

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY061920\
 Data File : VY002936.D
 Acq On : 19 Jun 2020 14:01
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Quant Time: Jun 19 14:20:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y061920S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 19 14:17:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	345793	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	513577	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	475458	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	254646	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	151432	52.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.96%	
35) Dibromofluoromethane	7.72	113	154193	52.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.92%	
50) Toluene-d8	10.18	98	615596	53.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.70%	
62) 4-Bromofluorobenzene	12.48	95	210776	51.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.92%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.91	85	114326	52.107	ug/l	100
3) Chloromethane	2.12	50	127783	50.786	ug/l	100
4) Vinyl Chloride	2.26	62	140933	52.921	ug/l	100
5) Bromomethane	2.65	94	104960	51.495	ug/l	100
6) Chloroethane	2.80	64	92213	53.244	ug/l	100
7) Trichlorofluoromethane	3.13	101	252592	52.202	ug/l	100
8) Diethyl Ether	3.54	74	91596	52.795	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.91	101	151207	51.831	ug/l	100
10) Methyl Iodide	4.10	142	228888	59.194	ug/l	100
11) Tert butyl alcohol	4.97	59	77609	209.604	ug/l	100
12) 1,1-Dichloroethene	3.88	96	152024	52.857	ug/l	100
13) Acrolein	3.74	56	78043	281.248	ug/l	100
14) Allyl chloride	4.49	41	218538	52.771	ug/l	100
15) Acrylonitrile	5.18	53	216582	258.829	ug/l	100
16) Acetone	3.96	43	190812	269.917	ug/l	100
17) Carbon Disulfide	4.20	76	476394	57.552	ug/l	100
18) Methyl Acetate	4.49	43	89829	40.069	ug/l	100
19) Methyl tert-butyl Ether	5.23	73	407930	52.114	ug/l	100
20) Methylene Chloride	4.72	84	177747	33.936	ug/l	100
21) trans-1,2-Dichloroethene	5.23	96	169304	52.989	ug/l	100
22) Diisopropyl ether	6.13	45	440665	51.424	ug/l	100
23) Vinyl Acetate	6.07	43	1497116	278.589	ug/l	100
24) 1,1-Dichloroethane	6.03	63	264466	52.404	ug/l	100
25) 2-Butanone	6.99	43	272777	256.832	ug/l	100
26) 2,2-Dichloropropane	6.99	77	238155	49.687	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	186263	51.970	ug/l	100
28) Bromochloromethane	7.34	49	116003	55.281	ug/l	100
29) Tetrahydrofuran	7.35	42	177012	258.451	ug/l	100
30) Chloroform	7.52	83	274153	51.832	ug/l	100
31) Cyclohexane	7.79	56	251628	50.485	ug/l	100
32) 1,1,1-Trichloroethane	7.71	97	253000	52.151	ug/l	100
36) 1,1-Dichloropropene	7.92	75	218881	52.595	ug/l	100
37) Ethyl Acetate	7.08	43	116188	49.660	ug/l	100
38) Carbon Tetrachloride	7.91	117	241519	52.811	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	290898	53.617	ug/l	100
40) Benzene	8.16	78	644151	51.783	ug/l	100
41) Methacrylonitrile	7.35	41	161058	76.119	ug/l #	32
42) 1,2-Dichloroethane	8.24	62	176866	51.127	ug/l	100
43) Isopropyl Acetate	8.28	43	222452	51.900	ug/l	100
44) Trichloroethene	8.94	130	200734	51.931	ug/l	100
45) 1,2-Dichloropropane	9.22	63	154362	51.459	ug/l	100
46) Dibromomethane	9.31	93	92355	51.577	ug/l	100
47) Bromodichloromethane	9.50	83	218920	52.859	ug/l	100
48) Methyl methacrylate	9.30	41	100872	52.913	ug/l	100
49) 1,4-Dioxane	9.31	88	26138	1010.410	ug/l	100
51) 4-Methyl-2-Pentanone	10.07	43	591495	258.343	ug/l	100
52) Toluene	10.24	92	415835	51.716	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	235383	52.467	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	270248	53.097	ug/l	100
55) 1,1,2-Trichloroethane	10.64	97	135948	50.721	ug/l	100
56) Ethyl methacrylate	10.51	69	189423	53.656	ug/l	100
57) 1,3-Dichloropropane	10.79	76	229512	51.304	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	492241	278.673	ug/l	100
59) 2-Hexanone	10.83	43	421446	263.393	ug/l	100
60) Dibromochloromethane	10.99	129	175526	51.859	ug/l	100
61) 1,2-Dibromoethane	11.09	107	136730	51.720	ug/l	100
64) Tetrachloroethene	10.72	164	205161	50.966	ug/l	100
65) Chlorobenzene	11.52	112	465840	51.587	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	178319	52.468	ug/l	100
67) Ethyl Benzene	11.59	91	812313	52.414	ug/l	100
68) m/p-Xylenes	11.70	106	634842	105.434	ug/l	100
69) o-Xylene	12.03	106	300601	52.956	ug/l	100
70) Styrene	12.04	104	519637	53.160	ug/l	100
71) Bromoform	12.20	173	119530	52.786	ug/l #	100
73) Isopropylbenzene	12.33	105	810887	52.166	ug/l	100
74) N-amyl acetate	12.14	43	209895	53.102	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	146335	50.768	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	212805	58.922	ug/l #	100
77) Bromobenzene	12.61	156	211691	51.831	ug/l	100
78) n-propylbenzene	12.67	91	939450	51.946	ug/l	100
79) 2-Chlorotoluene	12.75	91	523597	51.663	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	679508	52.430	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	60189	52.841	ug/l	100
82) 4-Chlorotoluene	12.85	91	549588	51.400	ug/l	100
83) tert-Butylbenzene	13.07	119	607729	52.063	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	684472	52.265	ug/l	100
85) sec-Butylbenzene	13.25	105	823253	51.578	ug/l	100
86) p-Isopropyltoluene	13.37	119	775252	51.982	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	394700	50.887	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	394373	50.702	ug/l	100
89) n-Butylbenzene	13.69	91	699017	51.636	ug/l	100
90) Hexachloroethane	13.96	117	143733	52.118	ug/l	100
91) 1,2-Dichlorobenzene	13.73	146	359090	50.763	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	27081	50.098	ug/l	100

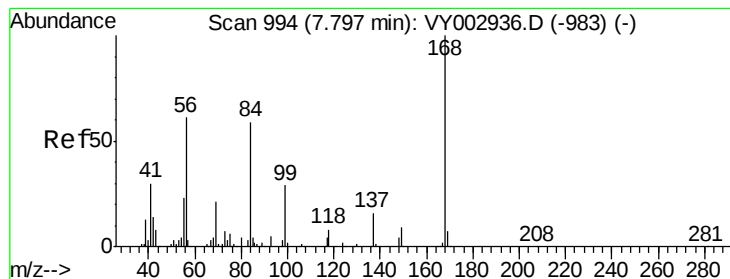
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY061920\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	270258	50.988	ug/l	100
94) Hexachlorobutadiene	15.11	225	153982	49.701	ug/l	100
95) Naphthalene	15.23	128	537882	51.905	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	238480	50.499	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002936.D

Acq: 19 Jun 2020 14:01

Instrument :

MSVOA_Y

ClientSampleId :

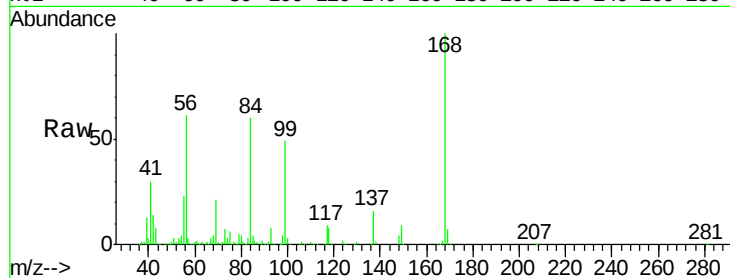
VSTDICCC050

Tgt Ion:168 Resp: 345793

Ion Ratio Lower Upper

168 100

99 49.4 39.5 59.3



Abundance Ion 167.90 (167.60 to 168.60): VY002936.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY002936.D (-983) (-)

7.80

150000

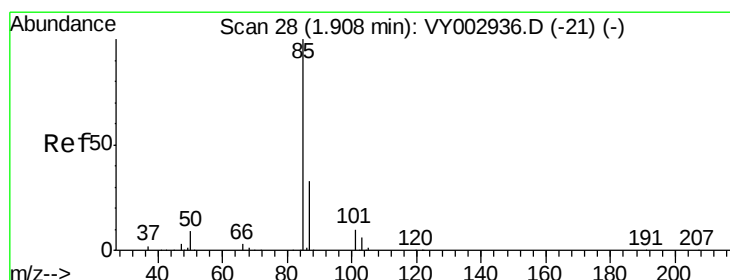
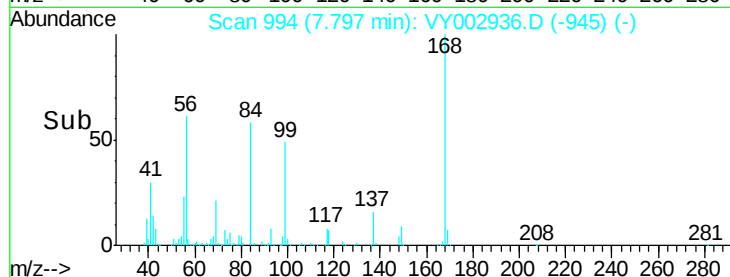
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 52.107 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.00 min

Lab File: VY002936.D

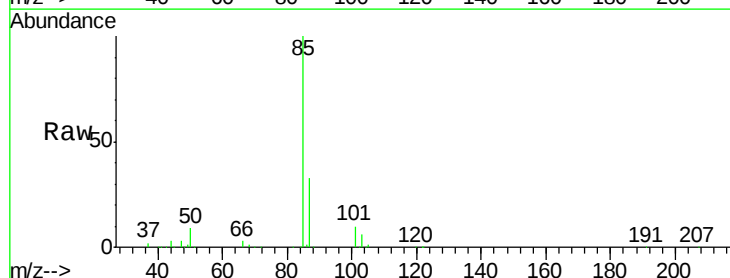
Acq: 19 Jun 2020 14:01

Tgt Ion: 85 Resp: 114326

Ion Ratio Lower Upper

85 100

87 32.6 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VY002936.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY002936.D (-21) (-)

1.91

80000

60000

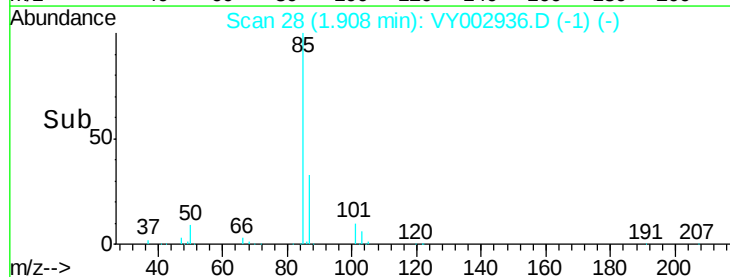
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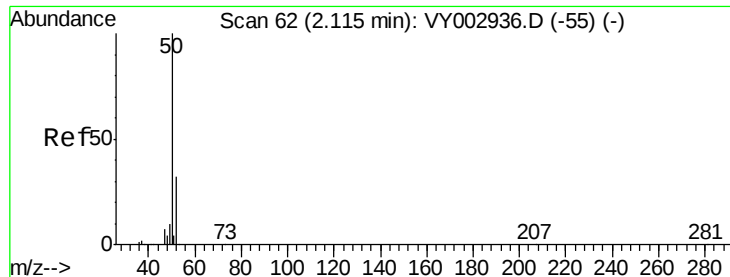
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0

1.80 1.90 2.00

Time-->

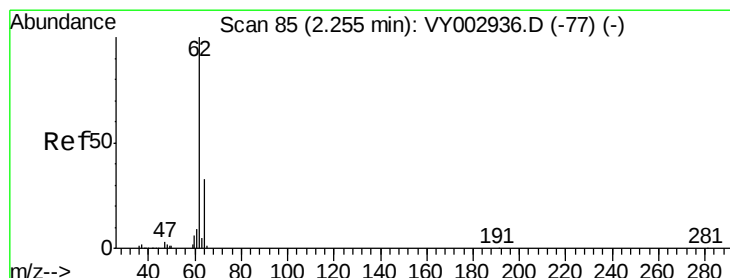
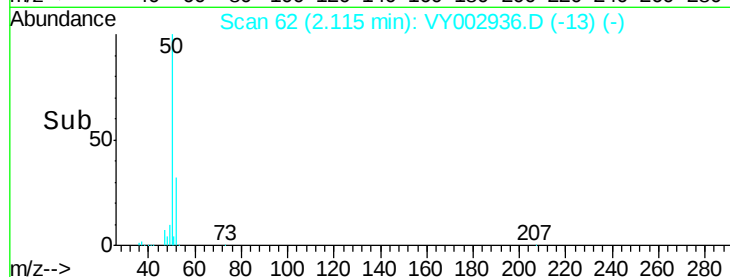
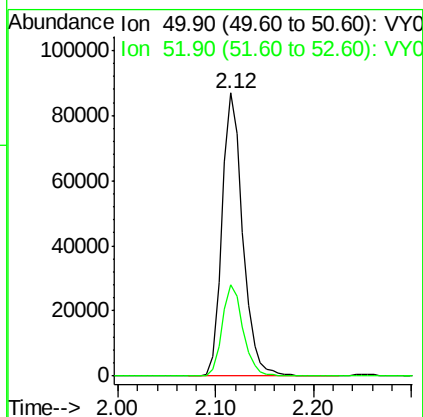
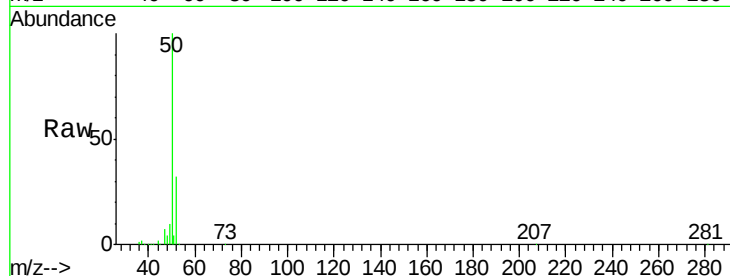




#3
Chloromethane
Concen: 50.786 ug/l
RT: 2.12 min Scan# 62
Delta R.T. 0.00 min
Lab File: VY002936.D
Acq: 19 Jun 2020 14:01

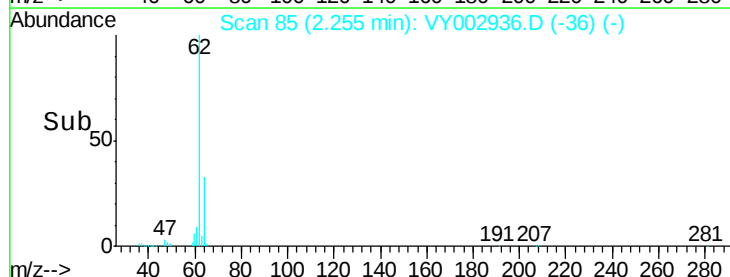
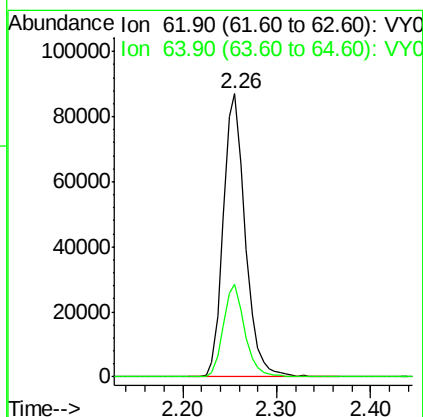
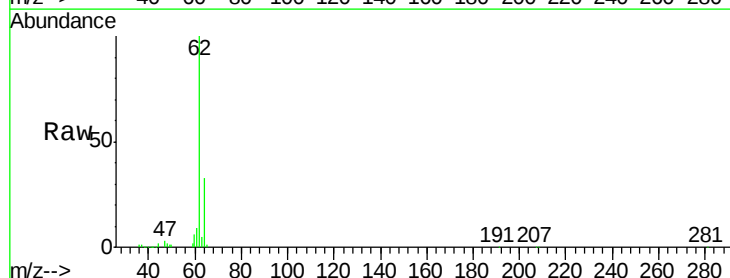
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

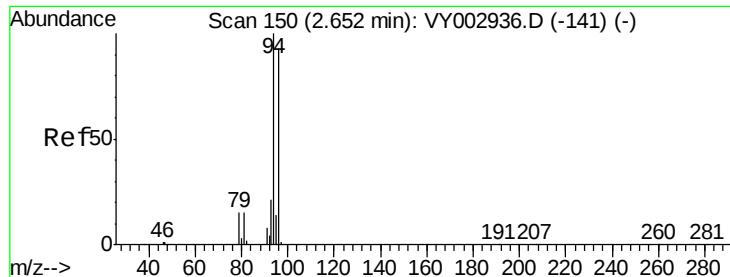
Tgt Ion: 50 Resp: 127783
Ion Ratio Lower Upper
50 100
52 32.2 25.8 38.6



#4
Vinyl Chloride
Concen: 52.921 ug/l
RT: 2.26 min Scan# 85
Delta R.T. 0.00 min
Lab File: VY002936.D
Acq: 19 Jun 2020 14:01

Tgt Ion: 62 Resp: 140933
Ion Ratio Lower Upper
62 100
64 32.9 26.3 39.5





#5

Bromomethane

Concen: 51.495 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.00 min

Lab File: VY002936.D

Acq: 19 Jun 2020 14:01

Instrument :

MSVOA_Y

ClientSampleId :

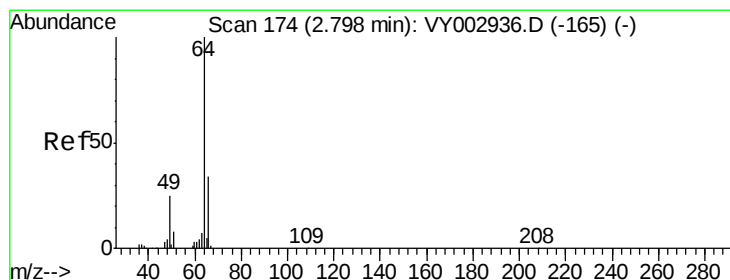
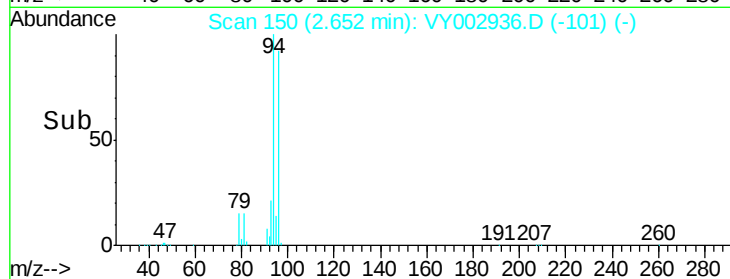
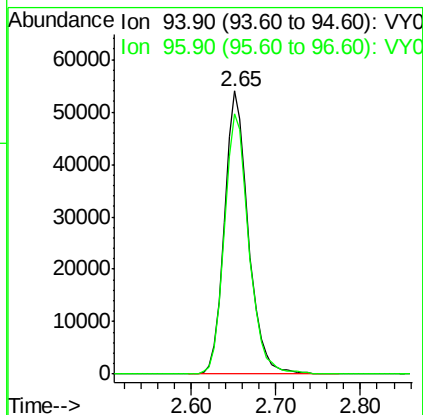
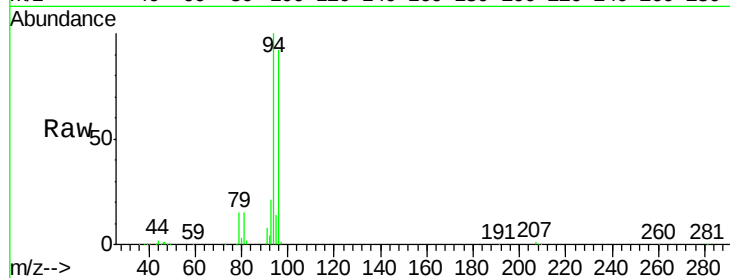
VSTDICCC050

Tgt Ion: 94 Resp: 104960

Ion Ratio Lower Upper

94 100

96 92.1 73.7 110.5



#6

Chloroethane

Concen: 53.244 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.00 min

Lab File: VY002936.D

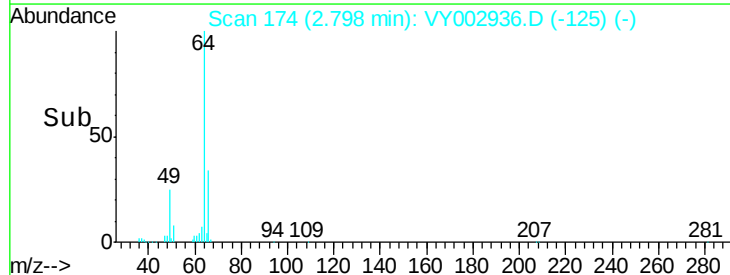
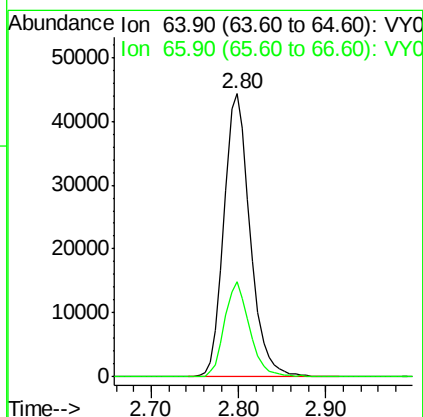
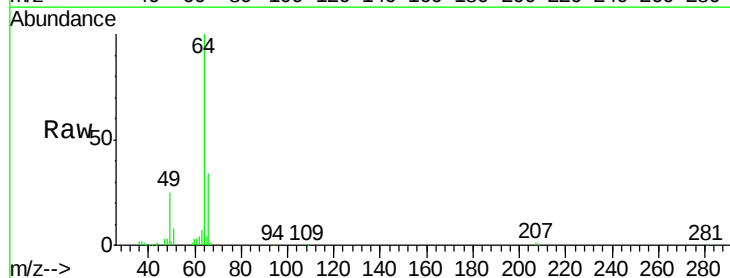
Acq: 19 Jun 2020 14:01

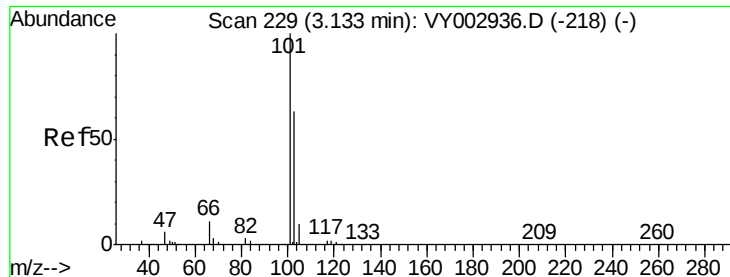
Tgt Ion: 64 Resp: 92213

Ion Ratio Lower Upper

64 100

66 33.8 27.0 40.6



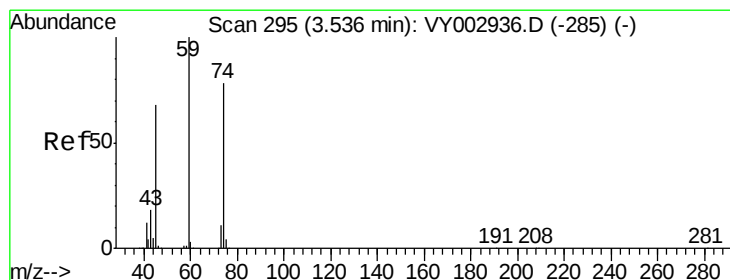
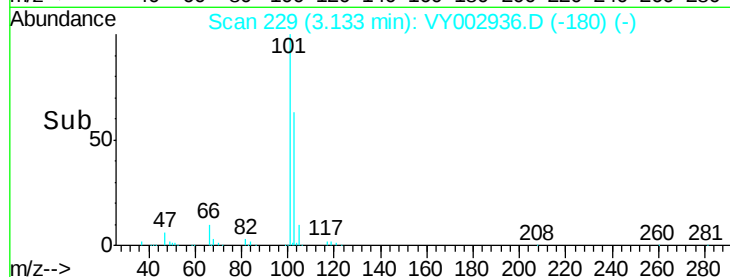
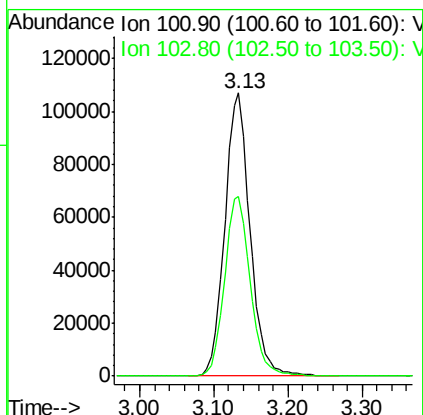
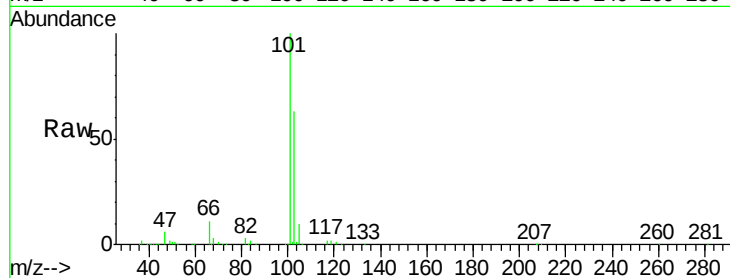


#7

Trichlorofluoromethane
Concen: 52.202 ug/l
RT: 3.13 min Scan# 229
Delta R.T. 0.00 min
Lab File: VY002936.D
Acq: 19 Jun 2020 14:01

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

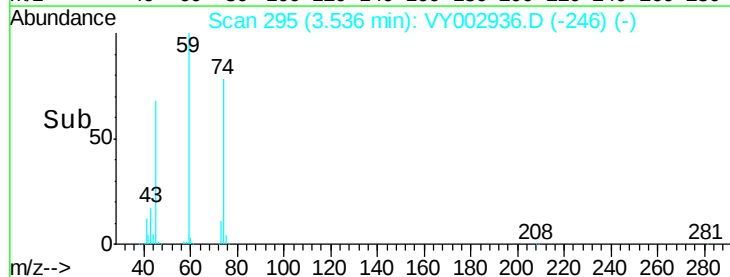
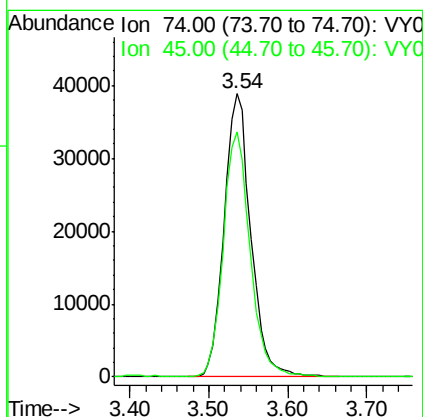
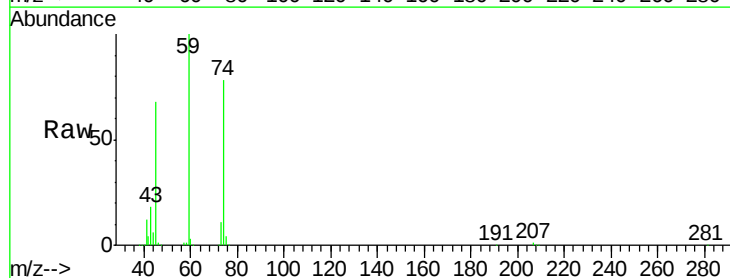
Tgt Ion: 101 Resp: 252592
Ion Ratio Lower Upper
101 100
103 63.3 50.6 76.0

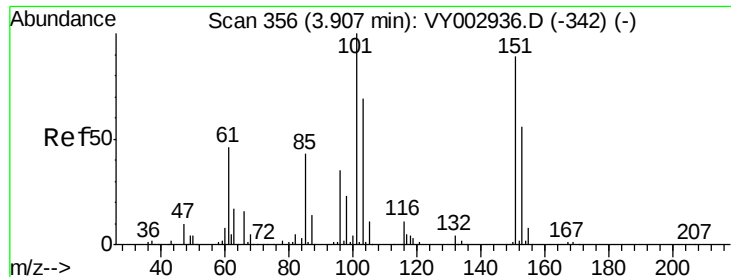


#8

Diethyl Ether
Concen: 52.795 ug/l
RT: 3.54 min Scan# 295
Delta R.T. 0.00 min
Lab File: VY002936.D
Acq: 19 Jun 2020 14:01

Tgt Ion: 74 Resp: 91596
Ion Ratio Lower Upper
74 100
45 87.4 43.7 131.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.831 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.00 min

Lab File: VY002936.D

Acq: 19 Jun 2020 14:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

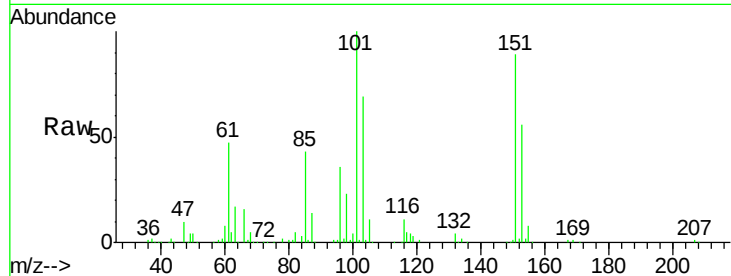
Tgt Ion:101 Resp: 151207

Ion Ratio Lower Upper

101 100

85 42.0 33.6 50.4

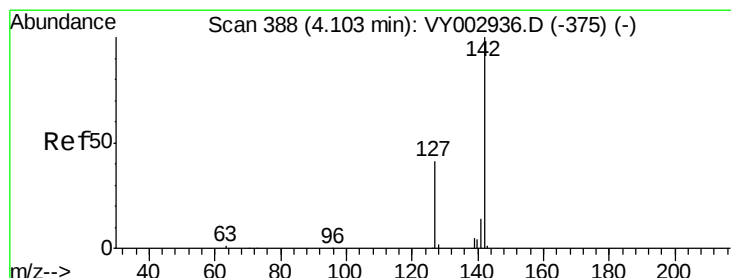
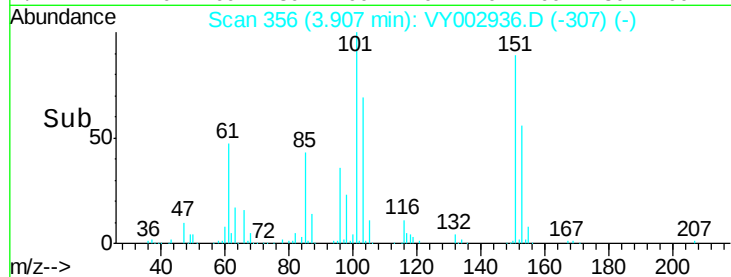
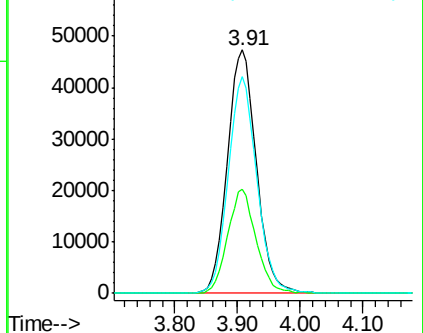
151 88.0 70.4 105.6



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: 59.194 ug/l

RT: 4.10 min Scan# 388

Delta R.T. 0.00 min

Lab File: VY002936.D

Acq: 19 Jun 2020 14:01

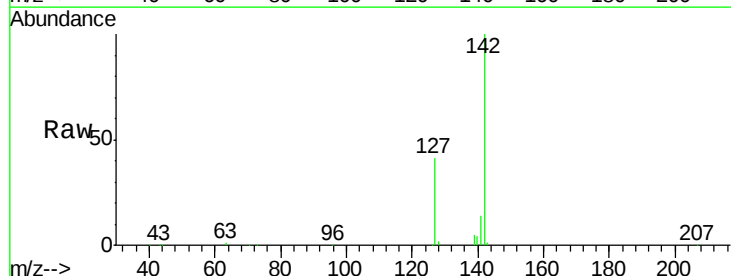
Tgt Ion:142 Resp: 228888

Ion Ratio Lower Upper

142 100

127 41.1 32.9 49.3

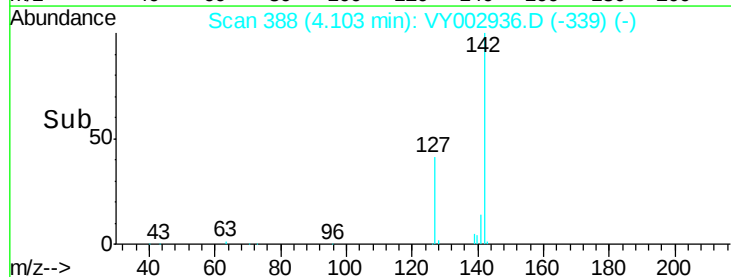
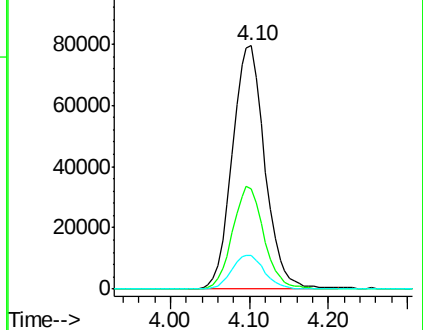
141 14.1 11.3 16.9

