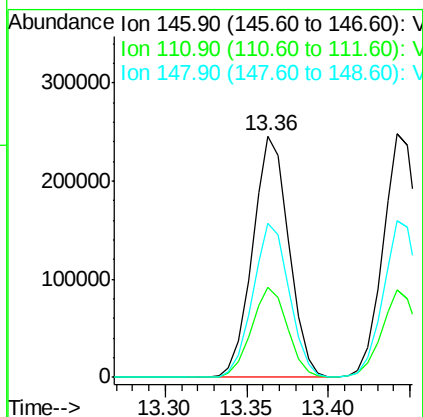
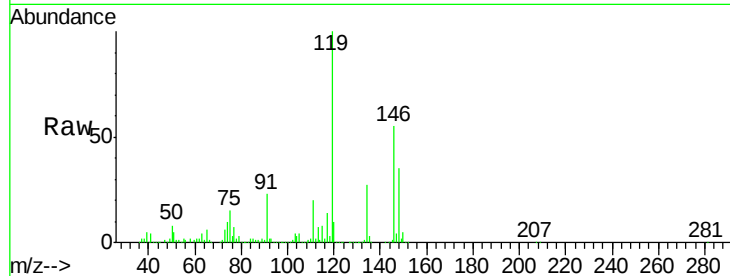




#87
 1,3-Dichlorobenzene
 Concen: 49.228 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY002961.D
 Acq: 20 Jun 2020 00:33

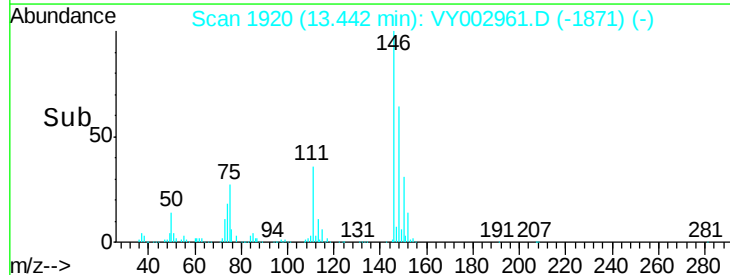
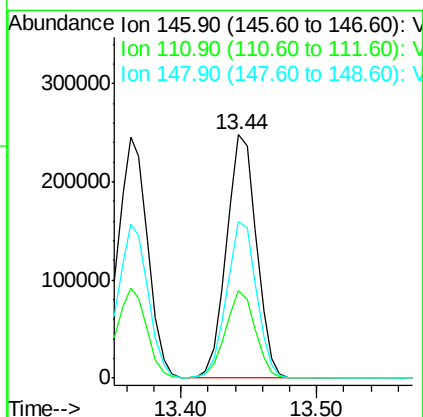
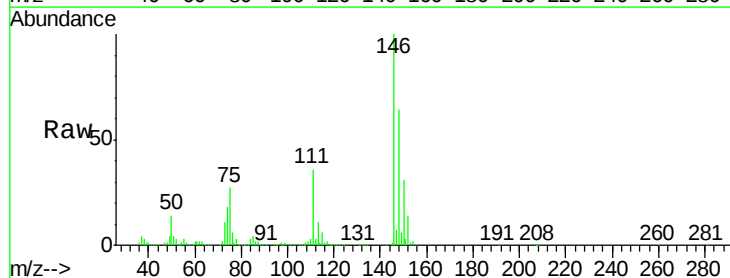
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

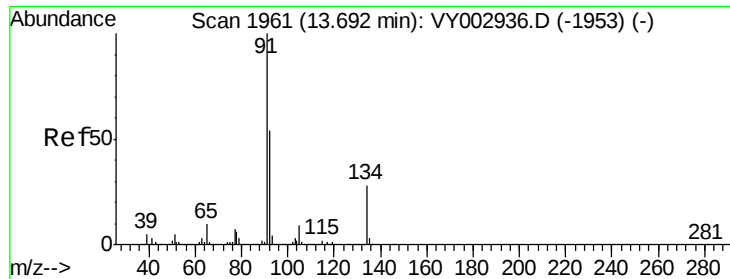
Tgt Ion:146 Resp: 377878
 Ion Ratio Lower Upper
 146 100
 111 37.1 18.2 54.6
 148 64.3 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 49.367 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY002961.D
 Acq: 20 Jun 2020 00:33

