

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY100919\
 Data File : VY000236.D
 Acq On : 09 Oct 2019 11:36
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0ml/MSVOA_Y/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 10 01:43:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 09:24:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	271467	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	445238	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	412621	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	197858	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	153781	44.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.08%	
35) Dibromofluoromethane	7.72	113	128840	46.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.88%	
50) Toluene-d8	10.19	98	502561	46.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.24%	
62) 4-Bromofluorobenzene	12.49	95	180278	46.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.74%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.90	85	129185	47.668	ug/l	93
3) Chloromethane	2.12	50	154819	41.949	ug/l	94
4) Vinyl Chloride	2.25	62	167320	43.911	ug/l	100
5) Bromomethane	2.63	94	111057	46.193	ug/l	97
6) Chloroethane	2.79	64	107337	44.597	ug/l	98
7) Trichlorofluoromethane	3.12	101	229450	46.596	ug/l	98
8) Diethyl Ether	3.53	74	94969	42.182	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.90	101	135078	46.984	ug/l	99
10) Methyl Iodide	4.09	142	213099	45.685	ug/l	100
11) Tert butyl alcohol	4.97	59	419120	220.960	ug/l	100
12) 1,1-Dichloroethene	3.86	96	137874	46.194	ug/l	96
13) Acrolein	3.73	56	210441	211.356	ug/l	100
14) Allyl chloride	4.48	41	221064	43.956	ug/l	98
15) Acrylonitrile	5.17	53	751253	224.365	ug/l	99
16) Acetone	3.95	43	575214	208.014	ug/l	98
17) Carbon Disulfide	4.19	76	396384	45.060	ug/l	98
18) Methyl Acetate	4.48	43	341378	45.048	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	484520	44.373	ug/l	97
20) Methylene Chloride	4.72	84	153009	42.119	ug/l	95
21) trans-1,2-Dichloroethene	5.22	96	151845	45.225	ug/l	95
22) Diisopropyl ether	6.13	45	513792	44.096	ug/l	98
23) Vinyl Acetate	6.07	43	2395837	208.302	ug/l	99
24) 1,1-Dichloroethane	6.03	63	260015	43.749	ug/l	98
25) 2-Butanone	7.00	43	1152044	225.200	ug/l	98
26) 2,2-Dichloropropane	6.99	77	240761	44.876	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	174913	44.227	ug/l	99
28) Bromochloromethane	7.35	49	90558	46.292	ug/l	97
29) Tetrahydrofuran	7.36	42	831085	230.033	ug/l	100
30) Chloroform	7.52	83	271518	44.020	ug/l	92
31) Cyclohexane	7.78	56	261607	43.579	ug/l	99
32) 1,1,1-Trichloroethane	7.71	97	239746	45.719	ug/l	98
36) 1,1-Dichloropropene	7.92	75	210430	46.450	ug/l	100
37) Ethyl Acetate	7.08	43	374252	45.697	ug/l	100
38) Carbon Tetrachloride	7.91	117	218173	49.412	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	273969	48.206	ug/l	97
40) Benzene	8.17	78	640121	46.580	ug/l	99
41) Methacrylonitrile	7.35	41	627073	97.278	ug/l #	51
42) 1,2-Dichloroethane	8.25	62	213922	47.925	ug/l	100
43) Isopropyl Acetate	8.28	43	488713	46.361	ug/l	100
44) Trichloroethene	8.94	130	175419	47.071	ug/l	100
45) 1,2-Dichloropropane	9.22	63	162348	47.164	ug/l	97
46) Dibromomethane	9.31	93	109610	45.422	ug/l	98
47) Bromodichloromethane	9.50	83	220304	46.672	ug/l	91
48) Methyl methacrylate	9.30	41	221516	46.555	ug/l	98
49) 1,4-Dioxane	9.30	88	115547	945.998	ug/l	97
51) 4-Methyl-2-Pentanone	10.08	43	1934094	244.129	ug/l	99
52) Toluene	10.25	92	416066	47.204	ug/l	97
53) t-1,3-Dichloropropene	10.47	75	262064	48.936	ug/l	96
54) cis-1,3-Dichloropropene	9.94	75	275095	47.474	ug/l	96
55) 1,1,2-Trichloroethane	10.65	97	163409	47.017	ug/l	99
56) Ethyl methacrylate	10.52	69	290371	47.455	ug/l	98
57) 1,3-Dichloropropane	10.80	76	274118	46.193	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	829220	304.035	ug/l	100
59) 2-Hexanone	10.84	43	1652438	234.902	ug/l	99
60) Dibromochloromethane	10.99	129	175385	47.728	ug/l	99
61) 1,2-Dibromoethane	11.10	107	170688	46.235	ug/l	97
64) Tetrachloroethene	10.72	164	171484	45.468	ug/l	97
65) Chlorobenzene	11.52	112	428574	44.821	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.60	131	157649	46.118	ug/l	99
67) Ethyl Benzene	11.60	91	801495	46.890	ug/l	98
68) m/p-Xylenes	11.70	106	613508	94.066	ug/l	100
69) o-Xylene	12.03	106	294171	46.818	ug/l	96
70) Styrene	12.05	104	498782	46.085	ug/l	99
71) Bromoform	12.21	173	133652	47.382	ug/l #	98
73) Isopropylbenzene	12.33	105	781270	46.598	ug/l	100
74) N-amyl acetate	12.14	43	401430	45.355	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	260100	45.457	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	404713	77.474	ug/l #	100
77) Bromobenzene	12.61	156	183501	46.673	ug/l	95
78) n-propylbenzene	12.67	91	942202	48.112	ug/l	99
79) 2-Chlorotoluene	12.76	91	520036	46.122	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	662093	47.327	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	118944	44.287	ug/l #	89
82) 4-Chlorotoluene	12.86	91	545343	47.752	ug/l	100
83) tert-Butylbenzene	13.08	119	564619	46.435	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	664223	47.521	ug/l	99
85) sec-Butylbenzene	13.25	105	809734	48.313	ug/l	100
86) p-Isopropyltoluene	13.37	119	712858	48.368	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	341198	47.883	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	344464	46.409	ug/l	99
89) n-Butylbenzene	13.70	91	676076	48.673	ug/l	99
90) Hexachloroethane	13.96	117	133558	47.906	ug/l	97
91) 1,2-Dichlorobenzene	13.74	146	330515	45.827	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	87727	45.417	ug/l	97

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QLast Update : Wed Oct 09 09:24:50 2019
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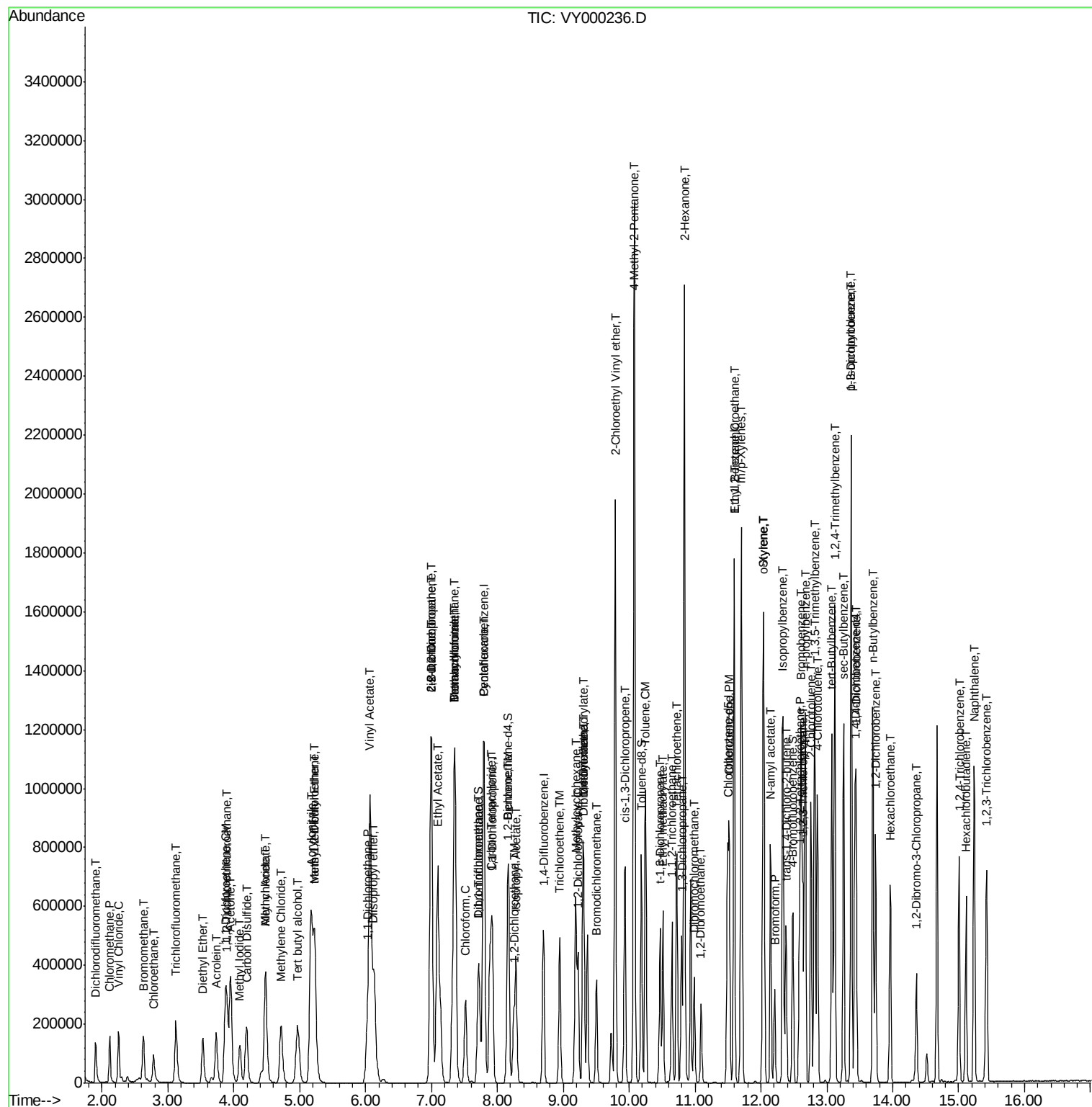
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	222635	45.464	ug/l	99
94) Hexachlorobutadiene	15.11	225	107856	46.090	ug/l	99
95) Naphthalene	15.23	128	856394	46.488	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	221782	47.084	ug/l	99

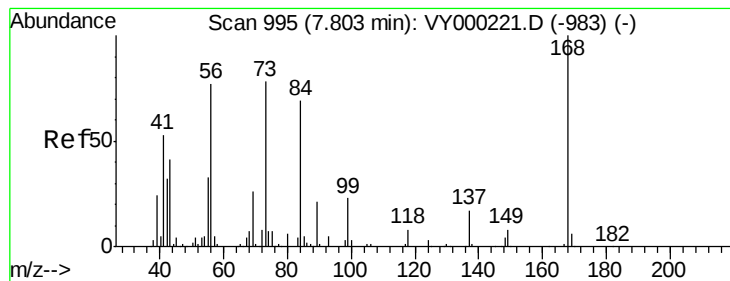
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY000236.D

Acq: 09 Oct 2019 11:36

Instrument :

MSVOA_Y

ClientSampleId :

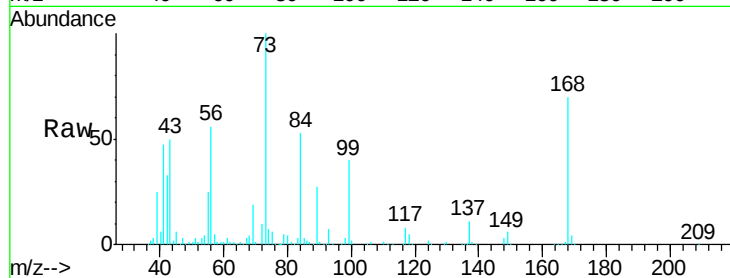
VSTDCCC050

Tgt Ion:168 Resp: 271467

Ion Ratio Lower Upper

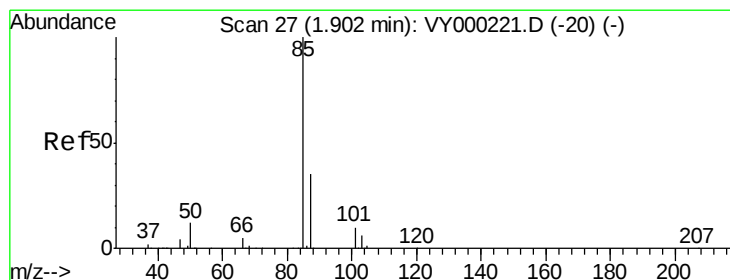
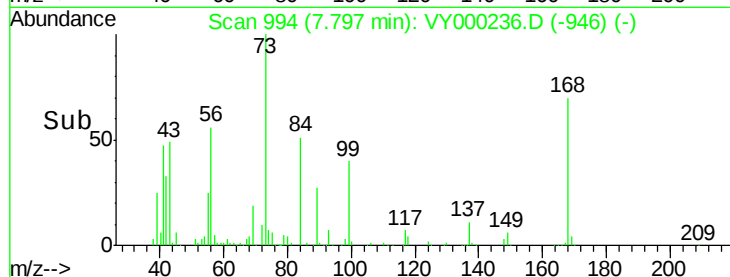
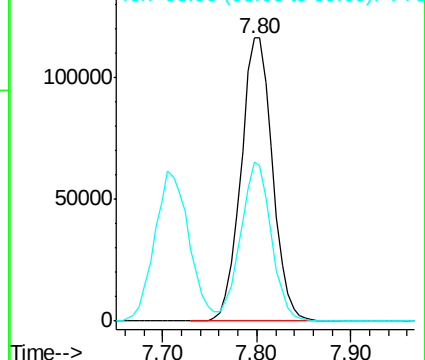
168 100

99 56.4 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VY0



#2

Dichlorodifluoromethane

Concen: 47.668 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY000236.D

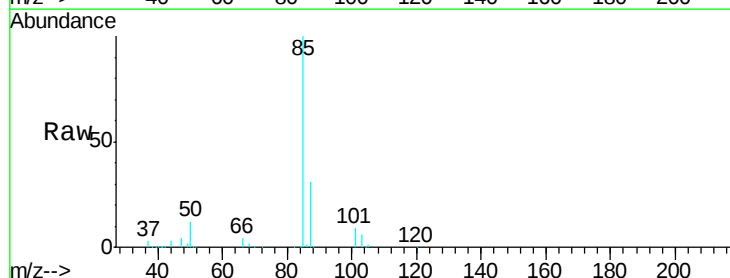
Acq: 09 Oct 2019 11:36

Tgt Ion: 85 Resp: 129185

Ion Ratio Lower Upper

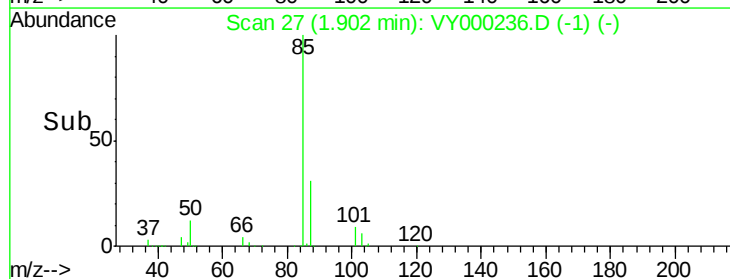
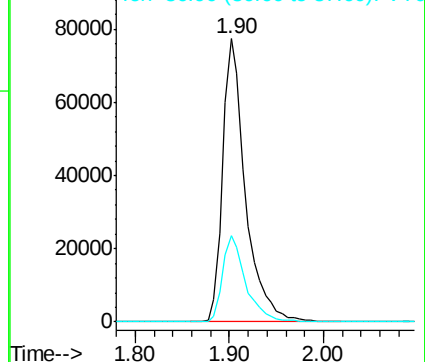
85 100

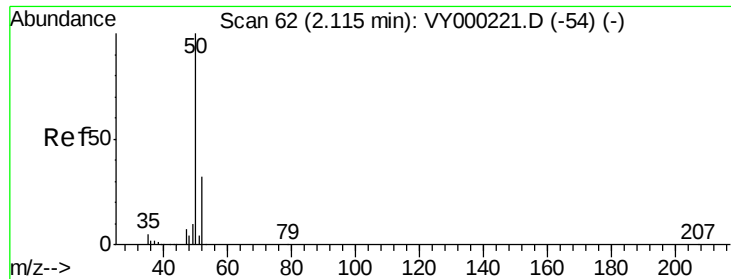
87 30.6 17.4 52.2



Abundance Ion 84.90 (84.60 to 85.60): VY0

Ion 86.90 (86.60 to 87.60): VY0





#3

Chloromethane

Concen: 41.949 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY000236.D

Acq: 09 Oct 2019 11:36

Instrument :

MSVOA_Y

ClientSampleId :

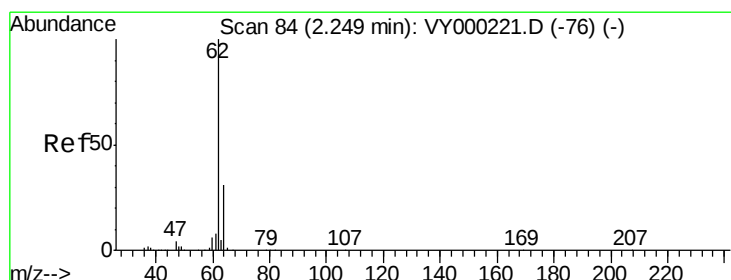
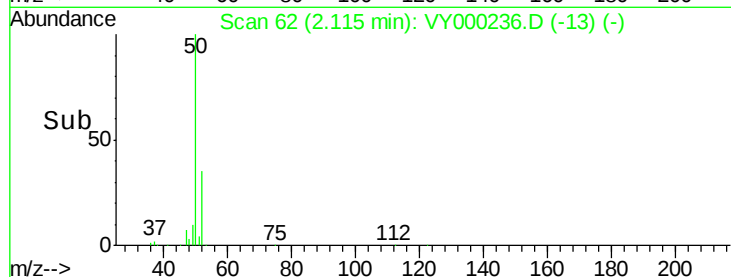
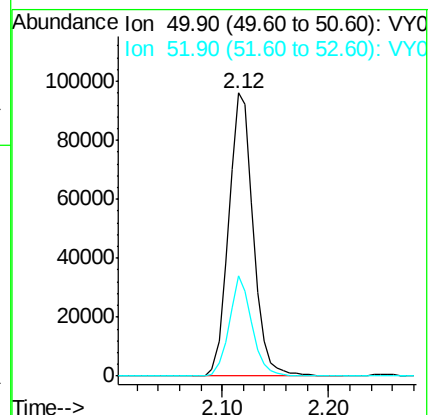
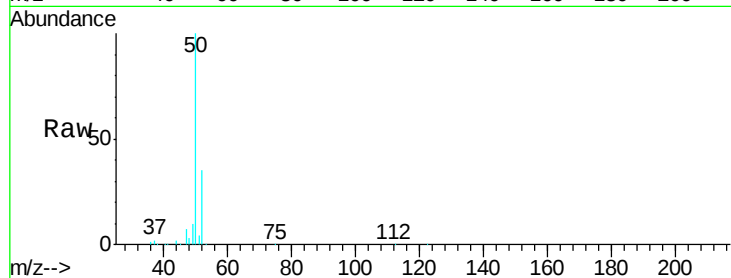
VSTDCCC050

Tgt Ion: 50 Resp: 154819

Ion Ratio Lower Upper

50 100

52 35.3 25.4 38.0



#4

Vinyl Chloride

Concen: 43.911 ug/l

RT: 2.25 min Scan# 84

Delta R.T. 0.00 min

Lab File: VY000236.D

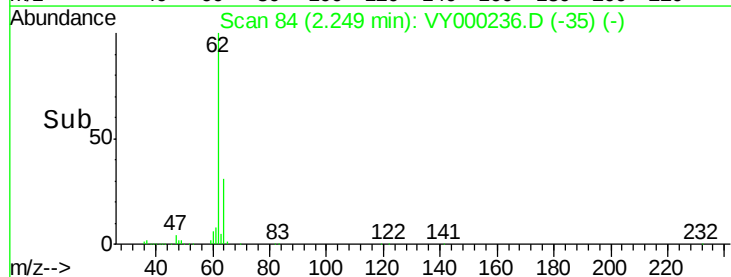
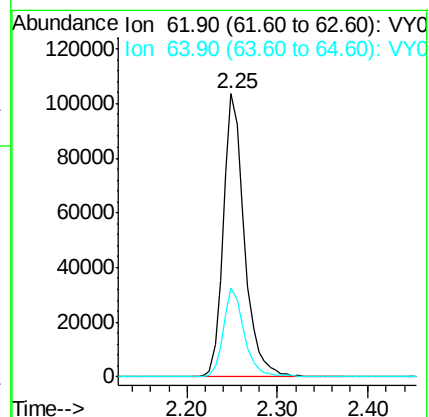
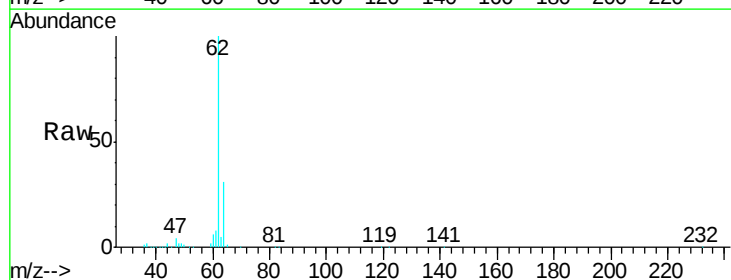
Acq: 09 Oct 2019 11:36

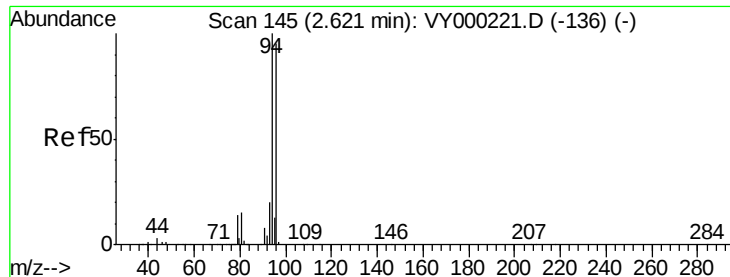
Tgt Ion: 62 Resp: 167320

Ion Ratio Lower Upper

62 100

64 31.3 25.0 37.6





#5

Bromomethane

Concen: 46.193 ug/l

RT: 2.63 min Scan# 146

Delta R.T. 0.01 min

Lab File: VY000236.D

Acq: 09 Oct 2019 11:36

Instrument :

MSVOA_Y

ClientSampleId :

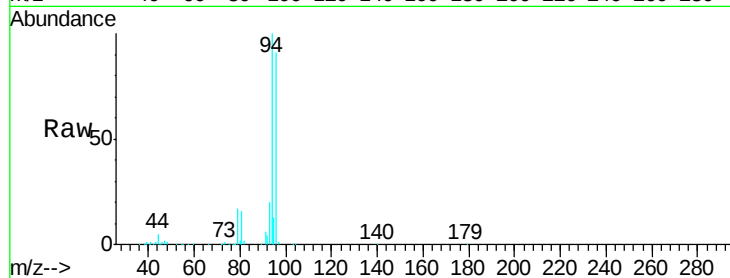
VSTDCCC050

Tgt Ion: 94 Resp: 111057

Ion Ratio Lower Upper

94 100

96 91.5 75.7 113.5



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.63

60000

50000

40000

30000

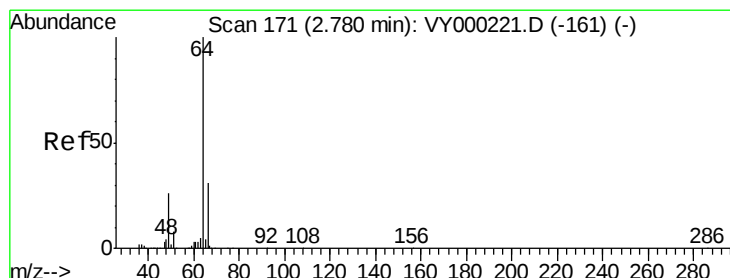
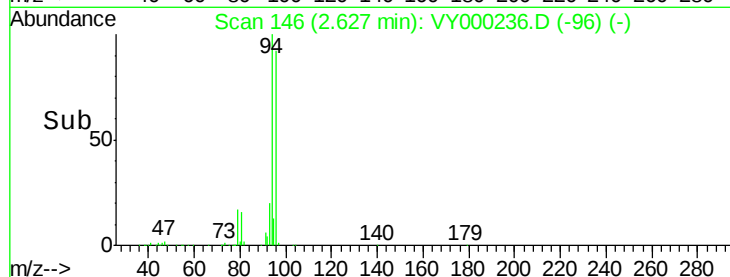
20000

10000

0

Time-->

2.55 2.60 2.65 2.70



#6

Chloroethane

Concen: 44.597 ug/l

RT: 2.79 min Scan# 172

Delta R.T. 0.01 min

Lab File: VY000236.D

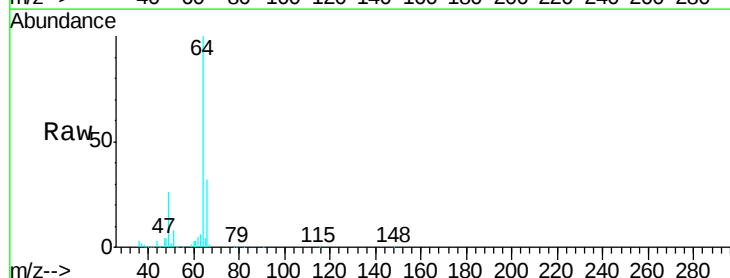
Acq: 09 Oct 2019 11:36

Tgt Ion: 64 Resp: 107337

Ion Ratio Lower Upper

64 100

66 31.6 24.5 36.7



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.79

50000

40000

30000

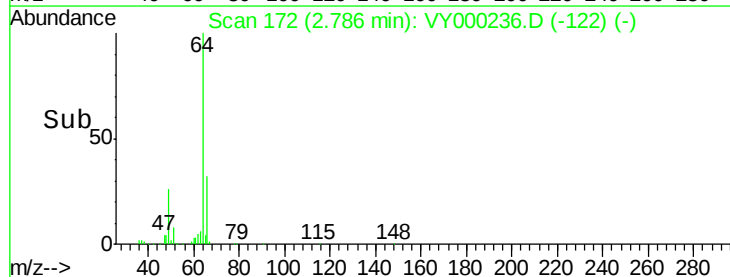
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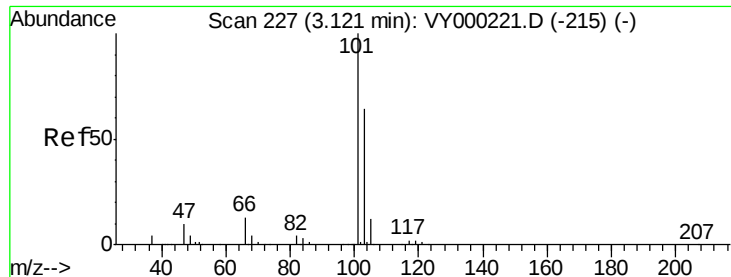
10000

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Time-->

2.70 2.80 2.90



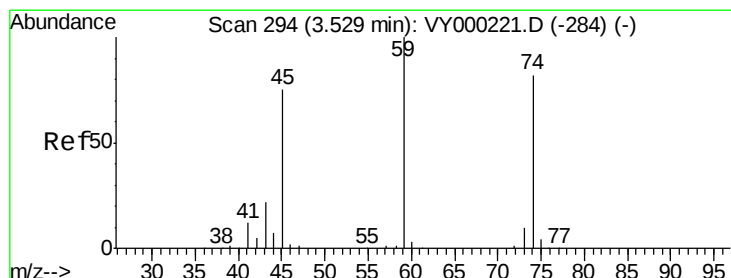
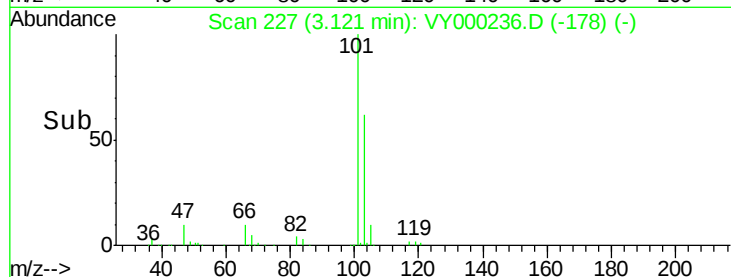
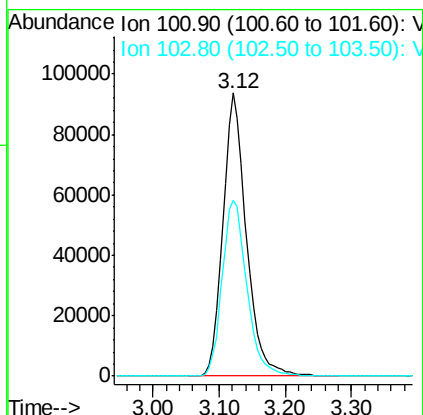
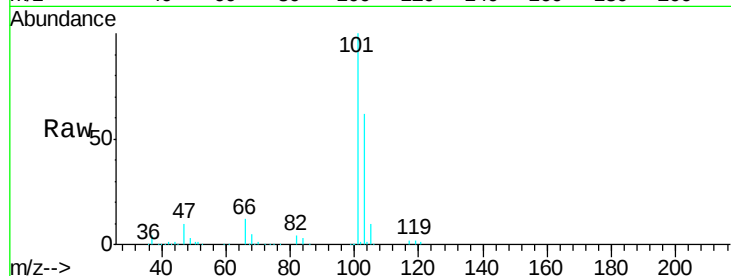


#7

Trichlorofluoromethane
 Concen: 46.596 ug/l
 RT: 3.12 min Scan# 227
 Delta R.T. 0.00 min
 Lab File: VY000236.D
 Acq: 09 Oct 2019 11:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

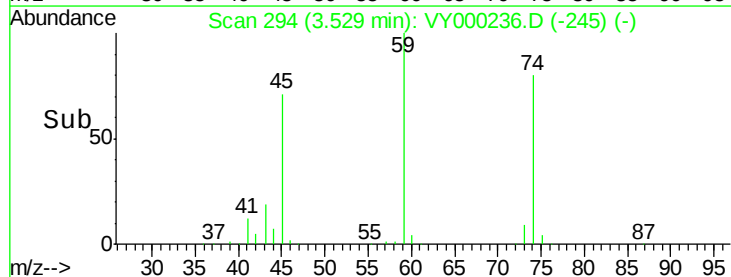
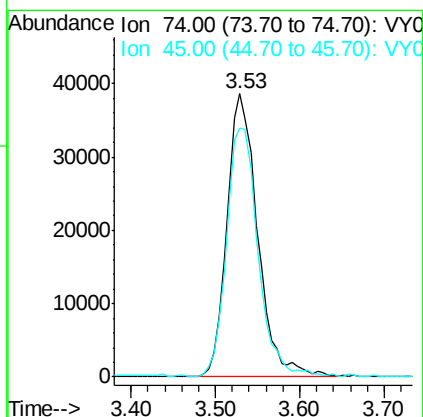
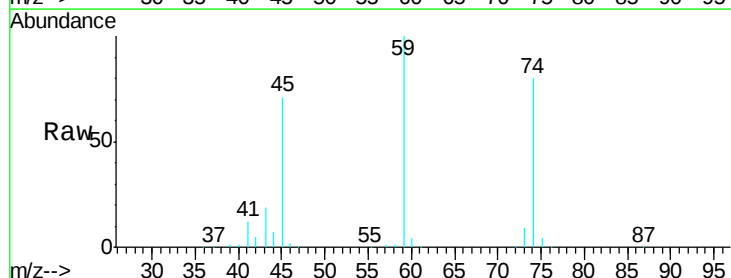
Tgt Ion:101 Resp: 229450
 Ion Ratio Lower Upper
 101 100
 103 62.1 51.0 76.6

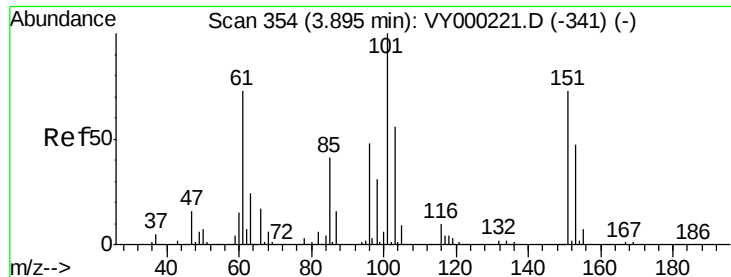


#8

Diethyl Ether
 Concen: 42.182 ug/l
 RT: 3.53 min Scan# 294
 Delta R.T. 0.00 min
 Lab File: VY000236.D
 Acq: 09 Oct 2019 11:36

Tgt Ion: 74 Resp: 94969
 Ion Ratio Lower Upper
 74 100
 45 91.1 45.8 137.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.984 ug/l

RT: 3.90 min Scan# 355

Delta R.T. 0.01 min

Lab File: VY000236.D

Acq: 09 Oct 2019 11:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

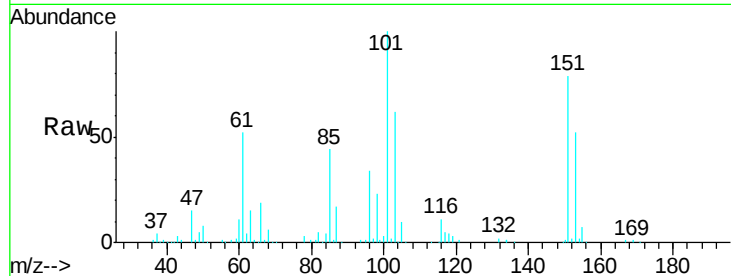
Tgt Ion:101 Resp: 135078

Ion Ratio Lower Upper

101 100

85 45.9 37.0 55.6

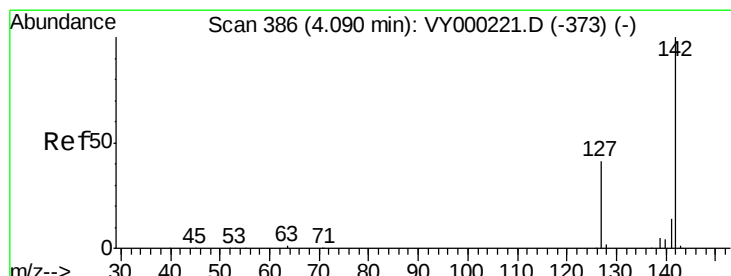
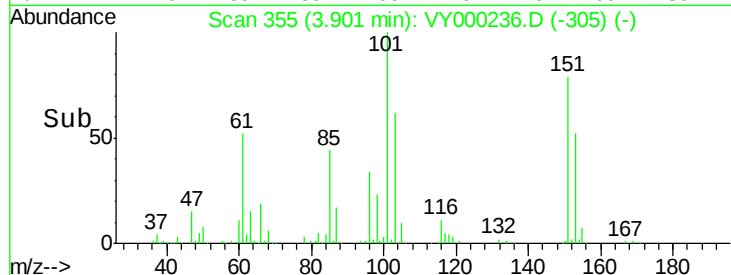
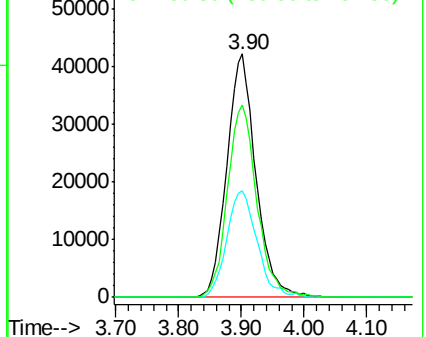
151 80.2 63.0 94.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 45.685 ug/l