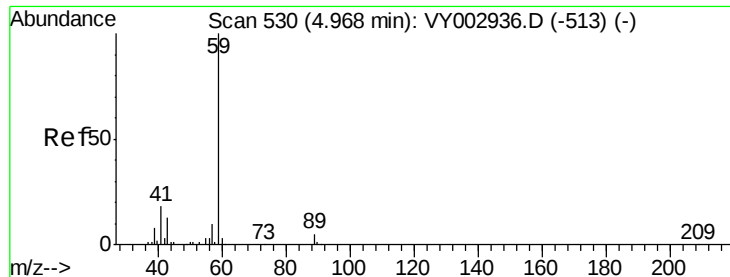


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

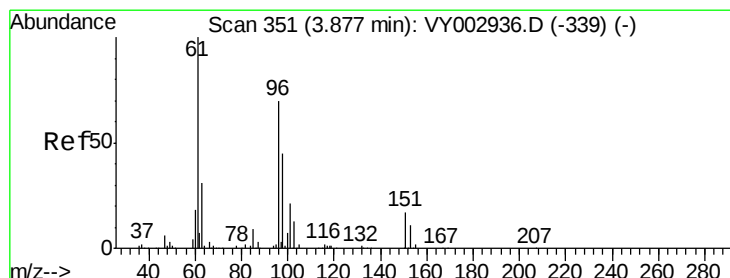
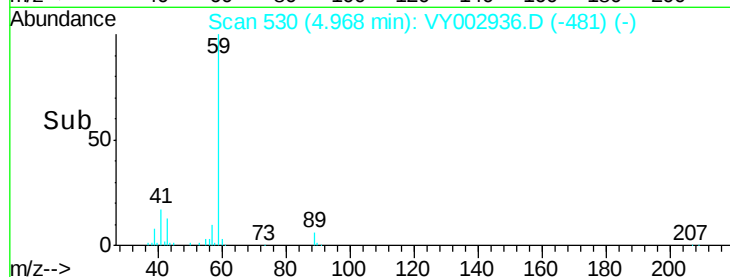
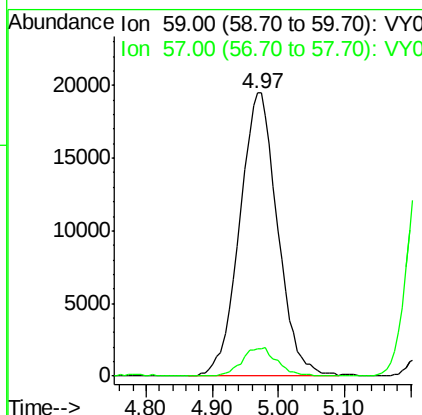
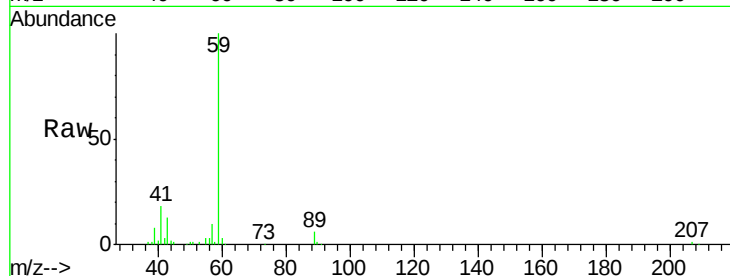




#11
Tert butyl alcohol
Concen: 209.604 ug/l
RT: 4.97 min Scan# 530
Delta R.T. 0.00 min
Lab File: VY002936.D
Acq: 19 Jun 2020 14:01

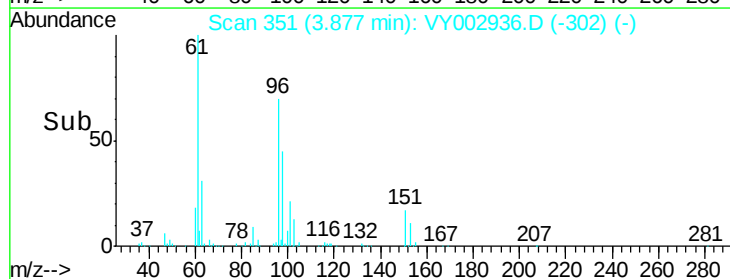
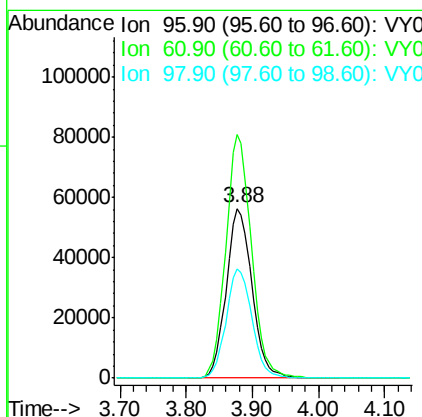
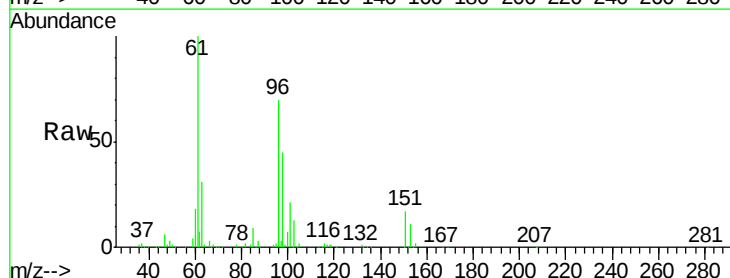
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

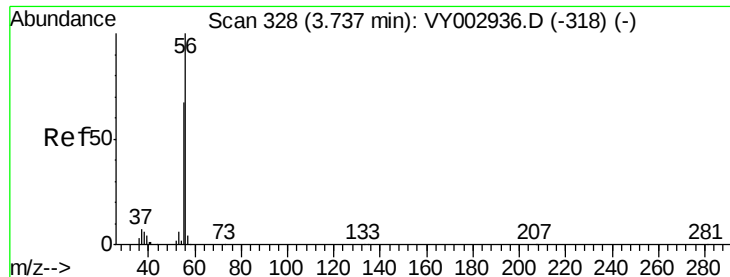
Tgt Ion: 59 Resp: 77609
Ion Ratio Lower Upper
59 100
57 9.3 7.4 11.2



#12
1,1-Dichloroethene
Concen: 52.857 ug/l
RT: 3.88 min Scan# 351
Delta R.T. 0.00 min
Lab File: VY002936.D
Acq: 19 Jun 2020 14:01

Tgt Ion: 96 Resp: 152024
Ion Ratio Lower Upper
96 100
61 143.3 114.6 172.0
98 64.2 51.4 77.0





#13

Acrolein

Concen: 281.248 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY002936.D

Acq: 19 Jun 2020 14:01

Instrument :

MSVOA_Y

ClientSampleId :

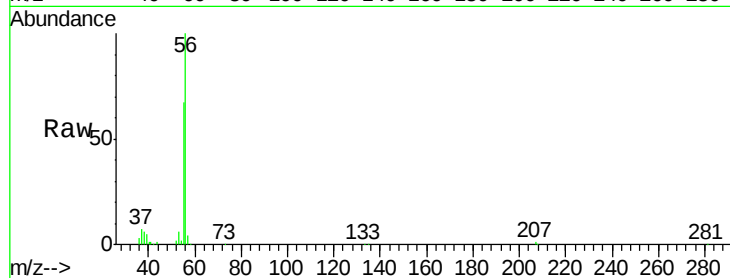
VSTDICCC050

Tgt Ion: 56 Resp: 78043

Ion Ratio Lower Upper

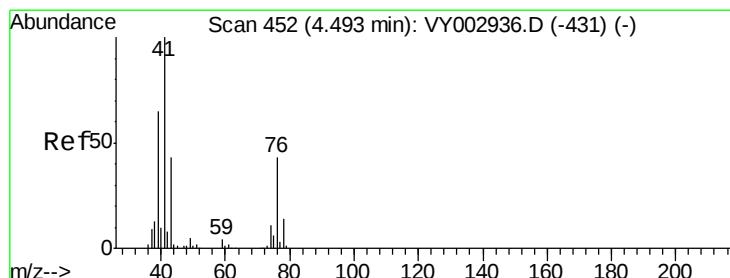
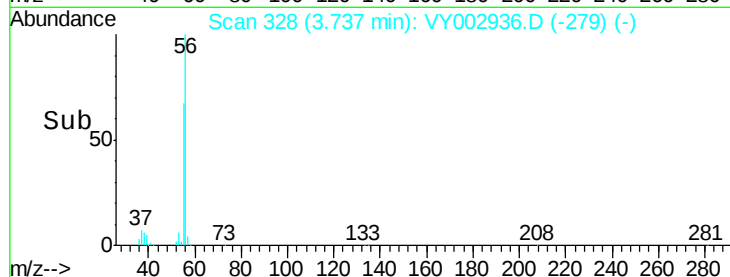
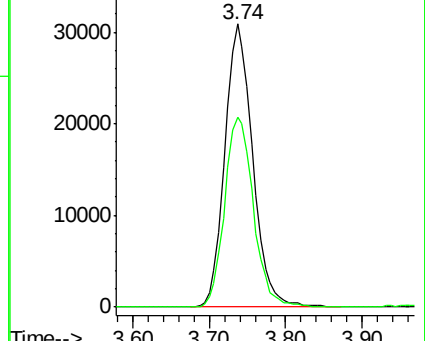
56 100

55 69.1 55.3 82.9



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 52.771 ug/l

RT: 4.49 min Scan# 452

Delta R.T. 0.00 min

Lab File: VY002936.D

Acq: 19 Jun 2020 14:01

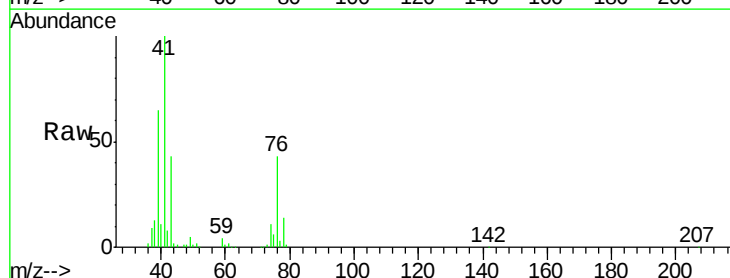
Tgt Ion: 41 Resp: 218538

Ion Ratio Lower Upper

41 100

39 62.5 50.0 75.0

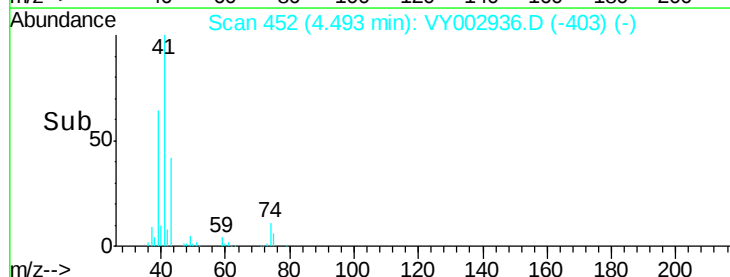
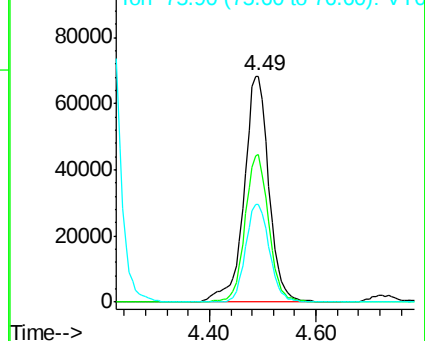
76 41.6 33.3 49.9

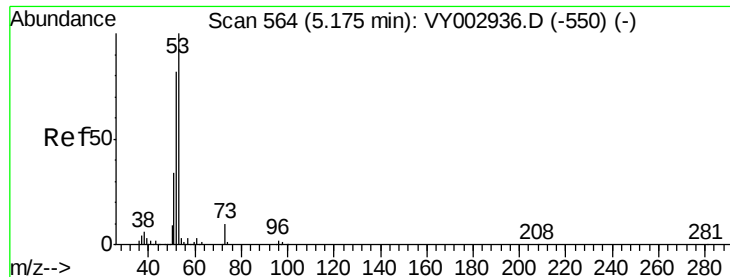


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 258.829 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY002936.D

Acq: 19 Jun 2020 14:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

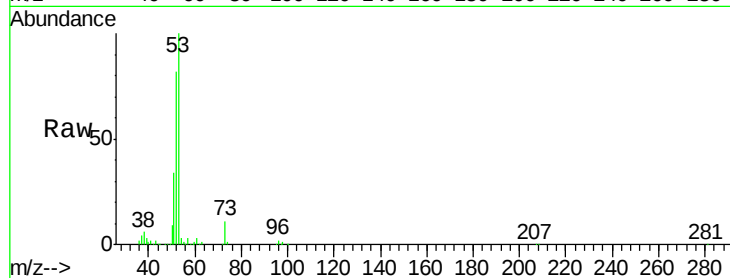
Tgt Ion: 53 Resp: 216582

Ion Ratio Lower Upper

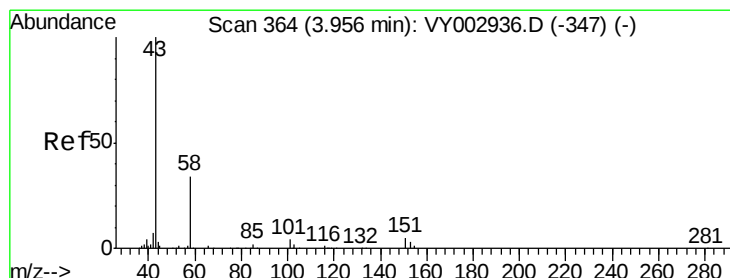
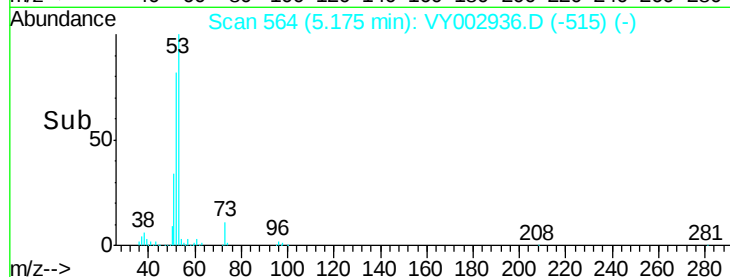
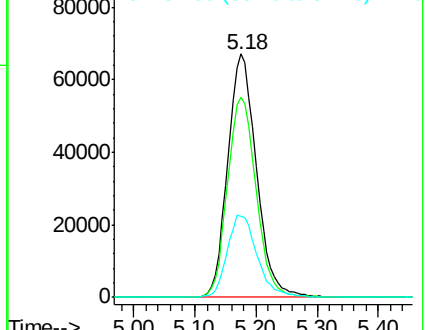
53 100

52 82.1 65.7 98.5

51 35.1 28.1 42.1



Abundance Ion 53.00 (52.70 to 53.70): VY0
Ion 52.00 (51.70 to 52.70): VY0
Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 269.917 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.00 min

Lab File: VY002936.D

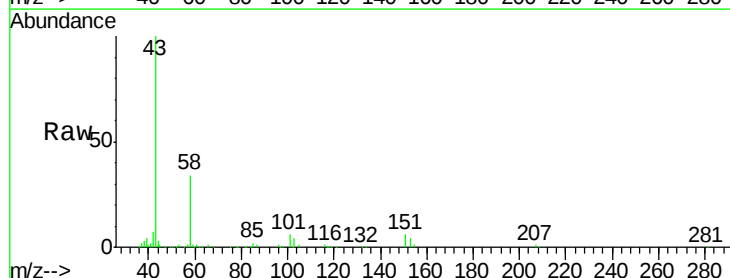
Acq: 19 Jun 2020 14:01

Tgt Ion: 43 Resp: 190812

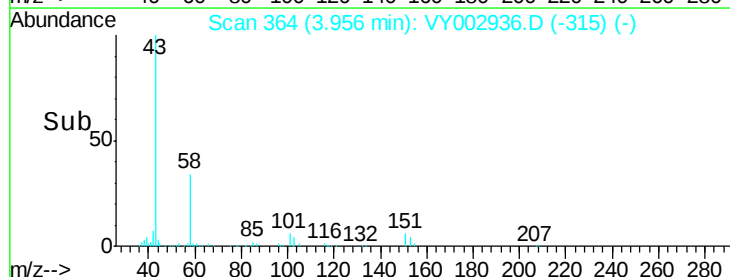
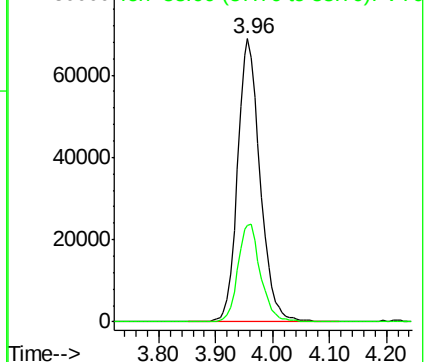
Ion Ratio Lower Upper

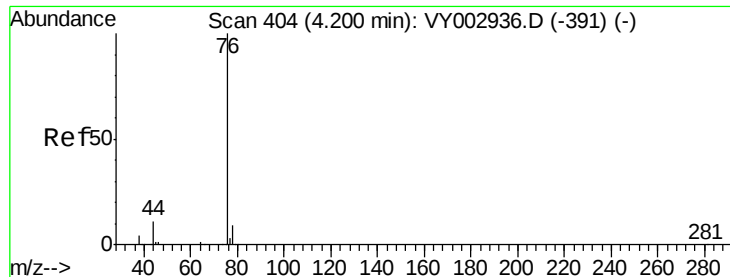
43 100

58 34.1 27.3 40.9



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

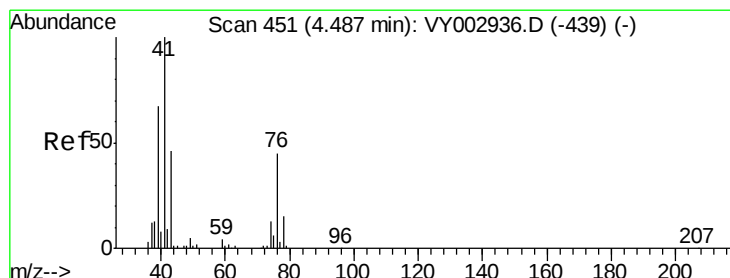
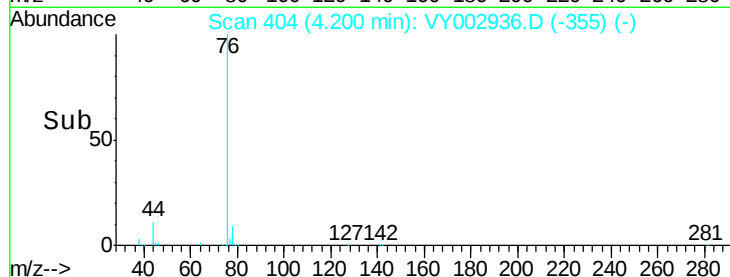
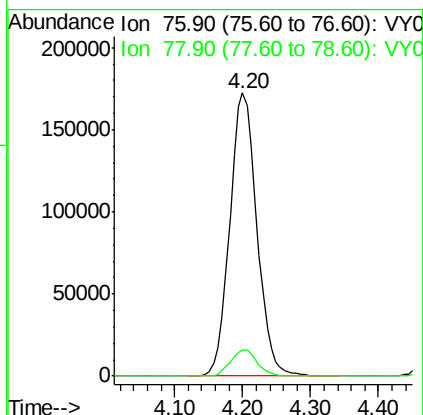
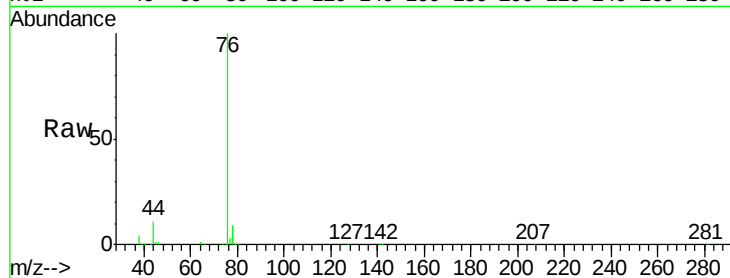




#17
Carbon Disulfide
Concen: 57.552 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.00 min
Lab File: VY002936.D
Acq: 19 Jun 2020 14:01

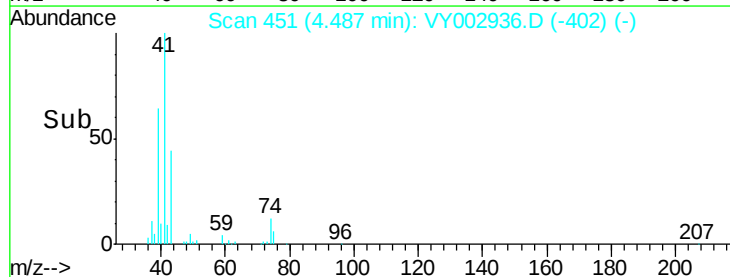
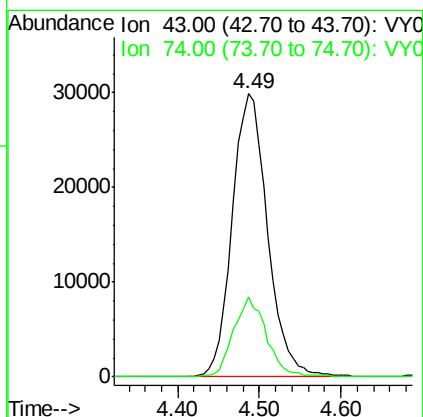
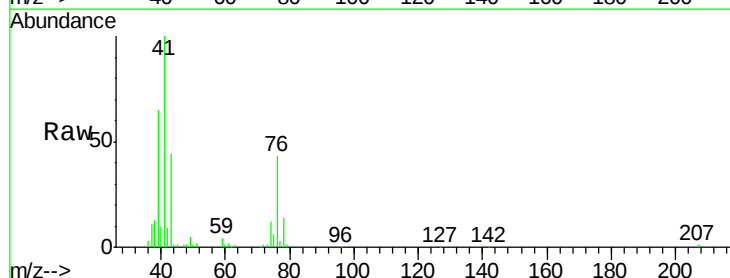
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

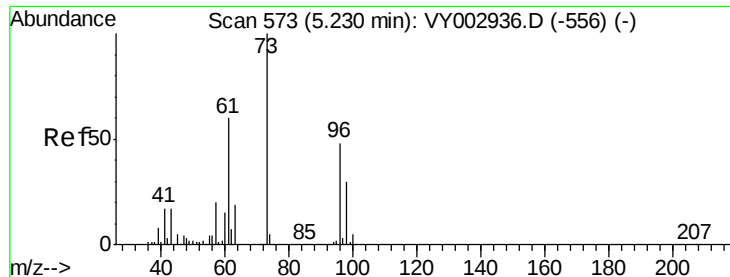
Tgt Ion: 76 Resp: 476394
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.2



#18
Methyl Acetate
Concen: 40.069 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.00 min
Lab File: VY002936.D
Acq: 19 Jun 2020 14:01

Tgt Ion: 43 Resp: 89829
Ion Ratio Lower Upper
43 100
74 26.4 21.1 31.7

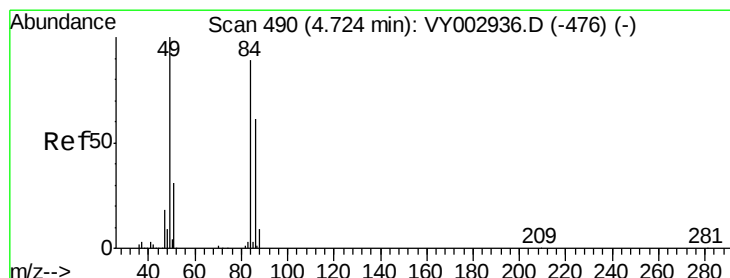
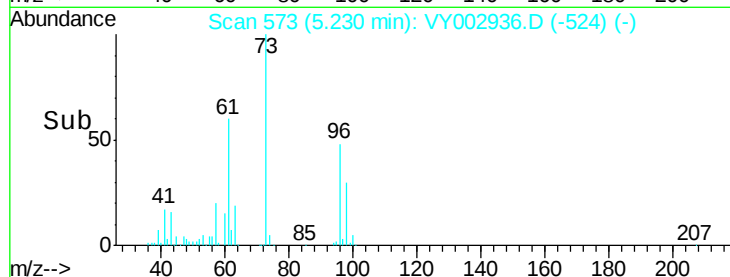
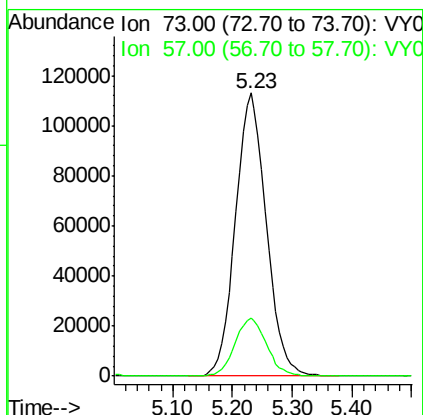
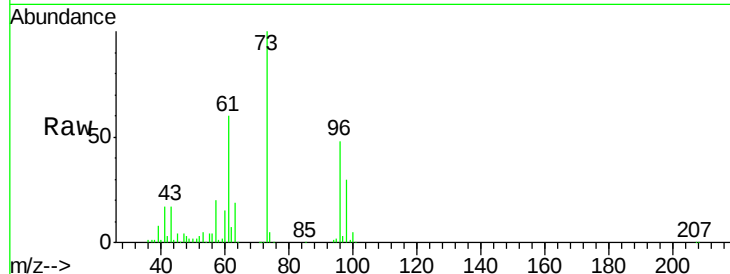




#19
Methyl tert-butyl Ether
Concen: 52.114 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.00 min
Lab File: VY002936.D
Acq: 19 Jun 2020 14:01

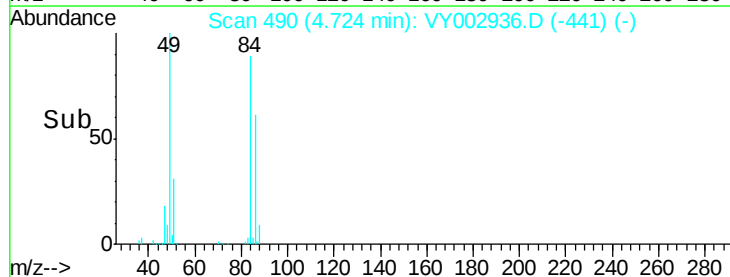
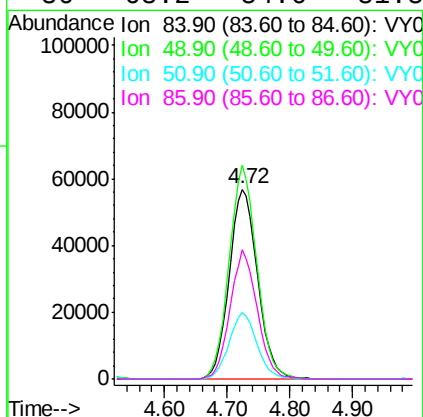
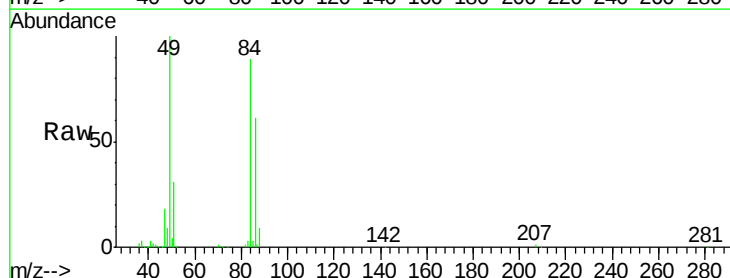
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

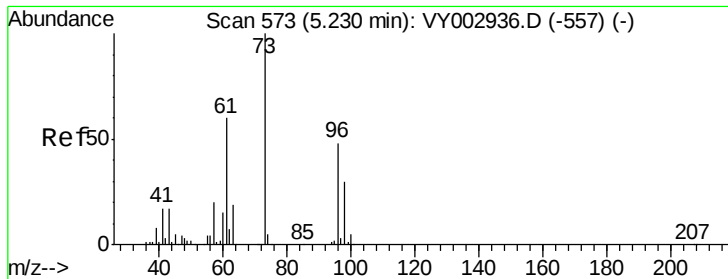
Tgt Ion: 73 Resp: 407930
Ion Ratio Lower Upper
73 100
57 20.5 16.4 24.6



#20
Methylene Chloride
Concen: 33.936 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY002936.D
Acq: 19 Jun 2020 14:01

Tgt Ion: 84 Resp: 177747
Ion Ratio Lower Upper
84 100
49 112.5 90.0 135.0
51 34.9 27.9 41.9
86 68.2 54.6 81.8





#21

trans-1,2-Dichloroethene

Concen: 52.989 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.00 min

Lab File: VY002936.D

Acq: 19 Jun 2020 14:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

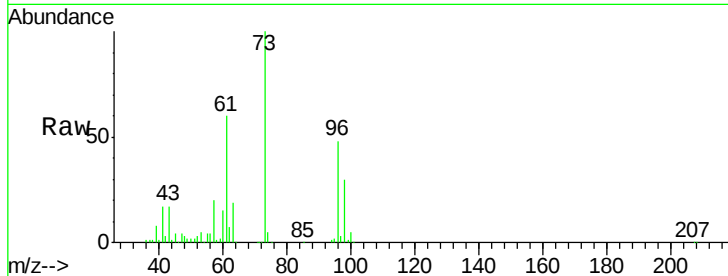
Tgt Ion: 96 Resp: 169304

Ion Ratio Lower Upper

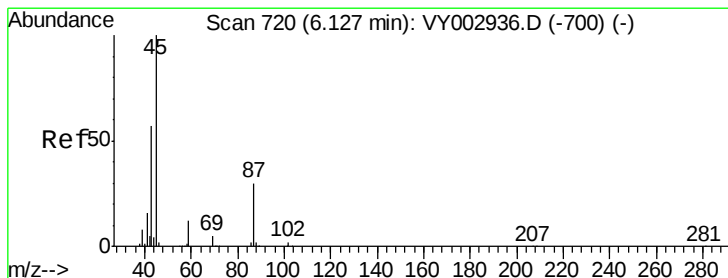
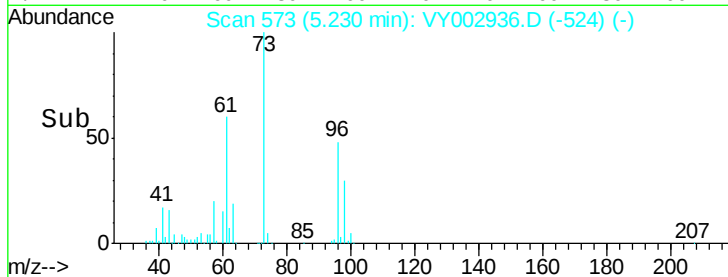
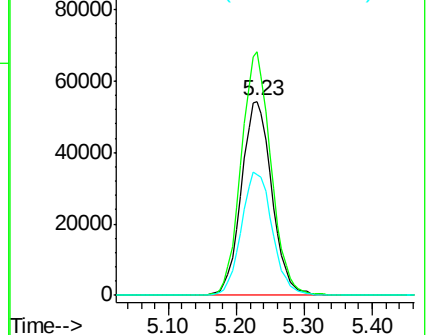
96 100

61 125.7 100.6 150.8

98 62.3 49.8 74.8



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



#22

Diisopropyl ether

Concen: 51.424 ug/l

RT: 6.13 min Scan# 720

Delta R.T. 0.00 min

Lab File: VY002936.D

Acq: 19 Jun 2020 14:01

Tgt Ion: 45 Resp: 440665

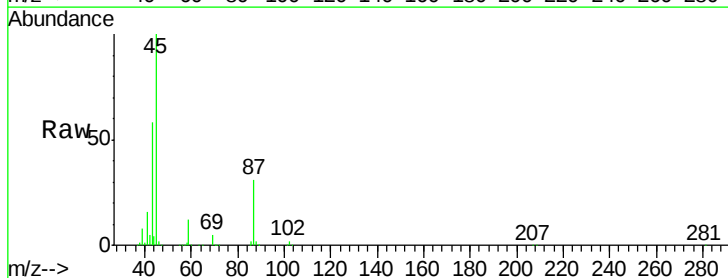
Ion Ratio Lower Upper

45 100

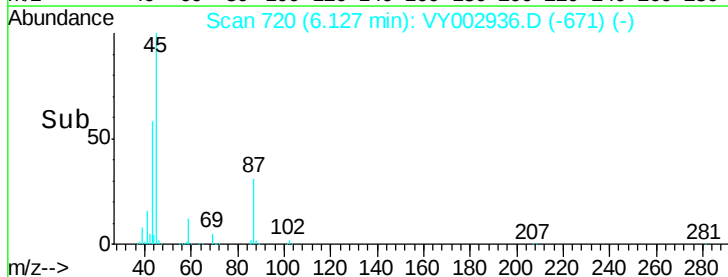
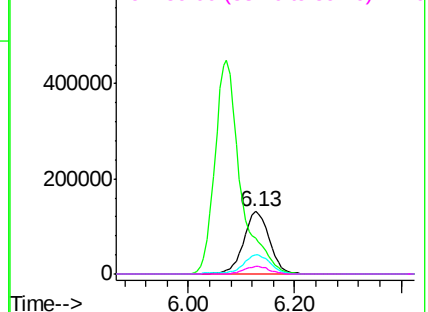
43 57.7 46.2 69.2