Tgt Ion:146 Resp: 379477
 Ion Ratio Lower Upper
 146 100
 111 35.8 17.9 53.8
 148 64.1 32.1 96.5

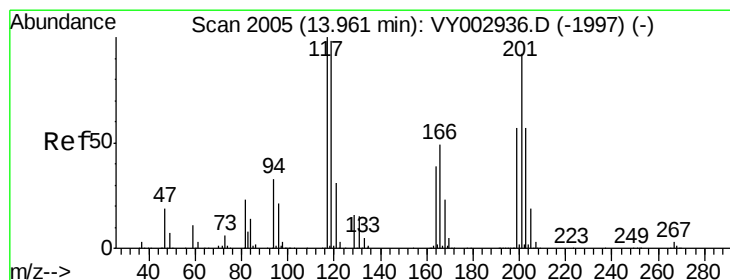
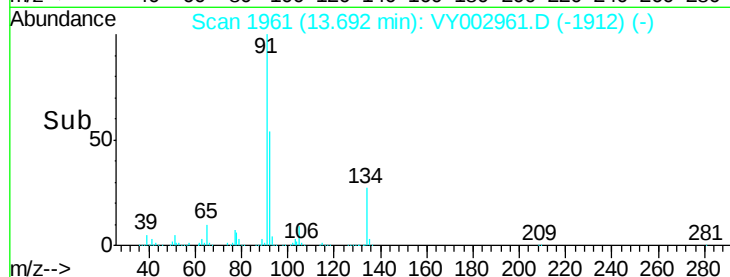
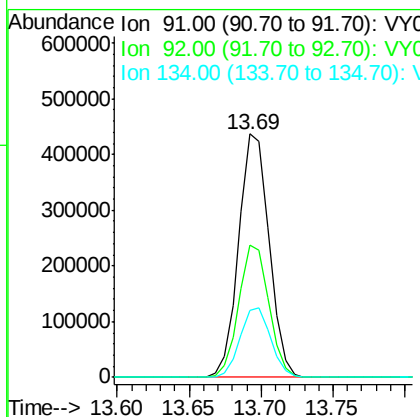
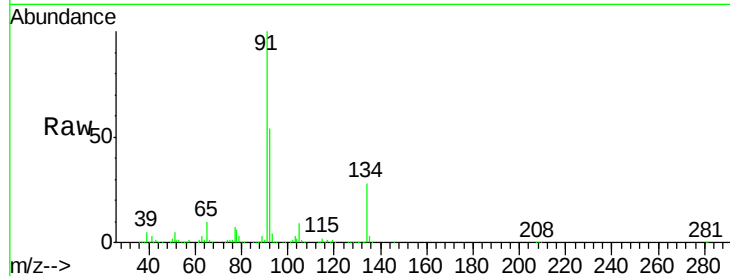




#89
n-Butylbenzene
Concen: 47.809 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY002961.D
Acq: 20 Jun 2020 00:33

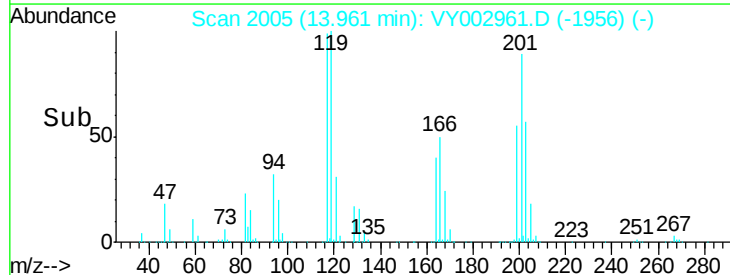
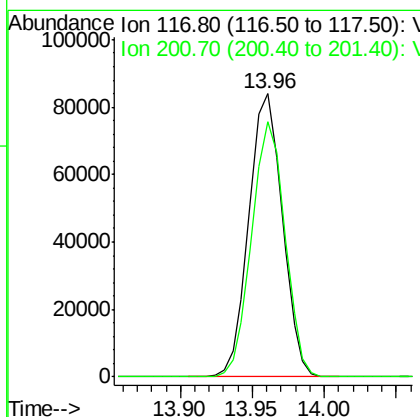
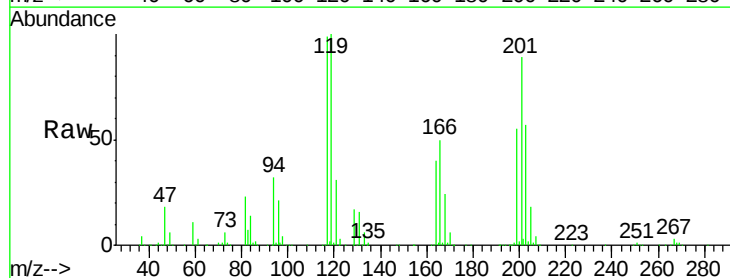
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