RT: 4.09 min Scan# 386

Delta R.T. 0.00 min

Lab File: VY000236.D

Acq: 09 Oct 2019 11:36

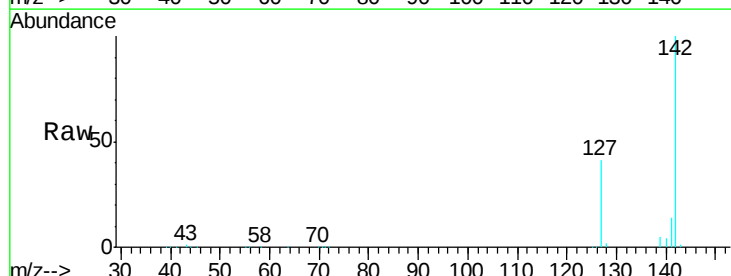
Tgt Ion:142 Resp: 213099

Ion Ratio Lower Upper

142 100

127 41.3 33.0 49.6

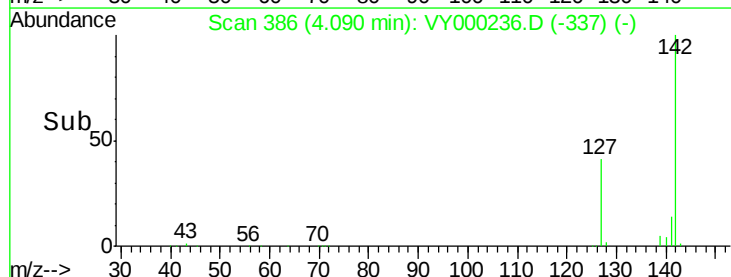
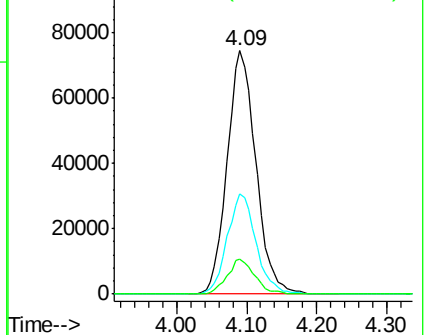
141 13.8 11.0 16.4

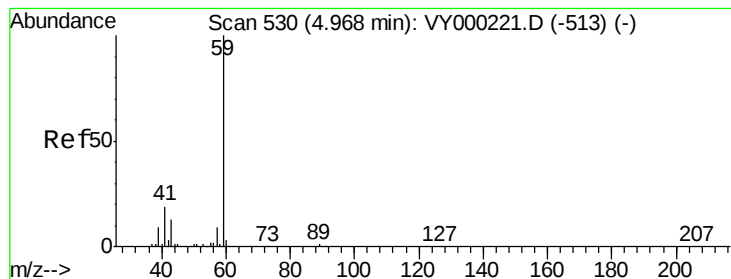


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 220.960 ug/l

RT: 4.97 min Scan# 530

Delta R.T. 0.00 min

Lab File: VY000236.D

Acq: 09 Oct 2019 11:36

Instrument :

MSVOA_Y

ClientSampleId :

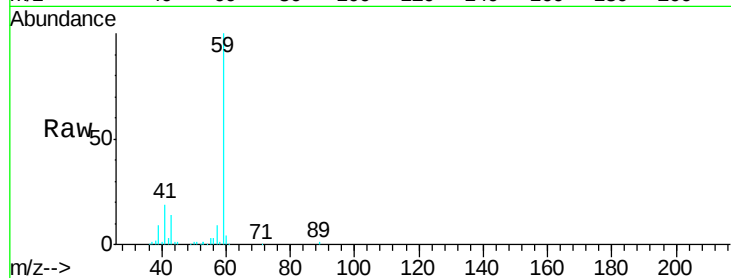
VSTDCCC050

Tgt Ion: 59 Resp: 419120

Ion Ratio Lower Upper

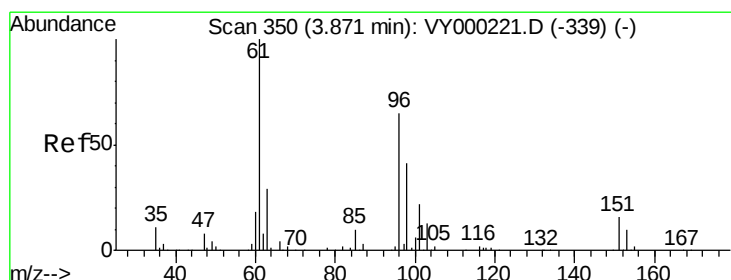
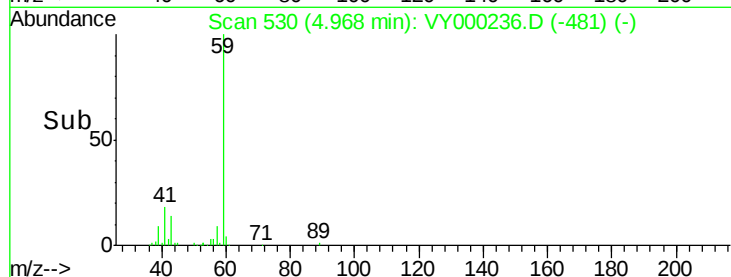
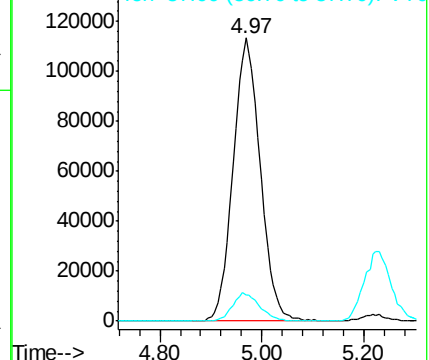
59 100

57 9.9 8.0 12.0



Abundance Ion 59.00 (58.70 to 59.70): VY0

Ion 57.00 (56.70 to 57.70): VY0



#12

1,1-Dichloroethene

Concen: 46.194 ug/l

RT: 3.86 min Scan# 349

Delta R.T. -0.01 min

Lab File: VY000236.D

Acq: 09 Oct 2019 11:36

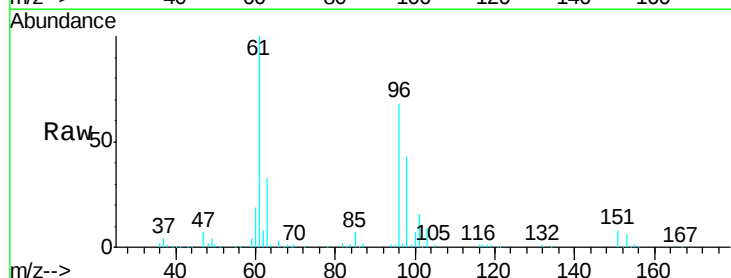
Tgt Ion: 96 Resp: 137874

Ion Ratio Lower Upper

96 100

61 147.2 123.8 185.8

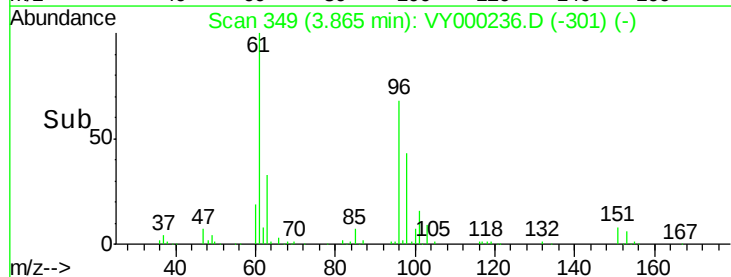
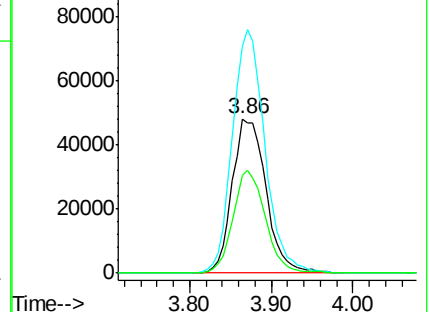
98 63.4 50.9 76.3

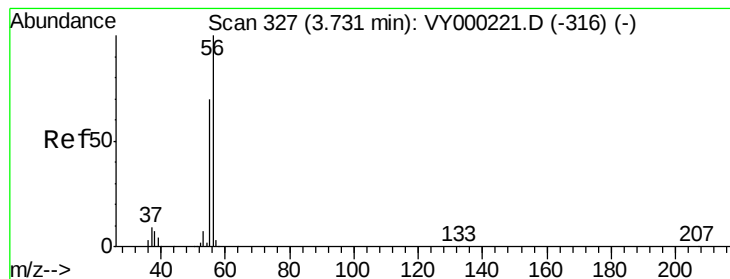


Abundance Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#13

Acrolein

Concen: 211.356 ug/l

RT: 3.73 min Scan# 327

Delta R.T. 0.00 min

Lab File: VY000236.D

Acq: 09 Oct 2019 11:36

Instrument :

MSVOA_Y

ClientSampleId :

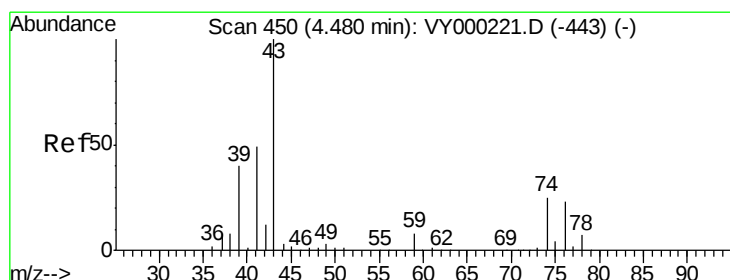
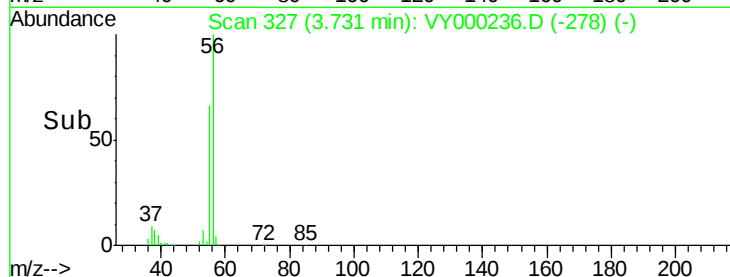
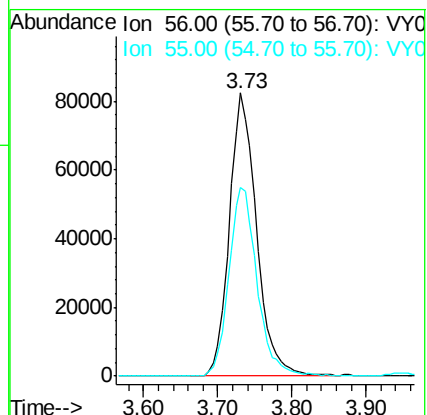
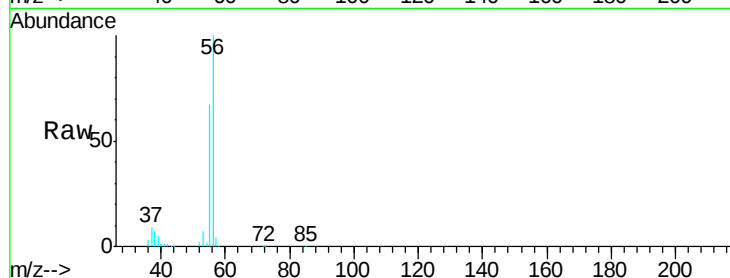
VSTDCCC050

Tgt Ion: 56 Resp: 210441

Ion Ratio Lower Upper

56 100

55 69.1 55.2 82.8



#14

Allyl chloride

Concen: 43.956 ug/l

RT: 4.48 min Scan# 450

Delta R.T. 0.00 min

Lab File: VY000236.D

Acq: 09 Oct 2019 11:36

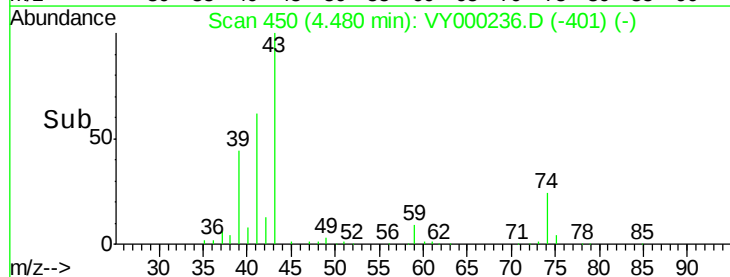
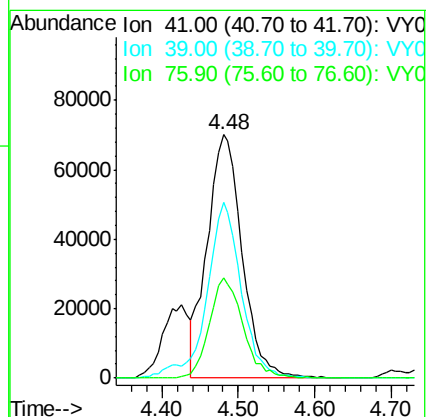
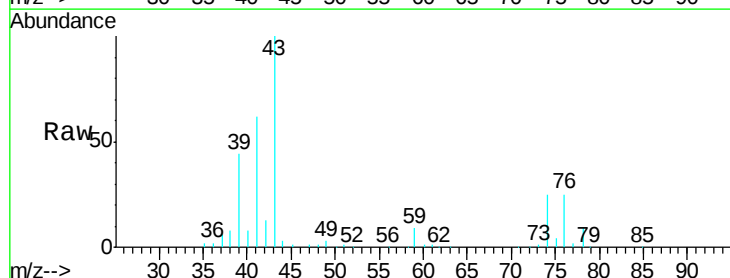
Tgt Ion: 41 Resp: 221064

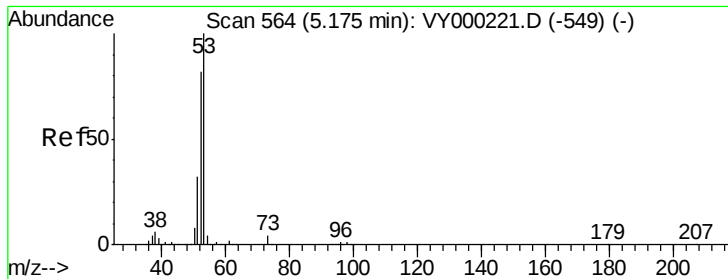
Ion Ratio Lower Upper

41 100

39 71.7 56.4 84.6

76 39.6 30.8 46.2





#15

Acrylonitrile

Concen: 224.365 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.01 min

Lab File: VY000236.D

Acq: 09 Oct 2019 11:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

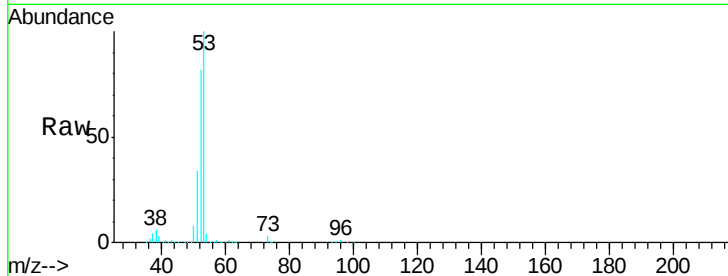
Tgt Ion: 53 Resp: 751253

Ion Ratio Lower Upper

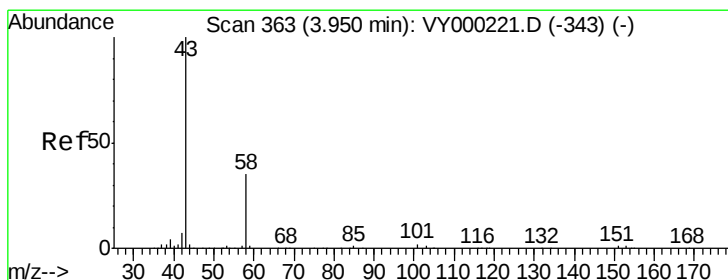
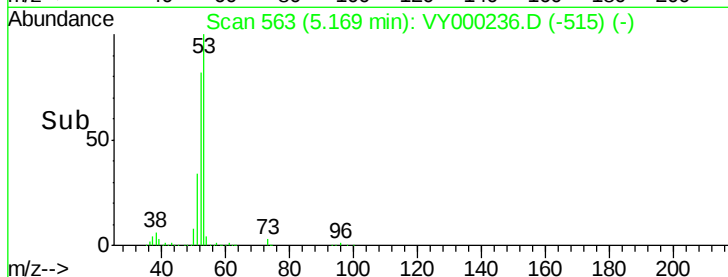
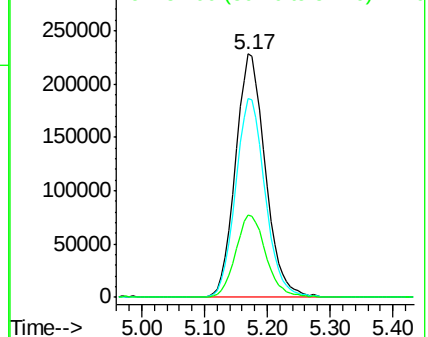
53 100

52 81.0 65.4 98.2

51 34.4 27.2 40.8



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: 208.014 ug/l

RT: 3.95 min Scan# 363

Delta R.T. 0.00 min

Lab File: VY000236.D

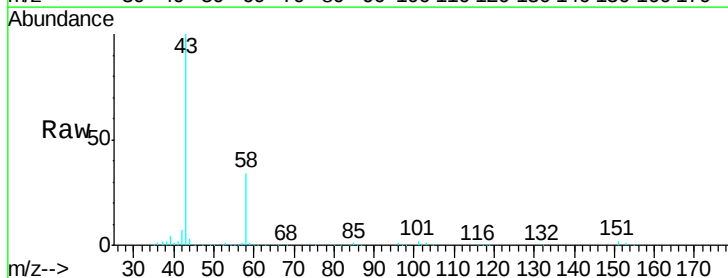
Acq: 09 Oct 2019 11:36

Tgt Ion: 43 Resp: 575214

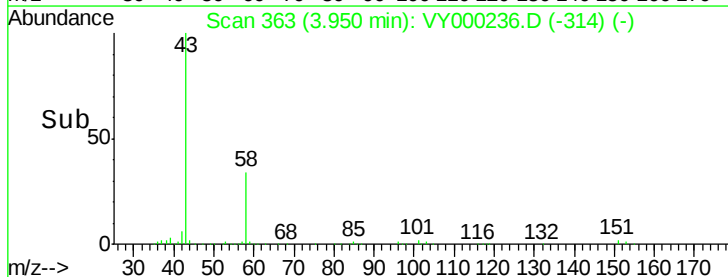
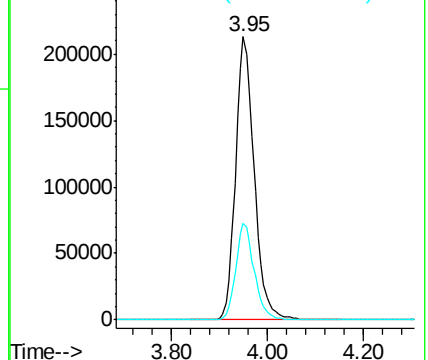
Ion Ratio Lower Upper

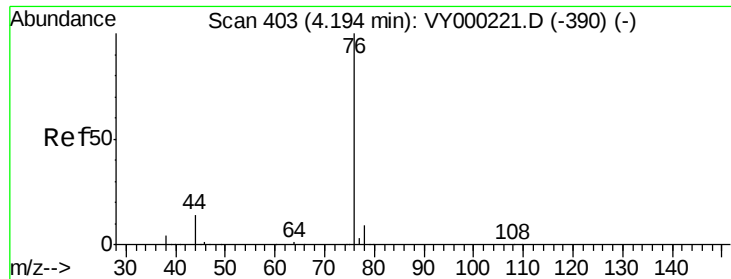
43 100

58 34.1 28.2 42.4



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

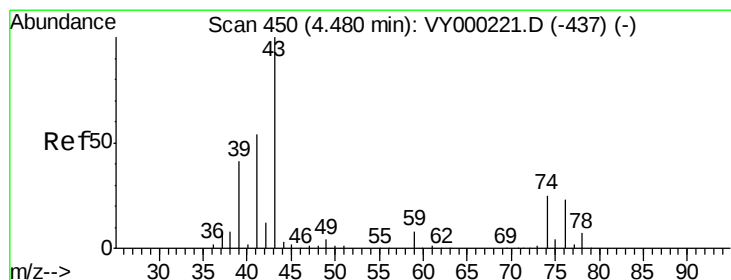
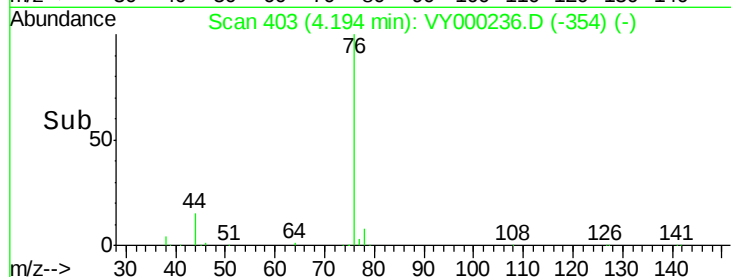
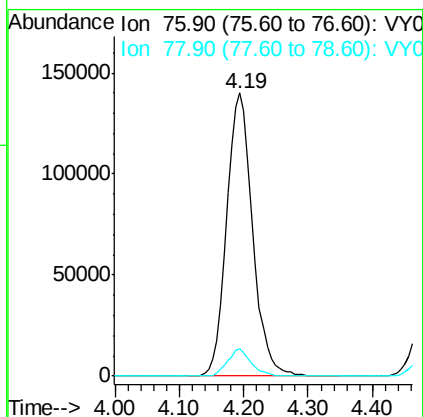
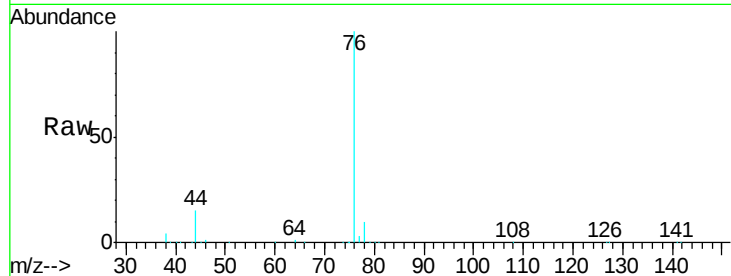




#17
Carbon Disulfide
Concen: 45.060 ug/l
RT: 4.19 min Scan# 403
Delta R.T. 0.00 min
Lab File: VY000236.D
Acq: 09 Oct 2019 11:36

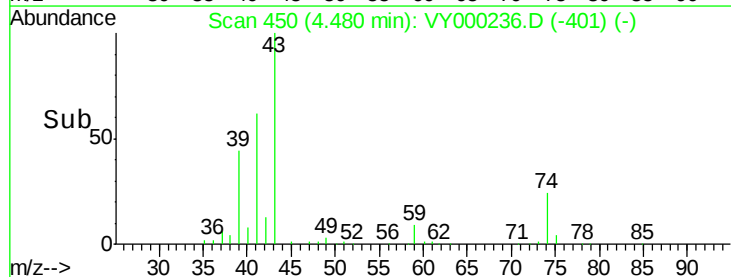
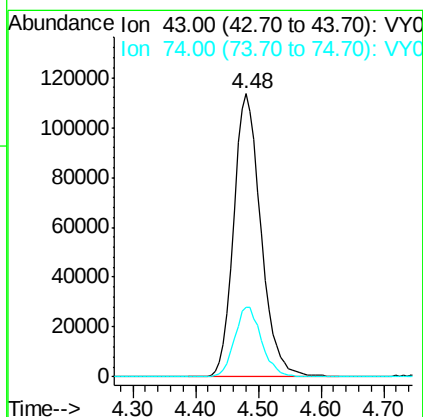
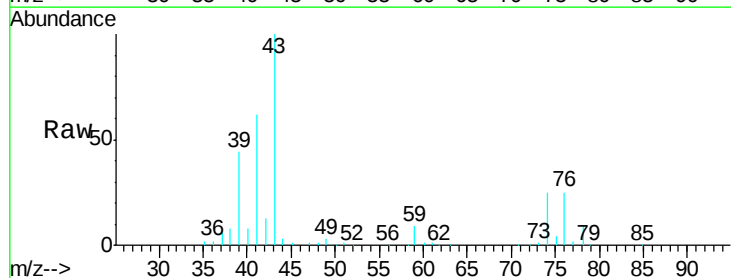
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

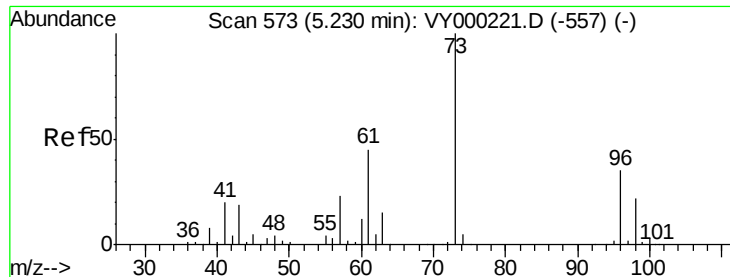
Tgt Ion: 76 Resp: 396384
Ion Ratio Lower Upper
76 100
78 9.5 7.0 10.6



#18
Methyl Acetate
Concen: 45.048 ug/l
RT: 4.48 min Scan# 450
Delta R.T. 0.00 min
Lab File: VY000236.D
Acq: 09 Oct 2019 11:36

Tgt Ion: 43 Resp: 341378
Ion Ratio Lower Upper
43 100
74 24.4 19.1 28.7

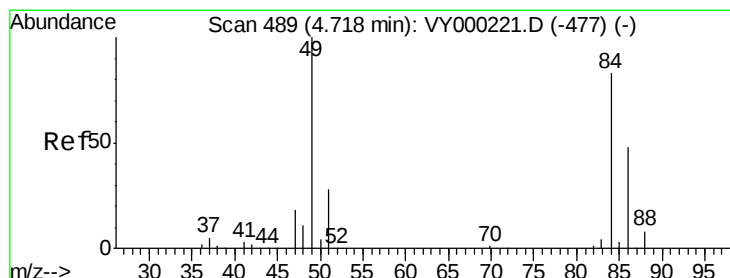
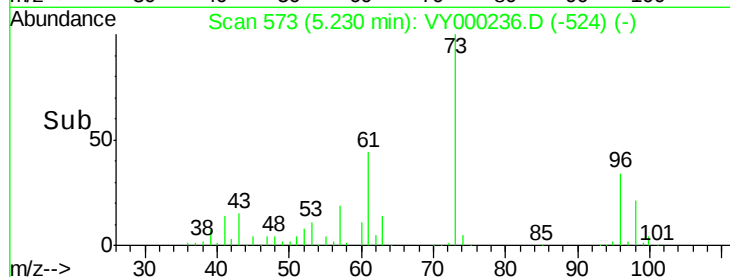
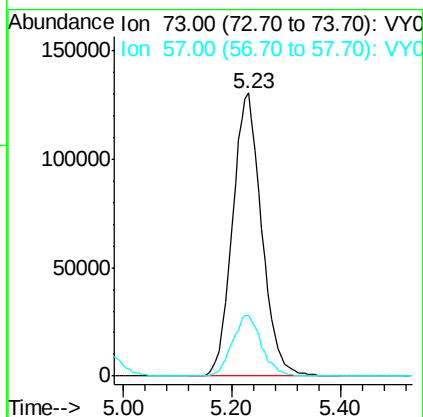
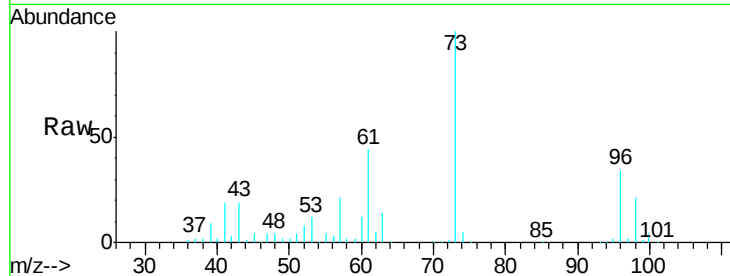




#19
Methyl tert-butyl Ether
Concen: 44.373 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.00 min
Lab File: VY000236.D
Acq: 09 Oct 2019 11:36

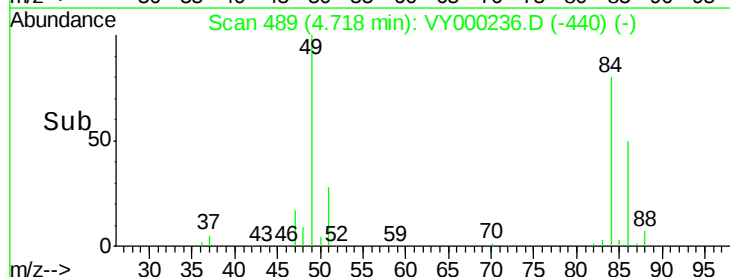
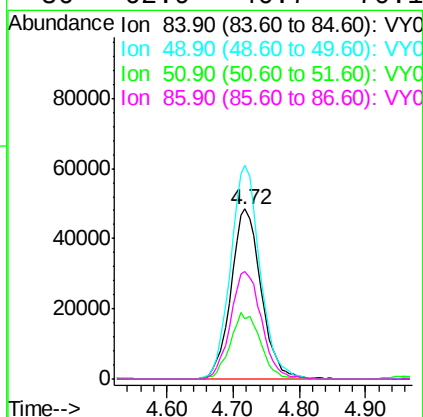
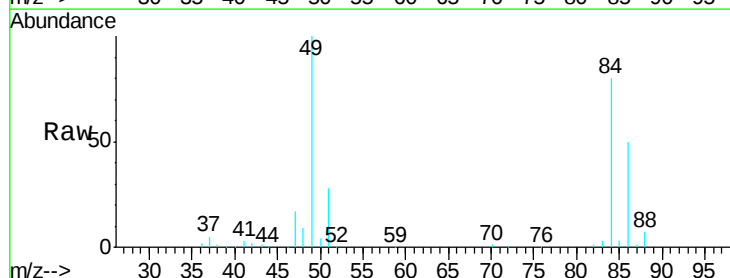
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

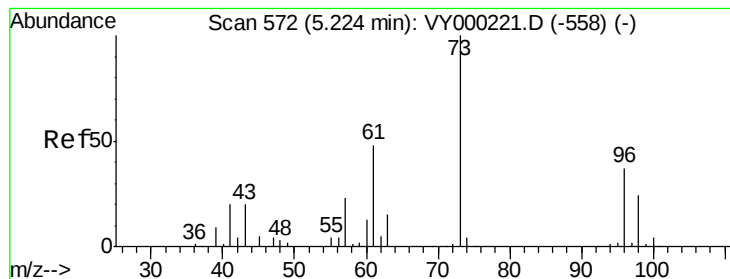
Tgt Ion: 73 Resp: 484520
Ion Ratio Lower Upper
73 100
57 21.3 18.4 27.6



#20
Methylene Chloride
Concen: 42.119 ug/l
RT: 4.72 min Scan# 489
Delta R.T. 0.00 min
Lab File: VY000236.D
Acq: 09 Oct 2019 11:36

Tgt Ion: 84 Resp: 153009
Ion Ratio Lower Upper
84 100
49 125.5 96.2 144.2
51 35.4 26.6 39.8
86 62.9 46.7 70.1





#21

trans-1,2-Dichloroethene

Concen: 45.225 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.00 min

Lab File: VY000236.D

Acq: 09 Oct 2019 11:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

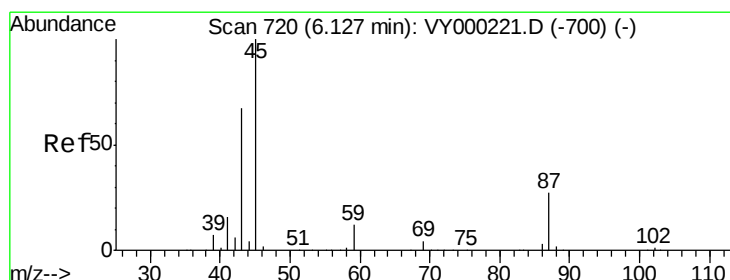
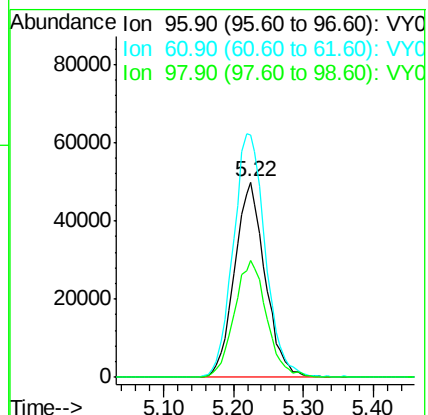
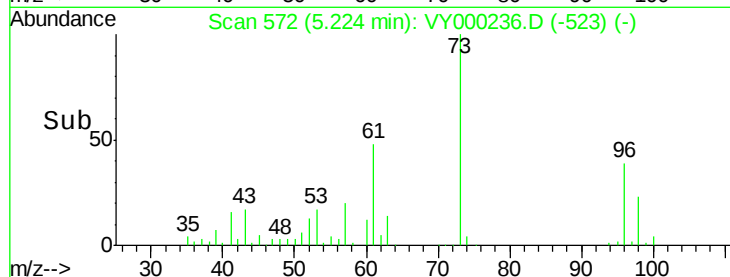
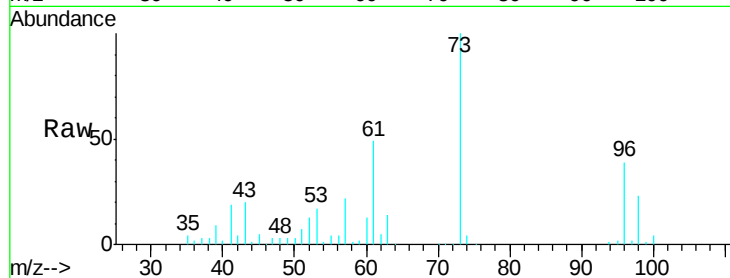
Tgt Ion: 96 Resp: 151845