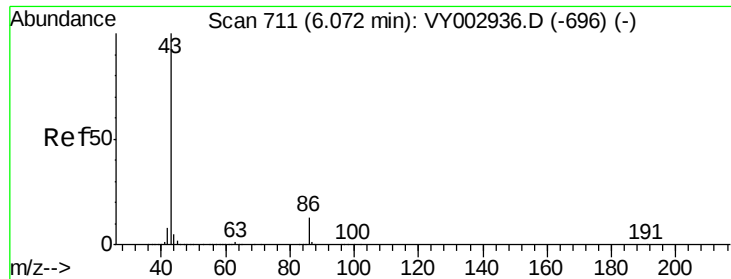
87 31.1 24.9 37.3

59 12.4 9.9 14.9



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

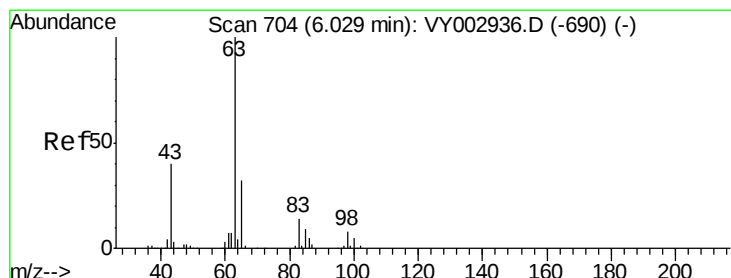
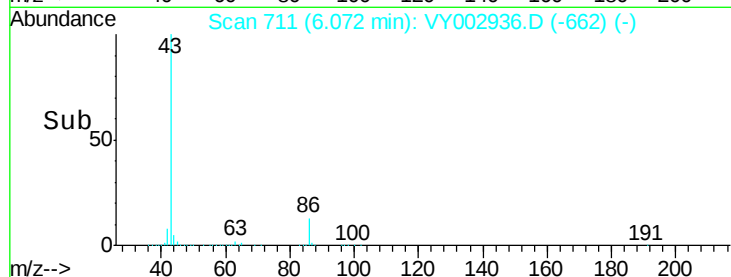
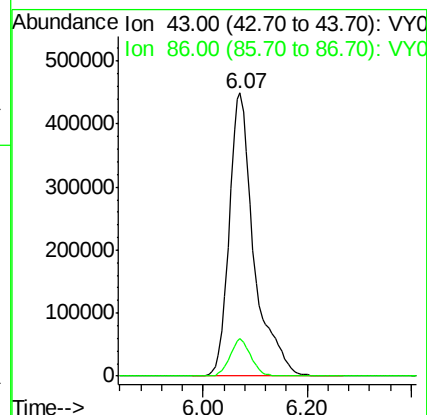
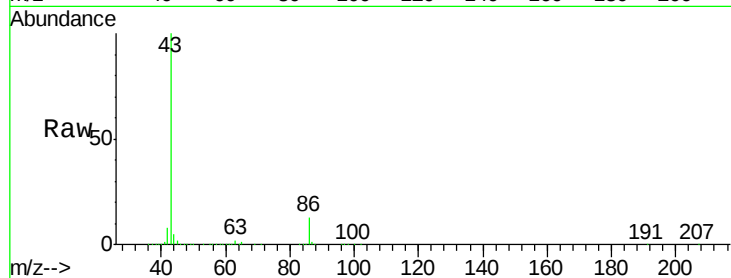




#23
 Vinyl Acetate
 Concen: 278.589 ug/l
 RT: 6.07 min Scan# 711
 Delta R.T. 0.00 min
 Lab File: VY002936.D
 Acq: 19 Jun 2020 14:01

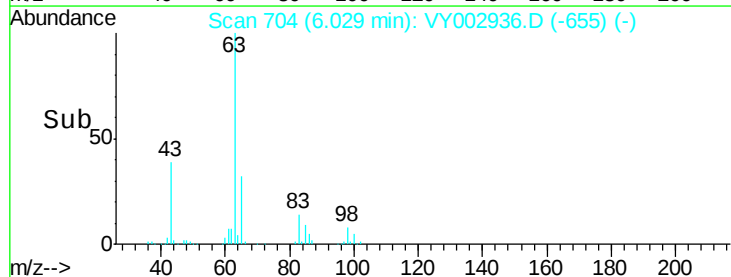
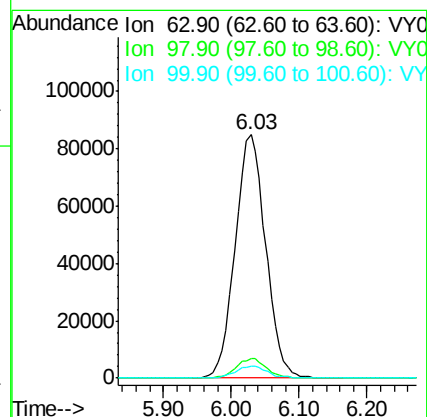
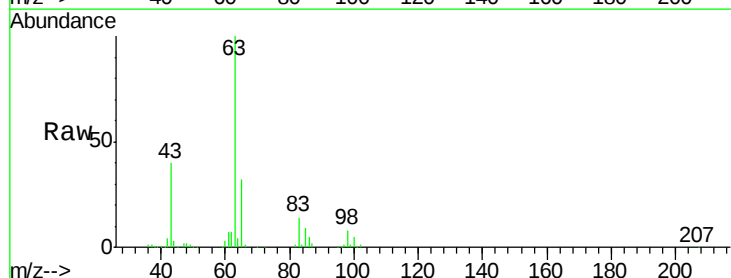
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

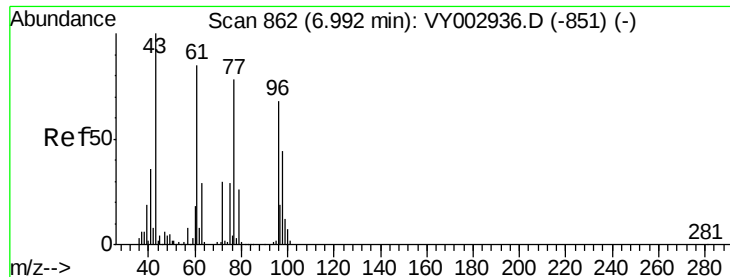
Tgt Ion: 43 Resp: 1497116
 Ion Ratio Lower Upper
 43 100
 86 13.2 10.6 15.8



#24
 1,1-Dichloroethane
 Concen: 52.404 ug/l
 RT: 6.03 min Scan# 704
 Delta R.T. 0.00 min
 Lab File: VY002936.D
 Acq: 19 Jun 2020 14:01

Tgt Ion: 63 Resp: 264466
 Ion Ratio Lower Upper
 63 100
 98 8.0 4.0 12.0
 100 5.1 2.5 7.6

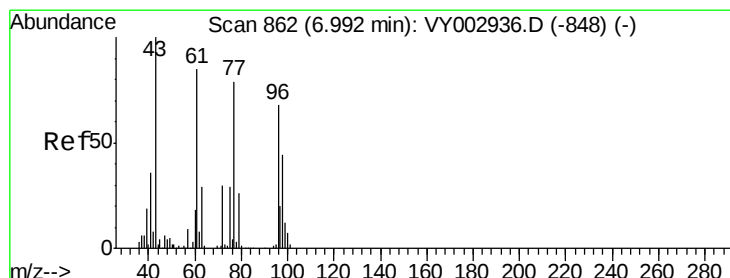
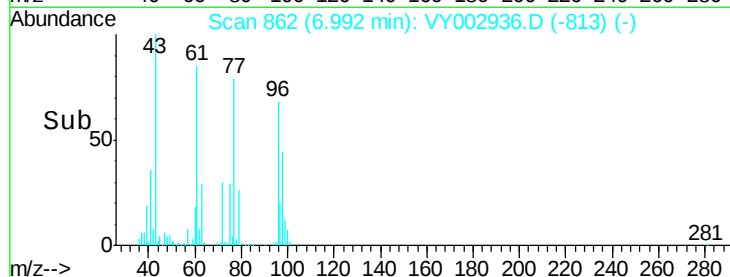
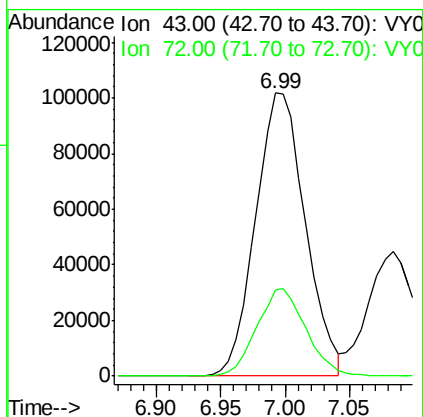
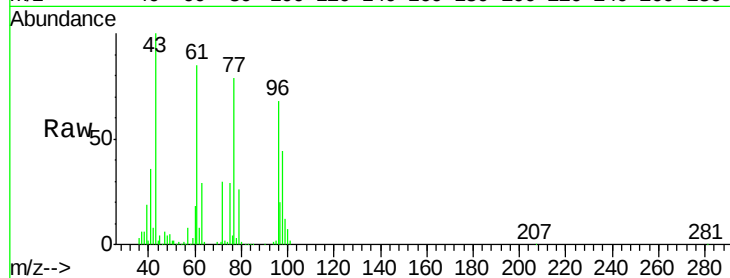




#25
2-Butanone
Concen: 256.832 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY002936.D
Acq: 19 Jun 2020 14:01

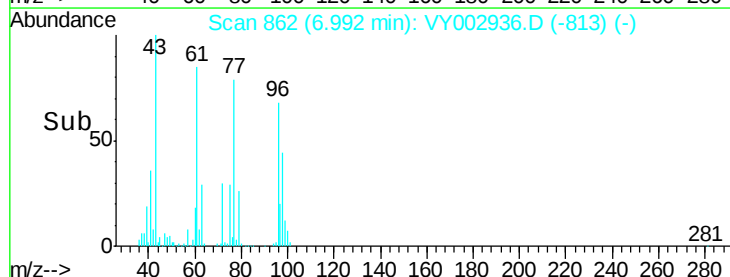
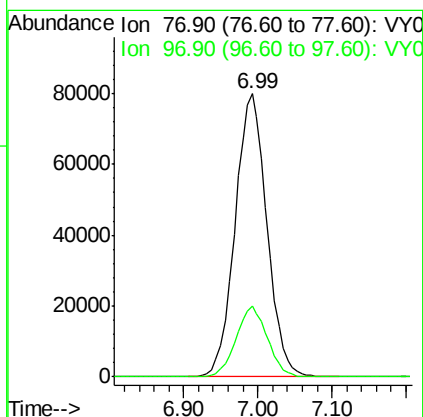
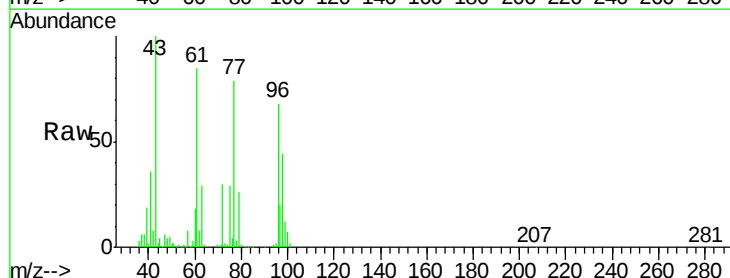
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

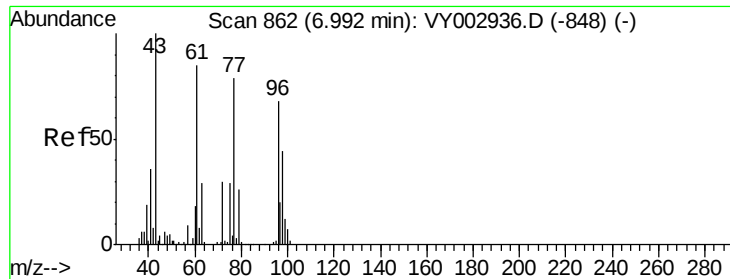
Tgt Ion: 43 Resp: 272777
Ion Ratio Lower Upper
43 100
72 30.3 24.2 36.4



#26
2,2-Dichloropropane
Concen: 49.687 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY002936.D
Acq: 19 Jun 2020 14:01

Tgt Ion: 77 Resp: 238155
Ion Ratio Lower Upper
77 100
97 24.6 12.3 36.9

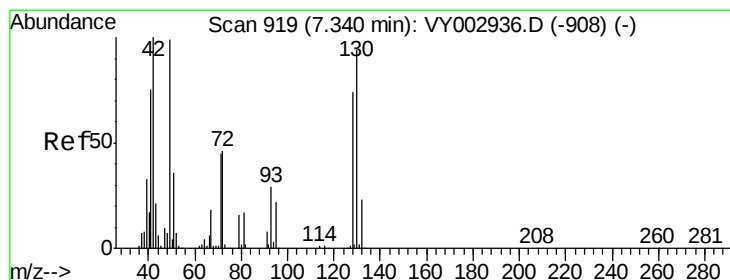
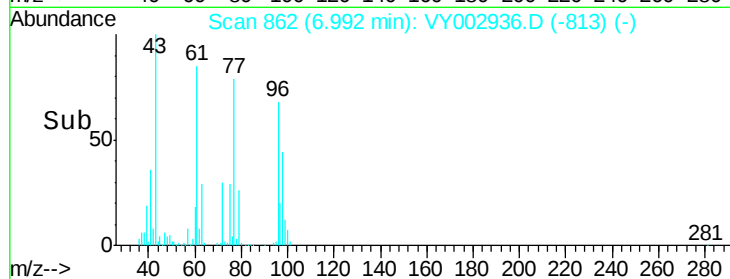
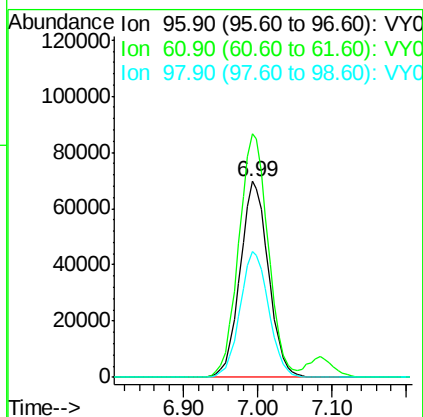
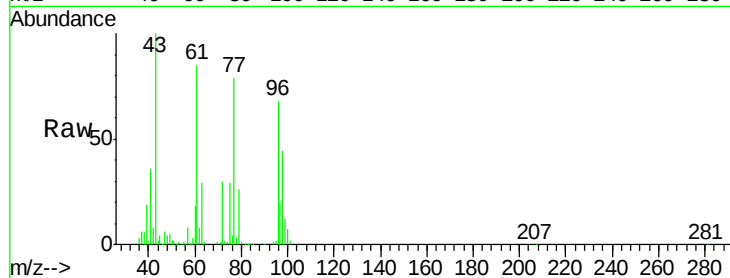




#27
 cis-1,2-Dichloroethene
 Concen: 51.970 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. 0.00 min
 Lab File: VY002936.D
 Acq: 19 Jun 2020 14:01

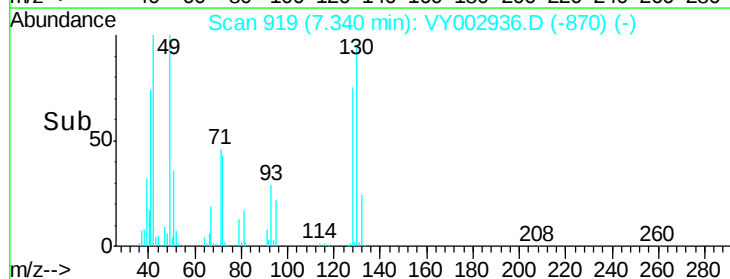
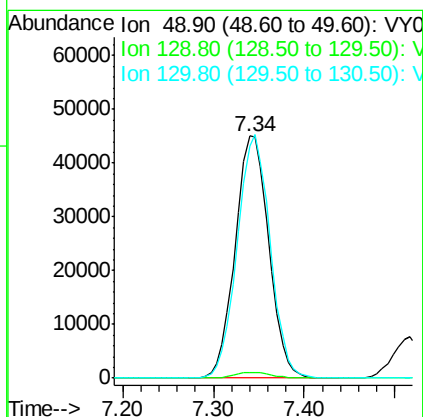
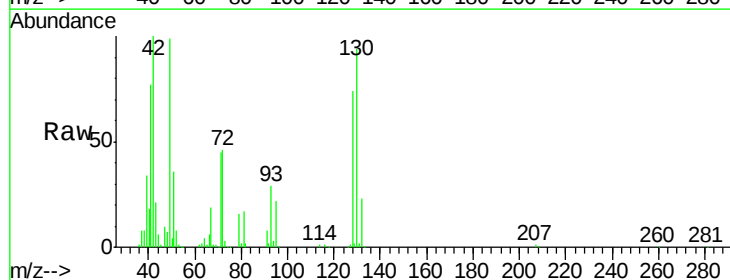
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

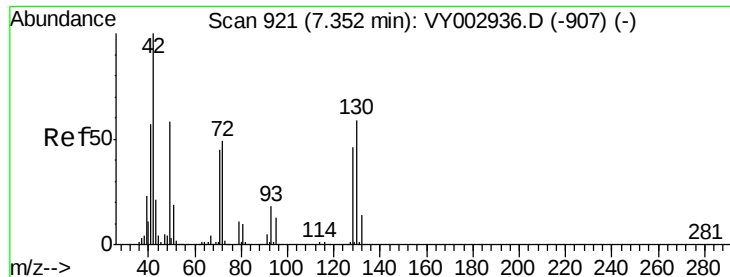
Tgt Ion: 96 Resp: 186263
 Ion Ratio Lower Upper
 96 100
 61 128.5 0.0 257.0
 98 64.9 0.0 129.8



#28
 Bromochloromethane
 Concen: 55.281 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: VY002936.D
 Acq: 19 Jun 2020 14:01

Tgt Ion: 49 Resp: 116003
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 5.0
 130 98.0 78.4 117.6





#29

Tetrahydrofuran

Concen: 258.451 ug/l

RT: 7.35 min Scan# 921

Delta R.T. 0.00 min

Lab File: VY002936.D

Acq: 19 Jun 2020 14:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

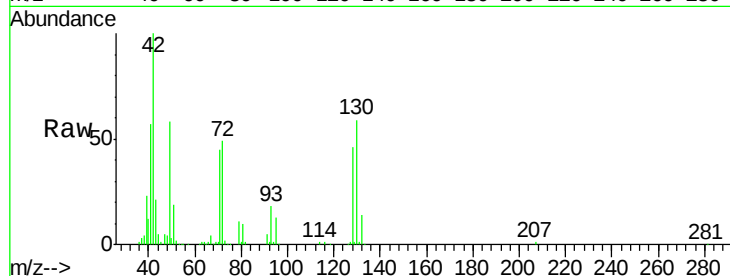
Tgt Ion: 42 Resp: 177012

Ion Ratio Lower Upper

42 100

72 48.9 39.1 58.7

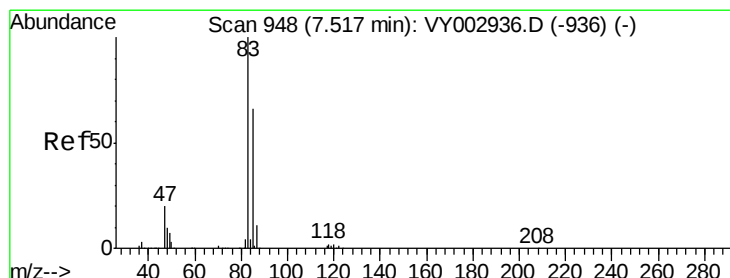
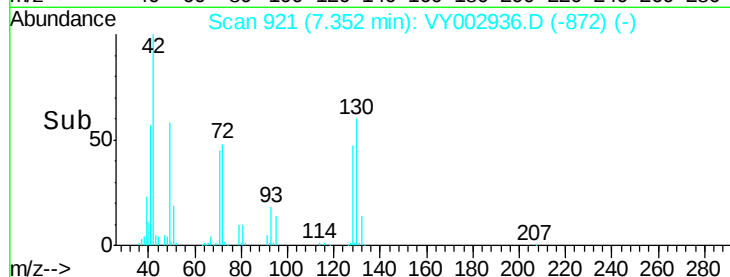
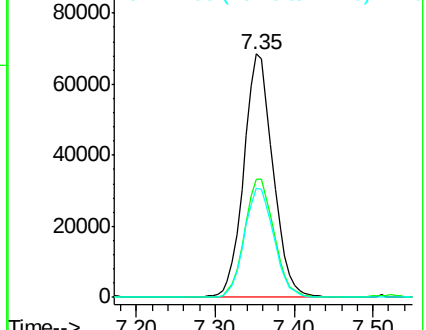
71 45.5 36.4 54.6



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: 51.832 ug/l

RT: 7.52 min Scan# 948

Delta R.T. 0.00 min

Lab File: VY002936.D

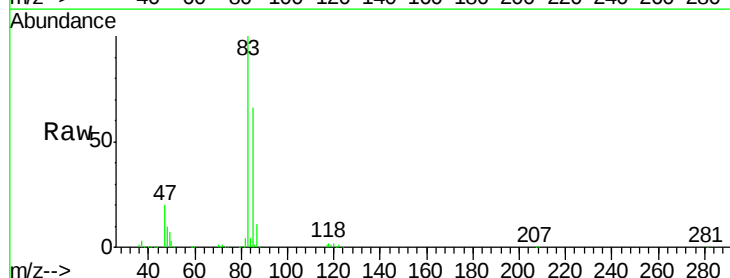
Acq: 19 Jun 2020 14:01

Tgt Ion: 83 Resp: 274153

Ion Ratio Lower Upper

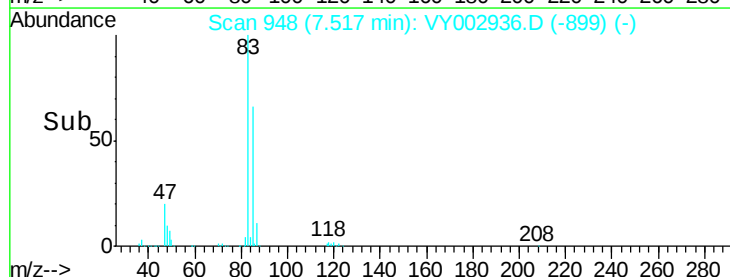
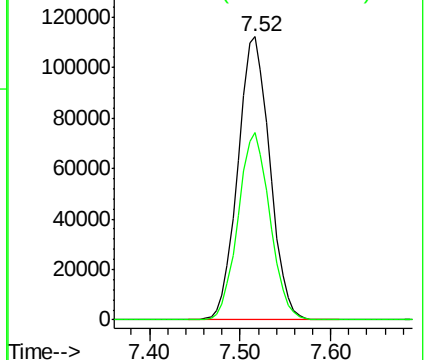
83 100

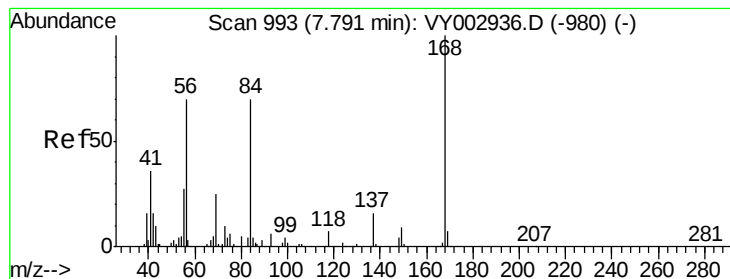
85 66.4 53.1 79.7



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 50.485 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY002936.D

Acq: 19 Jun 2020 14:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

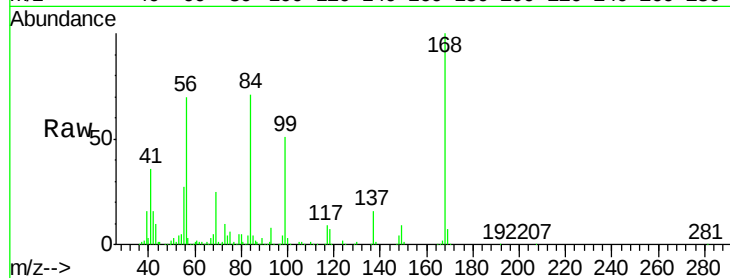
Tgt Ion: 56 Resp: 251628

Ion Ratio Lower Upper

56 100

69 36.1 28.9 43.3

84 100.1 80.1 120.1

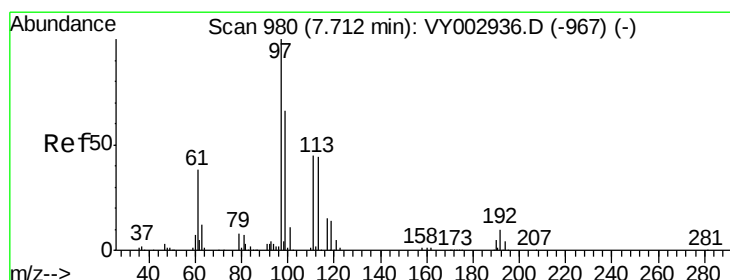
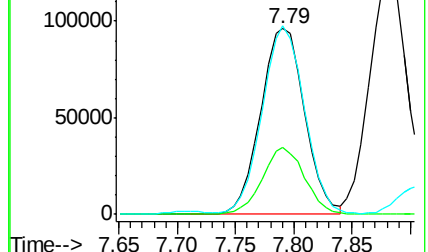
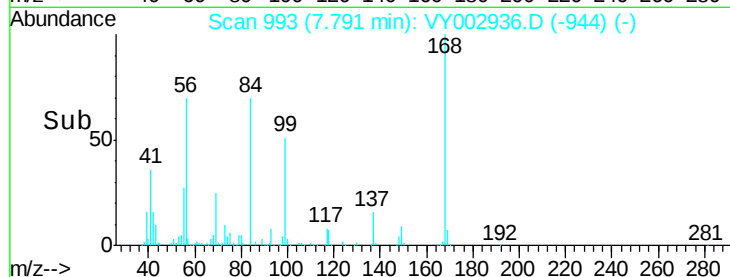


Abundance Ion 56.00 (55.70 to 56.70): VY002936.D (-980) (-)

Ion 69.00 (68.70 to 69.70): VY002936.D (-980) (-)

Ion 84.00 (83.70 to 84.70): VY002936.D (-980) (-)

Time-->



#32

1,1,1-Trichloroethane

Concen: 52.151 ug/l

RT: 7.71 min Scan# 980

Delta R.T. 0.00 min

Lab File: VY002936.D

Acq: 19 Jun 2020 14:01

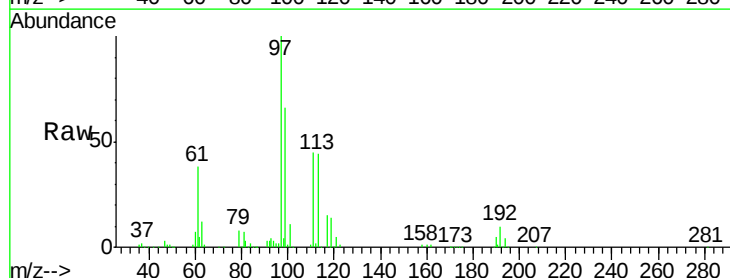
Tgt Ion: 97 Resp: 253000

Ion Ratio Lower Upper

97 100

99 65.2 52.2 78.2

61 37.9 30.3 45.5

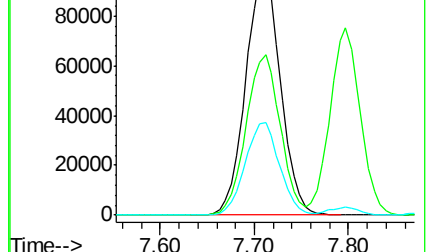
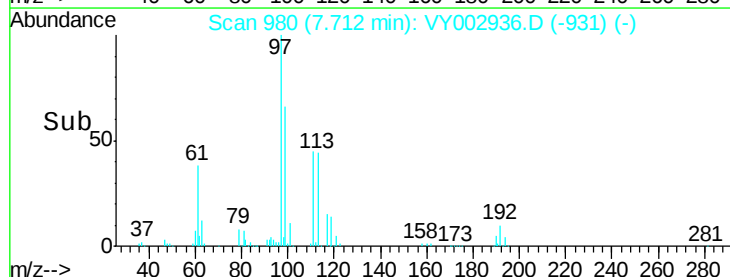


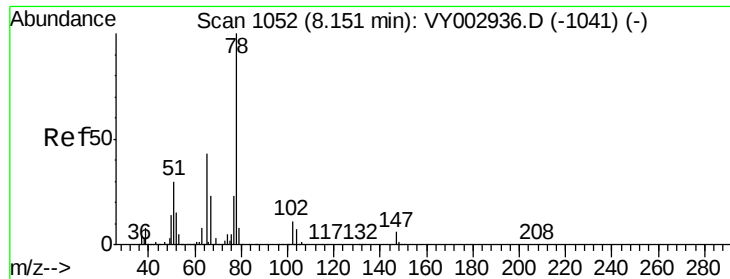
Abundance Ion 96.90 (96.60 to 97.60): VY002936.D (-967) (-)

Ion 98.90 (98.60 to 99.60): VY002936.D (-967) (-)

Ion 60.90 (60.60 to 61.60): VY002936.D (-967) (-)

Time-->

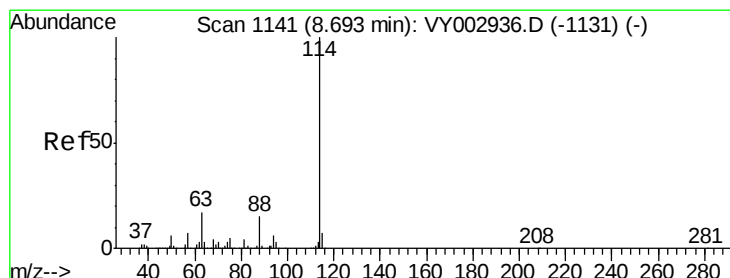
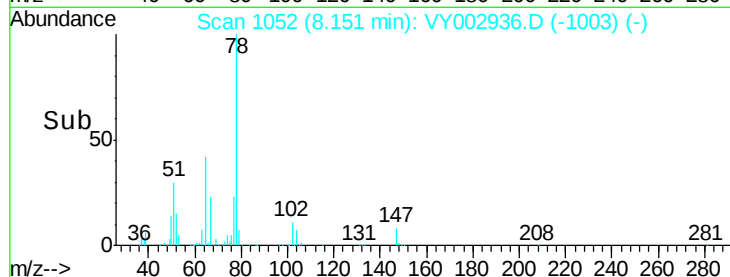
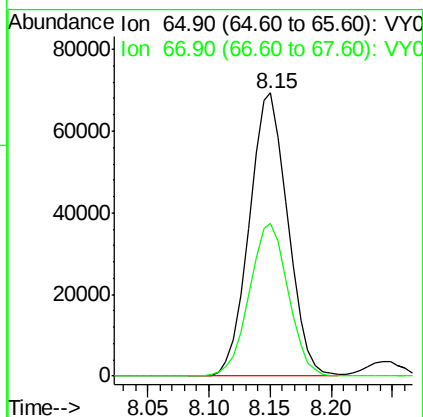
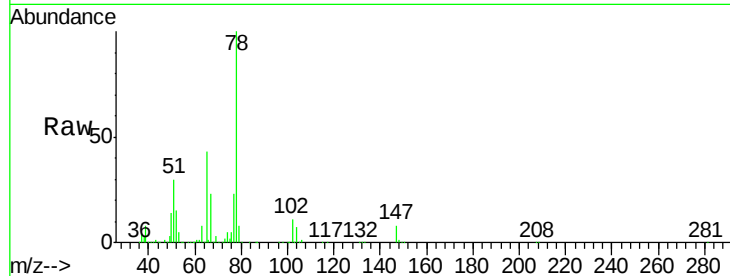




#33
 1,2-Dichloroethane-d4
 Concen: 52.478 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY002936.D
 Acq: 19 Jun 2020 14:01

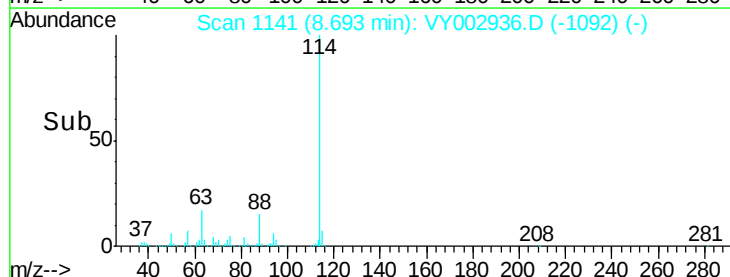
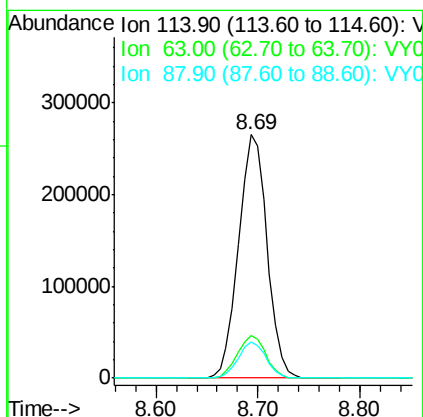
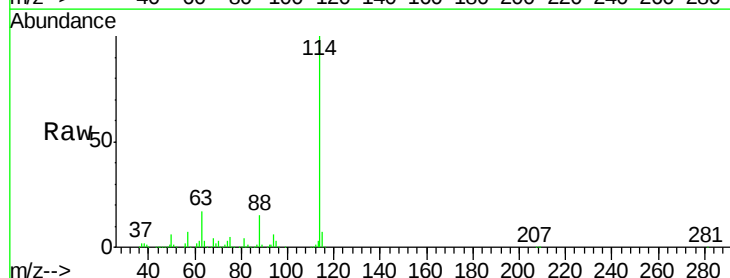
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

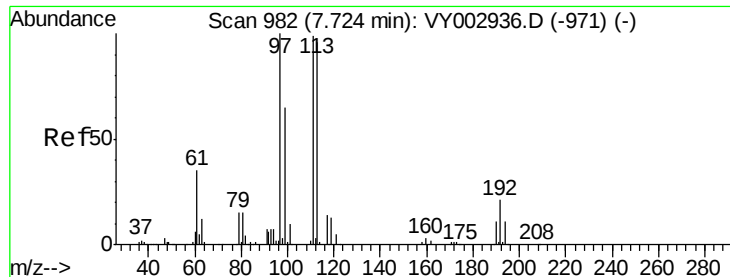
Tgt Ion: 65 Resp: 151432
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002936.D
 Acq: 19 Jun 2020 14:01

Tgt Ion: 114 Resp: 513577
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 34.6
 88 14.6 0.0 29.2

