

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 :
 BFB

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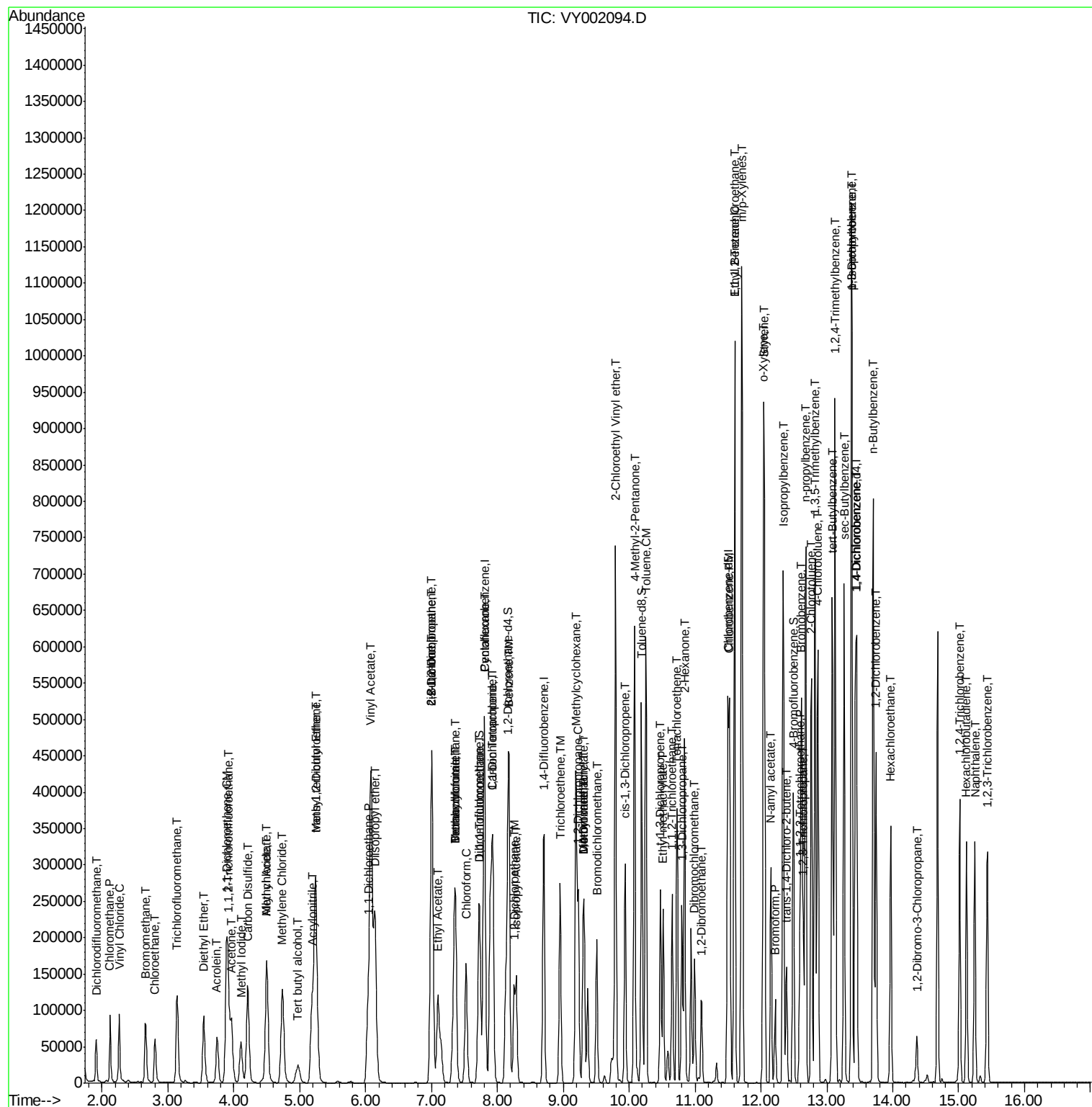
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	112150	49.278	ug/l	98
94) Hexachlorobutadiene	15.12	225	54452	48.471	ug/l	98
95) Naphthalene	15.25	128	265748	49.162	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	100341	48.619	ug/l	99

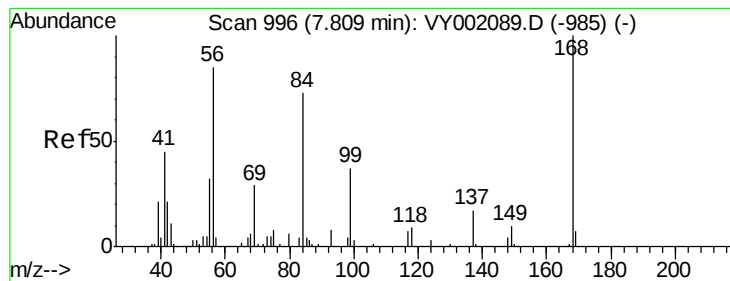
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY032720\
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#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

ClientSampled :

