

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY032720\
 Data File : VY002094.D
 Acq On : 27 Mar 2020 10:37
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 30 03:20:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 07:11:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	163838	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	297009	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	268573	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	123424	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	90027	49.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.42%	
35) Dibromofluoromethane	7.74	113	83333	50.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.14%	
50) Toluene-d8	10.19	98	342292	49.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.02%	
62) 4-Bromofluorobenzene	12.49	95	120469	49.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.64%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.91	85	49028	45.962	ug/l 99
3) Chloromethane	2.12	50	81536	42.585	ug/l 99
4) Vinyl Chloride	2.26	62	88304	45.347	ug/l 100
5) Bromomethane	2.66	94	59597	46.897	ug/l 99
6) Chloroethane	2.80	64	59129	47.289	ug/l 97
7) Trichlorofluoromethane	3.14	101	125864	47.167	ug/l 98
8) Diethyl Ether	3.55	74	52802	46.718	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	3.92	101	80801	46.152	ug/l 99
10) Methyl Iodide	4.11	142	98501	47.315	ug/l 100
11) Tert butyl alcohol	4.97	59	51298	240.342	ug/l 98
12) 1,1-Dichloroethene	3.89	96	83788	47.131	ug/l 96
13) Acrolein	3.74	56	78423	293.979	ug/l 100
14) Allyl chloride	4.50	41	155569	47.801	ug/l 98
15) Acrylonitrile	5.19	53	144668	244.206	ug/l 99
16) Acetone	3.97	43	129098	253.705	ug/l 99
17) Carbon Disulfide	4.21	76	274512	46.529	ug/l 99
18) Methyl Acetate	4.50	43	64355	48.704	ug/l 100
19) Methyl tert-butyl Ether	5.24	73	240629	48.520	ug/l 99
20) Methylene Chloride	4.74	84	98307	46.282	ug/l 98
21) trans-1,2-Dichloroethene	5.24	96	96081	47.467	ug/l 96
22) Diisopropyl ether	6.14	45	325786	48.915	ug/l 97
23) Vinyl Acetate	6.08	43	1087045	248.899	ug/l 99
24) 1,1-Dichloroethane	6.04	63	168718	47.644	ug/l 98
25) 2-Butanone	7.00	43	197254	252.455	ug/l 98
26) 2,2-Dichloropropane	7.00	77	141958	48.674	ug/l 99
27) cis-1,2-Dichloroethene	7.00	96	106886	47.999	ug/l 98
28) Bromochloromethane	7.35	49	82329	50.924	ug/l 99
29) Tetrahydrofuran	7.36	42	128289	250.429	ug/l 99
30) Chloroform	7.52	83	162843	48.514	ug/l 99
31) Cyclohexane	7.80	56	171683	45.498	ug/l 98
32) 1,1,1-Trichloroethane	7.72	97	135164	48.229	ug/l 99
36) 1,1-Dichloropropene	7.93	75	135166	48.114	ug/l 100
37) Ethyl Acetate	7.09	43	85149	50.156	ug/l 99
38) Carbon Tetrachloride	7.92	117	117238	49.188	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	180128	48.882	ug/l	99
40) Benzene	8.18	78	401422	48.239	ug/l	100
41) Methacrylonitrile	7.36	41	111412	129.741	ug/l #	100
42) 1,2-Dichloroethane	8.25	62	107844	48.814	ug/l	99
43) Isopropyl Acetate	8.28	43	158947	50.445	ug/l	99
44) Trichloroethene	8.95	130	98228	48.969	ug/l	94
45) 1,2-Dichloropropane	9.23	63	103829	49.003	ug/l	100
46) Dibromomethane	9.32	93	54253	49.858	ug/l	99
47) Bromodichloromethane	9.51	83	125161	49.409	ug/l	97
48) Methyl methacrylate	9.30	41	71410	50.573	ug/l	99
49) 1,4-Dioxane	9.30	88	14819	992.434	ug/l	91
51) 4-Methyl-2-Pentanone	10.08	43	419240	258.395	ug/l	100
52) Toluene	10.25	92	246286	48.934	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	142050	50.523	ug/l	100
54) cis-1,3-Dichloropropene	9.94	75	164937	49.825	ug/l	100
55) 1,1,2-Trichloroethane	10.66	97	78647	48.834	ug/l	98
56) Ethyl methacrylate	10.52	69	121514	51.658	ug/l	98
57) 1,3-Dichloropropane	10.80	76	140773	49.473	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	322089	266.479	ug/l	99
59) 2-Hexanone	10.84	43	293266	256.598	ug/l	99
60) Dibromochloromethane	10.99	129	86947	51.593	ug/l	99
61) 1,2-Dibromoethane	11.10	107	74698	49.554	ug/l	99
64) Tetrachloroethene	10.73	164	81266	49.456	ug/l	94
65) Chlorobenzene	11.52	112	255102	49.207	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	87007	50.165	ug/l	99
67) Ethyl Benzene	11.60	91	473535	49.180	ug/l	99
68) m/p-Xylenes	11.71	106	354300	99.520	ug/l	99
69) o-Xylene	12.03	106	167122	49.487	ug/l	99
70) Styrene	12.05	104	292763	50.029	ug/l	99
71) Bromoform	12.22	173	49103	51.690	ug/l #	100
73) Isopropylbenzene	12.34	105	452278	49.399	ug/l	100
74) N-amyl acetate	12.15	43	146149	50.612	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.59	83	100800	51.163	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	129797	94.014	ug/l #	100
77) Bromobenzene	12.62	156	96381	49.313	ug/l	99
78) n-propylbenzene	12.68	91	557488	49.066	ug/l	99
79) 2-Chlorotoluene	12.77	91	309716	49.647	ug/l	100
80) 1,3,5-Trimethylbenzene	12.82	105	375609	49.725	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	37383	52.458	ug/l	100
82) 4-Chlorotoluene	12.86	91	324206	49.318	ug/l	100
83) tert-Butylbenzene	13.08	119	312789	49.608	ug/l	98
84) 1,2,4-Trimethylbenzene	13.13	105	373516	49.560	ug/l	99
85) sec-Butylbenzene	13.26	105	464440	49.731	ug/l	100
86) p-Isopropyltoluene	13.38	119	399478	49.811	ug/l	100
87) 1,3-Dichlorobenzene	13.38	146	187868	49.135	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	190787	49.587	ug/l	100
89) n-Butylbenzene	13.70	91	414613	49.618	ug/l	100
90) Hexachloroethane	13.97	117	75661	50.067	ug/l	98
91) 1,2-Dichlorobenzene	13.75	146	175011	49.565	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	15559	49.301	ug/l	98

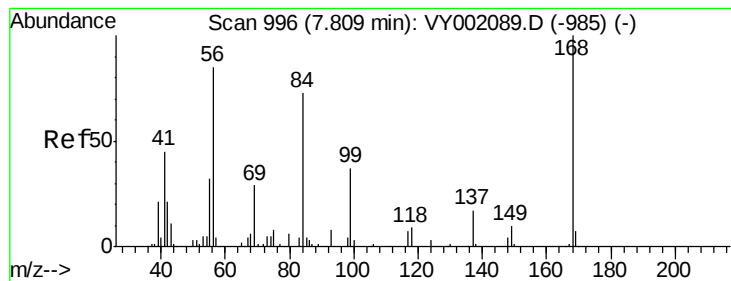
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	112150	49.278	ug/l	98
94) Hexachlorobutadiene	15.12	225	54452	48.471	ug/l	98
95) Naphthalene	15.25	128	265748	49.162	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	100341	48.619	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.00 min

Lab File: VY002094.D

Acq: 27 Mar 2020 10:37

Instrument :

MSVOA_Y

ClientSampleId :

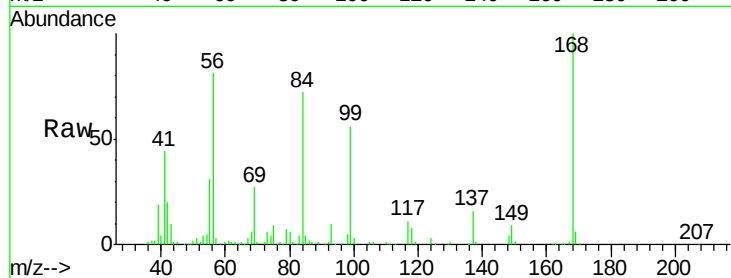
VSTDCCC050

Tgt Ion:168 Resp: 163838

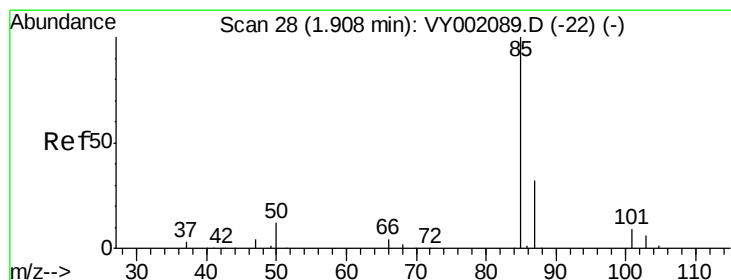
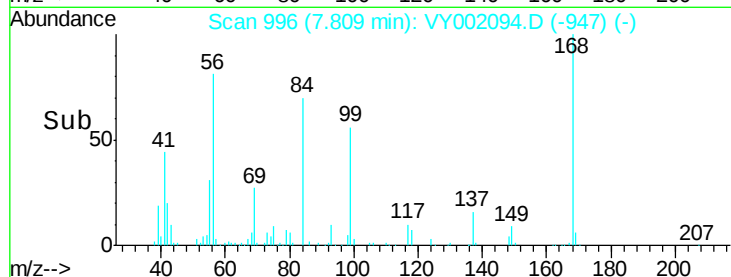
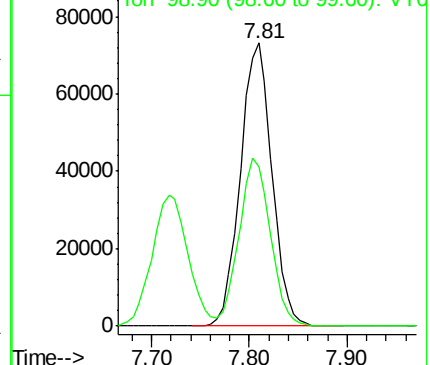
Ion Ratio Lower Upper

168 100

99 56.1 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002089.D (-985) (-)



#2

Dichlorodifluoromethane

Concen: 45.962 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.01 min

Lab File: VY002094.D

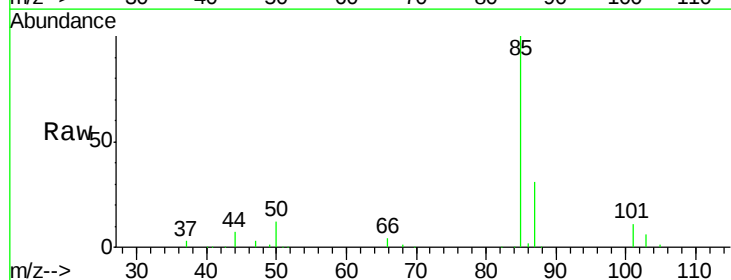
Acq: 27 Mar 2020 10:37

Tgt Ion: 85 Resp: 49028

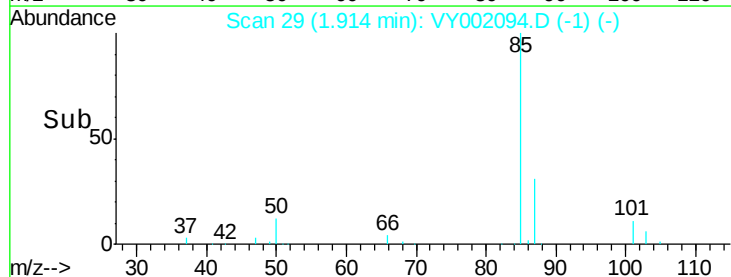
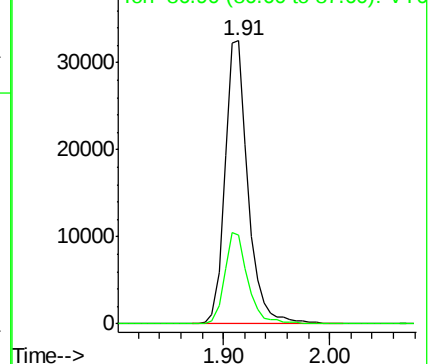
Ion Ratio Lower Upper

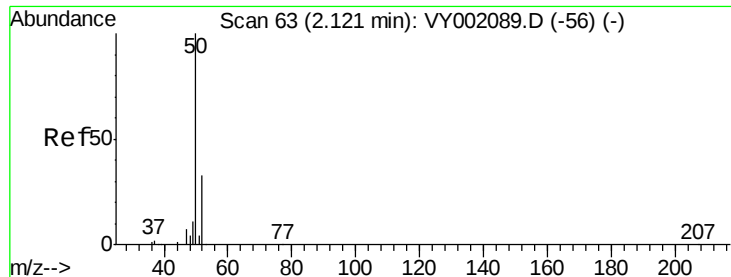
85 100

87 31.4 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VY002089.D (-22) (-)





#3

Chloromethane

Concen: 42.585 ug/l

RT: 2.12 min Scan# 63

Delta R.T. 0.00 min

Lab File: VY002094.D

Acq: 27 Mar 2020 10:37

Instrument :

MSVOA_Y

ClientSampleId :

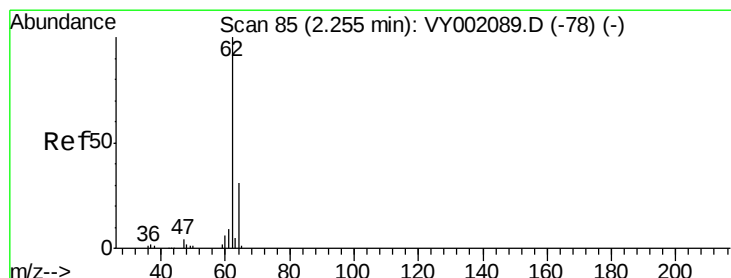
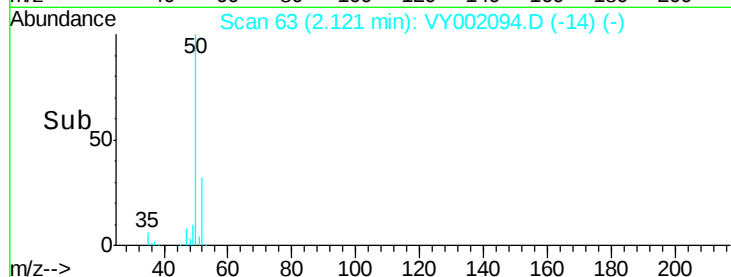
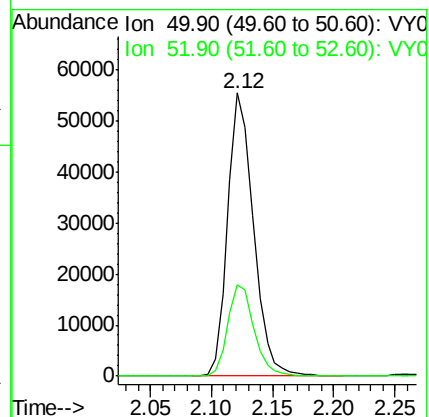
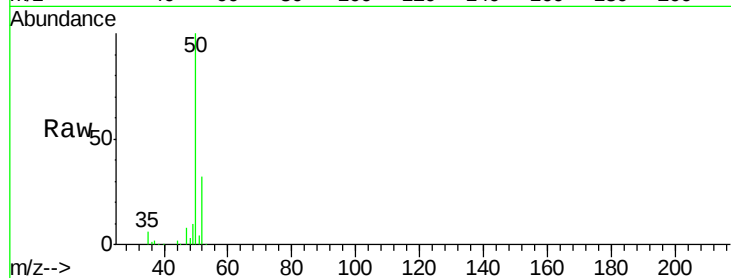
VSTDCCC050

Tgt Ion: 50 Resp: 81536

Ion Ratio Lower Upper

50 100

52 32.3 26.1 39.1



#4

Vinyl Chloride

Concen: 45.347 ug/l

RT: 2.26 min Scan# 86

Delta R.T. 0.01 min

Lab File: VY002094.D

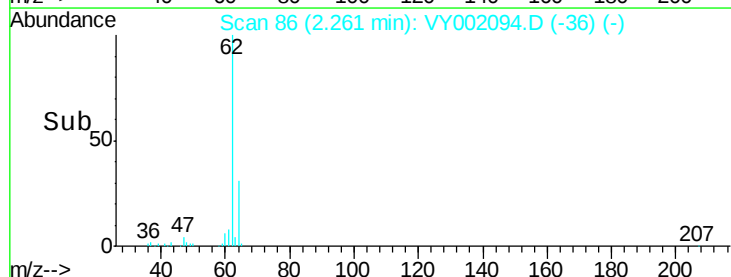
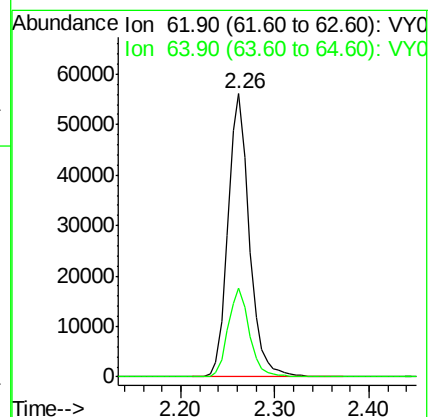
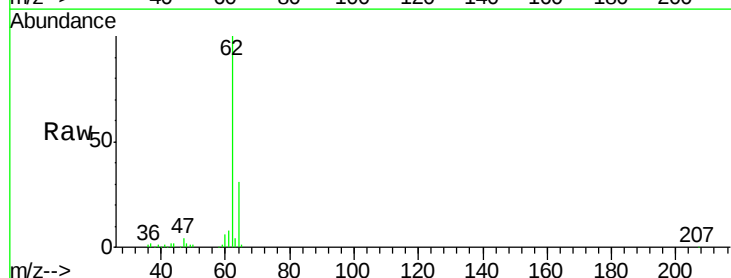
Acq: 27 Mar 2020 10:37

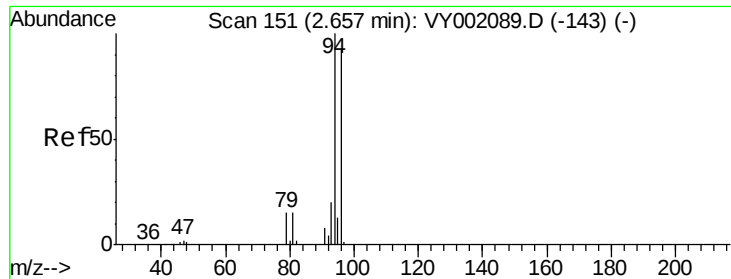
Tgt Ion: 62 Resp: 88304

Ion Ratio Lower Upper

62 100

64 31.2 25.2 37.8





#5

Bromomethane

Concen: 46.897 ug/l

RT: 2.66 min Scan# 151

Delta R.T. 0.00 min

Lab File: VY002094.D

Acq: 27 Mar 2020 10:37

Instrument :

MSVOA_Y

ClientSampleId :

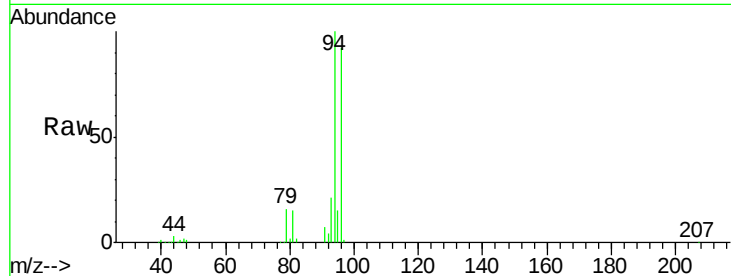
VSTDCCC050

Tgt Ion: 94 Resp: 59597

Ion Ratio Lower Upper

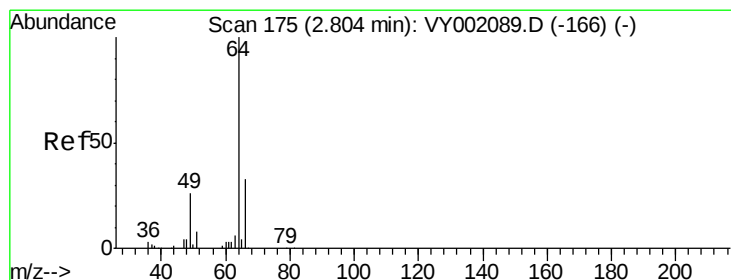
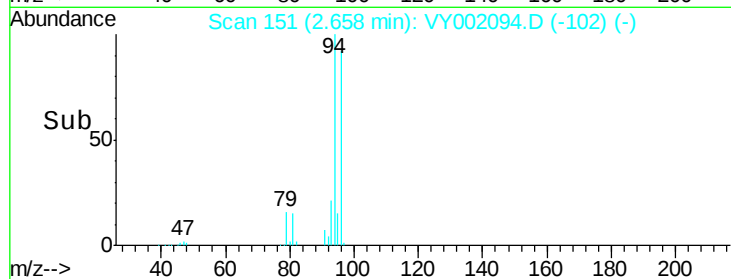
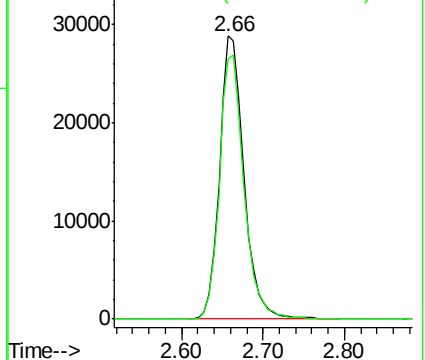
94 100

96 91.8 74.1 111.1



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 47.289 ug/l

RT: 2.80 min Scan# 175

Delta R.T. 0.00 min

Lab File: VY002094.D

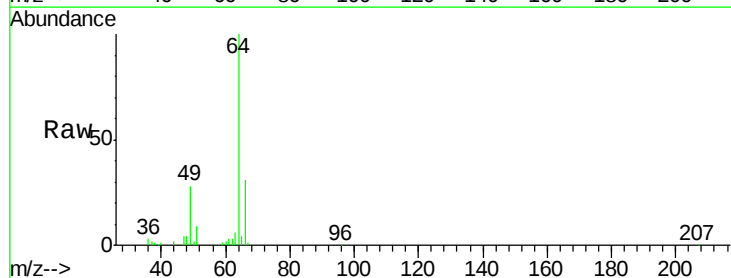
Acq: 27 Mar 2020 10:37

Tgt Ion: 64 Resp: 59129

Ion Ratio Lower Upper

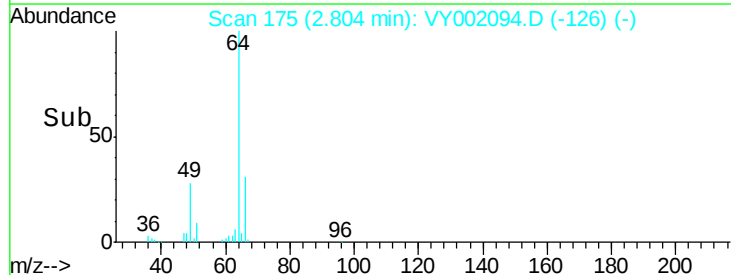
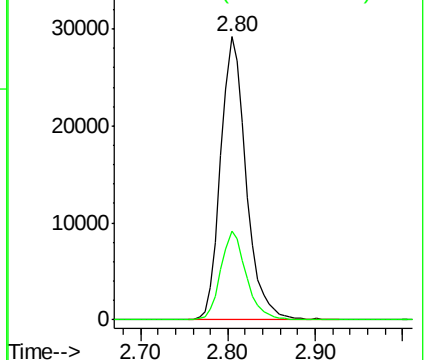
64 100

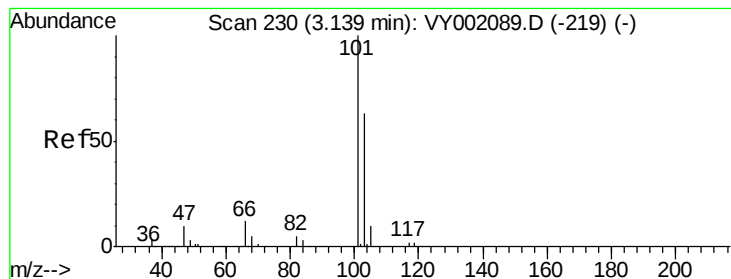
66 31.3 26.6 39.8



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



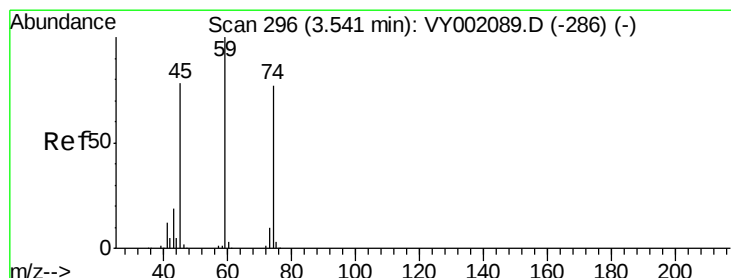
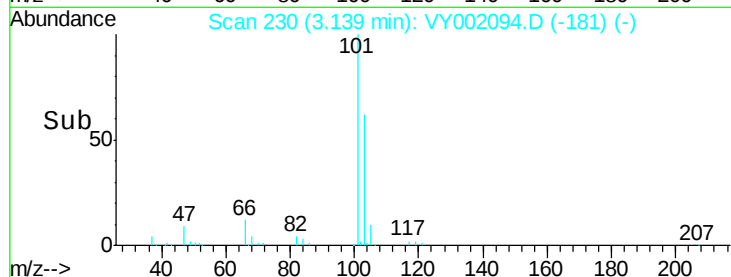
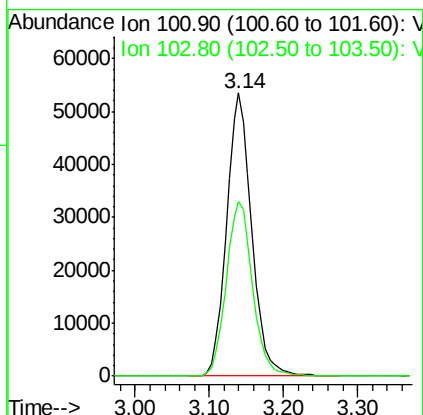
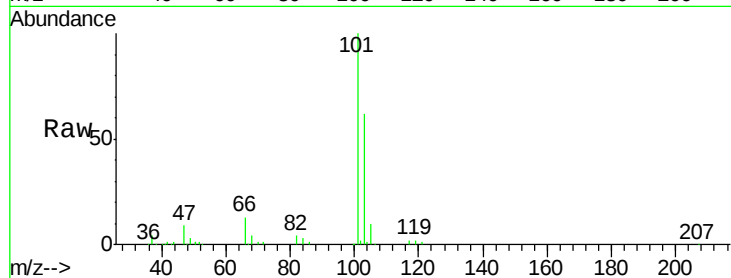


#7

Trichlorofluoromethane
 Concen: 47.167 ug/l
 RT: 3.14 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VY002094.D
 Acq: 27 Mar 2020 10:37

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 VSTDCCC050

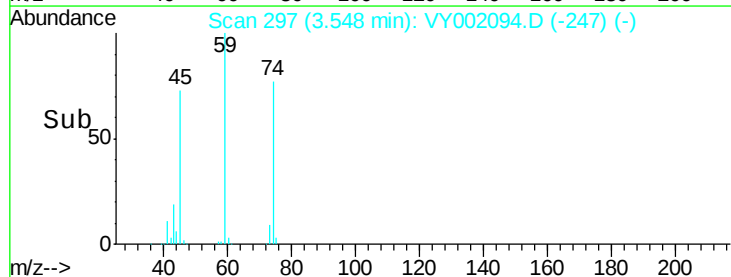
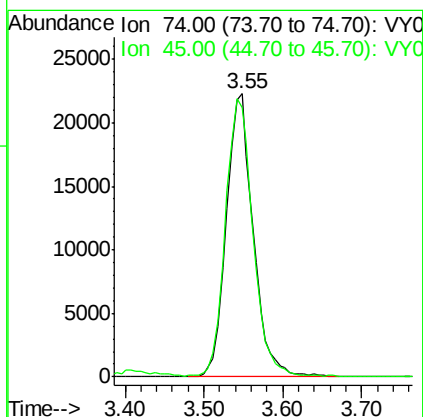
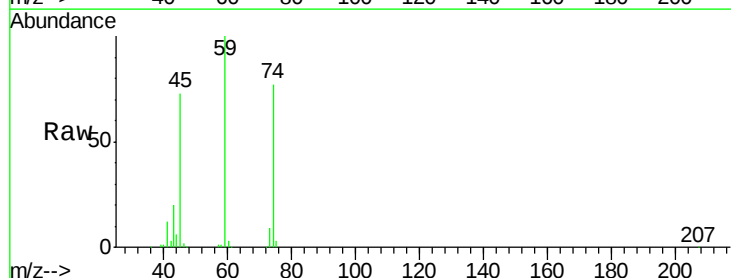
Tgt Ion:101 Resp: 125864
 Ion Ratio Lower Upper
 101 100
 103 61.6 50.6 76.0

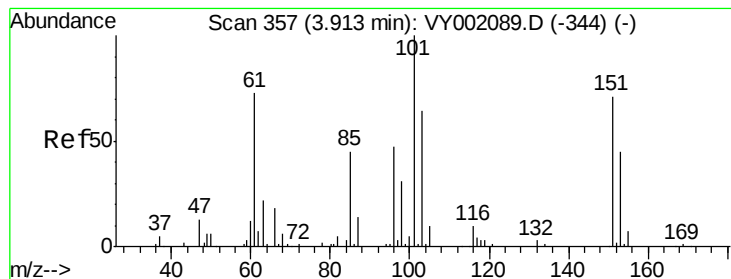


#8

Diethyl Ether
 Concen: 46.718 ug/l
 RT: 3.55 min Scan# 297
 Delta R.T. 0.01 min
 Lab File: VY002094.D
 Acq: 27 Mar 2020 10:37

Tgt Ion: 74 Resp: 52802
 Ion Ratio Lower Upper
 74 100
 45 101.2 51.0 153.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.152 ug/l

RT: 3.92 min Scan# 358

Delta R.T. 0.01 min

Lab File: VY002094.D

Acq: 27 Mar 2020 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

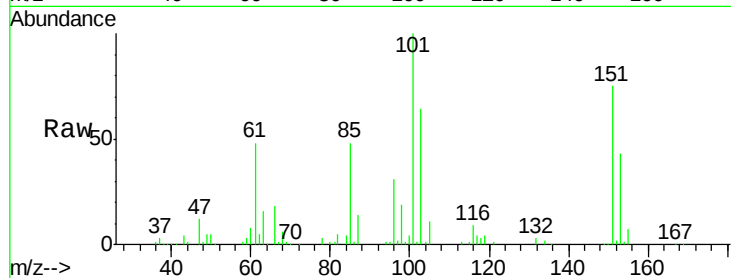
Tgt Ion:101 Resp: 80801

Ion Ratio Lower Upper

101 100

85 45.6 35.9 53.9

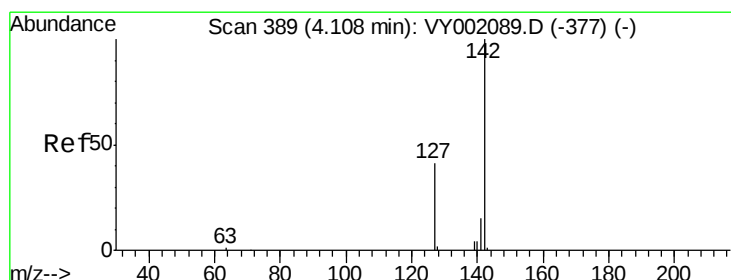
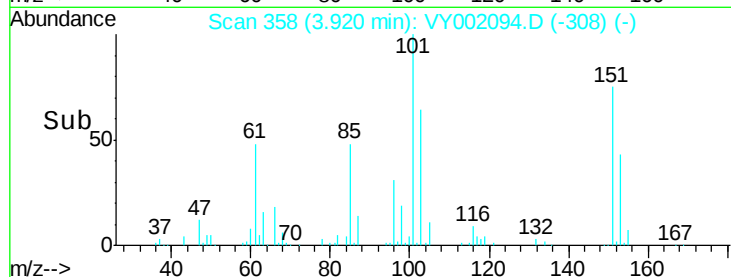
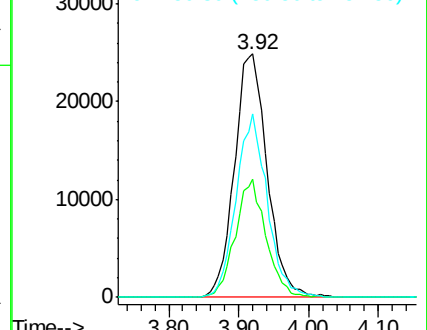
151 71.8 57.5 86.3



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: 47.315 ug/l

RT: 4.11 min Scan# 389

Delta R.T. 0.00 min

Lab File: VY002094.D

Acq: 27 Mar 2020 10:37

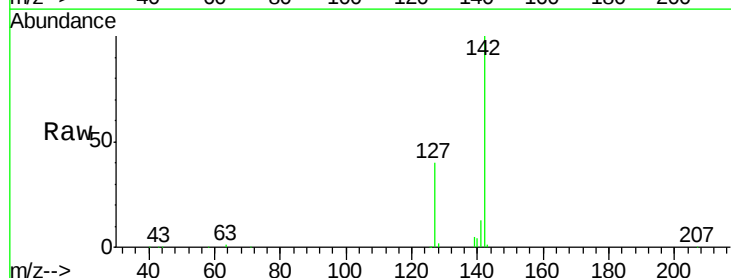
Tgt Ion:142 Resp: 98501

Ion Ratio Lower Upper

142 100

127 40.8 32.6 49.0

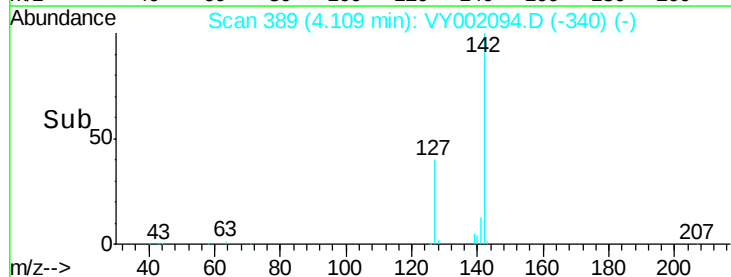
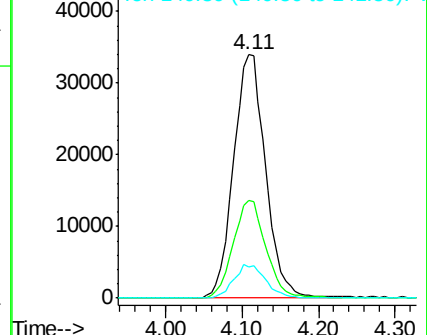
141 13.8 11.4 17.0