Ion Ratio Lower Upper

96 100

61 124.1 104.2 156.2

98 60.1 51.0 76.6



#22

Diisopropyl ether

Concen: 44.096 ug/l

RT: 6.13 min Scan# 720

Delta R.T. 0.00 min

Lab File: VY000236.D

Acq: 09 Oct 2019 11:36

Tgt Ion: 45 Resp: 513792

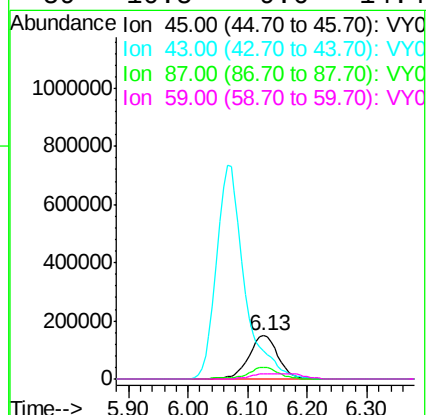
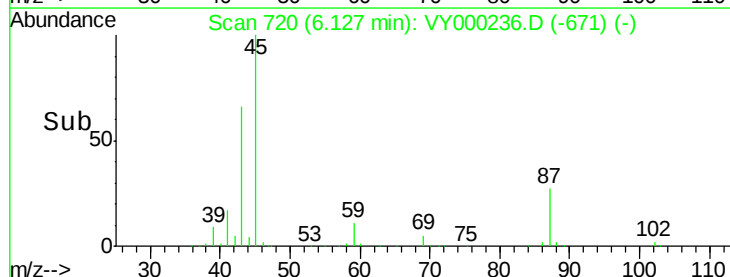
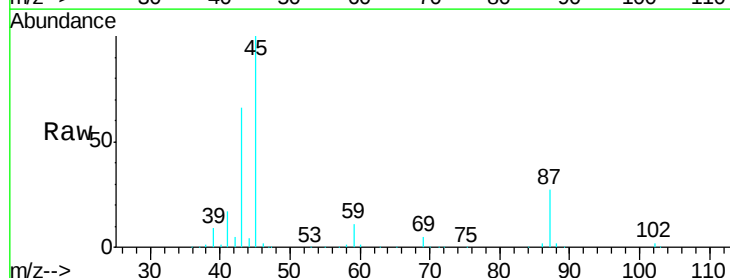
Ion Ratio Lower Upper

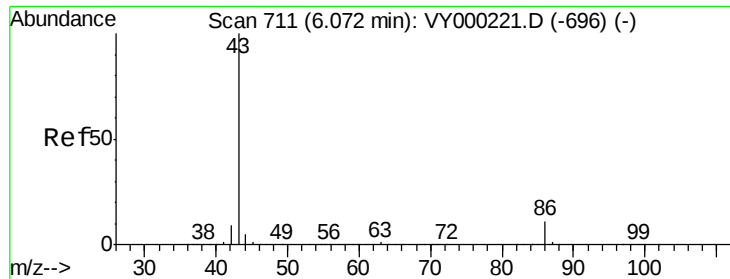
45 100

43 65.1 53.4 80.2

87 27.0 21.7 32.5

59 10.5 9.6 14.4

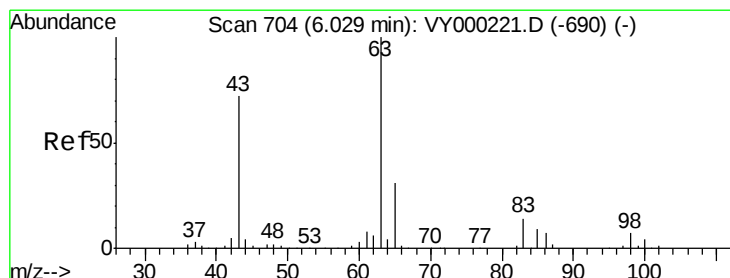
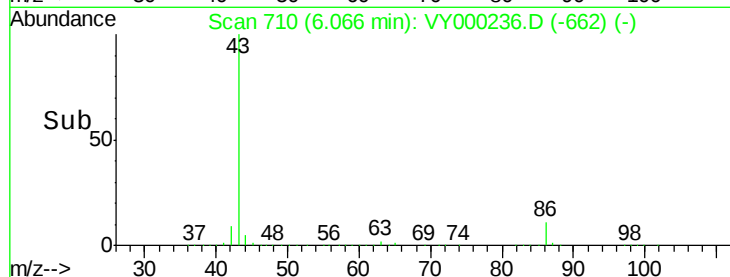
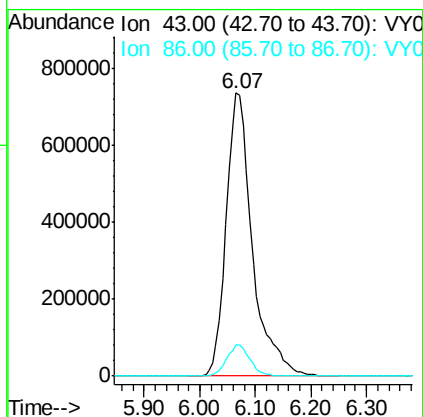
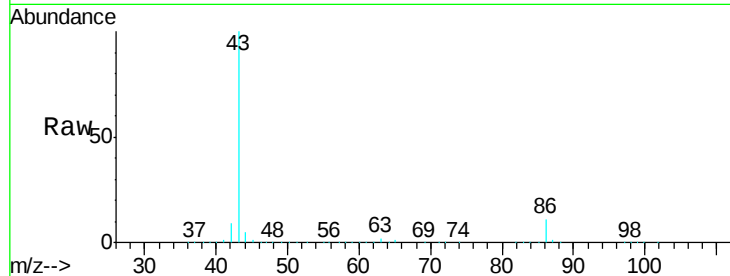




#23
 Vinyl Acetate
 Concen: 208.302 ug/l
 RT: 6.07 min Scan# 710
 Delta R.T. -0.01 min
 Lab File: VY000236.D
 Acq: 09 Oct 2019 11:36

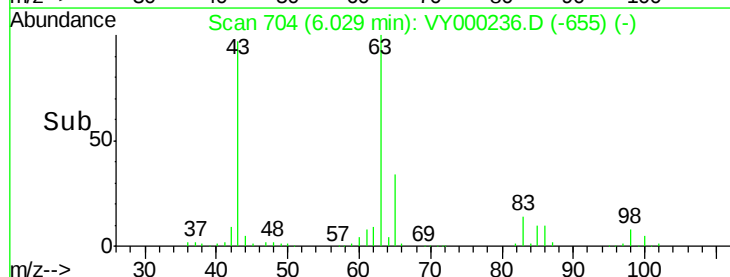
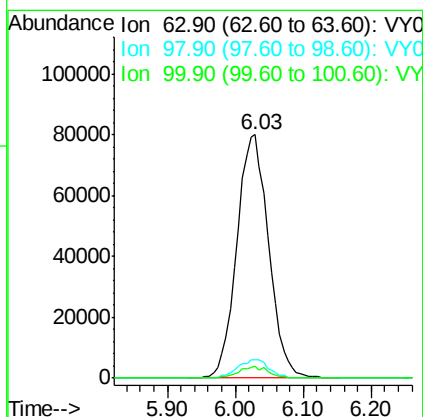
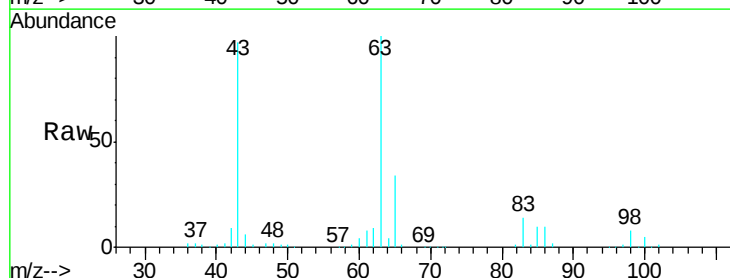
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

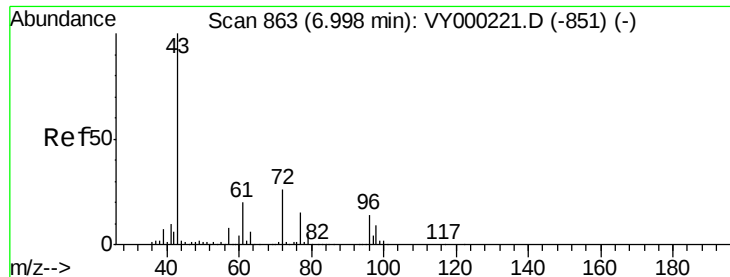
Tgt Ion: 43 Resp: 2395837
 Ion Ratio Lower Upper
 43 100
 86 11.1 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 43.749 ug/l
 RT: 6.03 min Scan# 704
 Delta R.T. 0.00 min
 Lab File: VY000236.D
 Acq: 09 Oct 2019 11:36

Tgt Ion: 63 Resp: 260015
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.5 10.6
 100 4.8 2.1 6.5





#25

2-Butanone

Concen: 225.200 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.00 min

Lab File: VY000236.D

Acq: 09 Oct 2019 11:36

Instrument :

MSVOA_Y

ClientSampleId :

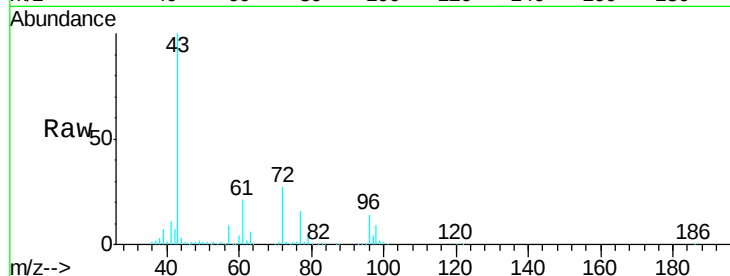
VSTDCCC050

Tgt Ion: 43 Resp: 1152044

Ion Ratio Lower Upper

43 100

72 26.6 20.6 31.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

7.00

400000

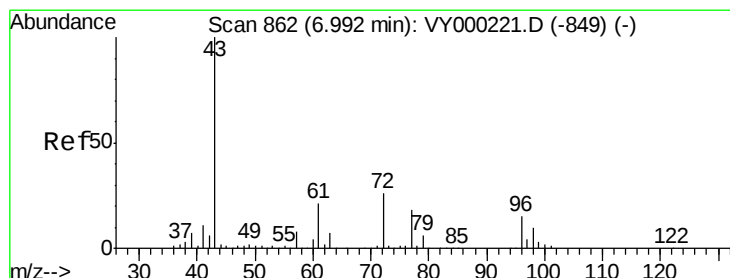
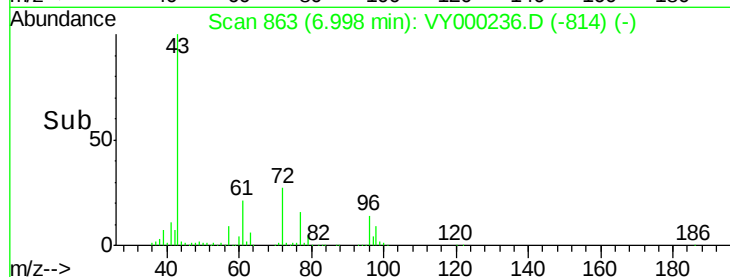
300000

200000

100000

0

Time-->



#26

2,2-Dichloropropane

Concen: 44.876 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY000236.D

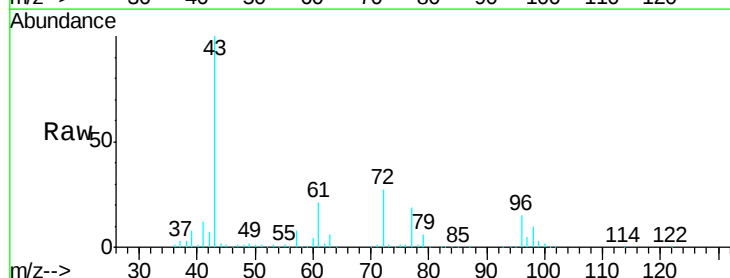
Acq: 09 Oct 2019 11:36

Tgt Ion: 77 Resp: 240761

Ion Ratio Lower Upper

77 100

97 23.0 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0

6.99

80000

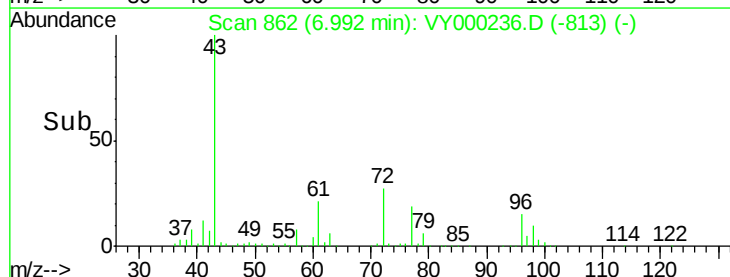
60000

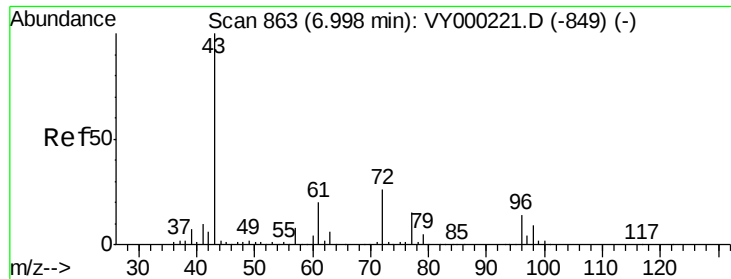
40000

20000

0

Time-->



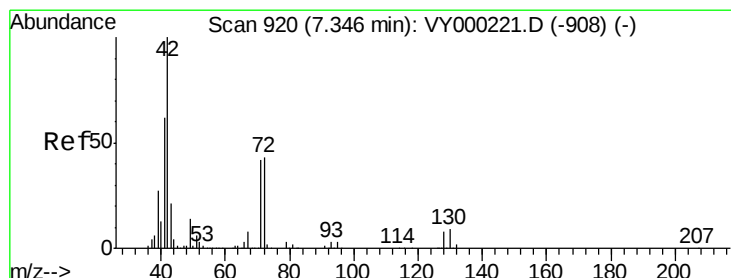
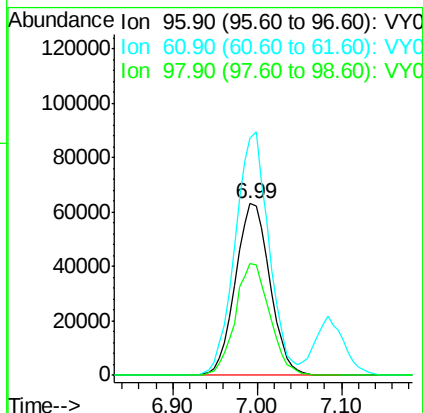
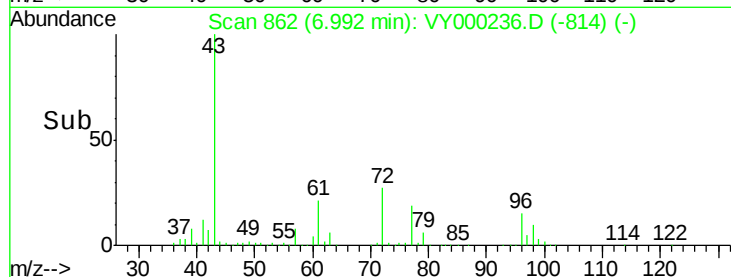
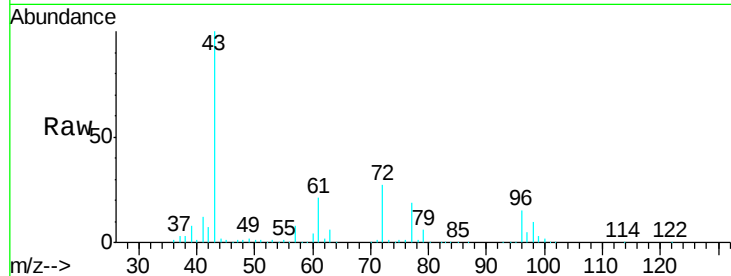


#27

cis-1,2-Dichloroethene
Concen: 44.227 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY000236.D
Acq: 09 Oct 2019 11:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

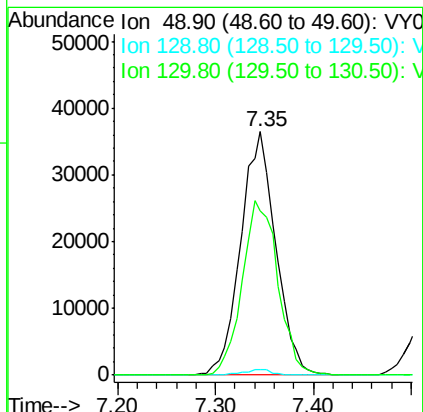
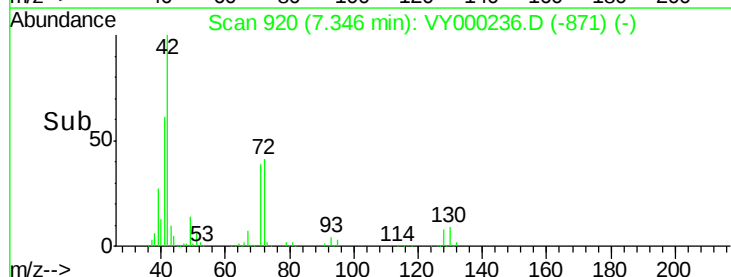
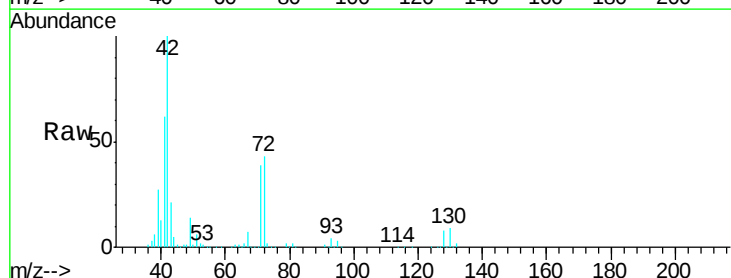
Tgt Ion: 96 Resp: 174913
Ion Ratio Lower Upper
96 100
61 138.8 0.0 282.6
98 64.8 0.0 129.8

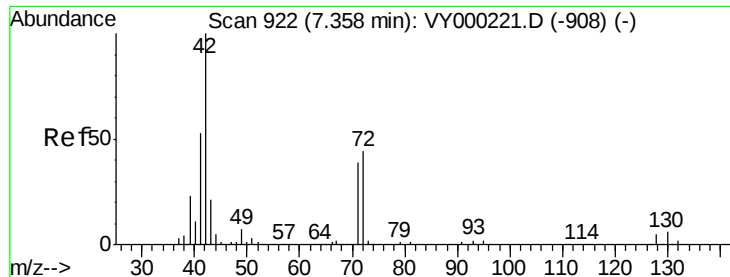


#28

Bromochloromethane
Concen: 46.292 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.00 min
Lab File: VY000236.D
Acq: 09 Oct 2019 11:36

Tgt Ion: 49 Resp: 90558
Ion Ratio Lower Upper
49 100
129 2.0 0.0 3.2
130 73.2 56.5 84.7





#29

Tetrahydrofuran

Concen: 230.033 ug/l

RT: 7.36 min Scan# 922

Delta R.T. 0.00 min

Lab File: VY000236.D

Acq: 09 Oct 2019 11:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

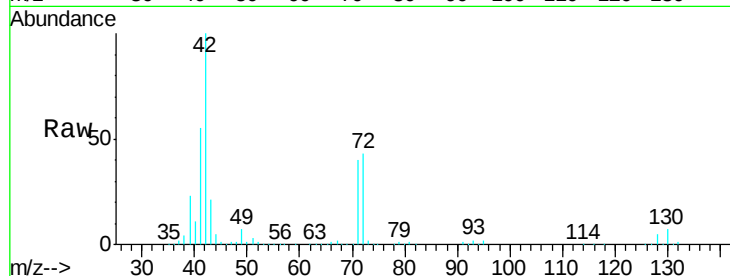
Tgt Ion: 42 Resp: 831085

Ion Ratio Lower Upper

42 100

72 43.5 34.6 51.8

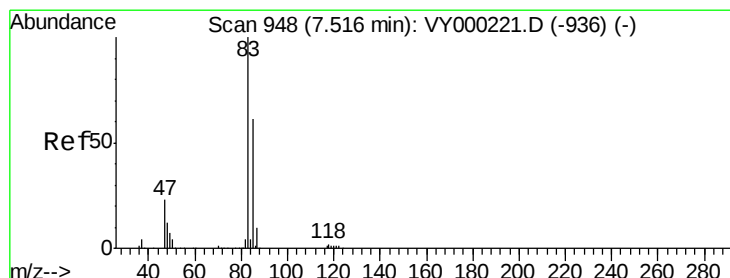
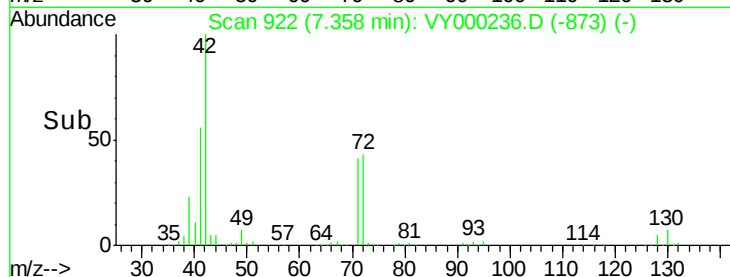
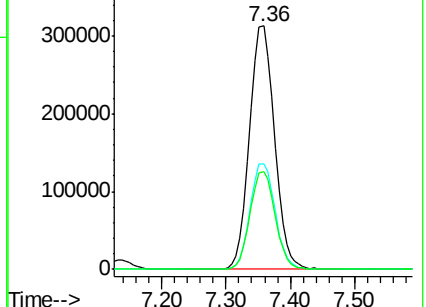
71 40.2 31.9 47.9



Abundance Ion 42.00 (41.70 to 42.70): VY000221.D (-908) (-)

Ion 72.00 (71.70 to 72.70): VY000221.D (-908) (-)

Ion 71.00 (70.70 to 71.70): VY000221.D (-908) (-)



#30

Chloroform

Concen: 44.020 ug/l

RT: 7.52 min Scan# 948

Delta R.T. 0.00 min

Lab File: VY000236.D

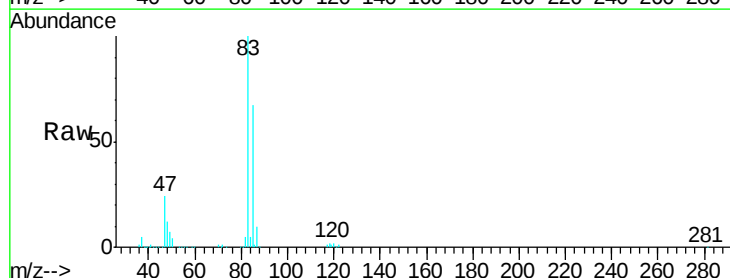
Acq: 09 Oct 2019 11:36

Tgt Ion: 83 Resp: 271518

Ion Ratio Lower Upper

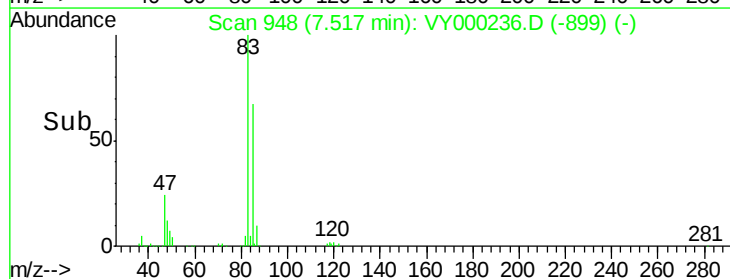
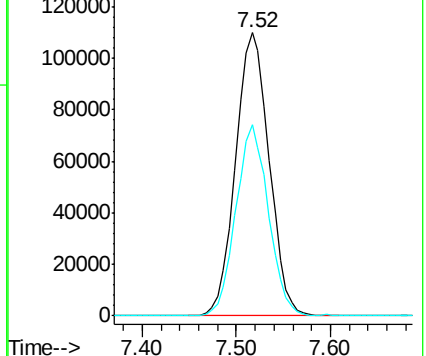
83 100

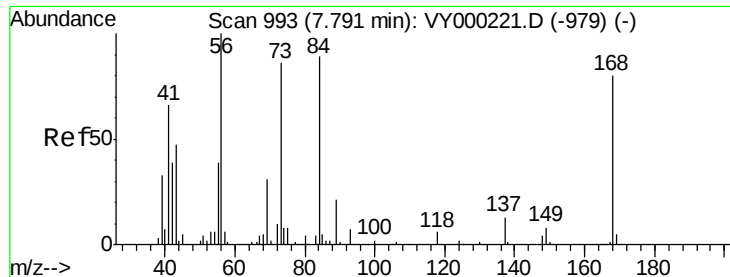
85 67.3 48.9 73.3



Abundance Ion 82.90 (82.60 to 83.60): VY000221.D (-936) (-)

Ion 84.90 (84.60 to 85.60): VY000221.D (-936) (-)

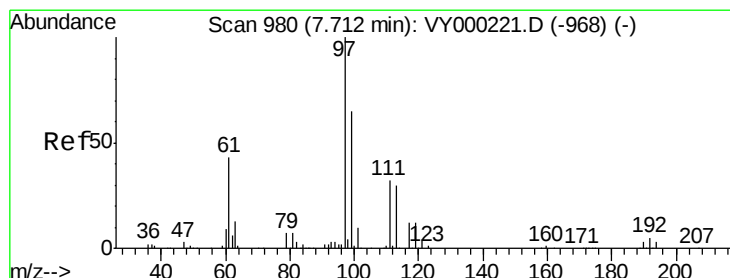
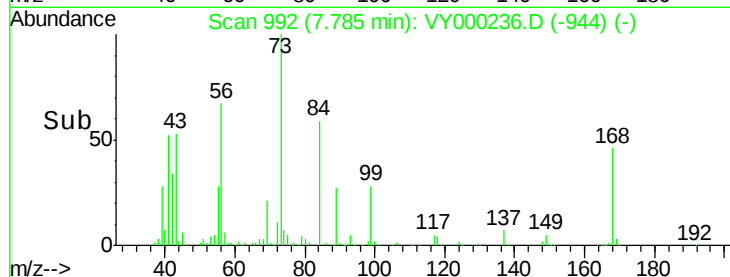
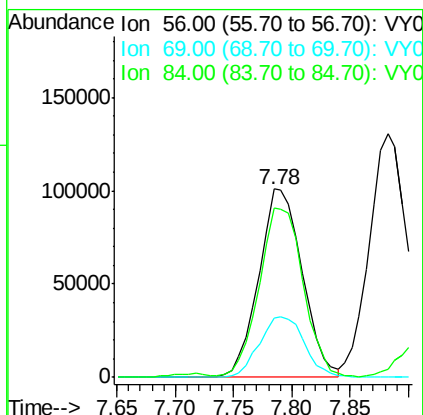
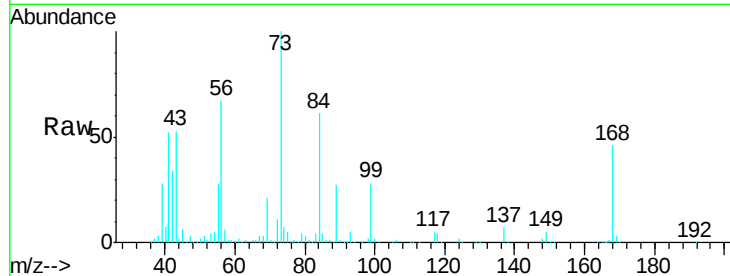




#31
Cyclohexane
Concen: 43.579 ug/l
RT: 7.78 min Scan# 992
Delta R.T. -0.01 min
Lab File: VY000236.D
Acq: 09 Oct 2019 11:36

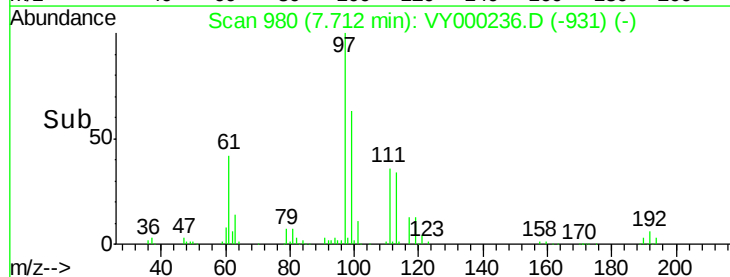
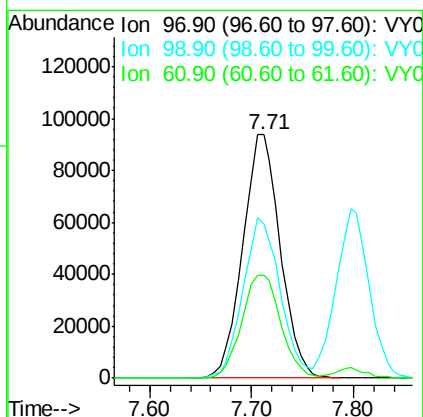
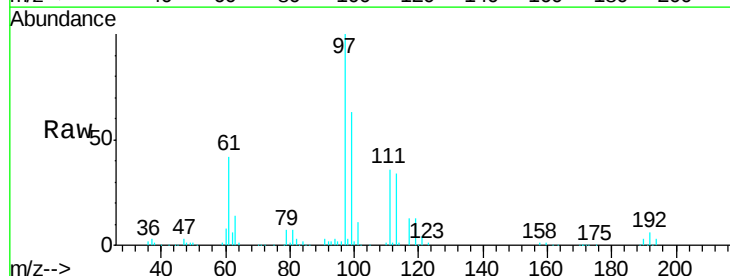
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

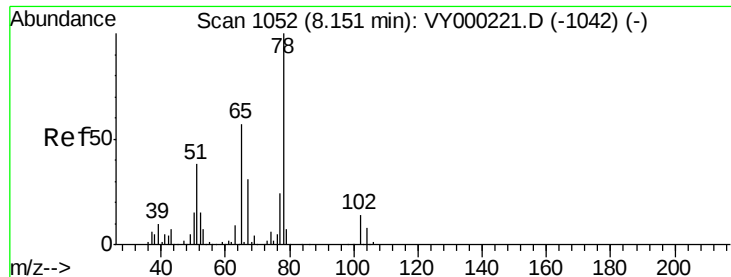
Tgt Ion: 56 Resp: 261607
Ion Ratio Lower Upper
56 100
69 31.3 24.7 37.1
84 88.4 71.3 106.9



#32
1,1,1-Trichloroethane
Concen: 45.719 ug/l
RT: 7.71 min Scan# 980
Delta R.T. 0.00 min
Lab File: VY000236.D
Acq: 09 Oct 2019 11:36

Tgt Ion: 97 Resp: 239746
Ion Ratio Lower Upper
97 100
99 65.6 51.4 77.2
61 44.1 34.2 51.4





#33

1,2-Dichloroethane-d4

Concen: 44.044 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY000236.D

Acq: 09 Oct 2019 11:36

Instrument :

MSVOA_Y

ClientSampleId :

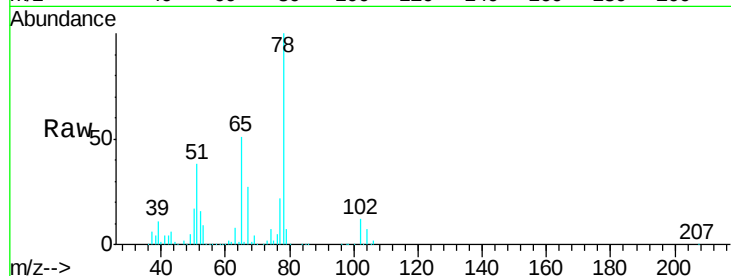
VSTDCCC050

Tgt Ion: 65 Resp: 153781

Ion Ratio Lower Upper

65 100

67 54.1 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0

8.15

60000

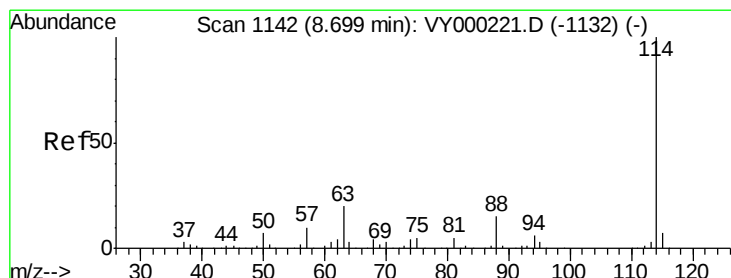
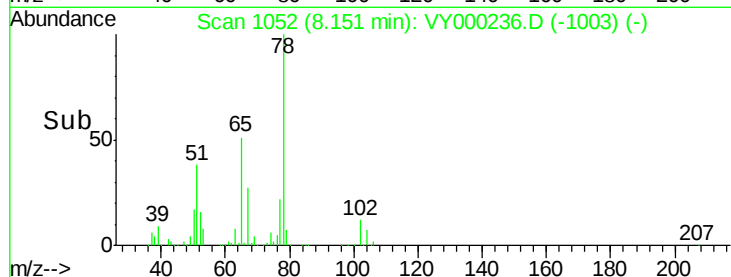
40000