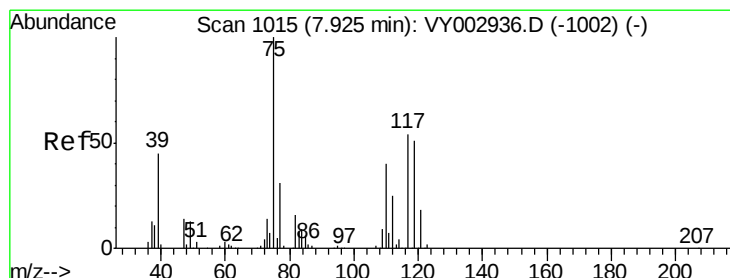
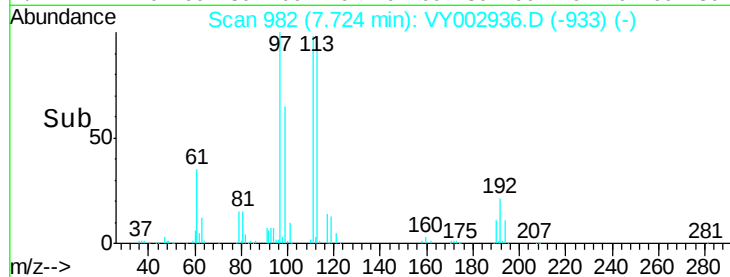
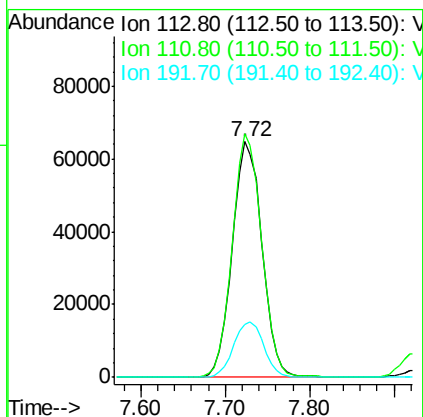
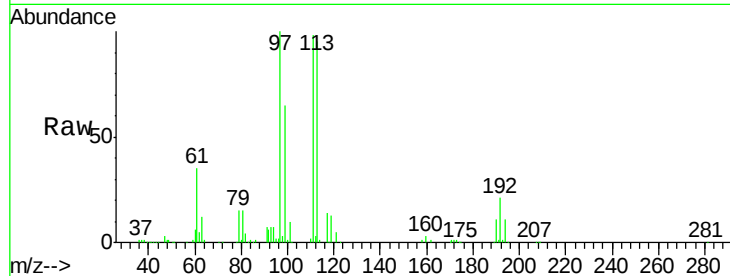




#35
Dibromofluoromethane
Concen: 52.456 ug/l
RT: 7.72 min Scan# 982
Delta R.T. 0.00 min
Lab File: VY002936.D
Acq: 19 Jun 2020 14:01

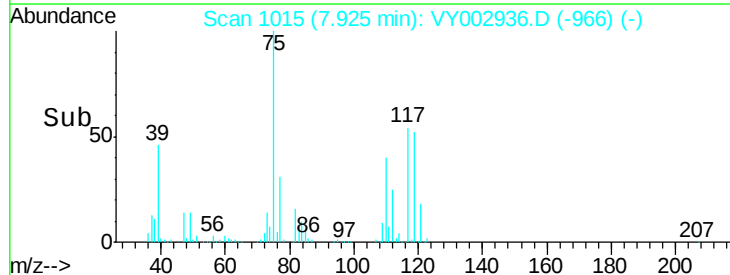
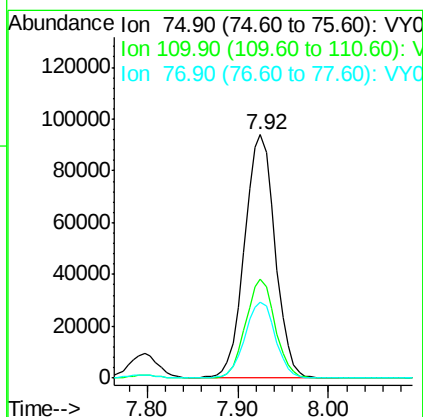
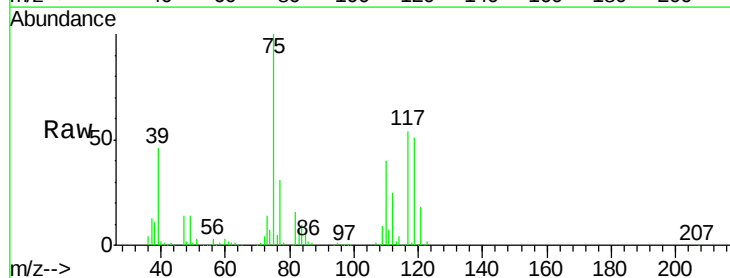
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

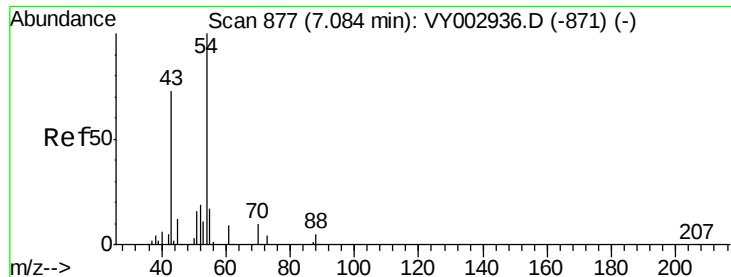
Tgt Ion:113 Resp: 154193
Ion Ratio Lower Upper
113 100
111 101.9 81.5 122.3
192 24.0 19.2 28.8



#36
1,1-Dichloropropene
Concen: 52.595 ug/l
RT: 7.92 min Scan# 1015
Delta R.T. 0.00 min
Lab File: VY002936.D
Acq: 19 Jun 2020 14:01

Tgt Ion: 75 Resp: 218881
Ion Ratio Lower Upper
75 100
110 39.3 19.7 59.0
77 31.2 25.0 37.4

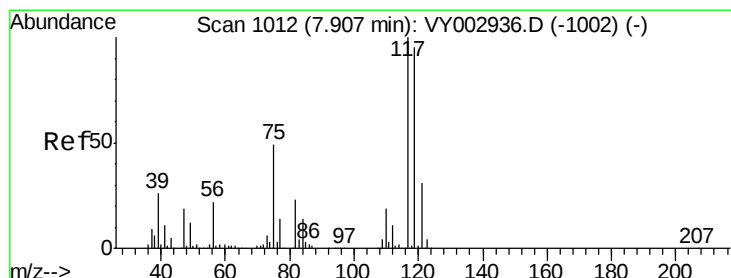
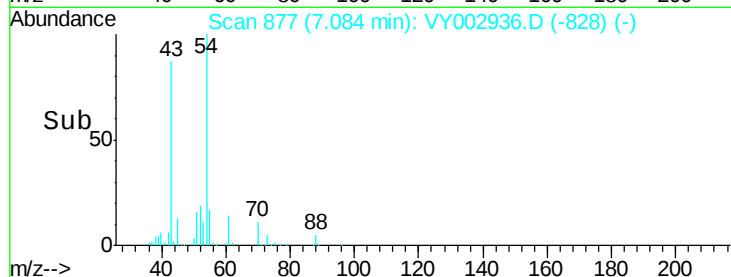
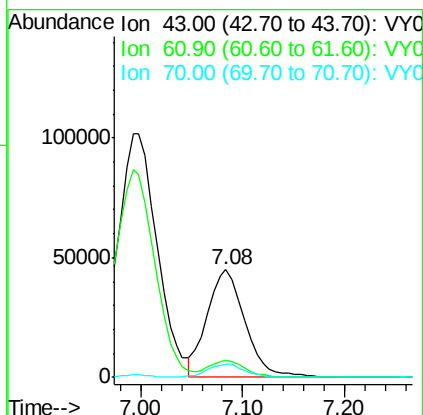
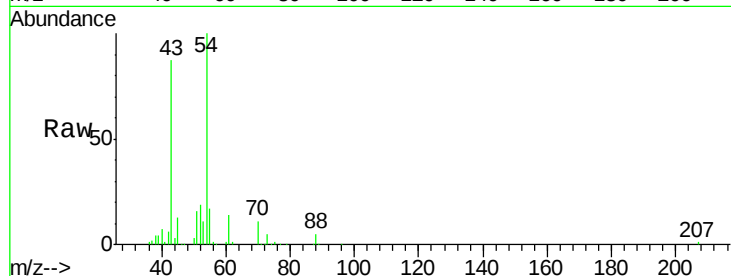




#37
Ethyl Acetate
Concen: 49.660 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.00 min
Lab File: VY002936.D
Acq: 19 Jun 2020 14:01

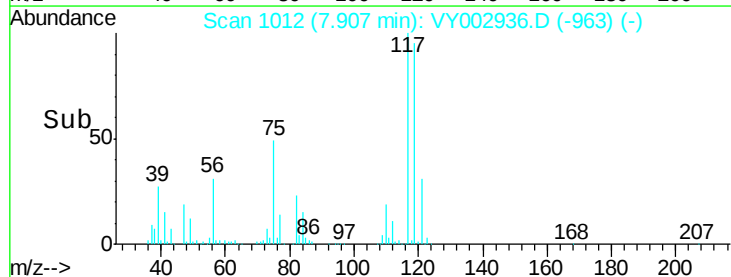
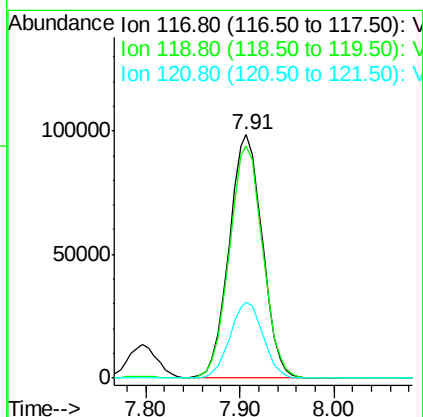
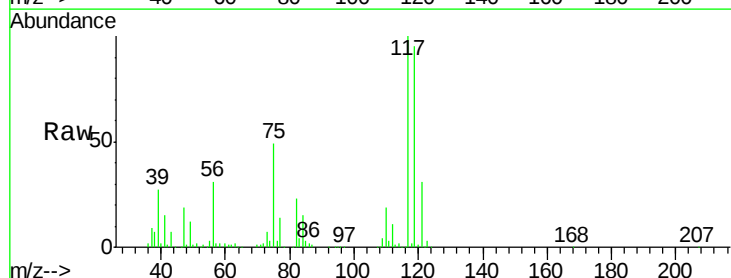
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

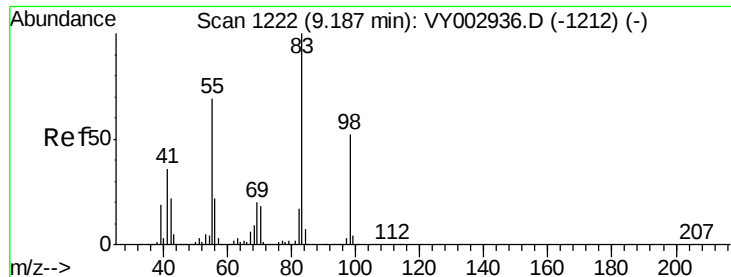
Tgt Ion: 43 Resp: 116188
Ion Ratio Lower Upper
43 100
61 15.4 12.3 18.5
70 12.1 9.7 14.5



#38
Carbon Tetrachloride
Concen: 52.811 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY002936.D
Acq: 19 Jun 2020 14:01

Tgt Ion: 117 Resp: 241519
Ion Ratio Lower Upper
117 100
119 95.1 76.1 114.1
121 31.0 24.8 37.2

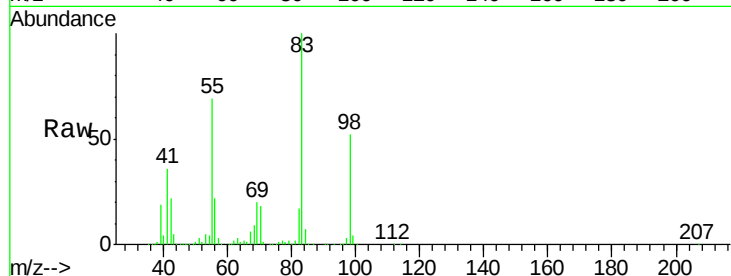




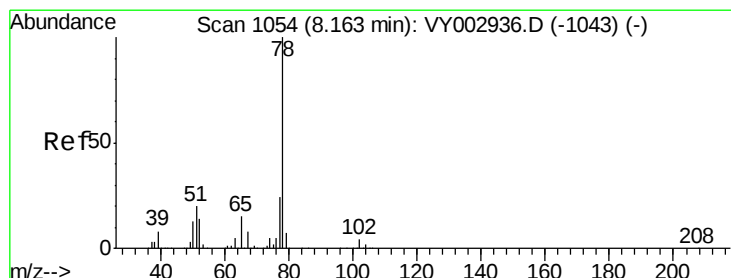
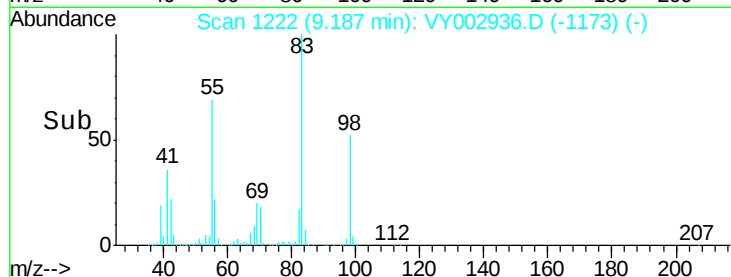
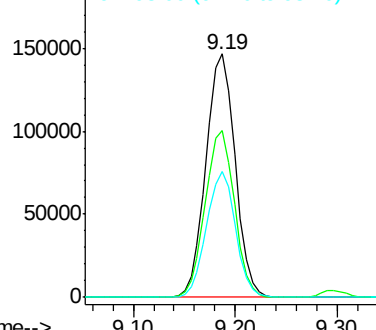
#39
Methylcyclohexane
Concen: 53.617 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY002936.D
Acq: 19 Jun 2020 14:01

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 290898
Ion Ratio Lower Upper
83 100
55 68.7 55.0 82.4
98 51.8 41.4 62.2

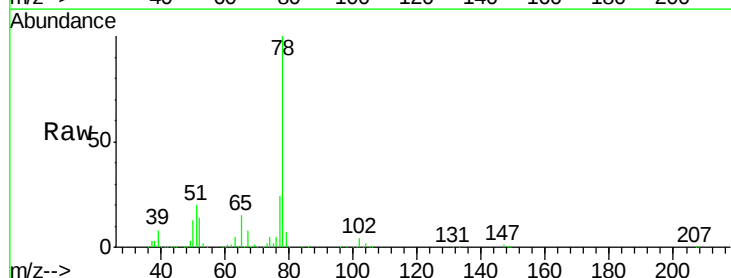


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

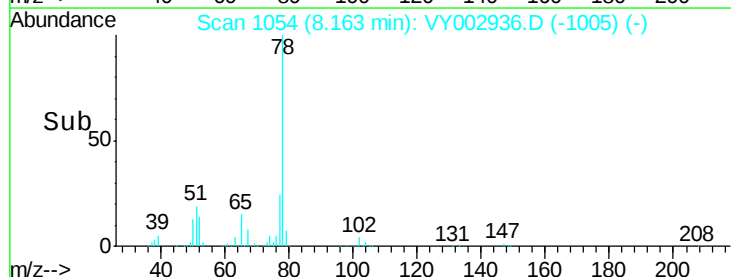
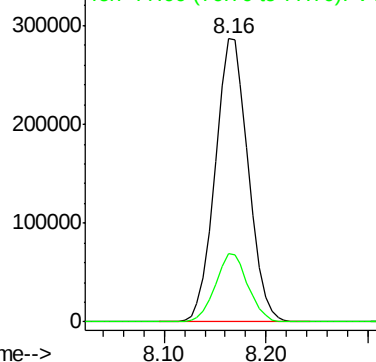


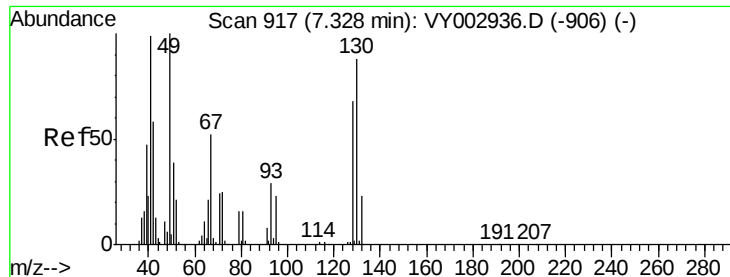
#40
Benzene
Concen: 51.783 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VY002936.D
Acq: 19 Jun 2020 14:01

Tgt Ion: 78 Resp: 644151
Ion Ratio Lower Upper
78 100
77 24.1 19.3 28.9



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

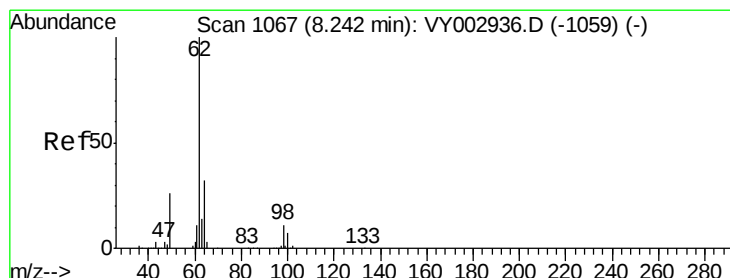
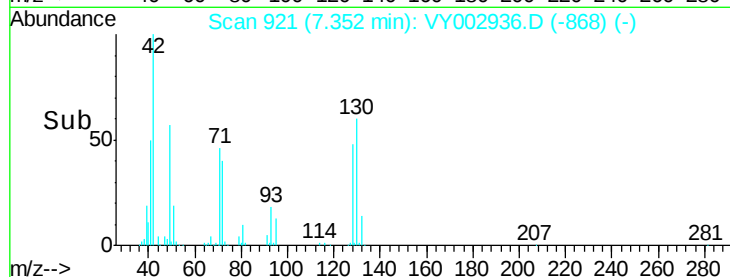
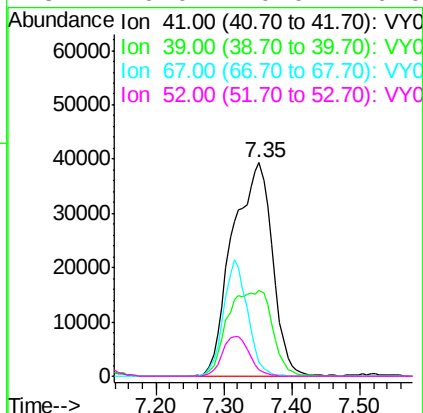
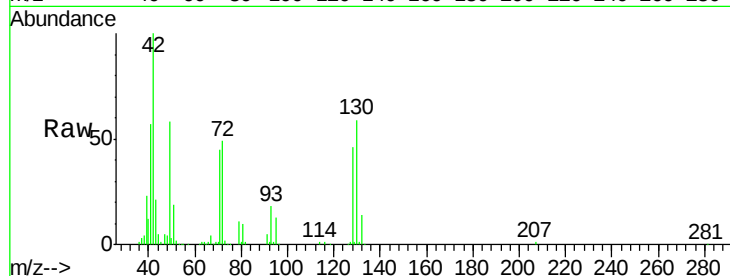




#41
Methacrylonitrile
Concen: 76.119 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.02 min
Lab File: VY002936.D
Acq: 19 Jun 2020 14:01

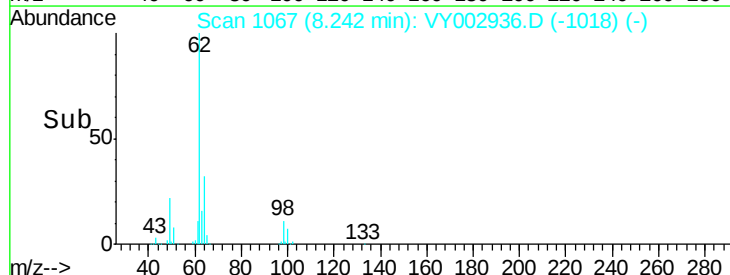
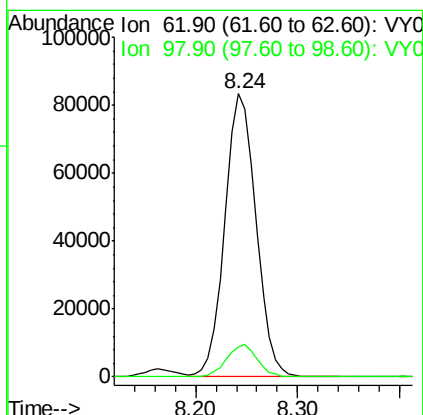
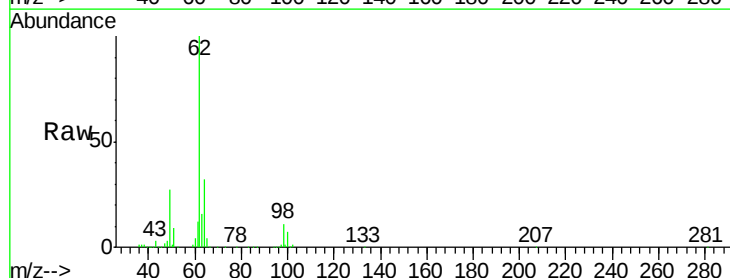
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

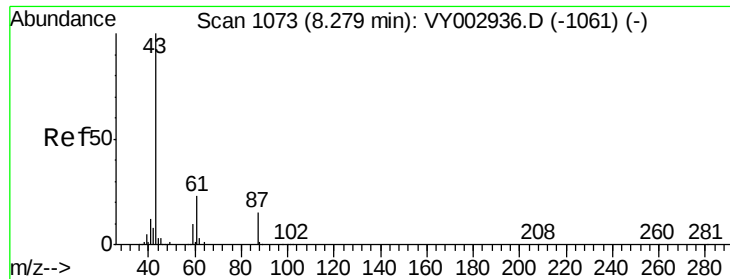
Tgt Ion: 41 Resp: 161058
Ion Ratio Lower Upper
41 100
39 44.6 96.6 144.8#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 51.127 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY002936.D
Acq: 19 Jun 2020 14:01

Tgt Ion: 62 Resp: 176866
Ion Ratio Lower Upper
62 100
98 11.3 0.0 22.6





#43

Isopropyl Acetate

Concen: 51.900 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VY002936.D

Acq: 19 Jun 2020 14:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

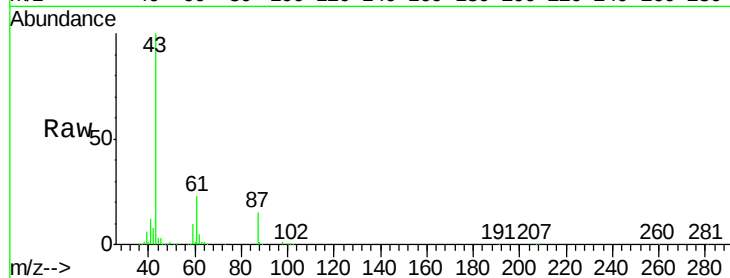
Tgt Ion: 43 Resp: 222452

Ion Ratio Lower Upper

43 100

61 31.2 25.0 37.4

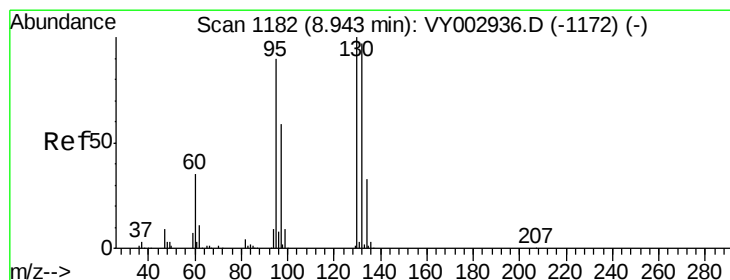
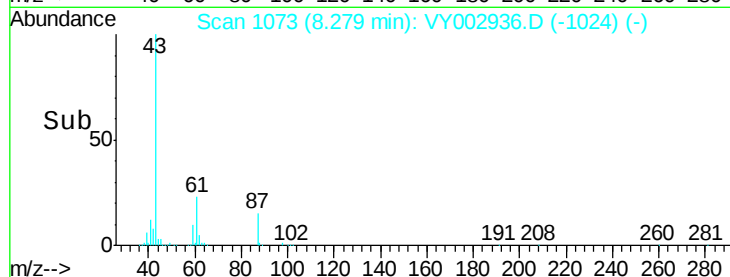
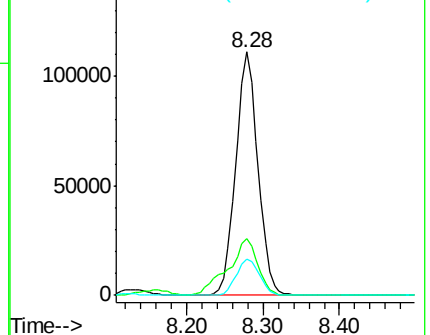
87 15.7 12.6 18.8



Abundance Ion 43.00 (42.70 to 43.70): VY002936.D (-1061) (-)

Ion 61.00 (60.70 to 61.70): VY002936.D (-1061) (-)

Ion 87.00 (86.70 to 87.70): VY002936.D (-1061) (-)



#44

Trichloroethene

Concen: 51.931 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VY002936.D

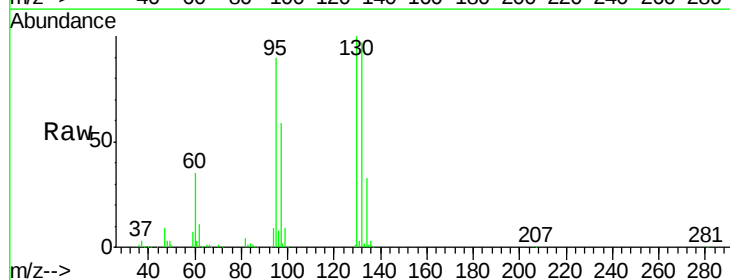
Acq: 19 Jun 2020 14:01

Tgt Ion: 130 Resp: 200734

Ion Ratio Lower Upper

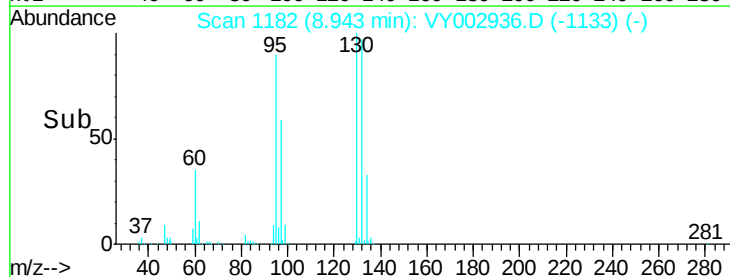
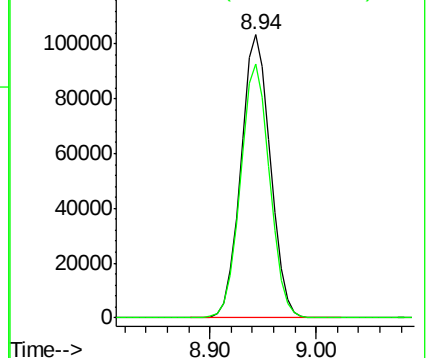
130 100

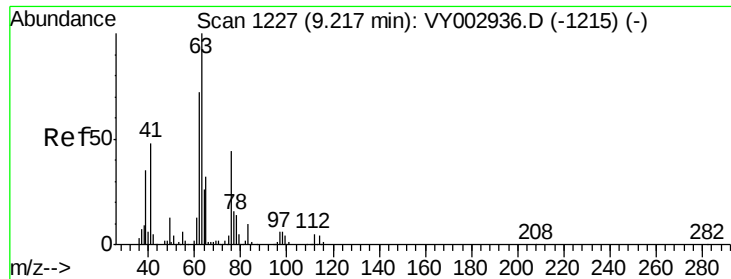
95 89.8 0.0 179.6



Abundance Ion 129.80 (129.50 to 130.50): VY002936.D (-1172) (-)

Ion 94.90 (94.60 to 95.60): VY002936.D (-1172) (-)

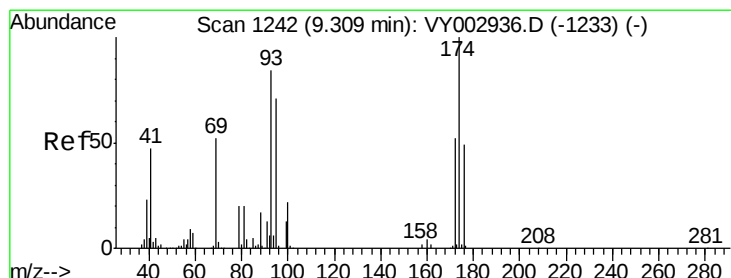
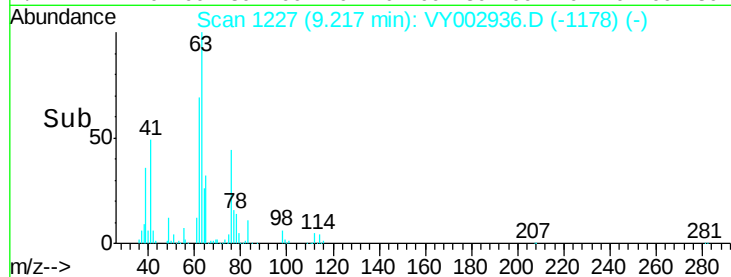
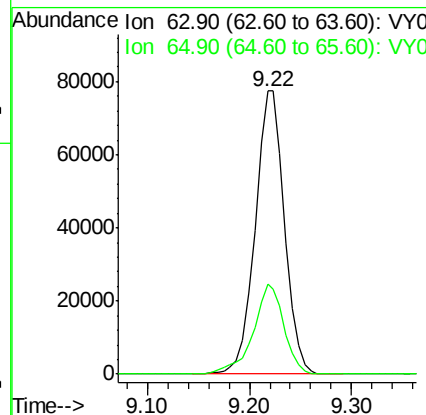
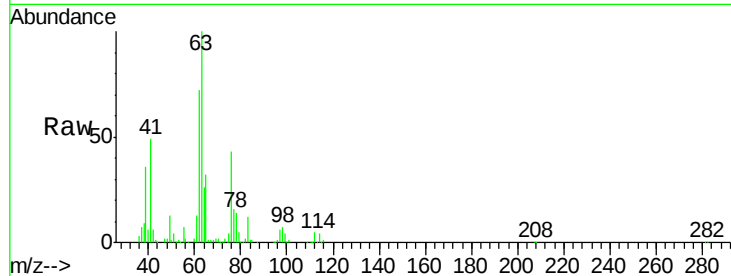




#45
 1,2-Dichloropropane
 Concen: 51.459 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY002936.D
 Acq: 19 Jun 2020 14:01

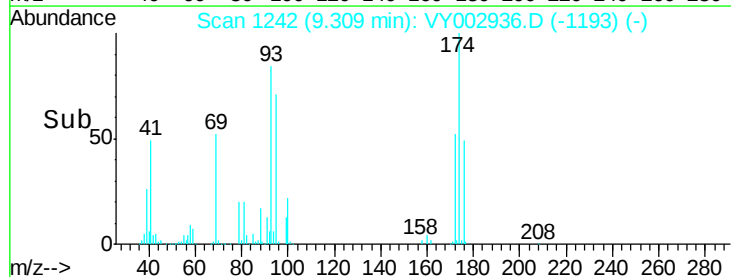
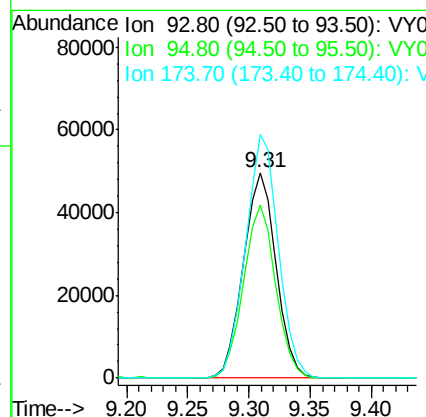
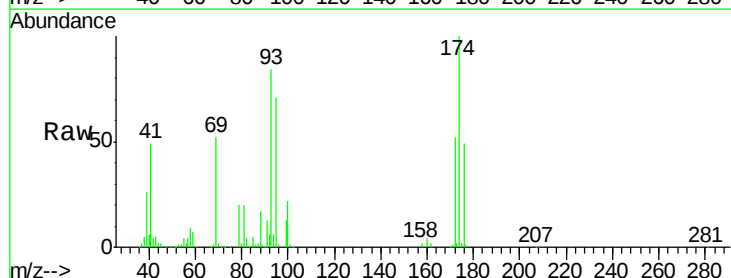
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

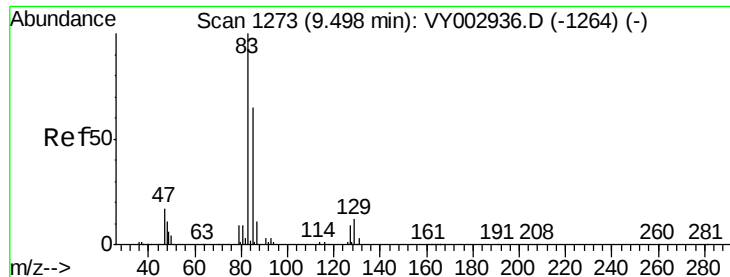
Tgt Ion: 63 Resp: 154362
 Ion Ratio Lower Upper
 63 100
 65 31.9 25.5 38.3



#46
 Dibromomethane
 Concen: 51.577 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY002936.D
 Acq: 19 Jun 2020 14:01

Tgt Ion: 93 Resp: 92355
 Ion Ratio Lower Upper
 93 100
 95 83.0 66.4 99.6
 174 118.9 95.1 142.7