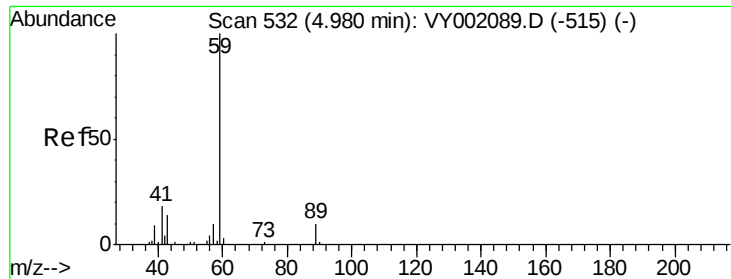


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

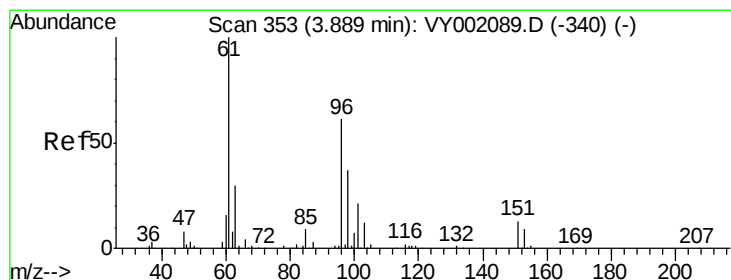
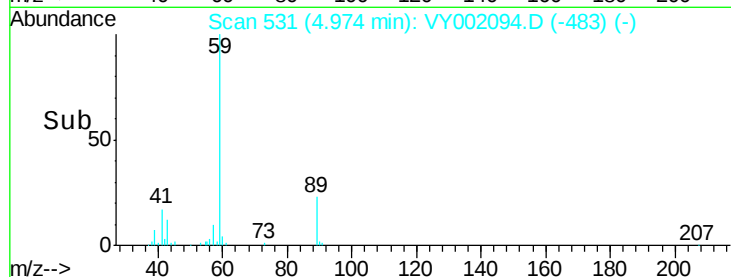
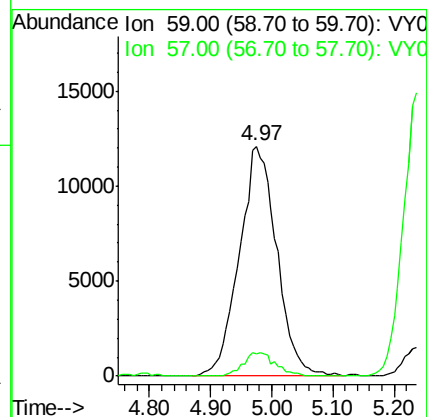
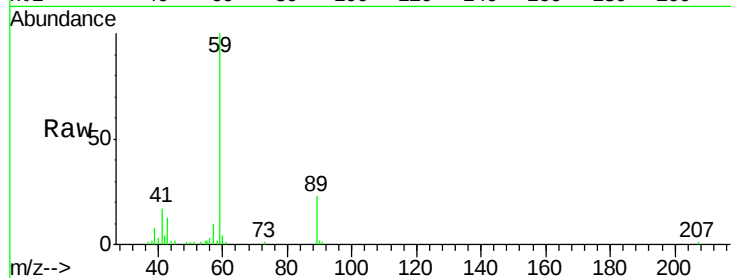




#11
Tert butyl alcohol
Concen: 240.342 ug/l
RT: 4.97 min Scan# 531
Delta R.T. -0.01 min
Lab File: VY002094.D
Acq: 27 Mar 2020 10:37

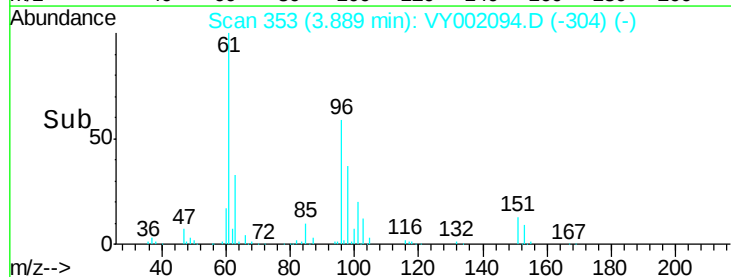
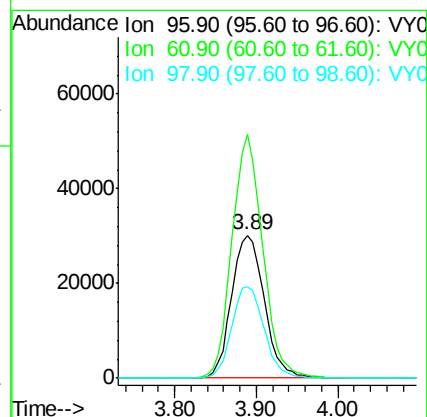
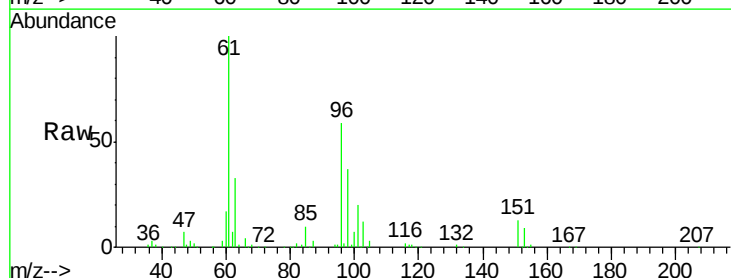
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

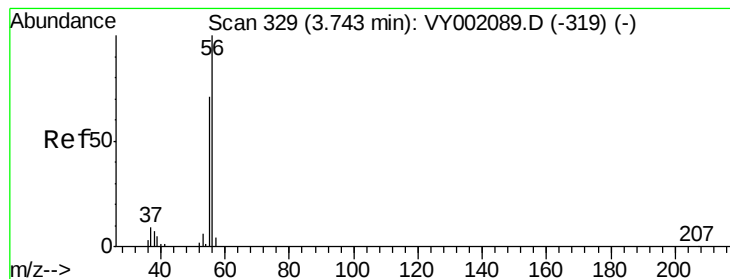
Tgt Ion: 59 Resp: 51298
Ion Ratio Lower Upper
59 100
57 8.9 7.7 11.5



#12
1,1-Dichloroethene
Concen: 47.131 ug/l
RT: 3.89 min Scan# 353
Delta R.T. 0.00 min
Lab File: VY002094.D
Acq: 27 Mar 2020 10:37

Tgt Ion: 96 Resp: 83788
Ion Ratio Lower Upper
96 100
61 170.7 132.0 198.0
98 63.8 49.4 74.0





#13

Acrolein

Concen: 293.979 ug/l

RT: 3.74 min Scan# 329

Delta R.T. 0.00 min

Lab File: VY002094.D

Acq: 27 Mar 2020 10:37

Instrument :

MSVOA_Y

ClientSampleId :

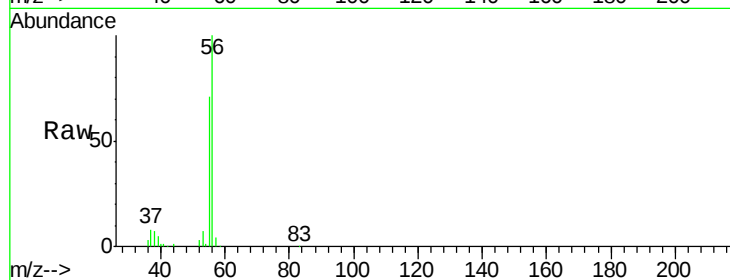
VSTDCCC050

Tgt Ion: 56 Resp: 78423

Ion Ratio Lower Upper

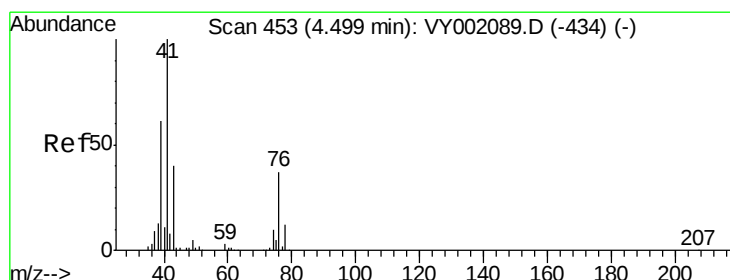
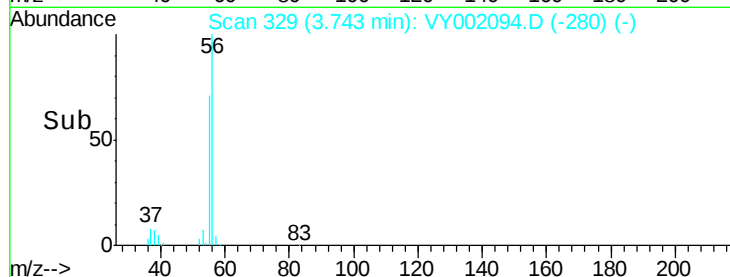
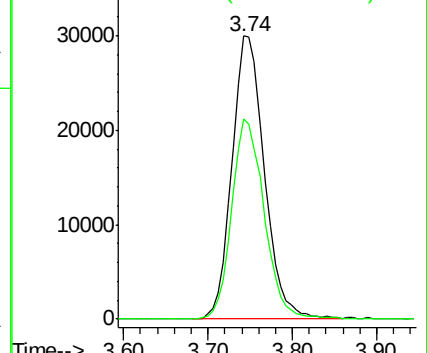
56 100

55 70.8 56.5 84.7



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 47.801 ug/l

RT: 4.50 min Scan# 453

Delta R.T. 0.00 min

Lab File: VY002094.D

Acq: 27 Mar 2020 10:37

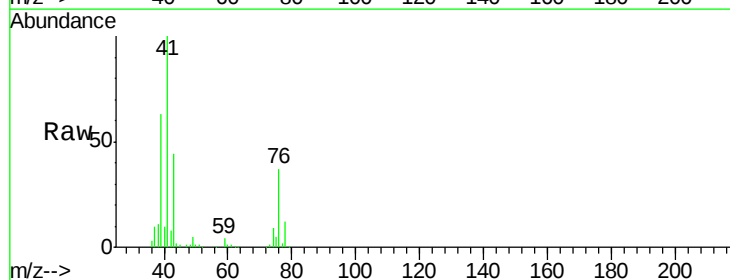
Tgt Ion: 41 Resp: 155569

Ion Ratio Lower Upper

41 100

39 63.0 49.0 73.4

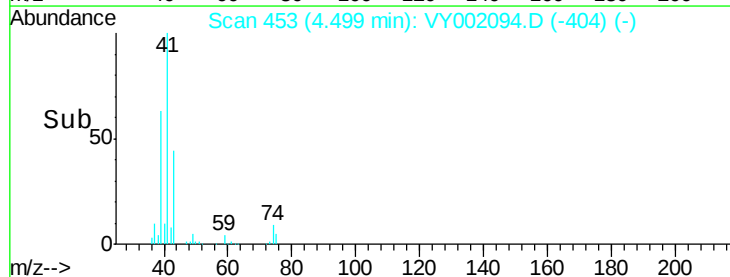
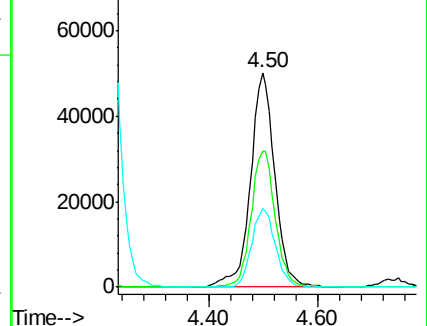
76 35.8 27.8 41.8

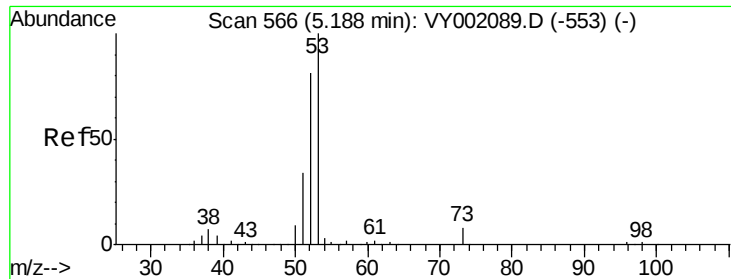


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 244.206 ug/l

RT: 5.19 min Scan# 566

Delta R.T. 0.00 min

Lab File: VY002094.D

Acq: 27 Mar 2020 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

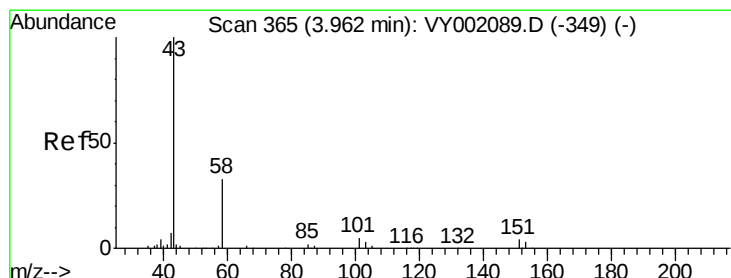
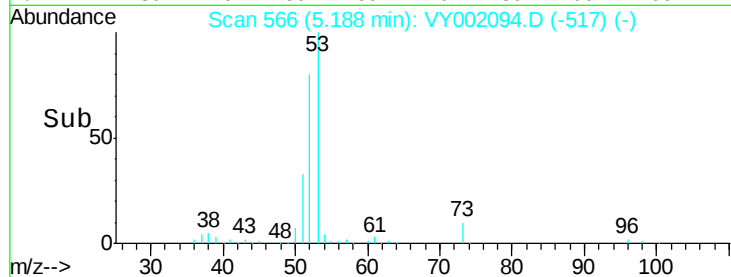
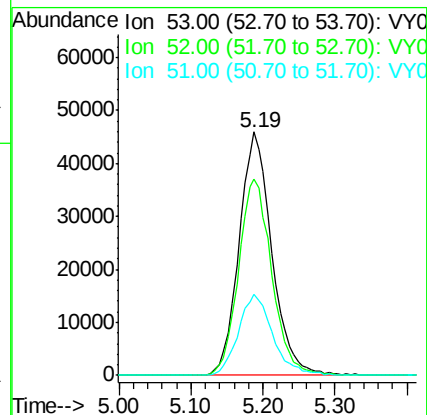
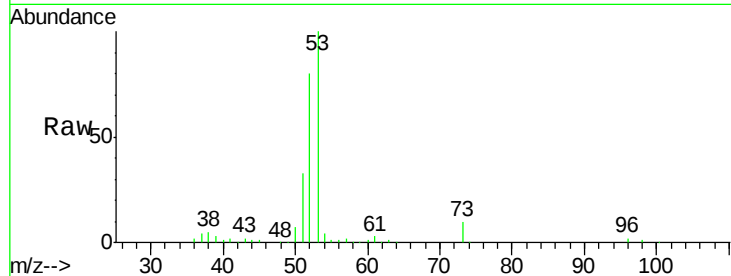
Tgt Ion: 53 Resp: 144668

Ion Ratio Lower Upper

53 100

52 82.0 64.6 97.0

51 35.1 27.9 41.9



#16

Acetone

Concen: 253.705 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.01 min

Lab File: VY002094.D

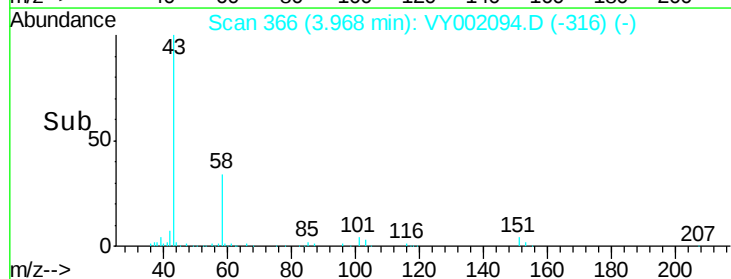
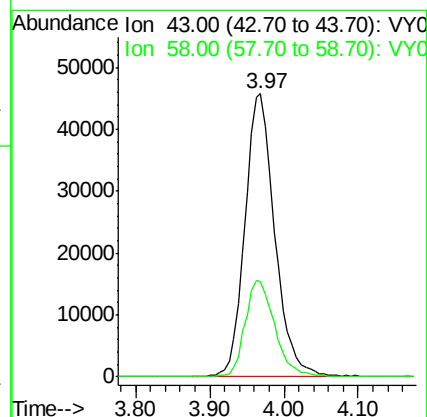
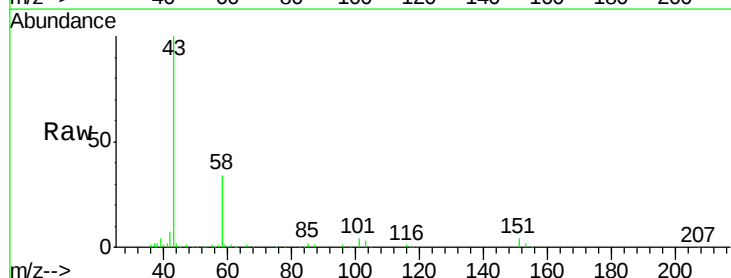
Acq: 27 Mar 2020 10:37

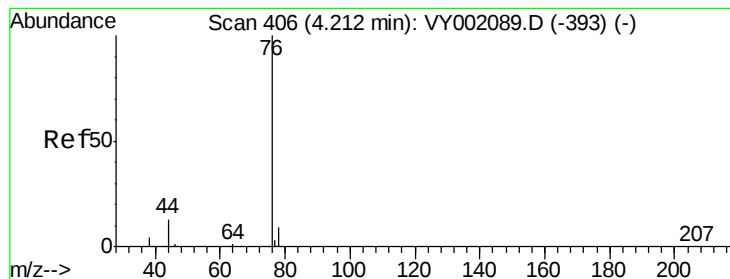
Tgt Ion: 43 Resp: 129098

Ion Ratio Lower Upper

43 100

58 33.5 26.3 39.5





#17

Carbon Disulfide

Concen: 46.529 ug/l

RT: 4.21 min Scan# 406

Delta R.T. 0.00 min

Lab File: VY002094.D

Acq: 27 Mar 2020 10:37

Instrument :

MSVOA_Y

ClientSampleId :

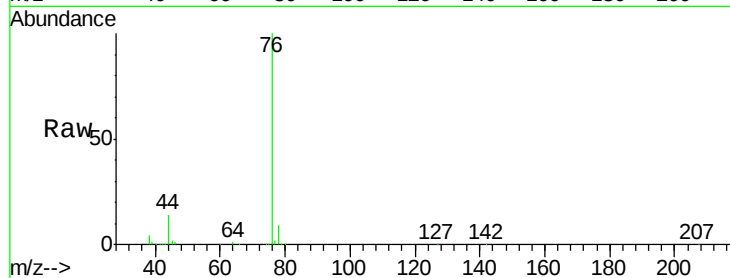
VSTDCCC050

Tgt Ion: 76 Resp: 274512

Ion Ratio Lower Upper

76 100

78 9.5 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VY002089.D (-393) (-)

Ion 77.90 (77.60 to 78.60): VY002089.D (-393) (-)

4.21

100000

80000

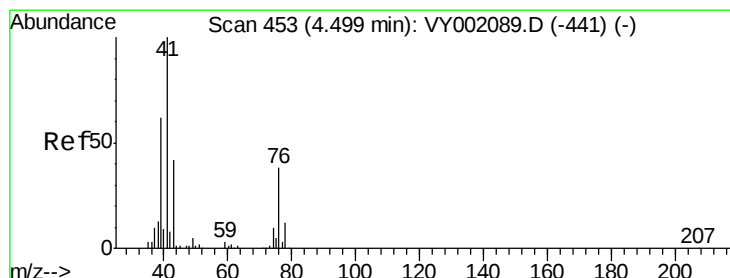
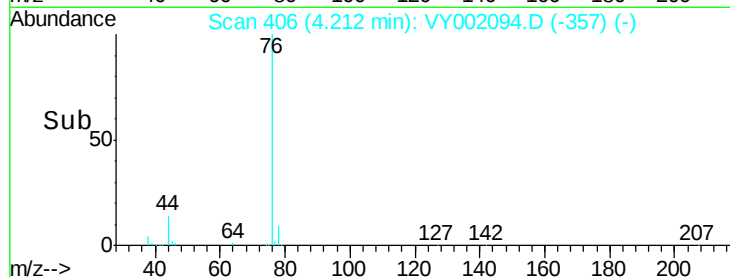
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 48.704 ug/l

RT: 4.50 min Scan# 453

Delta R.T. 0.00 min

Lab File: VY002094.D

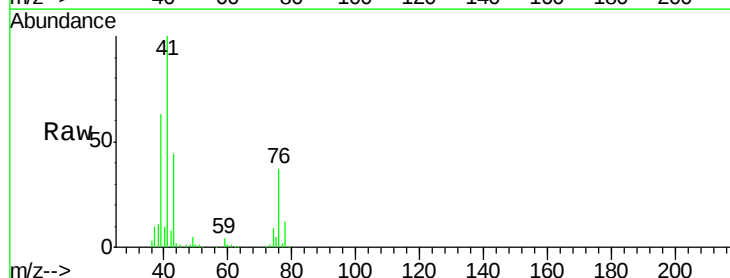
Acq: 27 Mar 2020 10:37

Tgt Ion: 43 Resp: 64355

Ion Ratio Lower Upper

43 100

74 23.0 18.3 27.5



Abundance Ion 43.00 (42.70 to 43.70): VY002089.D (-441) (-)

Ion 74.00 (73.70 to 74.70): VY002089.D (-441) (-)

4.50

25000

20000

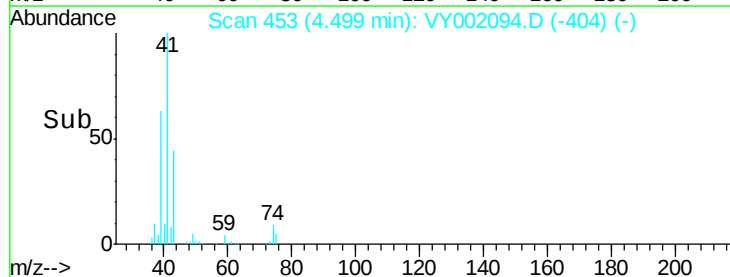
15000

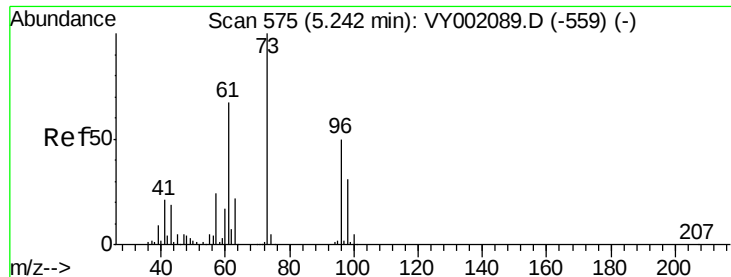
10000

5000

0

Time-->

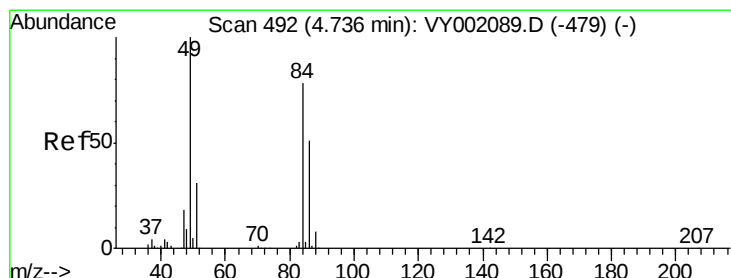
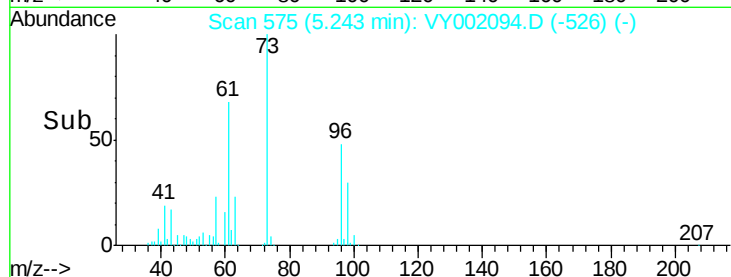
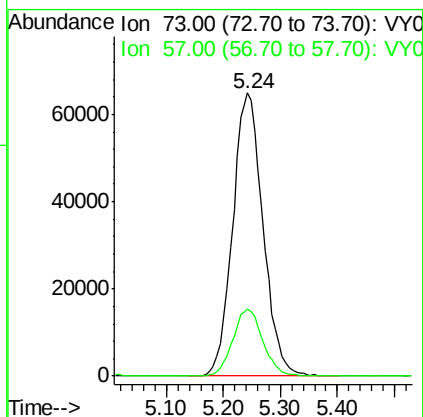
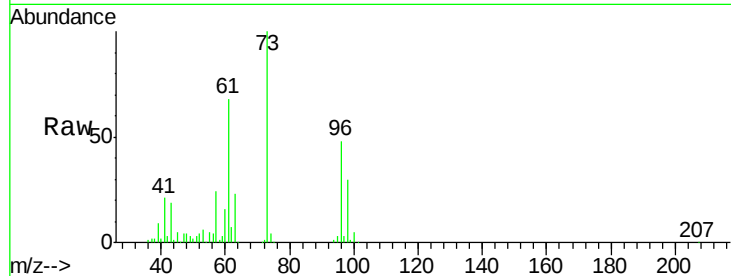




#19
Methyl tert-butyl Ether
Concen: 48.520 ug/l
RT: 5.24 min Scan# 575
Delta R.T. 0.00 min
Lab File: VY002094.D
Acq: 27 Mar 2020 10:37

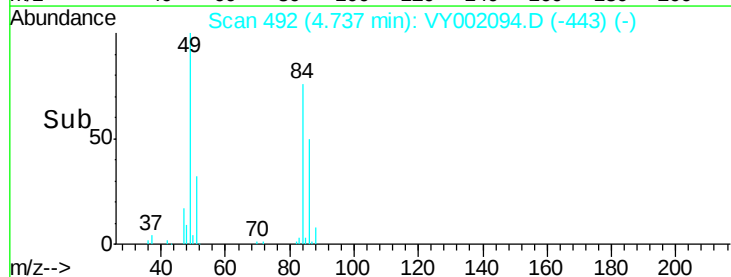
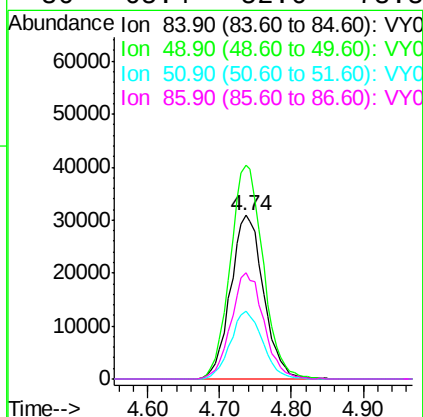
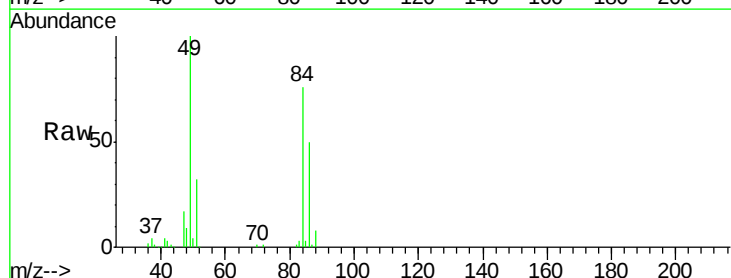
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

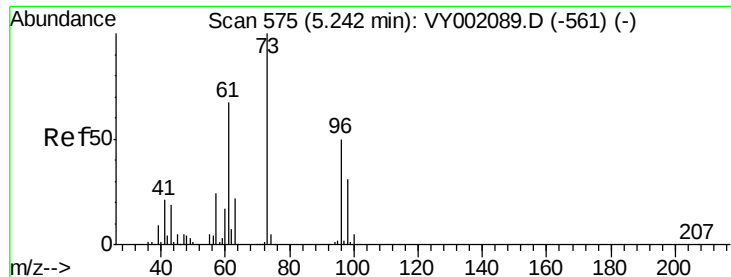
Tgt Ion: 73 Resp: 240629
Ion Ratio Lower Upper
73 100
57 23.5 19.0 28.6



#20
Methylene Chloride
Concen: 46.282 ug/l
RT: 4.74 min Scan# 492
Delta R.T. 0.00 min
Lab File: VY002094.D
Acq: 27 Mar 2020 10:37

Tgt Ion: 84 Resp: 98307
Ion Ratio Lower Upper
84 100
49 130.8 102.2 153.4
51 41.9 31.2 46.8
86 65.4 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 47.467 ug/l

RT: 5.24 min Scan# 575

Delta R.T. 0.00 min

Lab File: VY002094.D

Acq: 27 Mar 2020 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

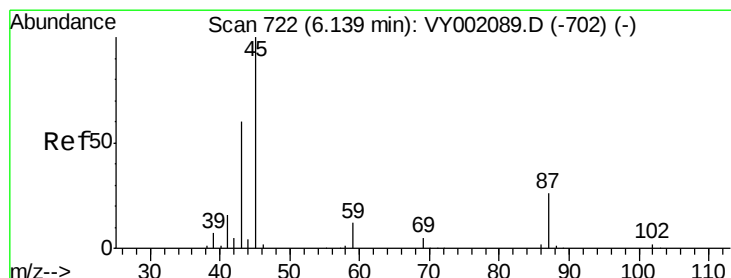
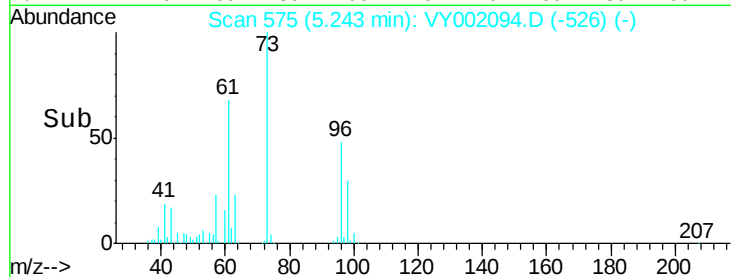
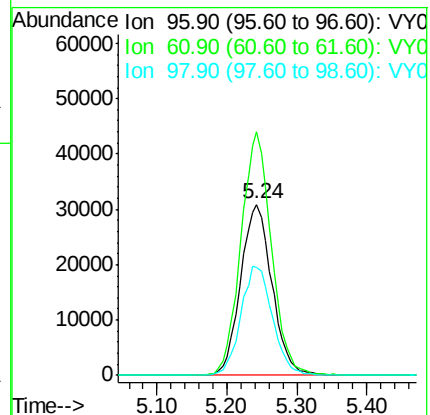
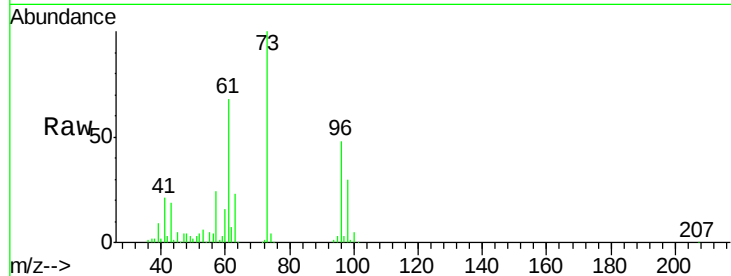
Tgt Ion: 96 Resp: 96081

Ion Ratio Lower Upper

96 100

61 142.4 107.7 161.5

98 63.1 50.5 75.7



#22

Diisopropyl ether

Concen: 48.915 ug/l

RT: 6.14 min Scan# 722

Delta R.T. 0.00 min

Lab File: VY002094.D

Acq: 27 Mar 2020 10:37

Tgt Ion: 45 Resp: 325786

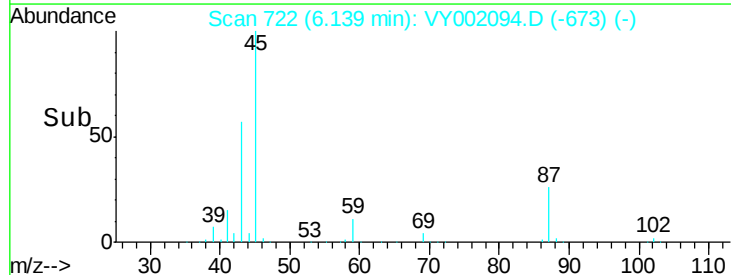
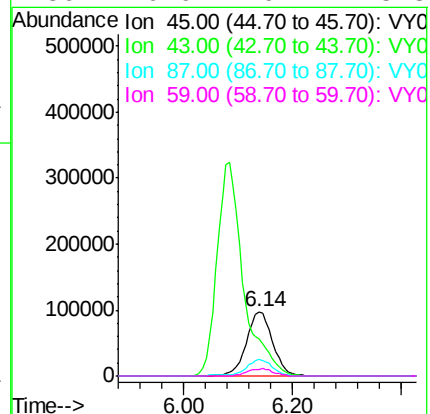
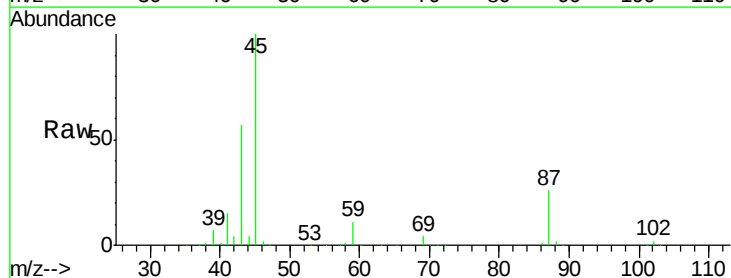
Ion Ratio Lower Upper