20000

0

8.05 8.10 8.15 8.20 8.25

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. 0.00 min

Lab File: VY000236.D

Acq: 09 Oct 2019 11:36

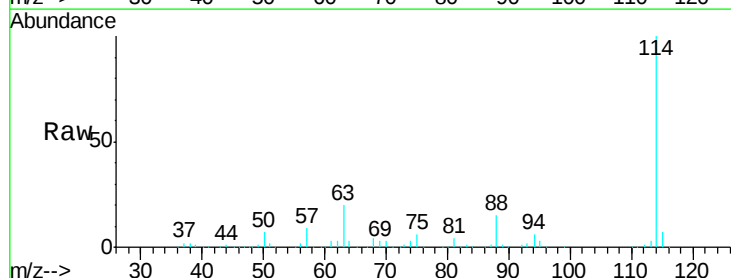
Tgt Ion: 114 Resp: 445238

Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.0

88 15.0 0.0 30.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0

8.70

300000

250000

200000

150000

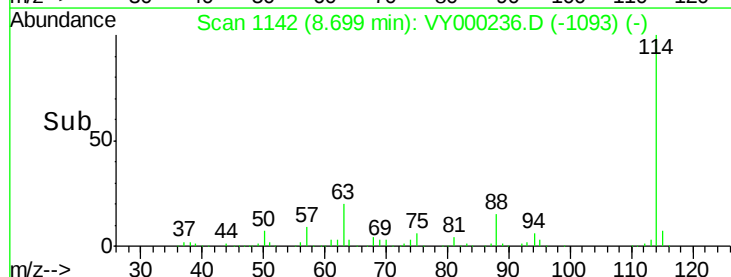
100000

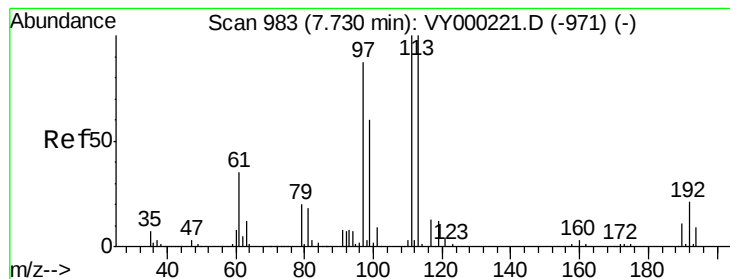
50000

0

8.60 8.70 8.80

Time-->





#35

Dibromofluoromethane

Concen: 46.443 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY000236.D

Acq: 09 Oct 2019 11:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

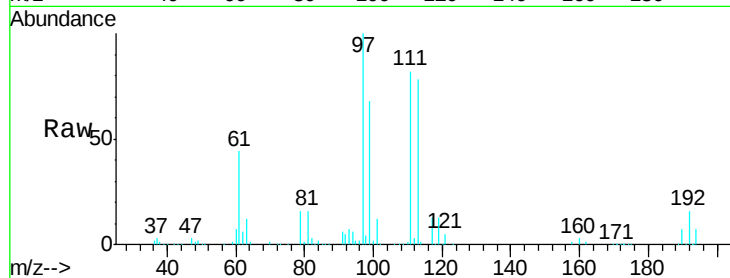
Tgt Ion:113 Resp: 128840

Ion Ratio Lower Upper

113 100

111 103.4 82.6 124.0

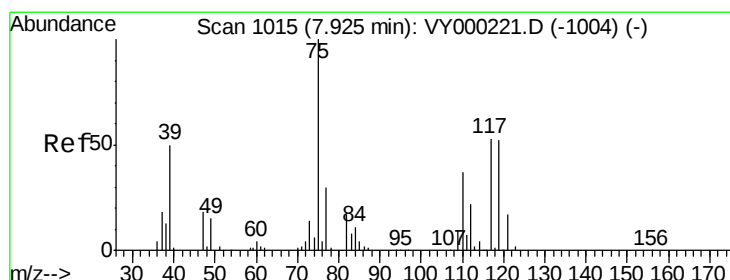
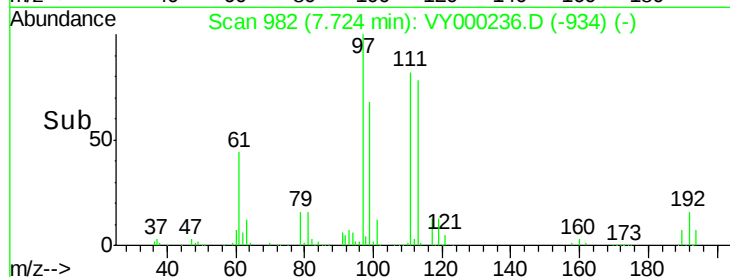
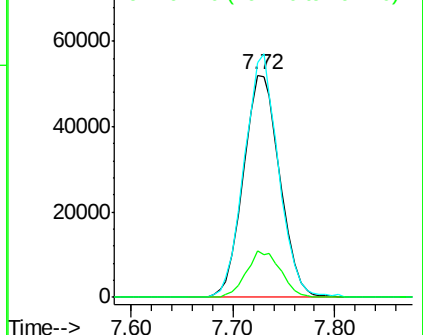
192 19.7 15.8 23.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 46.450 ug/l

RT: 7.92 min Scan# 1015

Delta R.T. 0.00 min

Lab File: VY000236.D

Acq: 09 Oct 2019 11:36

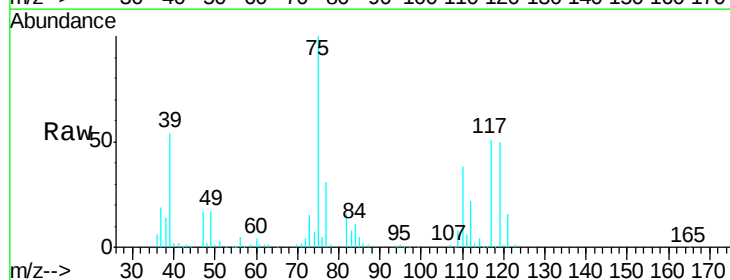
Tgt Ion: 75 Resp: 210430

Ion Ratio Lower Upper

75 100

110 36.8 18.4 55.2

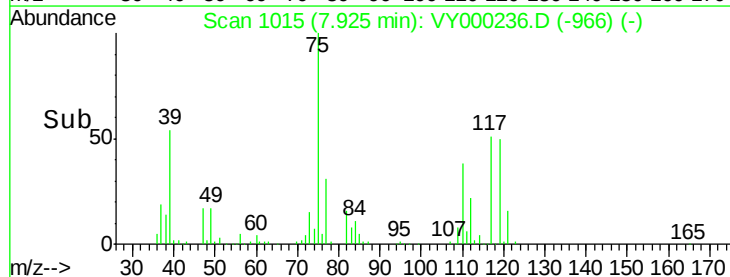
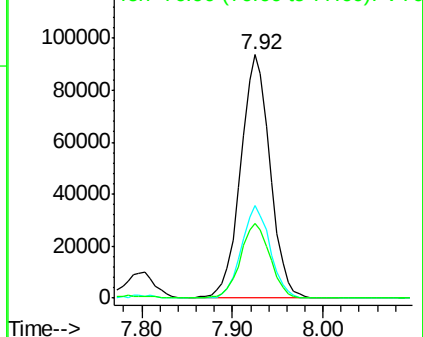
77 31.0 24.7 37.1

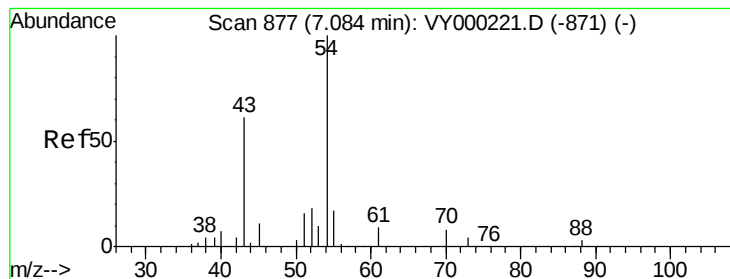


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0





#37

Ethyl Acetate

Concen: 45.697 ug/l

RT: 7.08 min Scan# 877

Delta R.T. 0.00 min

Lab File: VY000236.D

Acq: 09 Oct 2019 11:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

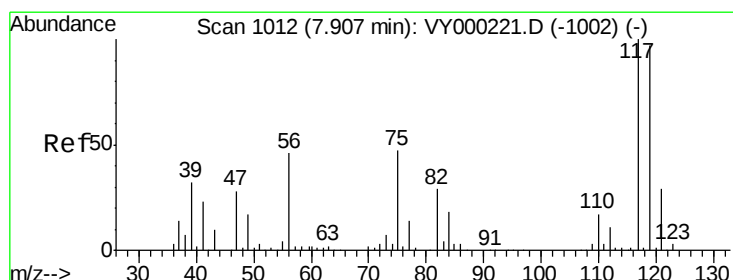
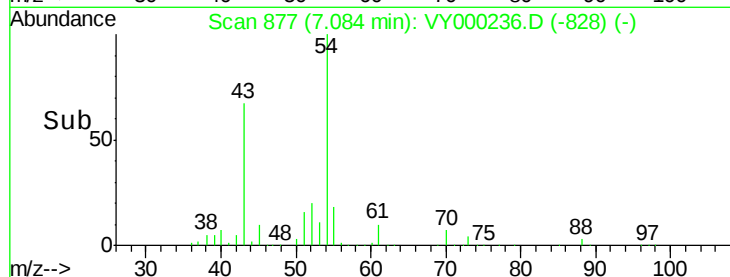
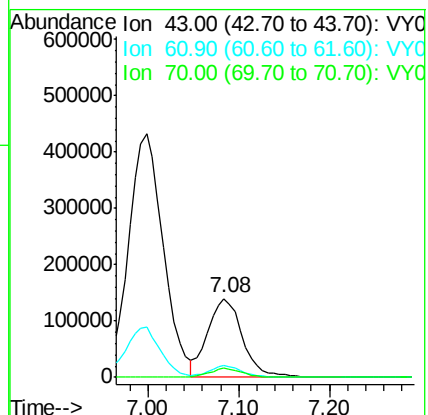
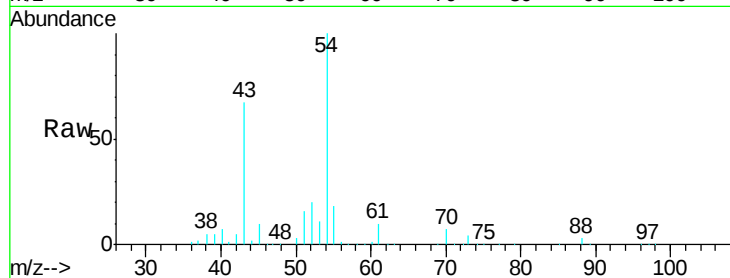
Tgt Ion: 43 Resp: 374252

Ion Ratio Lower Upper

43 100

61 14.2 11.1 16.7

70 10.6 8.5 12.7



#38

Carbon Tetrachloride

Concen: 49.412 ug/l

RT: 7.91 min Scan# 1012

Delta R.T. 0.00 min

Lab File: VY000236.D

Acq: 09 Oct 2019 11:36

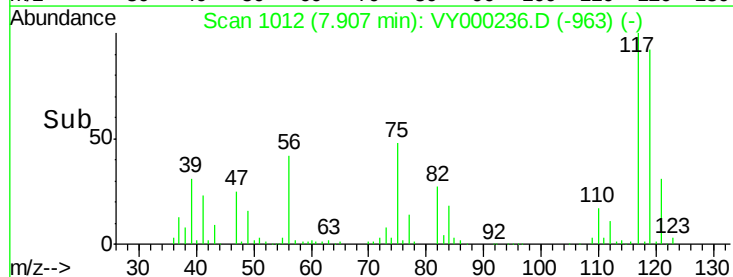
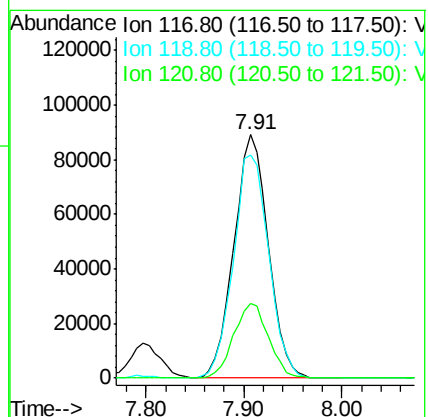
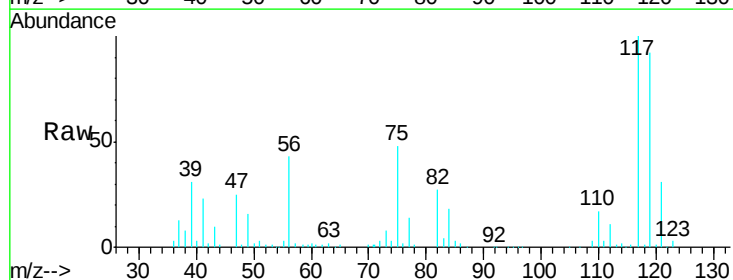
Tgt Ion: 117 Resp: 218173

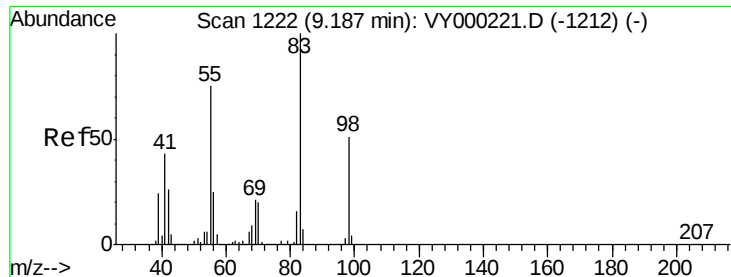
Ion Ratio Lower Upper

117 100

119 91.8 77.2 115.8

121 30.5 23.1 34.7

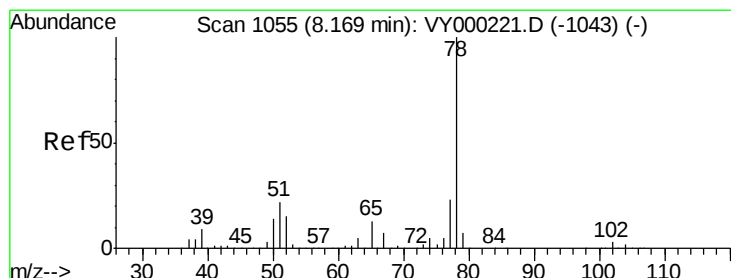
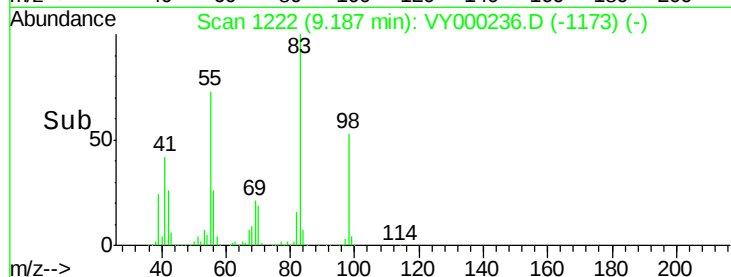
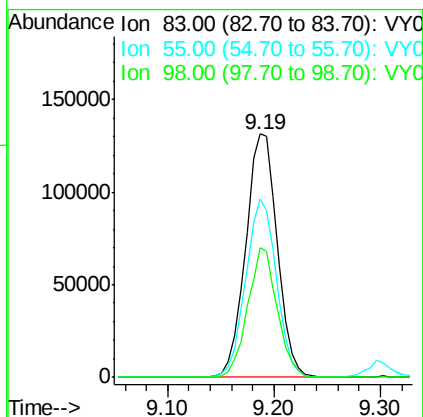
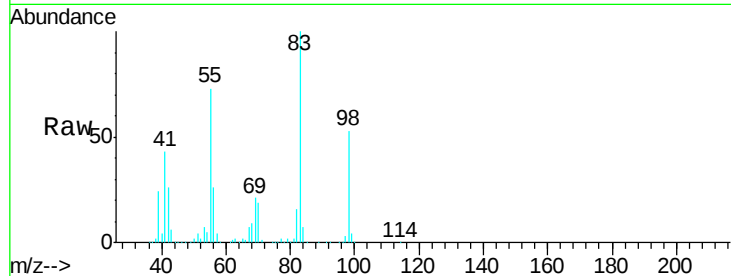




#39
Methylcyclohexane
Concen: 48.206 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY000236.D
Acq: 09 Oct 2019 11:36

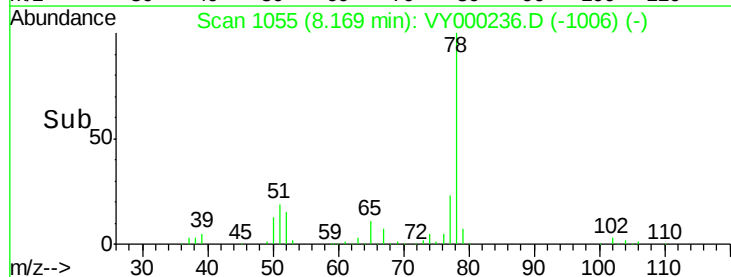
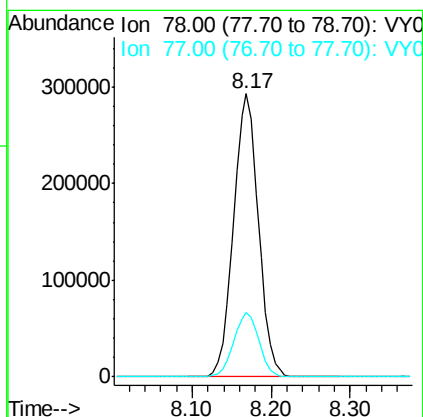
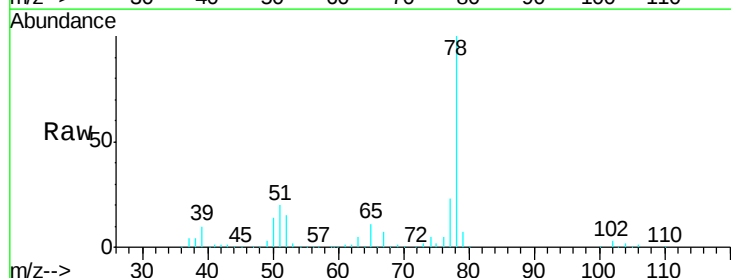
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

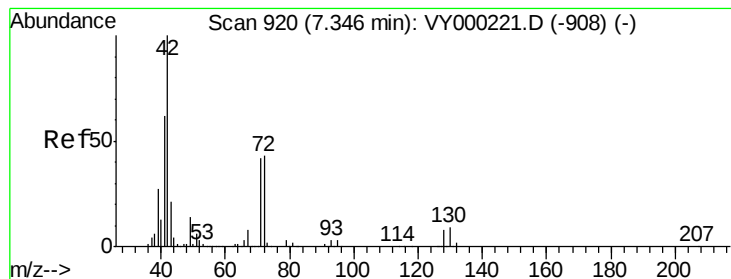
Tgt Ion: 83 Resp: 273969
Ion Ratio Lower Upper
83 100
55 73.0 60.2 90.4
98 53.2 40.5 60.7



#40
Benzene
Concen: 46.580 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY000236.D
Acq: 09 Oct 2019 11:36

Tgt Ion: 78 Resp: 640121
Ion Ratio Lower Upper
78 100
77 23.0 18.6 28.0





#41

Methacrylonitrile

Concen: 97.278 ug/l

RT: 7.35 min Scan# 921

Delta R.T. 0.01 min

Lab File: VY000236.D

Acq: 09 Oct 2019 11:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 41 Resp: 627073

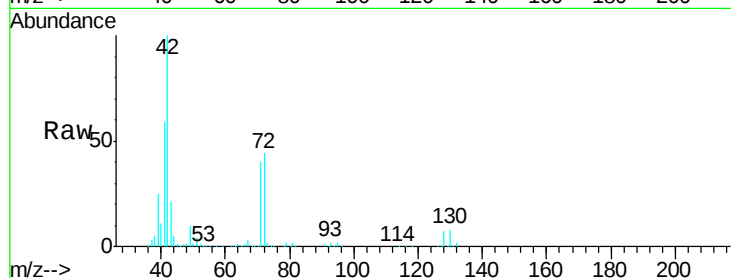
Ion Ratio Lower Upper

41 100

39 45.9 74.7 112.1#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

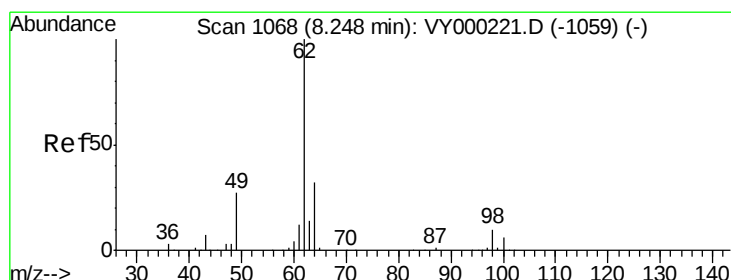
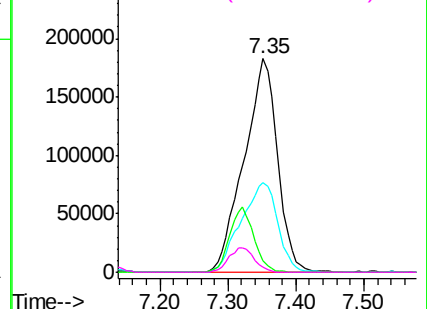
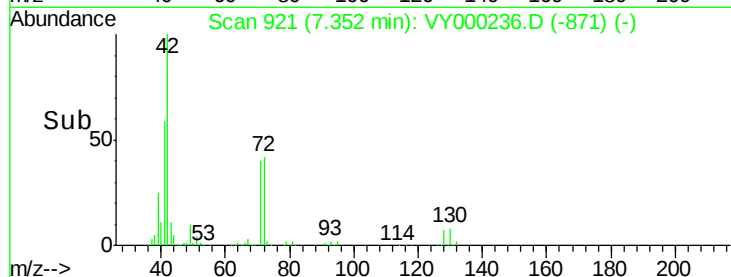


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 47.925 ug/l

RT: 8.25 min Scan# 1068

Delta R.T. 0.00 min

Lab File: VY000236.D

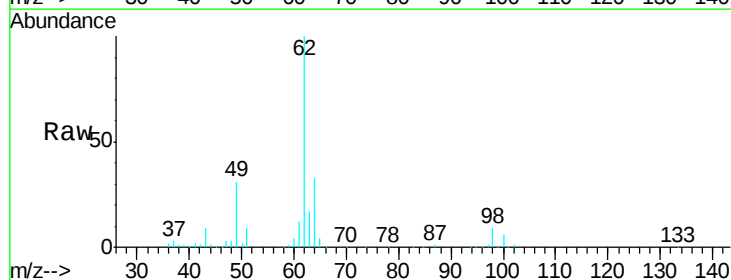
Acq: 09 Oct 2019 11:36

Tgt Ion: 62 Resp: 213922

Ion Ratio Lower Upper

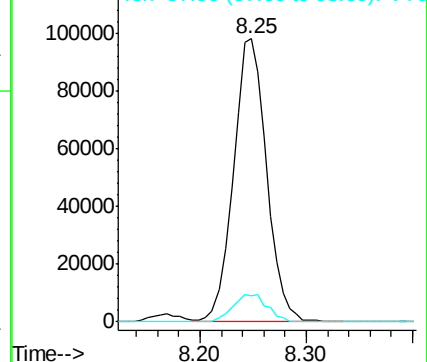
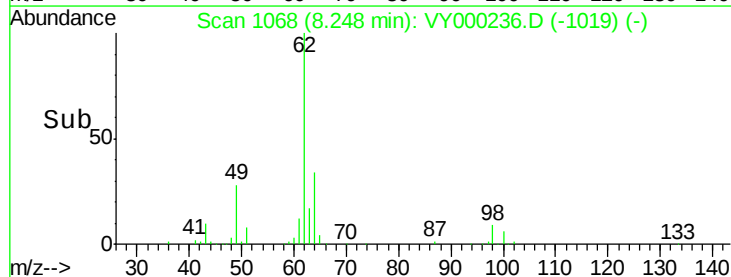
62 100

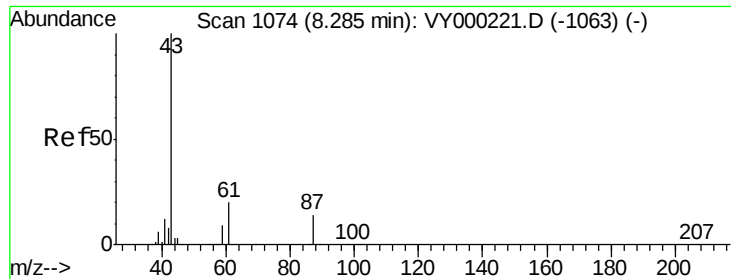
98 10.1 0.0 20.0



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 46.361 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. 0.00 min

Lab File: VY000236.D

Acq: 09 Oct 2019 11:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

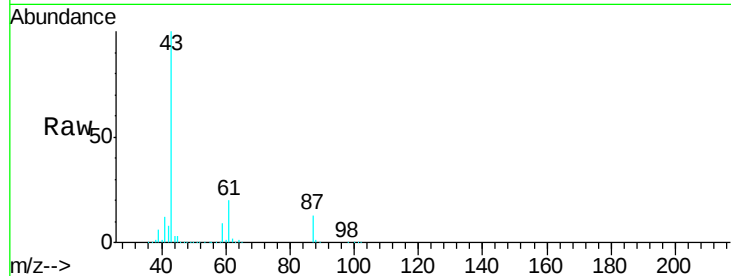
Tgt Ion: 43 Resp: 488713

Ion Ratio Lower Upper

43 100

61 25.1 20.1 30.1

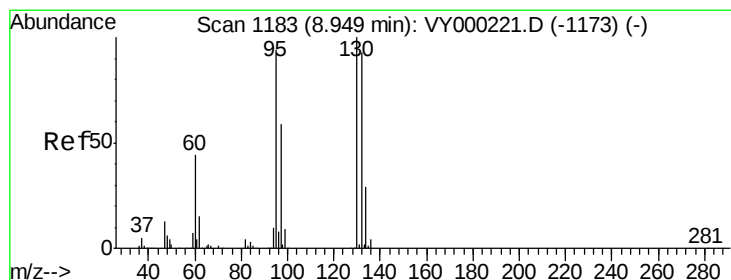
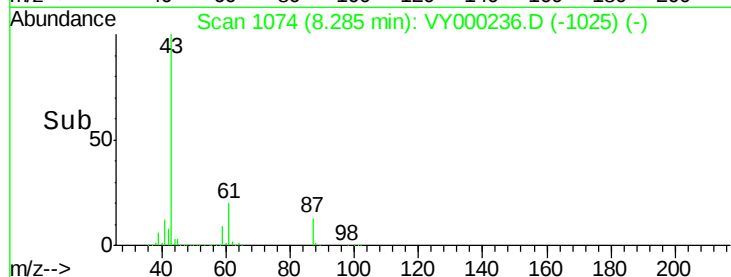
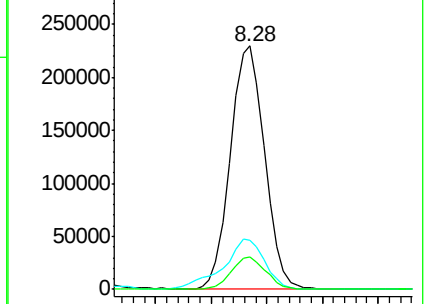
87 13.5 10.6 15.8



Abundance Ion 43.00 (42.70 to 43.70): VY000236.D (-1025) (-)

Ion 61.00 (60.70 to 61.70): VY000236.D (-1025) (-)

Ion 87.00 (86.70 to 87.70): VY000236.D (-1025) (-)



#44

Trichloroethene

Concen: 47.071 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.01 min

Lab File: VY000236.D

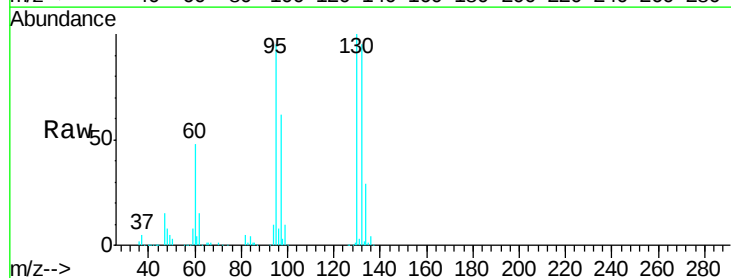
Acq: 09 Oct 2019 11:36

Tgt Ion: 130 Resp: 175419

Ion Ratio Lower Upper

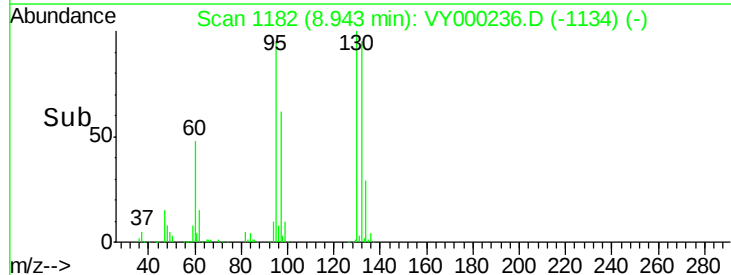
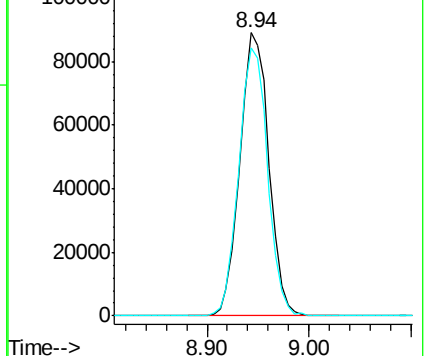
130 100

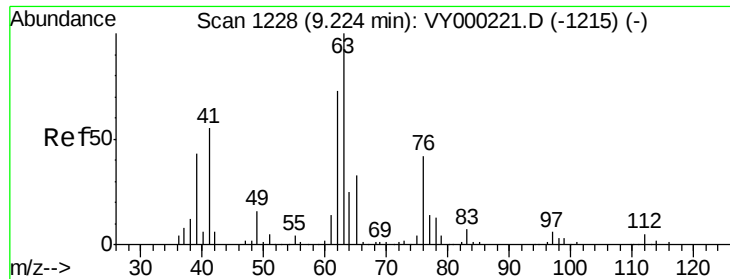
95 94.8 0.0 189.0



Abundance Ion 129.80 (129.50 to 130.50): VY000236.D (-1134) (-)

Ion 94.90 (94.60 to 95.60): VY000236.D (-1134) (-)

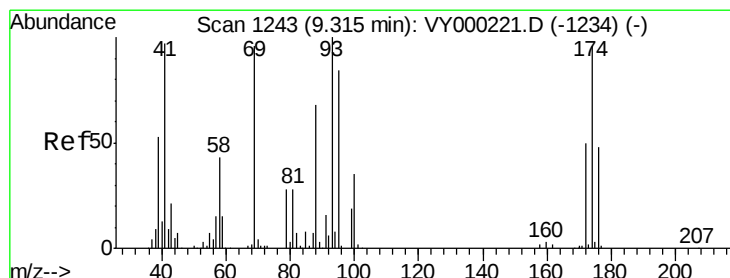
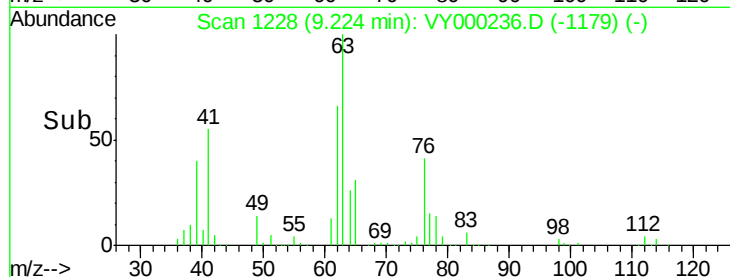
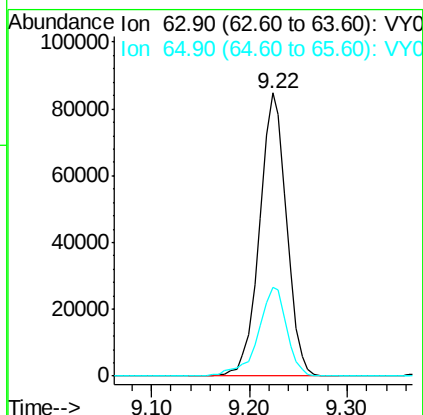
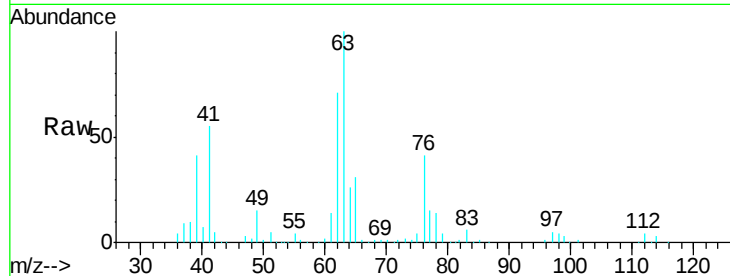




#45
 1,2-Dichloropropane
 Concen: 47.164 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VY000236.D
 Acq: 09 Oct 2019 11:36

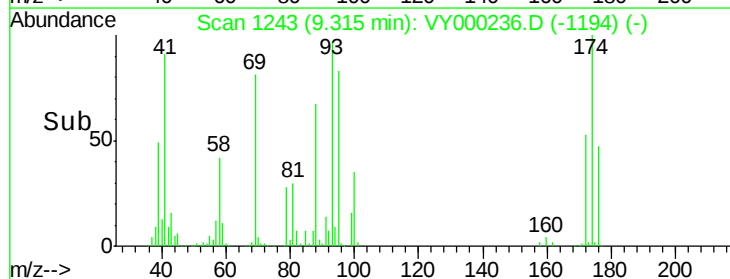
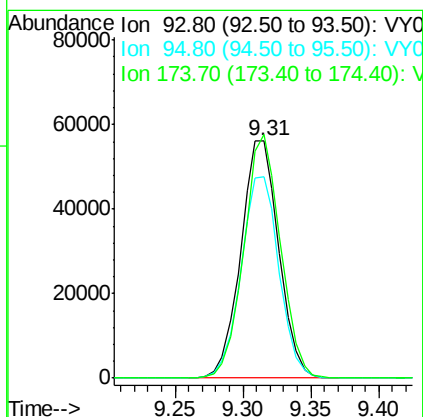
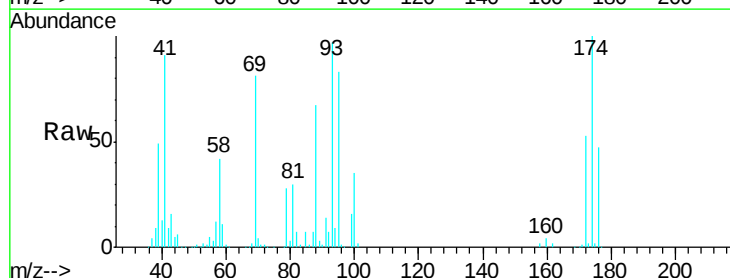
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