#47

Bromodichloromethane

Concen: 52.859 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY002936.D

Acq: 19 Jun 2020 14:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

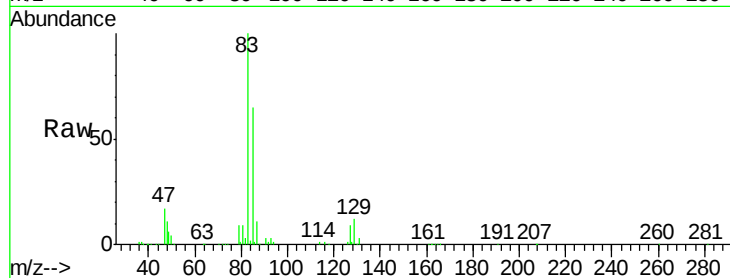
Tgt Ion: 83 Resp: 218920

Ion Ratio Lower Upper

83 100

85 64.9 51.9 77.9

127 9.2 7.4 11.0

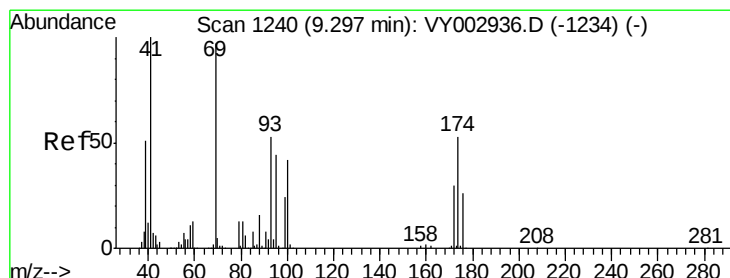
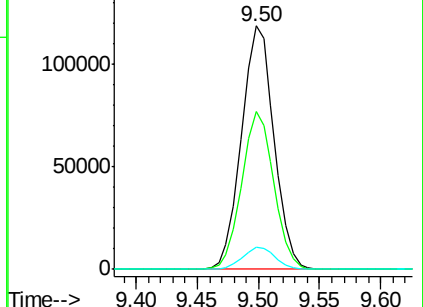
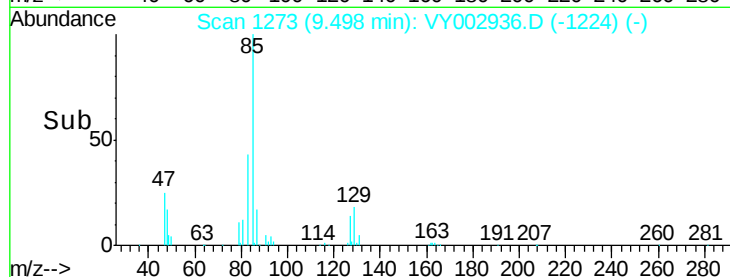


Abundance Ion 82.90 (82.60 to 83.60): VY002936.D (-1264) (-)

Ion 84.90 (84.60 to 85.60): VY002936.D (-1264) (-)

Ion 126.80 (126.50 to 127.50): VY002936.D (-1264) (-)

Time-->



#48

Methyl methacrylate

Concen: 52.913 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VY002936.D

Acq: 19 Jun 2020 14:01

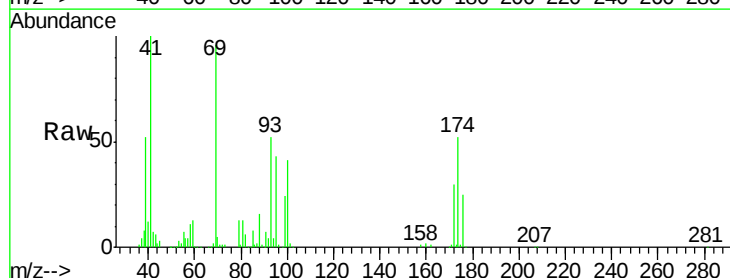
Tgt Ion: 41 Resp: 100872

Ion Ratio Lower Upper

41 100

69 99.2 79.4 119.0

39 51.4 41.1 61.7

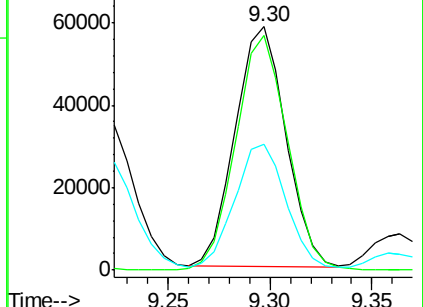
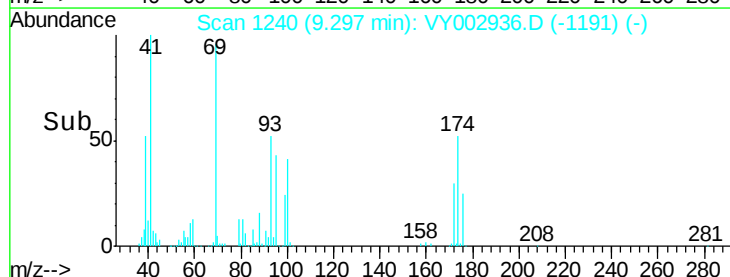


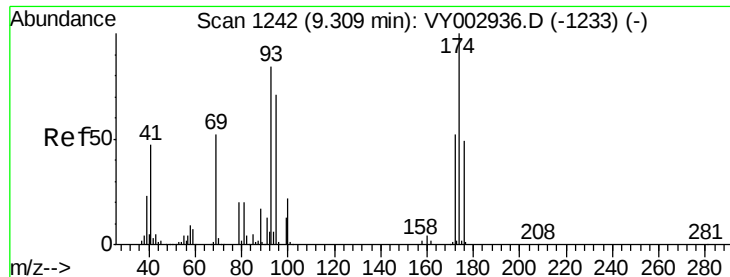
Abundance Ion 41.00 (40.70 to 41.70): VY002936.D (-1234) (-)

Ion 69.00 (68.70 to 69.70): VY002936.D (-1234) (-)

Ion 39.00 (38.70 to 39.70): VY002936.D (-1234) (-)

Time-->

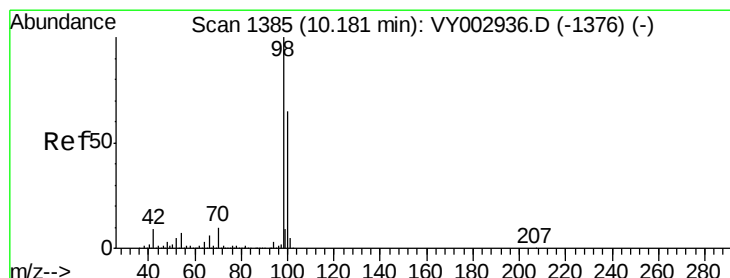
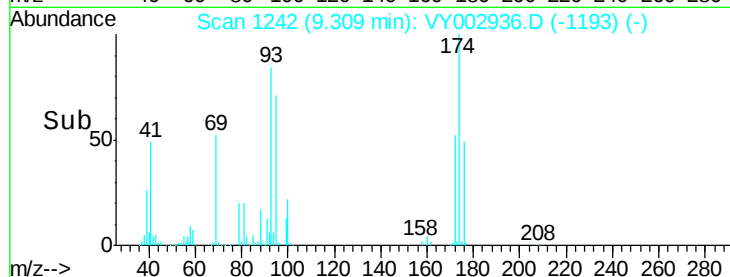
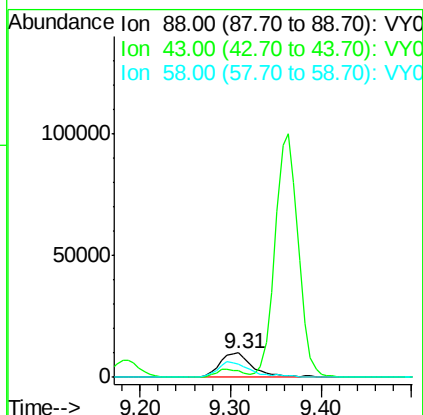
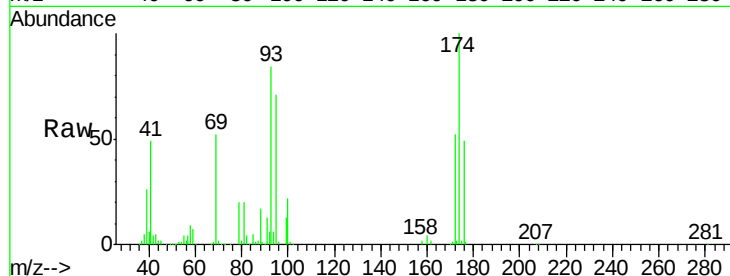




#49
 1,4-Dioxane
 Concen: 1010.410 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY002936.D
 Acq: 19 Jun 2020 14:01

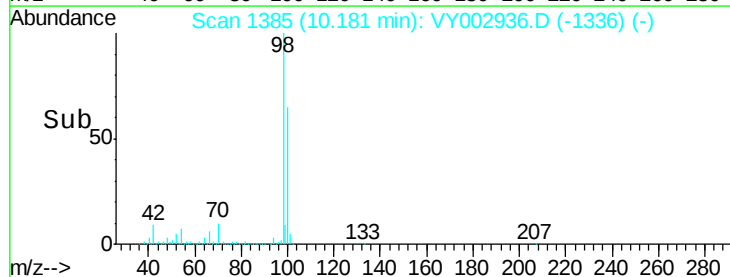
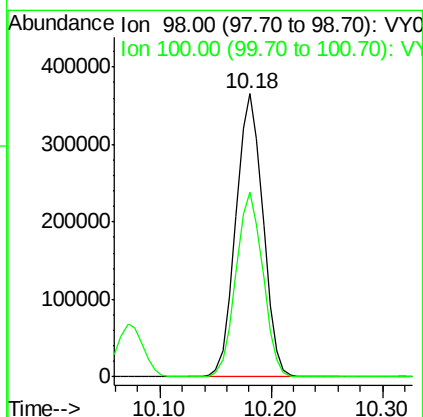
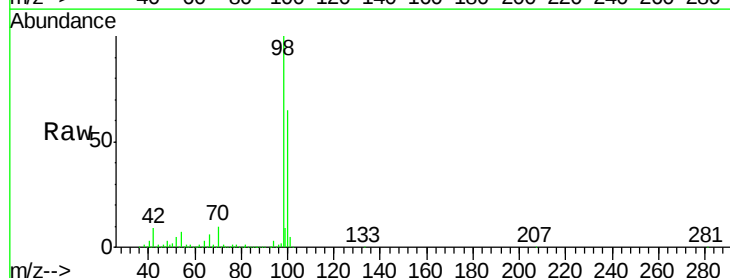
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

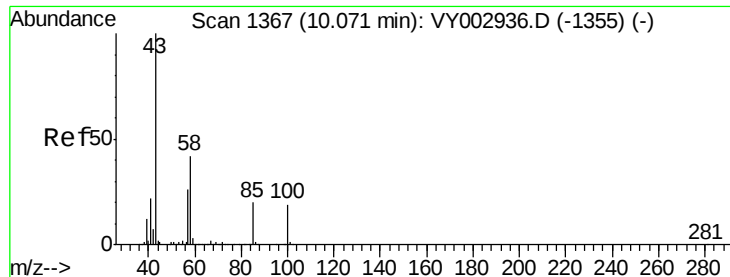
Tgt Ion: 88 Resp: 26138
 Ion Ratio Lower Upper
 88 100
 43 26.3 21.0 31.6
 58 64.4 51.5 77.3



#50
 Toluene-d8
 Concen: 53.347 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. 0.00 min
 Lab File: VY002936.D
 Acq: 19 Jun 2020 14:01

Tgt Ion: 98 Resp: 615596
 Ion Ratio Lower Upper
 98 100
 100 64.9 51.9 77.9

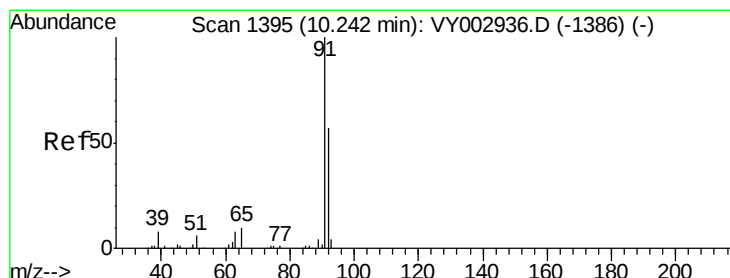
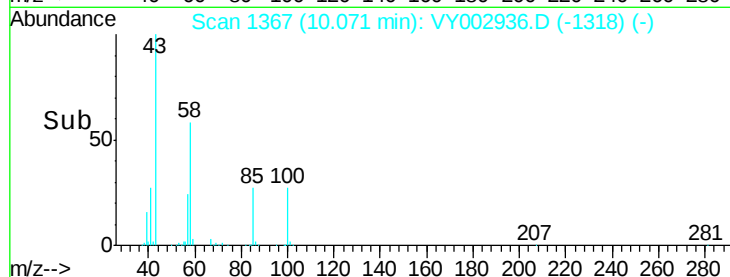
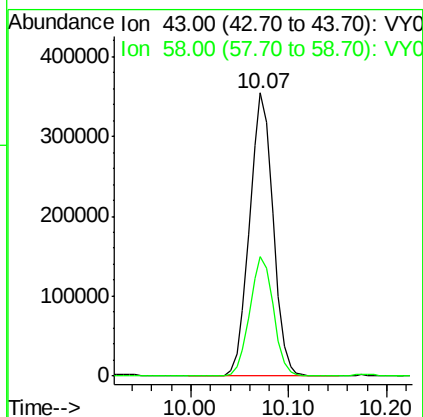
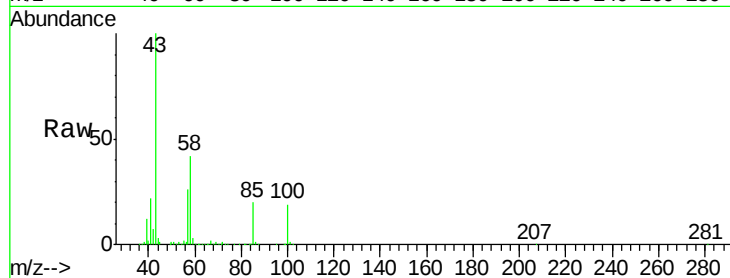




#51
 4-Methyl-2-Pentanone
 Concen: 258.343 ug/l
 RT: 10.07 min Scan# 1367
 Delta R.T. 0.00 min
 Lab File: VY002936.D
 Acq: 19 Jun 2020 14:01

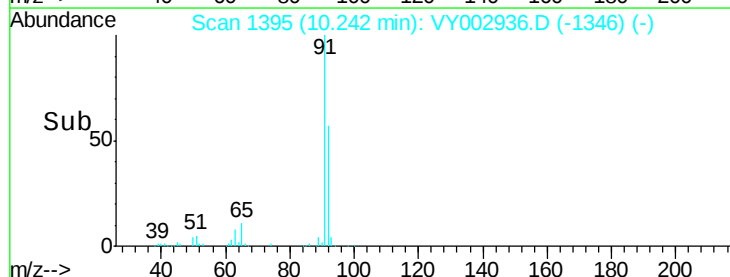
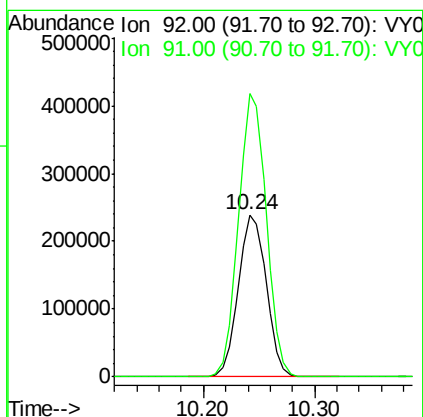
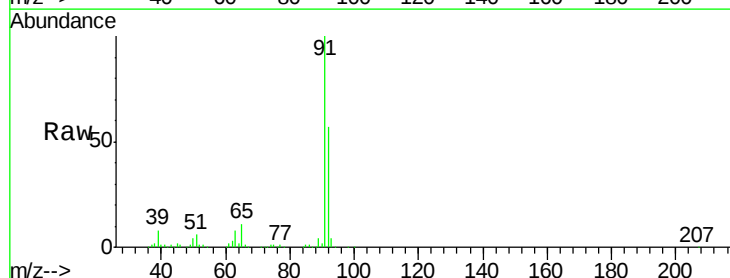
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

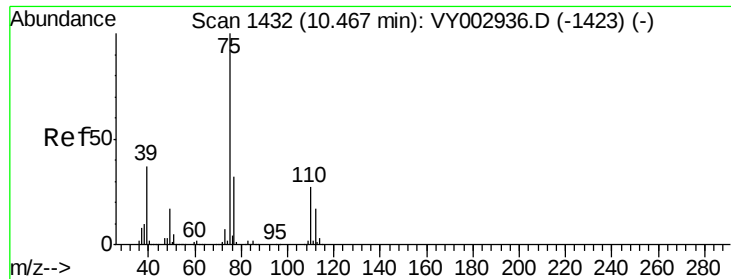
Tgt Ion: 43 Resp: 591495
 Ion Ratio Lower Upper
 43 100
 58 42.4 33.9 50.9



#52
 Toluene
 Concen: 51.716 ug/l
 RT: 10.24 min Scan# 1395
 Delta R.T. 0.00 min
 Lab File: VY002936.D
 Acq: 19 Jun 2020 14:01

Tgt Ion: 92 Resp: 415835
 Ion Ratio Lower Upper
 92 100
 91 174.1 139.3 208.9





#53

t-1,3-Dichloropropene

Concen: 52.467 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY002936.D

Acq: 19 Jun 2020 14:01

Instrument :

MSVOA_Y

ClientSampleId :

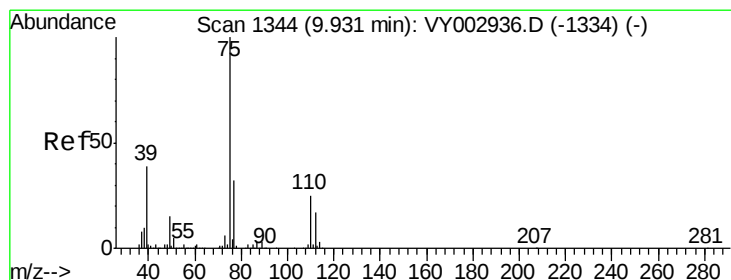
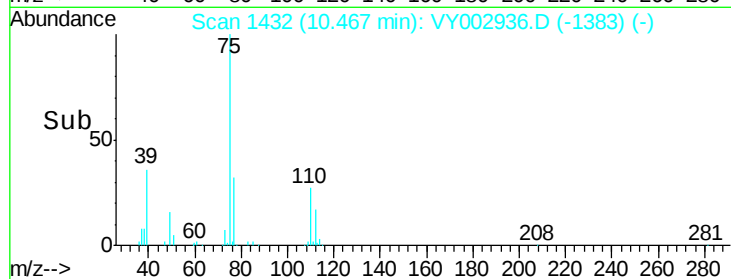
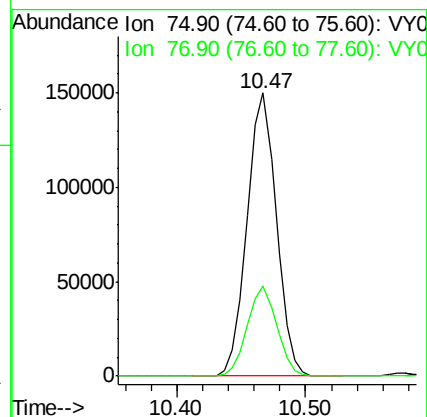
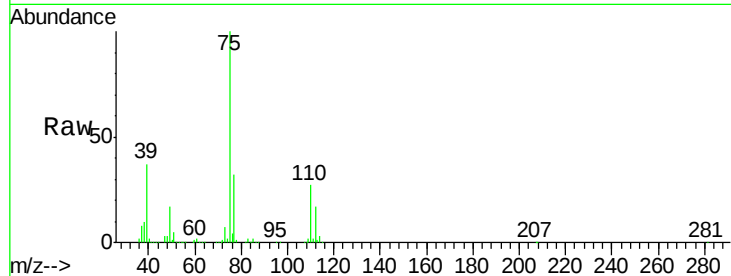
VSTDICCC050

Tgt Ion: 75 Resp: 235383

Ion Ratio Lower Upper

75 100

77 31.6 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 53.097 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY002936.D

Acq: 19 Jun 2020 14:01

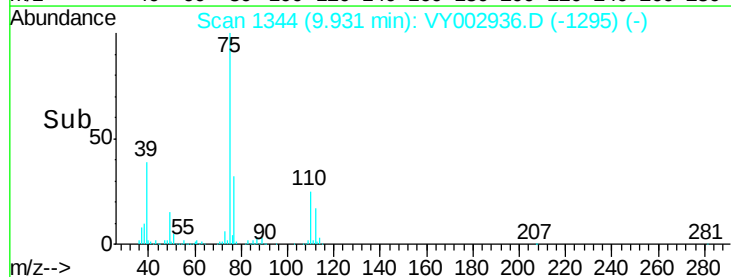
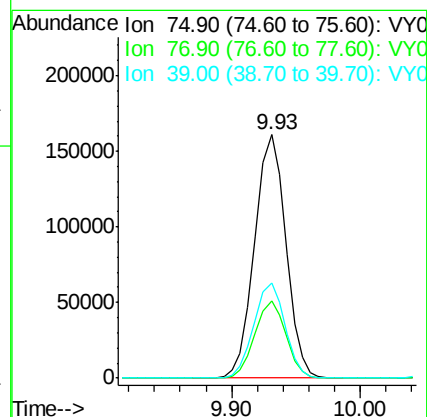
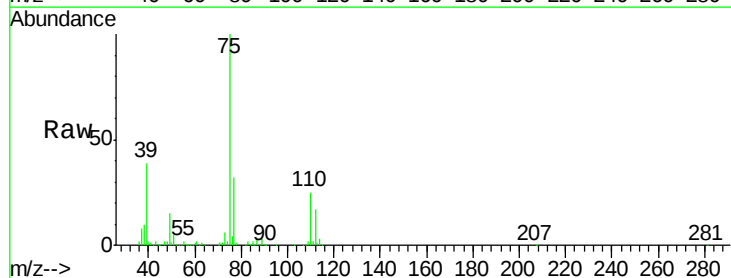
Tgt Ion: 75 Resp: 270248

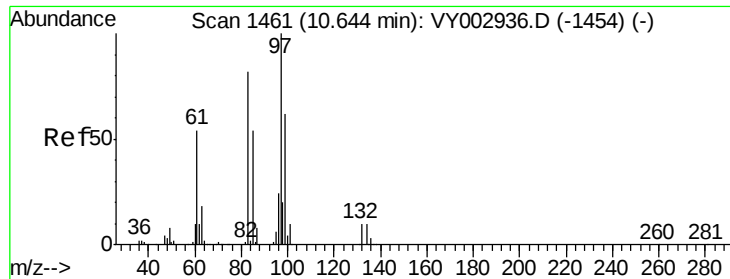
Ion Ratio Lower Upper

75 100

77 31.8 25.4 38.2

39 39.2 31.4 47.0

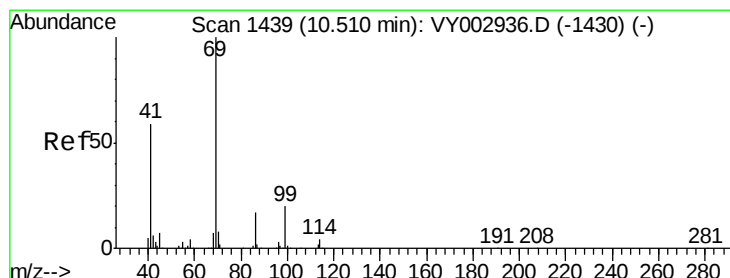
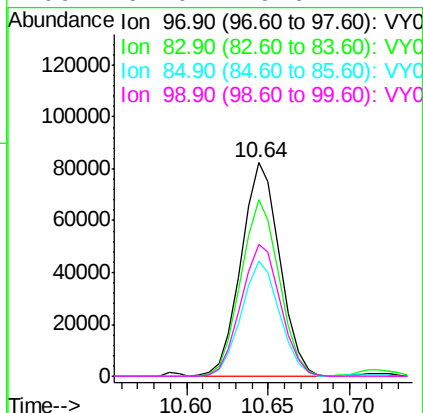
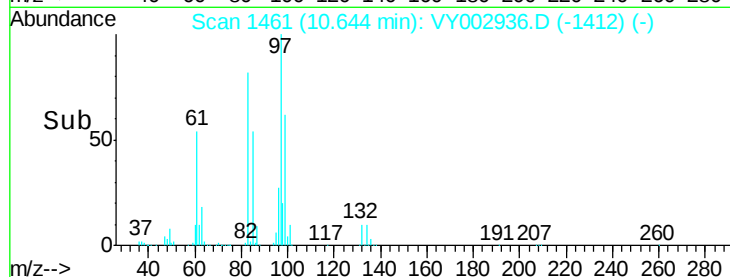
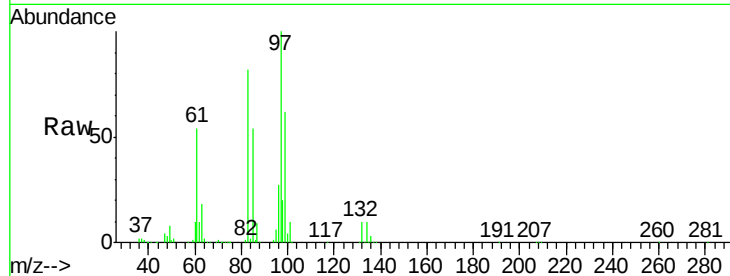




#55
 1,1,2-Trichloroethane
 Concen: 50.721 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY002936.D
 Acq: 19 Jun 2020 14:01

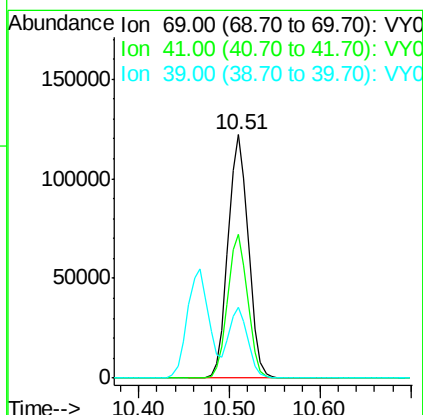
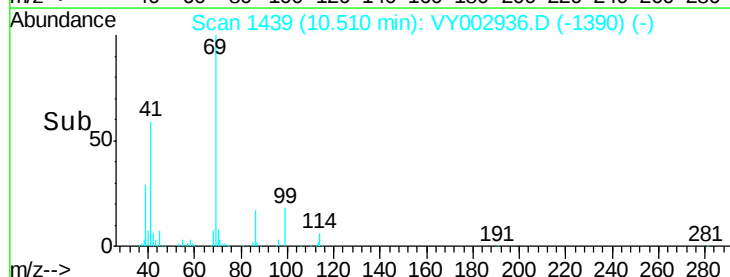
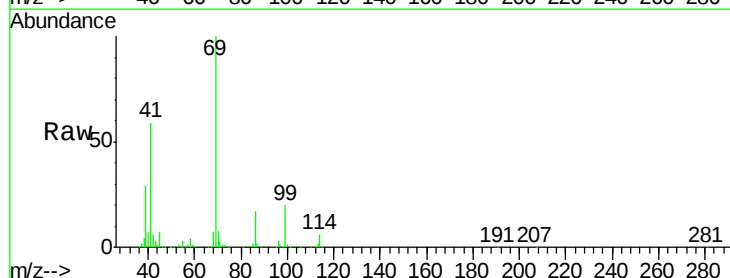
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

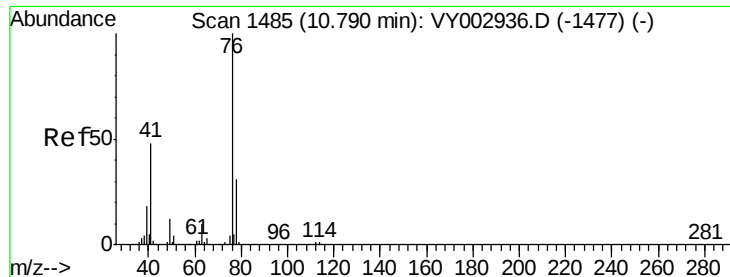
Tgt Ion:	97	Resp:	135948
Ion	Ratio	Lower	Upper
97	100		
83	82.4	65.9	98.9
85	53.9	43.1	64.7
99	62.0	49.6	74.4



#56
 Ethyl methacrylate
 Concen: 53.656 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY002936.D
 Acq: 19 Jun 2020 14:01

Tgt Ion:	69	Resp:	189423
Ion	Ratio	Lower	Upper
69	100		
41	58.0	46.4	69.6
39	26.7	21.4	32.0





#57

1,3-Dichloropropane

Concen: 51.304 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY002936.D

Acq: 19 Jun 2020 14:01

Instrument :

MSVOA_Y

ClientSampleId :

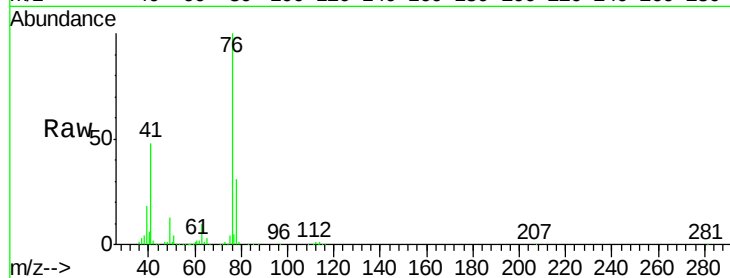
VSTDICCC050

Tgt Ion: 76 Resp: 229512

Ion Ratio Lower Upper

76 100

78 31.8 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

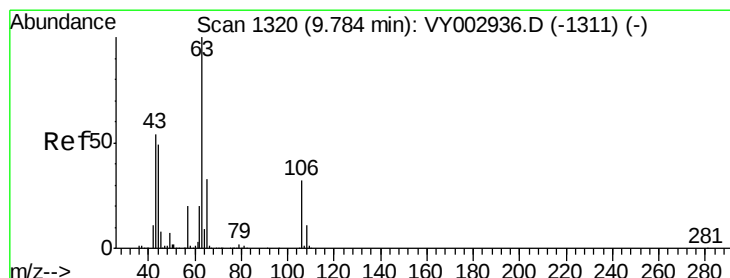
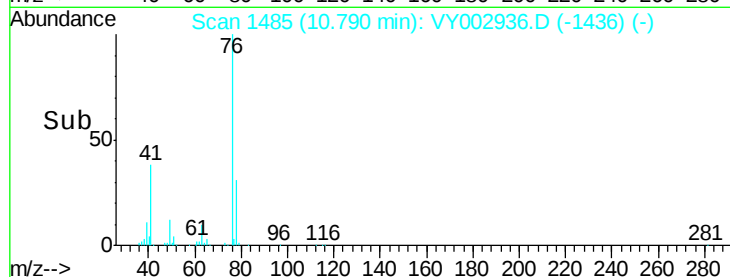
150000

100000

50000

0

Time--> 10.70 10.80



#58

2-Chloroethyl Vinyl ether

Concen: 278.673 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY002936.D

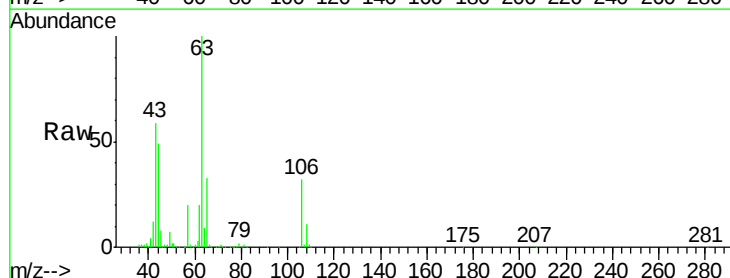
Acq: 19 Jun 2020 14:01

Tgt Ion: 63 Resp: 492241

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

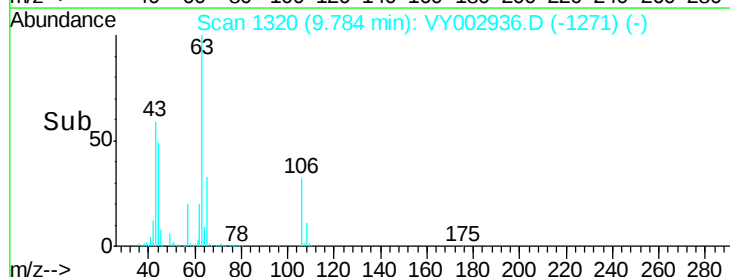
300000

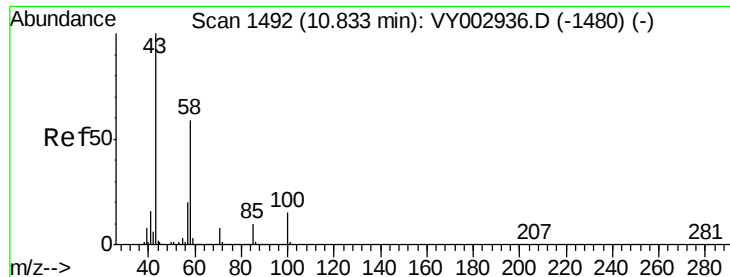
200000

100000

0

Time--> 9.70 9.75 9.80 9.85

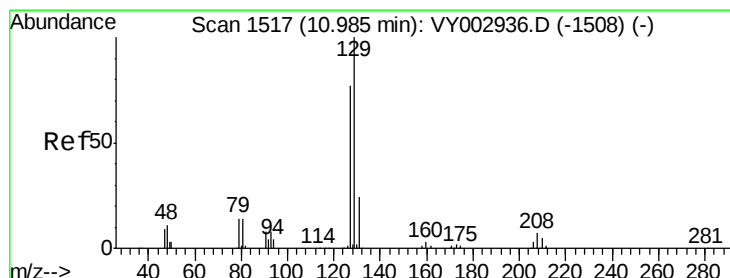
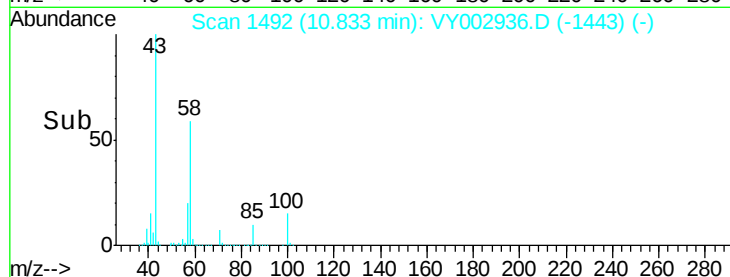
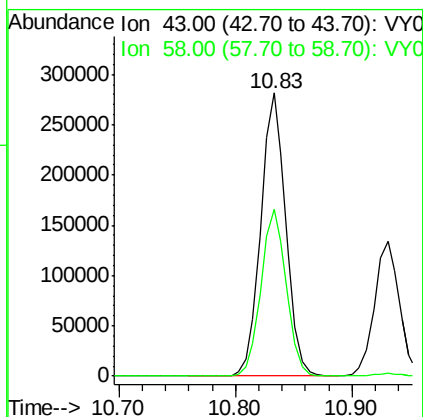
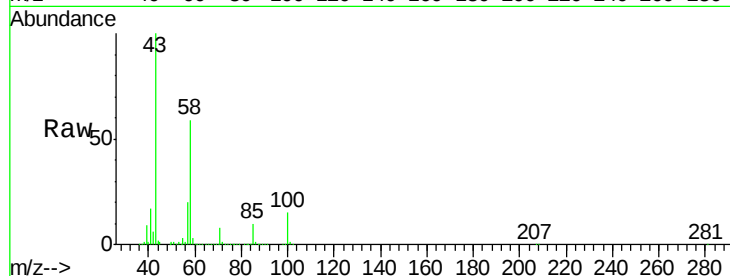