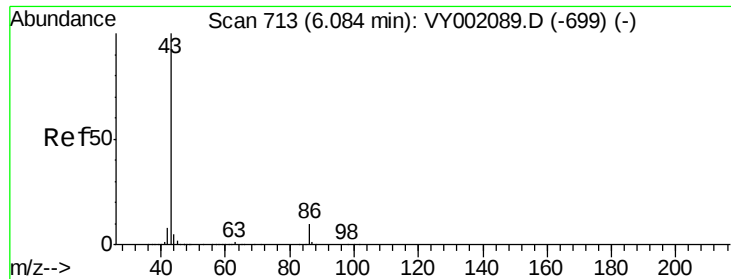
45 100

43 56.8 48.1 72.1

87 26.4 21.1 31.7

59 10.9 9.2 13.8





#23

Vinyl Acetate

Concen: 248.899 ug/l

RT: 6.08 min Scan# 713

Delta R.T. 0.00 min

Lab File: VY002094.D

Acq: 27 Mar 2020 10:37

Instrument :

MSVOA_Y

ClientSampleId :

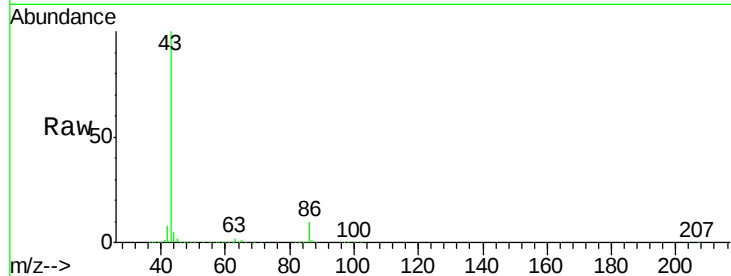
VSTDCCC050

Tgt Ion: 43 Resp: 1087045

Ion Ratio Lower Upper

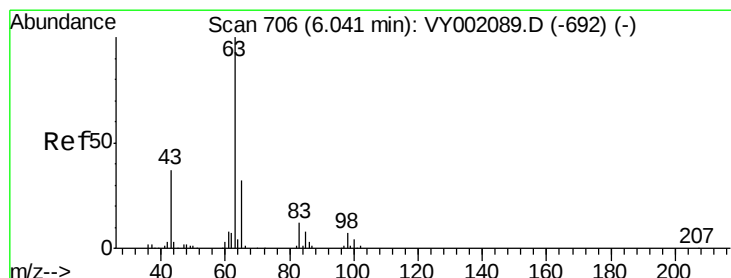
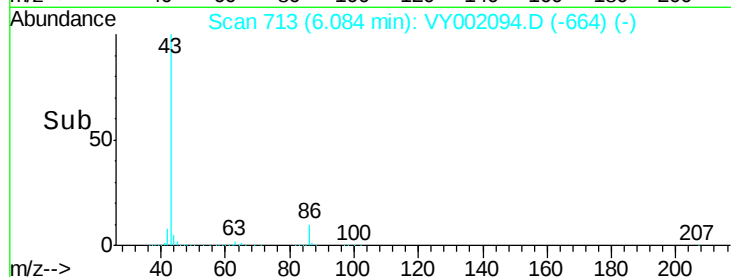
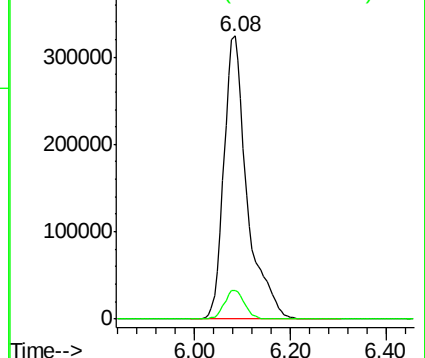
43 100

86 10.2 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 47.644 ug/l

RT: 6.04 min Scan# 706

Delta R.T. 0.00 min

Lab File: VY002094.D

Acq: 27 Mar 2020 10:37

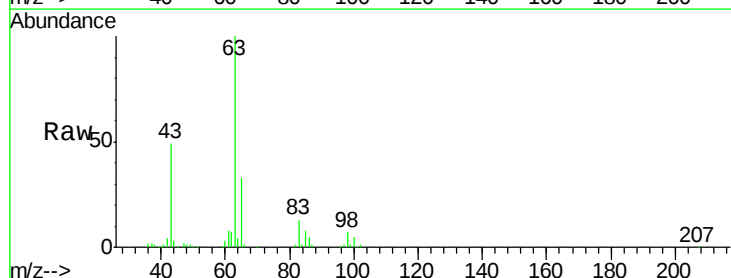
Tgt Ion: 63 Resp: 168718

Ion Ratio Lower Upper

63 100

98 6.9 3.3 9.9

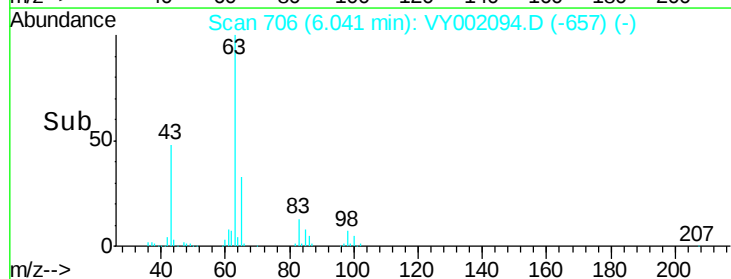
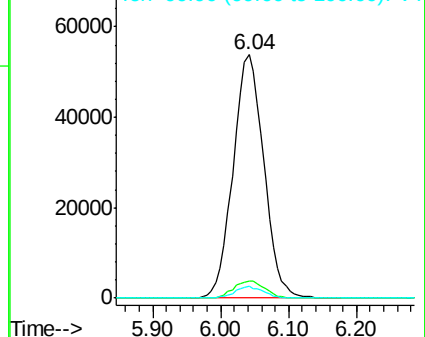
100 4.8 1.8 5.5

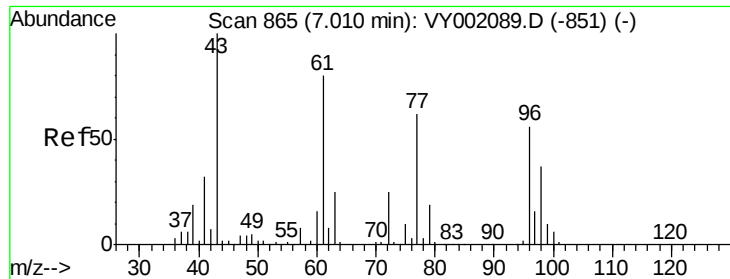


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 252.455 ug/l

RT: 7.00 min Scan# 864

Delta R.T. -0.01 min

Lab File: VY002094.D

Acq: 27 Mar 2020 10:37

Instrument :

MSVOA_Y

ClientSampleId :

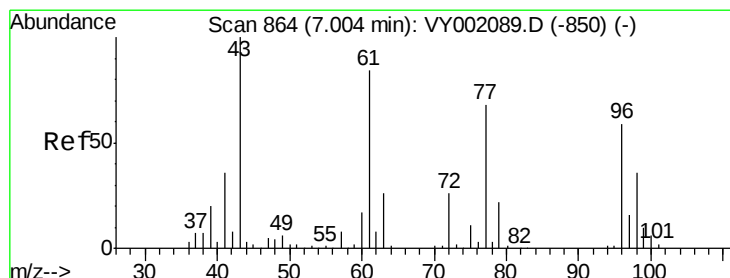
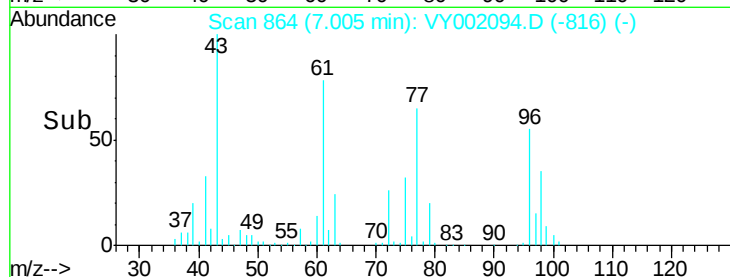
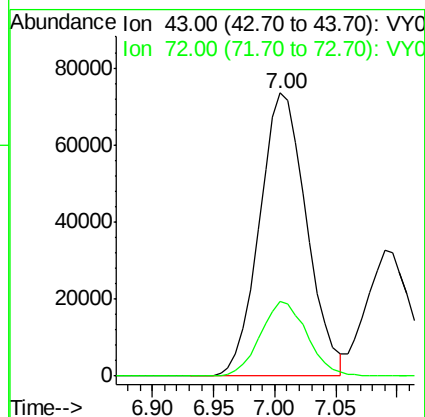
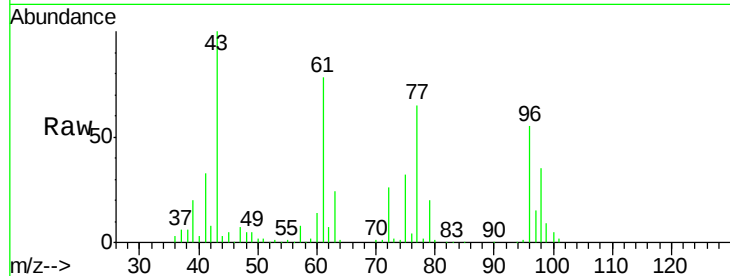
VSTDCCC050

Tgt Ion: 43 Resp: 197254

Ion Ratio Lower Upper

43 100

72 26.3 20.2 30.2



#26

2,2-Dichloropropane

Concen: 48.674 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.00 min

Lab File: VY002094.D

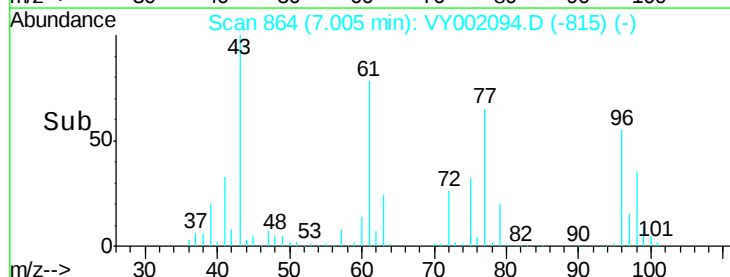
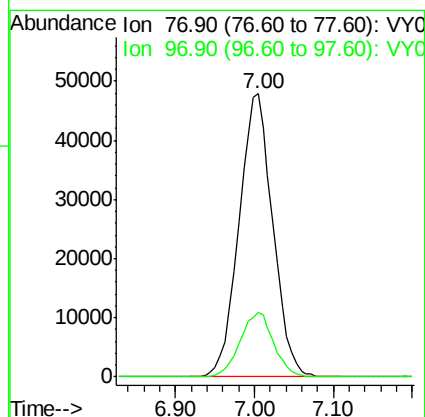
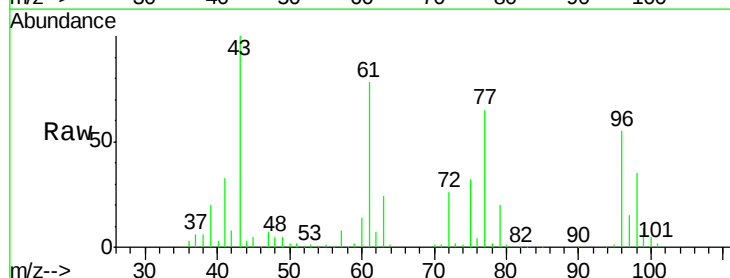
Acq: 27 Mar 2020 10:37

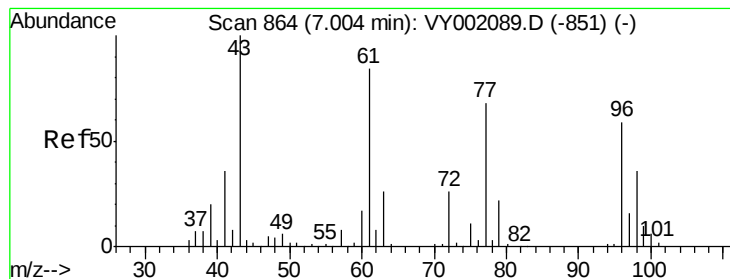
Tgt Ion: 77 Resp: 141958

Ion Ratio Lower Upper

77 100

97 22.8 11.7 35.1



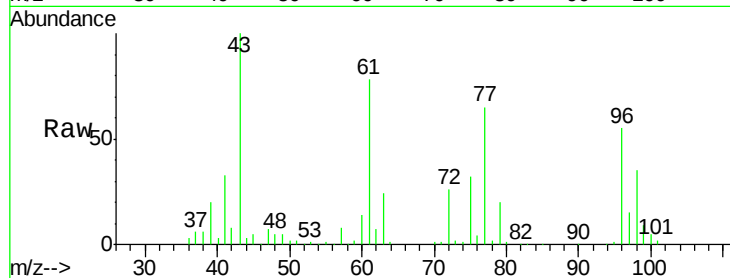


#27

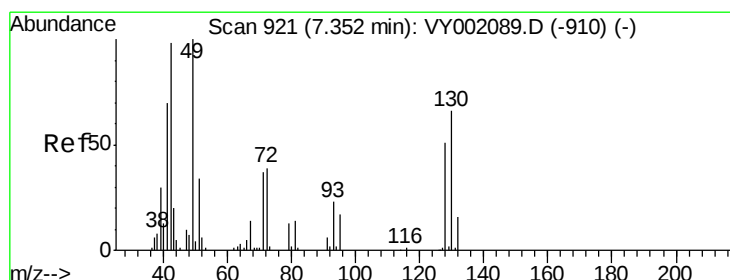
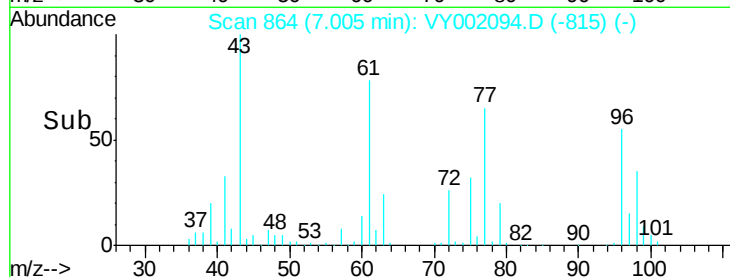
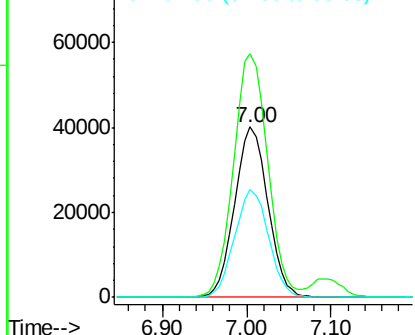
cis-1,2-Dichloroethene
Concen: 47.999 ug/l
RT: 7.00 min Scan# 864
Delta R.T. 0.00 min
Lab File: VY002094.D
Acq: 27 Mar 2020 10:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 106886
Ion Ratio Lower Upper
96 100
61 147.8 0.0 290.6
98 64.7 0.0 128.0



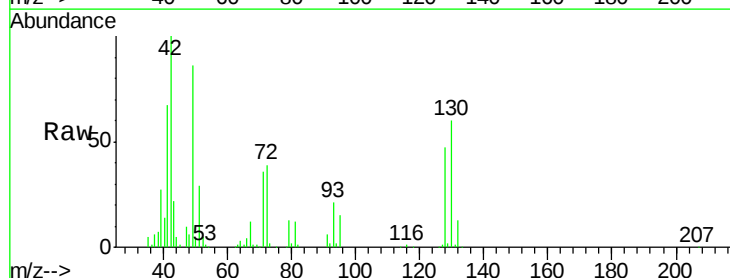
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



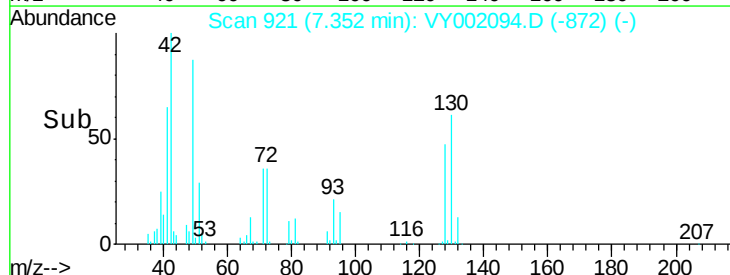
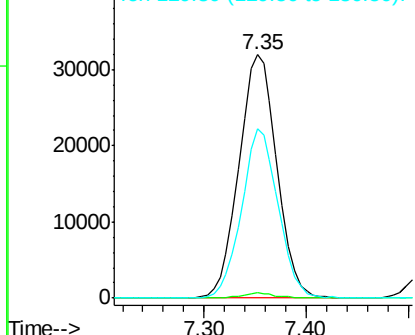
#28

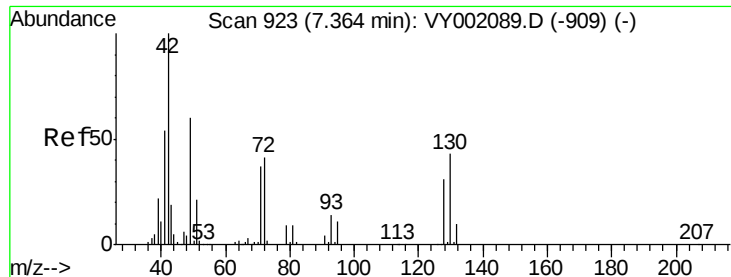
Bromochloromethane
Concen: 50.924 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.00 min
Lab File: VY002094.D
Acq: 27 Mar 2020 10:37

Tgt Ion: 49 Resp: 82329
Ion Ratio Lower Upper
49 100
129 1.8 0.0 3.4
130 67.1 54.1 81.1



Abundance Ion 48.90 (48.60 to 49.60): VY0
Ion 128.80 (128.50 to 129.50): VY0
Ion 129.80 (129.50 to 130.50): VY0

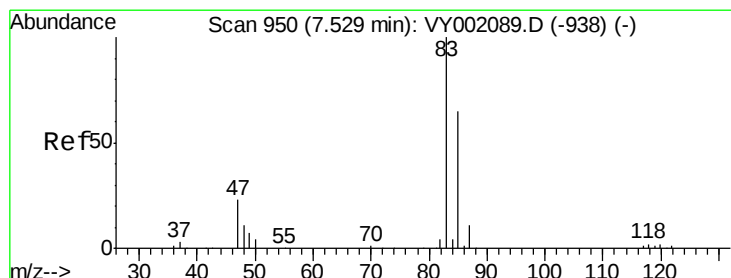
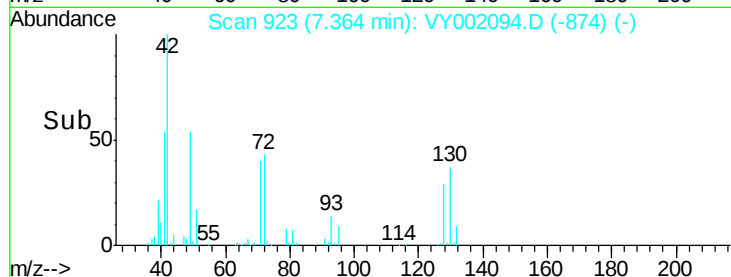
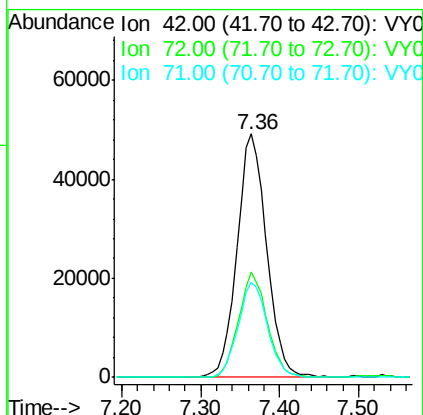
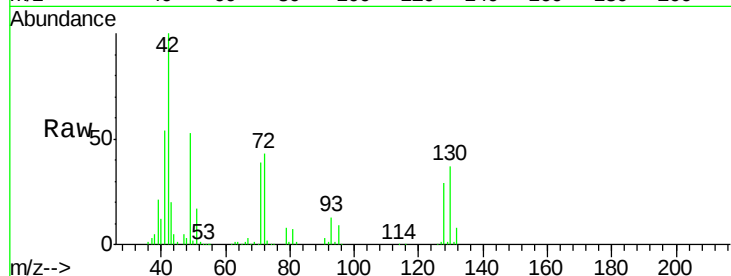




#29
Tetrahydrofuran
Concen: 250.429 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.00 min
Lab File: VY002094.D
Acq: 27 Mar 2020 10:37

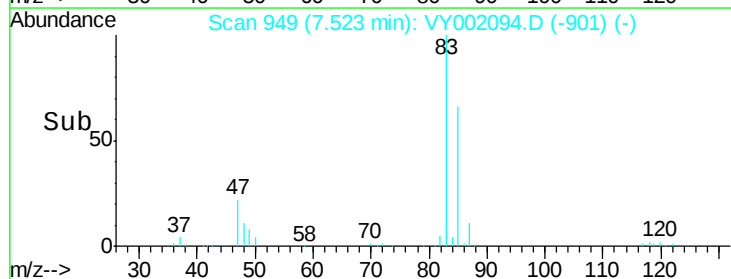
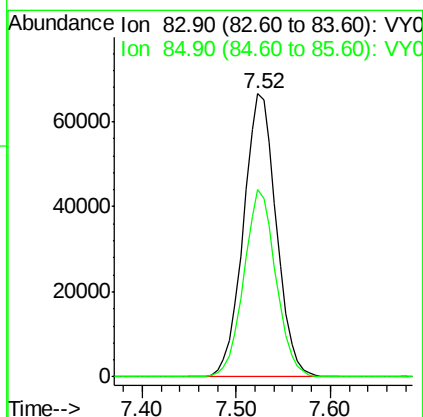
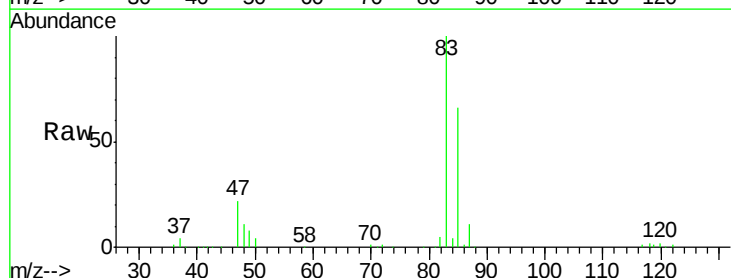
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

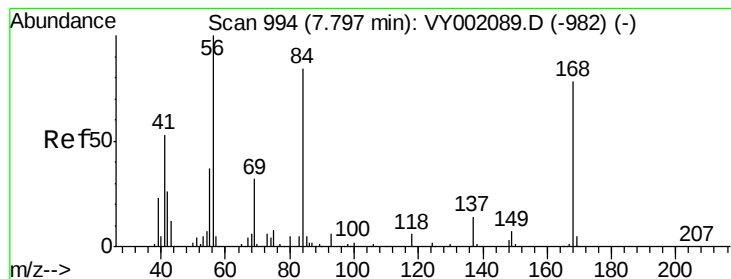
Tgt Ion: 42 Resp: 128289
Ion Ratio Lower Upper
42 100
72 41.7 33.0 49.4
71 38.7 31.2 46.8



#30
Chloroform
Concen: 48.514 ug/l
RT: 7.52 min Scan# 949
Delta R.T. -0.01 min
Lab File: VY002094.D
Acq: 27 Mar 2020 10:37

Tgt Ion: 83 Resp: 162843
Ion Ratio Lower Upper
83 100
85 66.3 52.4 78.6





#31

Cyclohexane

Concen: 45.498 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002094.D

Acq: 27 Mar 2020 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

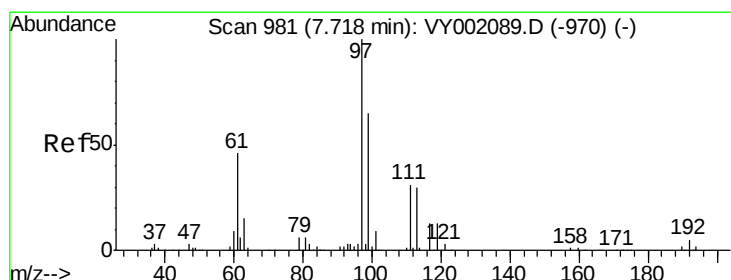
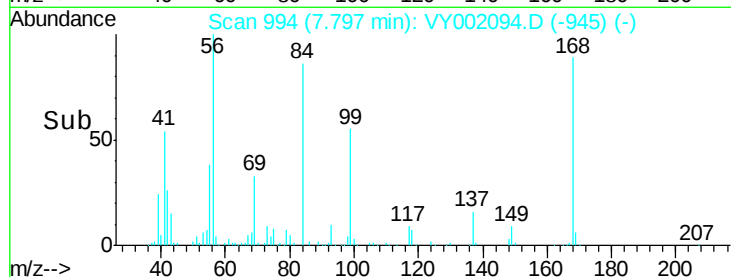
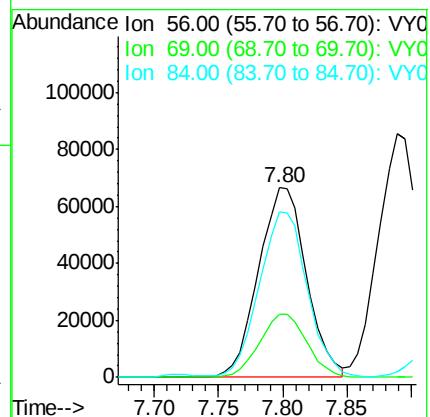
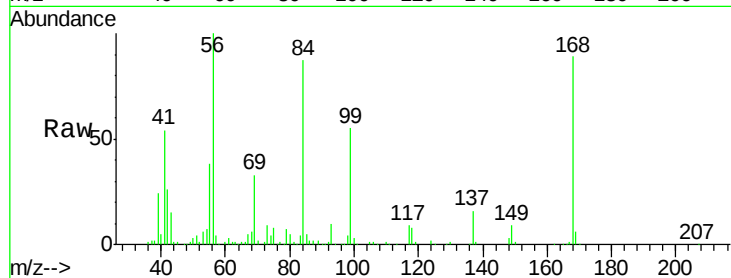
Tgt Ion: 56 Resp: 171683

Ion Ratio Lower Upper

56 100

69 33.3 25.8 38.8

84 86.0 67.1 100.7



#32

1,1,1-Trichloroethane

Concen: 48.229 ug/l

RT: 7.72 min Scan# 981

Delta R.T. 0.00 min

Lab File: VY002094.D

Acq: 27 Mar 2020 10:37

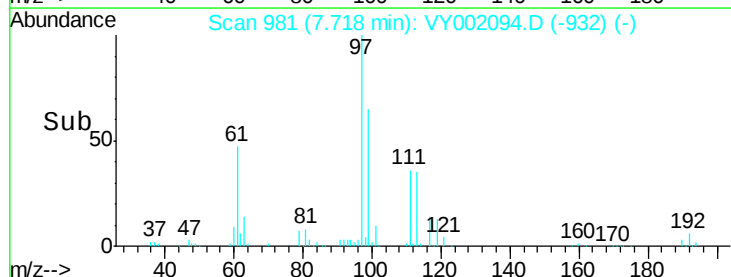
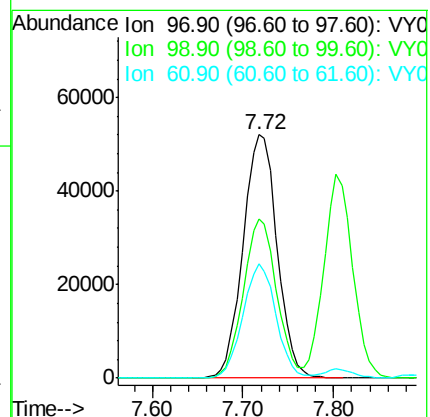
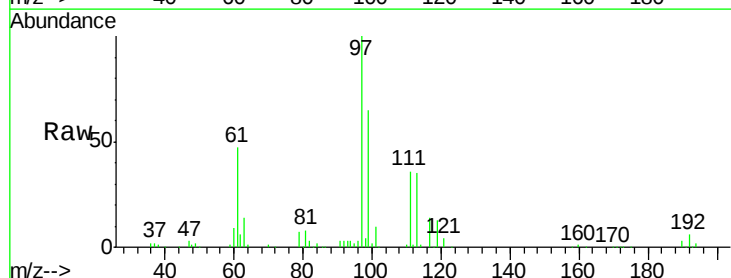
Tgt Ion: 97 Resp: 135164

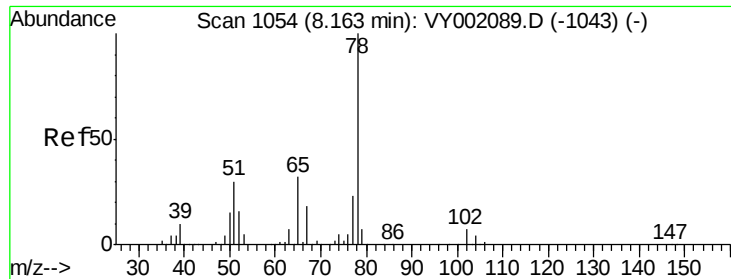
Ion Ratio Lower Upper

97 100

99 64.4 52.0 78.0

61 45.8 35.7 53.5

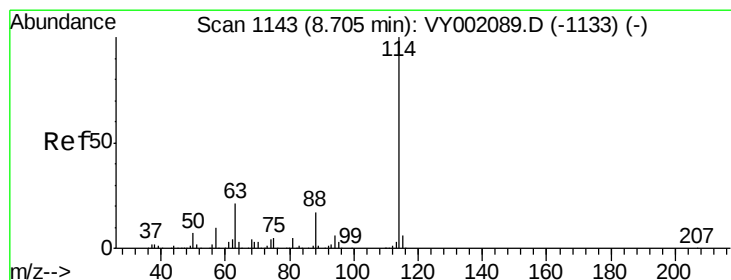
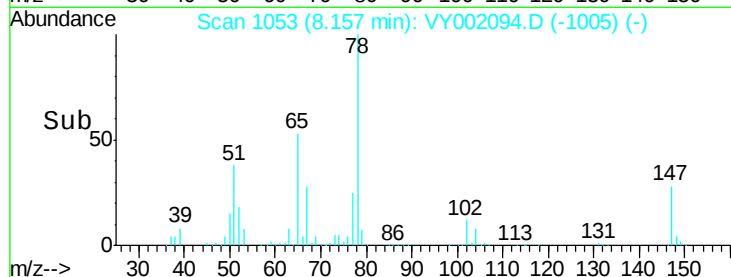
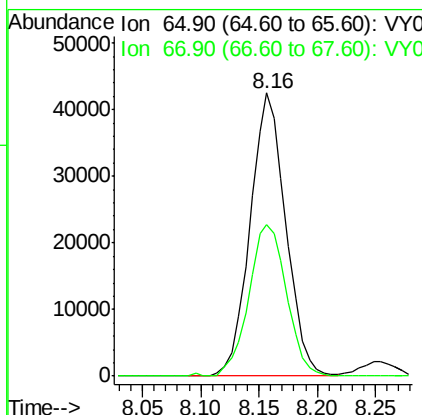
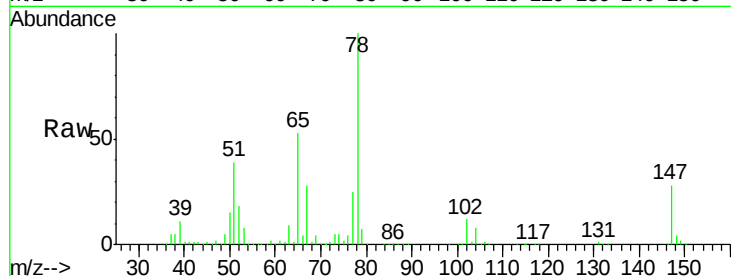




#33
 1,2-Dichloroethane-d4
 Concen: 49.706 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: VY002094.D
 Acq: 27 Mar 2020 10:37

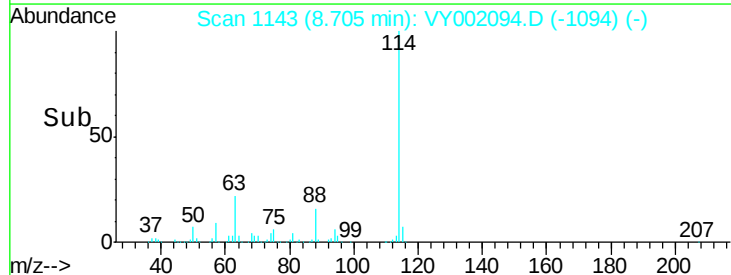
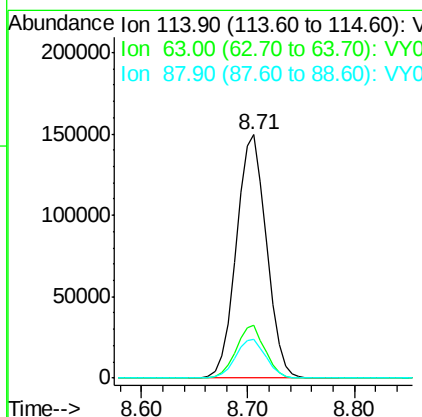
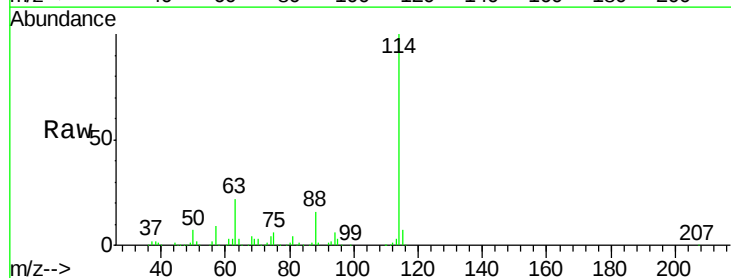
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