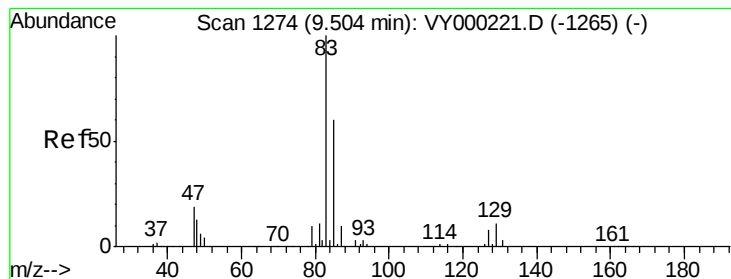
Tgt Ion: 63 Resp: 162348
 Ion Ratio Lower Upper
 63 100
 65 31.4 26.6 39.8



#46
 Dibromomethane
 Concen: 45.422 ug/l
 RT: 9.31 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: VY000236.D
 Acq: 09 Oct 2019 11:36

Tgt Ion: 93 Resp: 109610
 Ion Ratio Lower Upper
 93 100
 95 85.0 67.0 100.6
 174 98.7 77.5 116.3





#47

Bromodichloromethane

Concen: 46.672 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. 0.00 min

Lab File: VY000236.D

Acq: 09 Oct 2019 11:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

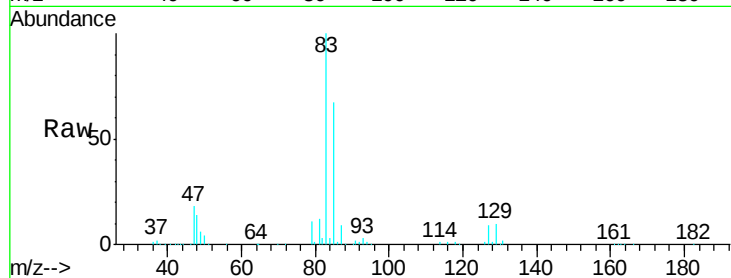
Tgt Ion: 83 Resp: 220304

Ion Ratio Lower Upper

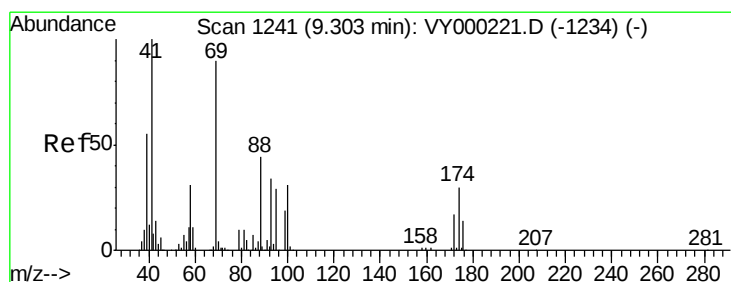
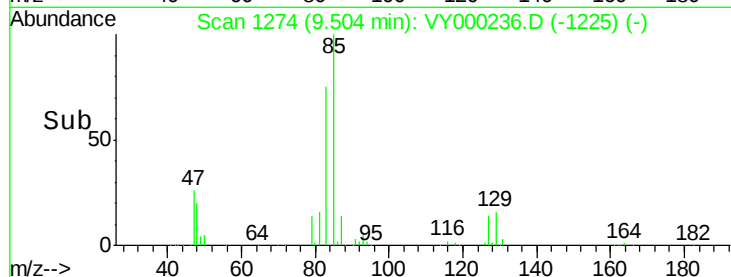
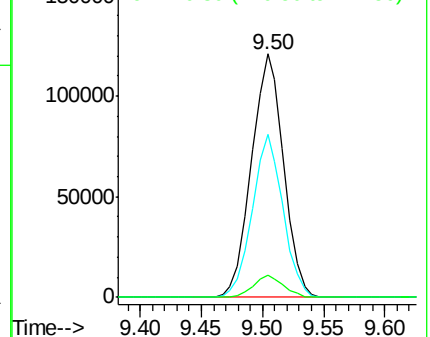
83 100

85 67.1 48.0 72.0

127 9.1 6.5 9.7



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



#48

Methyl methacrylate

Concen: 46.555 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VY000236.D

Acq: 09 Oct 2019 11:36

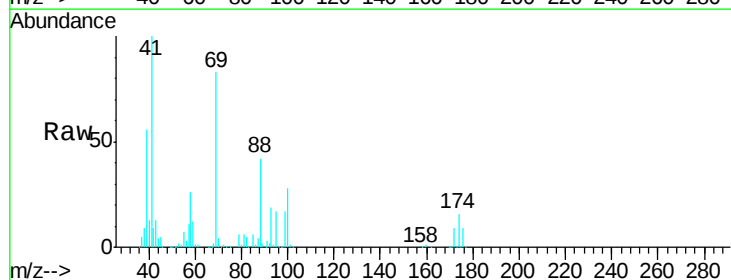
Tgt Ion: 41 Resp: 221516

Ion Ratio Lower Upper

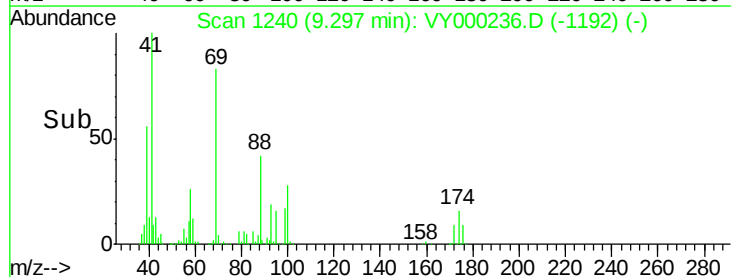
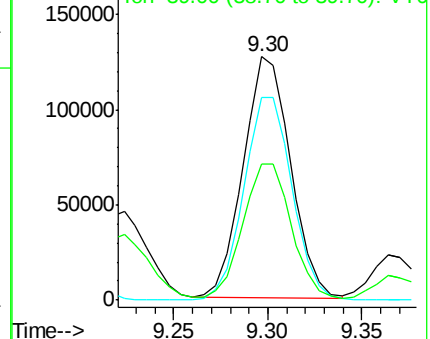
41 100

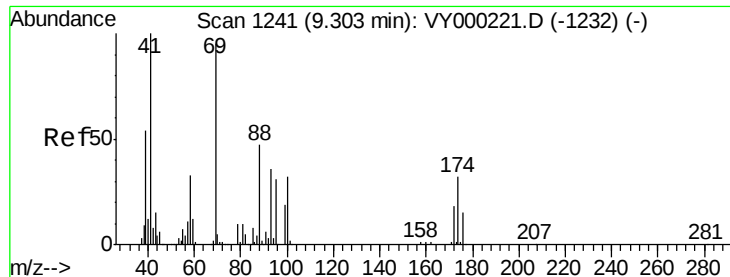
69 85.6 70.3 105.5

39 58.4 45.5 68.3



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





#49

1,4-Dioxane

Concen: 945.998 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. 0.00 min

Lab File: VY000236.D

Acq: 09 Oct 2019 11:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

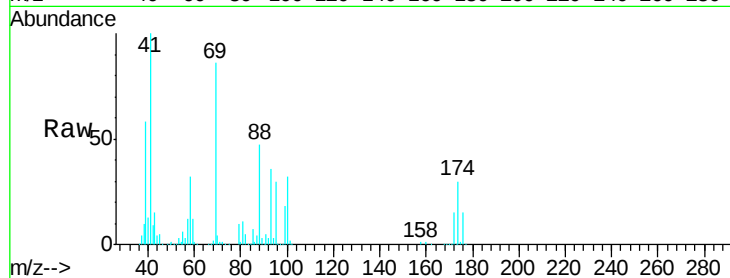
Tgt Ion: 88 Resp: 115547

Ion Ratio Lower Upper

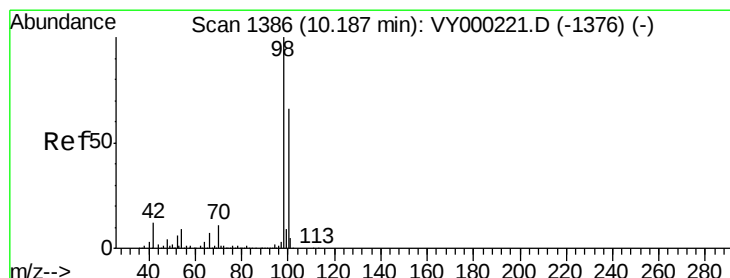
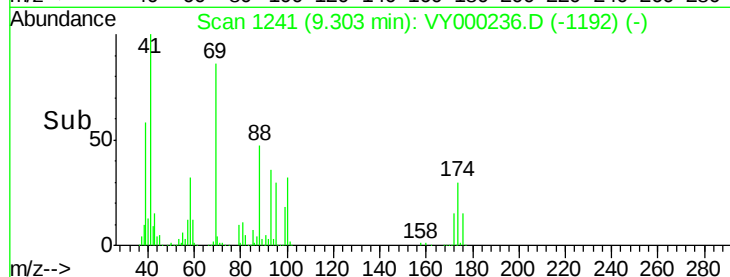
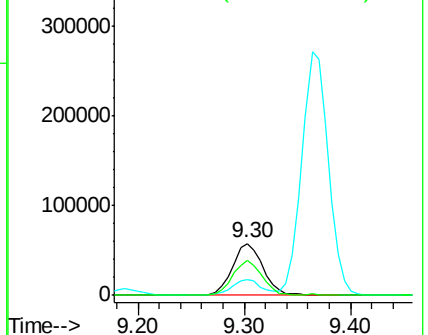
88 100

43 29.3 24.5 36.7

58 65.5 54.2 81.2



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



#50

Toluene-d8

Concen: 46.118 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.00 min

Lab File: VY000236.D

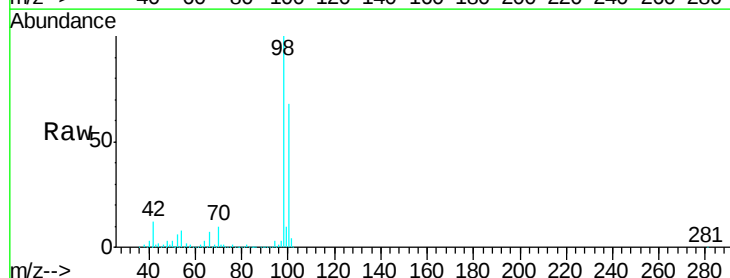
Acq: 09 Oct 2019 11:36

Tgt Ion: 98 Resp: 502561

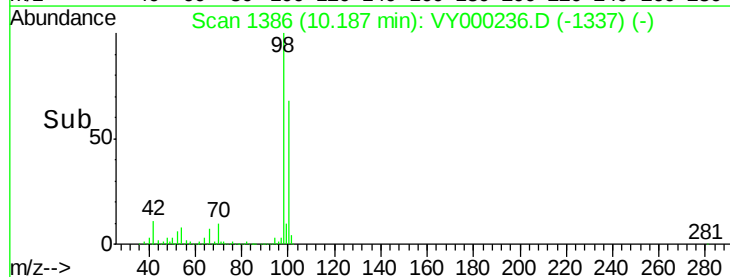
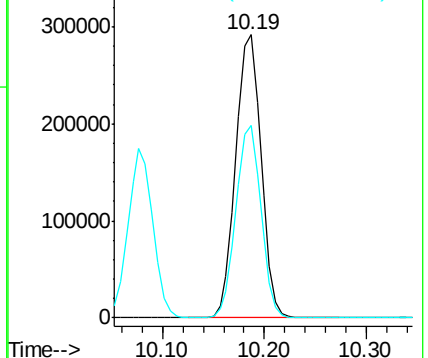
Ion Ratio Lower Upper

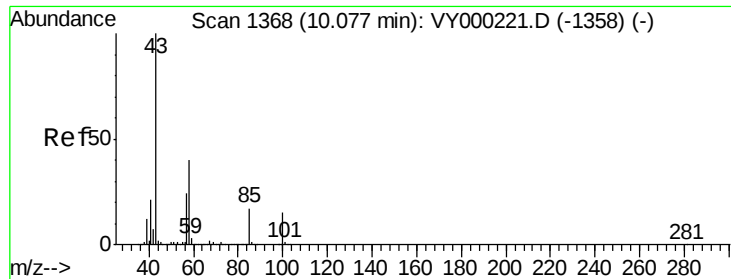
98 100

100 67.0 53.0 79.6



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

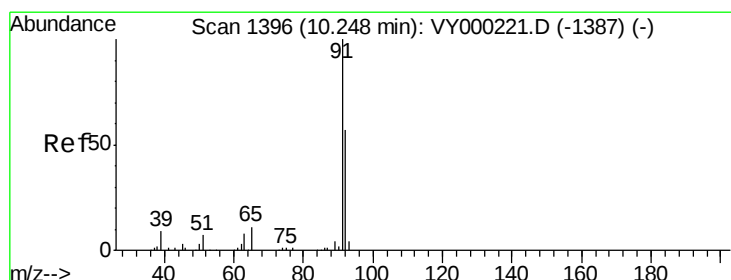
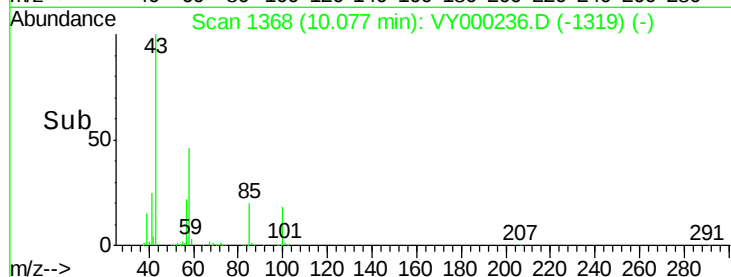
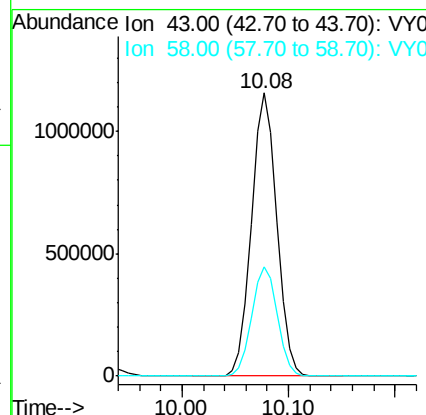
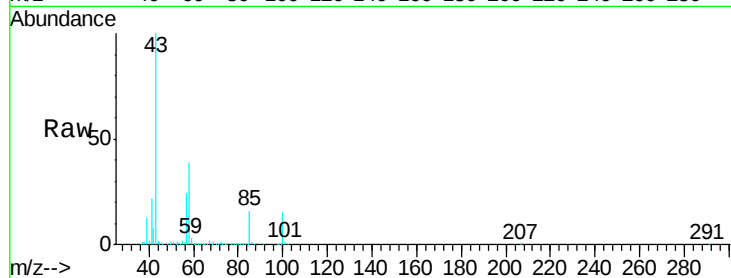




#51
 4-Methyl-2-Pentanone
 Concen: 244.129 ug/l
 RT: 10.08 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: VY000236.D
 Acq: 09 Oct 2019 11:36

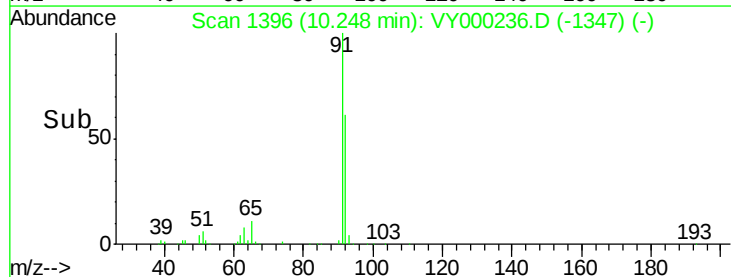
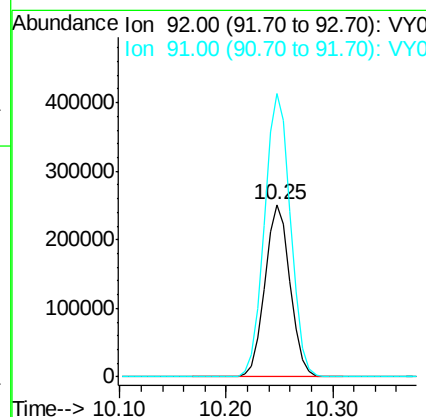
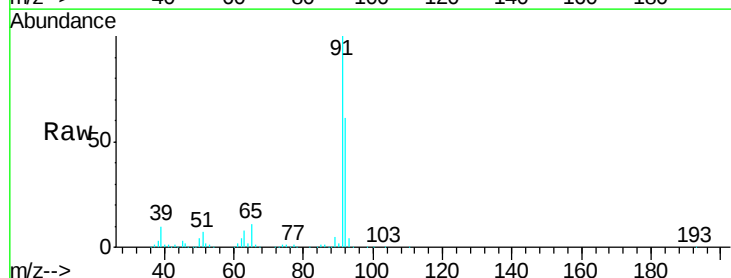
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

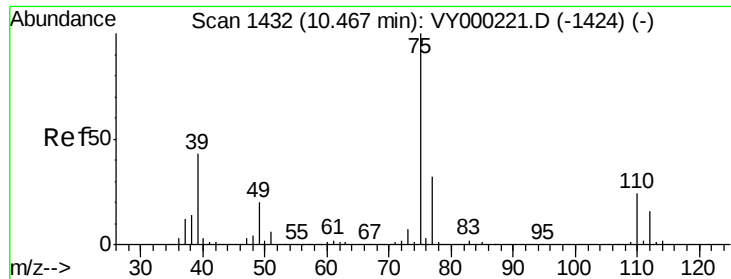
Tgt Ion: 43 Resp: 1934094
 Ion Ratio Lower Upper
 43 100
 58 39.0 31.7 47.5



#52
 Toluene
 Concen: 47.204 ug/l
 RT: 10.25 min Scan# 1396
 Delta R.T. 0.00 min
 Lab File: VY000236.D
 Acq: 09 Oct 2019 11:36

Tgt Ion: 92 Resp: 416066
 Ion Ratio Lower Upper
 92 100
 91 169.8 139.1 208.7

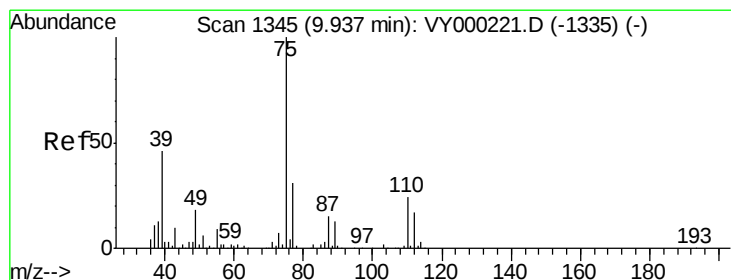
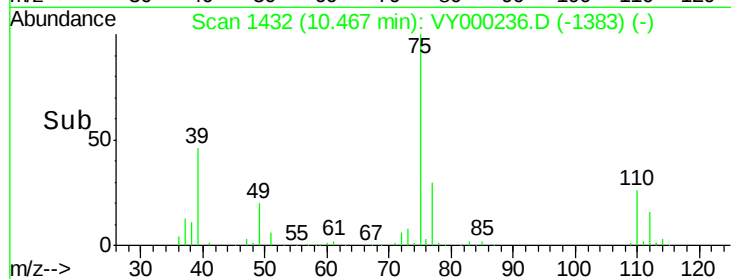
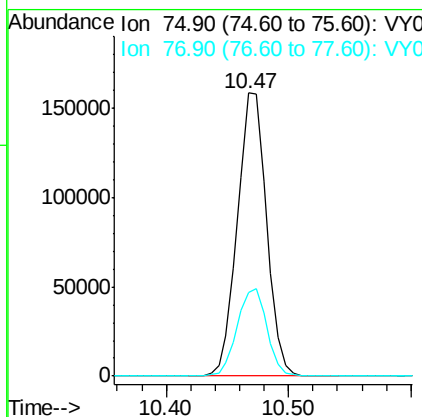
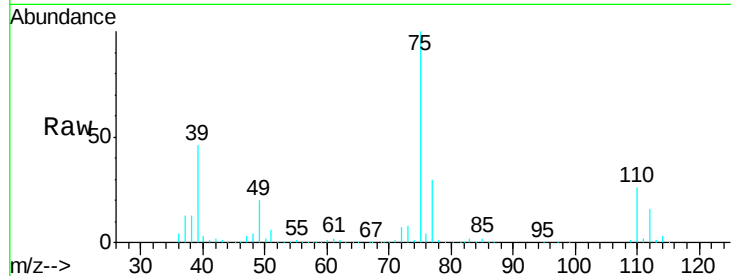




#53
 t-1,3-Dichloropropene
 Concen: 48.936 ug/l
 RT: 10.47 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: VY000236.D
 Acq: 09 Oct 2019 11:36

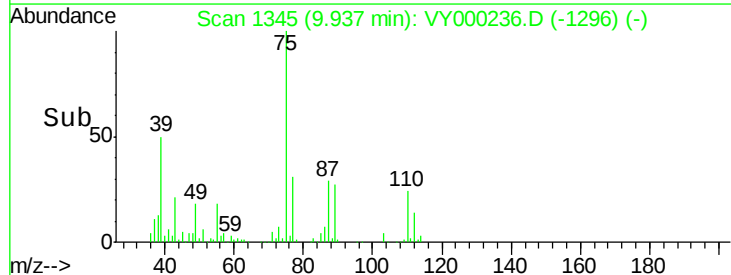
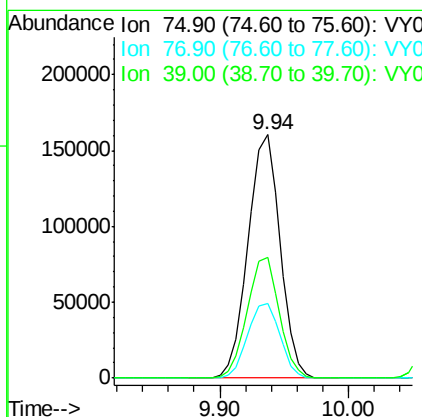
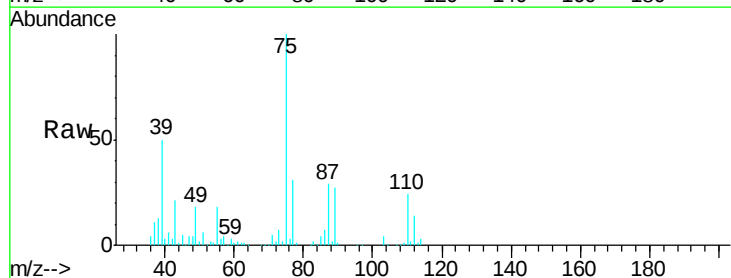
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

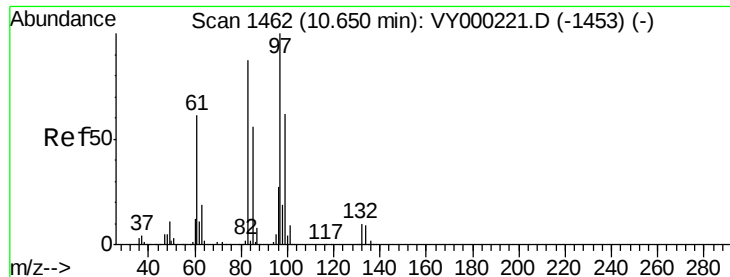
Tgt Ion: 75 Resp: 262064
 Ion Ratio Lower Upper
 75 100
 77 29.6 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 47.474 ug/l
 RT: 9.94 min Scan# 1345
 Delta R.T. 0.00 min
 Lab File: VY000236.D
 Acq: 09 Oct 2019 11:36

Tgt Ion: 75 Resp: 275095
 Ion Ratio Lower Upper
 75 100
 77 30.5 25.0 37.4
 39 49.5 36.3 54.5

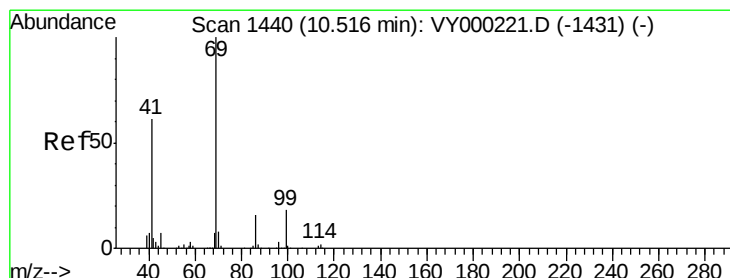
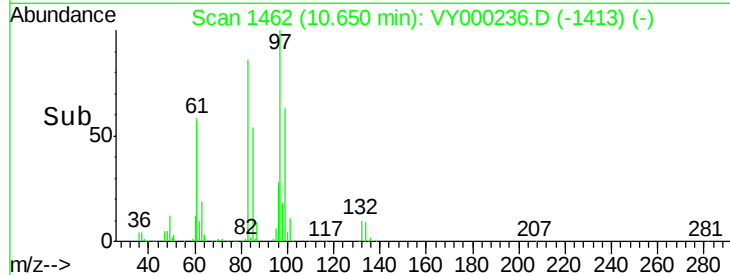
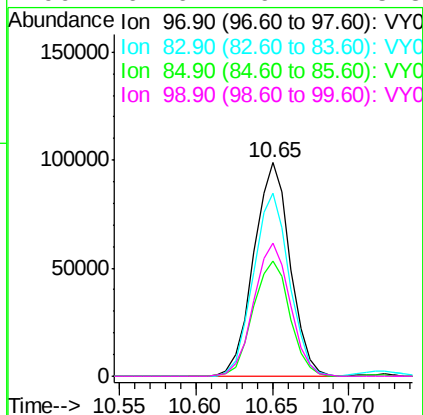
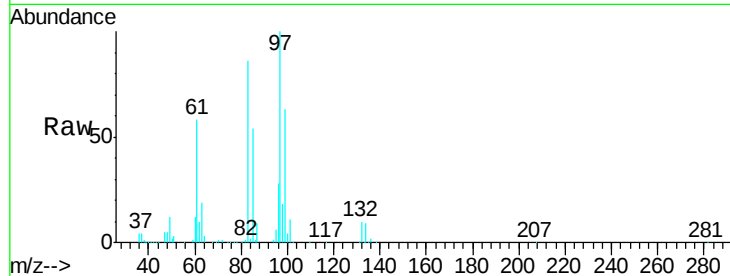




#55
 1,1,2-Trichloroethane
 Concen: 47.017 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. 0.00 min
 Lab File: VY000236.D
 Acq: 09 Oct 2019 11:36

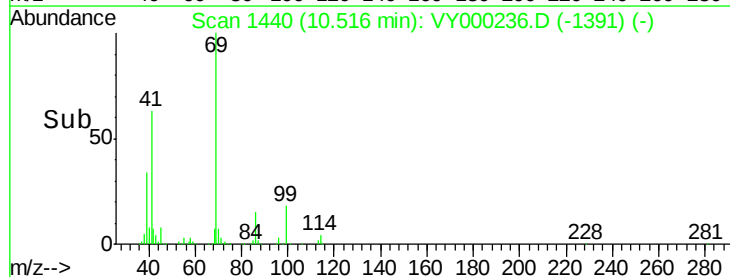
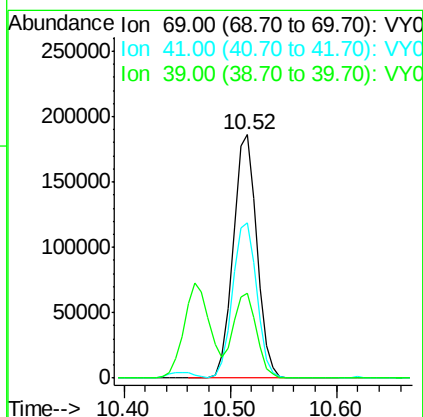
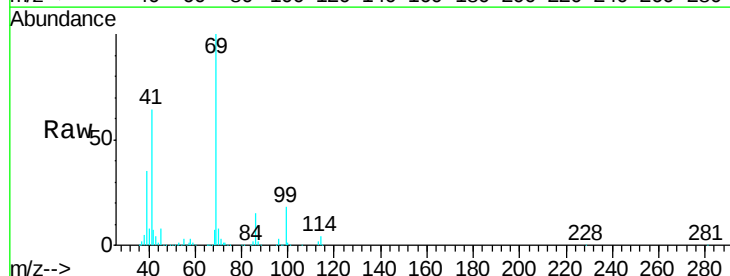
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

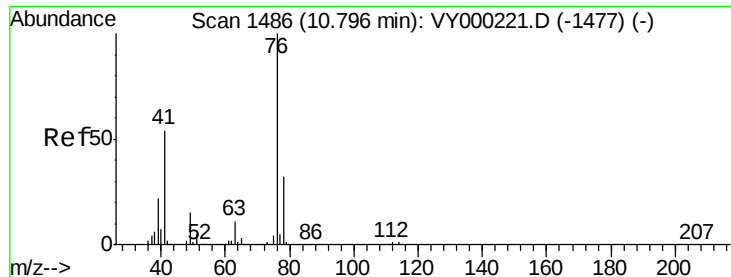
Tgt Ion: 97 Resp: 163409
 Ion Ratio Lower Upper
 97 100
 83 85.9 69.4 104.0
 85 53.9 44.6 66.8
 99 62.6 49.2 73.8



#56
 Ethyl methacrylate
 Concen: 47.455 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VY000236.D
 Acq: 09 Oct 2019 11:36

Tgt Ion: 69 Resp: 290371
 Ion Ratio Lower Upper
 69 100
 41 65.5 51.2 76.8
 39 34.8 27.0 40.4

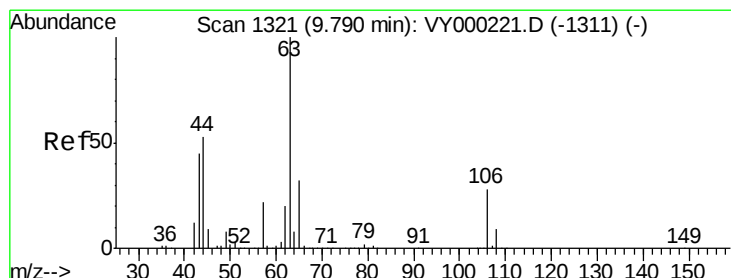
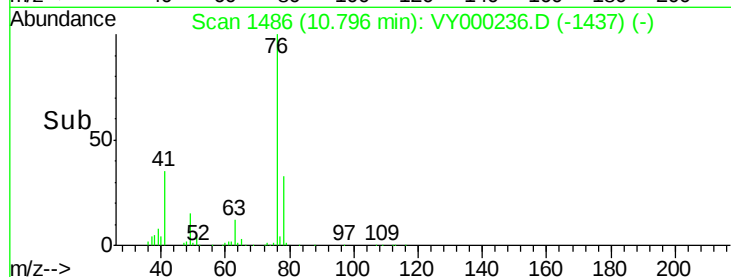
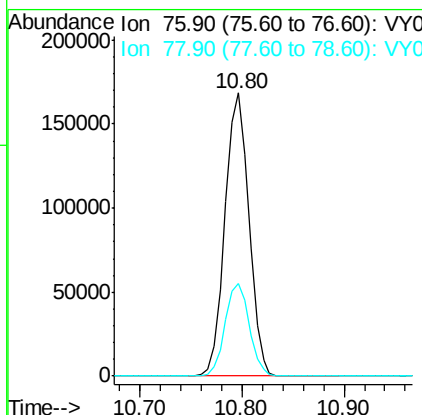
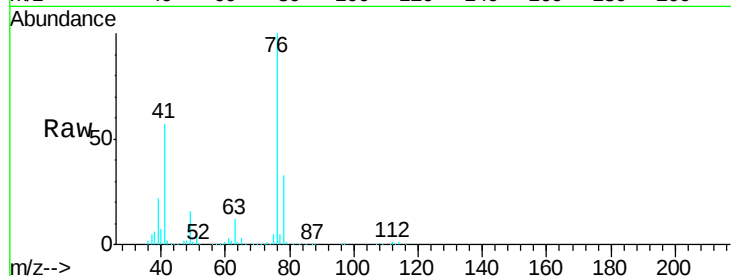




#57
 1,3-Dichloropropane
 Concen: 46.193 ug/l
 RT: 10.80 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VY000236.D
 Acq: 09 Oct 2019 11:36

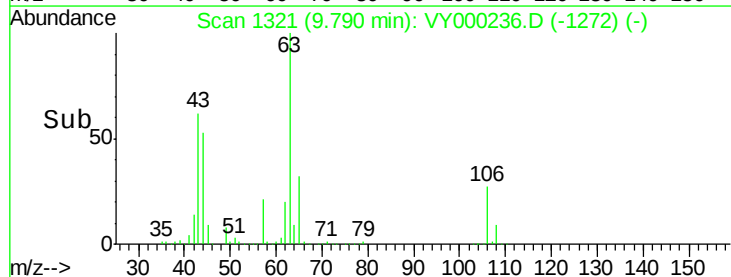
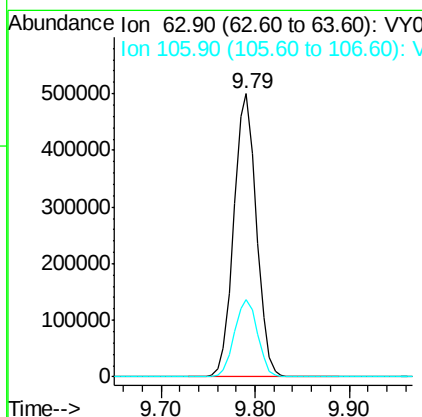
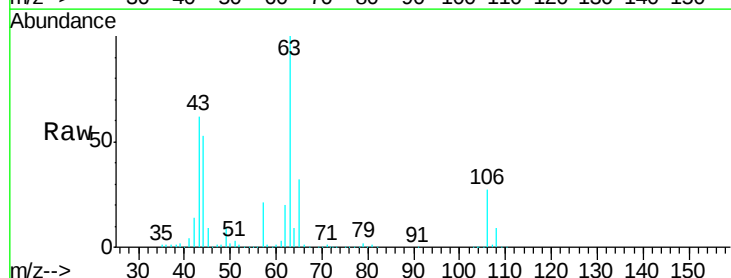
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