#59
2-Hexanone
Concen: 263.393 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY002936.D
Acq: 19 Jun 2020 14:01

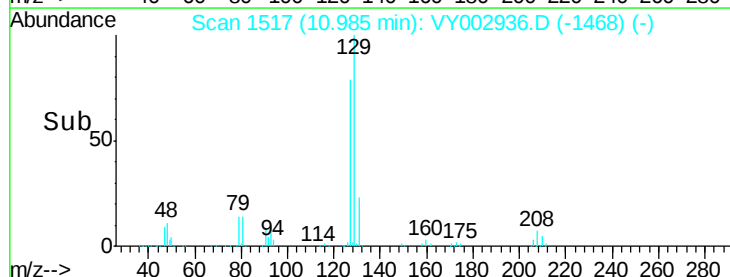
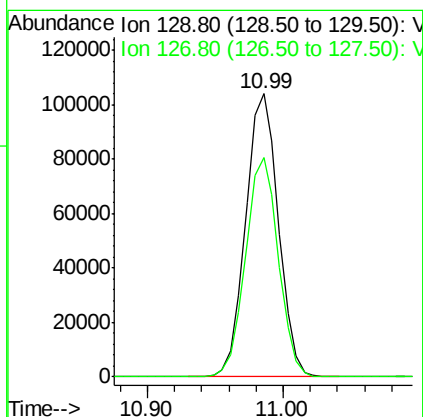
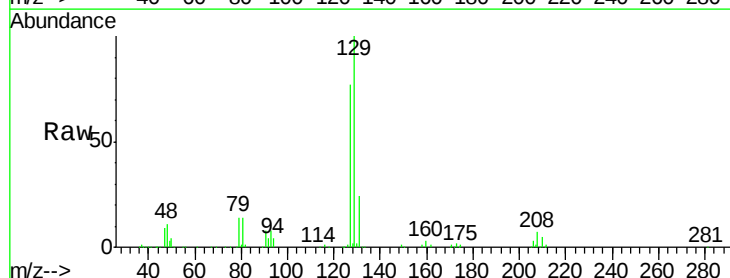
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

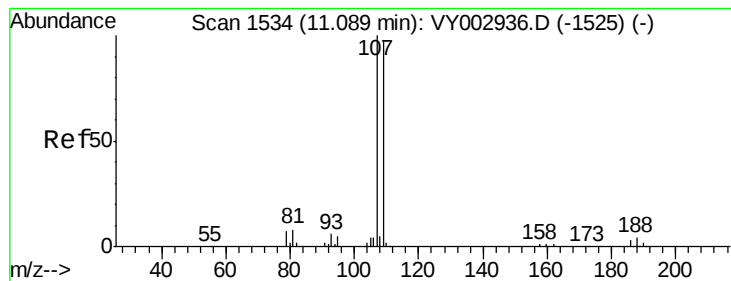
Tgt Ion: 43 Resp: 421446
Ion Ratio Lower Upper
43 100
58 59.4 29.7 89.1



#60
Dibromochloromethane
Concen: 51.859 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY002936.D
Acq: 19 Jun 2020 14:01

Tgt Ion: 129 Resp: 175526
Ion Ratio Lower Upper
129 100
127 77.7 38.9 116.6





#61

1,2-Dibromoethane

Concen: 51.720 ug/l

RT: 11.09 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VY002936.D

Acq: 19 Jun 2020 14:01

Instrument :

MSVOA_Y

ClientSampleId :

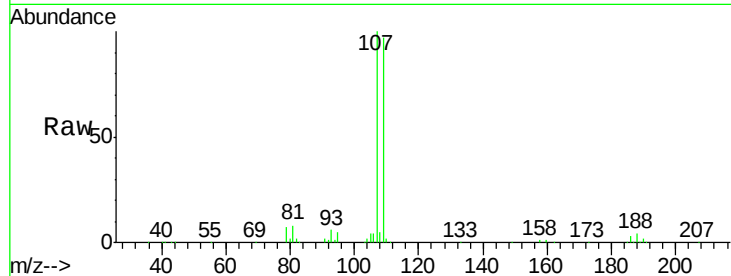
VSTDICCC050

Tgt Ion: 107 Resp: 136730

Ion Ratio Lower Upper

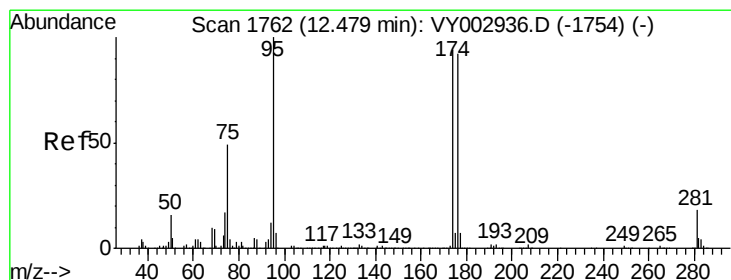
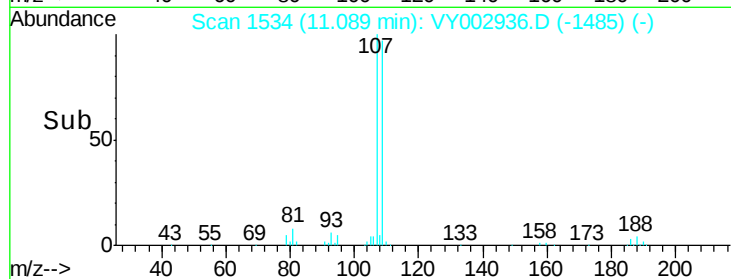
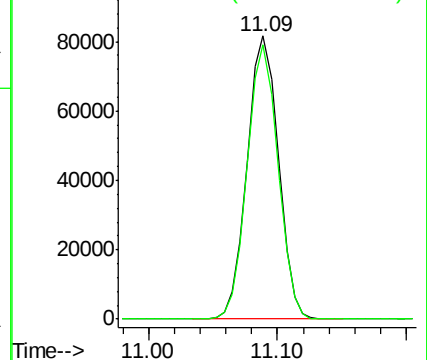
107 100

109 95.7 76.6 114.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.955 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY002936.D

Acq: 19 Jun 2020 14:01

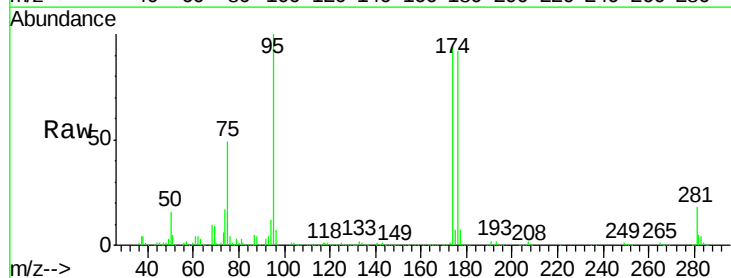
Tgt Ion: 95 Resp: 210776

Ion Ratio Lower Upper

95 100

174 95.6 0.0 191.2

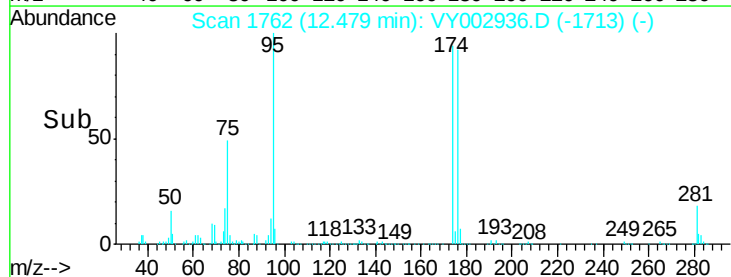
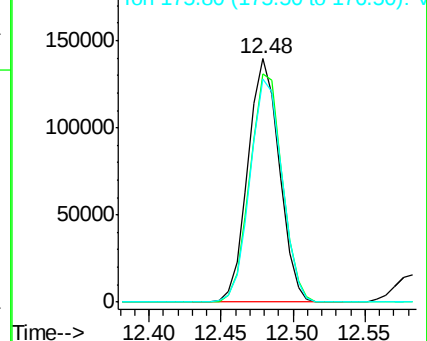
176 93.0 0.0 186.0

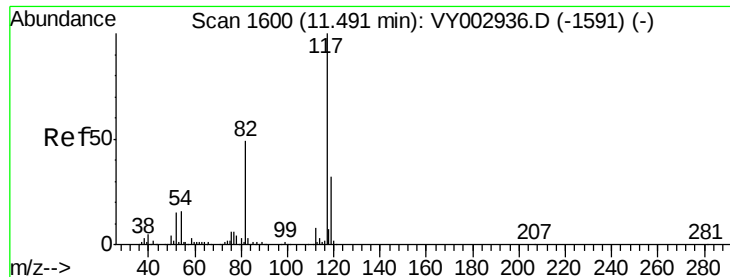


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

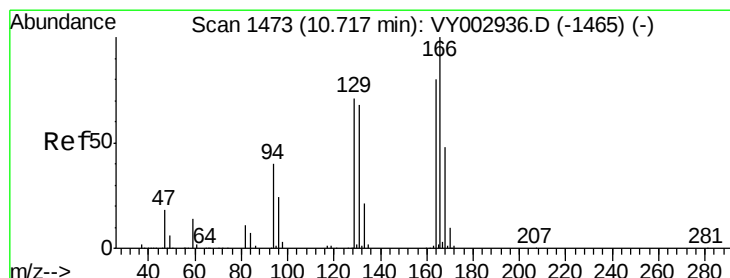
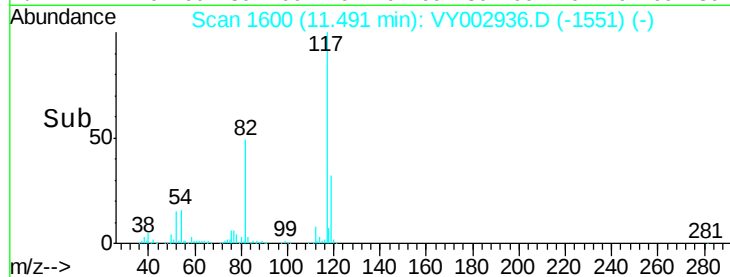
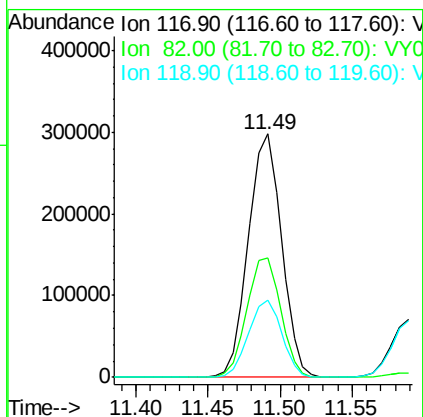
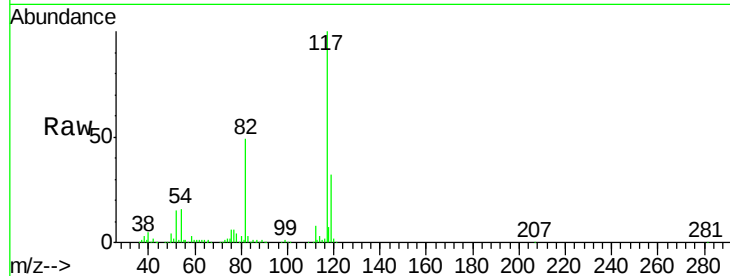




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002936.D
Acq: 19 Jun 2020 14:01

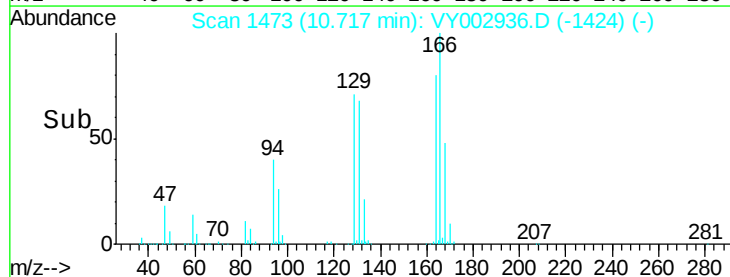
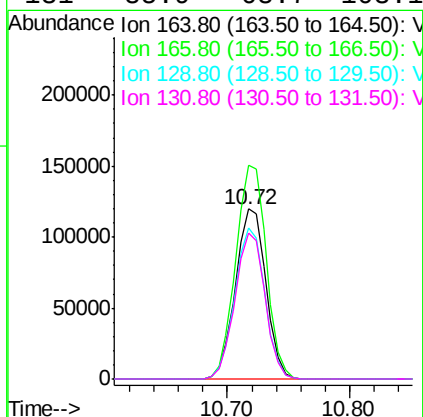
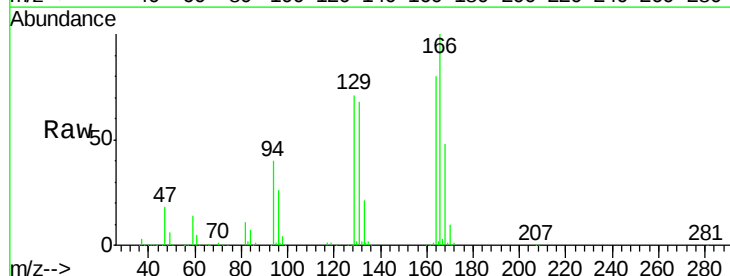
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

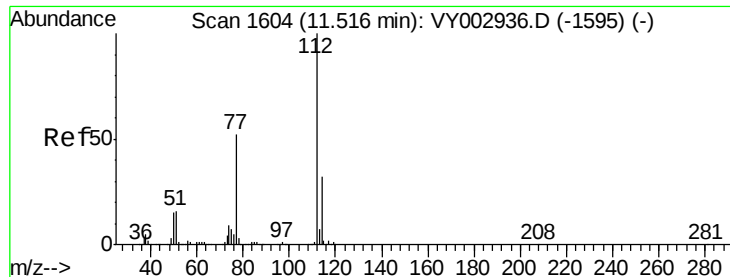
Tgt Ion:117 Resp: 475458
Ion Ratio Lower Upper
117 100
82 49.2 39.4 59.0
119 31.7 25.4 38.0



#64
Tetrachloroethene
Concen: 50.966 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY002936.D
Acq: 19 Jun 2020 14:01

Tgt Ion:164 Resp: 205161
Ion Ratio Lower Upper
164 100
166 125.6 100.5 150.7
129 88.9 71.1 106.7
131 85.9 68.7 103.1

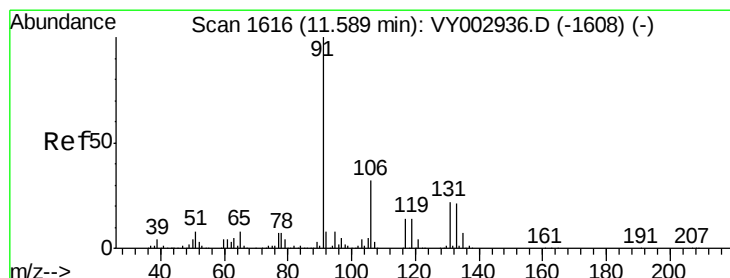
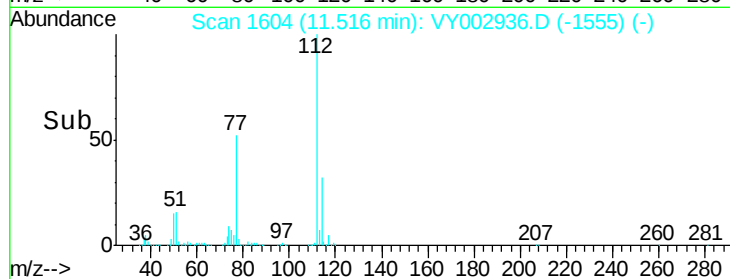
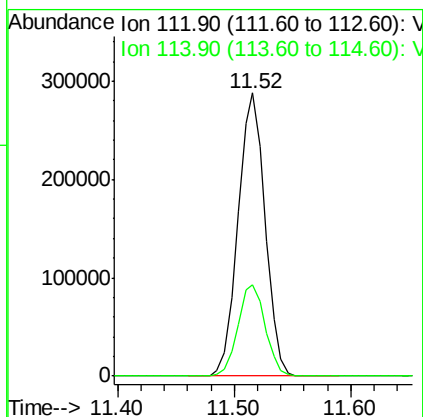
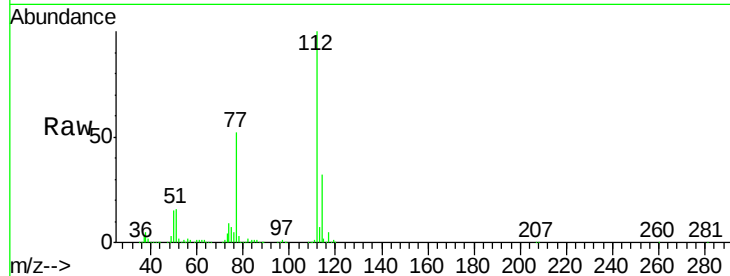




#65
Chlorobenzene
Concen: 51.587 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY002936.D
Acq: 19 Jun 2020 14:01

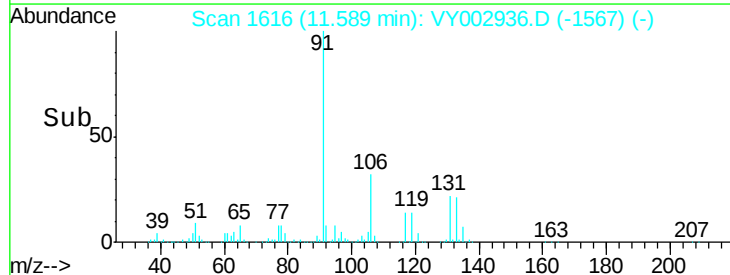
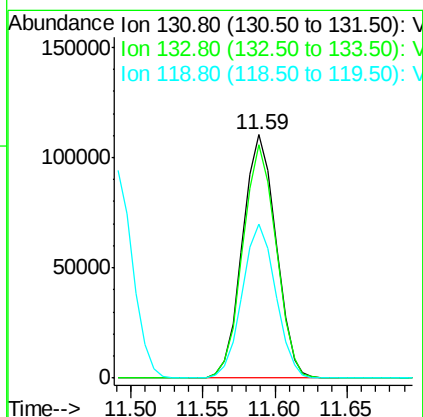
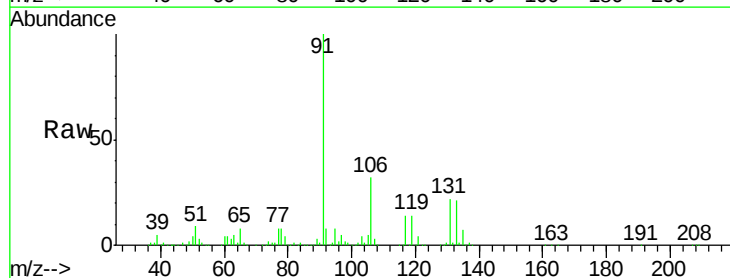
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

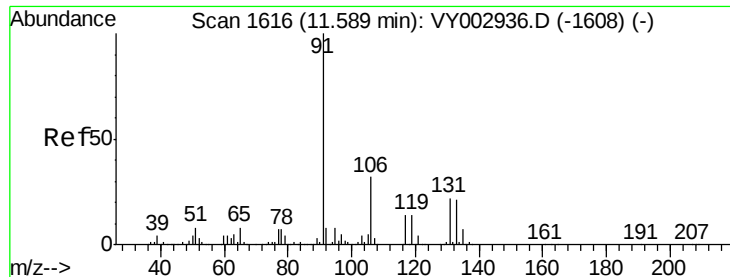
Tgt Ion:112 Resp: 465840
Ion Ratio Lower Upper
112 100
114 32.5 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 52.468 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY002936.D
Acq: 19 Jun 2020 14:01

Tgt Ion:131 Resp: 178319
Ion Ratio Lower Upper
131 100
133 95.4 47.7 143.1
119 63.0 31.5 94.5

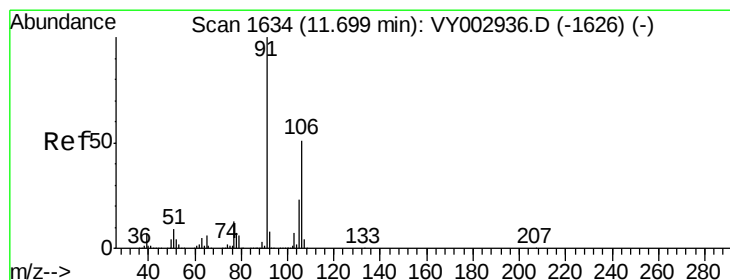
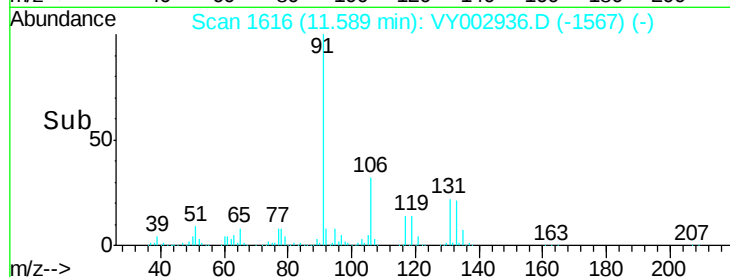
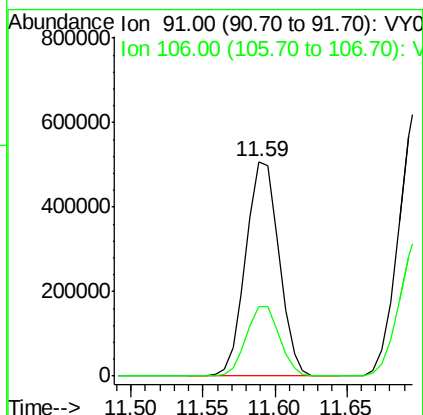
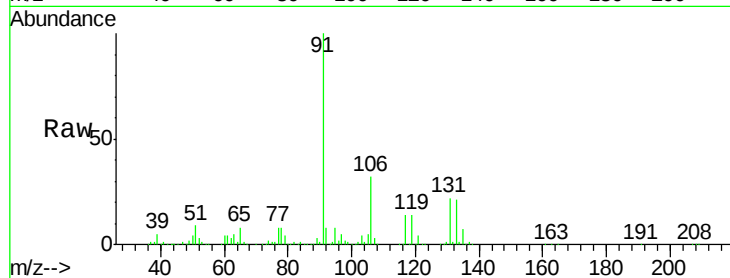




#67
Ethyl Benzene
Concen: 52.414 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY002936.D
Acq: 19 Jun 2020 14:01

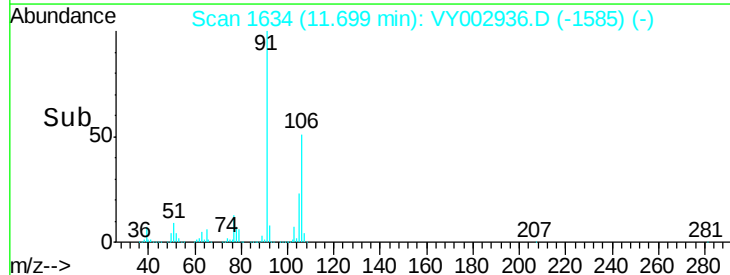
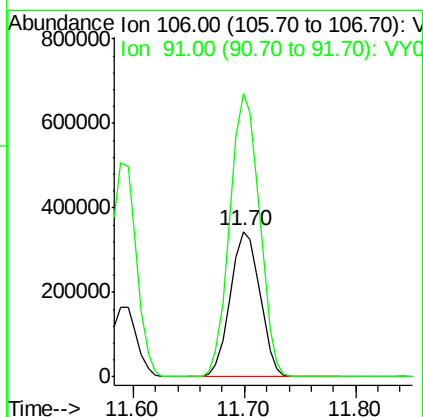
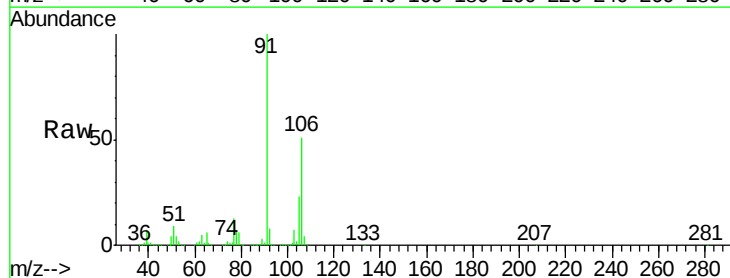
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

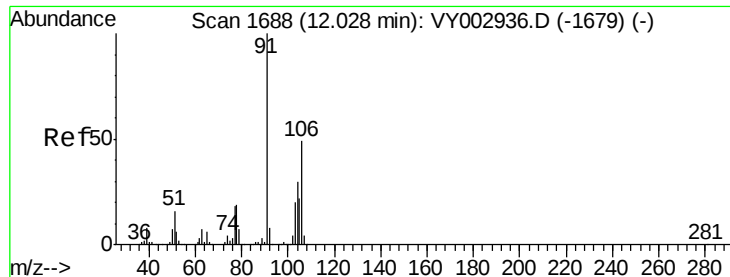
Tgt Ion: 91 Resp: 812313
Ion Ratio Lower Upper
91 100
106 32.3 25.8 38.8



#68
m/p-Xylenes
Concen: 105.434 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY002936.D
Acq: 19 Jun 2020 14:01

Tgt Ion: 106 Resp: 634842
Ion Ratio Lower Upper
106 100
91 194.9 155.9 233.9

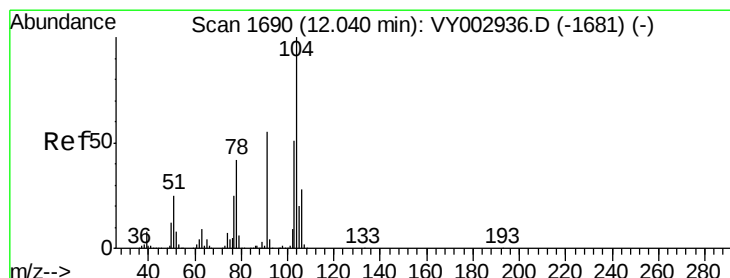
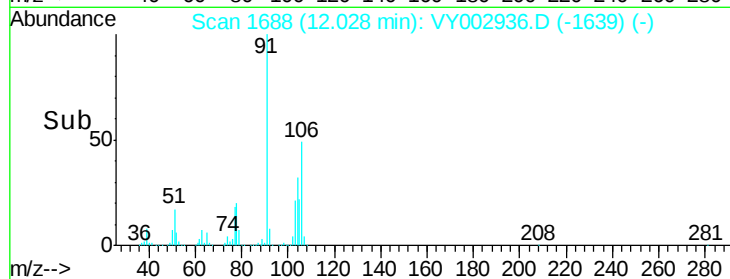
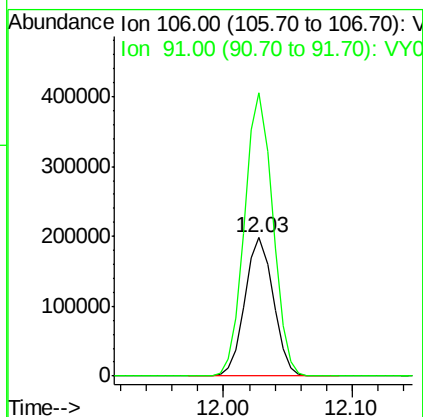
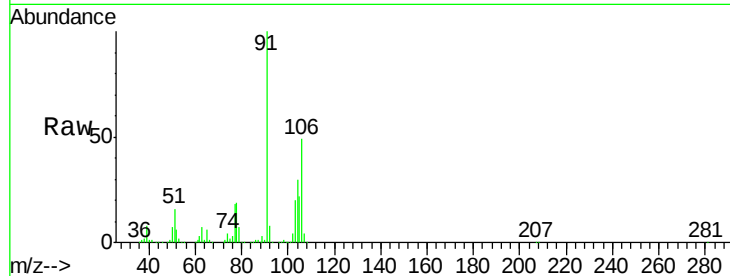




#69
o-Xylene
Concen: 52.956 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY002936.D
Acq: 19 Jun 2020 14:01

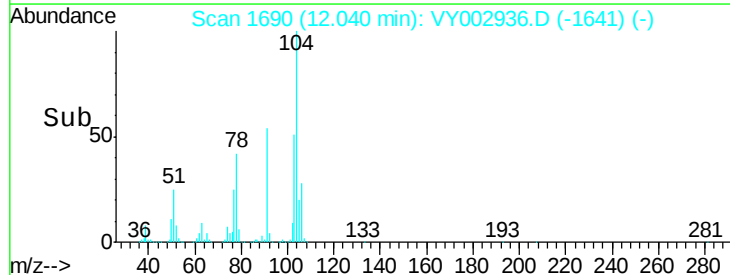
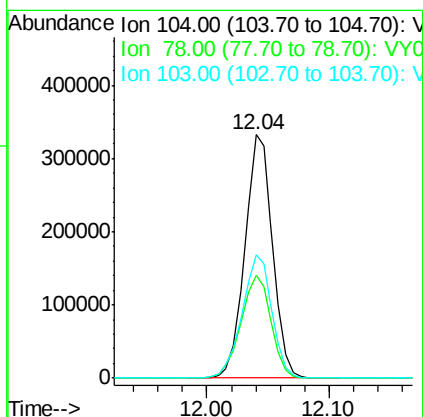
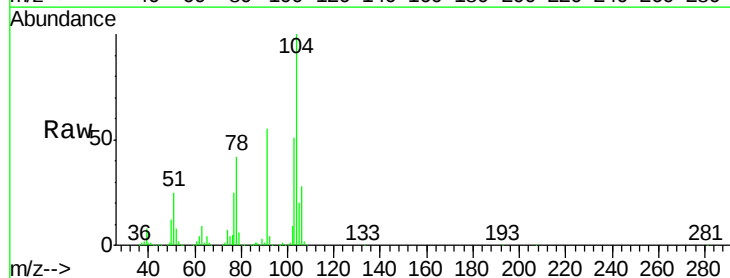
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

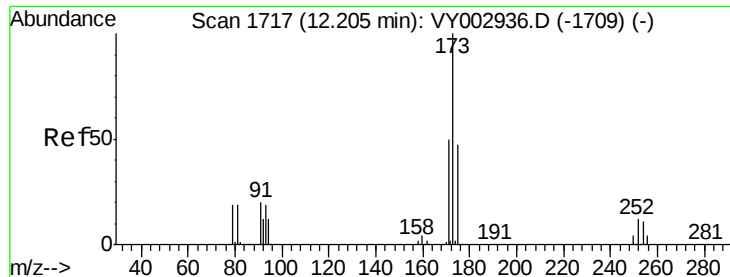
Tgt Ion:106 Resp: 300601
Ion Ratio Lower Upper
106 100
91 204.1 102.1 306.1



#70
Styrene
Concen: 53.160 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY002936.D
Acq: 19 Jun 2020 14:01

Tgt Ion:104 Resp: 519637
Ion Ratio Lower Upper
104 100
78 46.1 36.9 55.3
103 54.6 43.7 65.5

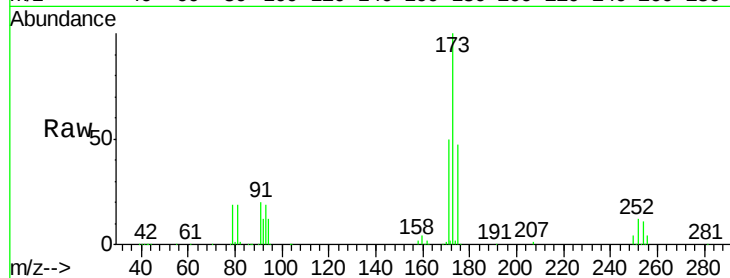




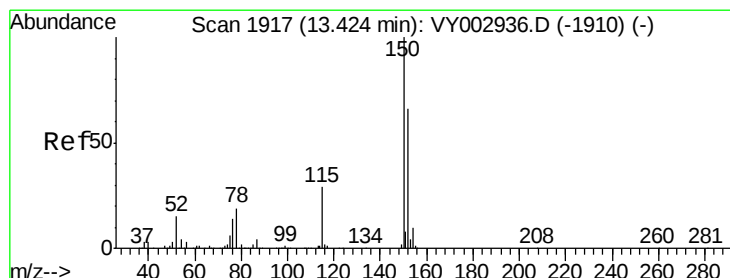
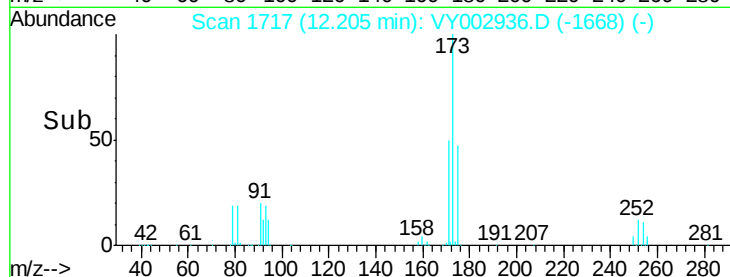
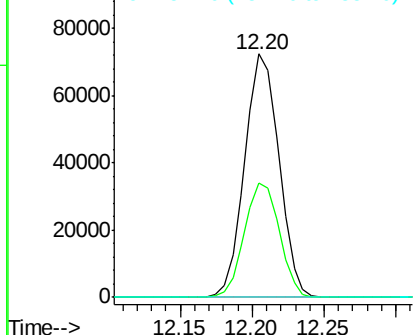
#71
Bromoform
Concen: 52.786 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VY002936.D
Acq: 19 Jun 2020 14:01