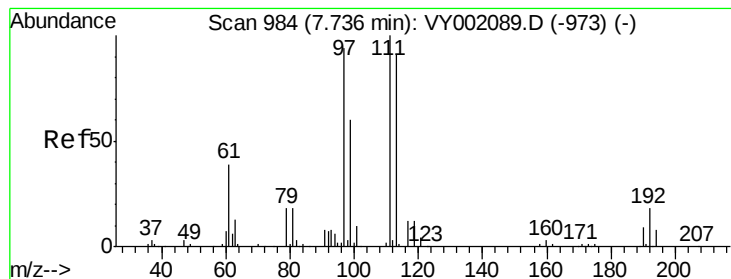
Tgt Ion: 65 Resp: 90027
 Ion Ratio Lower Upper
 65 100
 67 56.6 0.0 112.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. 0.00 min
 Lab File: VY002094.D
 Acq: 27 Mar 2020 10:37

Tgt Ion: 114 Resp: 297009
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 41.4
 88 16.0 0.0 33.0





#35

Dibromofluoromethane

Concen: 50.074 ug/l

RT: 7.74 min Scan# 984

Delta R.T. 0.00 min

Lab File: VY002094.D

Acq: 27 Mar 2020 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

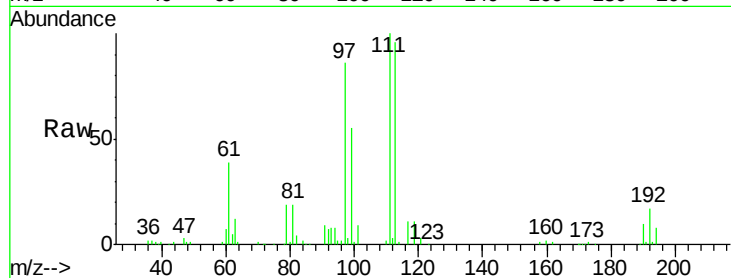
Tgt Ion:113 Resp: 83333

Ion Ratio Lower Upper

113 100

111 102.6 84.4 126.6

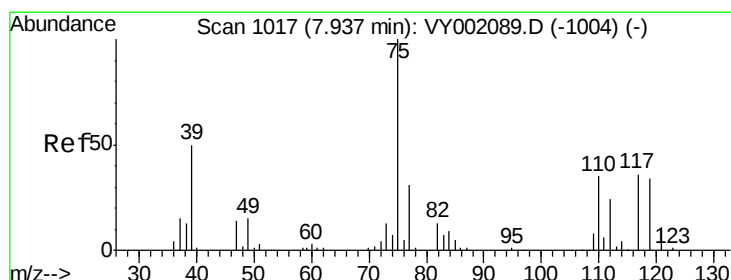
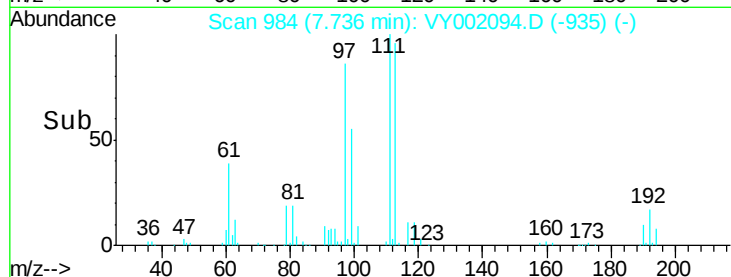
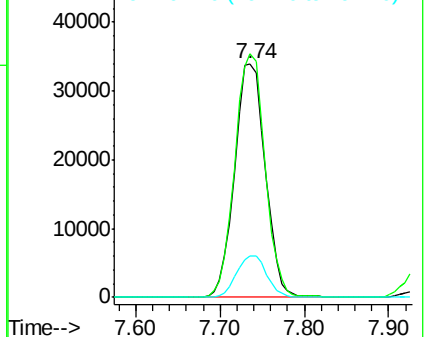
192 17.4 14.6 21.8



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: 48.114 ug/l

RT: 7.93 min Scan# 1016

Delta R.T. -0.01 min

Lab File: VY002094.D

Acq: 27 Mar 2020 10:37

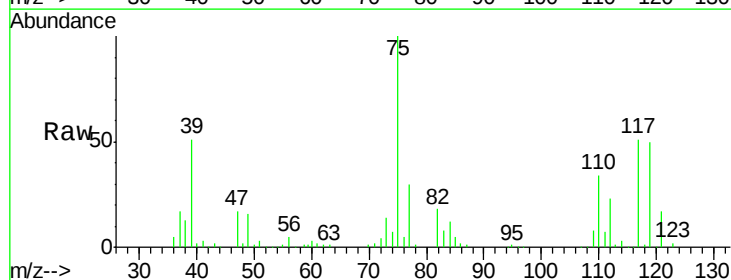
Tgt Ion: 75 Resp: 135166

Ion Ratio Lower Upper

75 100

110 34.4 17.2 51.6

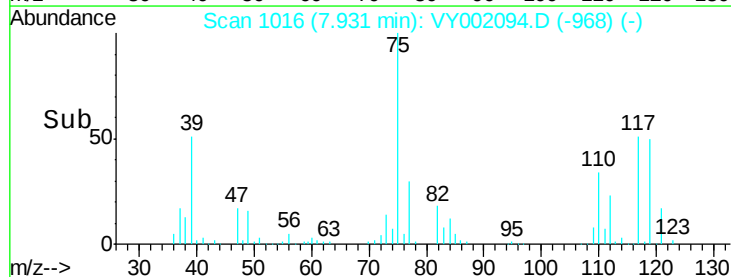
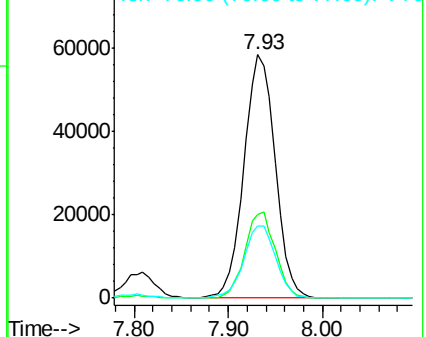
77 30.5 24.7 37.1

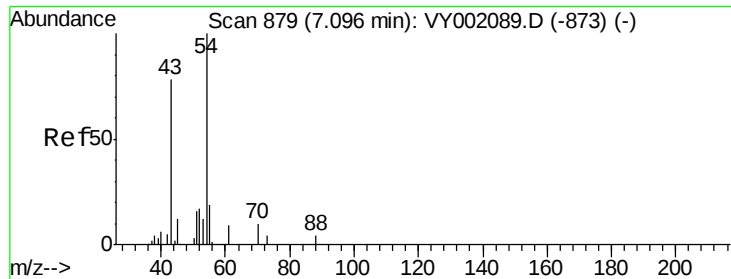


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

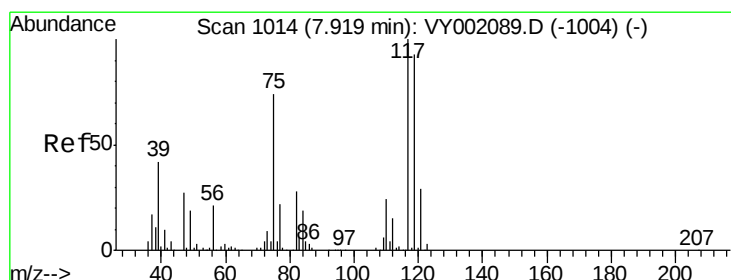
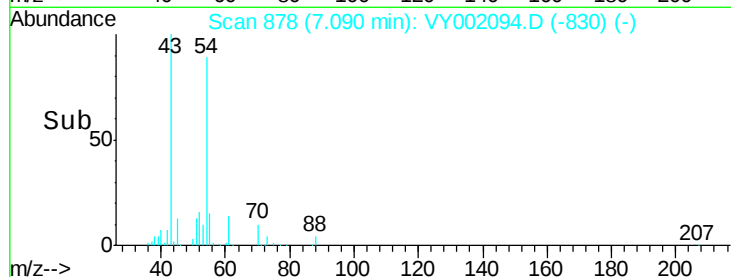
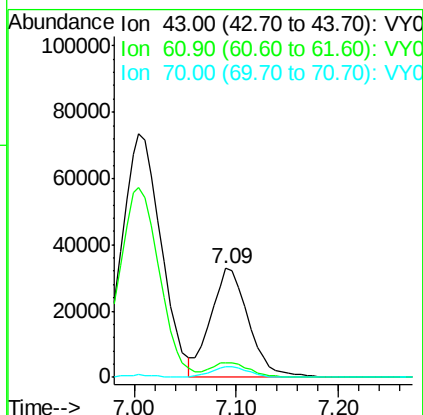
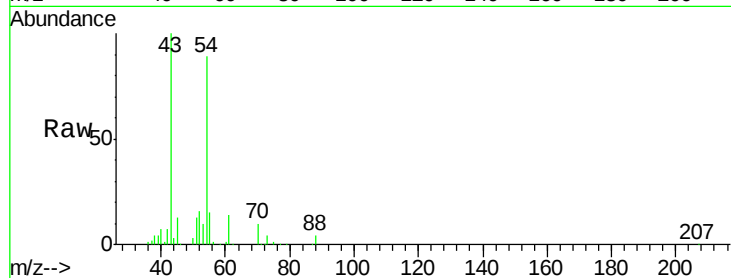




#37
Ethyl Acetate
Concen: 50.156 ug/l
RT: 7.09 min Scan# 878
Delta R.T. -0.01 min
Lab File: VY002094.D
Acq: 27 Mar 2020 10:37

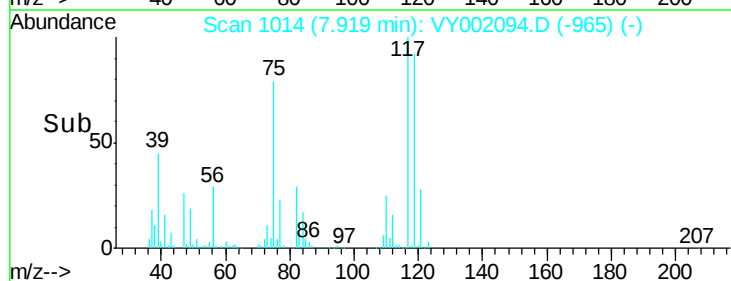
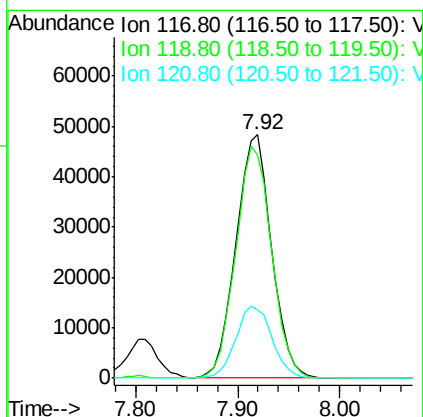
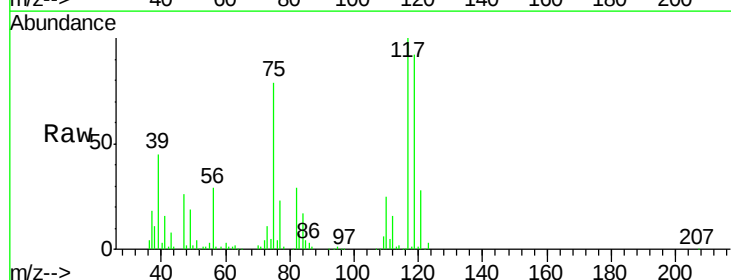
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

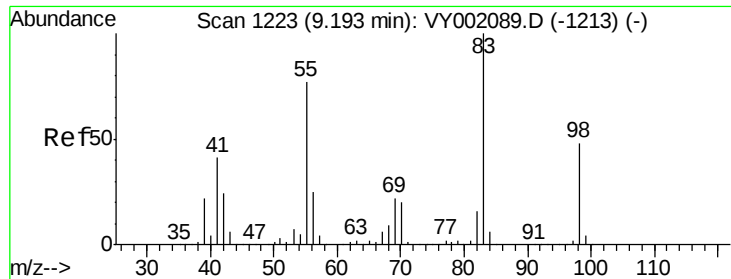
Tgt Ion: 43 Resp: 85149
Ion Ratio Lower Upper
43 100
61 13.3 11.2 16.8
70 10.0 8.2 12.4



#38
Carbon Tetrachloride
Concen: 49.188 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. 0.00 min
Lab File: VY002094.D
Acq: 27 Mar 2020 10:37

Tgt Ion: 117 Resp: 117238
Ion Ratio Lower Upper
117 100
119 91.6 74.3 111.5
121 27.9 23.3 34.9



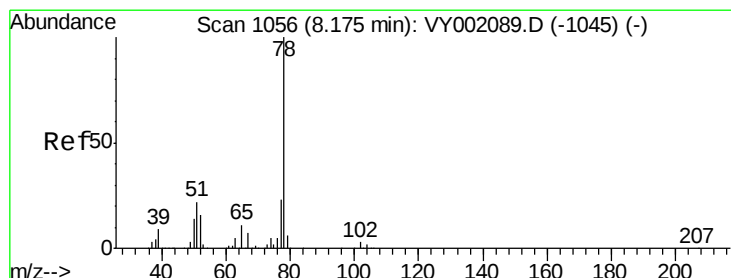
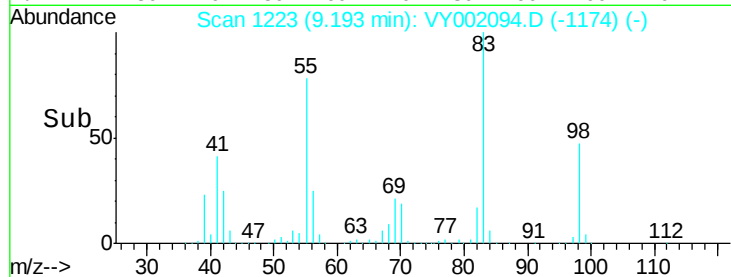
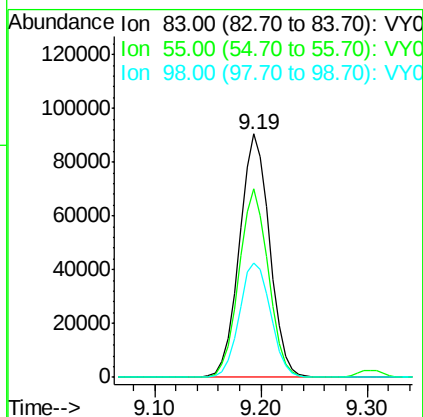
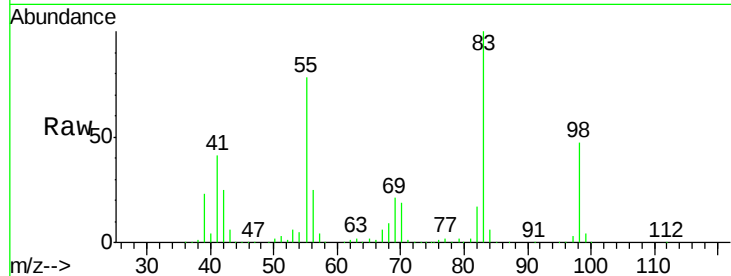


#39
Methylcyclohexane
Concen: 48.882 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. 0.00 min
Lab File: VY002094.D
Acq: 27 Mar 2020 10:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 180128

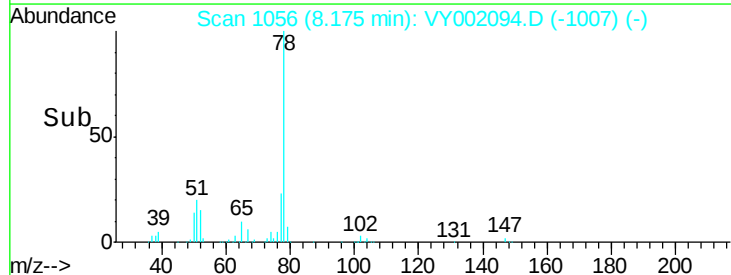
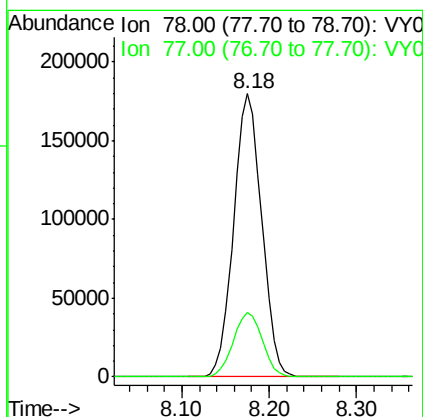
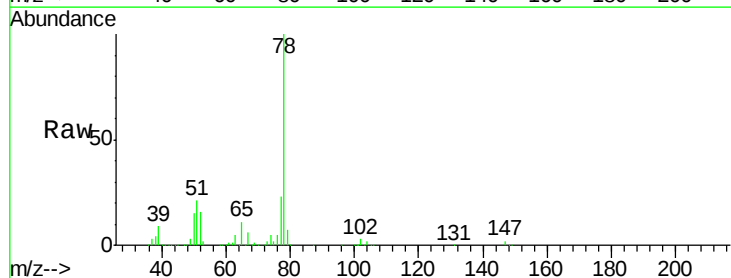
Ion	Ratio	Lower	Upper
83	100		
55	77.7	61.2	91.8
98	46.8	38.2	57.2

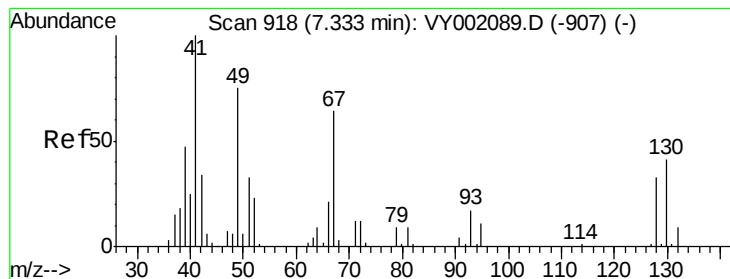


#40
Benzene
Concen: 48.239 ug/l
RT: 8.18 min Scan# 1056
Delta R.T. 0.00 min
Lab File: VY002094.D
Acq: 27 Mar 2020 10:37

Tgt Ion: 78 Resp: 401422

Ion	Ratio	Lower	Upper
78	100		
77	22.7	18.2	27.4





#41

Methacrylonitrile

Concen: 129.741 ug/l

RT: 7.36 min Scan# 923

Delta R.T. 0.03 min

Lab File: VY002094.D

Acq: 27 Mar 2020 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 41 Resp: 111412

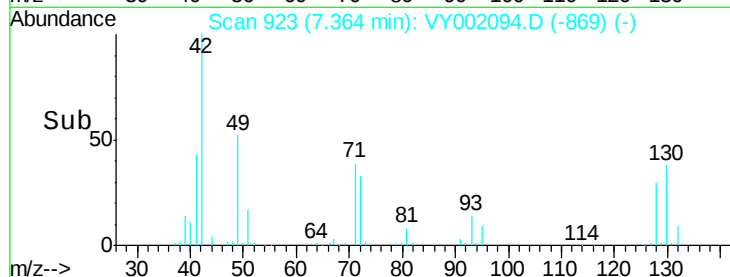
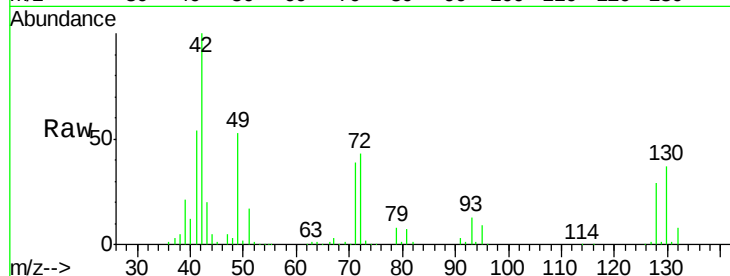
Ion Ratio Lower Upper

41 100

39 27.0 0.0 0.0#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

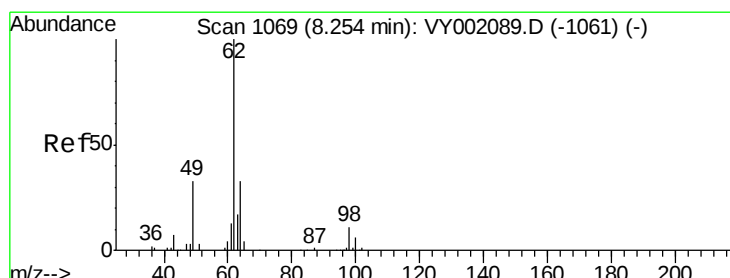
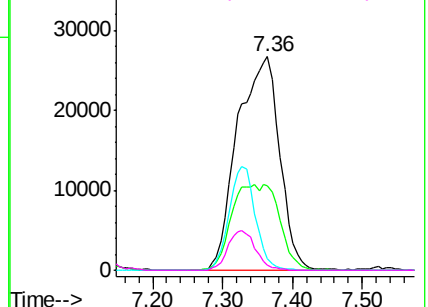


Abundance Ion 41.00 (40.70 to 41.70): VY0

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: 48.814 ug/l

RT: 8.25 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VY002094.D

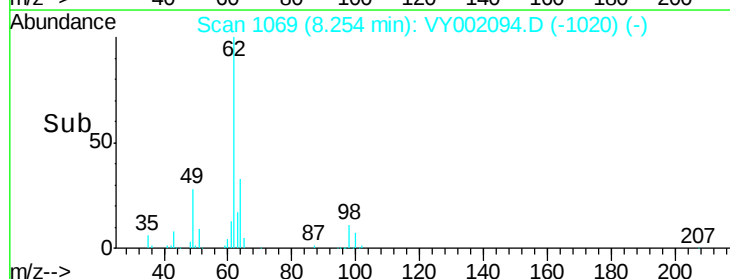
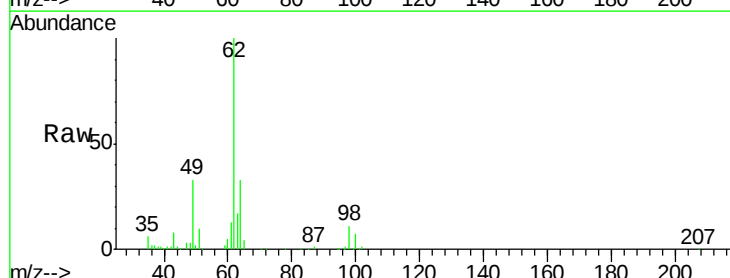
Acq: 27 Mar 2020 10:37

Tgt Ion: 62 Resp: 107844

Ion Ratio Lower Upper

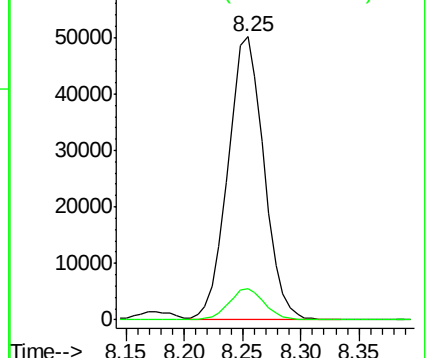
62 100

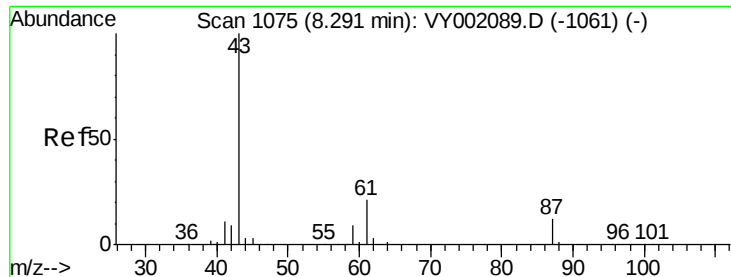
98 10.9 0.0 21.2



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

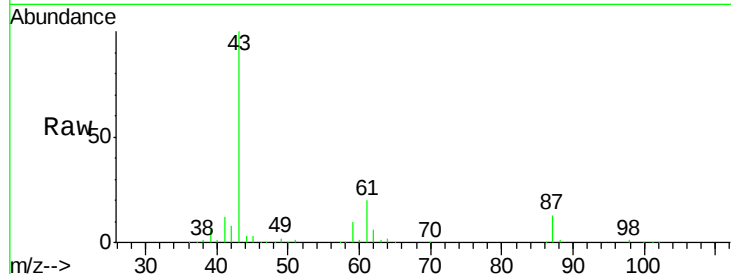




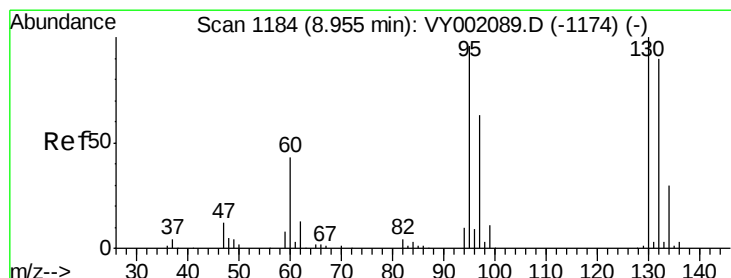
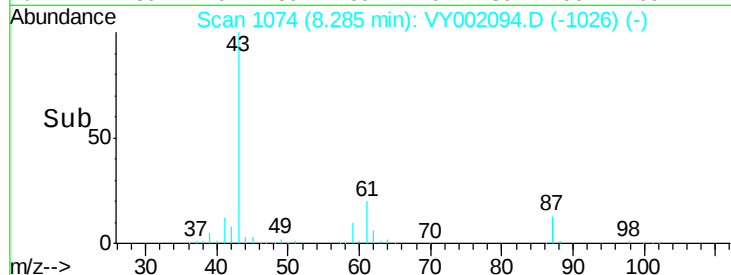
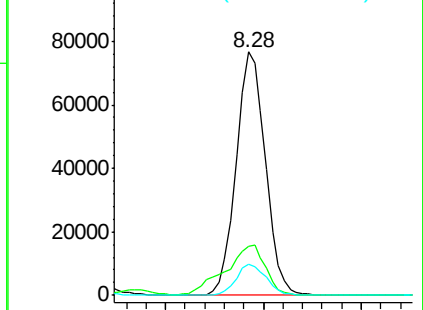
#43
Isopropyl Acetate
Concen: 50.445 ug/l
RT: 8.28 min Scan# 1074
Delta R.T. -0.01 min
Lab File: VY002094.D
Acq: 27 Mar 2020 10:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 158947
Ion Ratio Lower Upper
43 100
61 28.5 23.4 35.2
87 12.9 10.2 15.4

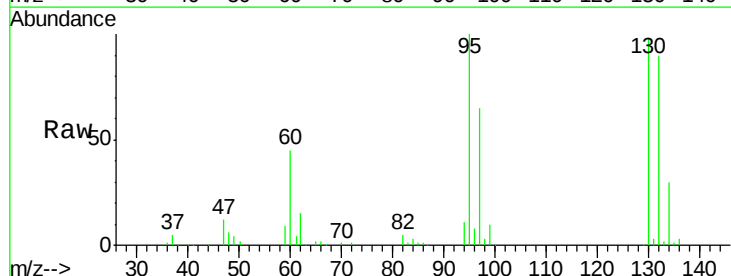


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 61.00 (60.70 to 61.70): VY0
Ion 87.00 (86.70 to 87.70): VY0

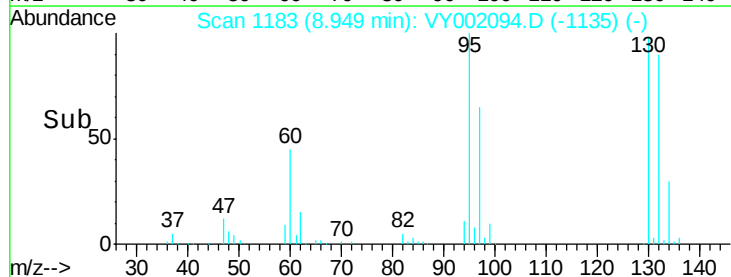
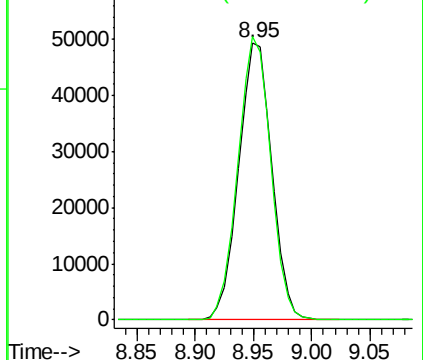


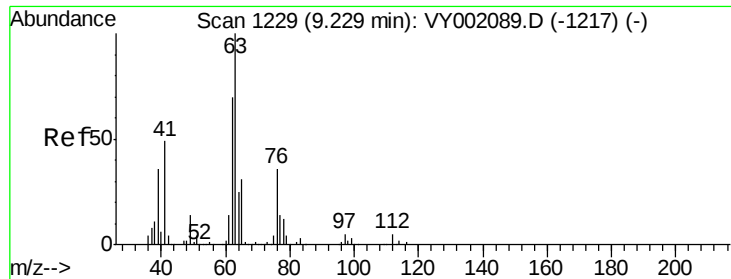
#44
Trichloroethene
Concen: 48.969 ug/l
RT: 8.95 min Scan# 1183
Delta R.T. -0.01 min
Lab File: VY002094.D
Acq: 27 Mar 2020 10:37

Tgt Ion: 130 Resp: 98228
Ion Ratio Lower Upper
130 100
95 102.0 0.0 193.0



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

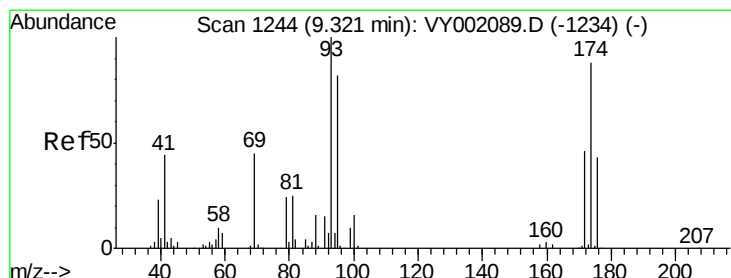
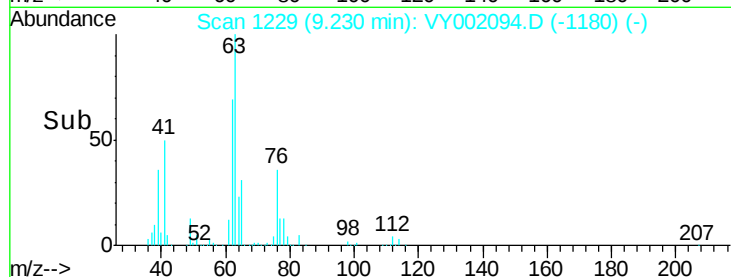
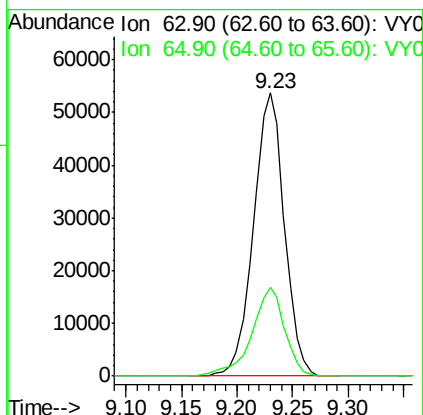
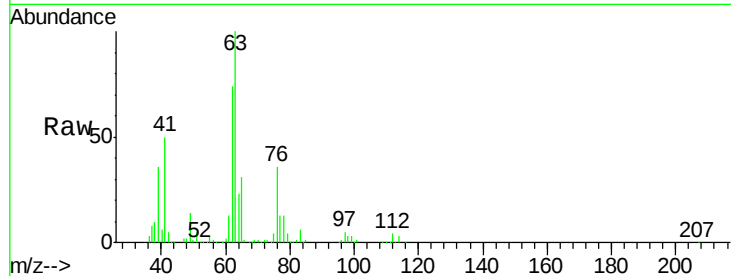




#45
 1,2-Dichloropropane
 Concen: 49.003 ug/l
 RT: 9.23 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: VY002094.D
 Acq: 27 Mar 2020 10:37

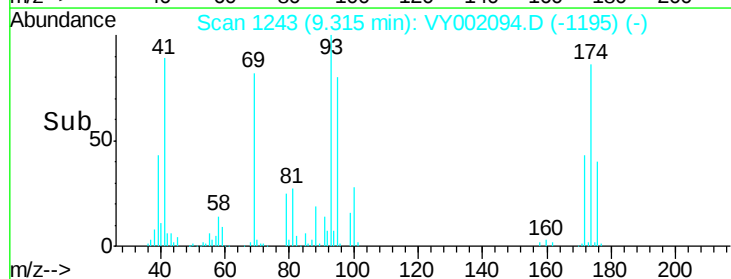
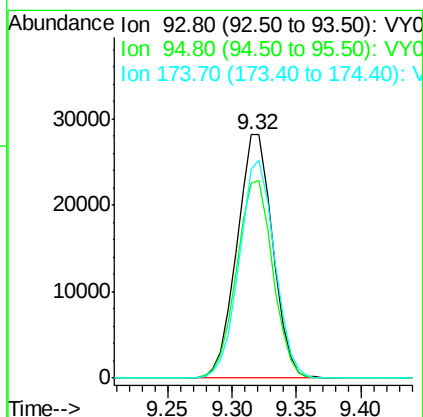
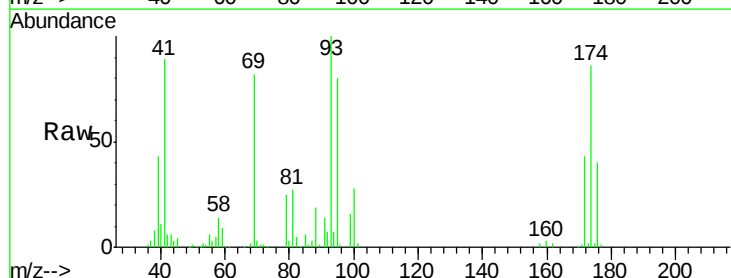
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

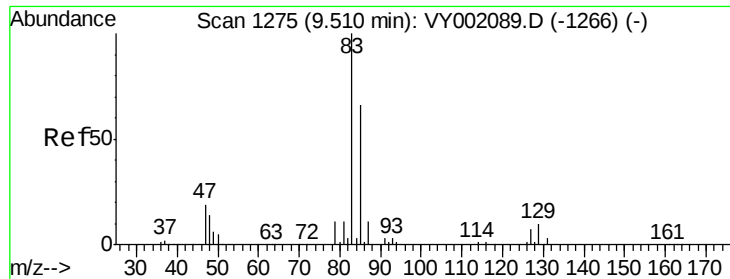
Tgt Ion: 63 Resp: 103829
 Ion Ratio Lower Upper
 63 100
 65 31.4 25.0 37.6