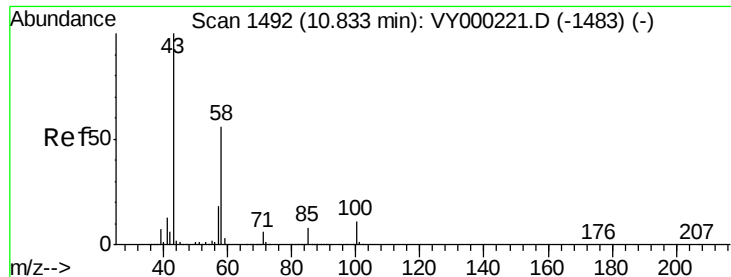
Tgt Ion: 76 Resp: 274118
 Ion Ratio Lower Upper
 76 100
 78 33.1 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 304.035 ug/l
 RT: 9.79 min Scan# 1321
 Delta R.T. 0.00 min
 Lab File: VY000236.D
 Acq: 09 Oct 2019 11:36

Tgt Ion: 63 Resp: 829220
 Ion Ratio Lower Upper
 63 100
 106 28.1 22.6 33.8

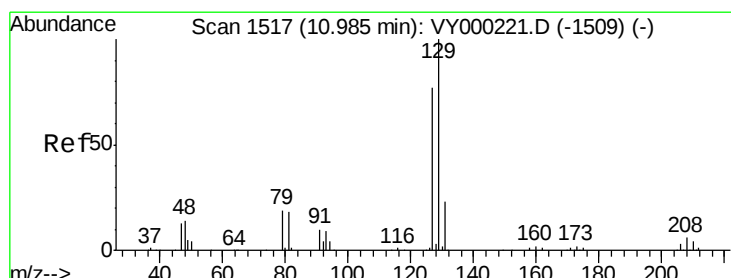
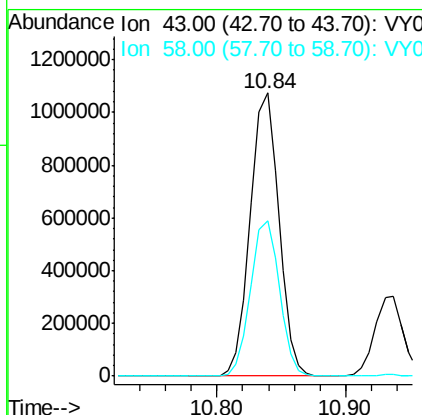
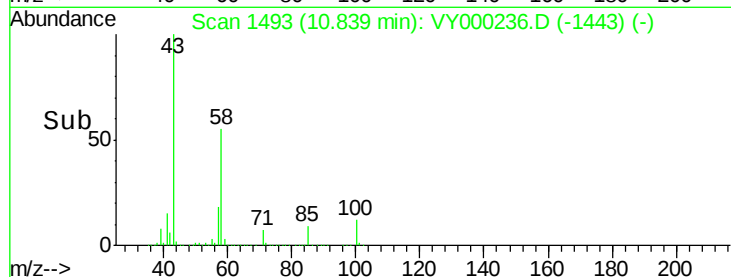
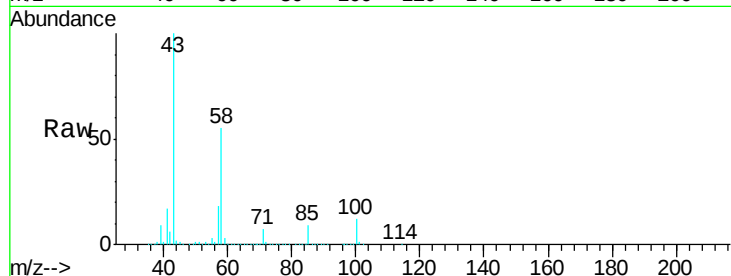




#59
2-Hexanone
Concen: 234.902 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. 0.01 min
Lab File: VY000236.D
Acq: 09 Oct 2019 11:36

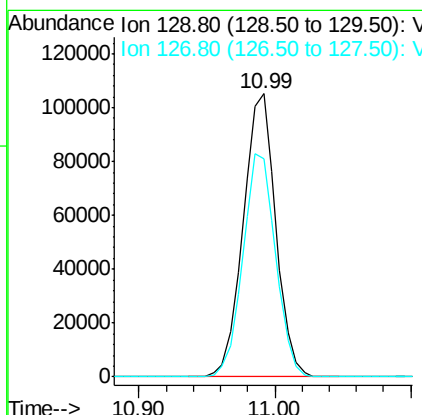
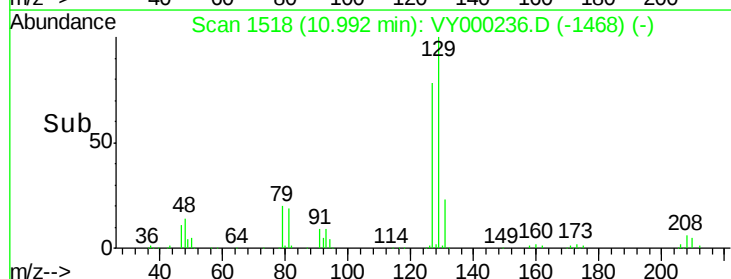
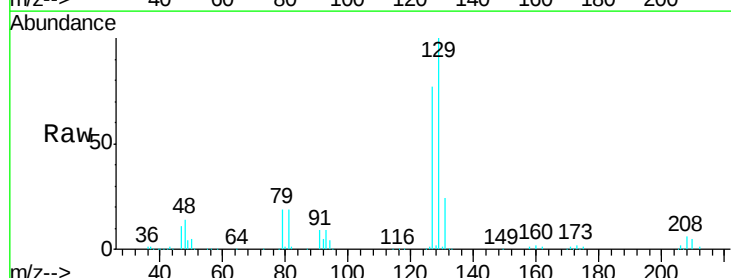
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

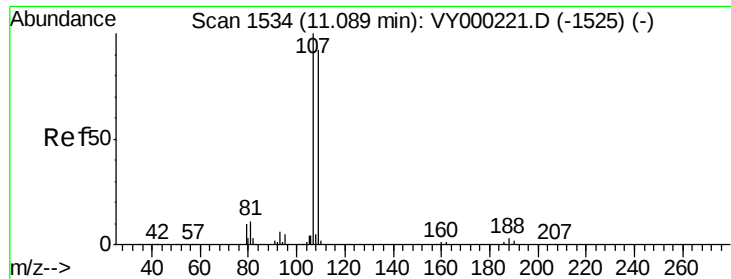
Tgt Ion: 43 Resp: 1652438
Ion Ratio Lower Upper
43 100
58 55.3 28.2 84.6



#60
Dibromochloromethane
Concen: 47.728 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. 0.01 min
Lab File: VY000236.D
Acq: 09 Oct 2019 11:36

Tgt Ion: 129 Resp: 175385
Ion Ratio Lower Upper
129 100
127 79.3 39.1 117.2

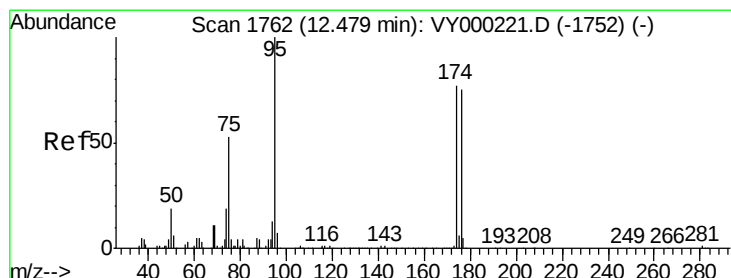
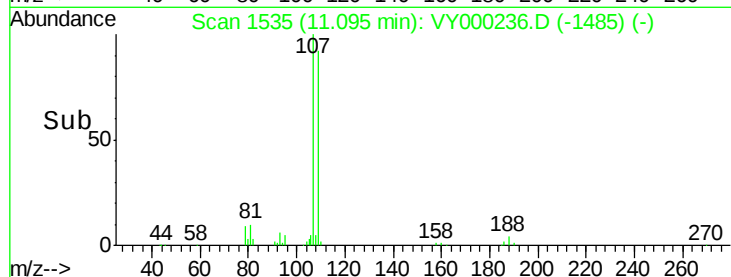
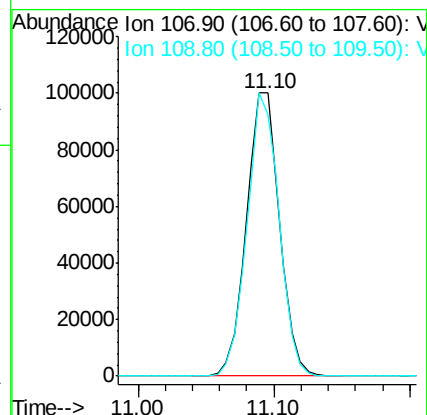
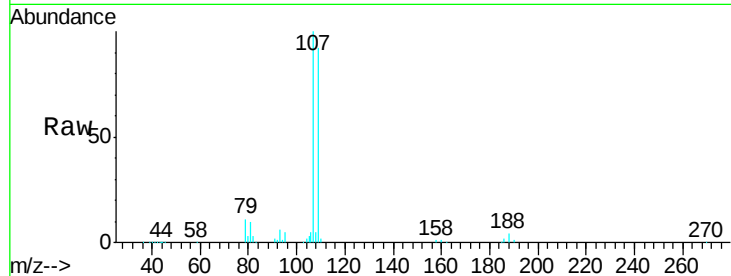




#61
 1,2-Dibromoethane
 Concen: 46.235 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. 0.01 min
 Lab File: VY000236.D
 Acq: 09 Oct 2019 11:36

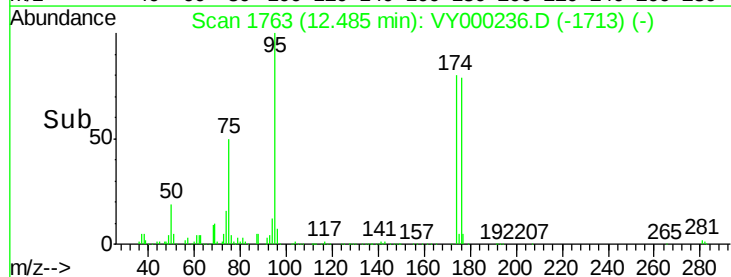
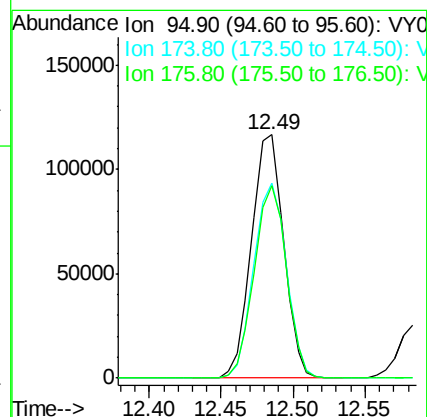
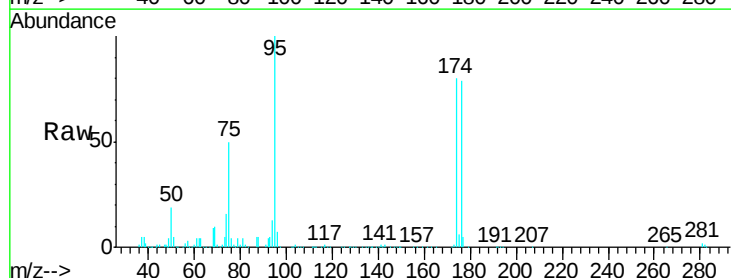
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

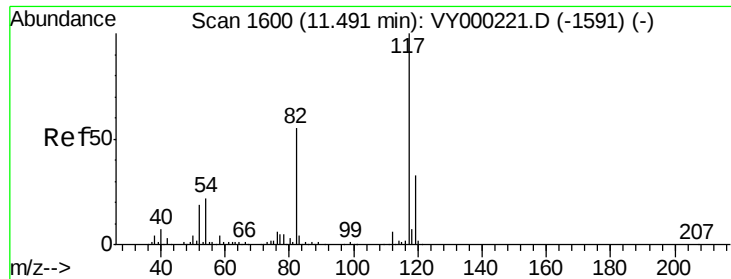
Tgt Ion: 107 Resp: 170688
 Ion Ratio Lower Upper
 107 100
 109 96.2 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 46.873 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. 0.01 min
 Lab File: VY000236.D
 Acq: 09 Oct 2019 11:36

Tgt Ion: 95 Resp: 180278
 Ion Ratio Lower Upper
 95 100
 174 81.2 0.0 157.0
 176 79.0 0.0 153.0

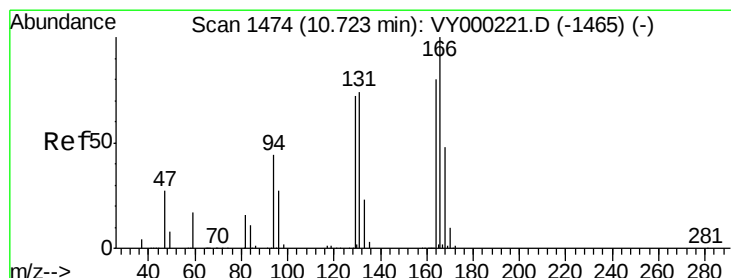
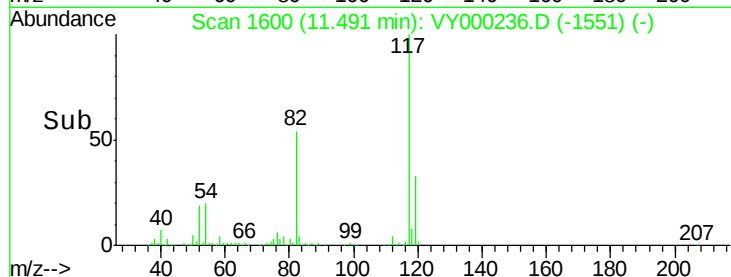
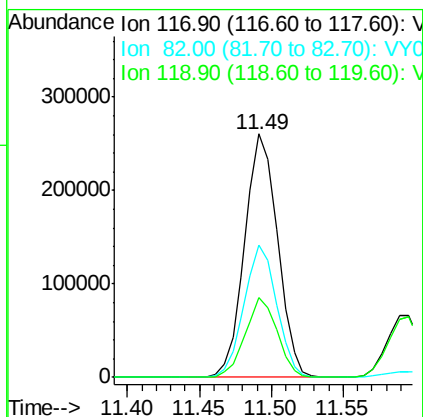
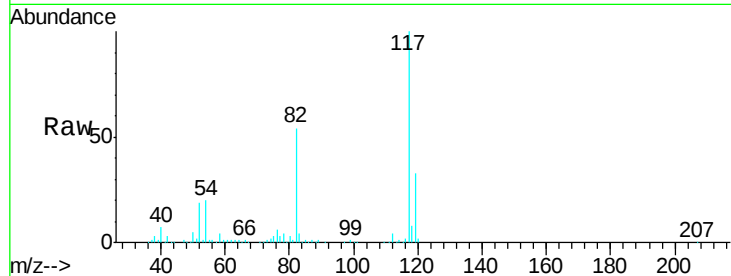




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY000236.D
Acq: 09 Oct 2019 11:36

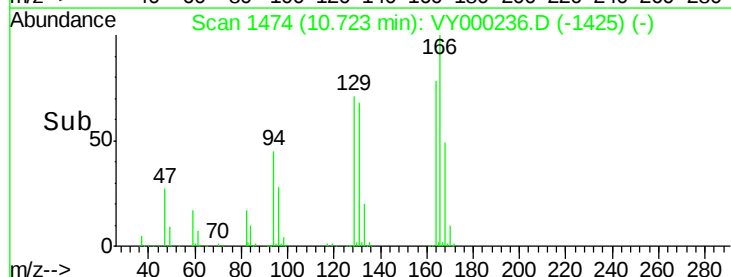
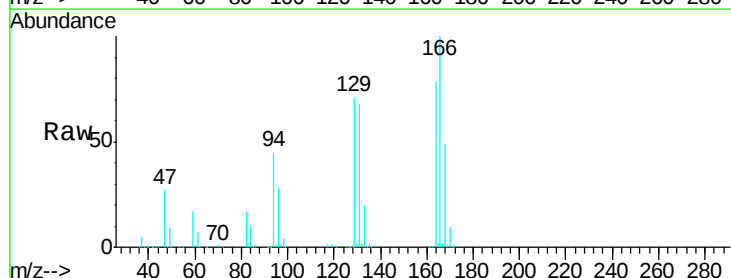
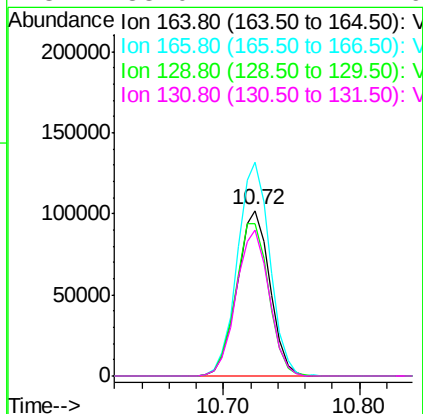
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

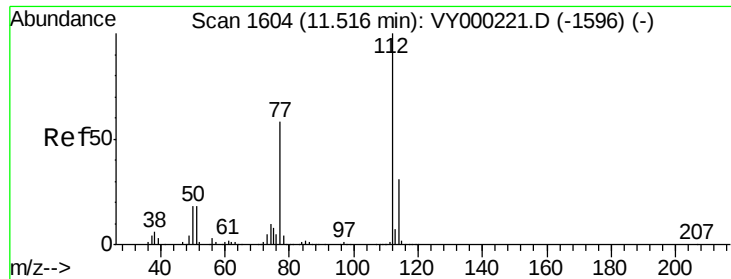
Tgt Ion:117 Resp: 412621
Ion Ratio Lower Upper
117 100
82 54.3 44.4 66.6
119 32.7 26.2 39.2



#64
Tetrachloroethene
Concen: 45.468 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VY000236.D
Acq: 09 Oct 2019 11:36

Tgt Ion:164 Resp: 171484
Ion Ratio Lower Upper
164 100
166 128.9 100.3 150.5
129 92.2 72.4 108.6
131 88.0 74.4 111.6

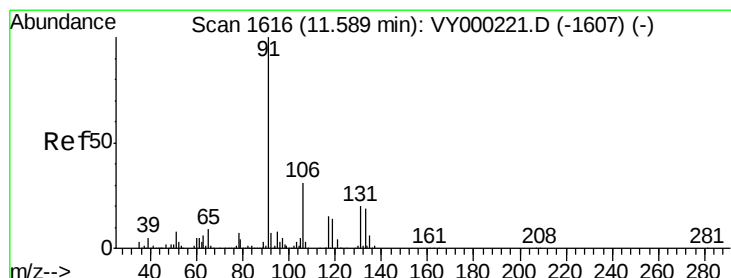
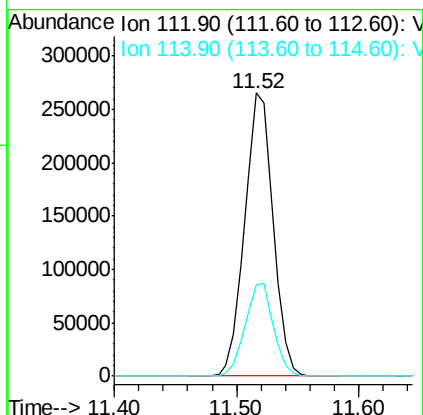
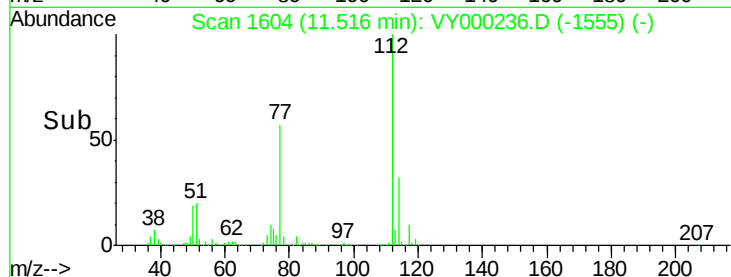
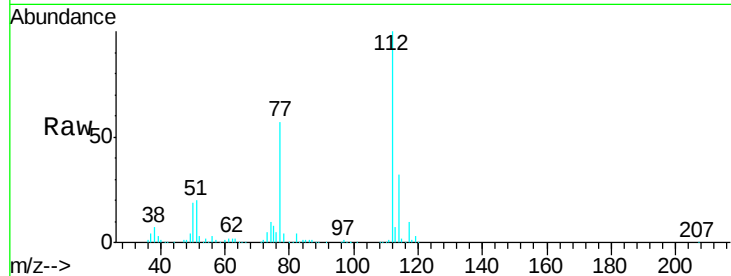




#65
Chlorobenzene
Concen: 44.821 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY000236.D
Acq: 09 Oct 2019 11:36

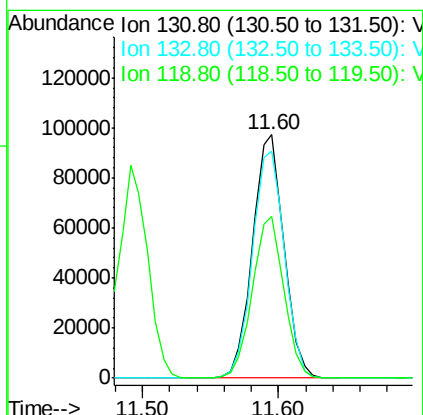
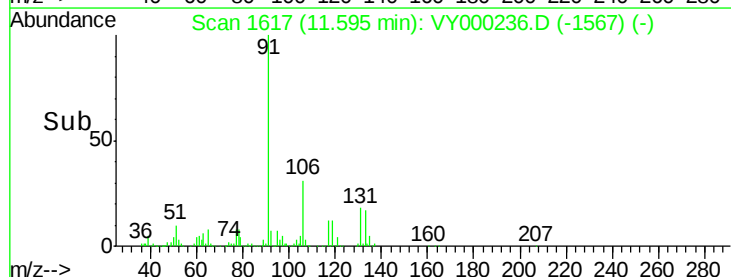
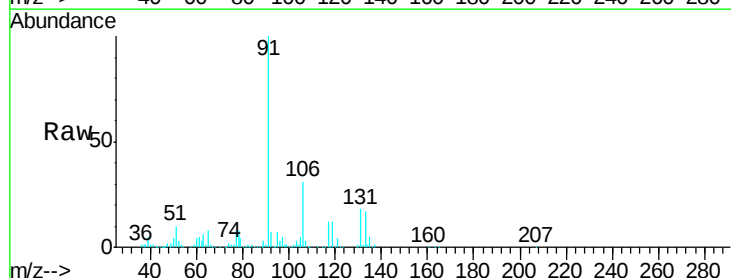
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

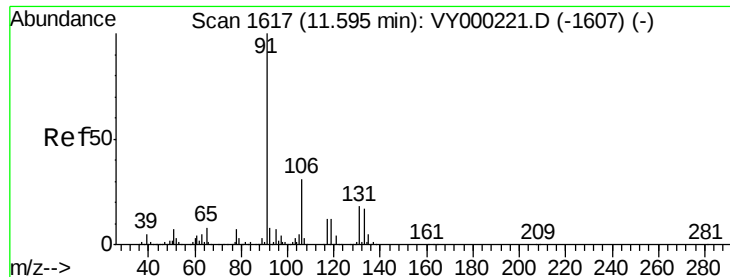
Tgt Ion:112 Resp: 428574
Ion Ratio Lower Upper
112 100
114 32.4 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 46.118 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.01 min
Lab File: VY000236.D
Acq: 09 Oct 2019 11:36

Tgt Ion:131 Resp: 157649
Ion Ratio Lower Upper
131 100
133 94.9 47.0 141.2
119 66.4 33.3 99.8





#67

Ethyl Benzene

Concen: 46.890 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. 0.00 min

Lab File: VY000236.D

Acq: 09 Oct 2019 11:36

Instrument :

MSVOA_Y

ClientSampleId :

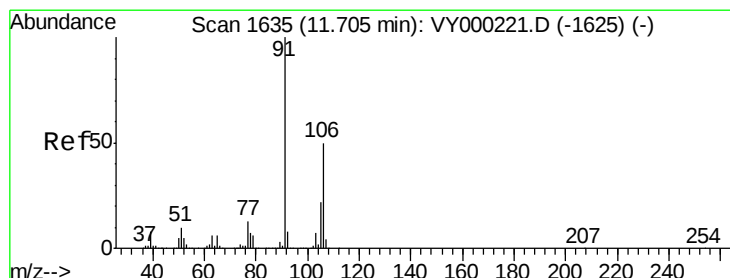
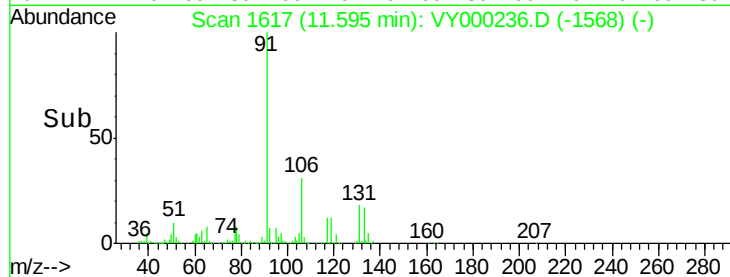
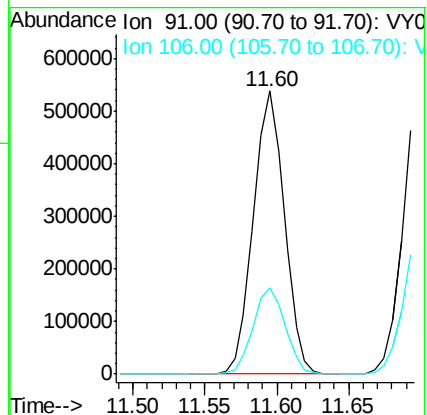
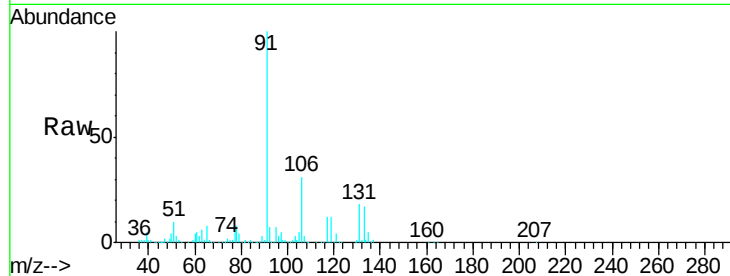
VSTDCCC050

Tgt Ion: 91 Resp: 801495

Ion Ratio Lower Upper

91 100

106 30.7 25.2 37.8



#68

m/p-Xylenes

Concen: 94.066 ug/l

RT: 11.70 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VY000236.D

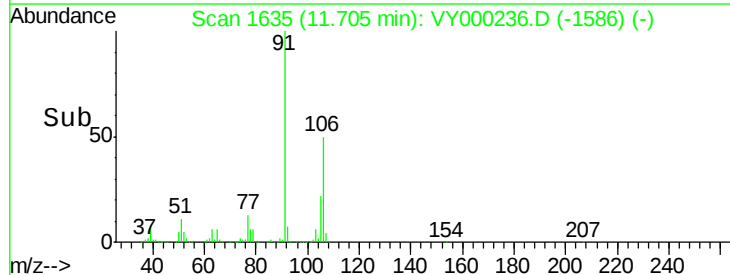
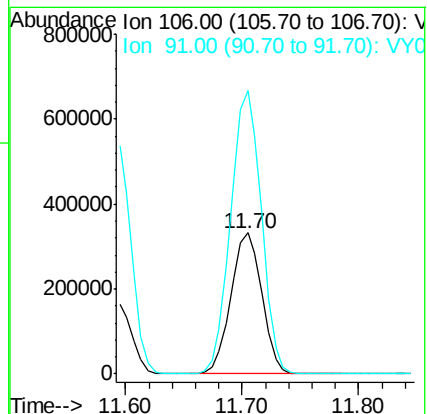
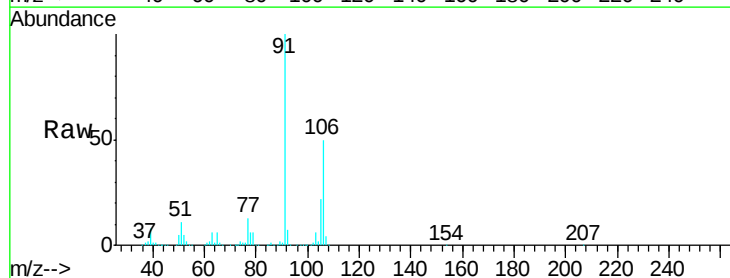
Acq: 09 Oct 2019 11:36

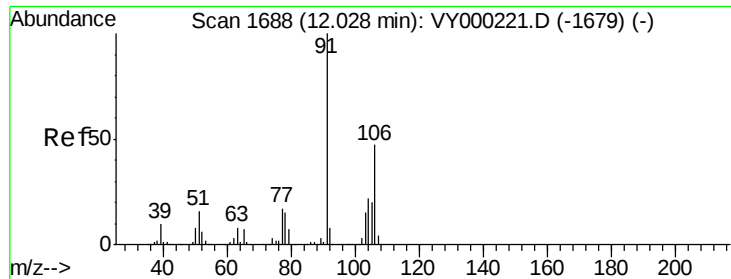
Tgt Ion: 106 Resp: 613508

Ion Ratio Lower Upper

106 100

91 199.4 159.9 239.9

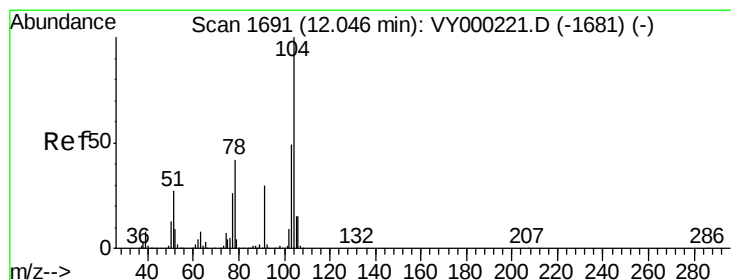
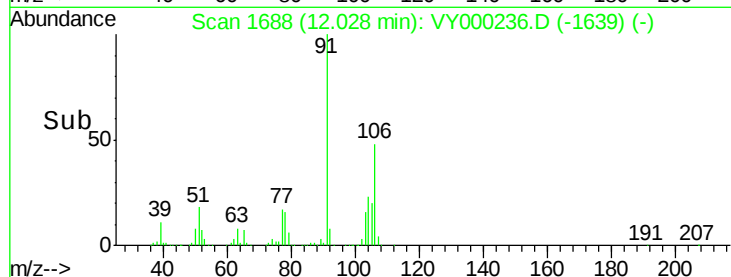
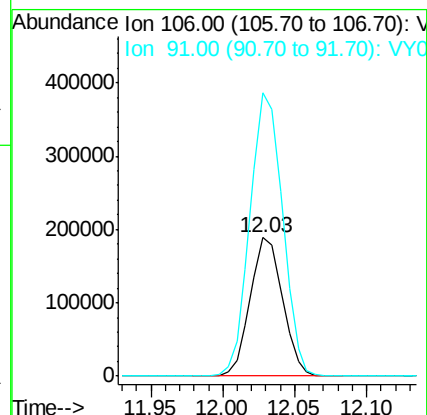
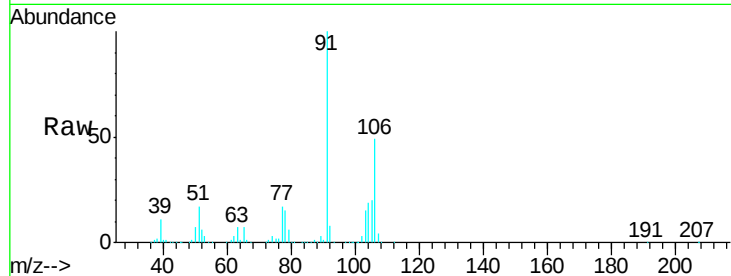




#69
o-Xylene
Concen: 46.818 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY000236.D
Acq: 09 Oct 2019 11:36

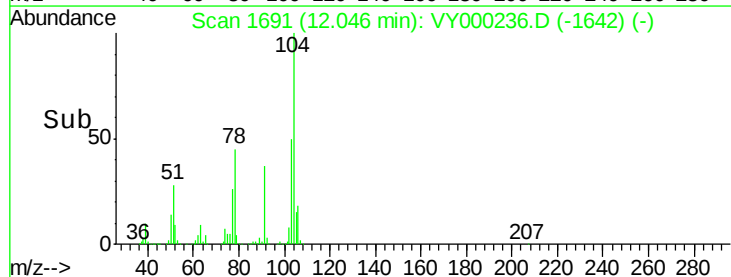
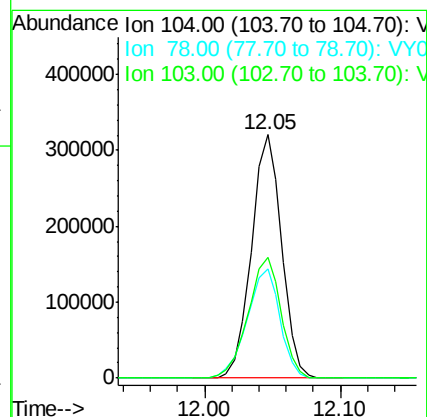
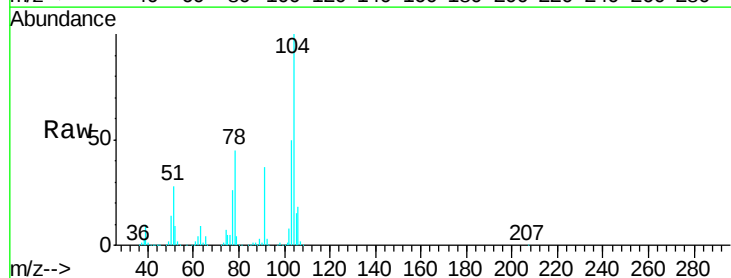
Instrument :
MSVOA_Y
ClientSampled :
VSTDCCC050

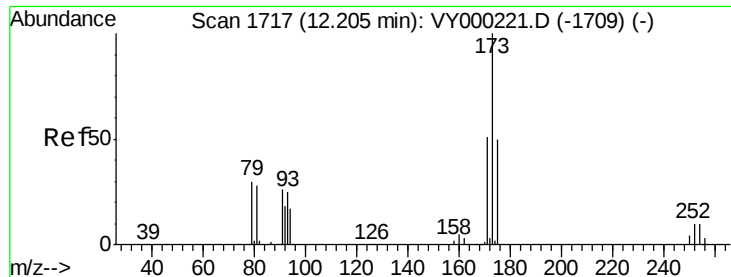
Tgt Ion:106 Resp: 294171
Ion Ratio Lower Upper
106 100
91 206.5 106.1 318.1