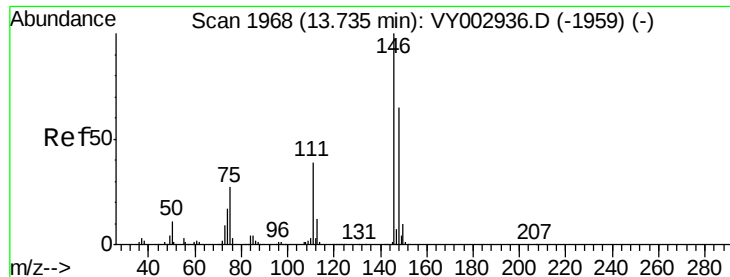
Tgt Ion: 91 Resp: 640510
Ion Ratio Lower Upper
91 100
92 53.7 27.0 80.8
134 28.6 14.5 43.5



#90
Hexachloroethane
Concen: 48.944 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY002961.D
Acq: 20 Jun 2020 00:33

Tgt Ion: 117 Resp: 135103
Ion Ratio Lower Upper
117 100
201 89.4 45.1 135.5

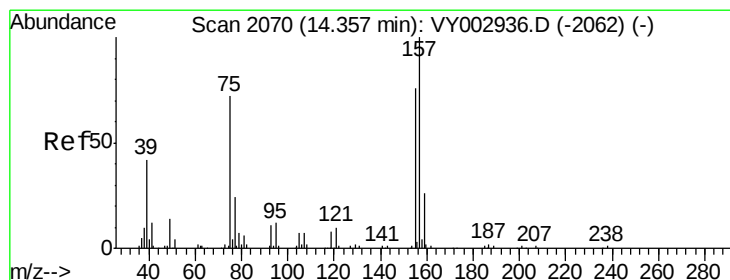
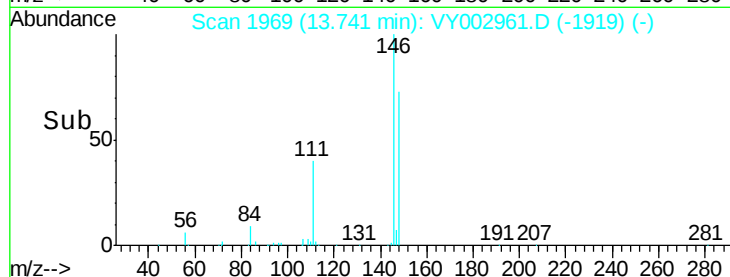
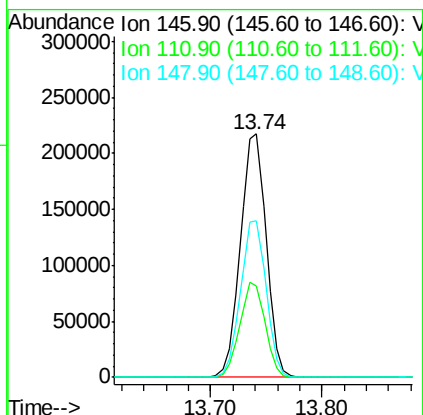
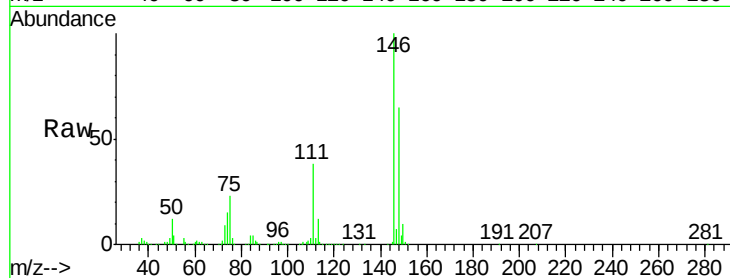