#46
 Dibromomethane
 Concen: 49.858 ug/l
 RT: 9.32 min Scan# 1243
 Delta R.T. -0.01 min
 Lab File: VY002094.D
 Acq: 27 Mar 2020 10:37

Tgt Ion: 93 Resp: 54253
 Ion Ratio Lower Upper
 93 100
 95 82.1 66.0 99.0
 174 88.1 69.8 104.8





#47

Bromodichloromethane

Concen: 49.409 ug/l

RT: 9.51 min Scan# 1275

Delta R.T. 0.00 min

Lab File: VY002094.D

Acq: 27 Mar 2020 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

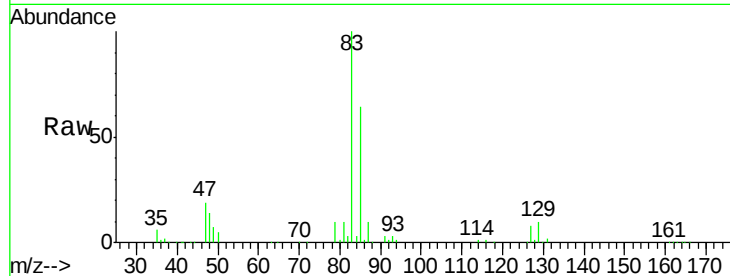
Tgt Ion: 83 Resp: 125161

Ion Ratio Lower Upper

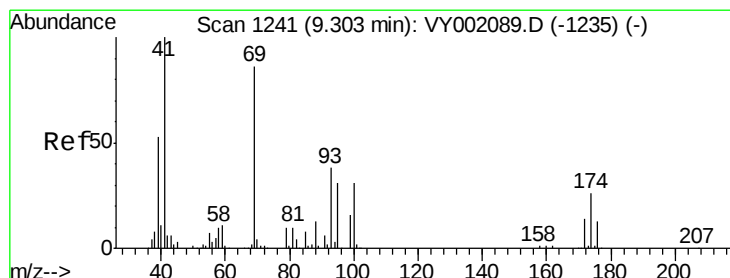
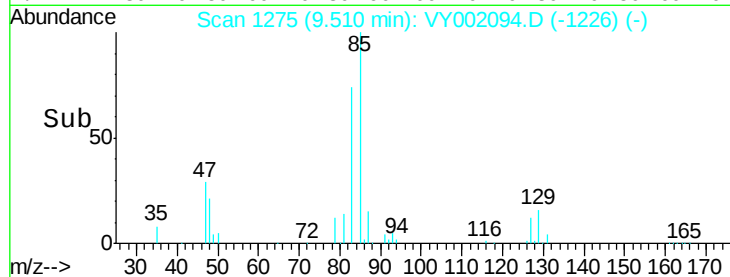
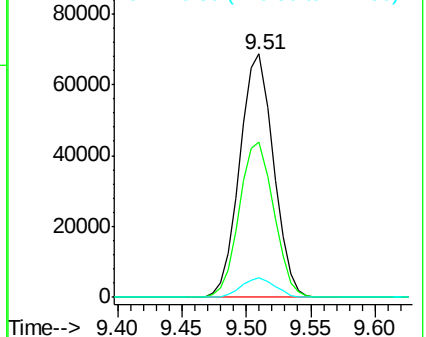
83 100

85 63.7 52.6 79.0

127 7.8 5.9 8.9



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



#48

Methyl methacrylate

Concen: 50.573 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. 0.00 min

Lab File: VY002094.D

Acq: 27 Mar 2020 10:37

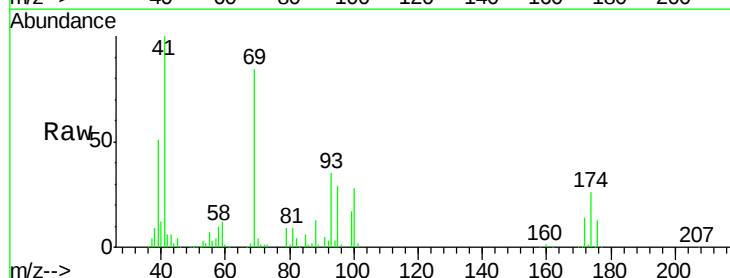
Tgt Ion: 41 Resp: 71410

Ion Ratio Lower Upper

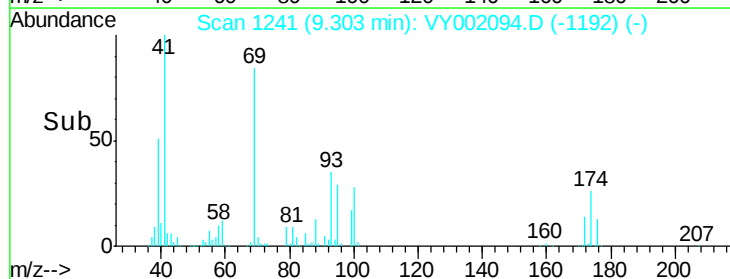
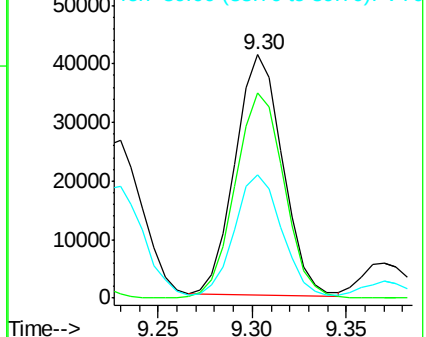
41 100

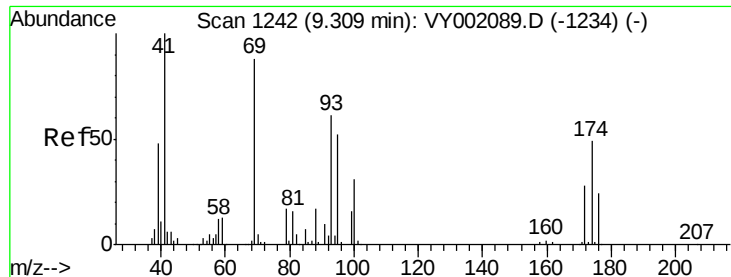
69 88.6 71.4 107.0

39 50.1 41.0 61.4



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

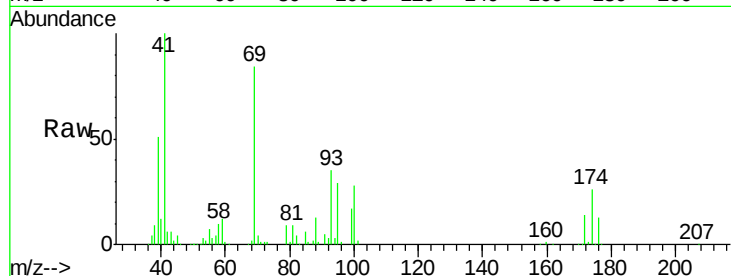




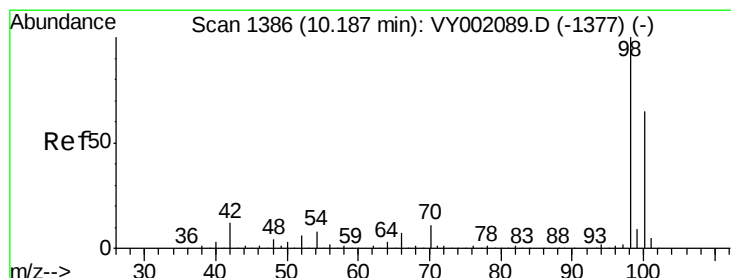
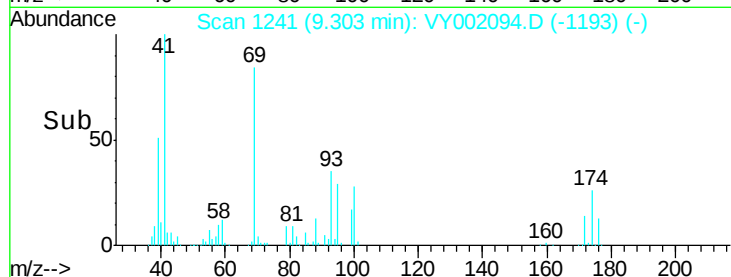
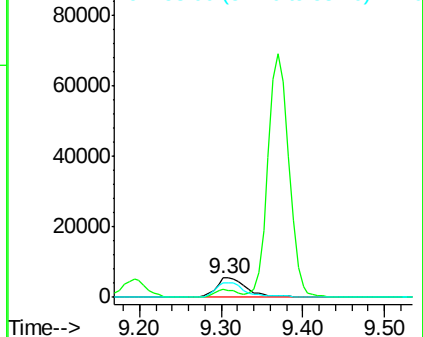
#49
1,4-Dioxane
Concen: 992.434 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VY002094.D
Acq: 27 Mar 2020 10:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 14819
Ion Ratio Lower Upper
88 100
43 28.8 27.2 40.8
58 67.6 59.8 89.8

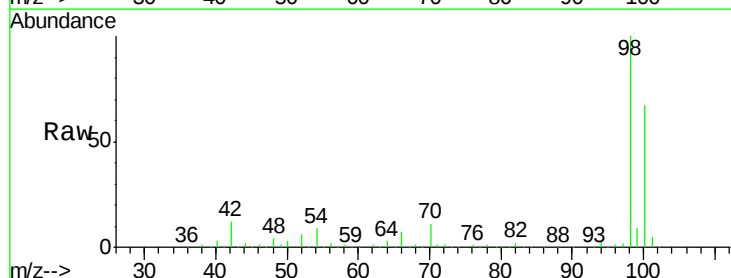


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

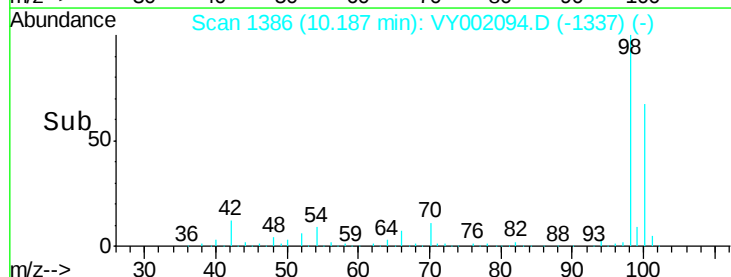
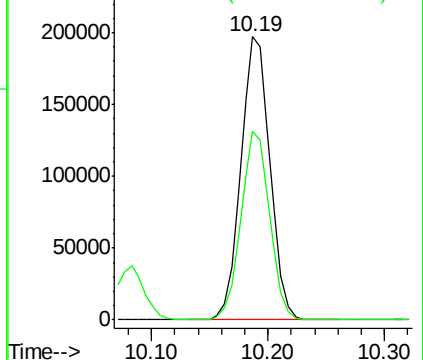


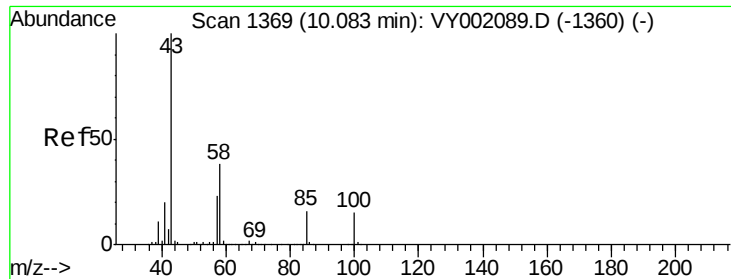
#50
Toluene-d8
Concen: 49.511 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. 0.00 min
Lab File: VY002094.D
Acq: 27 Mar 2020 10:37

Tgt Ion: 98 Resp: 342292
Ion Ratio Lower Upper
98 100
100 65.8 51.6 77.4



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

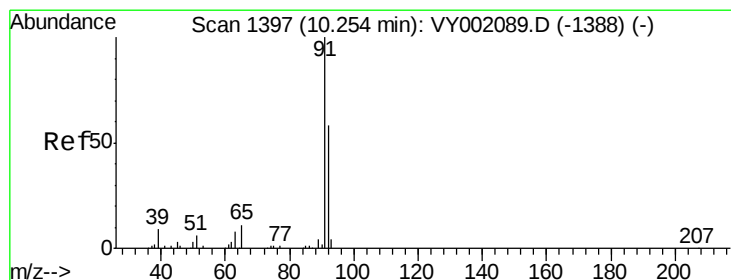
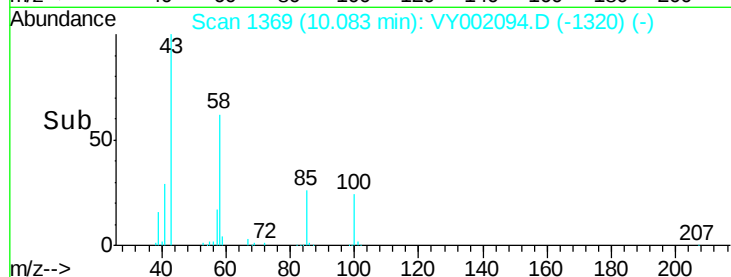
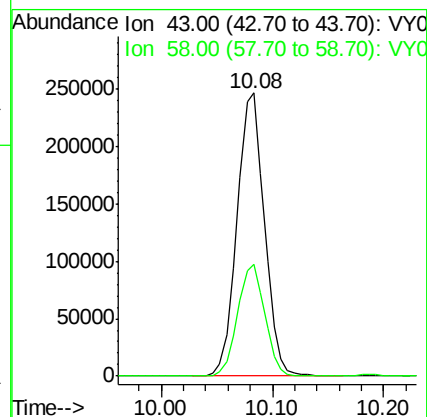
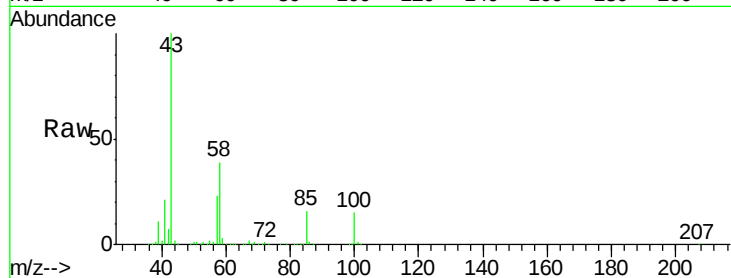




#51
 4-Methyl-2-Pentanone
 Concen: 258.395 ug/l
 RT: 10.08 min Scan# 1369
 Delta R.T. 0.00 min
 Lab File: VY002094.D
 Acq: 27 Mar 2020 10:37

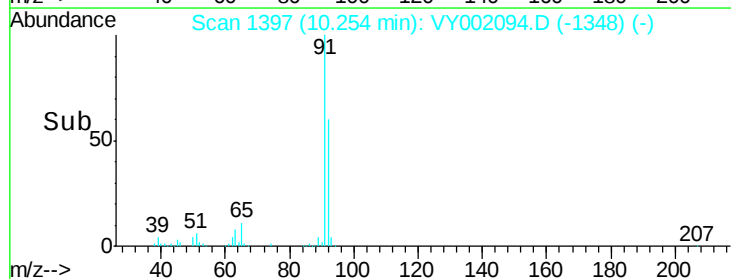
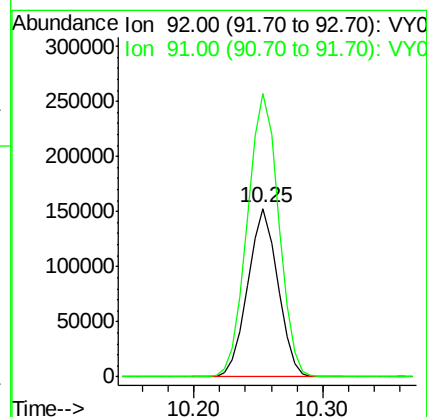
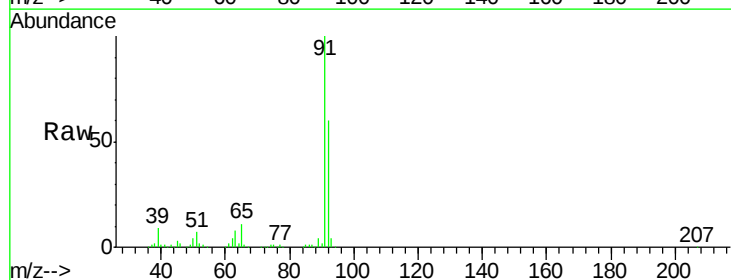
Instrument :
 MSVOA_Y
 ClientSampled :
 VSTDCCC050

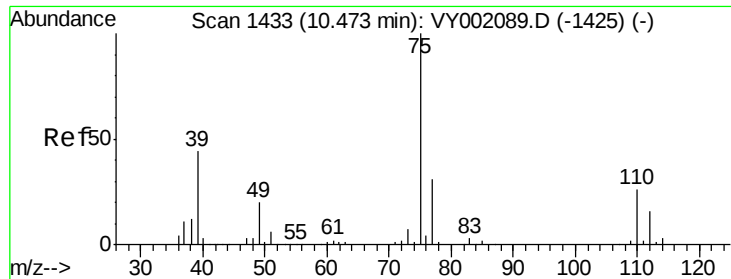
Tgt Ion: 43 Resp: 419240
 Ion Ratio Lower Upper
 43 100
 58 39.4 31.6 47.4



#52
 Toluene
 Concen: 48.934 ug/l
 RT: 10.25 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VY002094.D
 Acq: 27 Mar 2020 10:37

Tgt Ion: 92 Resp: 246286
 Ion Ratio Lower Upper
 92 100
 91 174.7 139.3 208.9

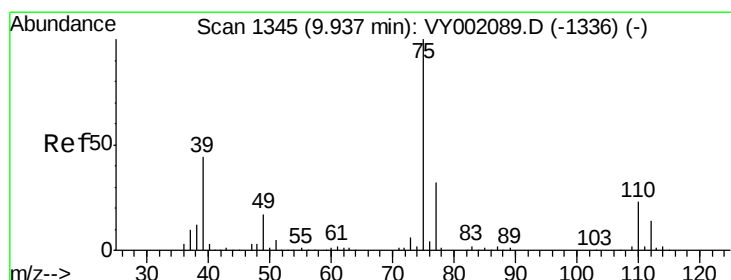
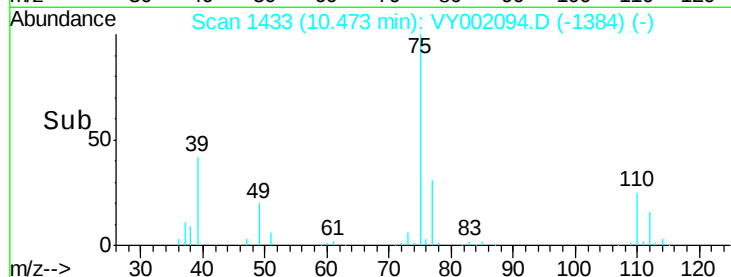
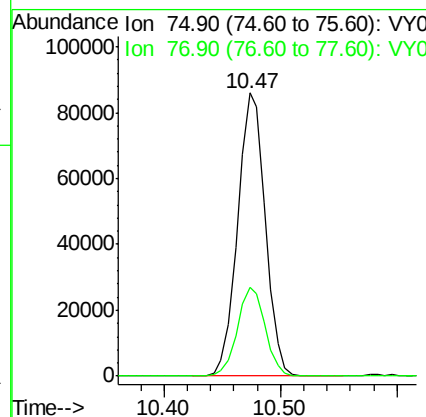
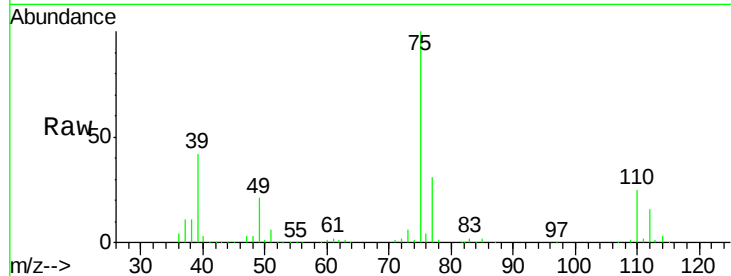




#53
 t-1,3-Dichloropropene
 Concen: 50.523 ug/l
 RT: 10.47 min Scan# 1433
 Delta R.T. 0.00 min
 Lab File: VY002094.D
 Acq: 27 Mar 2020 10:37

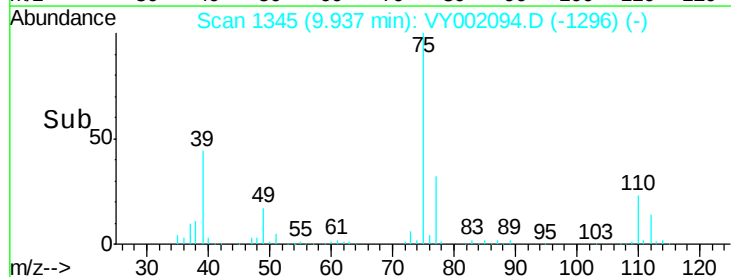
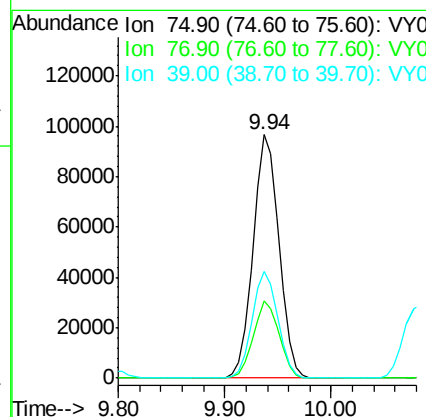
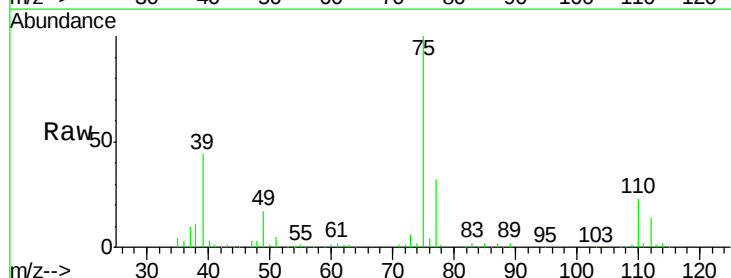
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

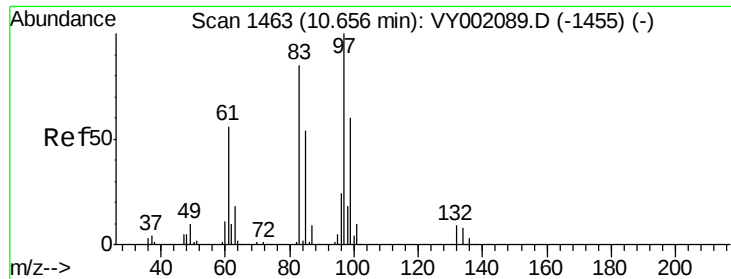
Tgt Ion: 75 Resp: 142050
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 49.825 ug/l
 RT: 9.94 min Scan# 1345
 Delta R.T. 0.00 min
 Lab File: VY002094.D
 Acq: 27 Mar 2020 10:37

Tgt Ion: 75 Resp: 164937
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.6 38.4
 39 43.9 35.2 52.8

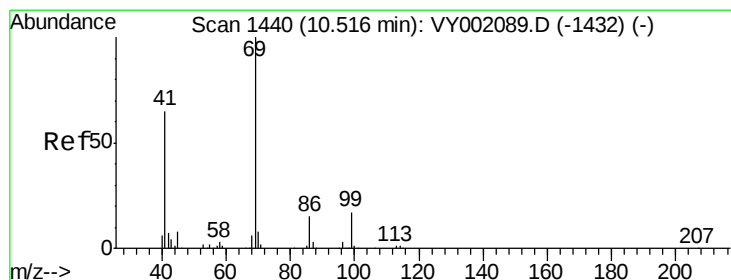
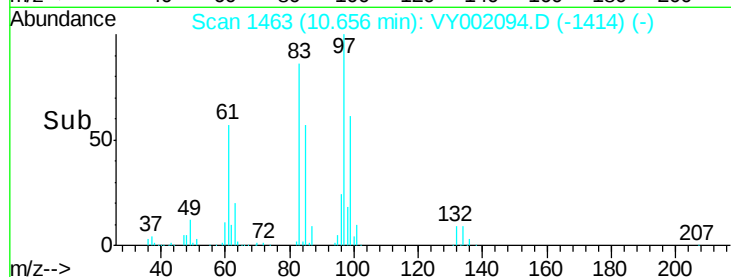
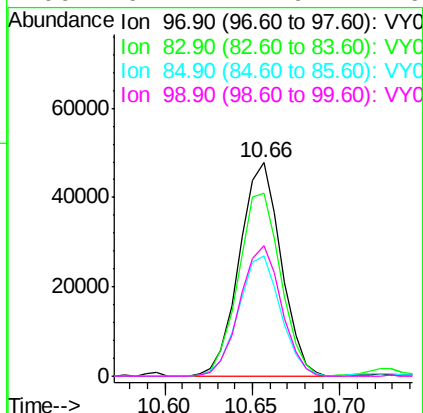
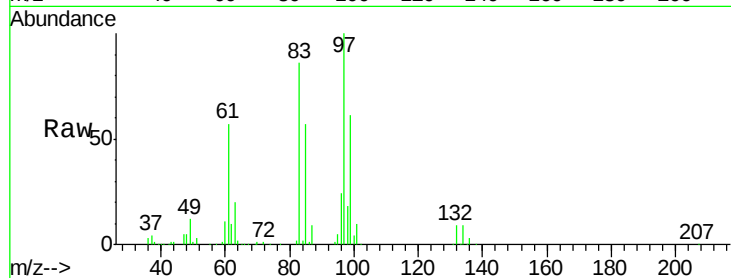




#55
 1,1,2-Trichloroethane
 Concen: 48.834 ug/l
 RT: 10.66 min Scan# 1463
 Delta R.T. 0.00 min
 Lab File: VY002094.D
 Acq: 27 Mar 2020 10:37

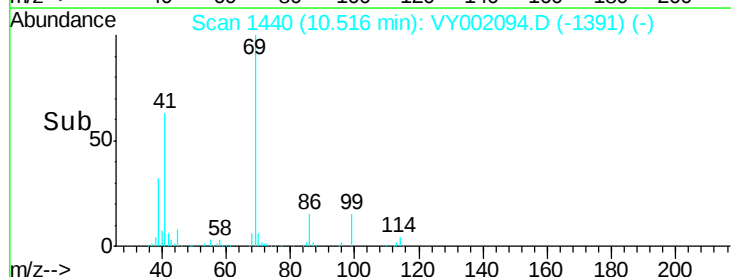
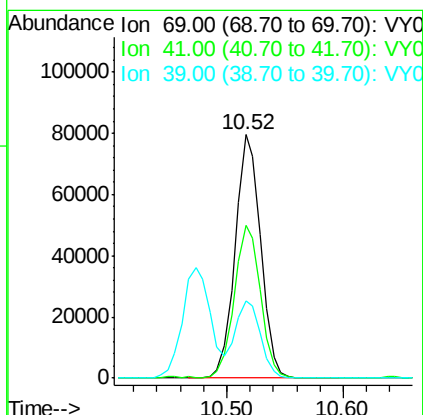
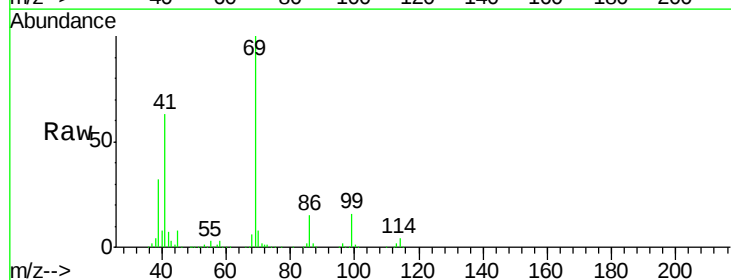
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

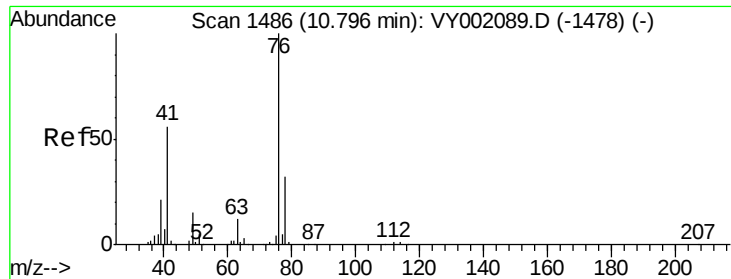
Tgt Ion: 97 Resp: 78647
 Ion Ratio Lower Upper
 97 100
 83 85.7 68.2 102.2
 85 56.6 42.9 64.3
 99 61.4 47.9 71.9



#56
 Ethyl methacrylate
 Concen: 51.658 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VY002094.D
 Acq: 27 Mar 2020 10:37

Tgt Ion: 69 Resp: 121514
 Ion Ratio Lower Upper
 69 100
 41 64.1 52.8 79.2
 39 31.2 25.0 37.6

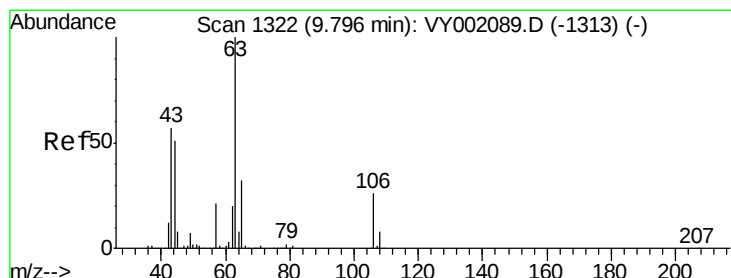
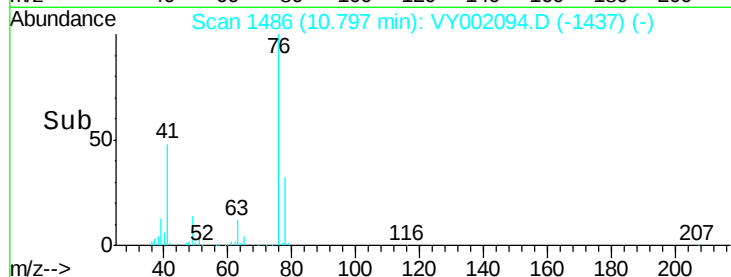
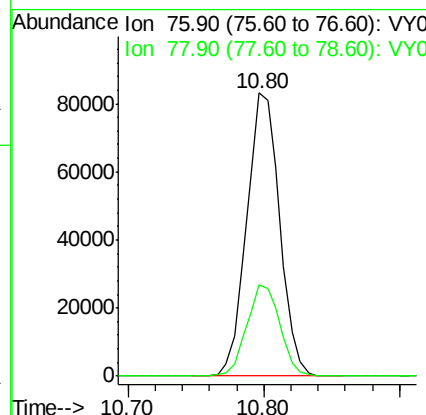
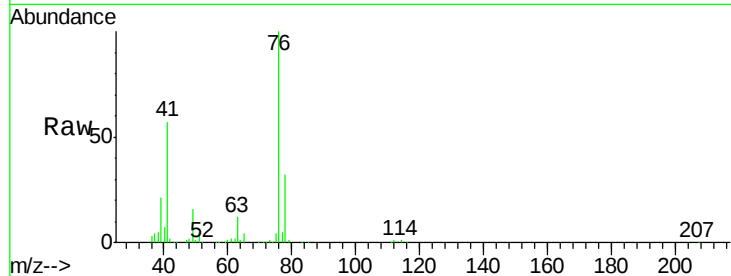




#57
 1,3-Dichloropropane
 Concen: 49.473 ug/l
 RT: 10.80 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VY002094.D
 Acq: 27 Mar 2020 10:37

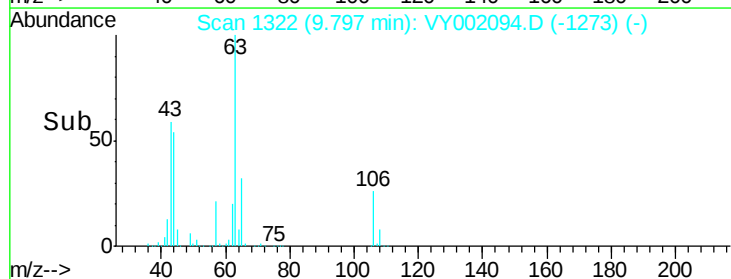
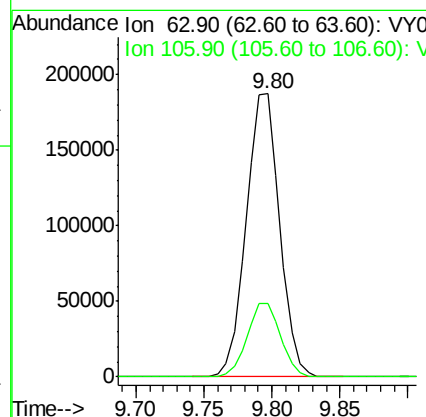
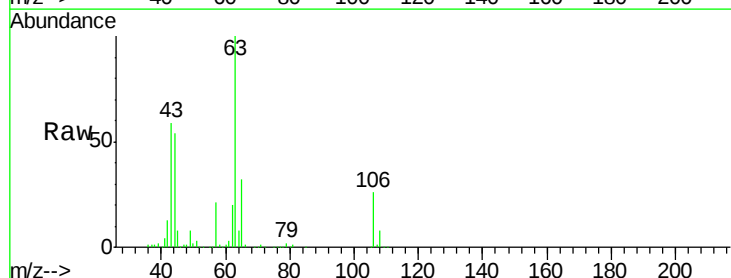
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

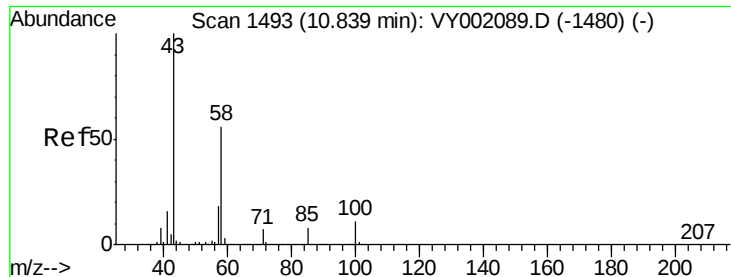
Tgt Ion: 76 Resp: 140773
 Ion Ratio Lower Upper
 76 100
 78 32.3 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 266.479 ug/l
 RT: 9.80 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VY002094.D
 Acq: 27 Mar 2020 10:37