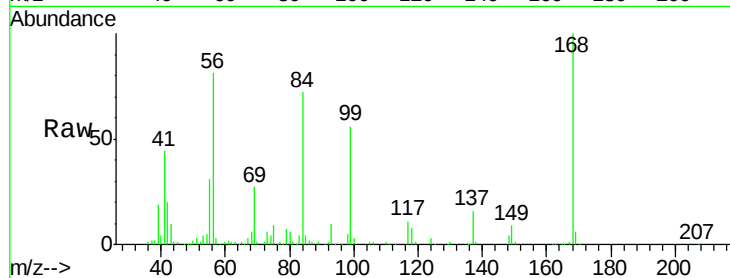
BFB

Tgt Ion:168 Resp: 163838

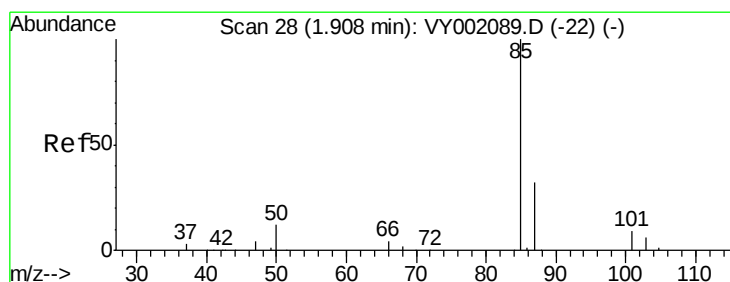
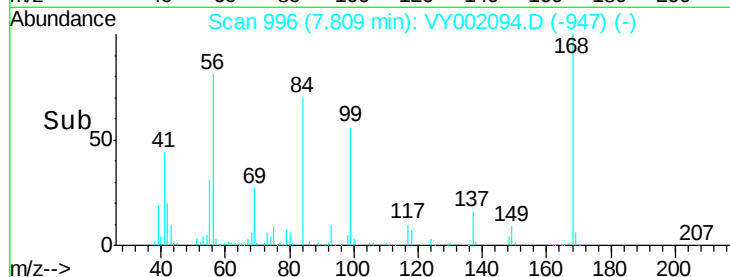
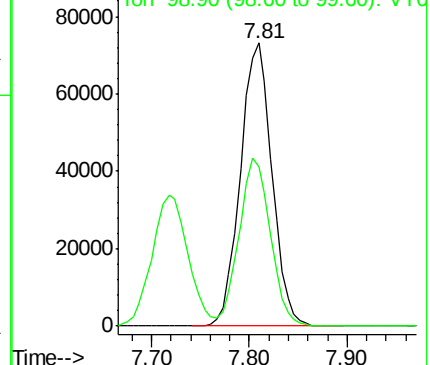
Ion Ratio Lower Upper

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

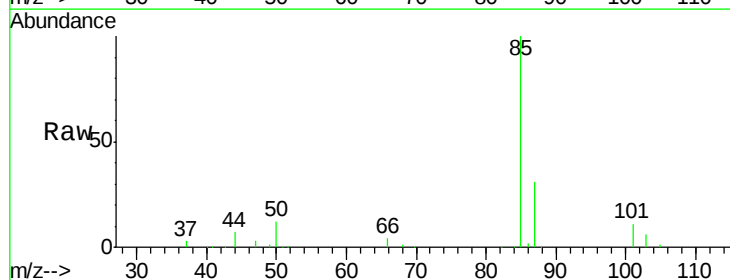
Acq: 27 Mar 2020 10:37

Tgt Ion: 85 Resp: 49028

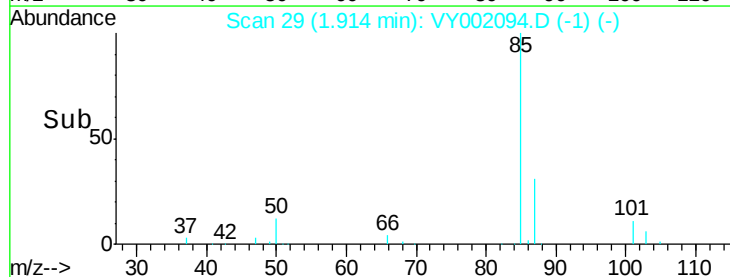
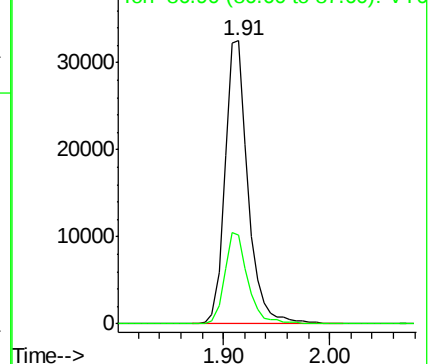
Ion Ratio Lower Upper

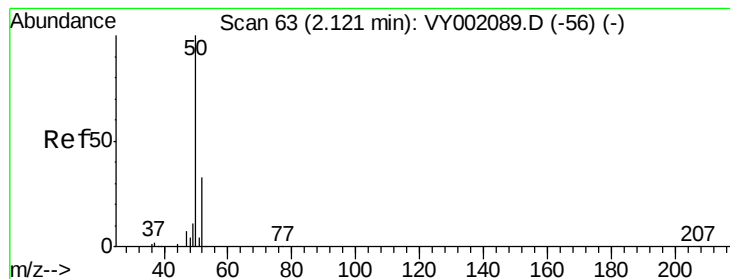
85 100

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 :

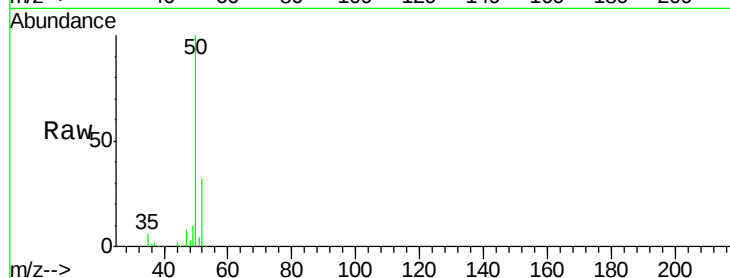
BFB

Tgt Ion: 50 Resp: 81536

Ion Ratio Lower Upper

50 100

52 32.3 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0

2.12

60000

50000

40000

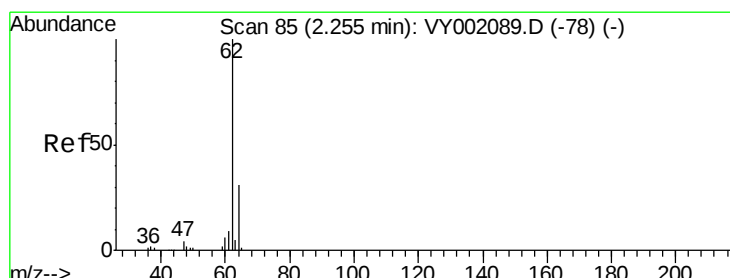
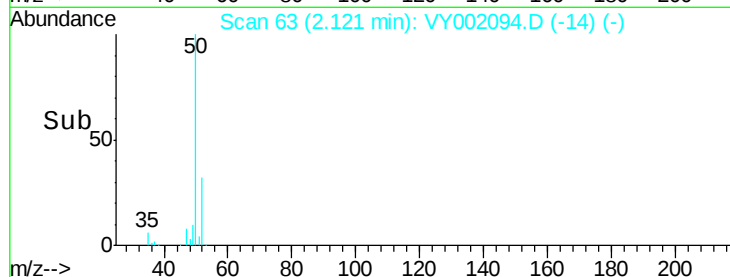
30000