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:173 Resp: 119530
Ion Ratio Lower Upper
173 100
175 47.9 23.9 71.8
254 0.1 0.1 0.1#

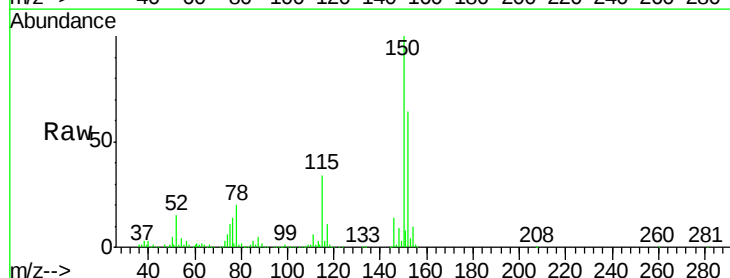


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

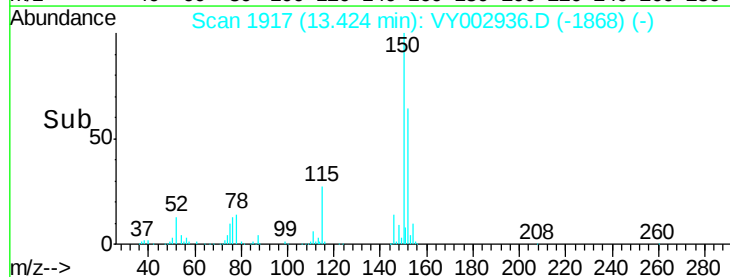
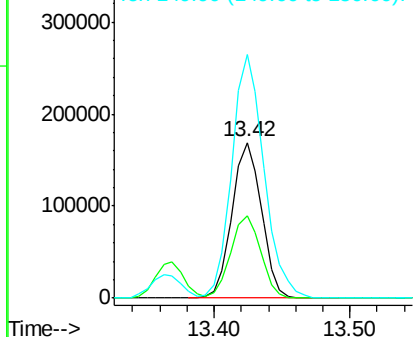


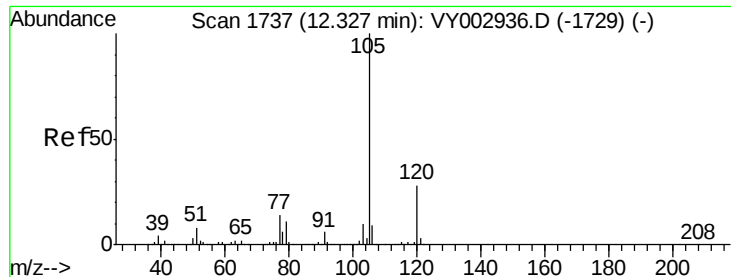
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY002936.D
Acq: 19 Jun 2020 14:01

Tgt Ion:152 Resp: 254646
Ion Ratio Lower Upper
152 100
115 53.7 26.9 80.6
150 170.9 0.0 341.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.166 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY002936.D

Acq: 19 Jun 2020 14:01

Instrument :

MSVOA_Y

ClientSampleId :

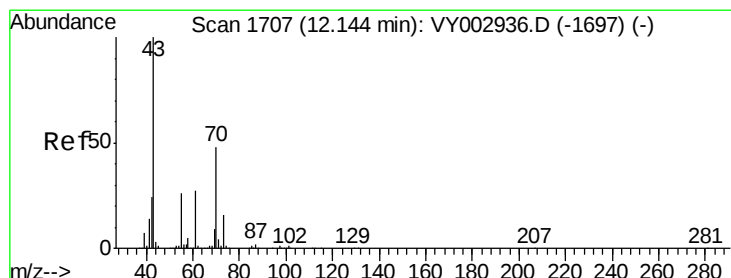
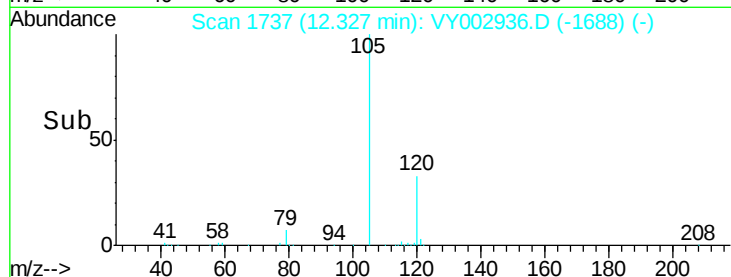
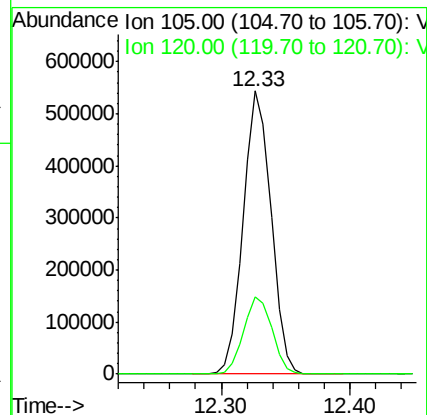
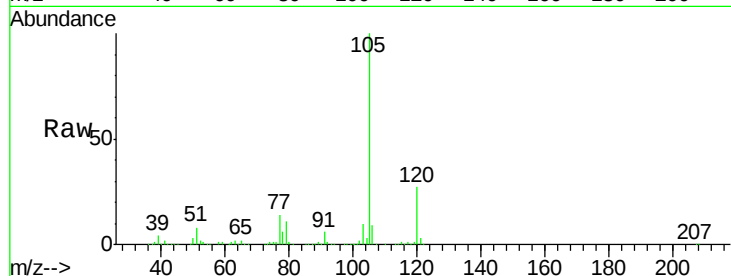
VSTDICCC050

Tgt Ion: 105 Resp: 810887

Ion Ratio Lower Upper

105 100

120 27.9 14.0 41.9



#74

N-ethyl acetate

Concen: 53.102 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY002936.D

Acq: 19 Jun 2020 14:01

Tgt Ion: 43 Resp: 209895

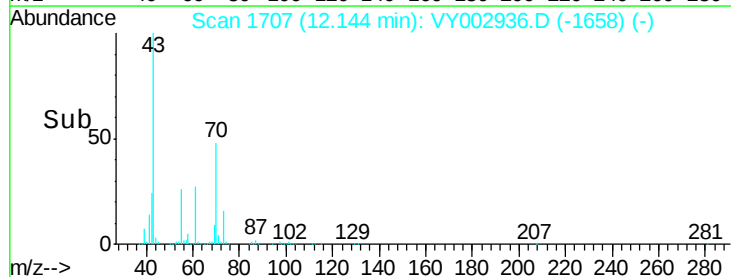
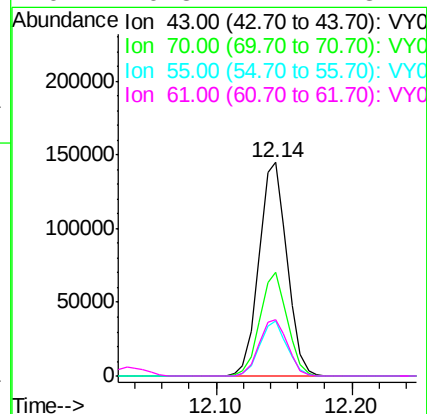
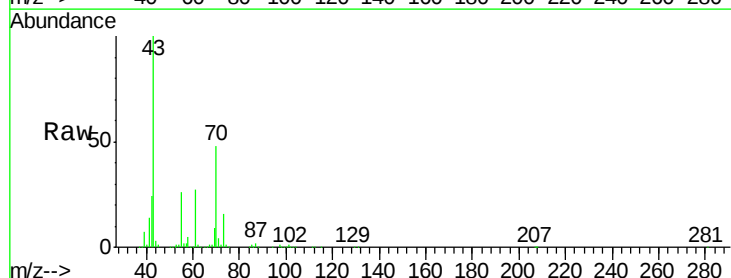
Ion Ratio Lower Upper

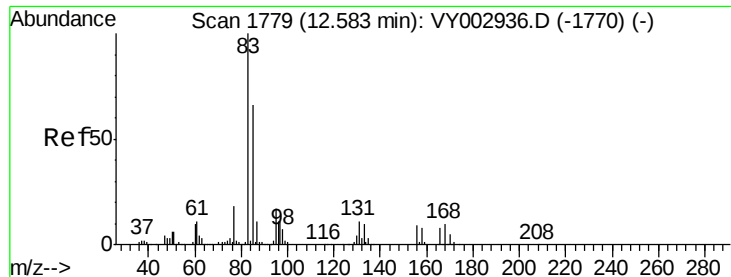
43 100

70 47.5 38.0 57.0

55 25.4 20.3 30.5

61 26.8 21.4 32.2





#75

1,1,2,2-Tetrachloroethane

Concen: 50.768 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY002936.D

Acq: 19 Jun 2020 14:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

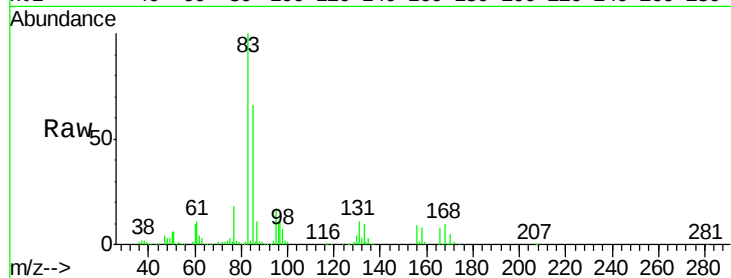
Tgt Ion: 83 Resp: 146335

Ion Ratio Lower Upper

83 100

131 11.8 5.9 17.7

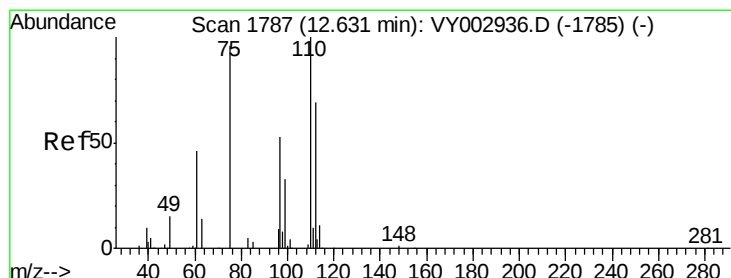
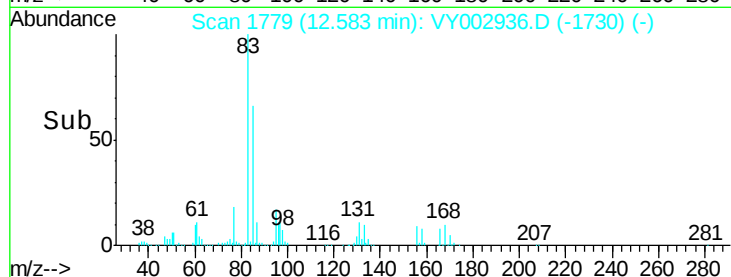
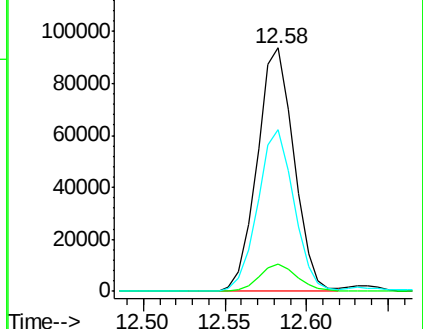
85 65.5 32.8 98.3



Abundance Ion 82.90 (82.60 to 83.60): VY002936.D (-1770) (-)

Ion 130.80 (130.50 to 131.50): VY002936.D (-1770) (-)

Ion 84.90 (84.60 to 85.60): VY002936.D (-1770) (-)



#76

1,2,3-Trichloropropane

Concen: 58.922 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY002936.D

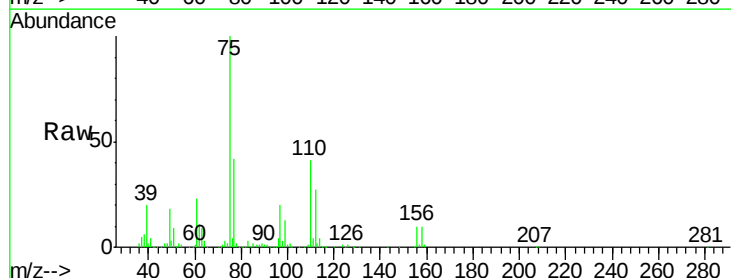
Acq: 19 Jun 2020 14:01

Tgt Ion: 75 Resp: 212805

Ion Ratio Lower Upper

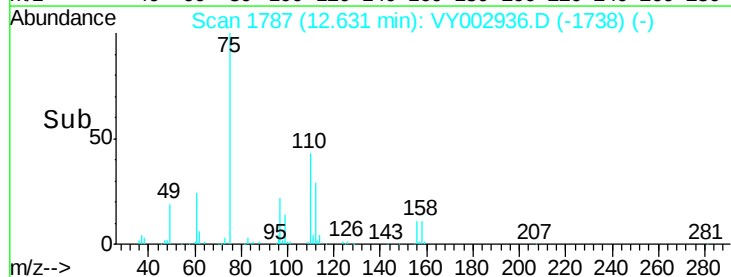
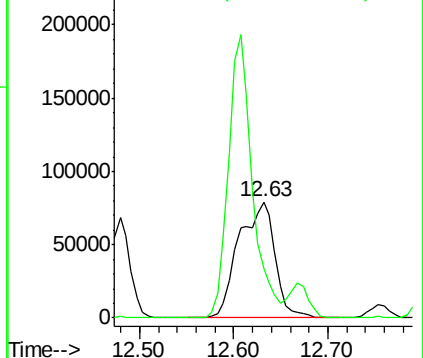
75 100

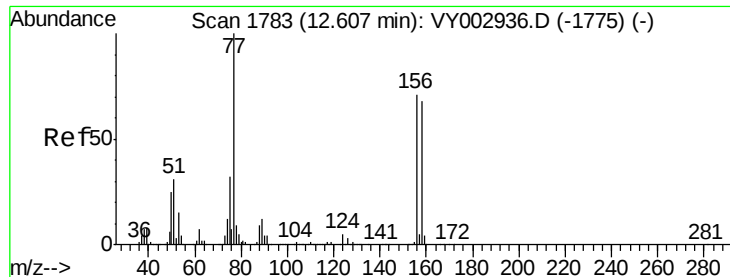
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY002936.D (-1785) (-)

Ion 77.00 (76.70 to 77.70): VY002936.D (-1785) (-)





#77

Bromobenzene

Concen: 51.831 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY002936.D

Acq: 19 Jun 2020 14:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

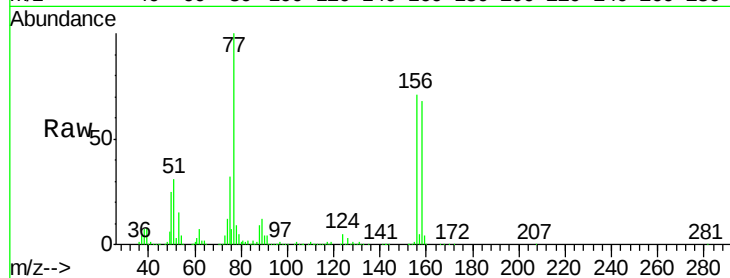
Tgt Ion:156 Resp: 211691

Ion Ratio Lower Upper

156 100

77 161.0 80.5 241.5

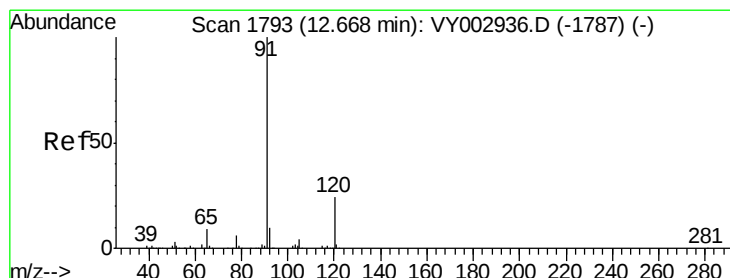
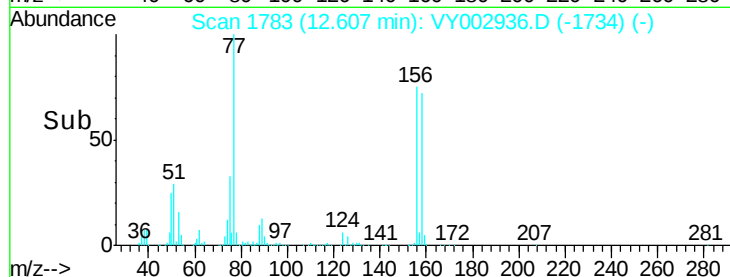
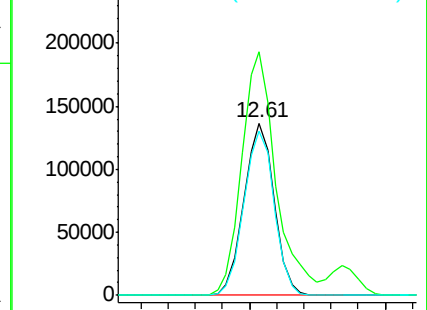
158 96.4 48.2 144.6



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: 51.946 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY002936.D

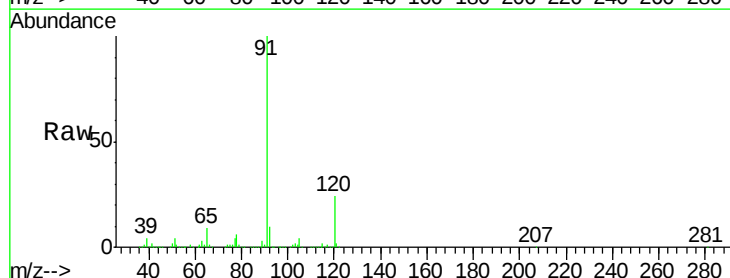
Acq: 19 Jun 2020 14:01

Tgt Ion: 91 Resp: 939450

Ion Ratio Lower Upper

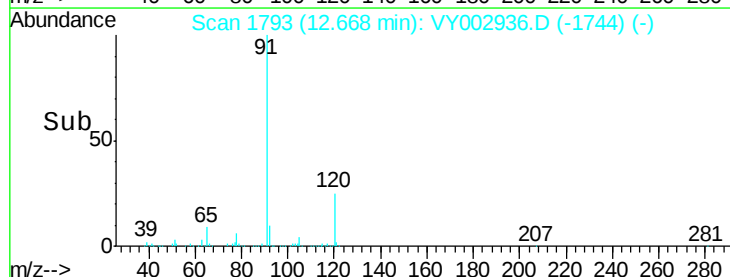
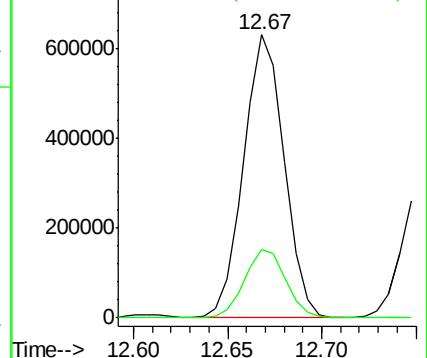
91 100

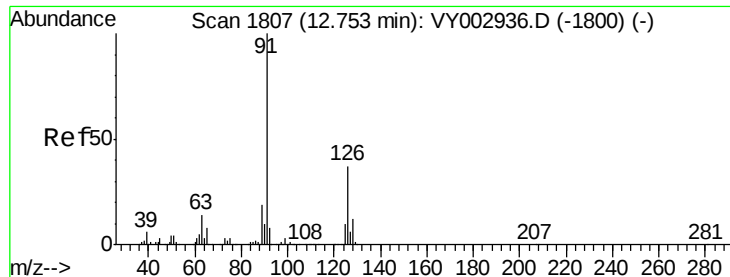
120 24.6 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

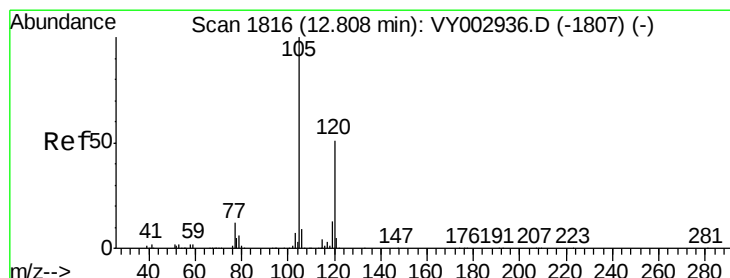
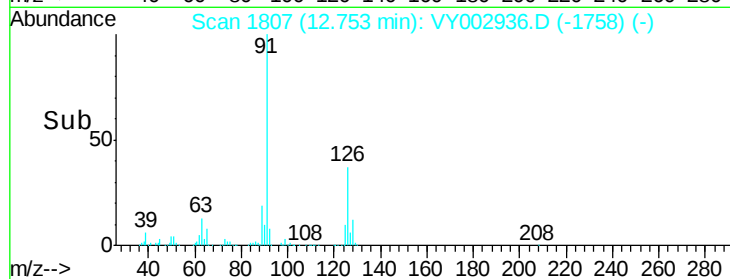
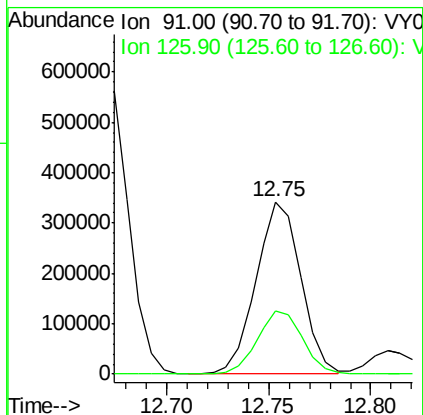
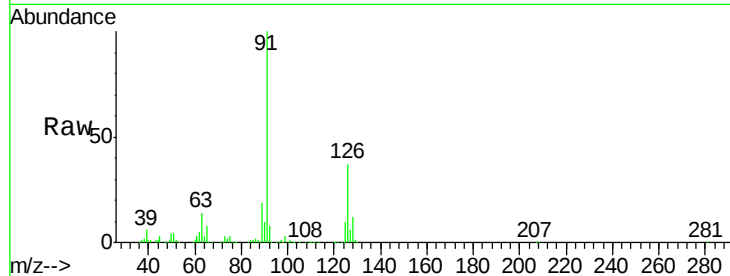




#79
 2-Chlorotoluene
 Concen: 51.663 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VY002936.D
 Acq: 19 Jun 2020 14:01

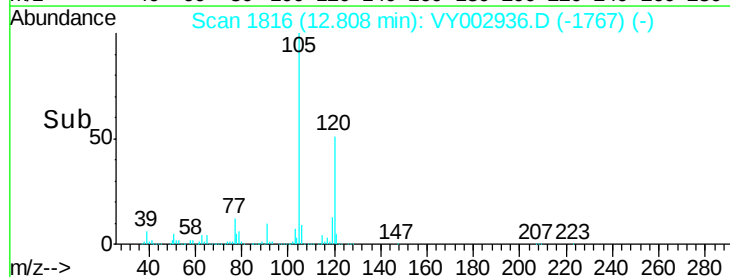
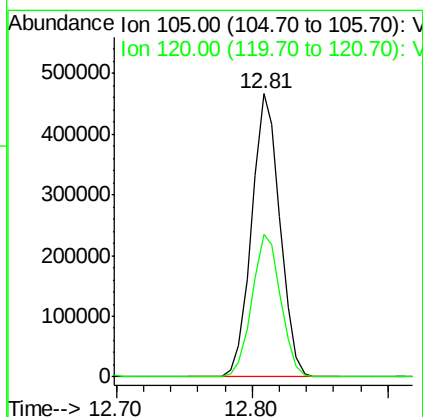
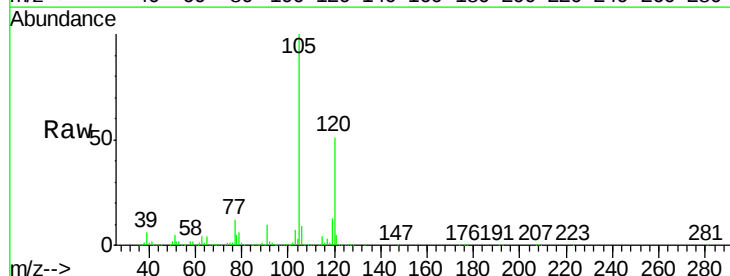
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

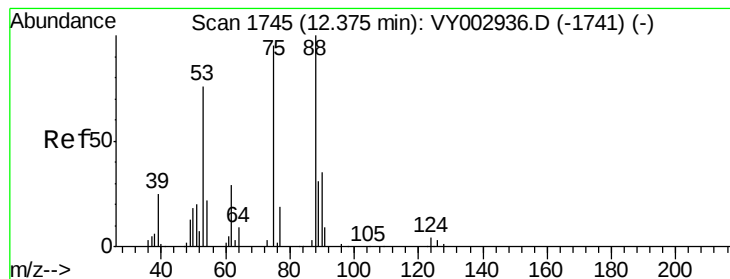
Tgt Ion: 91 Resp: 523597
 Ion Ratio Lower Upper
 91 100
 126 37.0 18.5 55.5



#80
 1,3,5-Trimethylbenzene
 Concen: 52.430 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. 0.00 min
 Lab File: VY002936.D
 Acq: 19 Jun 2020 14:01

Tgt Ion: 105 Resp: 679508
 Ion Ratio Lower Upper
 105 100
 120 51.1 25.6 76.6





#81

trans-1,4-Dichloro-2-butene

Concen: 52.841 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY002936.D

Acq: 19 Jun 2020 14:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

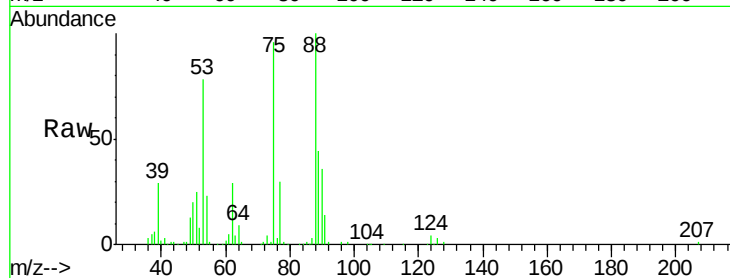
Tgt Ion: 75 Resp: 60189

Ion Ratio Lower Upper

75 100

53 81.4 65.1 97.7

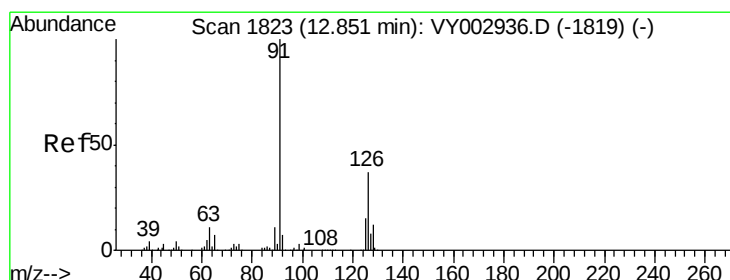
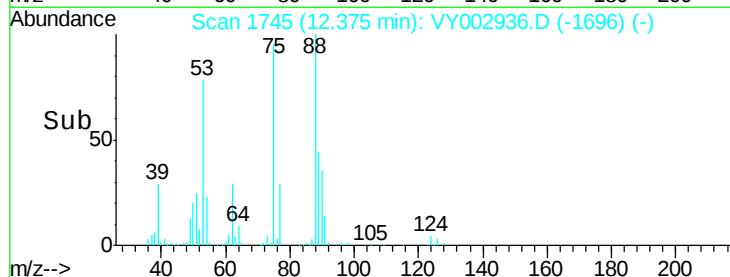
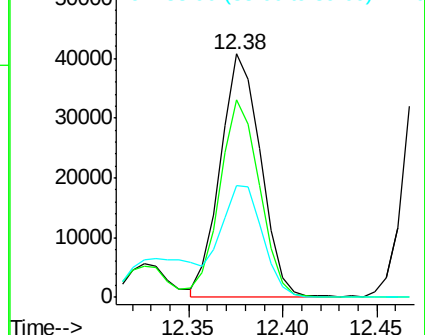
89 48.0 38.4 57.6



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: 51.400 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY002936.D

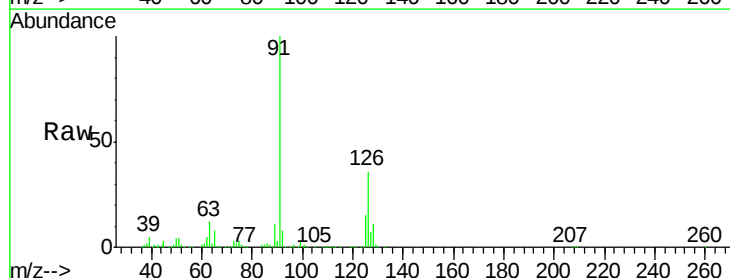
Acq: 19 Jun 2020 14:01

Tgt Ion: 91 Resp: 549588

Ion Ratio Lower Upper

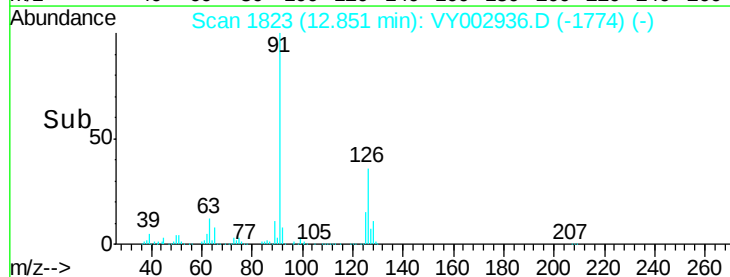
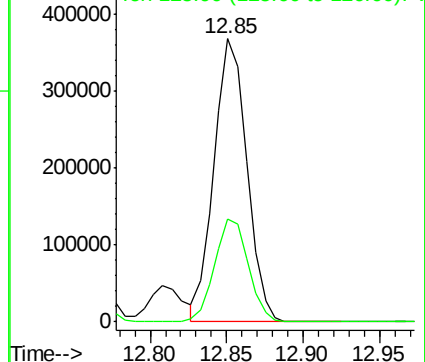
91 100

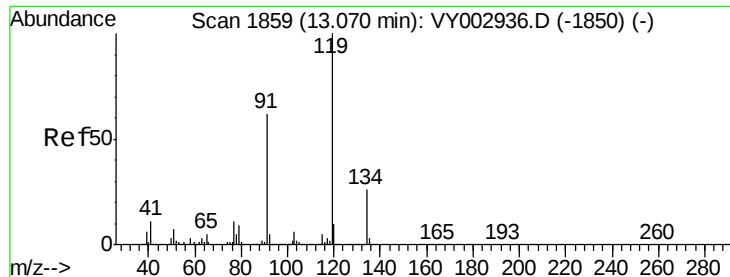
126 37.2 18.6 55.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

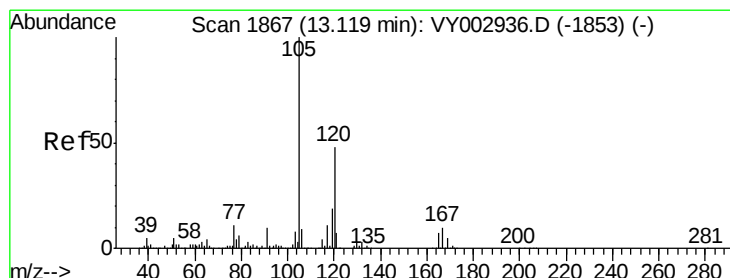
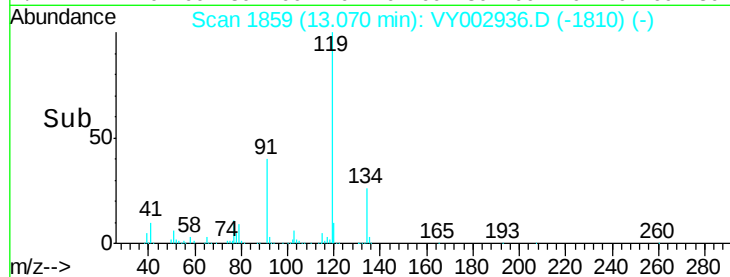
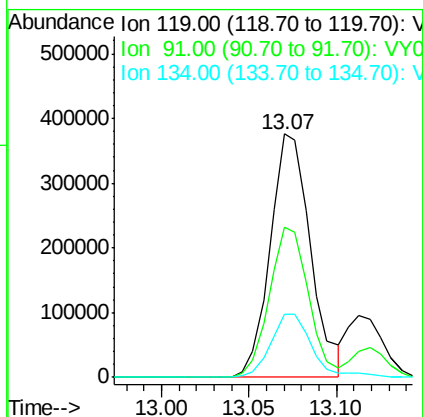
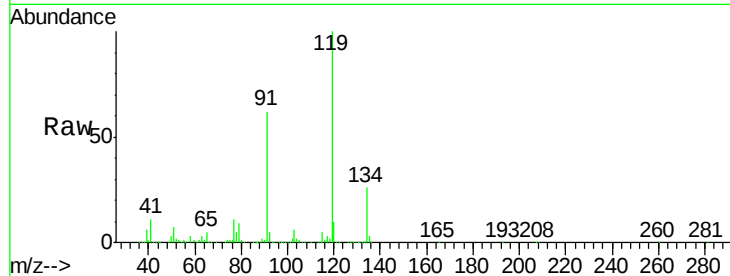