#91
 1,2-Dichlorobenzene
 Concen: 49.889 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.01 min
 Lab File: VY002961.D
 Acq: 20 Jun 2020 00:33

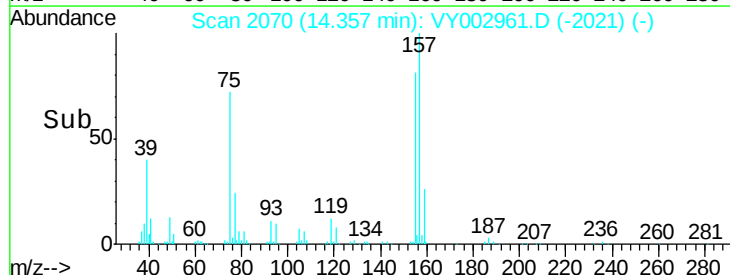
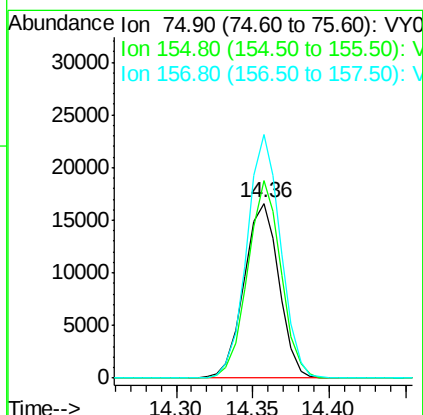
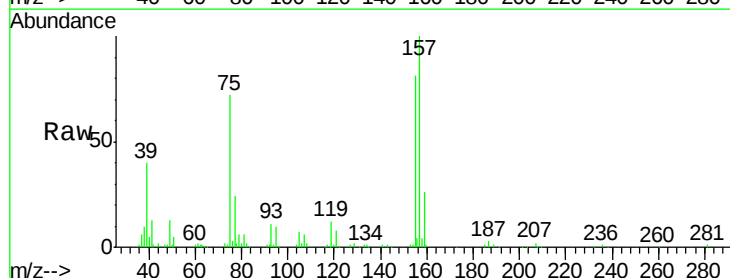
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

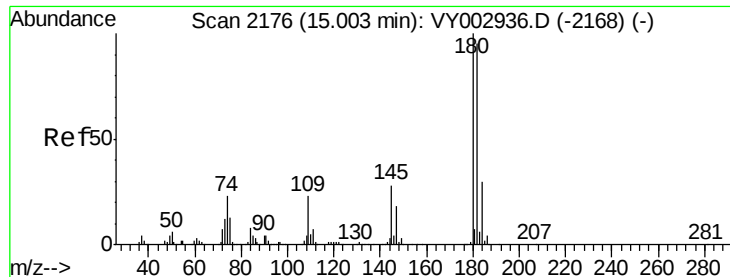
Tgt Ion: 146 Resp: 348543
 Ion Ratio Lower Upper
 146 100
 111 38.4 18.9 56.9
 148 64.3 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.836 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY002961.D
 Acq: 20 Jun 2020 00:33

Tgt Ion: 75 Resp: 26311
 Ion Ratio Lower Upper
 75 100
 155 107.4 53.1 159.4
 157 135.0 69.0 206.9