20000

10000

0

Time-->



#4

Vinyl Chloride

Concen: 45.347 ug/l

RT: 2.26 min Scan# 86

Delta R.T. 0.01 min

Lab File: VY002094.D

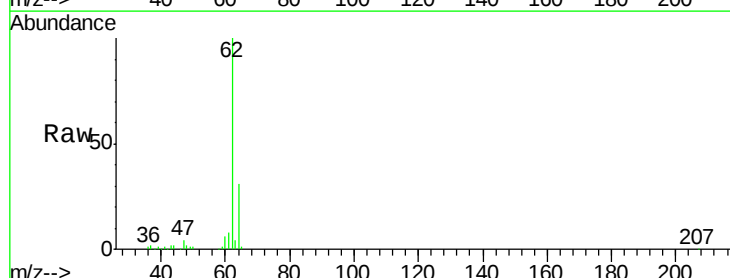
Acq: 27 Mar 2020 10:37

Tgt Ion: 62 Resp: 88304

Ion Ratio Lower Upper

62 100

64 31.2 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0

2.26

60000

50000

40000

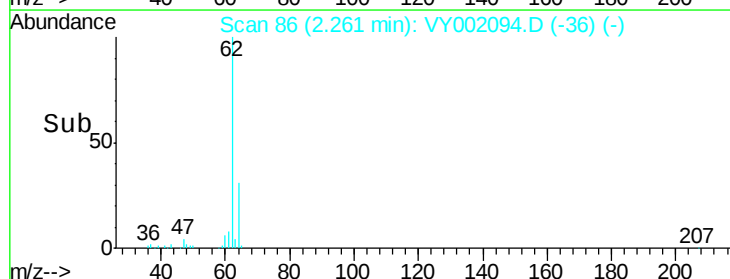
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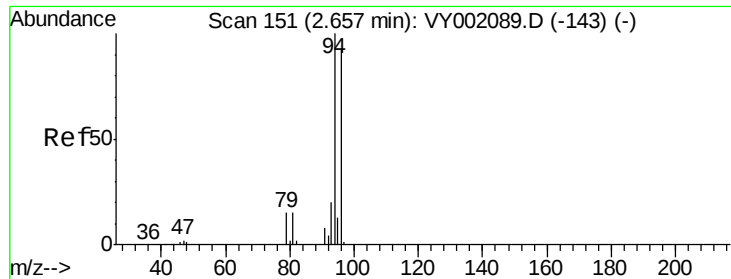
20000

10000

0

Time-->





#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 :

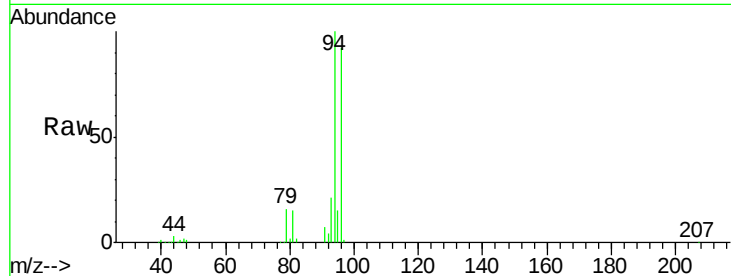
BFB

Tgt Ion: 94 Resp: 59597

Ion Ratio Lower Upper

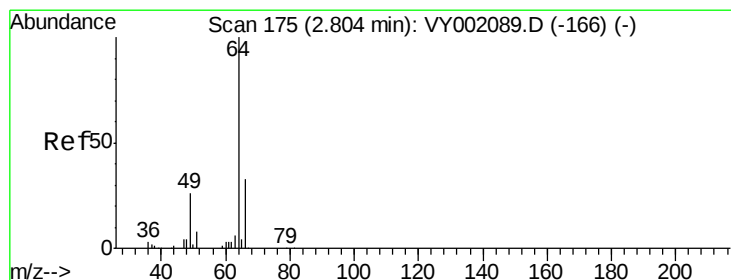
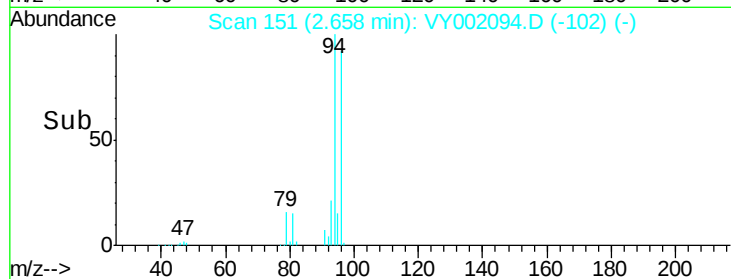
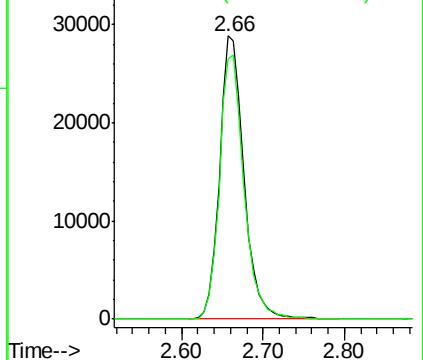
94 100

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

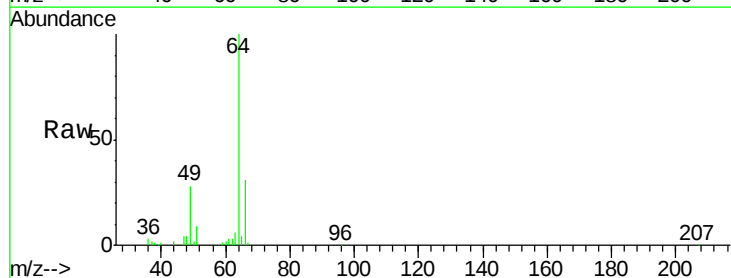
Acq: 27 Mar 2020 10:37

Tgt Ion: 64 Resp: 59129

Ion Ratio Lower Upper

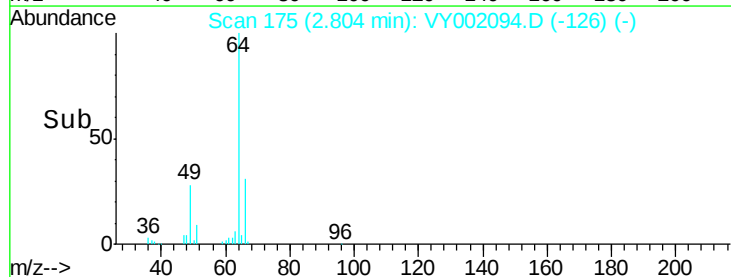
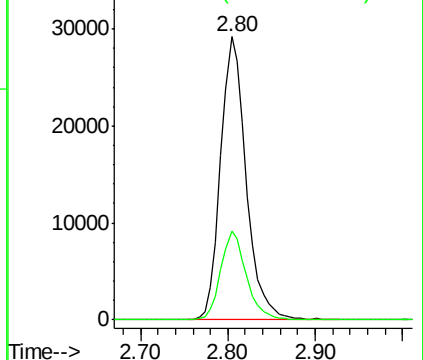
64 100