#83
tert-Butylbenzene
Concen: 52.063 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VY002936.D
Acq: 19 Jun 2020 14:01

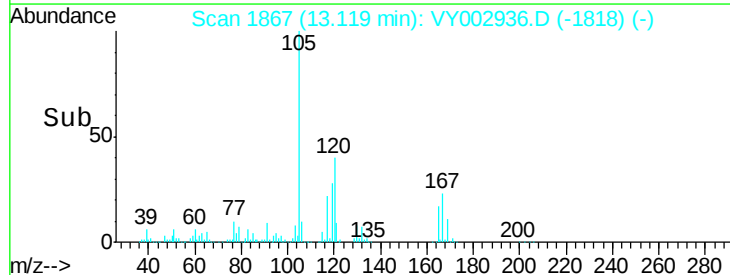
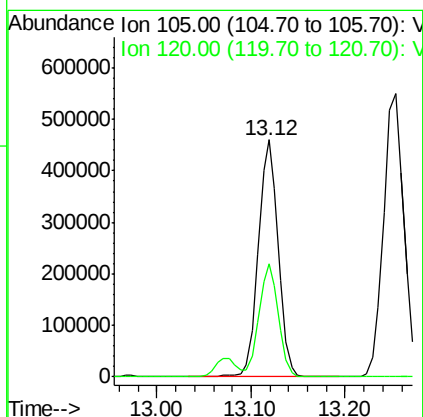
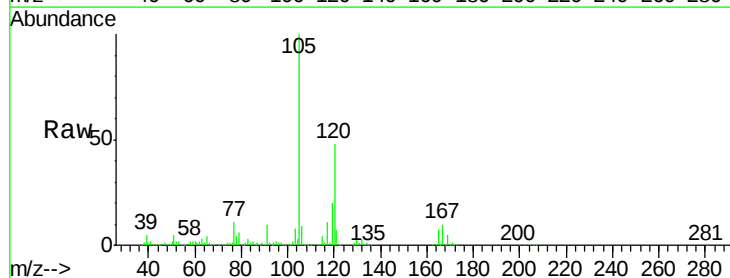
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

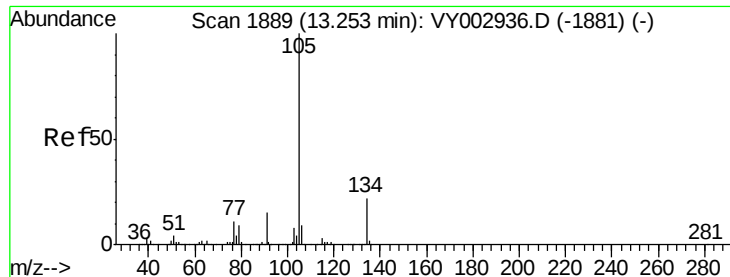
Tgt Ion:119 Resp: 607729
Ion Ratio Lower Upper
119 100
91 59.8 29.9 89.7
134 26.5 13.3 39.8



#84
1,2,4-Trimethylbenzene
Concen: 52.265 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY002936.D
Acq: 19 Jun 2020 14:01

Tgt Ion:105 Resp: 684472
Ion Ratio Lower Upper
105 100
120 47.0 23.5 70.5





#85

sec-Butylbenzene

Concen: 51.578 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY002936.D

Acq: 19 Jun 2020 14:01

Instrument :

MSVOA_Y

ClientSampleId :

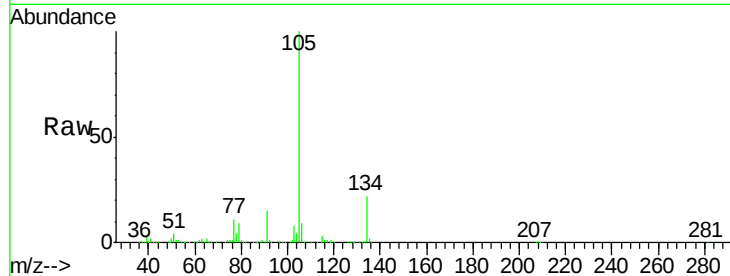
VSTDICCC050

Tgt Ion:105 Resp: 823253

Ion Ratio Lower Upper

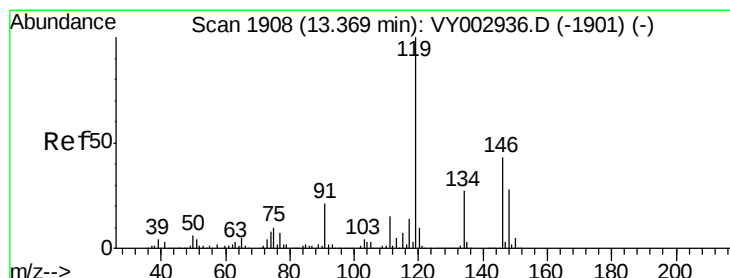
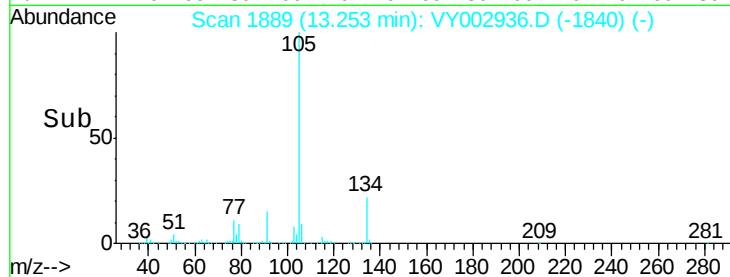
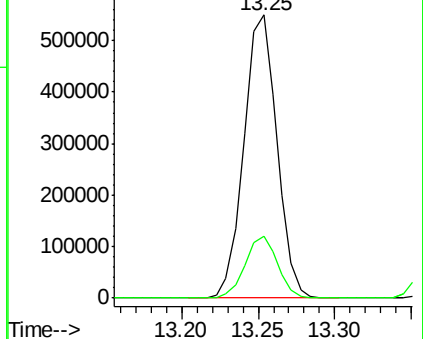
105 100

134 21.6 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.982 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY002936.D

Acq: 19 Jun 2020 14:01

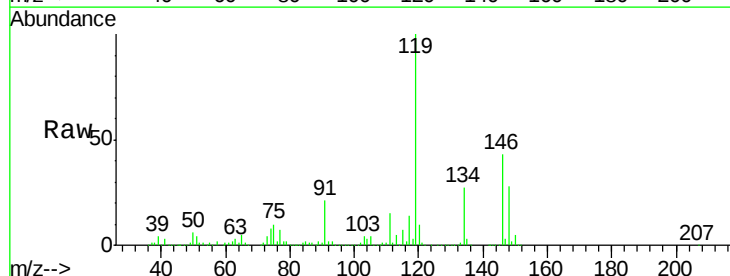
Tgt Ion:119 Resp: 775252

Ion Ratio Lower Upper

119 100

134 27.2 13.6 40.8

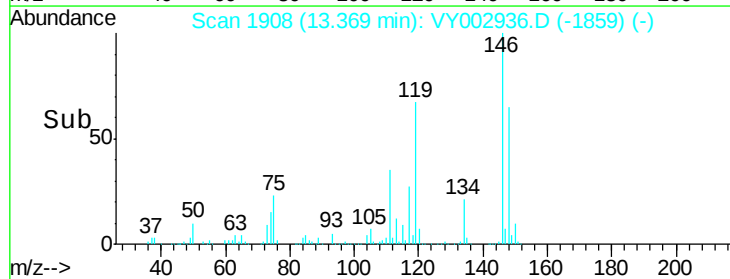
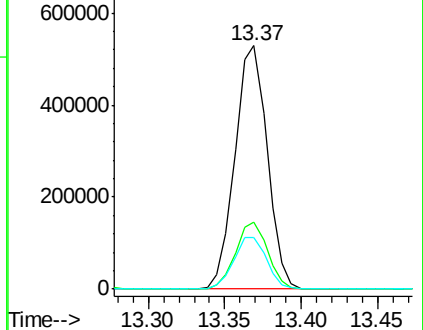
91 21.6 10.8 32.4

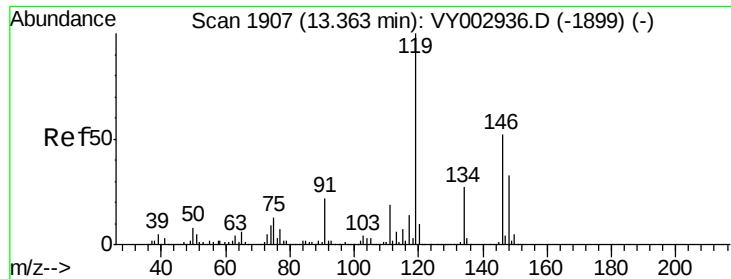


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

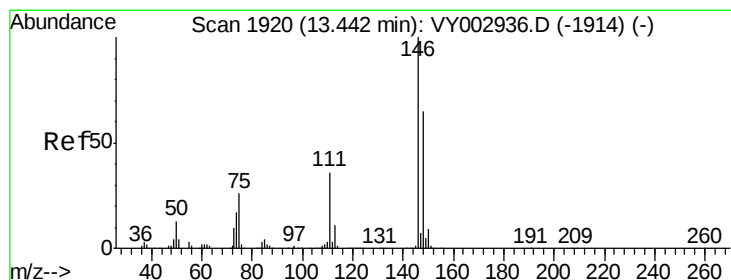
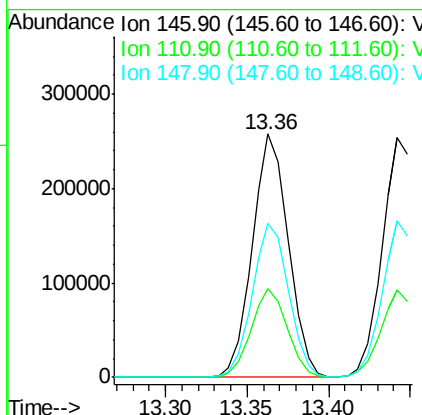
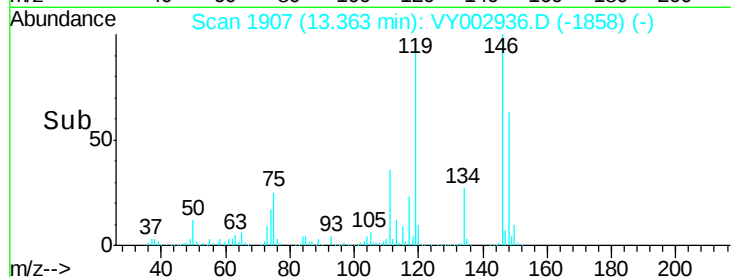
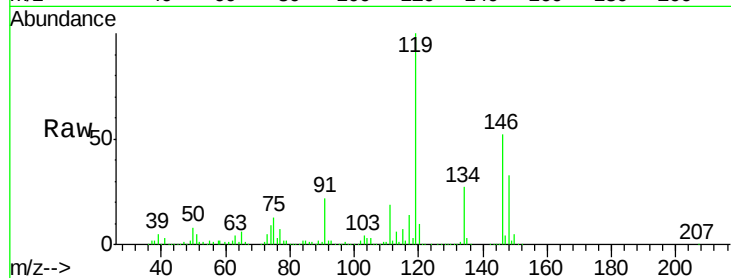




#87
 1,3-Dichlorobenzene
 Concen: 50.887 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY002936.D
 Acq: 19 Jun 2020 14:01

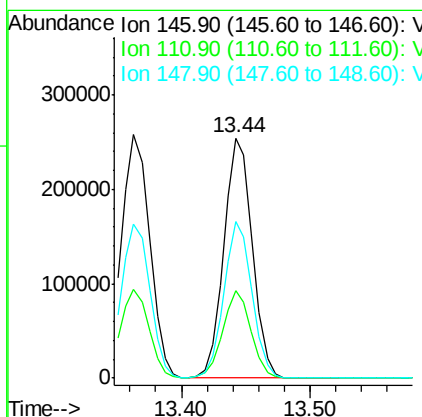
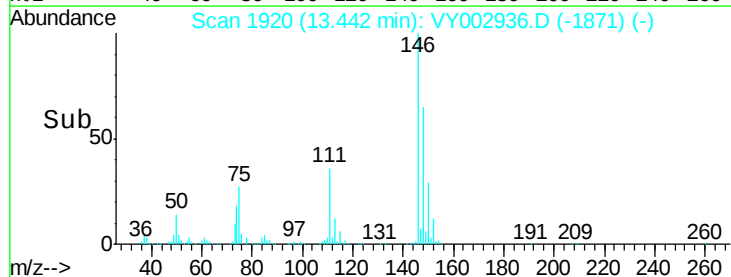
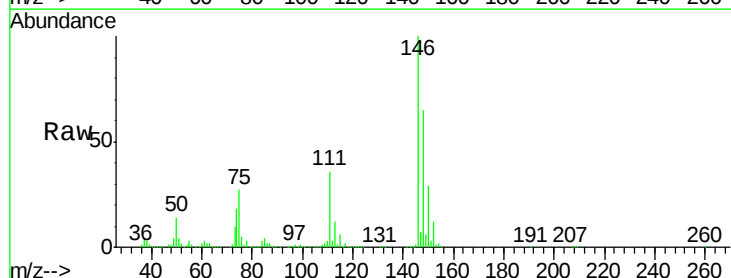
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

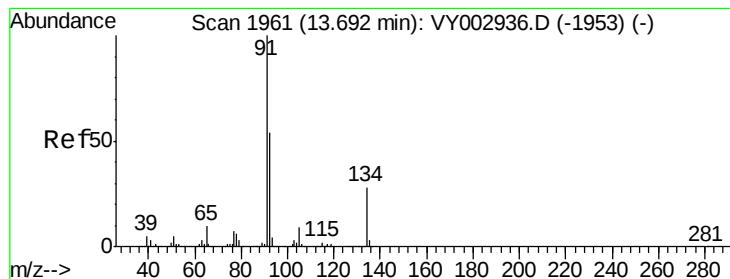
Tgt Ion:146 Resp: 394700
 Ion Ratio Lower Upper
 146 100
 111 36.4 18.2 54.6
 148 63.8 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 50.702 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY002936.D
 Acq: 19 Jun 2020 14:01

Tgt Ion:146 Resp: 394373
 Ion Ratio Lower Upper
 146 100
 111 35.9 17.9 53.8
 148 64.3 32.1 96.5

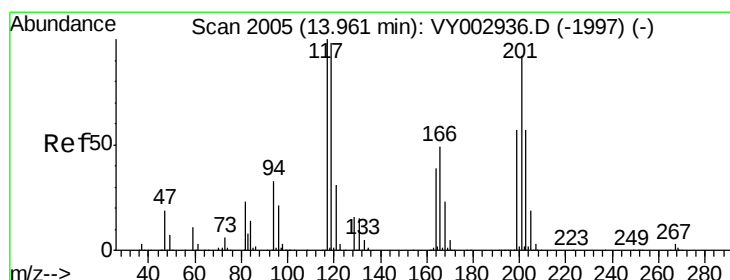
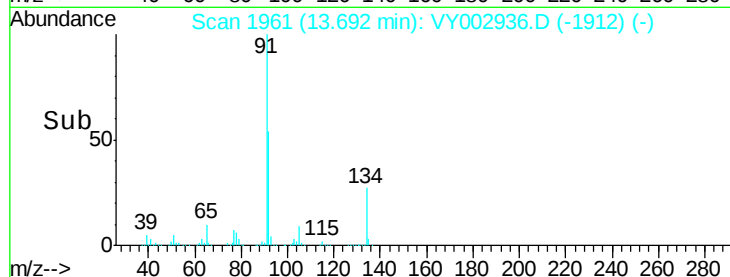
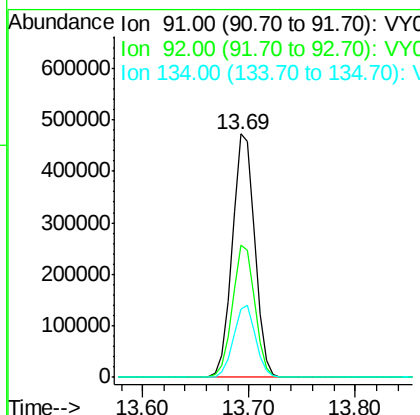
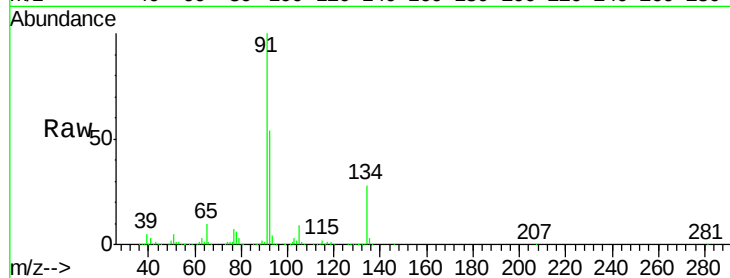




#89
n-Butylbenzene
Concen: 51.636 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY002936.D
Acq: 19 Jun 2020 14:01

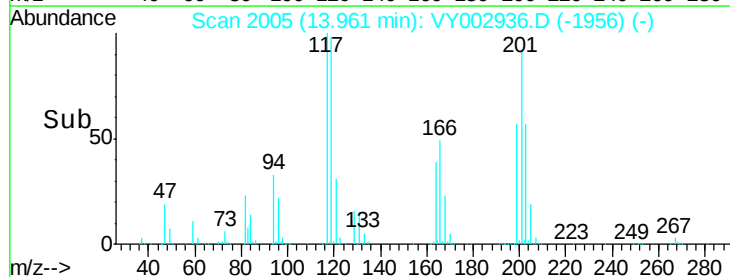
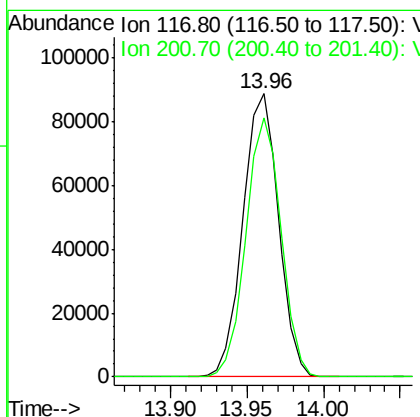
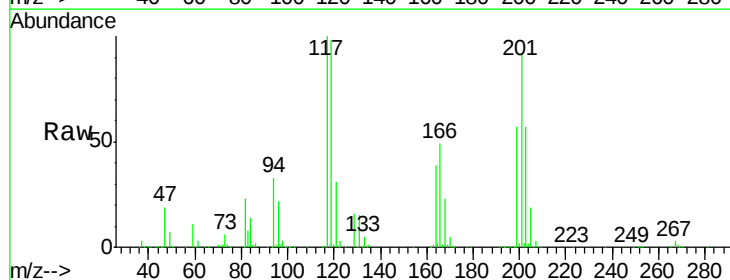
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

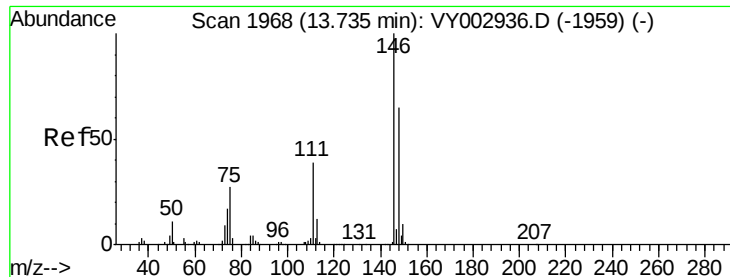
Tgt Ion: 91 Resp: 699017
Ion Ratio Lower Upper
91 100
92 53.9 27.0 80.8
134 29.0 14.5 43.5



#90
Hexachloroethane
Concen: 52.118 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY002936.D
Acq: 19 Jun 2020 14:01

Tgt Ion: 117 Resp: 143733
Ion Ratio Lower Upper
117 100
201 90.3 45.1 135.5

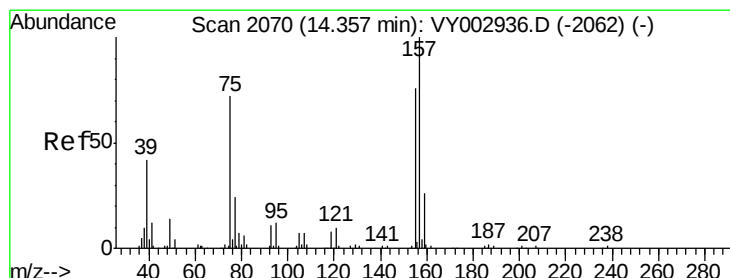
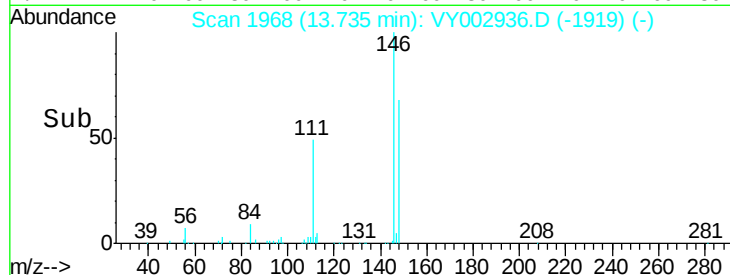
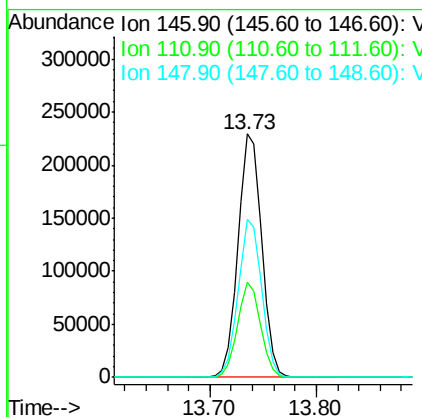
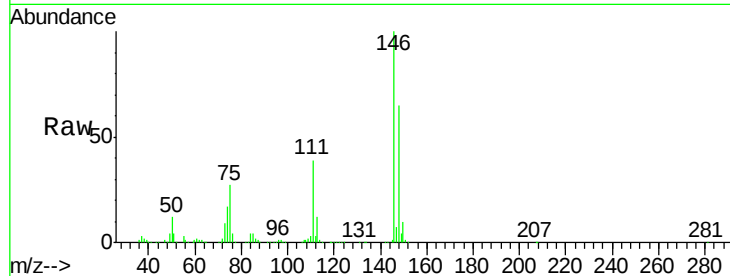




#91
 1,2-Dichlorobenzene
 Concen: 50.763 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY002936.D
 Acq: 19 Jun 2020 14:01

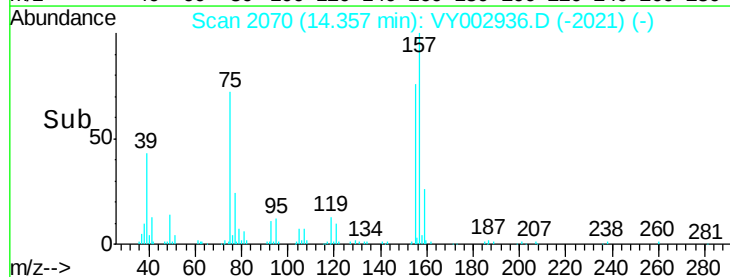
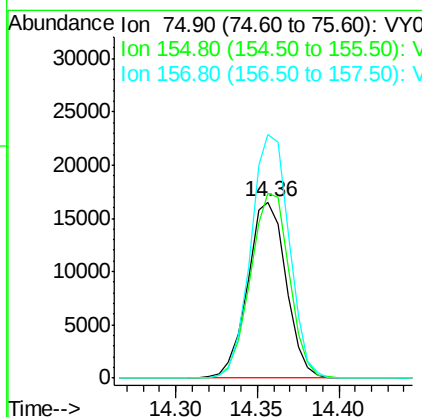
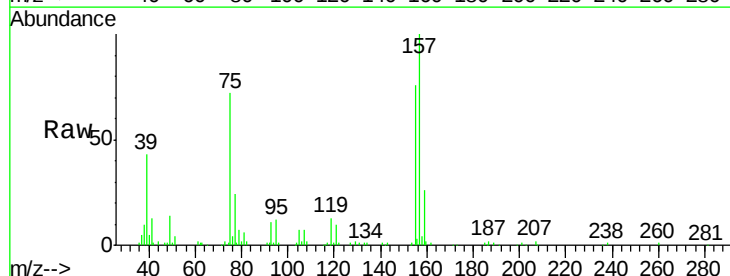
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

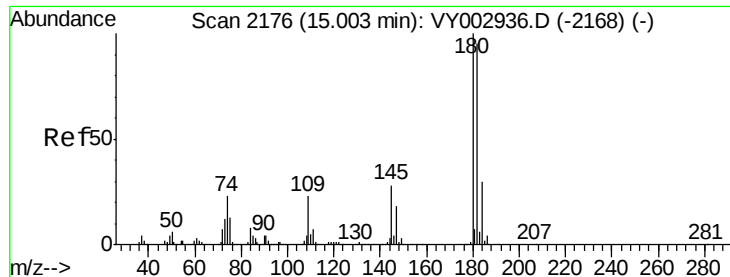
Tgt Ion: 146 Resp: 359090
 Ion Ratio Lower Upper
 146 100
 111 37.9 18.9 56.9
 148 64.1 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.098 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY002936.D
 Acq: 19 Jun 2020 14:01

Tgt Ion: 75 Resp: 27081
 Ion Ratio Lower Upper
 75 100
 155 106.3 53.1 159.4
 157 137.9 69.0 206.9

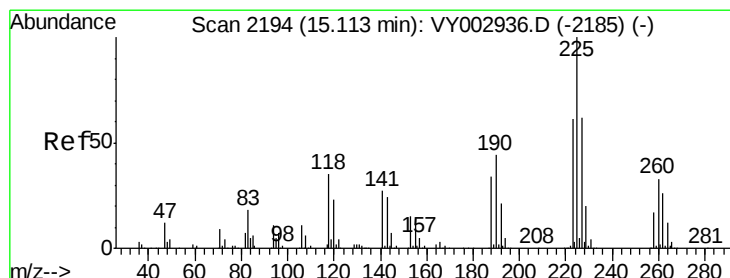
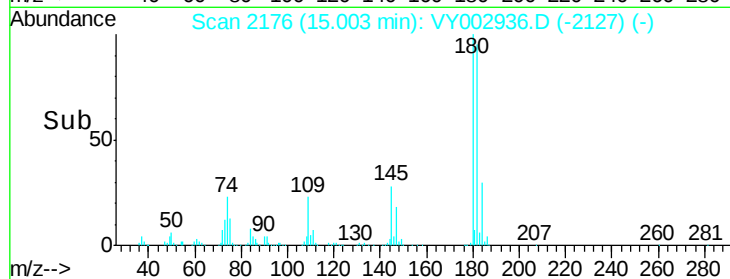
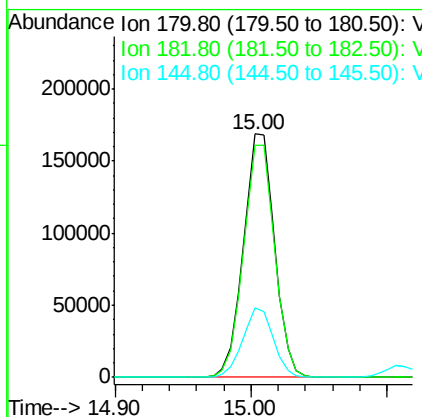
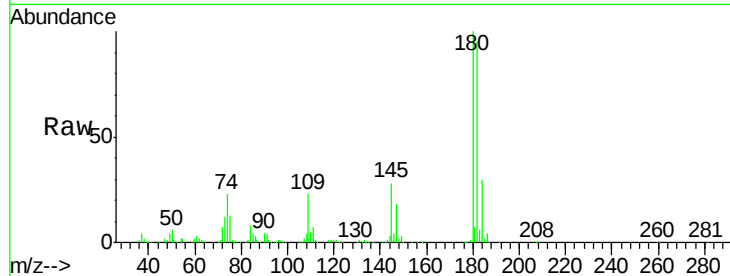




#93
 1,2,4-Trichlorobenzene
 Concen: 50.988 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY002936.D
 Acq: 19 Jun 2020 14:01

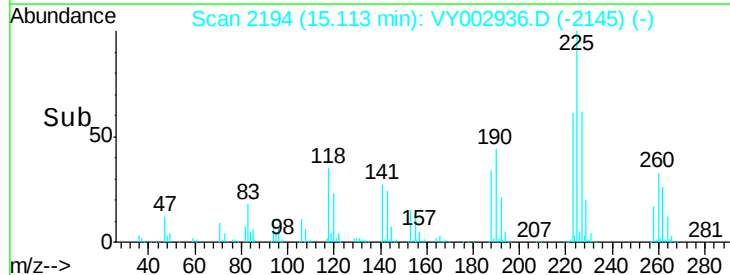
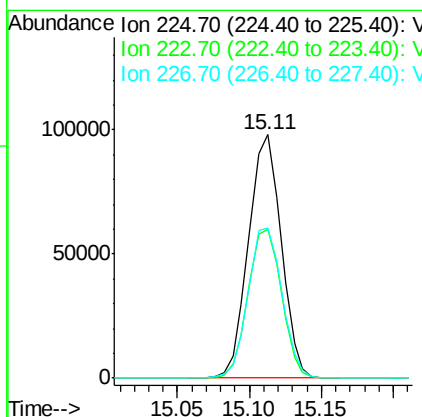
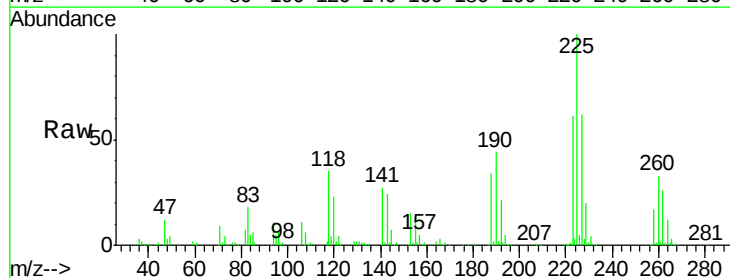
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

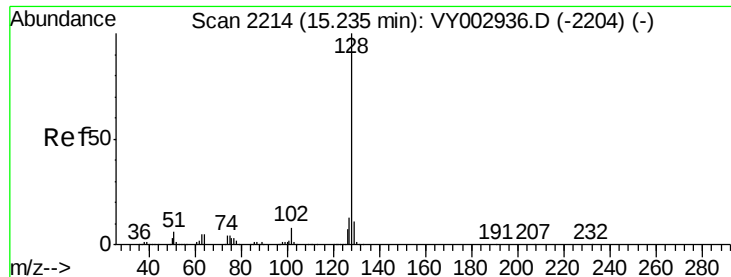
Tgt Ion:180 Resp: 270258
 Ion Ratio Lower Upper
 180 100
 182 95.7 47.9 143.6
 145 28.2 14.1 42.3



#94
 Hexachlorobutadiene
 Concen: 49.701 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY002936.D
 Acq: 19 Jun 2020 14:01

Tgt Ion:225 Resp: 153982
 Ion Ratio Lower Upper
 225 100
 223 62.5 31.3 93.8
 227 63.8 31.9 95.7

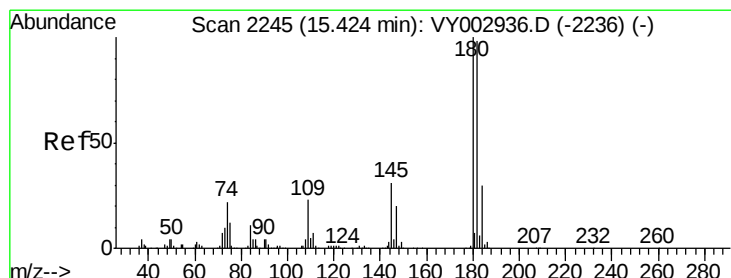
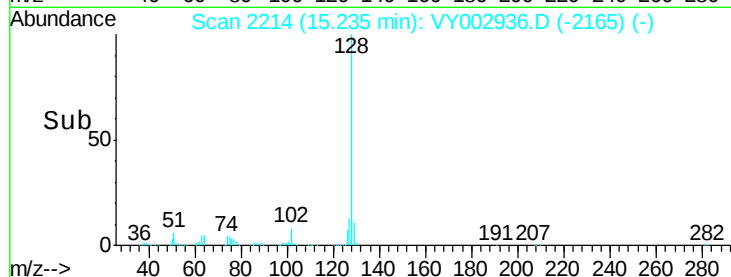
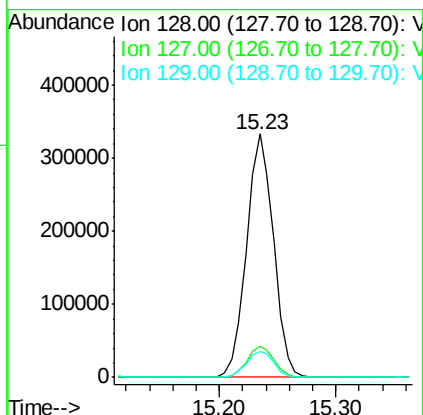
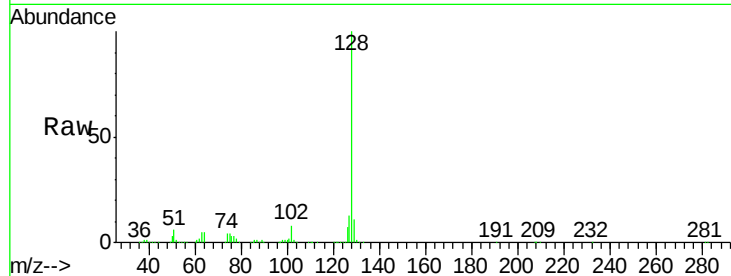




#95
Naphthalene
Concen: 51.905 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY002936.D
Acq: 19 Jun 2020 14:01

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:128 Resp: 537882
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 50.499 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY002936.D
Acq: 19 Jun 2020 14:01

Tgt Ion:180 Resp: 238480
Ion Ratio Lower Upper
180 100
182 95.5 47.8 143.3
145 30.0 15.0 45.0