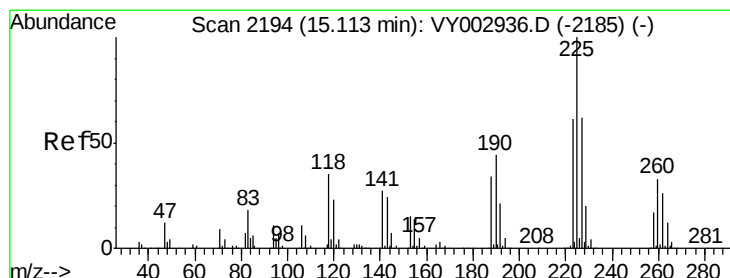
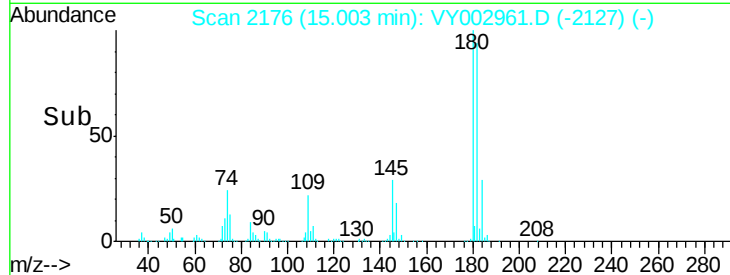
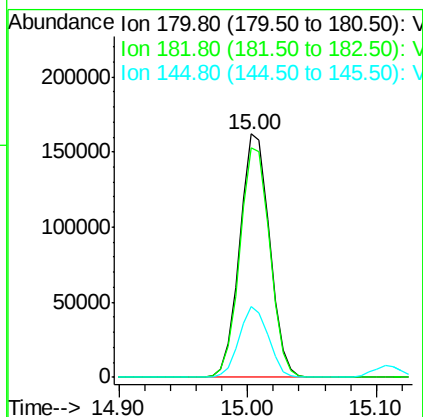
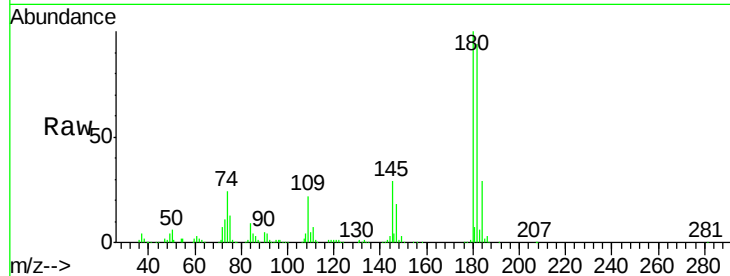




#93
 1,2,4-Trichlorobenzene
 Concen: 49.421 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY002961.D
 Acq: 20 Jun 2020 00:33

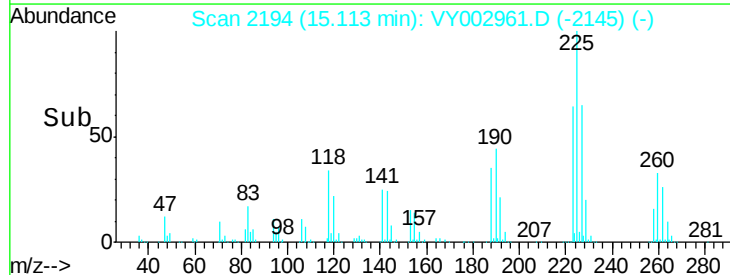
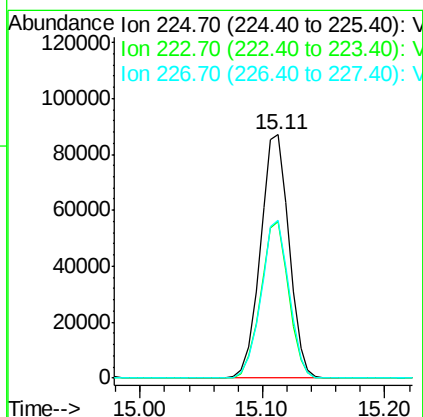
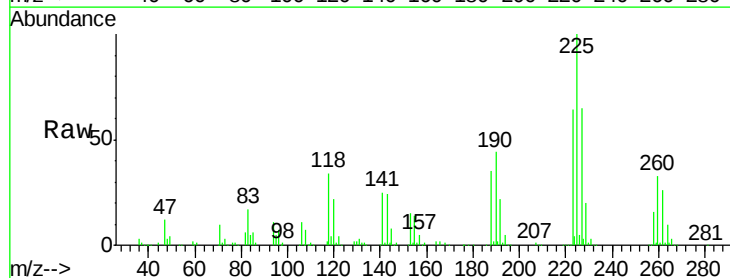
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