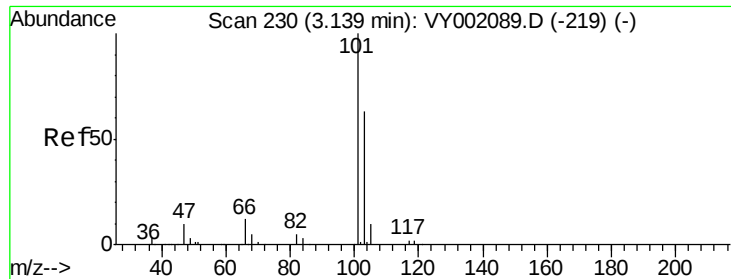
66 31.3 26.6 39.8



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



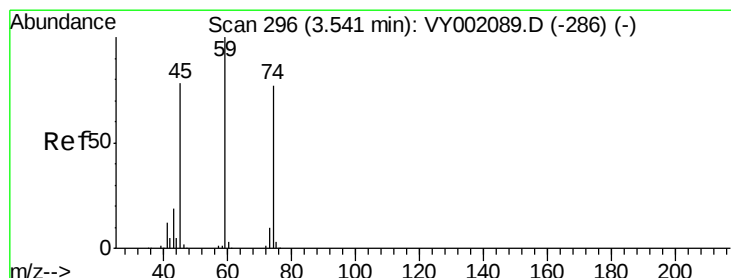
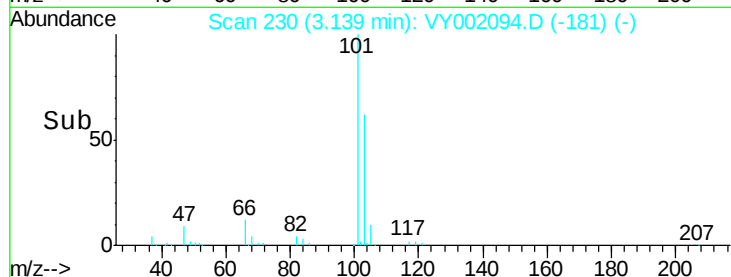
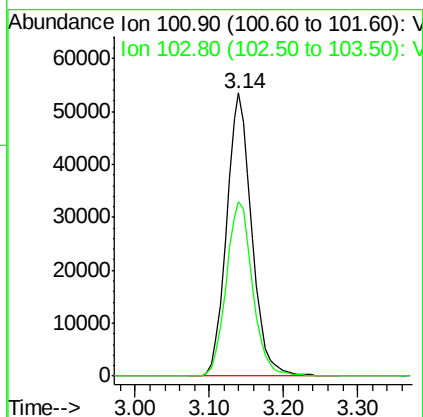
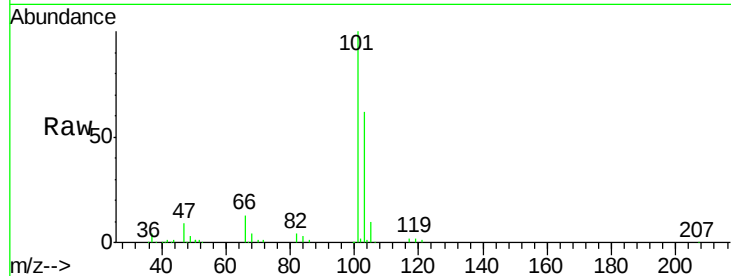


#7

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

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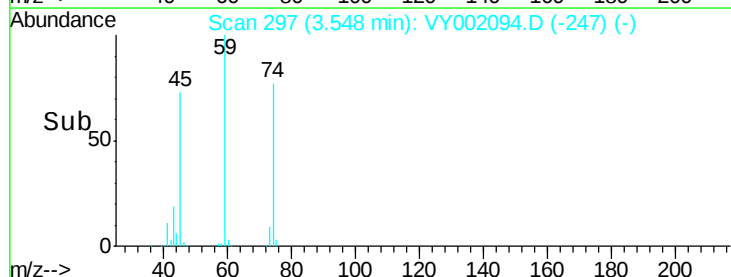
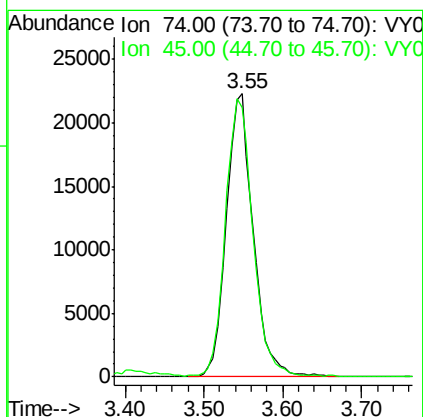
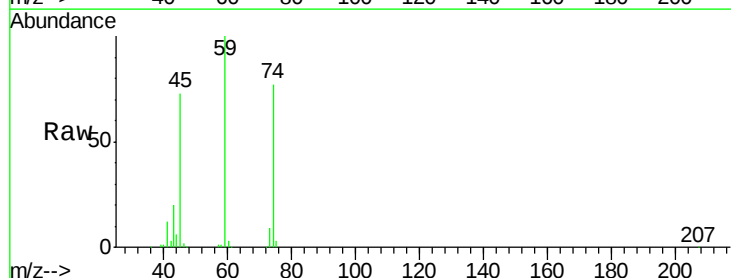
Tgt Ion:101 Resp: 125864
 Ion Ratio Lower Upper
 101 100
 103 61.6 50.6 76.0

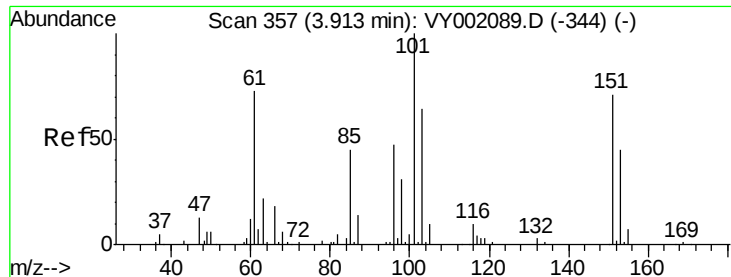


#8

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 :