#70
Styrene
Concen: 46.085 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VY000236.D
Acq: 09 Oct 2019 11:36

Tgt Ion:104 Resp: 498782
Ion Ratio Lower Upper
104 100
78 49.1 39.0 58.4
103 54.2 43.1 64.7





#71

Bromoform

Concen: 47.382 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.01 min

Lab File: VY000236.D

Acq: 09 Oct 2019 11:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

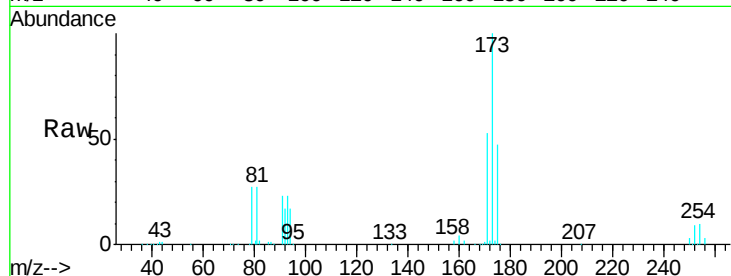
Tgt Ion:173 Resp: 133652

Ion Ratio Lower Upper

173 100

175 47.9 24.8 74.3

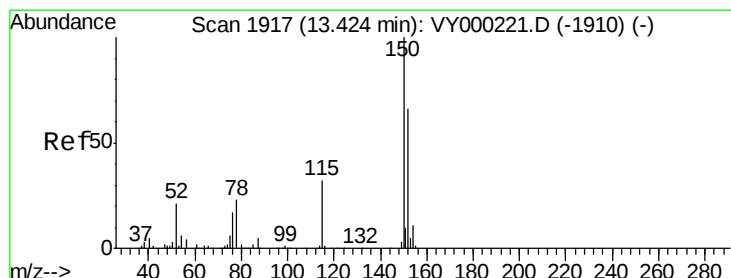
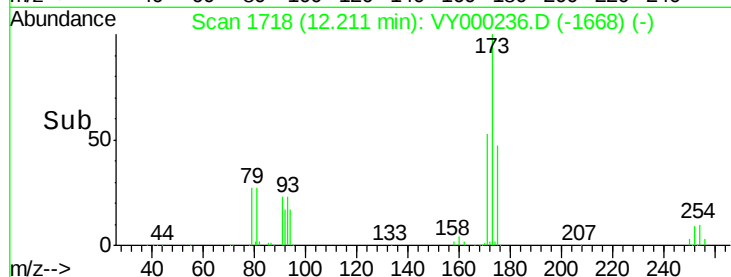
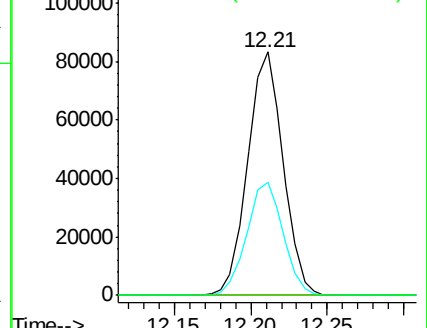
254 0.0 0.1 0.1#



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: VY000236.D

Acq: 09 Oct 2019 11:36

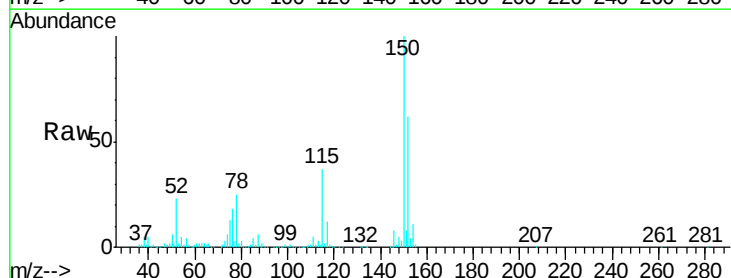
Tgt Ion:152 Resp: 197858

Ion Ratio Lower Upper

152 100

115 59.1 29.3 88.0

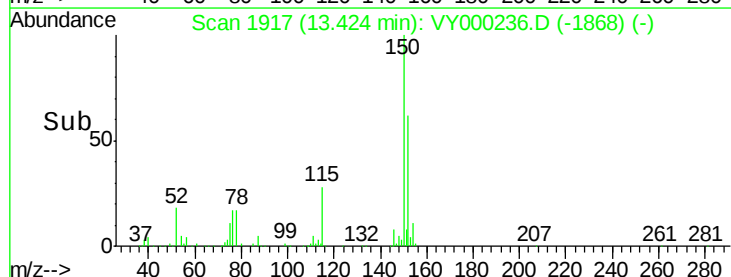
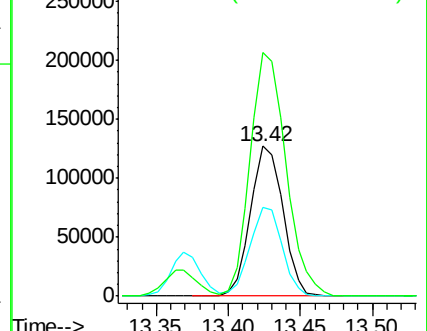
150 179.6 0.0 349.6

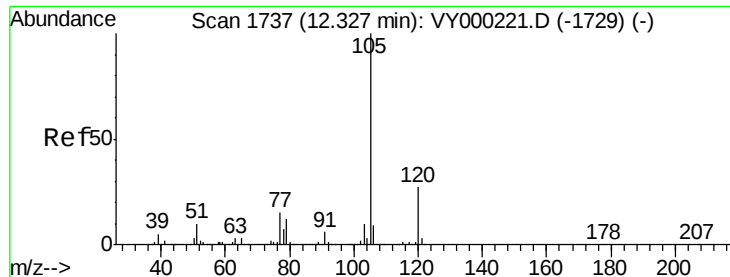


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 46.598 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. 0.01 min

Lab File: VY000236.D

Acq: 09 Oct 2019 11:36

Instrument :

MSVOA_Y

ClientSampleId :

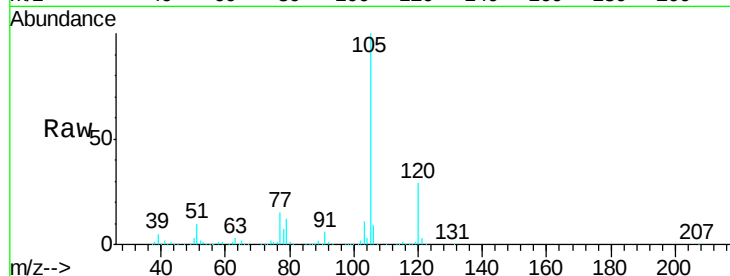
VSTDCCC050

Tgt Ion: 105 Resp: 781270

Ion Ratio Lower Upper

105 100

120 27.2 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

600000

500000

400000

300000

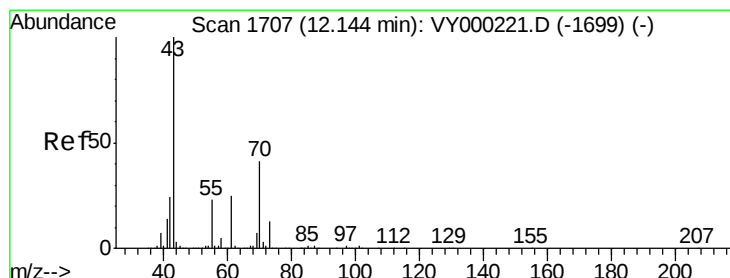
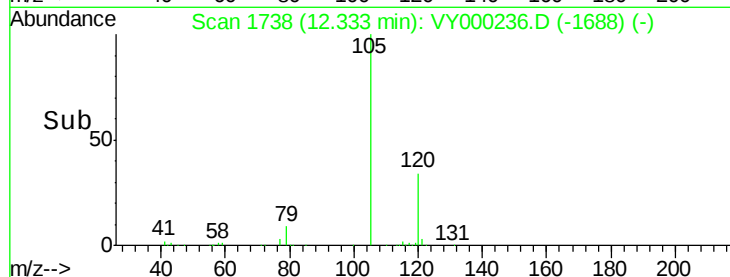
200000

100000

0

12.25 12.30 12.35 12.40

Time-->



#74

N-ethyl acetate

Concen: 45.355 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY000236.D

Acq: 09 Oct 2019 11:36

Tgt Ion: 43 Resp: 401430

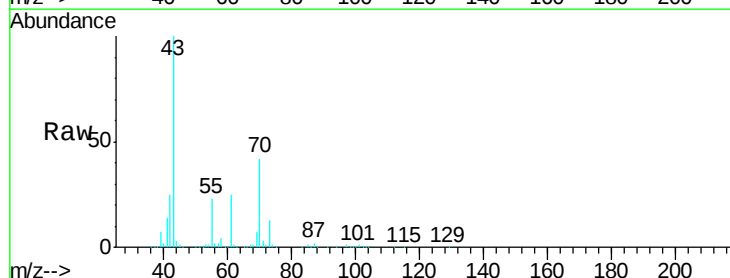
Ion Ratio Lower Upper

43 100

70 41.9 34.9 52.3

55 22.3 18.2 27.2

61 24.8 20.1 30.1



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

400000

300000

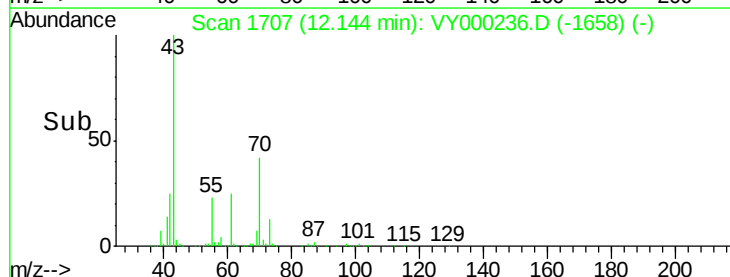
200000

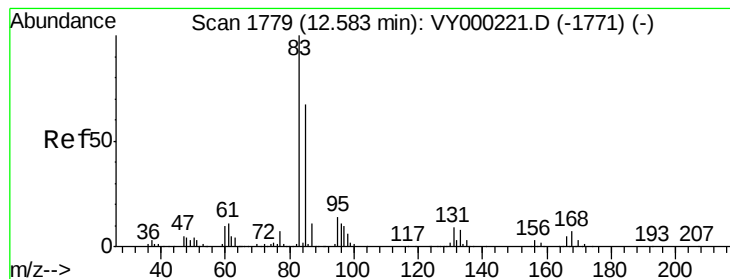
100000

0

12.10 12.20

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 45.457 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY000236.D

Acq: 09 Oct 2019 11:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

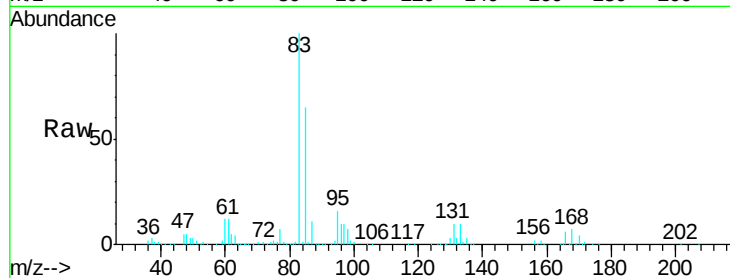
Tgt Ion: 83 Resp: 260100

Ion Ratio Lower Upper

83 100

131 9.5 4.8 14.3

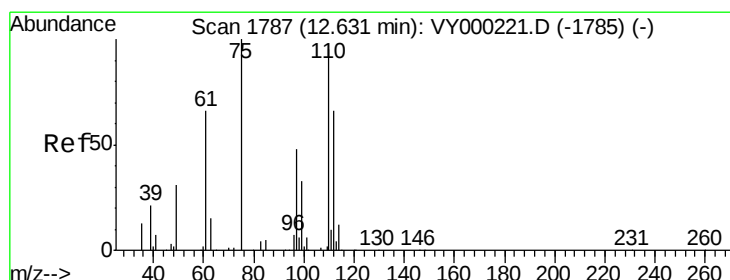
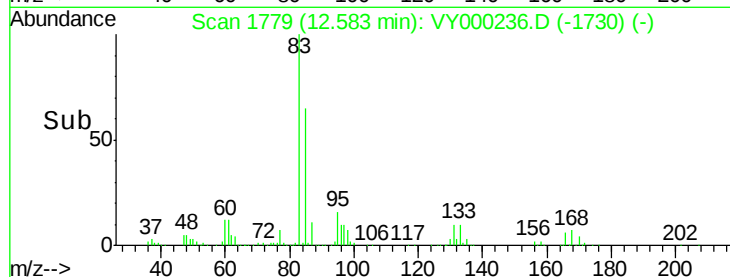
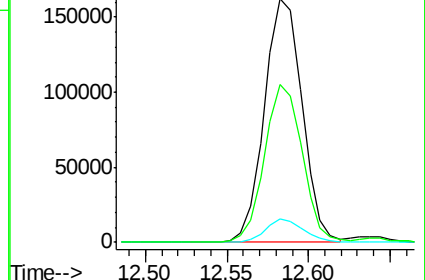
85 64.8 32.5 97.5



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 77.474 ug/l

RT: 12.64 min Scan# 1788

Delta R.T. 0.01 min

Lab File: VY000236.D

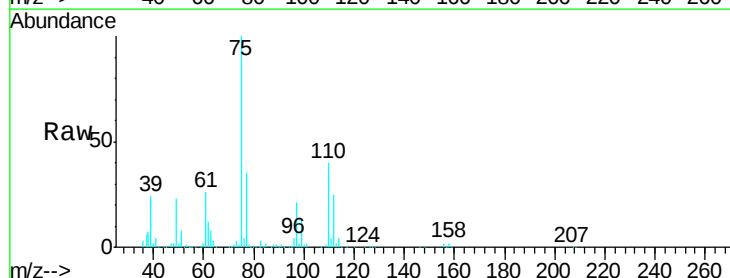
Acq: 09 Oct 2019 11:36

Tgt Ion: 75 Resp: 404713

Ion Ratio Lower Upper

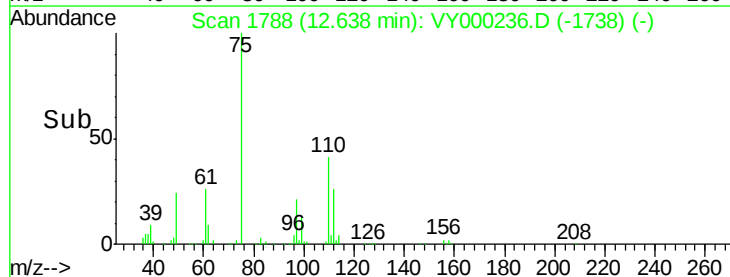
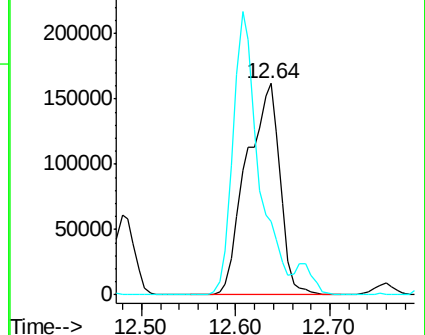
75 100

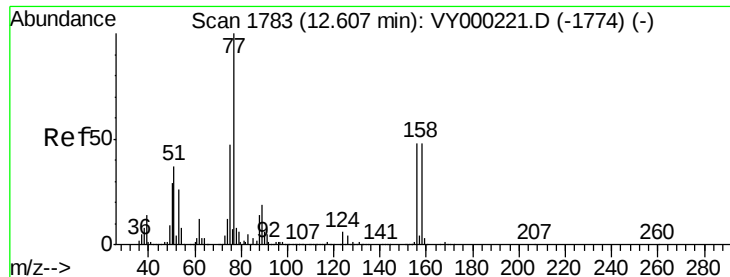
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 46.673 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY000236.D

Acq: 09 Oct 2019 11:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

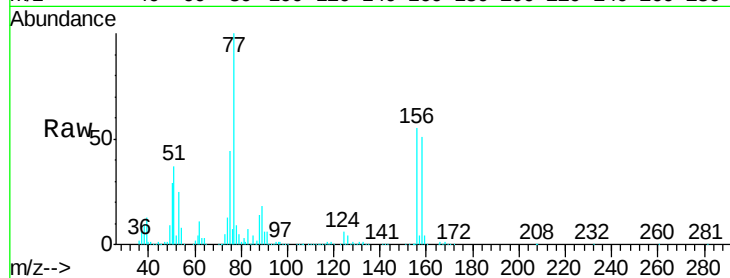
Tgt Ion:156 Resp: 183501

Ion Ratio Lower Upper

156 100

77 226.1 118.1 354.3

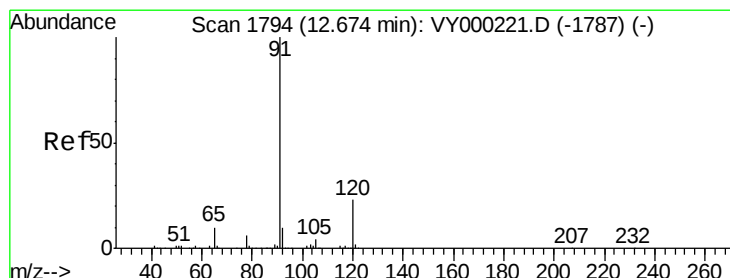
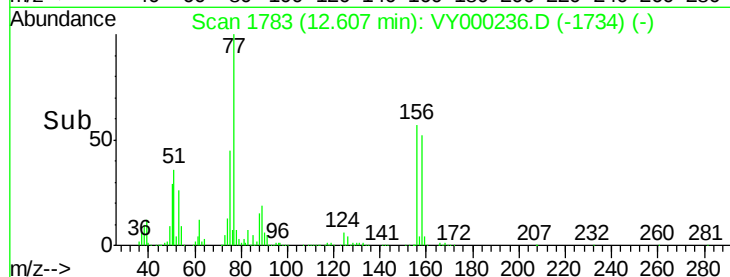
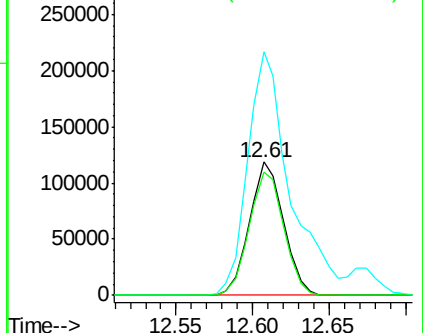
158 94.2 47.8 143.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.112 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. 0.00 min

Lab File: VY000236.D

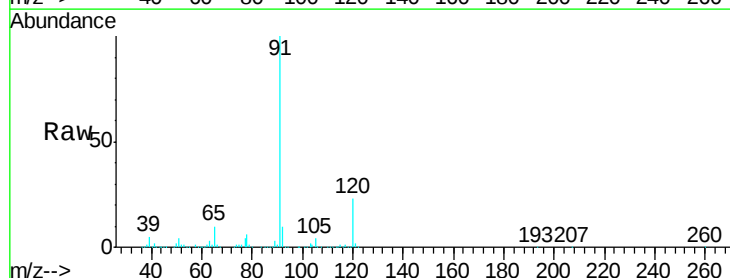
Acq: 09 Oct 2019 11:36

Tgt Ion: 91 Resp: 942202

Ion Ratio Lower Upper

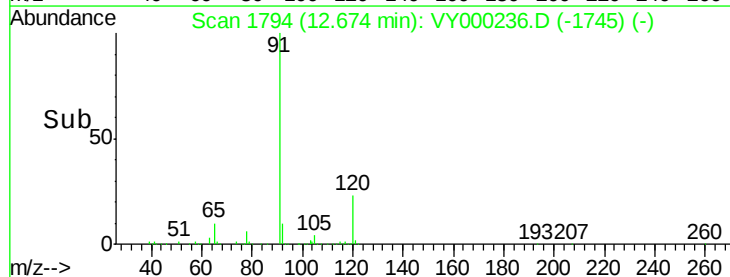
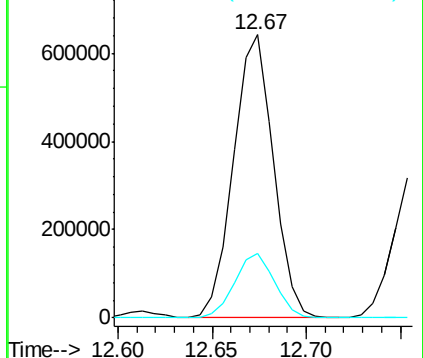
91 100

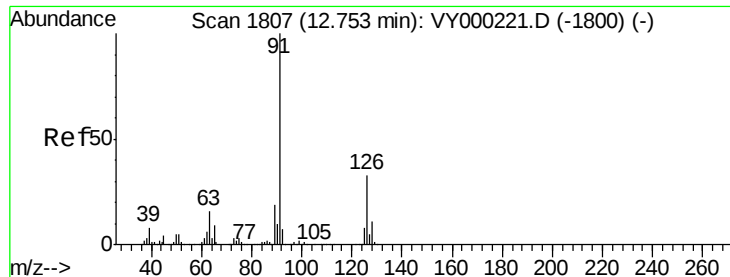
120 22.9 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 46.122 ug/l

RT: 12.76 min Scan# 1808

Delta R.T. 0.01 min

Lab File: VY000236.D

Acq: 09 Oct 2019 11:36

Instrument :

MSVOA_Y

ClientSampleId :

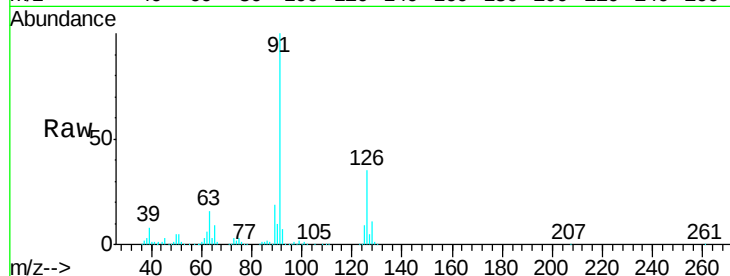
VSTDCCC050

Tgt Ion: 91 Resp: 520036

Ion Ratio Lower Upper

91 100

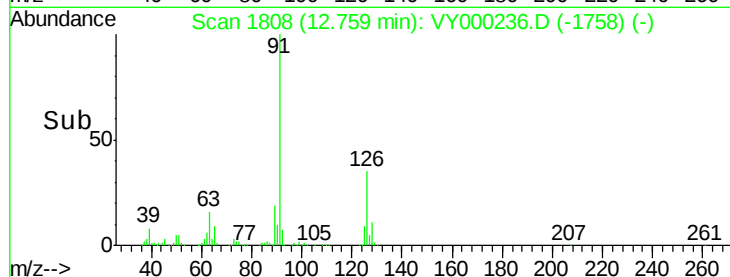
126 34.5 17.2 51.6



Abundance Ion 91.00 (90.70 to 91.70): VY000221.D (-1800) (-)

Ion 125.90 (125.60 to 126.60): VY000221.D (-1800) (-)

Time-->

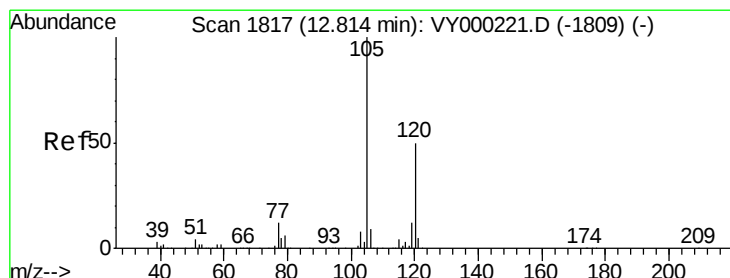


Abundance

Ion 91.00 (90.70 to 91.70): VY000236.D (-1758) (-)

Ion 125.90 (125.60 to 126.60): VY000236.D (-1758) (-)

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 47.327 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. 0.00 min

Lab File: VY000236.D

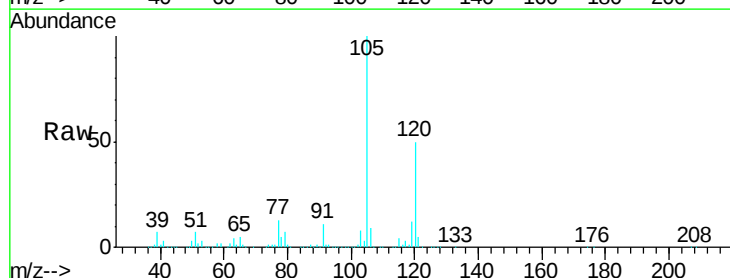
Acq: 09 Oct 2019 11:36

Tgt Ion: 105 Resp: 662093

Ion Ratio Lower Upper

105 100

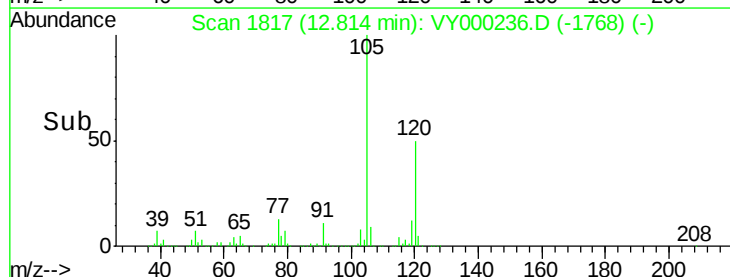
120 50.3 24.8 74.4



Abundance Ion 105.00 (104.70 to 105.70): VY000221.D (-1809) (-)

Ion 120.00 (119.70 to 120.70): VY000221.D (-1809) (-)

Time-->

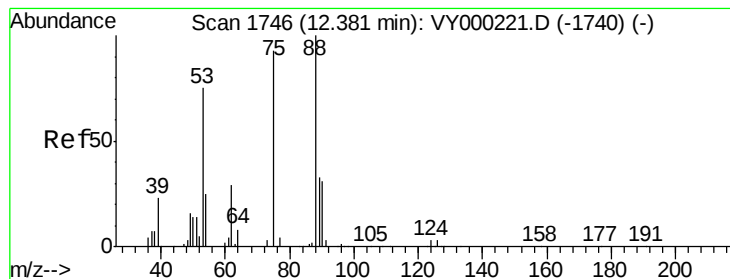


Abundance

Ion 105.00 (104.70 to 105.70): VY000236.D (-1768) (-)

Ion 120.00 (119.70 to 120.70): VY000236.D (-1768) (-)

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 44.287 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.00 min

Lab File: VY000236.D

Acq: 09 Oct 2019 11:36

Instrument :

MSVOA_Y

ClientSampled :

VSTDCCC050

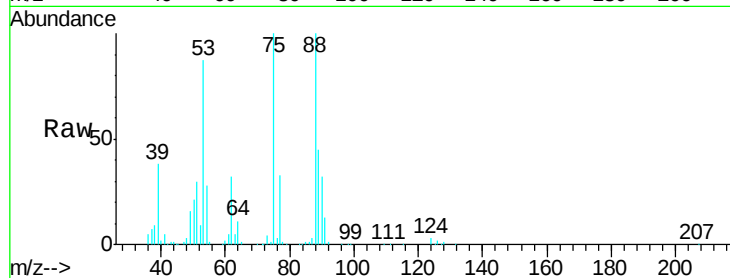
Tgt Ion: 75 Resp: 118944

Ion Ratio Lower Upper

75 100

53 86.8 66.5 99.7

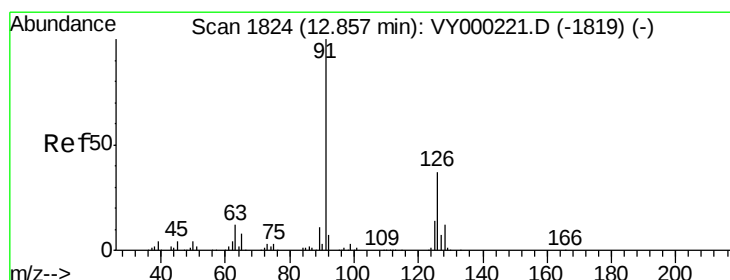
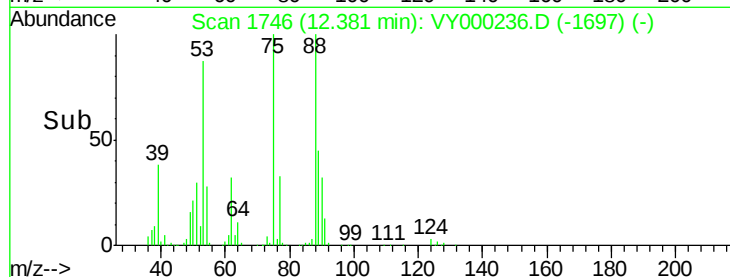
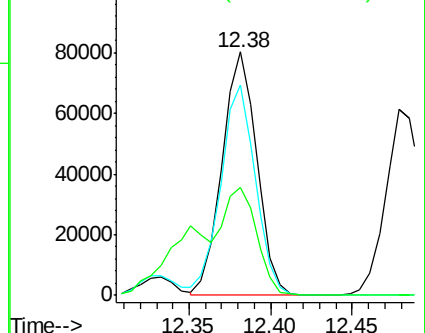
89 43.7 46.9 70.3#



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: 47.752 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. 0.00 min

Lab File: VY000236.D

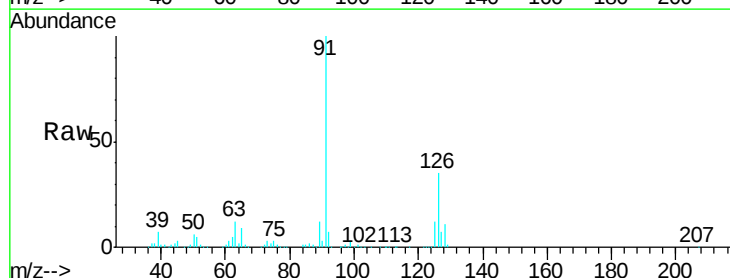
Acq: 09 Oct 2019 11:36

Tgt Ion: 91 Resp: 545343

Ion Ratio Lower Upper

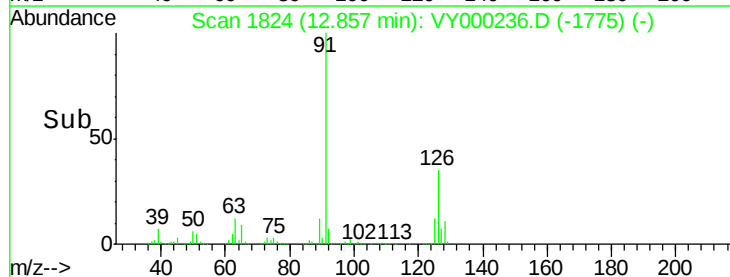
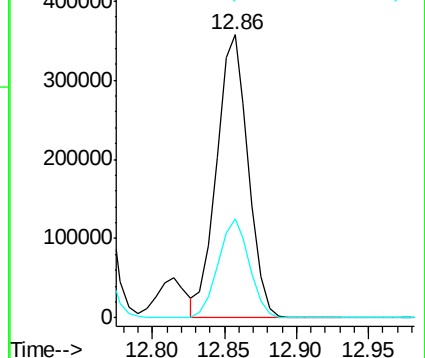
91 100

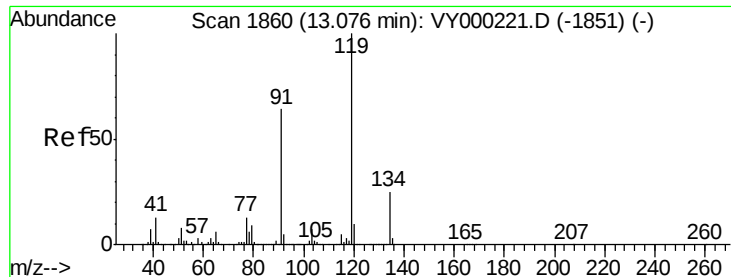
126 34.6 17.3 52.0



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): VY0

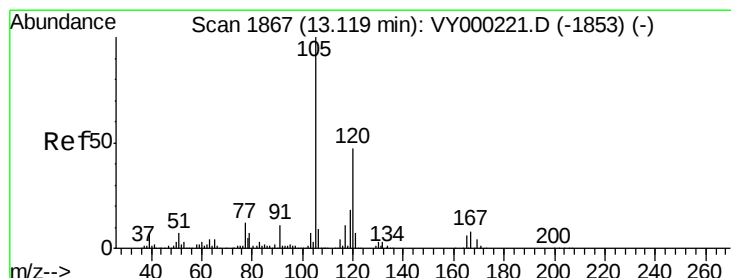
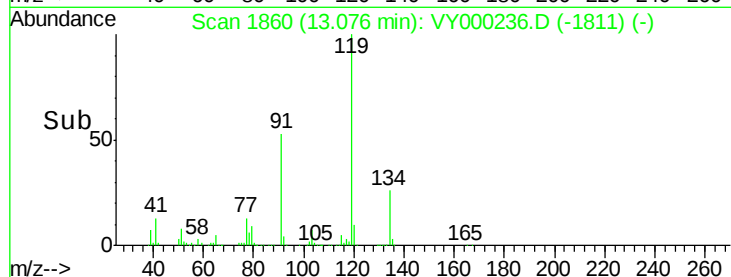
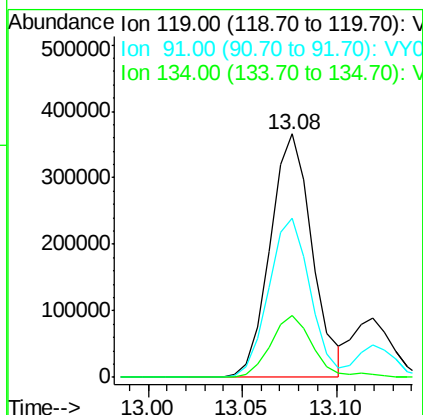
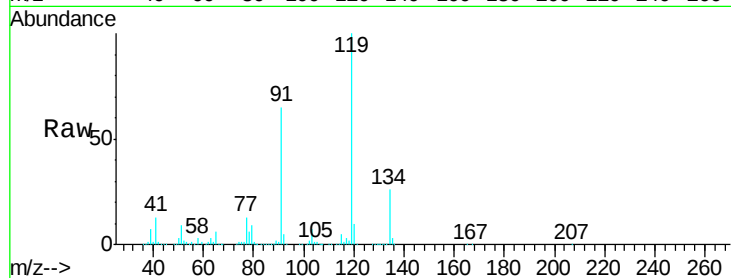