Tgt Ion: 63 Resp: 322089
 Ion Ratio Lower Upper
 63 100
 106 25.9 21.0 31.4

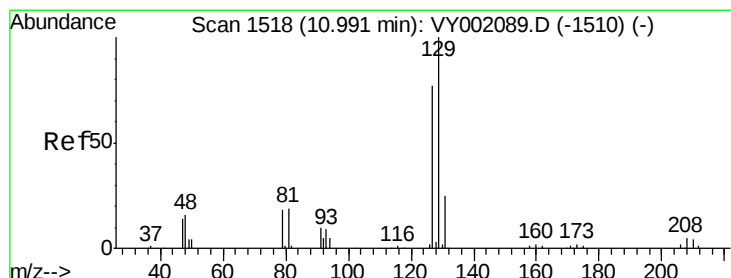
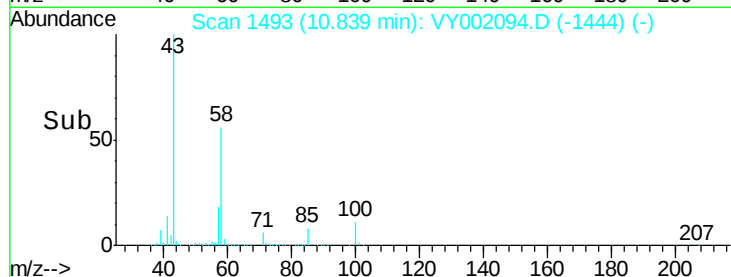
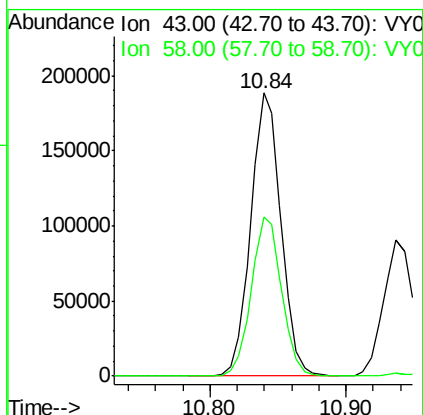
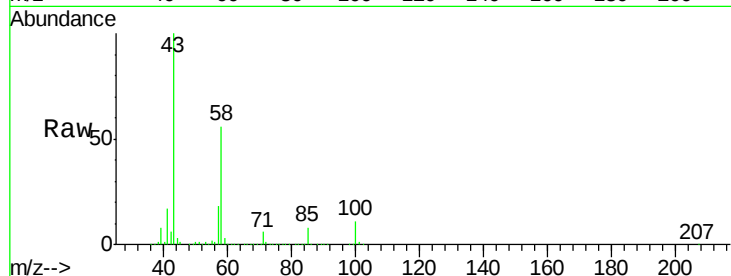




#59
2-Hexanone
Concen: 256.598 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VY002094.D
Acq: 27 Mar 2020 10:37

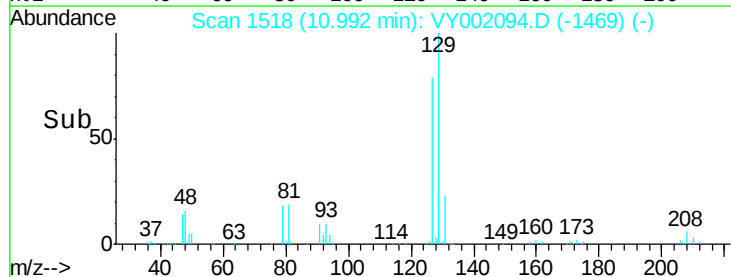
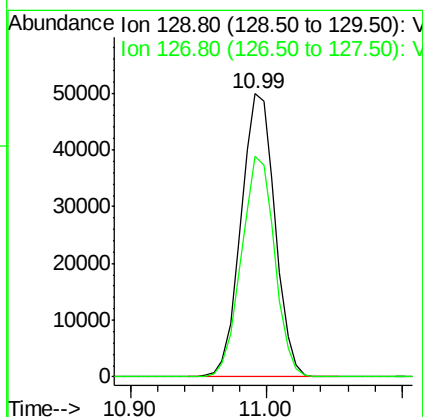
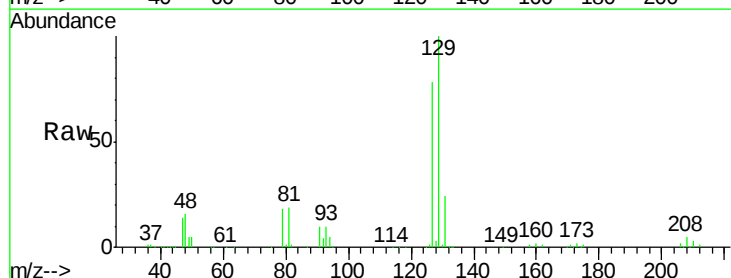
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

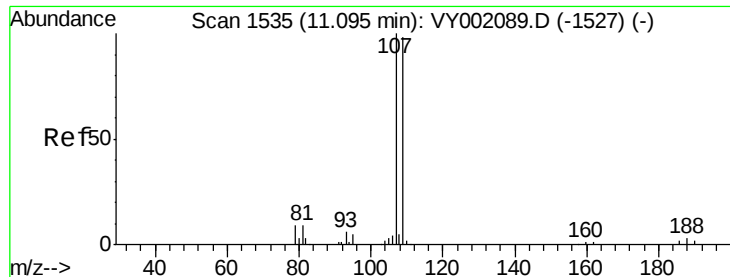
Tgt Ion: 43 Resp: 293266
Ion Ratio Lower Upper
43 100
58 56.3 27.9 83.6



#60
Dibromochloromethane
Concen: 51.593 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VY002094.D
Acq: 27 Mar 2020 10:37

Tgt Ion: 129 Resp: 86947
Ion Ratio Lower Upper
129 100
127 76.4 38.7 116.1

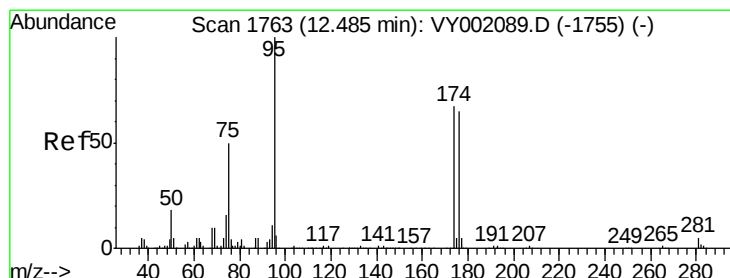
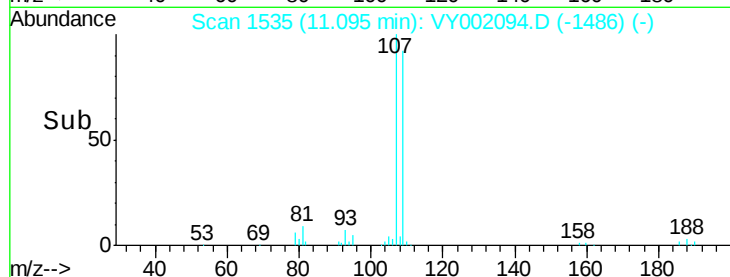
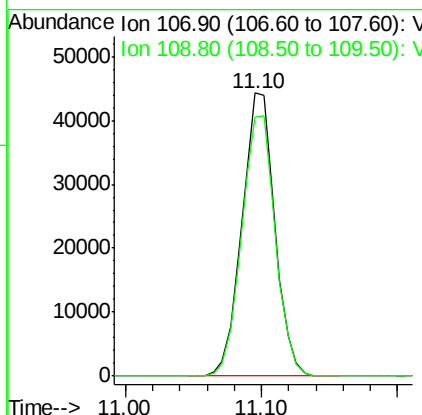
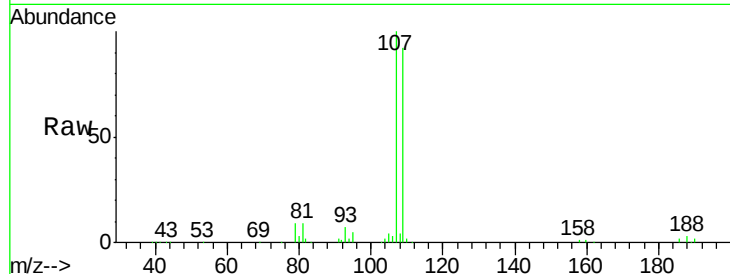




#61
 1,2-Dibromoethane
 Concen: 49.554 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VY002094.D
 Acq: 27 Mar 2020 10:37

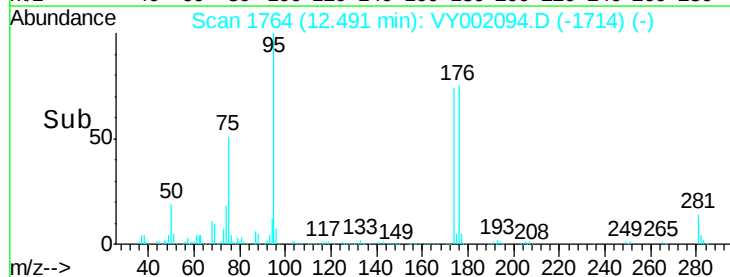
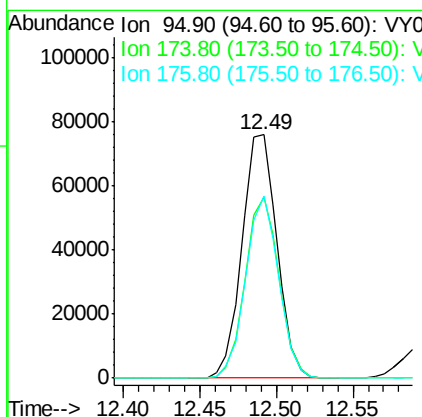
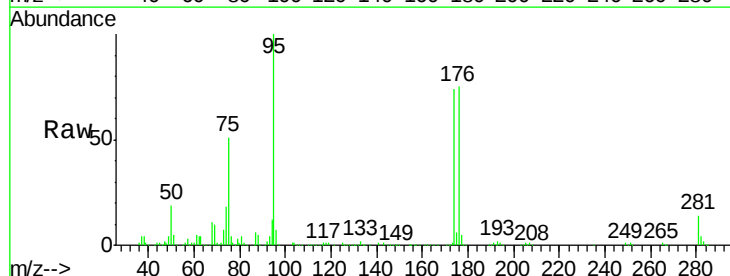
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

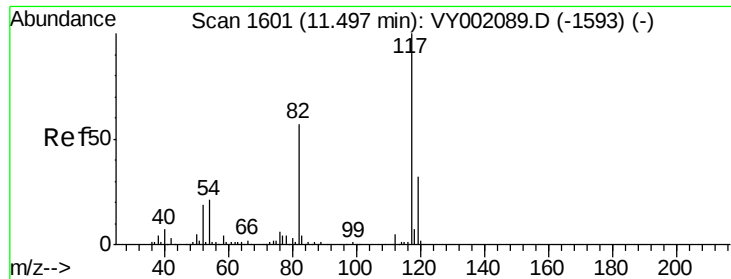
Tgt Ion: 107 Resp: 74698
 Ion Ratio Lower Upper
 107 100
 109 94.2 76.3 114.5



#62
 4-Bromofluorobenzene
 Concen: 49.825 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.01 min
 Lab File: VY002094.D
 Acq: 27 Mar 2020 10:37

Tgt Ion: 95 Resp: 120469
 Ion Ratio Lower Upper
 95 100
 174 71.9 0.0 143.4
 176 70.5 0.0 137.0

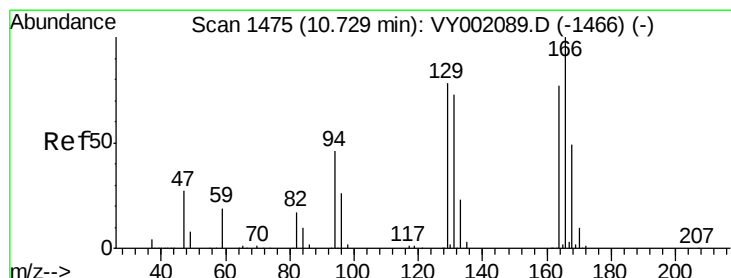
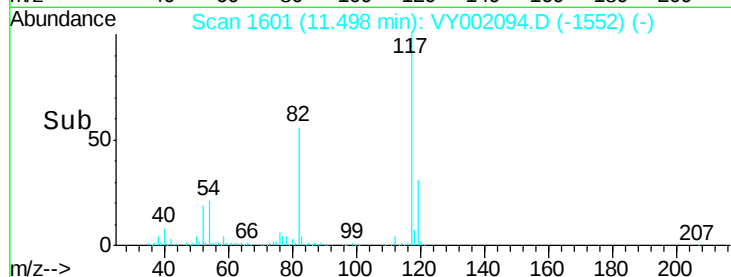
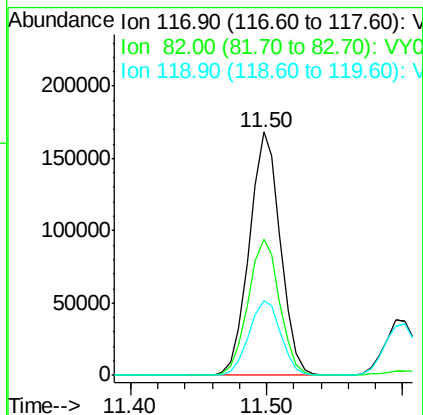
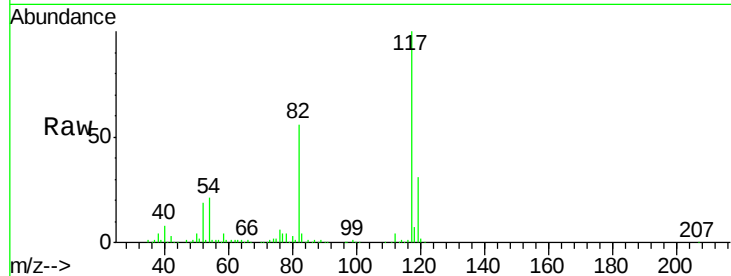




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY002094.D
Acq: 27 Mar 2020 10:37

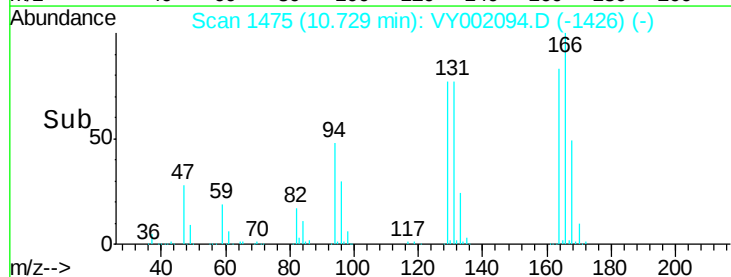
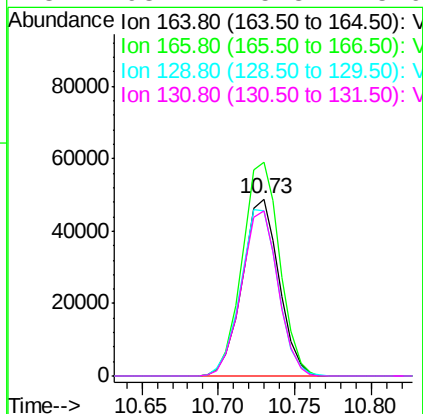
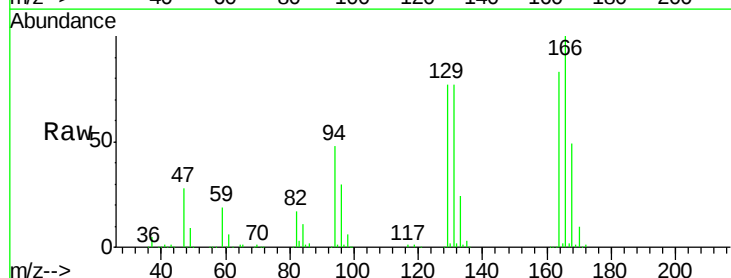
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

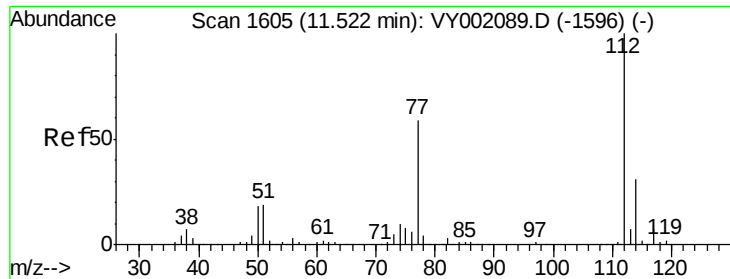
Tgt Ion:117 Resp: 268573
Ion Ratio Lower Upper
117 100
82 55.8 45.4 68.2
119 30.8 25.3 37.9



#64
Tetrachloroethene
Concen: 49.456 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. 0.00 min
Lab File: VY002094.D
Acq: 27 Mar 2020 10:37

Tgt Ion:164 Resp: 81266
Ion Ratio Lower Upper
164 100
166 120.9 104.0 156.0
129 93.1 81.2 121.8
131 93.2 75.8 113.6

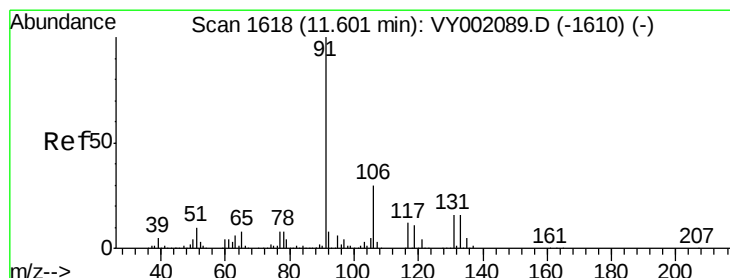
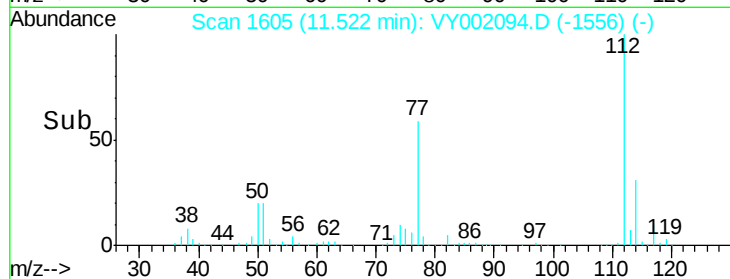
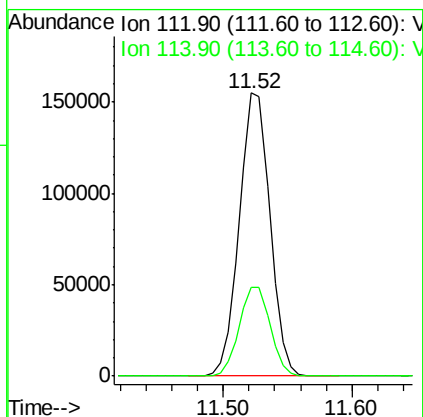
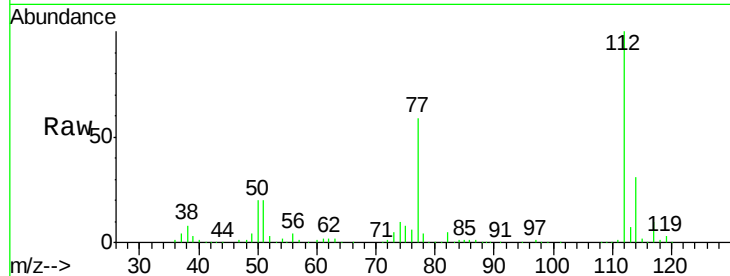




#65
Chlorobenzene
Concen: 49.207 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VY002094.D
Acq: 27 Mar 2020 10:37

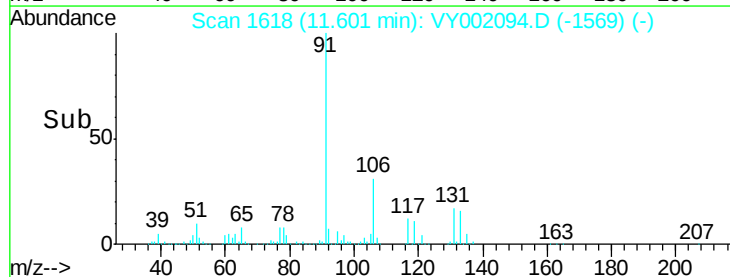
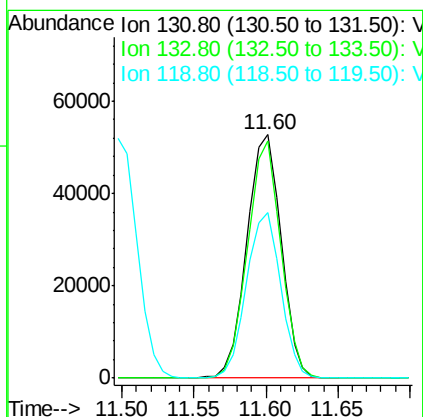
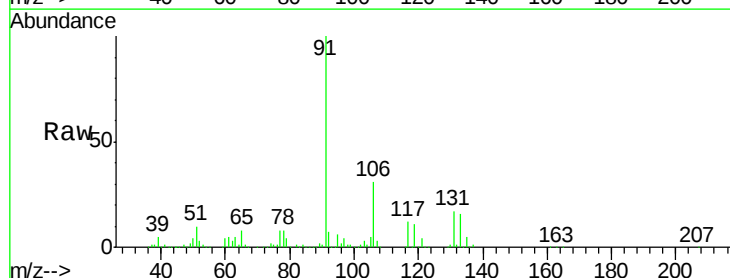
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

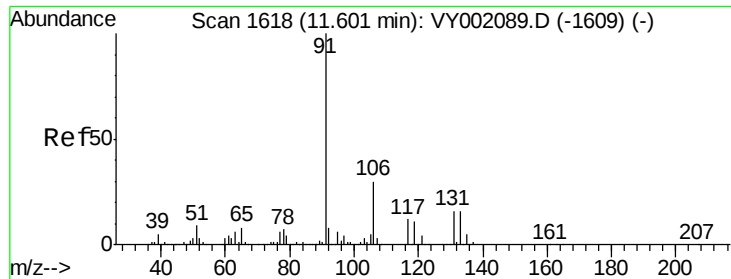
Tgt Ion:112 Resp: 255102
Ion Ratio Lower Upper
112 100
114 31.5 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 50.165 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY002094.D
Acq: 27 Mar 2020 10:37

Tgt Ion:131 Resp: 87007
Ion Ratio Lower Upper
131 100
133 94.5 47.5 142.5
119 67.7 34.6 103.9

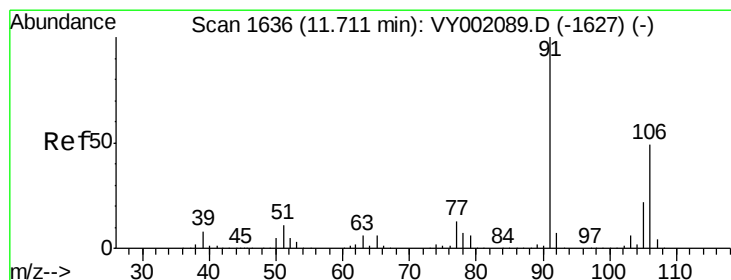
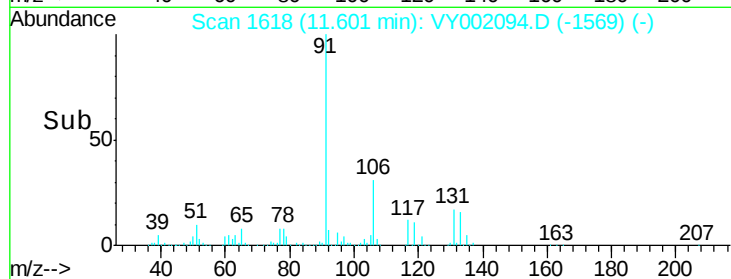
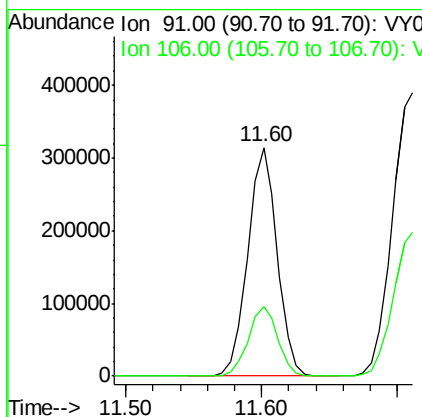
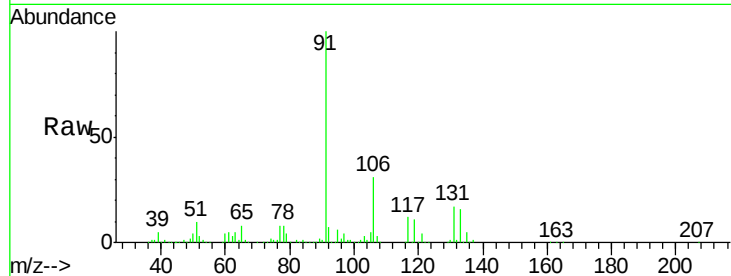




#67
Ethyl Benzene
Concen: 49.180 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY002094.D
Acq: 27 Mar 2020 10:37

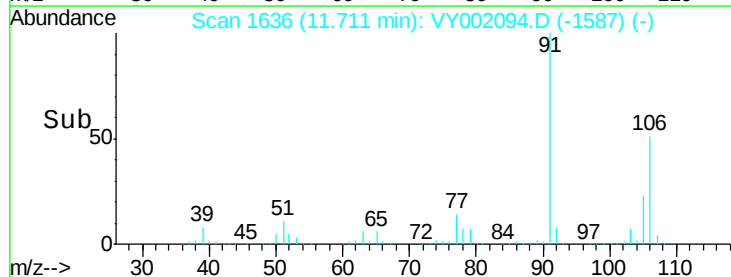
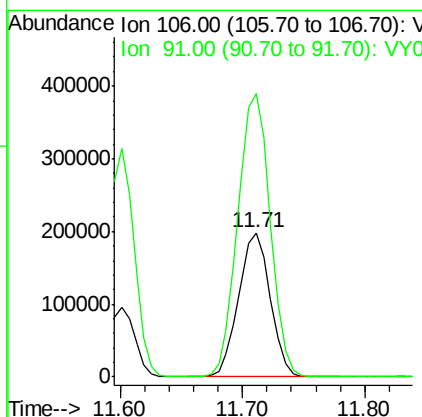
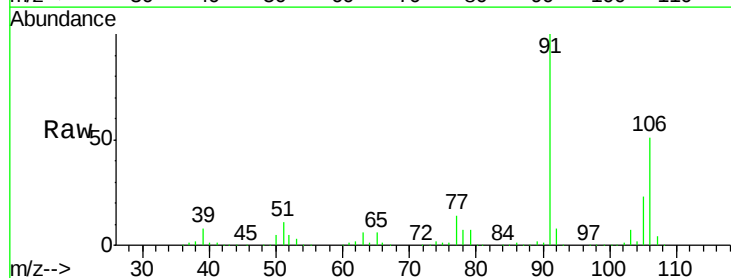
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

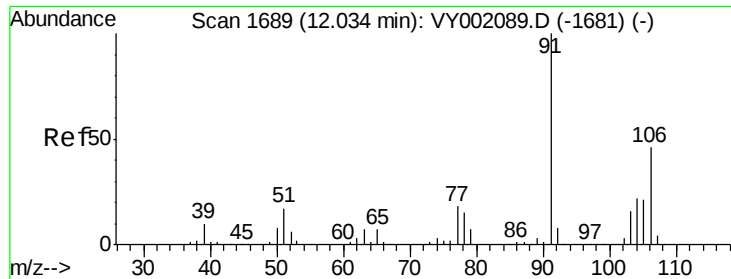
Tgt Ion: 91 Resp: 473535
Ion Ratio Lower Upper
91 100
106 30.5 24.1 36.1



#68
m/p-Xylenes
Concen: 99.520 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VY002094.D
Acq: 27 Mar 2020 10:37

Tgt Ion: 106 Resp: 354300
Ion Ratio Lower Upper
106 100
91 201.3 162.8 244.2

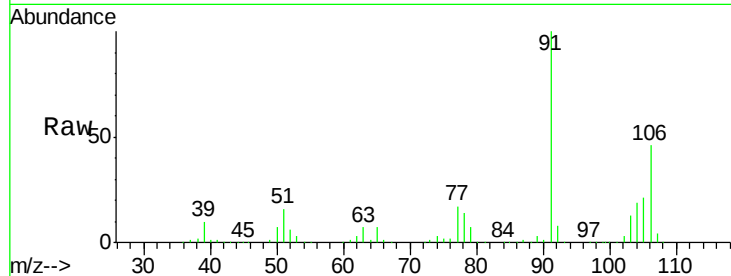




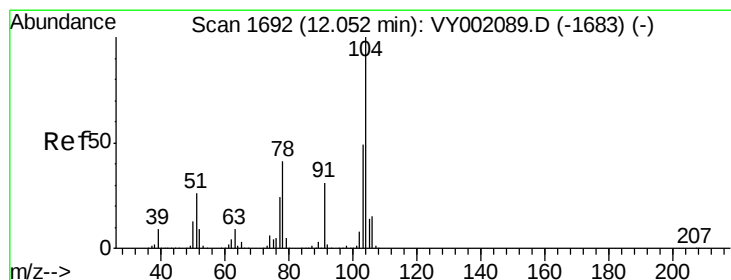
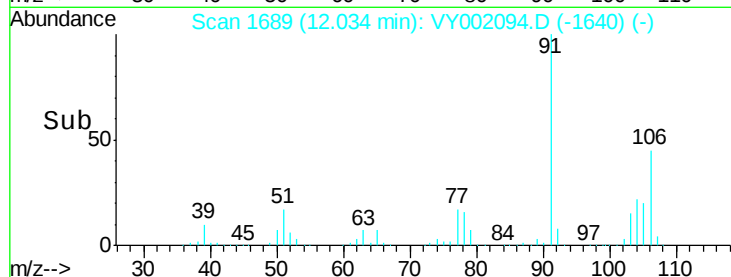
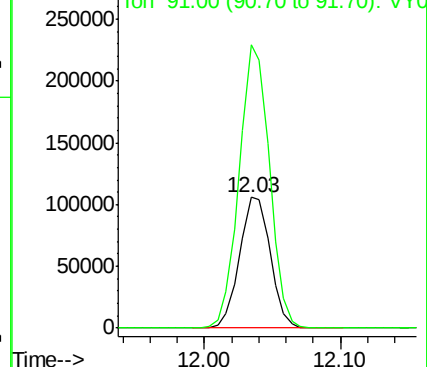
#69
o-Xylene
Concen: 49.487 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VY002094.D
Acq: 27 Mar 2020 10:37

Instrument :
MSVOA_Y
ClientSampled :
VSTDCCC050

Tgt Ion:106 Resp: 167122
Ion Ratio Lower Upper
106 100
91 213.2 107.3 321.8

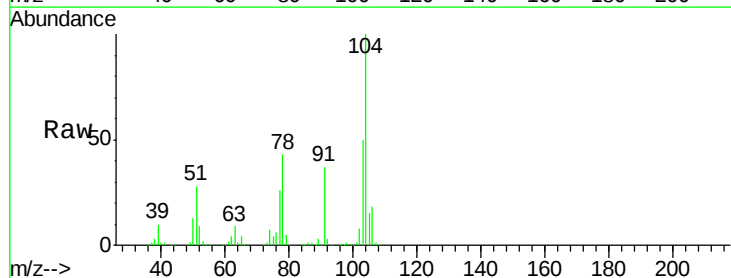


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

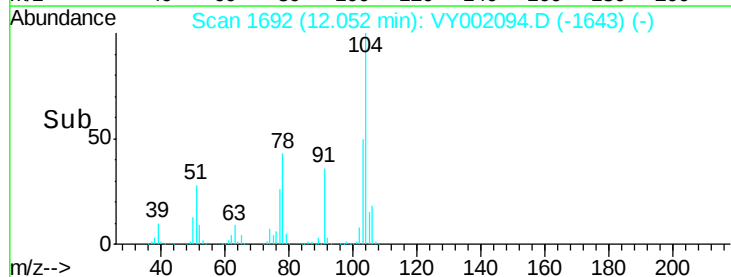
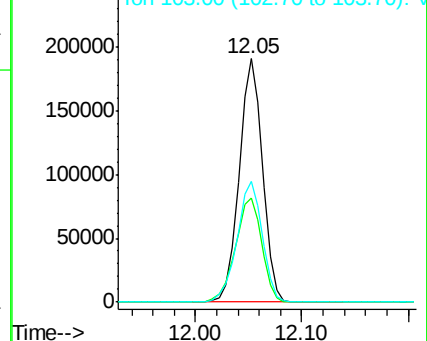


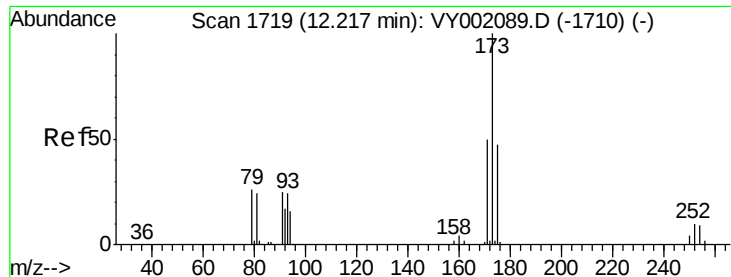
#70
Styrene
Concen: 50.029 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VY002094.D
Acq: 27 Mar 2020 10:37

Tgt Ion:104 Resp: 292763
Ion Ratio Lower Upper
104 100
78 48.2 37.9 56.9
103 53.8 43.2 64.8



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VY0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 51.690 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. 0.00 min