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ClientSampleId :

BFB

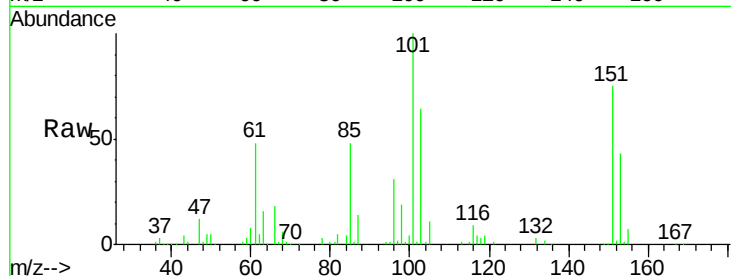
Tgt Ion:101 Resp: 80801

Ion Ratio Lower Upper

101 100

85 45.6 35.9 53.9

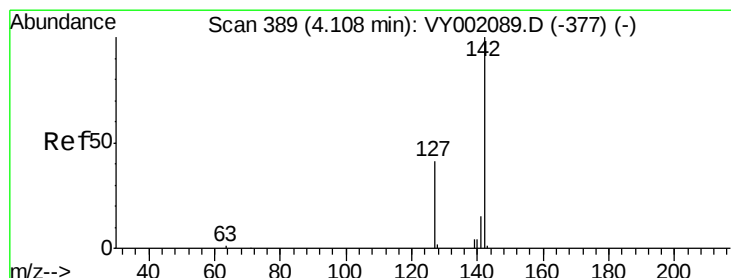
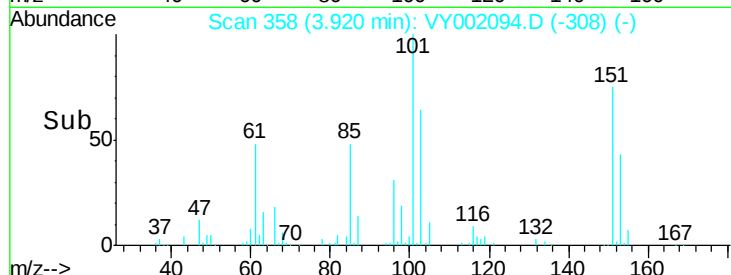
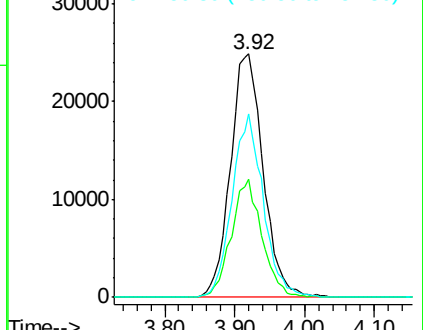
151 71.8 57.5 86.3



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

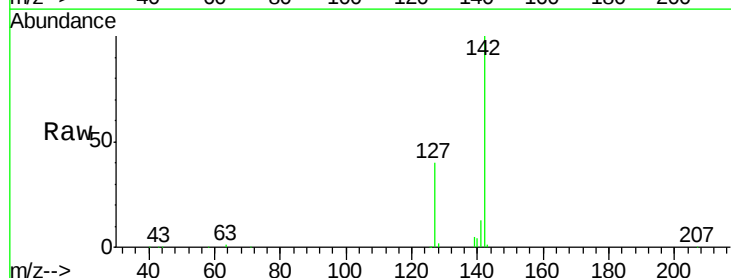
Tgt Ion:142 Resp: 98501

Ion Ratio Lower Upper

142 100

127 40.8 32.6 49.0

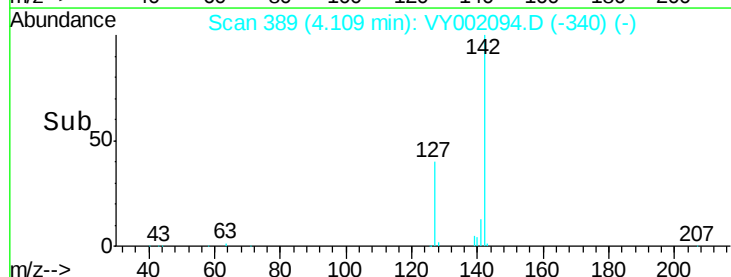
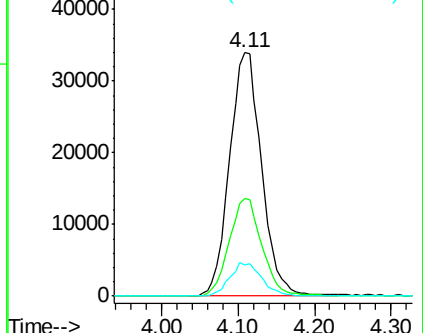
141 13.8 11.4 17.0