#83
 tert-Butylbenzene
 Concen: 46.435 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VY000236.D
 Acq: 09 Oct 2019 11:36

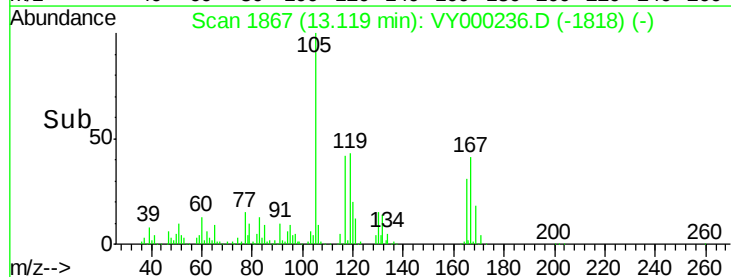
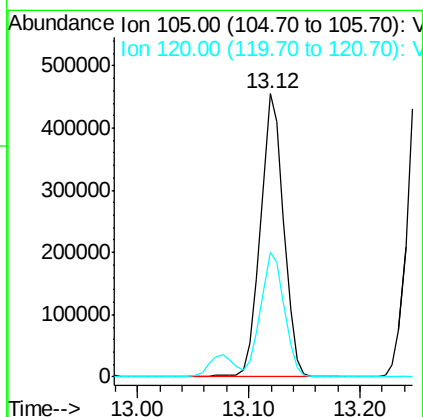
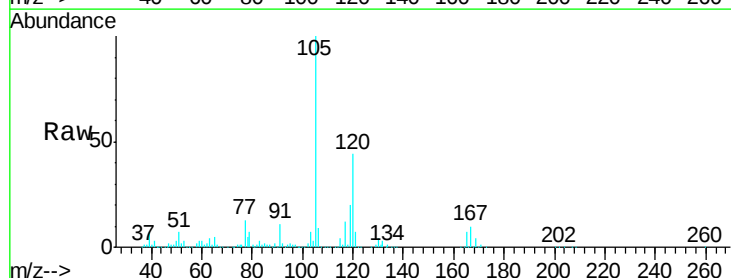
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

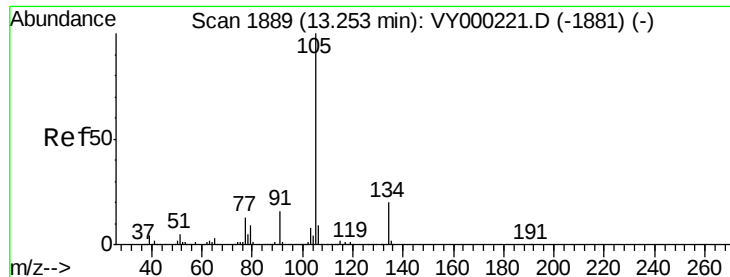
Tgt Ion:119 Resp: 564619
 Ion Ratio Lower Upper
 119 100
 91 64.6 32.4 97.2
 134 26.1 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 47.521 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VY000236.D
 Acq: 09 Oct 2019 11:36

Tgt Ion:105 Resp: 664223
 Ion Ratio Lower Upper
 105 100
 120 44.7 22.8 68.3





#85

sec-Butylbenzene

Concen: 48.313 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY000236.D

Acq: 09 Oct 2019 11:36

Instrument :

MSVOA_Y

ClientSampleId :

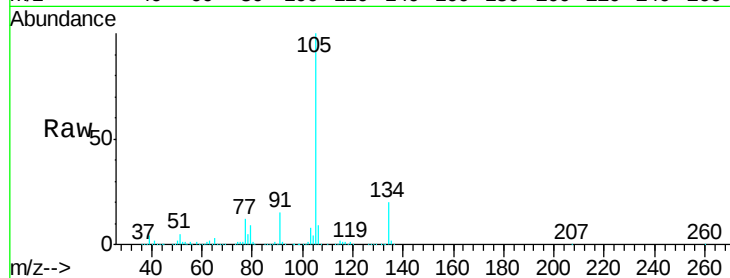
VSTDCCC050

Tgt Ion:105 Resp: 809734

Ion Ratio Lower Upper

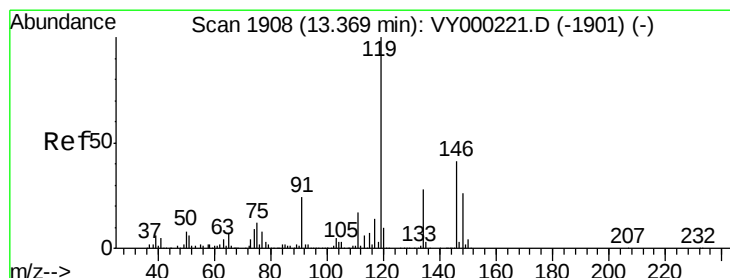
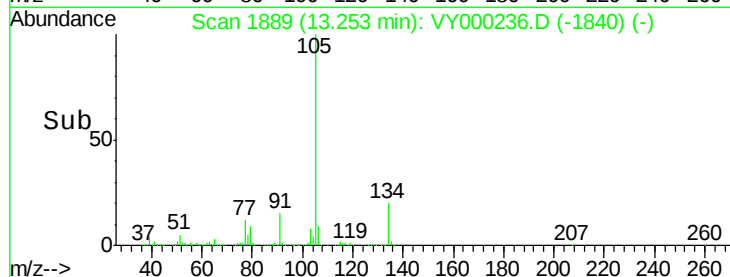
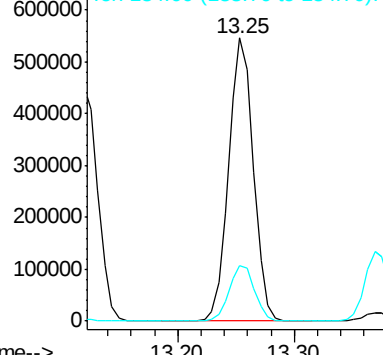
105 100

134 20.3 10.2 30.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 48.368 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY000236.D

Acq: 09 Oct 2019 11:36

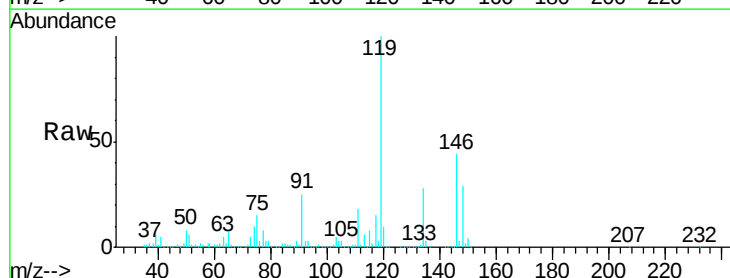
Tgt Ion:119 Resp: 712858

Ion Ratio Lower Upper

119 100

134 27.2 13.3 39.9

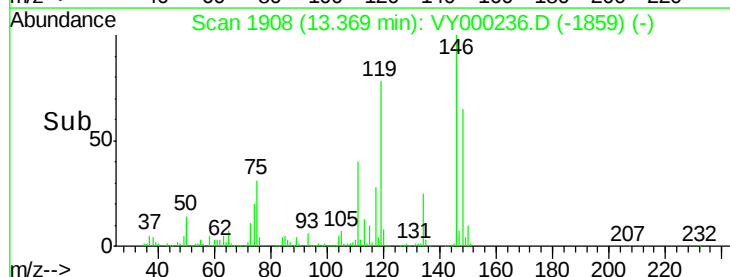
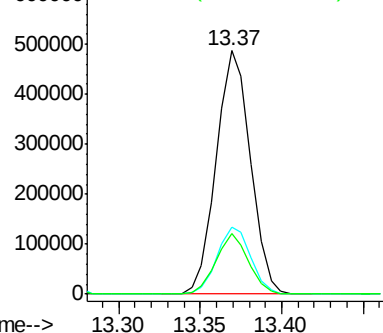
91 23.8 11.7 35.1

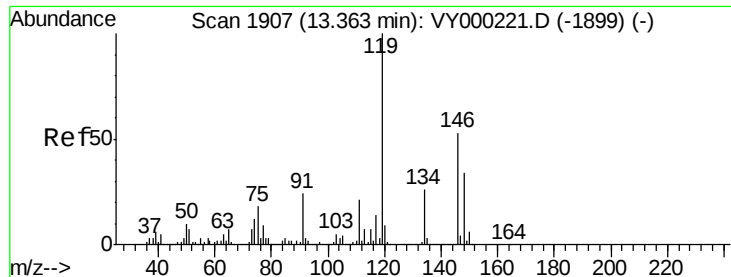


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

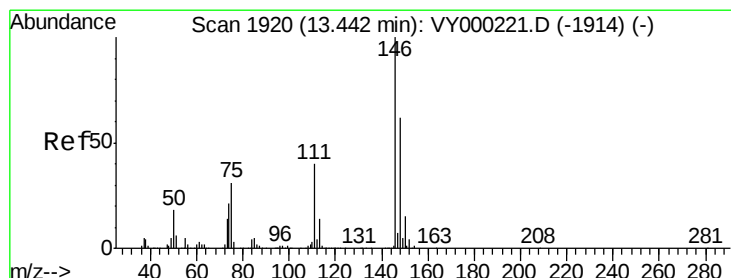
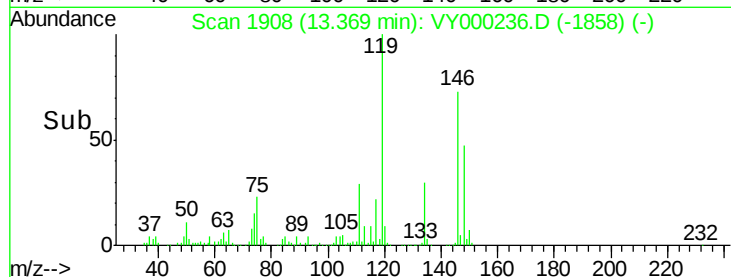
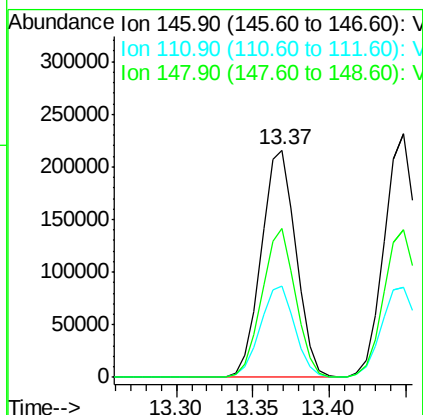
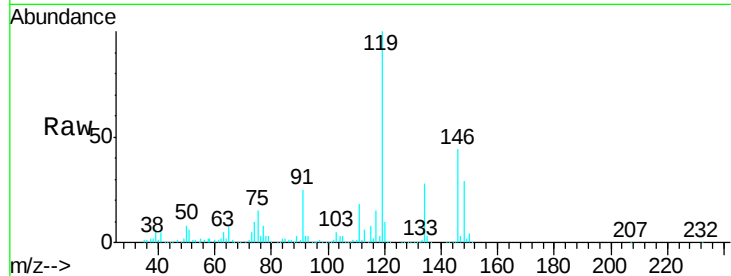




#87
 1,3-Dichlorobenzene
 Concen: 47.883 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.01 min
 Lab File: VY000236.D
 Acq: 09 Oct 2019 11:36

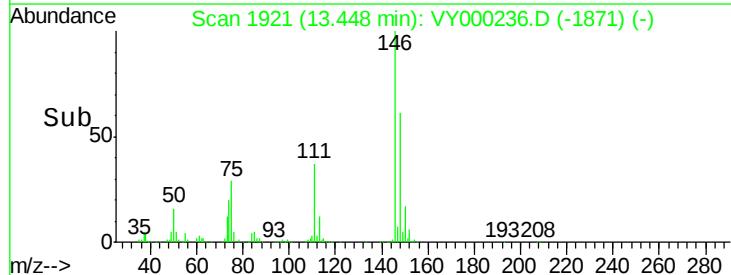
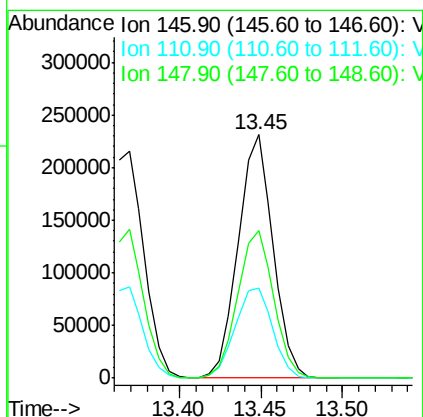
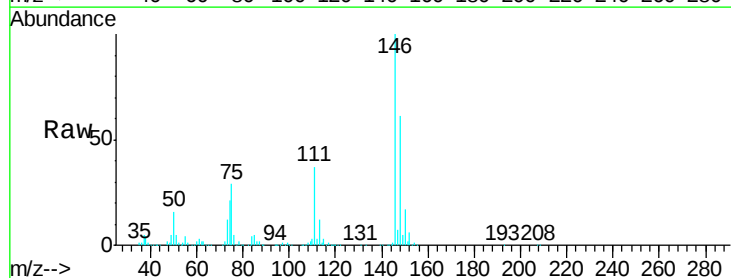
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

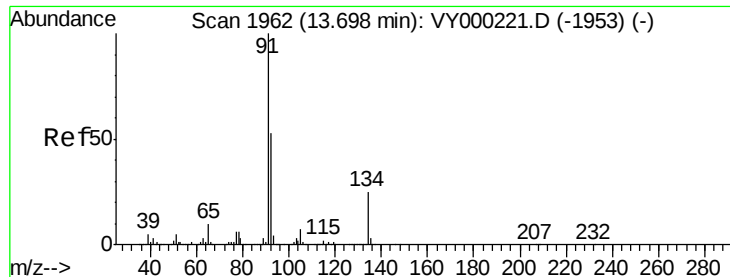
Tgt Ion:146 Resp: 341198
 Ion Ratio Lower Upper
 146 100
 111 40.2 20.3 60.8
 148 63.1 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 46.409 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. 0.01 min
 Lab File: VY000236.D
 Acq: 09 Oct 2019 11:36

Tgt Ion:146 Resp: 344464
 Ion Ratio Lower Upper
 146 100
 111 39.8 19.8 59.3
 148 62.5 31.6 94.8





#89

n-Butylbenzene

Concen: 48.673 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. 0.00 min

Lab File: VY000236.D

Acq: 09 Oct 2019 11:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

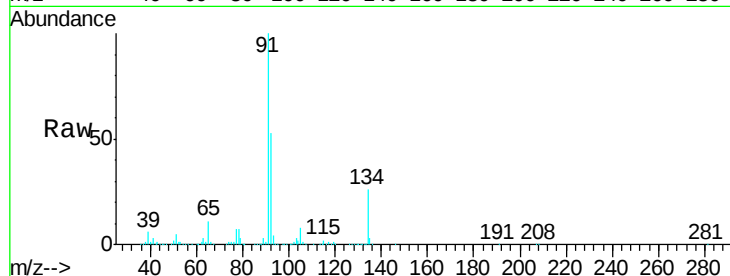
Tgt Ion: 91 Resp: 676076

Ion Ratio Lower Upper

91 100

92 53.6 27.0 80.8

134 26.2 12.8 38.4

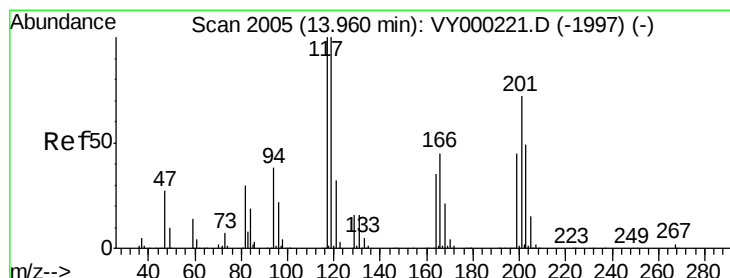
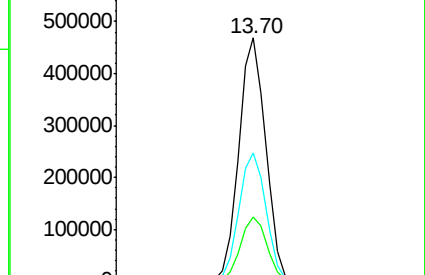
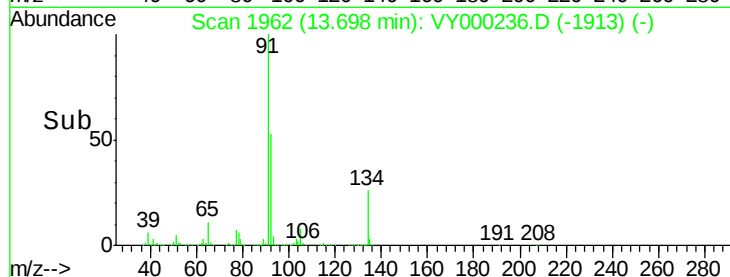


Abundance Ion 91.00 (90.70 to 91.70): VY000221.D (-1953) (-)

Ion 92.00 (91.70 to 92.70): VY000221.D (-1953) (-)

Ion 134.00 (133.70 to 134.70): VY000221.D (-1953) (-)

Time--> 13.60 13.70 13.80



#90

Hexachloroethane

Concen: 47.906 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. 0.00 min

Lab File: VY000236.D

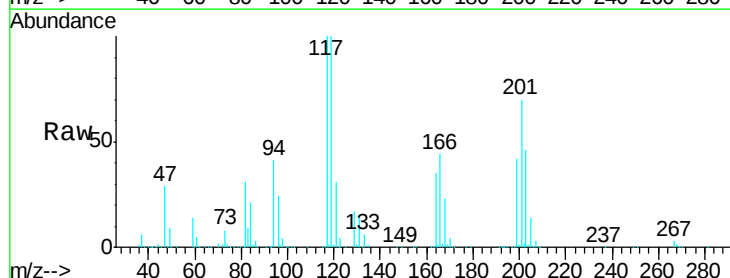
Acq: 09 Oct 2019 11:36

Tgt Ion: 117 Resp: 133558

Ion Ratio Lower Upper

117 100

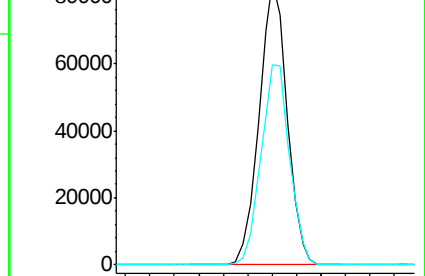
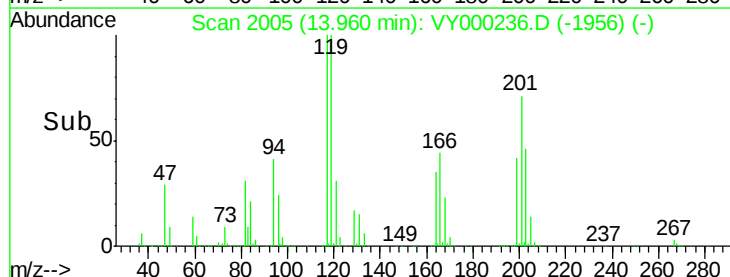
201 73.1 35.5 106.5

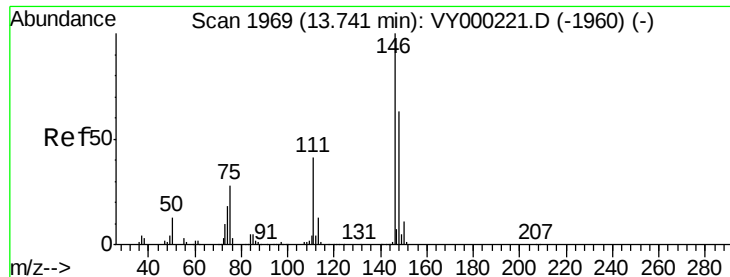


Abundance Ion 116.80 (116.50 to 117.50): VY000221.D (-1997) (-)

Ion 200.70 (200.40 to 201.40): VY000221.D (-1997) (-)

Time--> 13.90 14.00

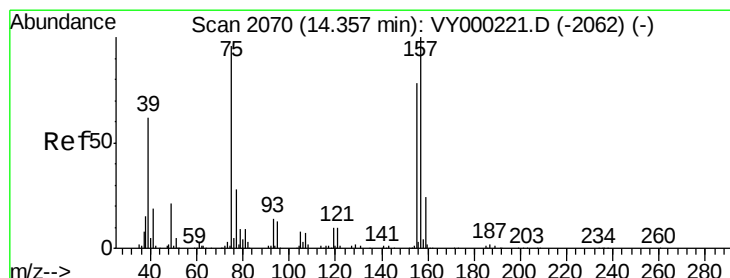
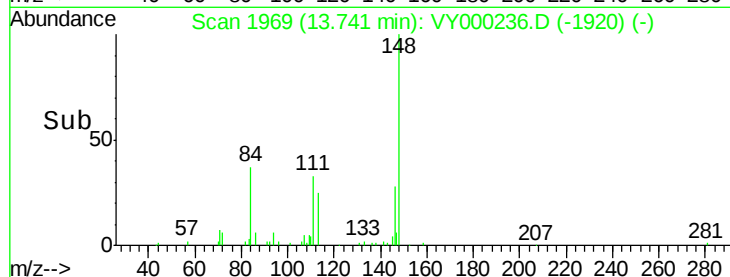
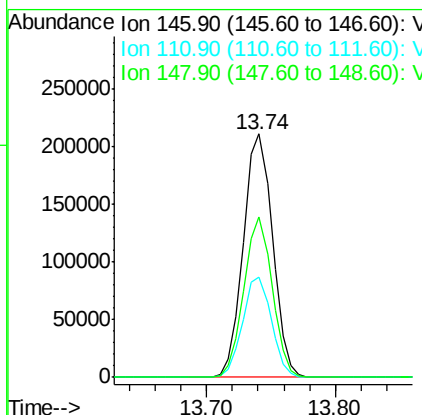
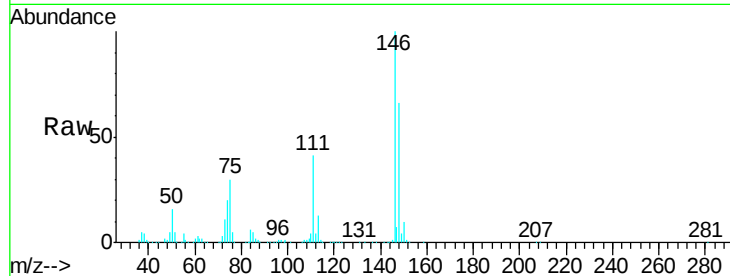




#91
 1,2-Dichlorobenzene
 Concen: 45.827 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.00 min
 Lab File: VY000236.D
 Acq: 09 Oct 2019 11:36

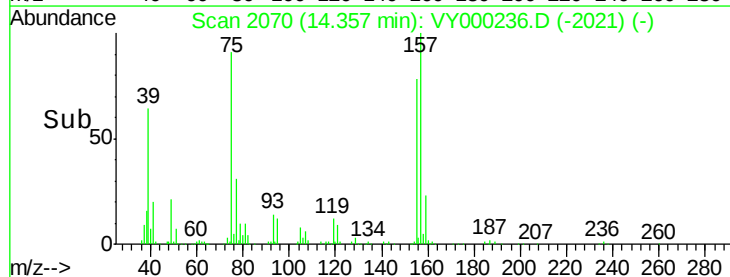
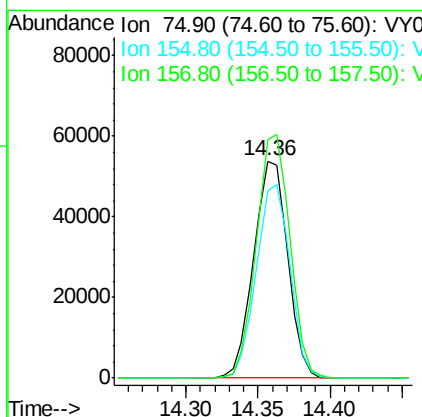
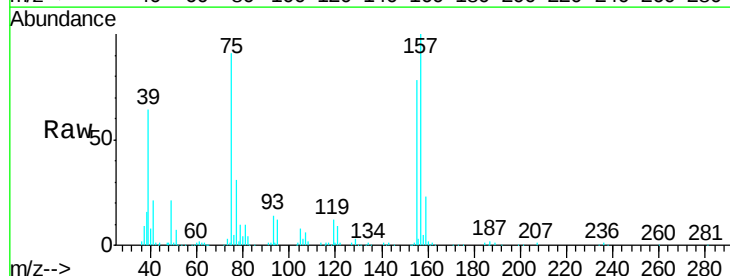
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

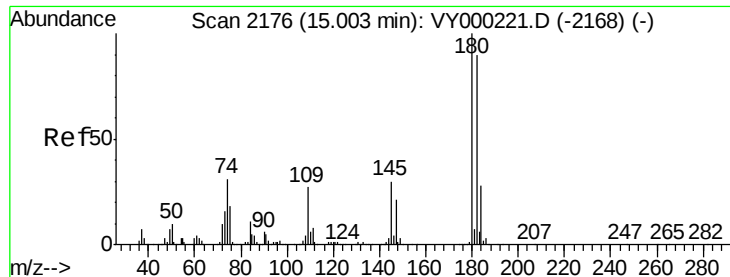
Tgt Ion: 146 Resp: 330515
 Ion Ratio Lower Upper
 146 100
 111 40.5 20.9 62.8
 148 63.6 31.6 95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.417 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY000236.D
 Acq: 09 Oct 2019 11:36

Tgt Ion: 75 Resp: 87727
 Ion Ratio Lower Upper
 75 100
 155 88.3 42.4 127.3
 157 111.1 53.8 161.5

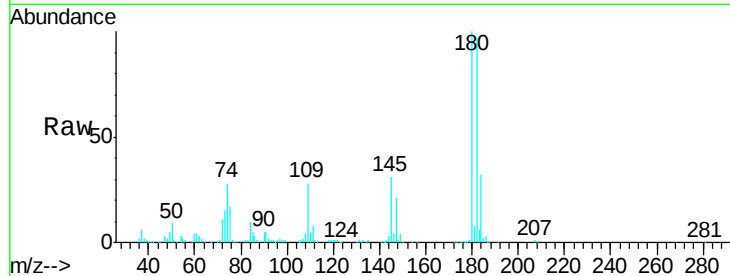




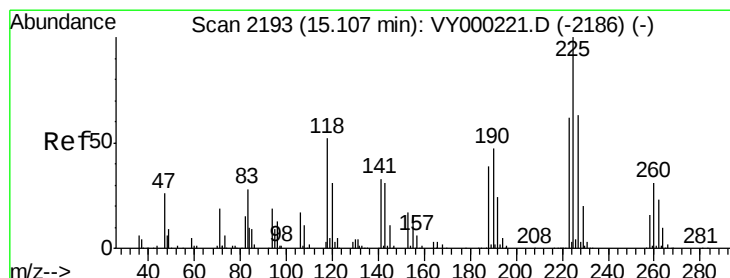
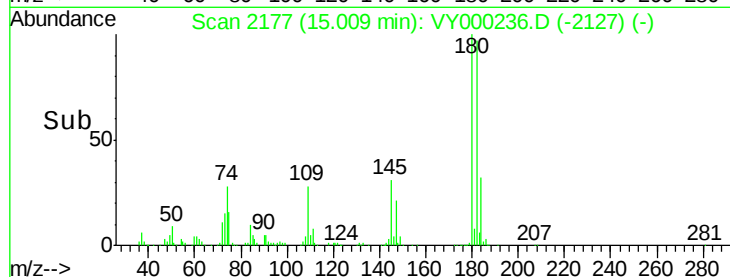
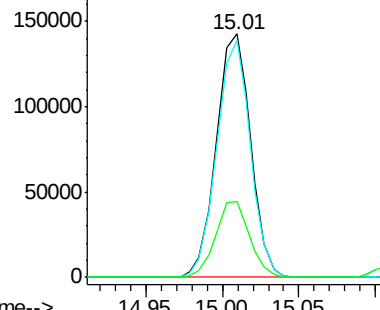
#93
 1,2,4-Trichlorobenzene
 Concen: 45.464 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.01 min
 Lab File: VY000236.D
 Acq: 09 Oct 2019 11:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.2	141.6
145	31.0	15.3	45.8

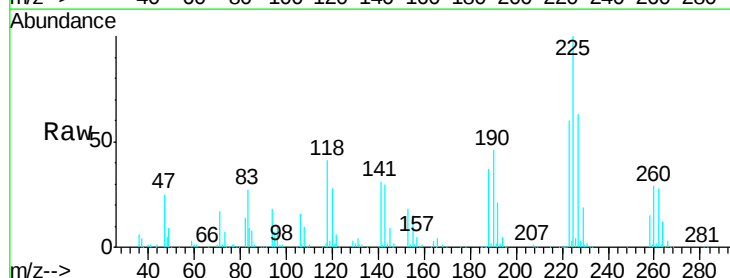


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

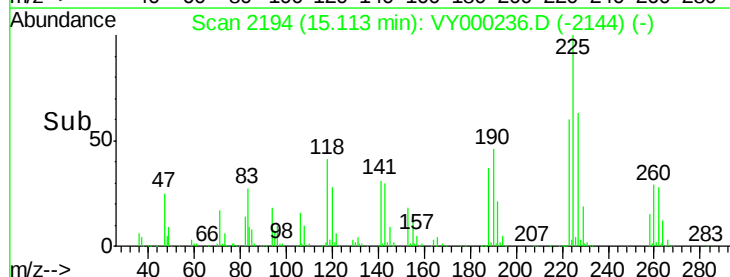
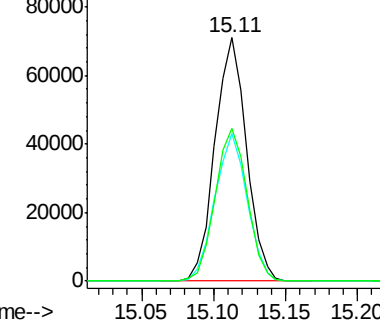


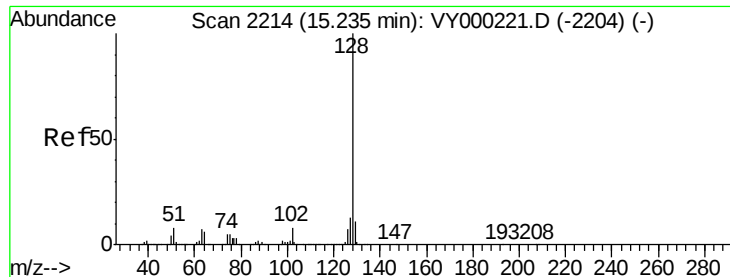
#94
 Hexachlorobutadiene
 Concen: 46.090 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.01 min
 Lab File: VY000236.D
 Acq: 09 Oct 2019 11:36

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.9	31.9	95.5
227	63.3	31.5	94.5



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 46.488 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. 0.00 min

Lab File: VY000236.D

Acq: 09 Oct 2019 11:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

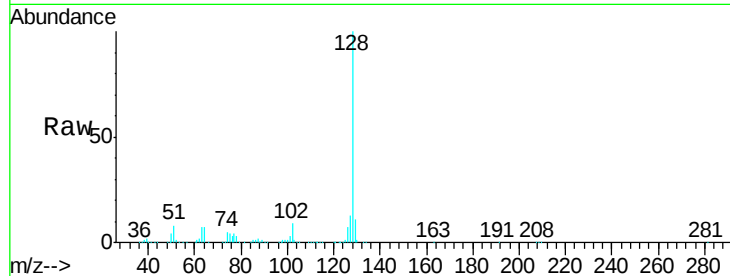
Tgt Ion:128 Resp: 856394

Ion Ratio Lower Upper

128 100

127 12.4 10.2 15.2

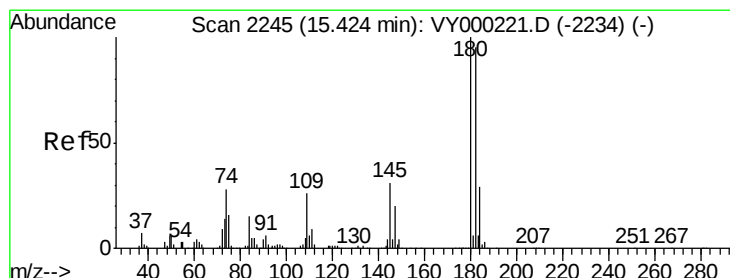
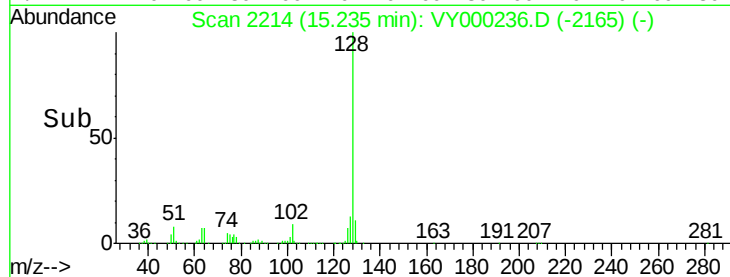
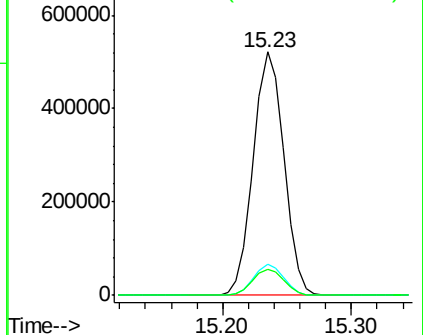
129 10.8 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 47.084 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VY000236.D

Acq: 09 Oct 2019 11:36

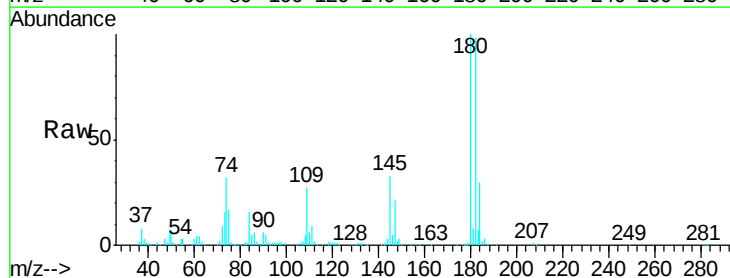
Tgt Ion:180 Resp: 221782

Ion Ratio Lower Upper

180 100

182 94.7 47.9 143.7

145 32.4 16.3 48.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