Lab File: VY002094.D

Acq: 27 Mar 2020 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

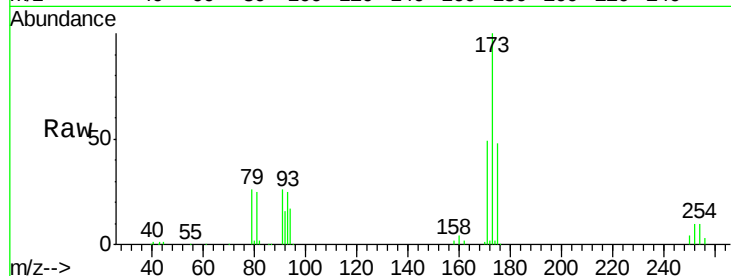
Tgt Ion:173 Resp: 49103

Ion Ratio Lower Upper

173 100

175 48.0 23.9 71.8

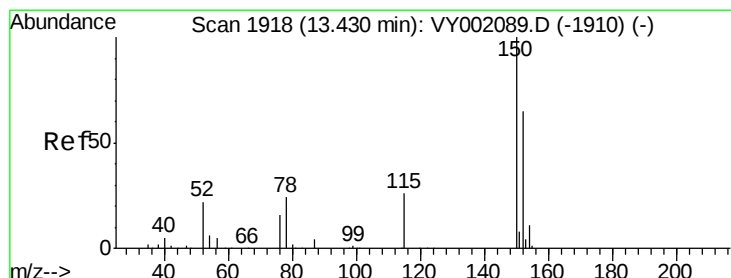
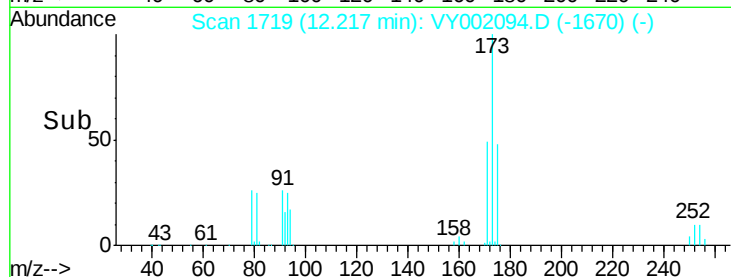
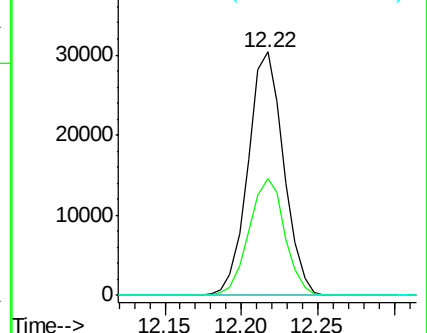
254 0.0 0.0 0.0



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: 13.44 min Scan# 1919

Delta R.T. 0.01 min

Lab File: VY002094.D

Acq: 27 Mar 2020 10:37

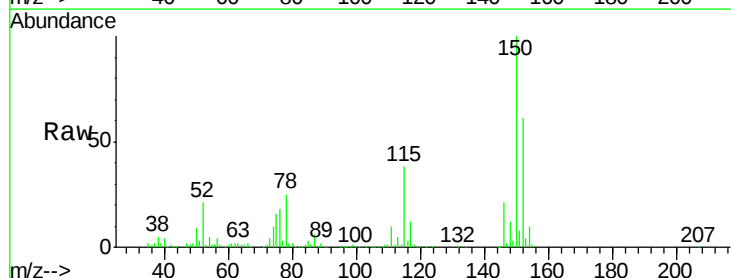
Tgt Ion:152 Resp: 123424

Ion Ratio Lower Upper

152 100

115 61.9 31.2 93.6

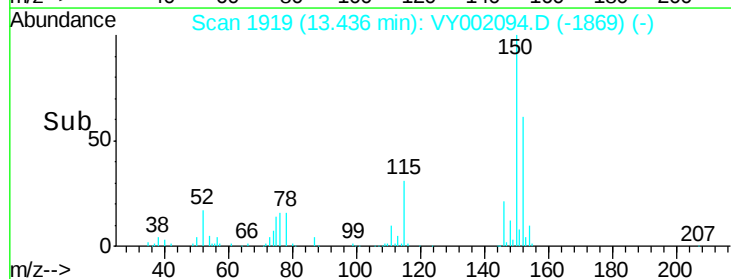
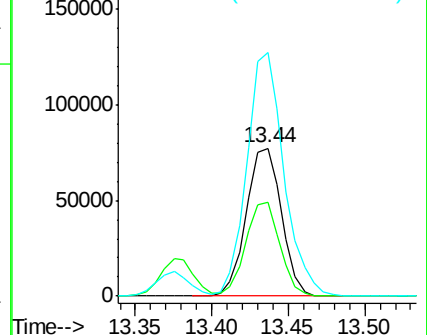
150 173.7 0.0 354.8

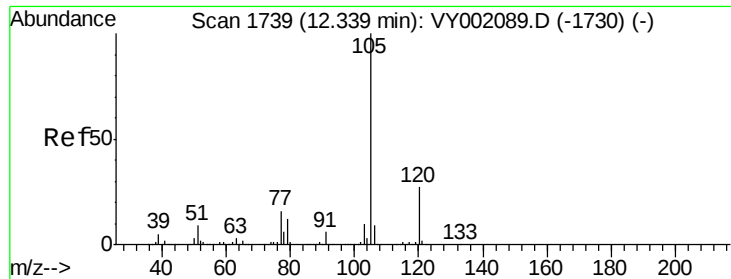


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.399 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VY002094.D

Acq: 27 Mar 2020 10:37

Instrument :

MSVOA_Y

ClientSampleId :

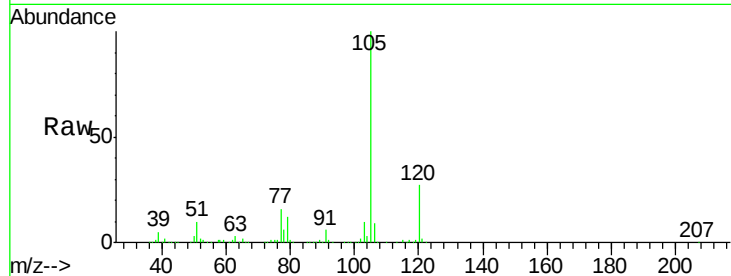
VSTDCCC050

Tgt Ion:105 Resp: 452278

Ion Ratio Lower Upper

105 100

120 26.4 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

300000

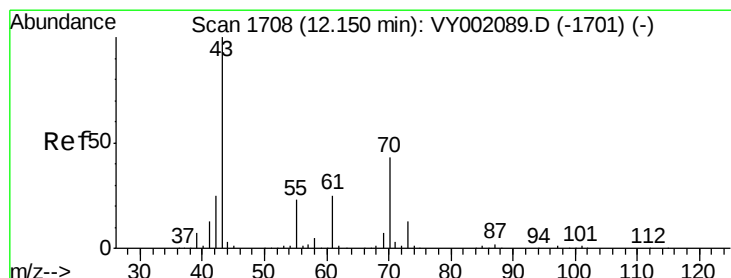
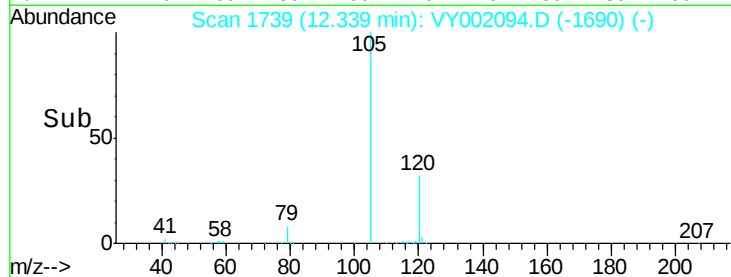
200000

100000

0

12.30 12.34 12.40

Time-->



#74

N-ethyl acetate

Concen: 50.612 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. 0.00 min

Lab File: VY002094.D

Acq: 27 Mar 2020 10:37

Tgt Ion: 43 Resp: 146149

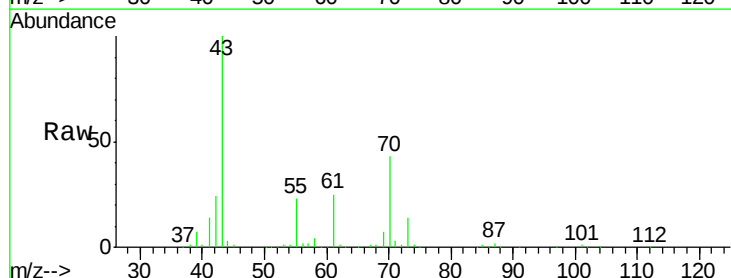
Ion Ratio Lower Upper

43 100

70 43.3 35.0 52.4

55 23.2 18.7 28.1

61 25.1 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

150000

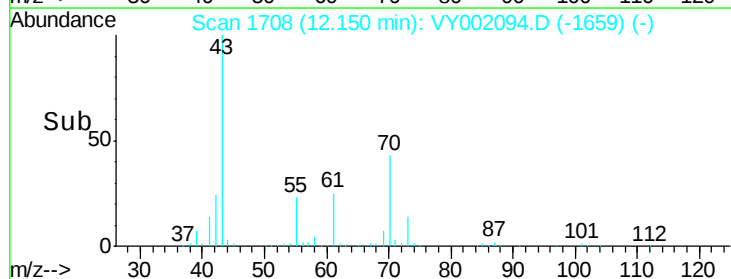
100000

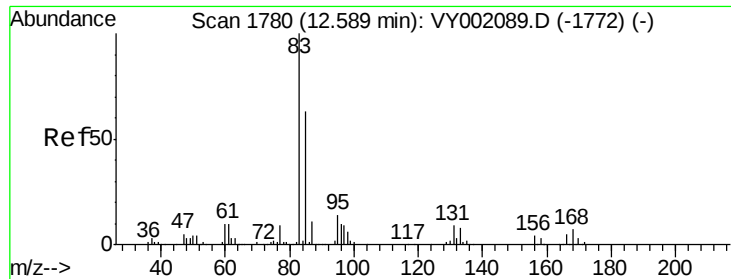
50000

0

12.10 12.15 12.20

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 51.163 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. 0.00 min

Lab File: VY002094.D

Acq: 27 Mar 2020 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

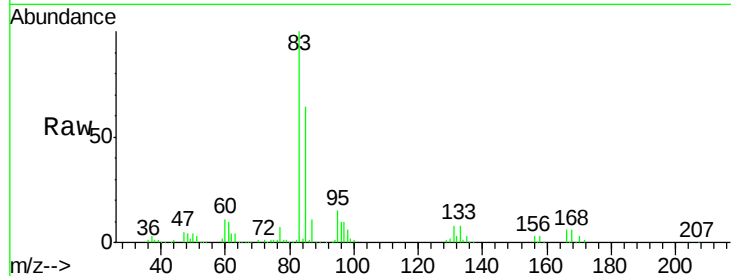
Tgt Ion: 83 Resp: 100800

Ion Ratio Lower Upper

83 100

131 8.7 4.7 14.1

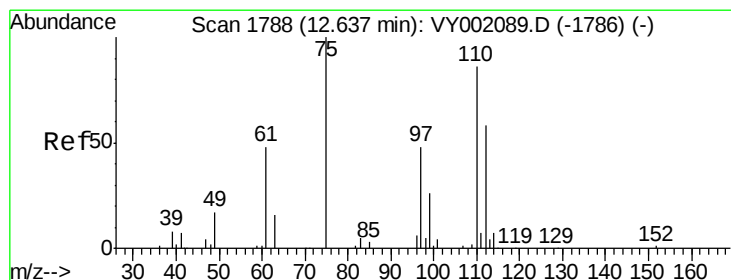
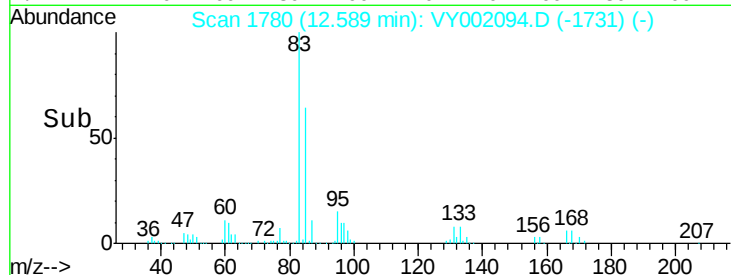
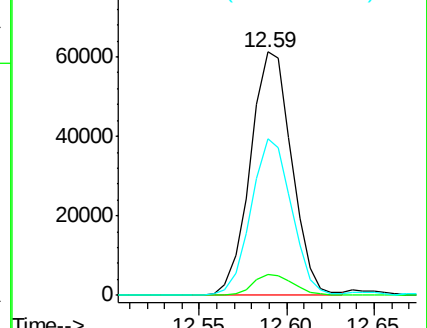
85 63.0 32.4 97.0



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: 94.014 ug/l

RT: 12.64 min Scan# 1789

Delta R.T. 0.01 min

Lab File: VY002094.D

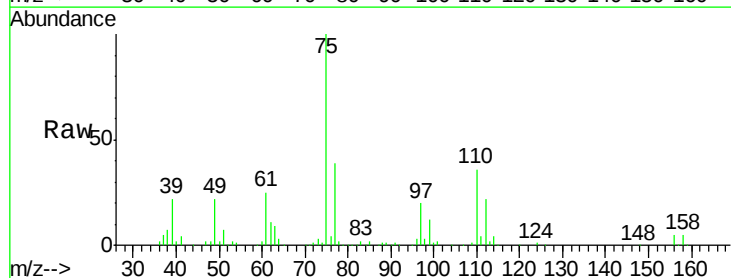
Acq: 27 Mar 2020 10:37

Tgt Ion: 75 Resp: 129797

Ion Ratio Lower Upper

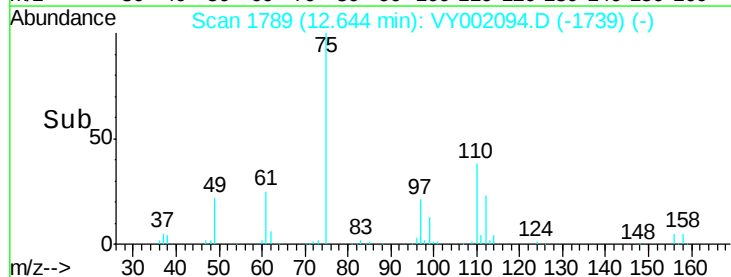
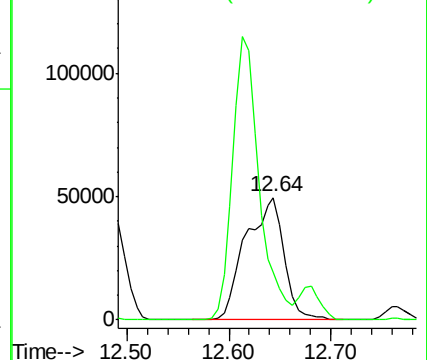
75 100

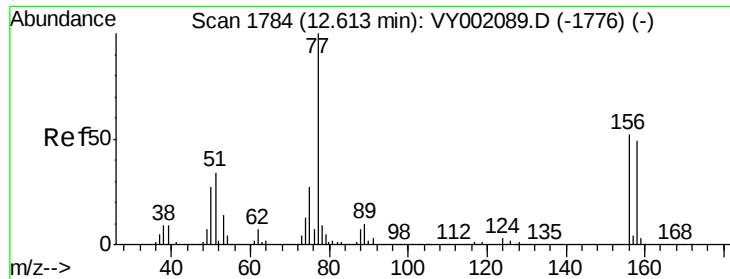
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 49.313 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.01 min

Lab File: VY002094.D

Acq: 27 Mar 2020 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

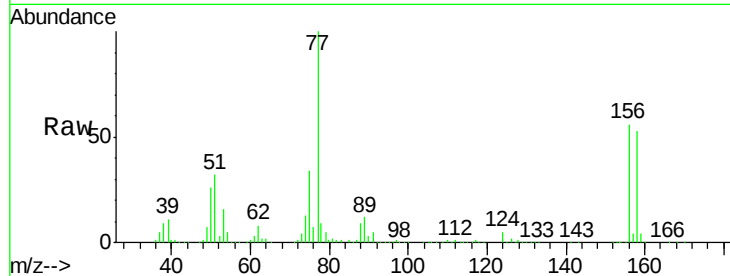
Tgt Ion:156 Resp: 96381

Ion Ratio Lower Upper

156 100

77 215.9 107.8 323.6

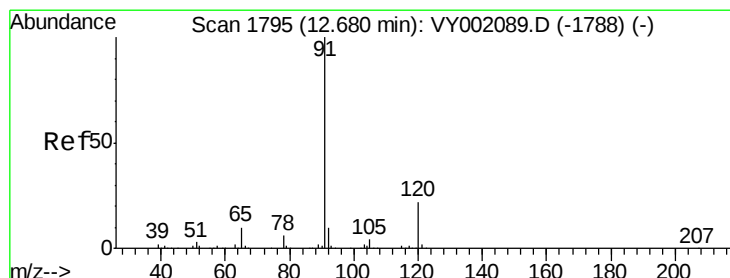
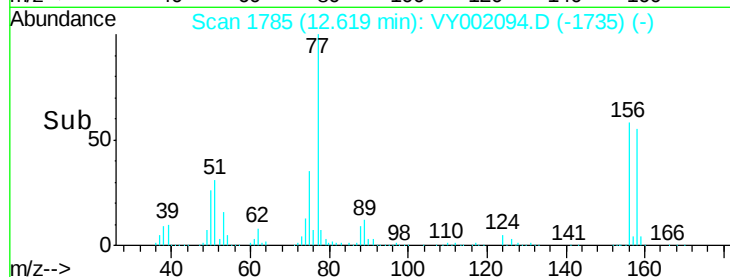
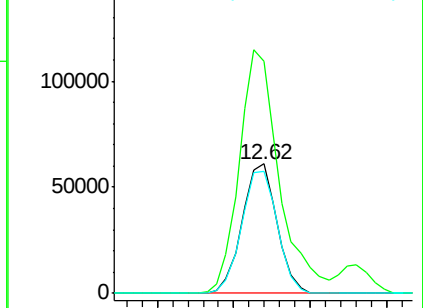
158 97.4 47.5 142.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.066 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VY002094.D

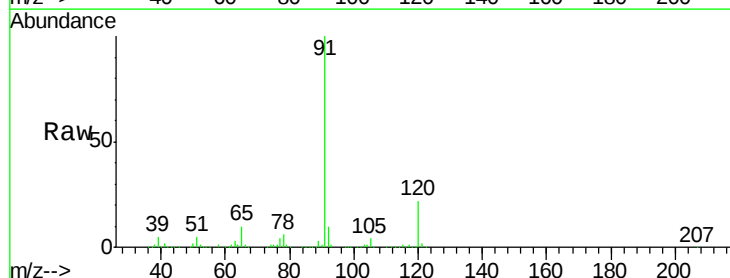
Acq: 27 Mar 2020 10:37

Tgt Ion: 91 Resp: 557488

Ion Ratio Lower Upper

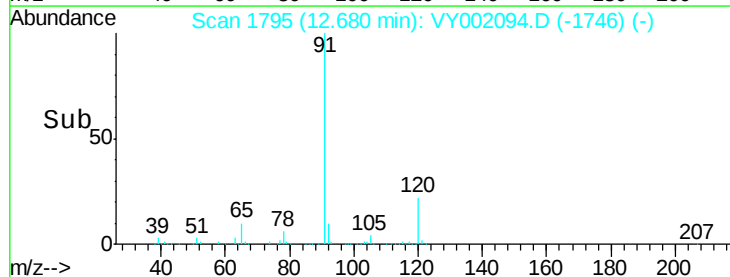
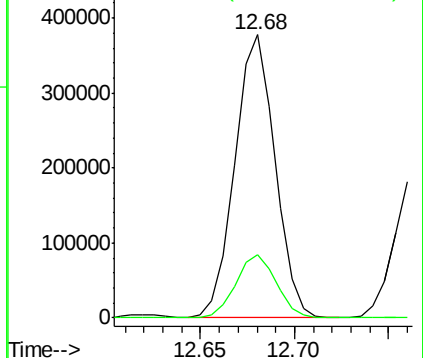
91 100

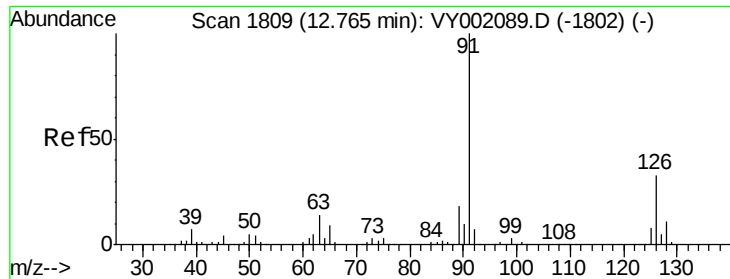
120 22.4 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

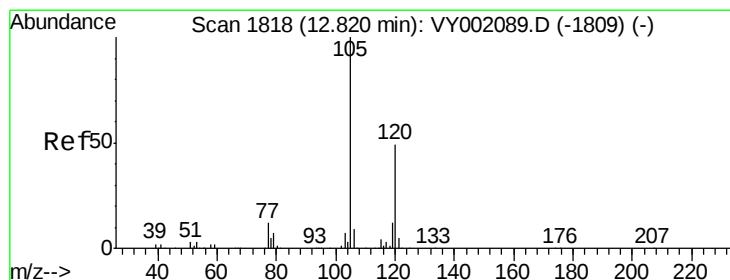
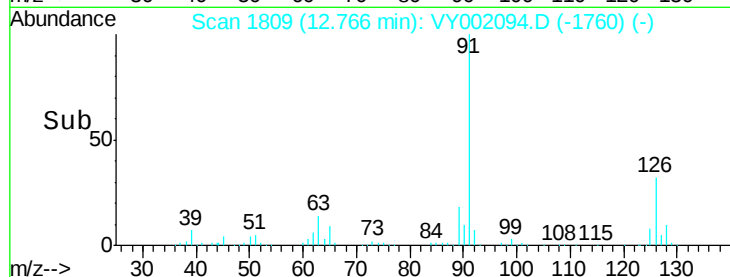
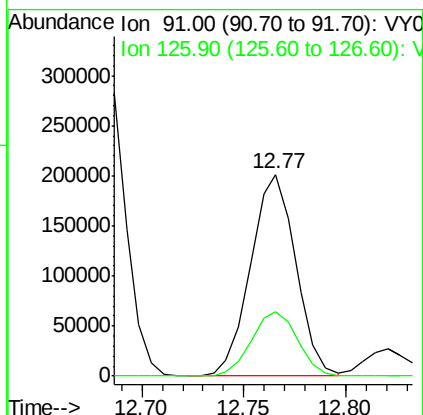
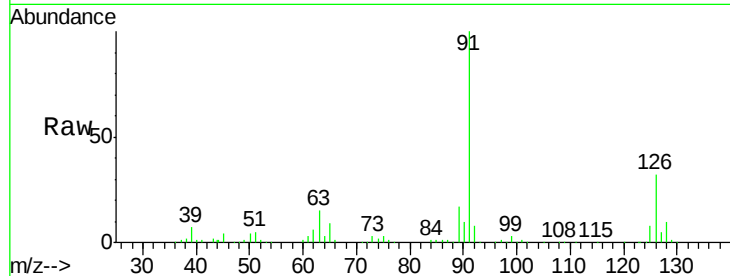




#79
2-Chlorotoluene
Concen: 49.647 ug/l
RT: 12.77 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VY002094.D
Acq: 27 Mar 2020 10:37

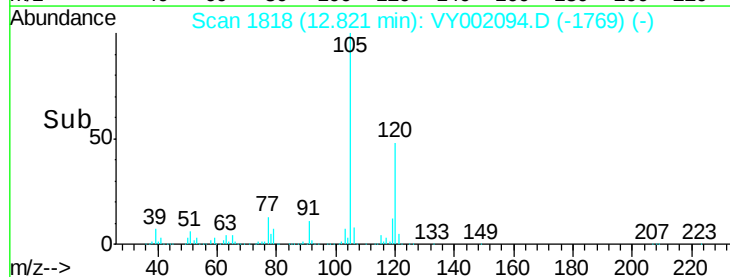
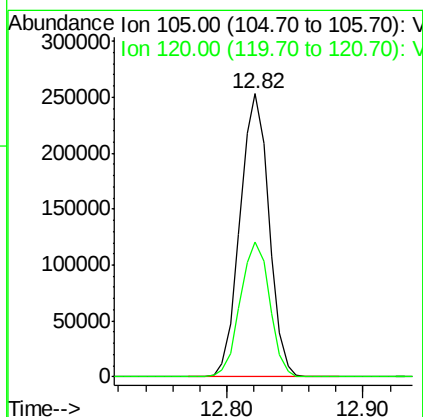
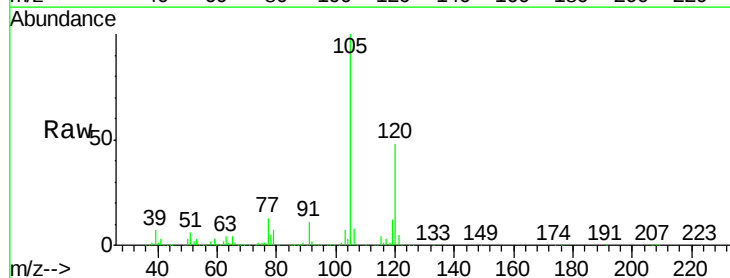
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

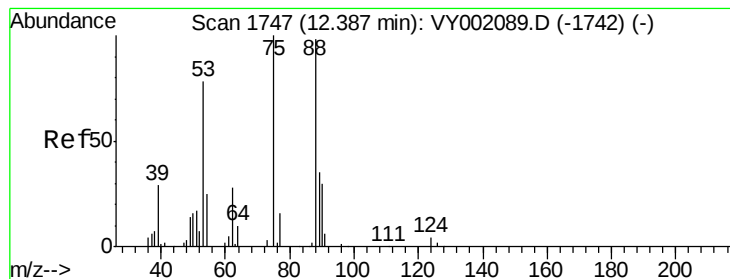
Tgt Ion: 91 Resp: 309716
Ion Ratio Lower Upper
91 100
126 32.7 16.4 49.1



#80
1,3,5-Trimethylbenzene
Concen: 49.725 ug/l
RT: 12.82 min Scan# 1818
Delta R.T. 0.00 min
Lab File: VY002094.D
Acq: 27 Mar 2020 10:37

Tgt Ion: 105 Resp: 375609
Ion Ratio Lower Upper
105 100
120 48.7 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 52.458 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VY002094.D

Acq: 27 Mar 2020 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

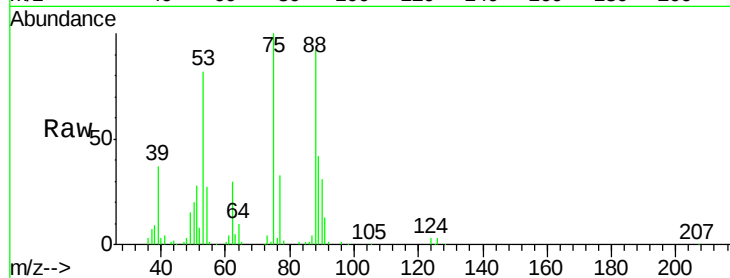
Tgt Ion: 75 Resp: 37383

Ion Ratio Lower Upper

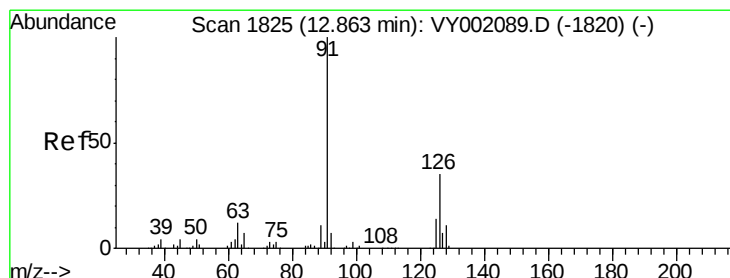
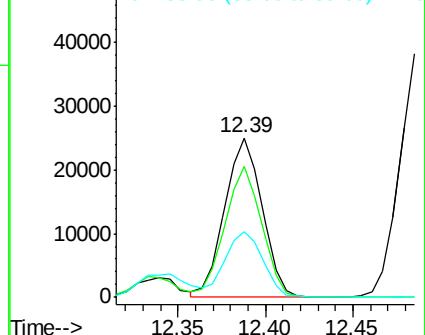
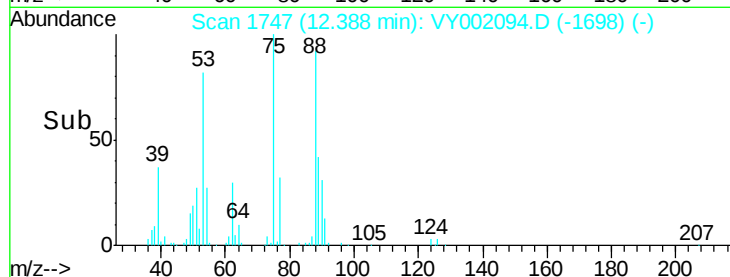
75 100

53 81.1 65.0 97.4

89 41.6 33.4 50.0



Abundance Ion 74.90 (74.60 to 75.60): VY002094.D (-1698) (-)



#82

4-Chlorotoluene

Concen: 49.318 ug/l

RT: 12.86 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VY002094.D

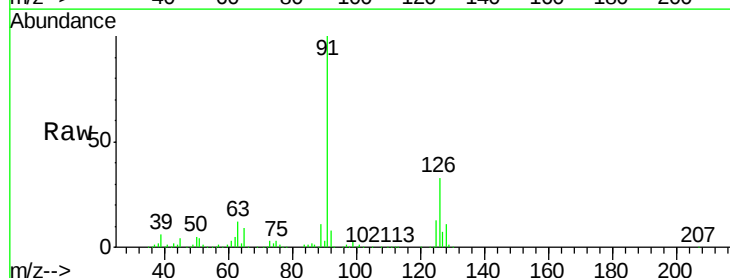
Acq: 27 Mar 2020 10:37

Tgt Ion: 91 Resp: 324206

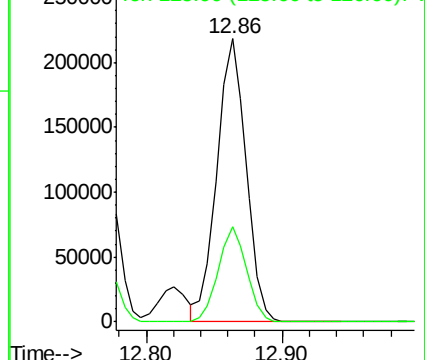
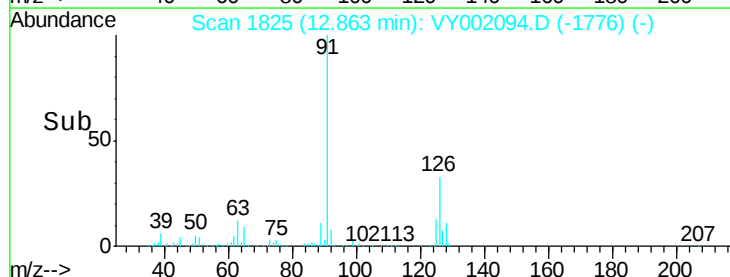
Ion Ratio Lower Upper

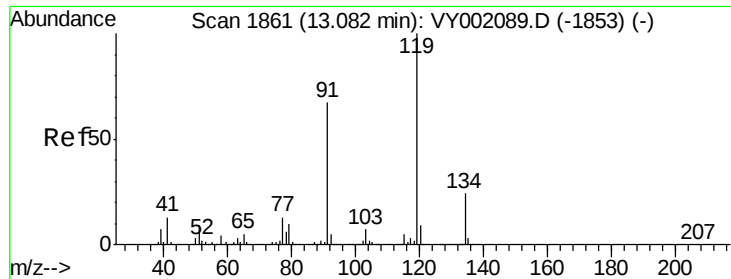
91 100

126 32.8 16.3 48.9



Abundance Ion 91.00 (90.70 to 91.70): VY002094.D (-1776) (-)

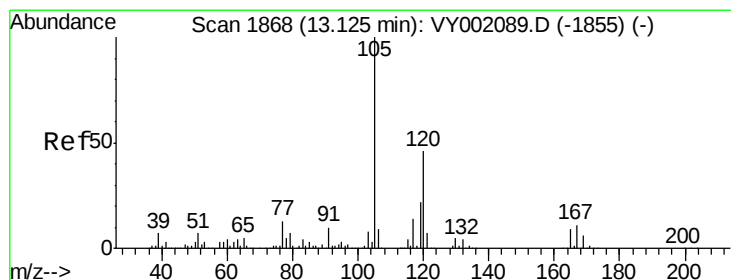
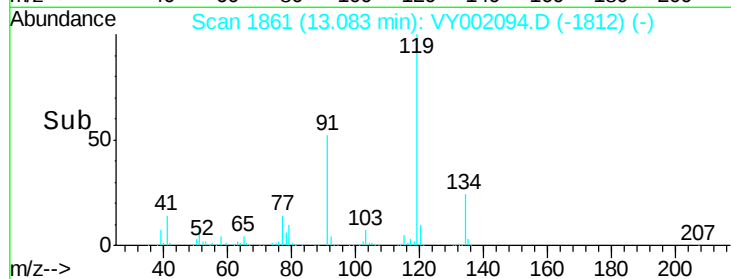
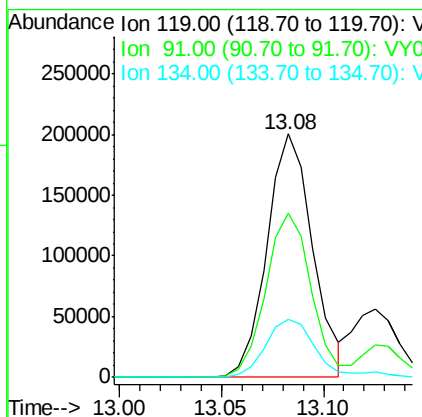
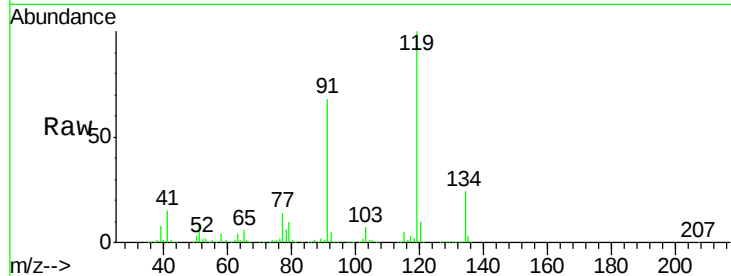