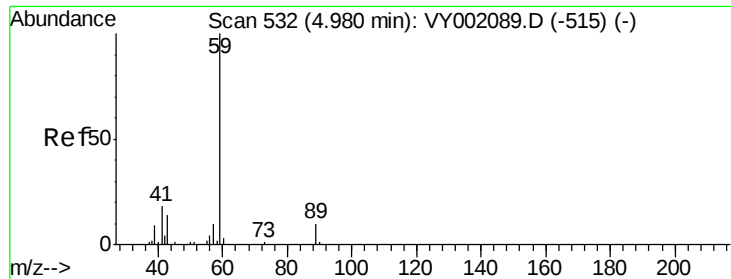


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

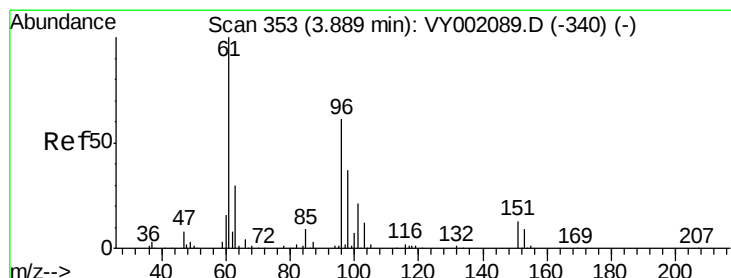
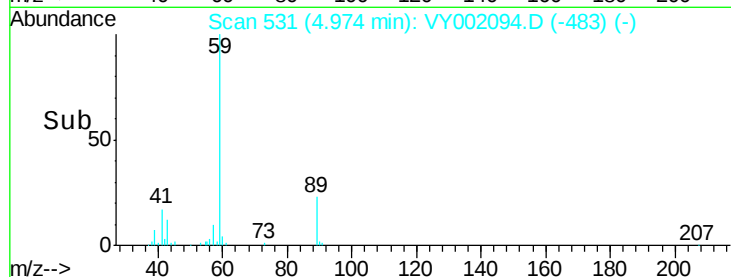
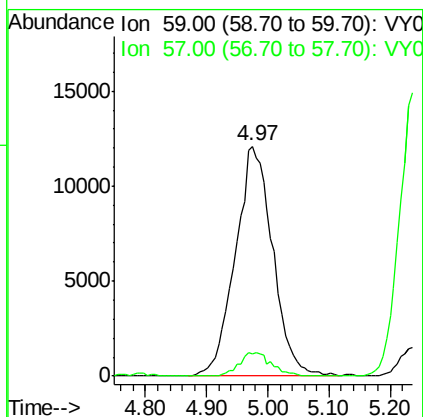
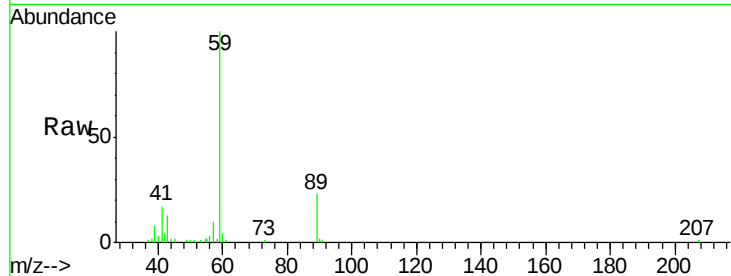




#11
Tert butyl alcohol
Concen: 240.342 ug/l
RT: 4.97 min Scan# 531
Delta R.T. -0.01 min
Lab File: VY002094.D
Acq: 27 Mar 2020 10:37

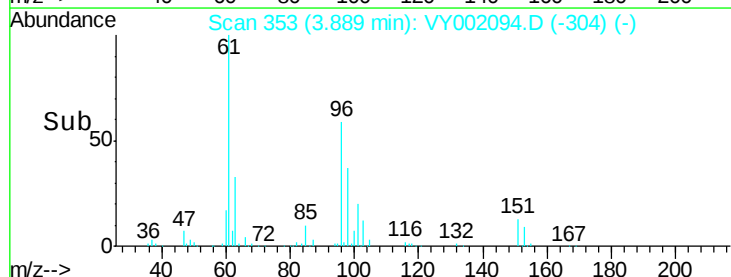
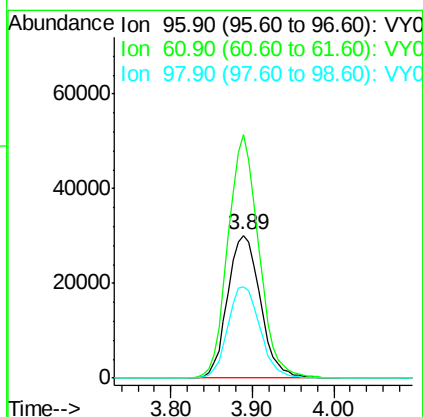
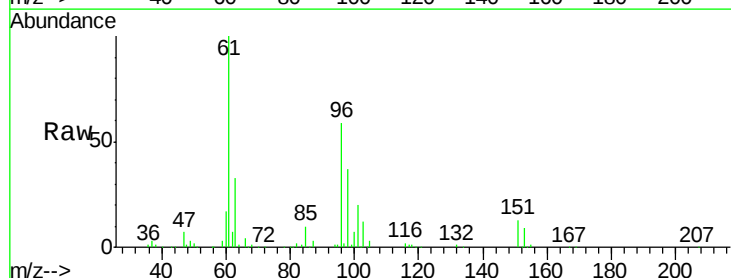
Instrument :
MSVOA_Y
ClientSampled :
BFB

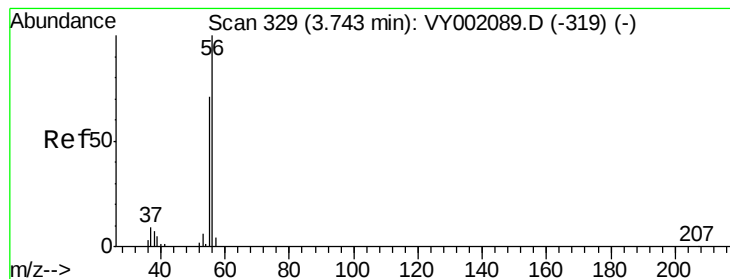
Tgt Ion: 59 Resp: 51298
Ion Ratio Lower Upper
59 100
57 8.9 7.7 11.5



#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 :