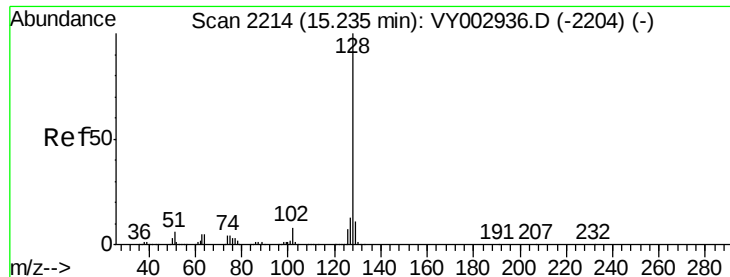
Tgt Ion:180 Resp: 259091
 Ion Ratio Lower Upper
 180 100
 182 94.6 47.9 143.6
 145 28.5 14.1 42.3



#94
 Hexachlorobutadiene
 Concen: 46.821 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY002961.D
 Acq: 20 Jun 2020 00:33

Tgt Ion:225 Resp: 141480
 Ion Ratio Lower Upper
 225 100
 223 62.7 31.3 93.8
 227 63.4 31.9 95.7

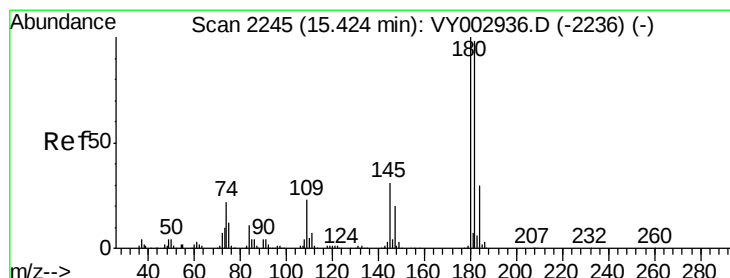
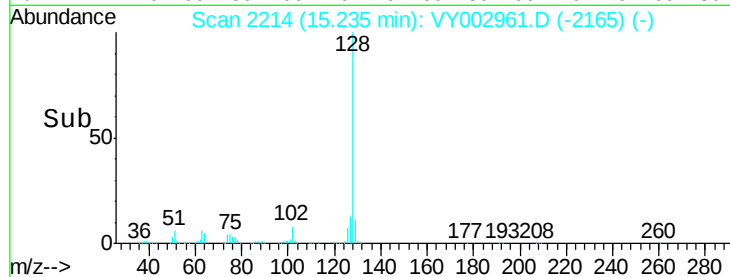
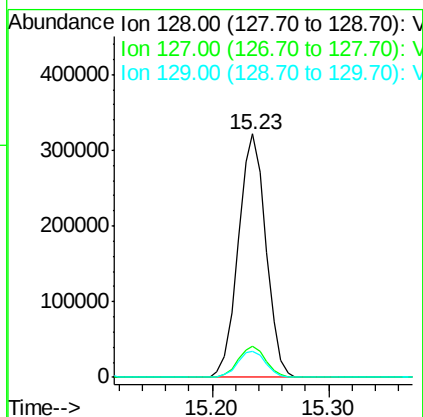
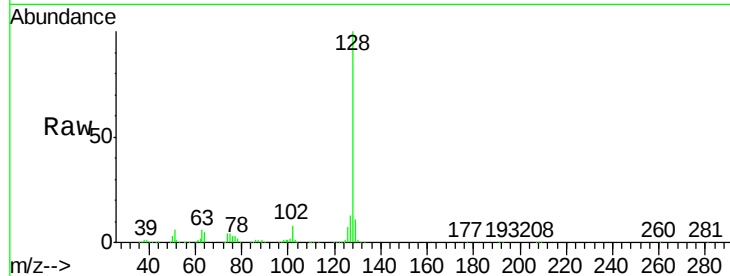




#95
Naphthalene
Concen: 50.730 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY002961.D
Acq: 20 Jun 2020 00:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 530067
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 49.807 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY002961.D
Acq: 20 Jun 2020 00:33

Tgt Ion:180 Resp: 232966
Ion Ratio Lower Upper
180 100
182 96.4 47.8 143.3
145 30.2 15.0 45.0