#83
 tert-Butylbenzene
 Concen: 49.608 ug/l
 RT: 13.08 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VY002094.D
 Acq: 27 Mar 2020 10:37

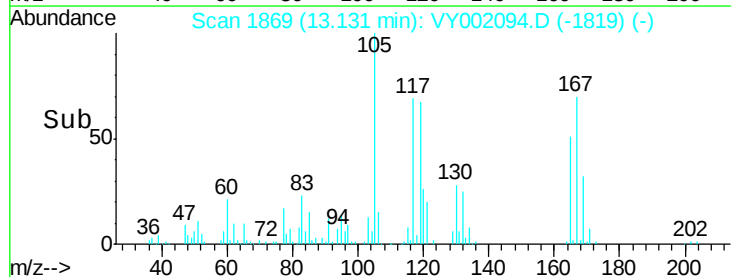
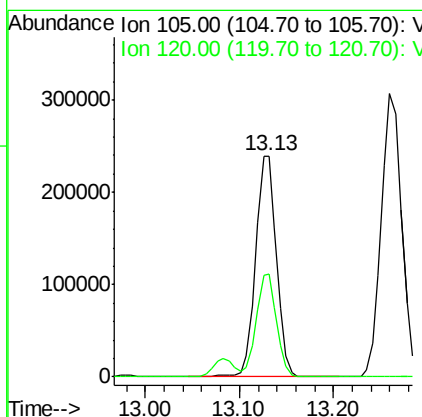
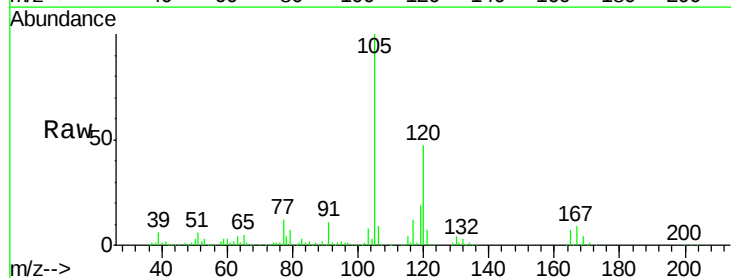
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

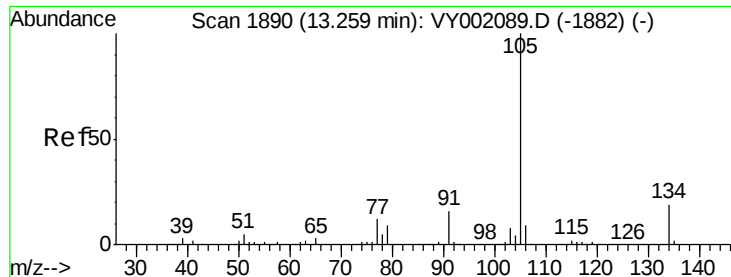
Tgt Ion:119 Resp: 312789
 Ion Ratio Lower Upper
 119 100
 91 67.6 32.9 98.6
 134 26.7 13.0 38.9



#84
 1,2,4-Trimethylbenzene
 Concen: 49.560 ug/l
 RT: 13.13 min Scan# 1869
 Delta R.T. 0.01 min
 Lab File: VY002094.D
 Acq: 27 Mar 2020 10:37

Tgt Ion:105 Resp: 373516
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.9 68.5





#85

sec-Butylbenzene

Concen: 49.731 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VY002094.D

Acq: 27 Mar 2020 10:37

Instrument :

MSVOA_Y

ClientSampleId :

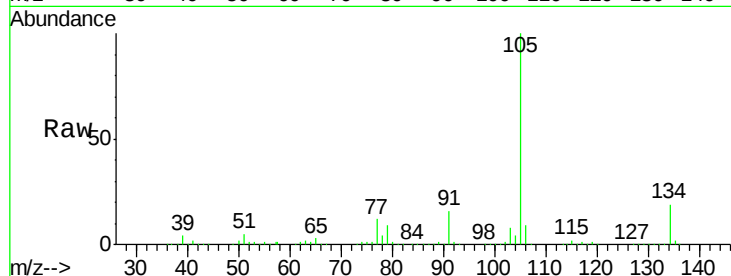
VSTDCCC050

Tgt Ion:105 Resp: 464440

Ion Ratio Lower Upper

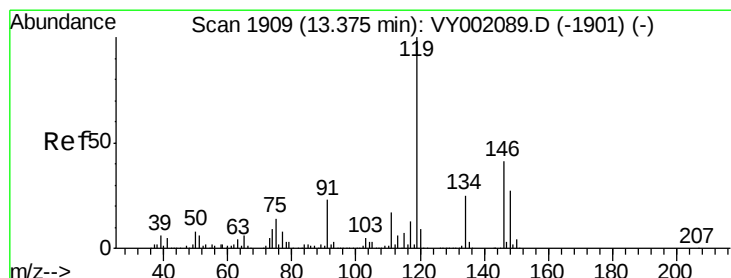
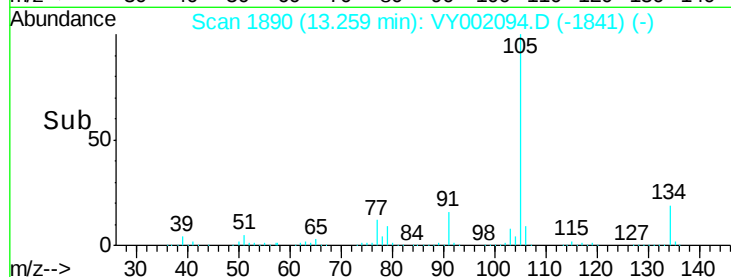
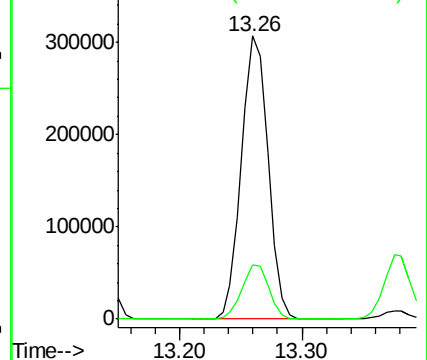
105 100

134 19.3 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.811 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. 0.00 min

Lab File: VY002094.D

Acq: 27 Mar 2020 10:37

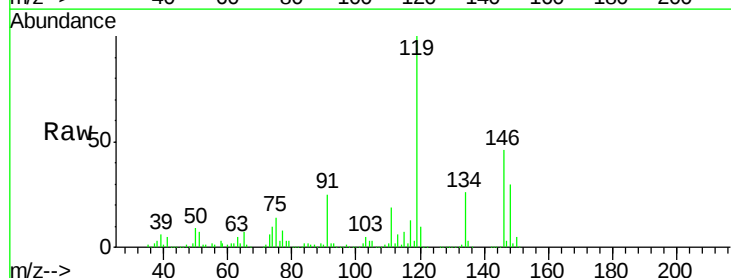
Tgt Ion:119 Resp: 399478

Ion Ratio Lower Upper

119 100

134 26.2 13.1 39.3

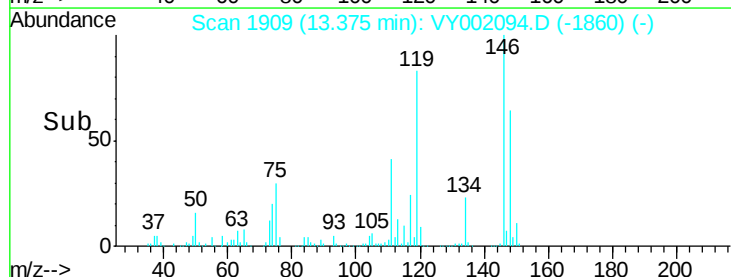
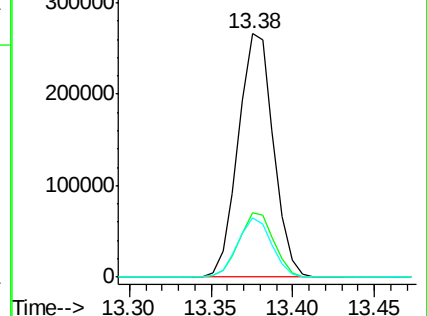
91 23.8 11.8 35.3

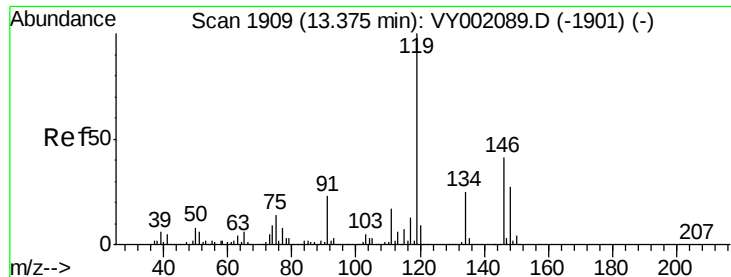


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

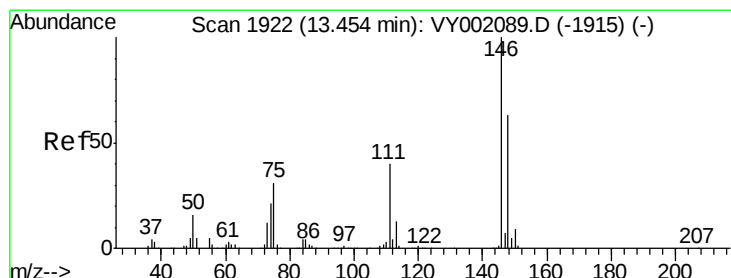
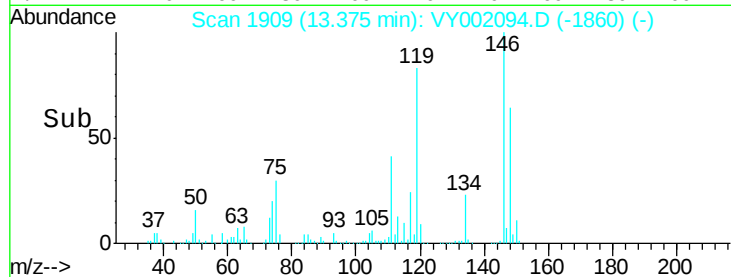
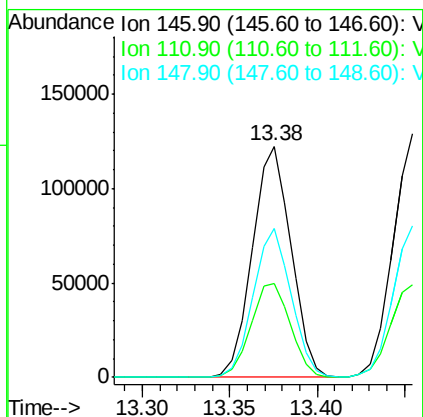
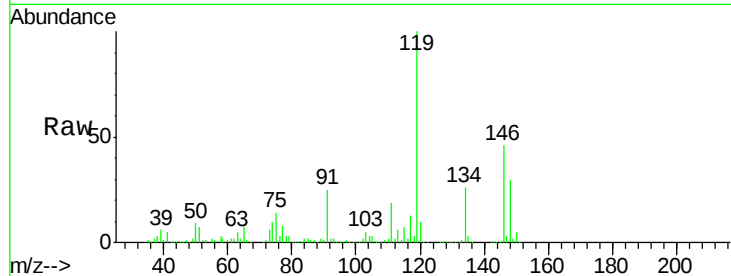




#87
 1,3-Dichlorobenzene
 Concen: 49.135 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. 0.00 min
 Lab File: VY002094.D
 Acq: 27 Mar 2020 10:37

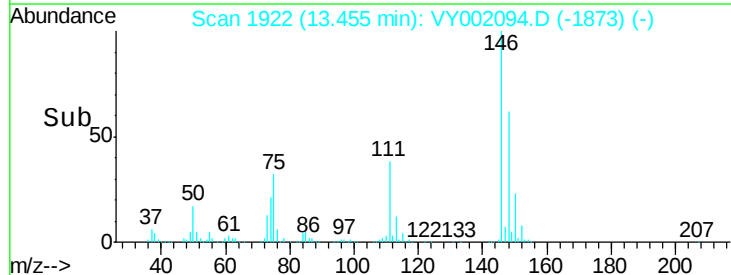
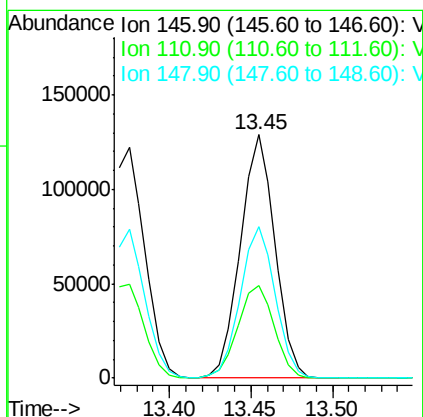
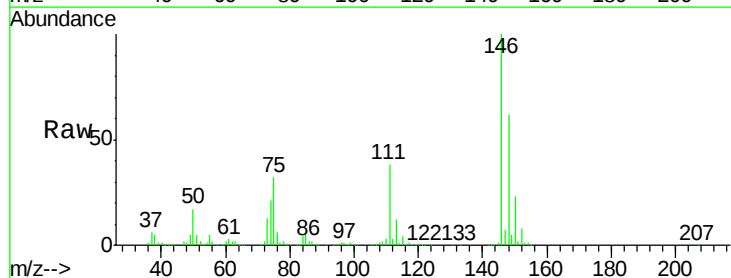
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

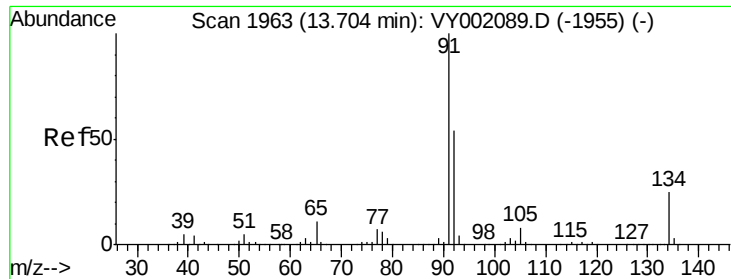
Tgt Ion:146 Resp: 187868
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.9 62.8
 148 63.0 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 49.587 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VY002094.D
 Acq: 27 Mar 2020 10:37

Tgt Ion:146 Resp: 190787
 Ion Ratio Lower Upper
 146 100
 111 40.3 20.3 60.9
 148 62.6 31.5 94.5

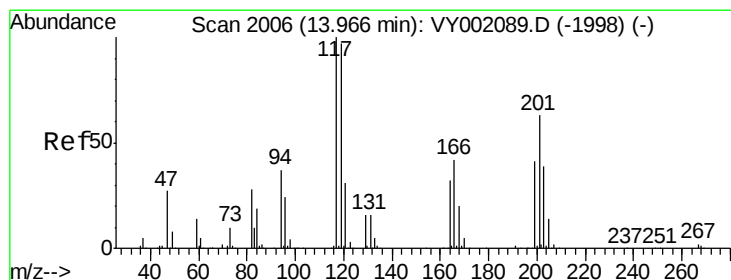
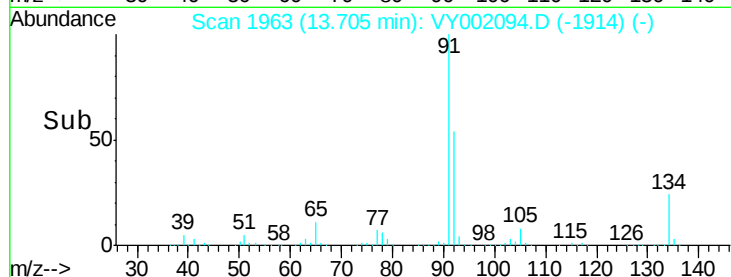
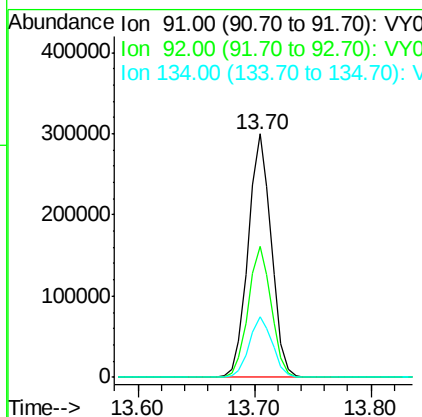
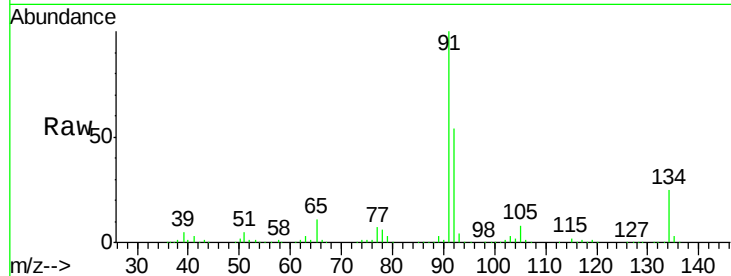




#89
n-Butylbenzene
Concen: 49.618 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VY002094.D
Acq: 27 Mar 2020 10:37

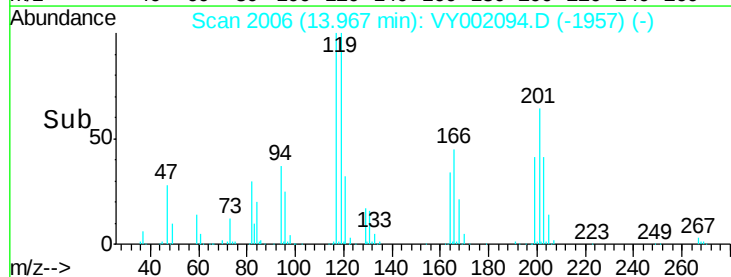
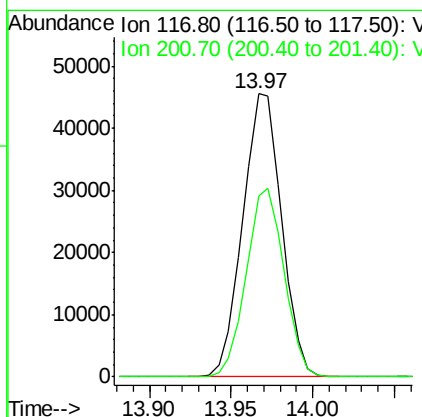
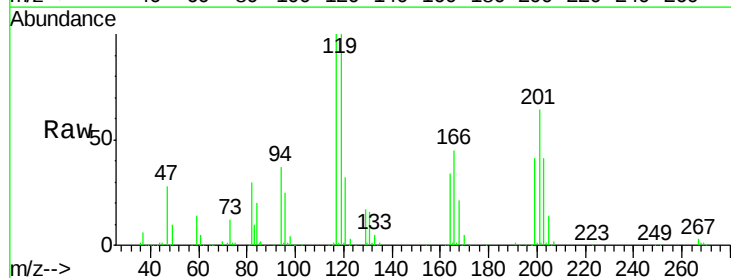
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

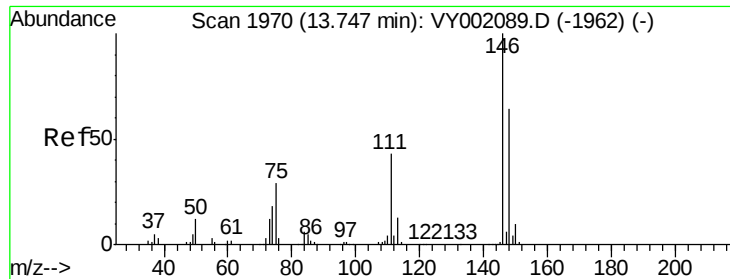
Tgt Ion: 91 Resp: 414613
Ion Ratio Lower Upper
91 100
92 53.9 27.0 81.0
134 24.9 12.3 36.8



#90
Hexachloroethane
Concen: 50.067 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. 0.00 min
Lab File: VY002094.D
Acq: 27 Mar 2020 10:37

Tgt Ion: 117 Resp: 75661
Ion Ratio Lower Upper
117 100
201 64.9 31.6 94.8

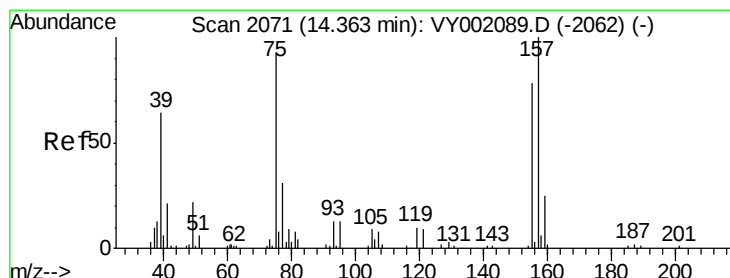
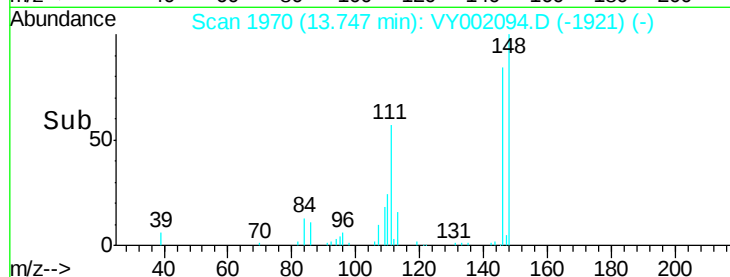
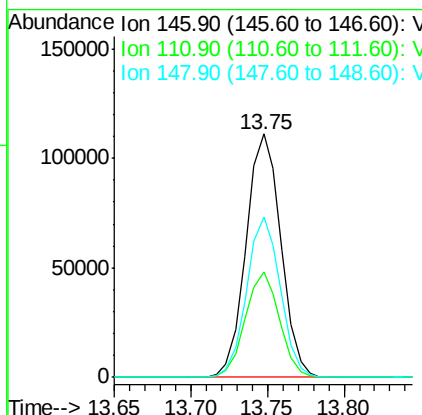
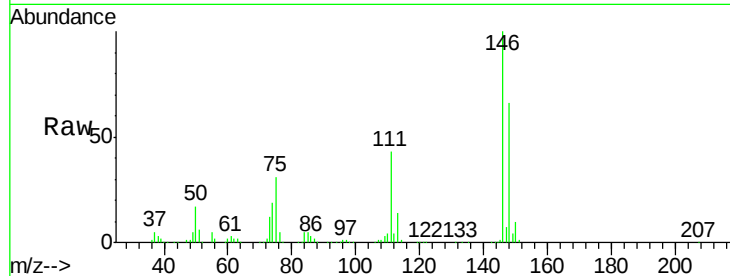




#91
 1,2-Dichlorobenzene
 Concen: 49.565 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: VY002094.D
 Acq: 27 Mar 2020 10:37

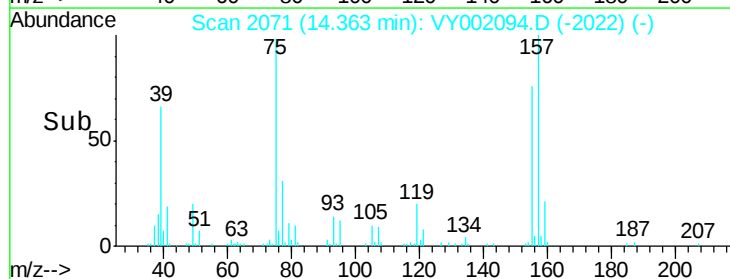
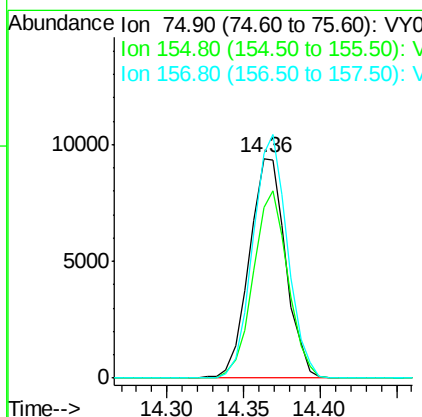
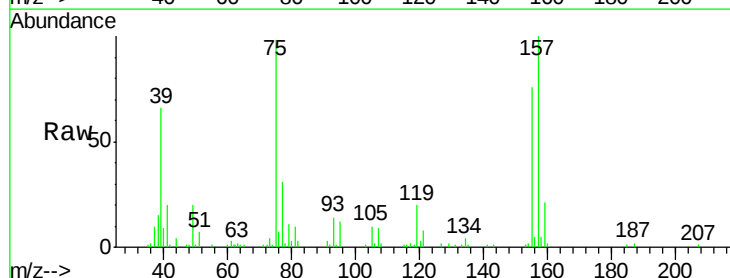
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

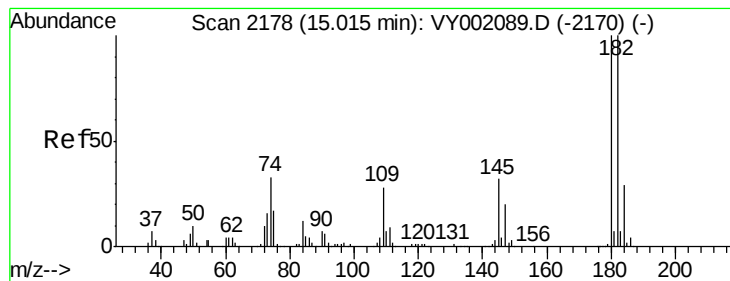
Tgt Ion: 146 Resp: 175011
 Ion Ratio Lower Upper
 146 100
 111 42.5 21.3 63.7
 148 63.8 31.8 95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.301 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VY002094.D
 Acq: 27 Mar 2020 10:37

Tgt Ion: 75 Resp: 15559
 Ion Ratio Lower Upper
 75 100
 155 81.1 41.6 124.9
 157 105.1 53.4 160.3





#93

1,2,4-Trichlorobenzene

Concen: 49.278 ug/l

RT: 15.02 min Scan# 2178

Delta R.T. 0.00 min

Lab File: VY002094.D

Acq: 27 Mar 2020 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

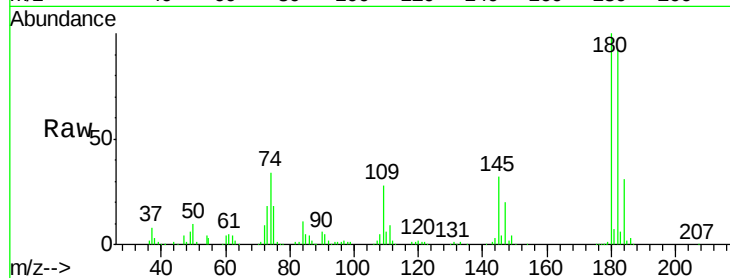
Tgt Ion:180 Resp: 112150

Ion Ratio Lower Upper

180 100

182 93.9 48.1 144.3

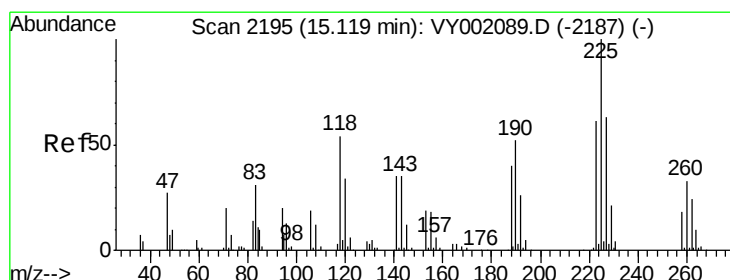
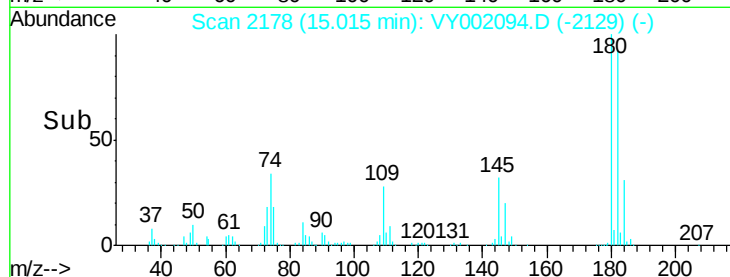
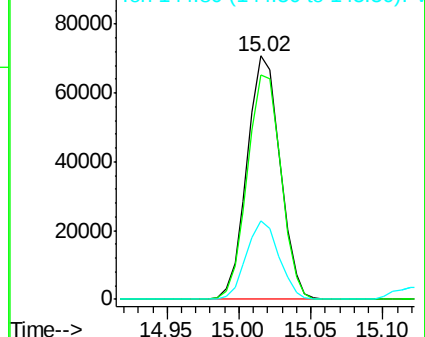
145 31.7 15.9 47.6



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: 48.471 ug/l

RT: 15.12 min Scan# 2195

Delta R.T. 0.00 min

Lab File: VY002094.D

Acq: 27 Mar 2020 10:37

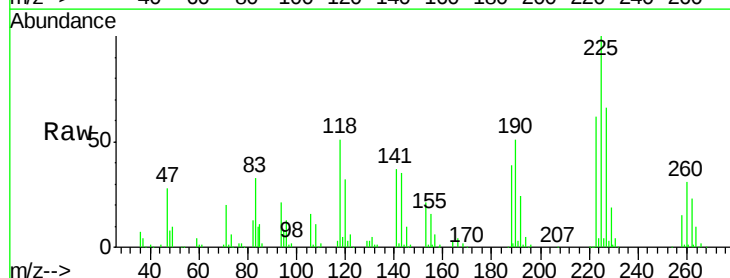
Tgt Ion:225 Resp: 54452

Ion Ratio Lower Upper

225 100

223 63.4 31.1 93.3

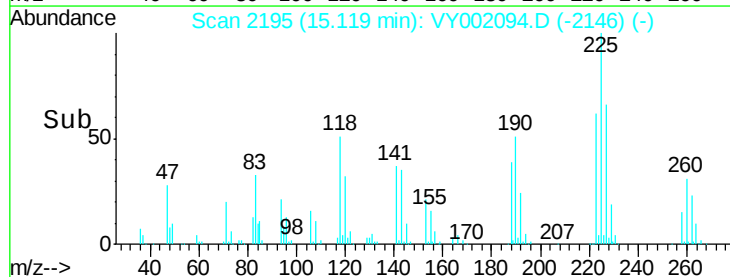
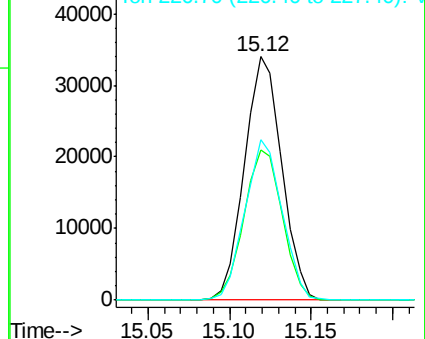
227 65.3 31.6 94.7

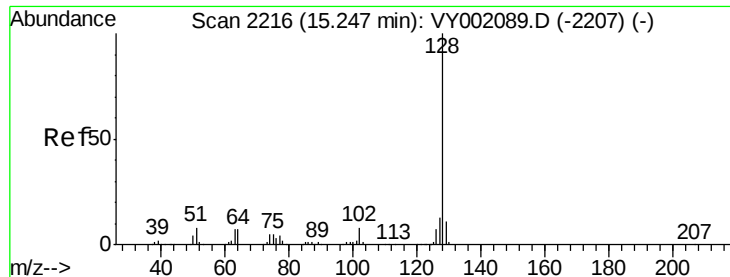


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

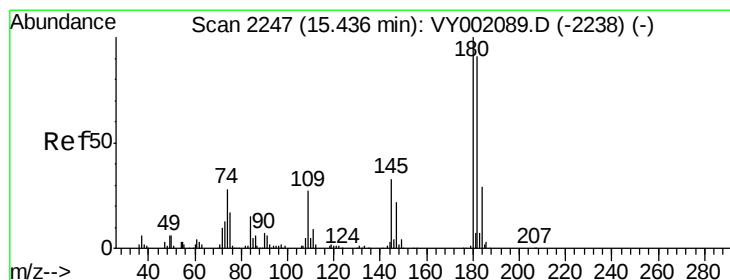
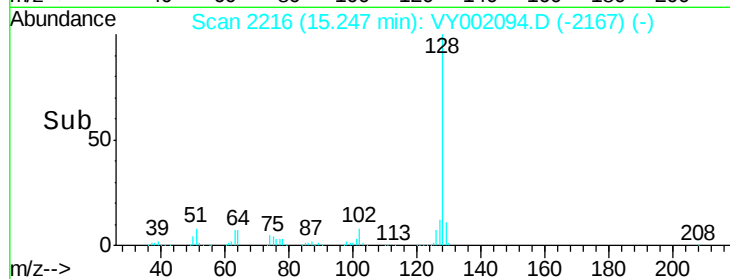
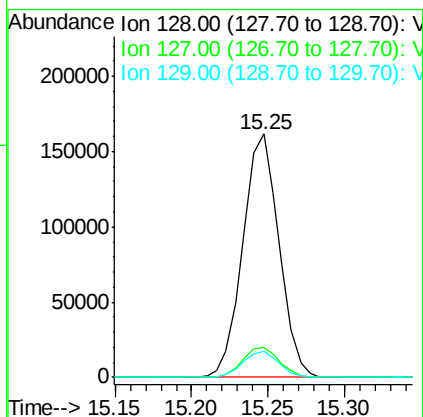
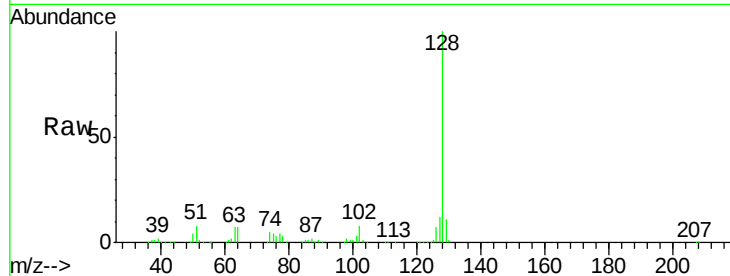




#95
Naphthalene
Concen: 49.162 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. 0.00 min
Lab File: VY002094.D
Acq: 27 Mar 2020 10:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 265748
Ion Ratio Lower Upper
128 100
127 12.6 9.8 14.8
129 10.7 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 48.619 ug/l
RT: 15.44 min Scan# 2247
Delta R.T. 0.00 min
Lab File: VY002094.D
Acq: 27 Mar 2020 10:37

Tgt Ion:180 Resp: 100341
Ion Ratio Lower Upper
180 100
182 94.7 46.8 140.3
145 33.2 16.7 50.1