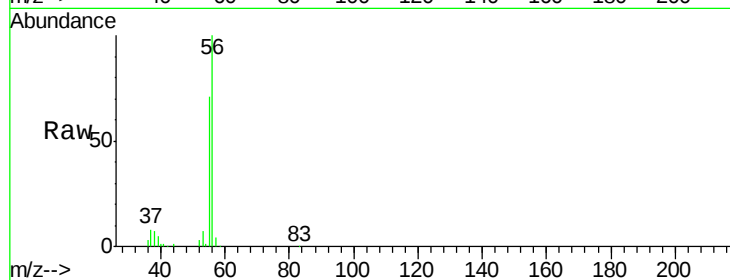
BFB

Tgt Ion: 56 Resp: 78423

Ion Ratio Lower Upper

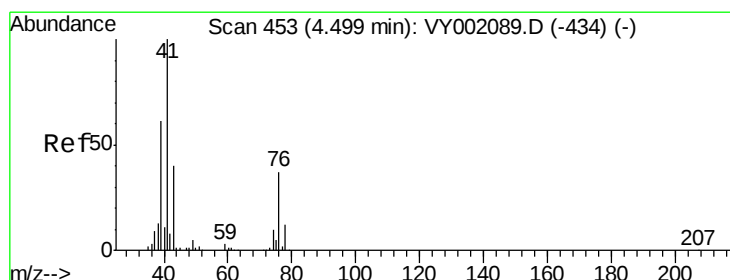
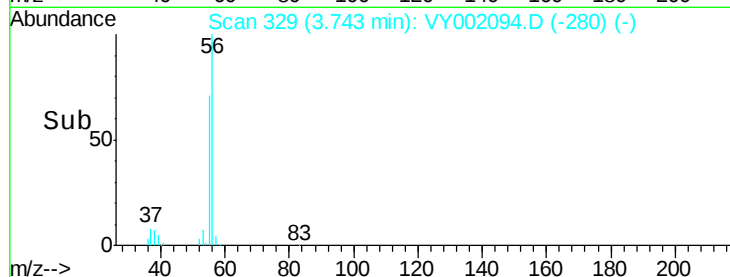
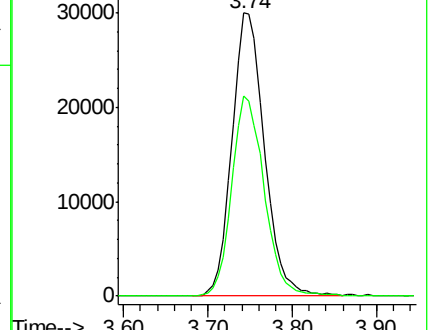
56 100

55 70.8 56.5 84.7



Abundance Ion 56.00 (55.70 to 56.70): VY002089.D (-319) (-)

Ion 55.00 (54.70 to 55.70): VY002089.D (-319) (-)



#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

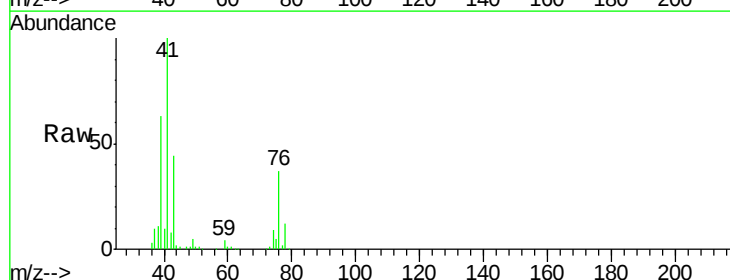
Tgt Ion: 41 Resp: 155569

Ion Ratio Lower Upper

41 100

39 63.0 49.0 73.4

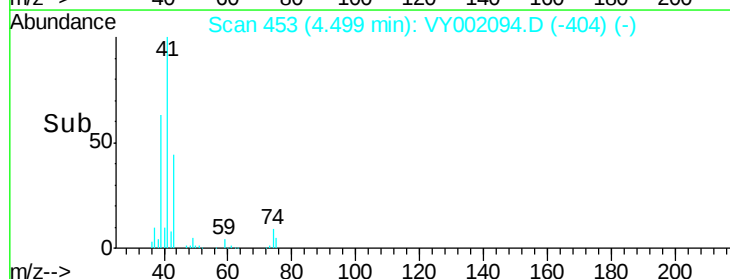
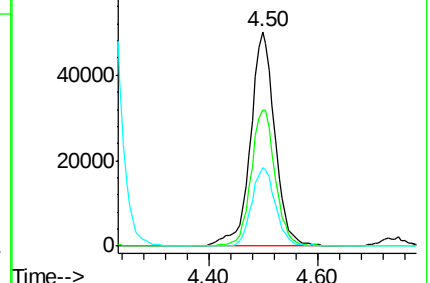
76 35.8 27.8 41.8

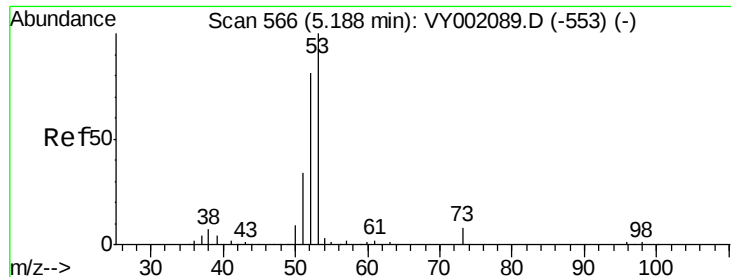


Abundance Ion 41.00 (40.70 to 41.70): VY002089.D (-434) (-)

Ion 39.00 (38.70 to 39.70): VY002089.D (-434) (-)

Ion 75.90 (75.60 to 76.60): VY002089.D (-434) (-)





#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

ClientSampled :

BFB

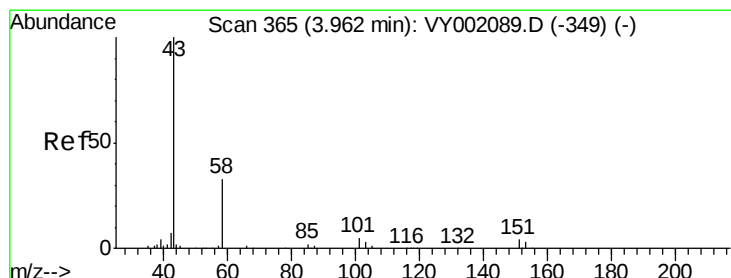
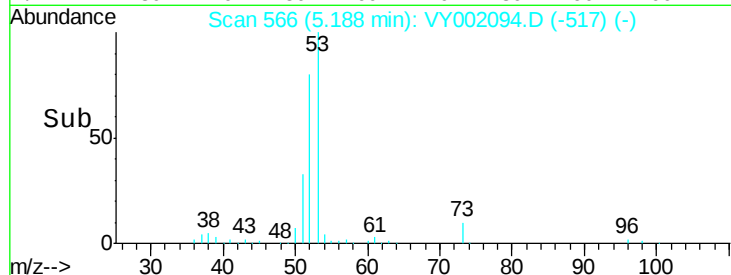
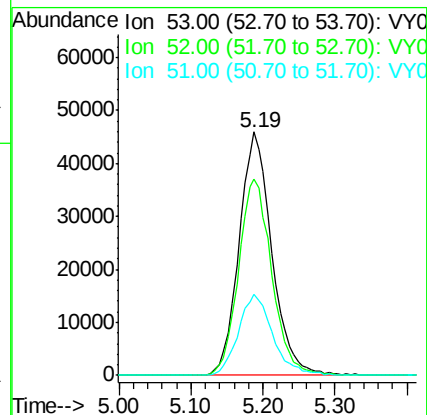
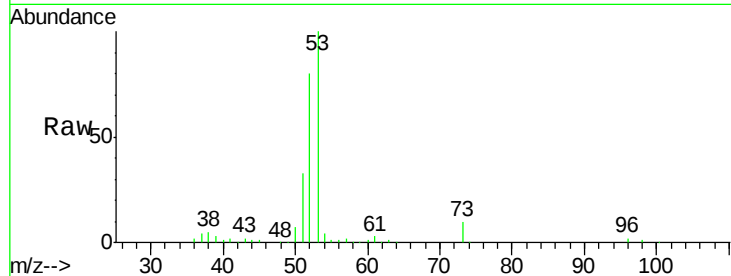
Tgt Ion: 53 Resp: 144668

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

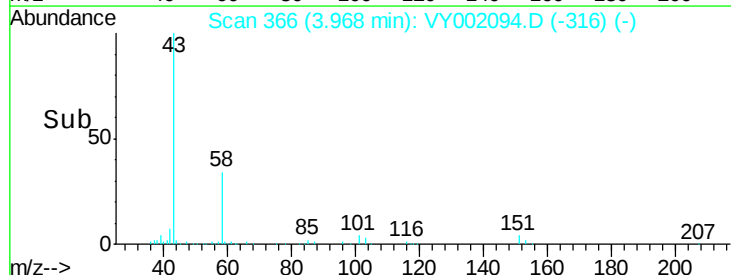
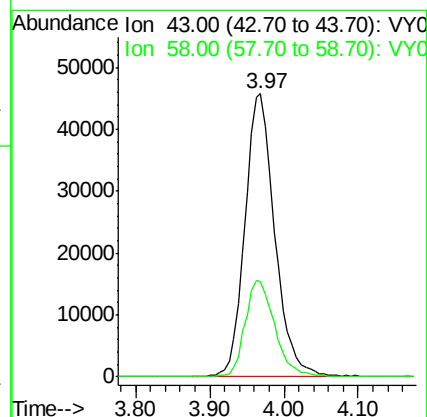
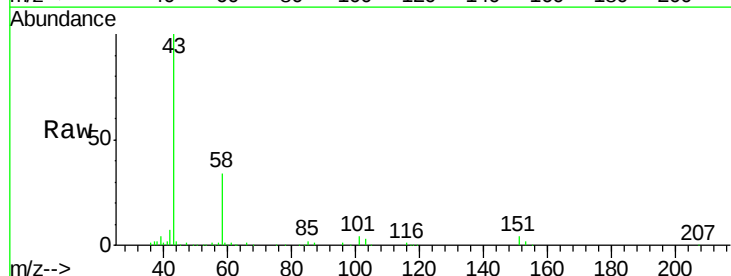
Acq: 27 Mar 2020 10:37

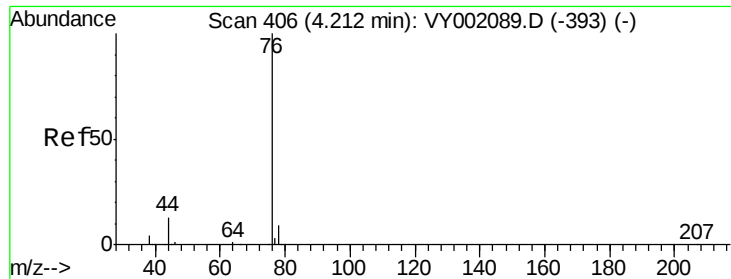
Tgt Ion: 43 Resp: 129098

Ion Ratio Lower Upper

43 100

58 33.5 26.3 39.5

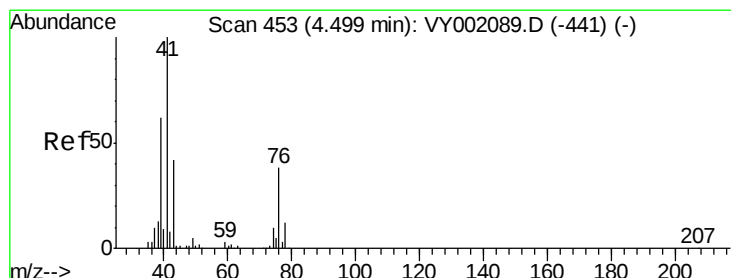
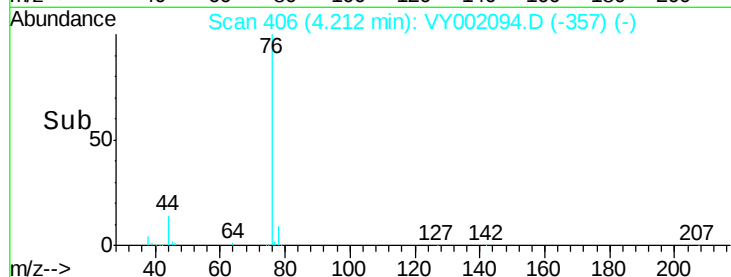
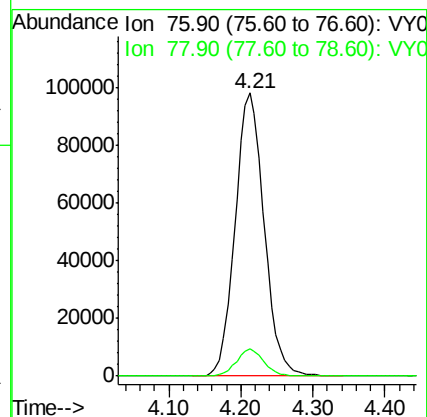
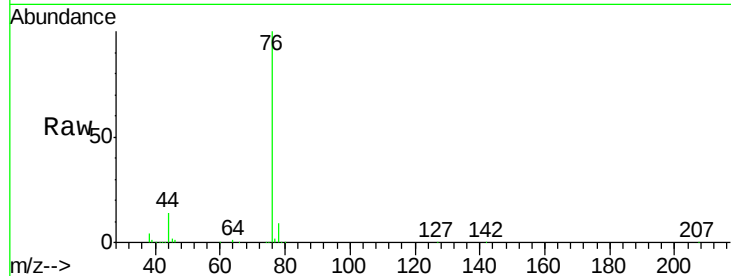




#17
Carbon Disulfide
Concen: 46.529 ug/l
RT: 4.21 min Scan# 406
Delta R.T. 0.00 min
Lab File: VY002094.D
Acq: 27 Mar 2020 10:37

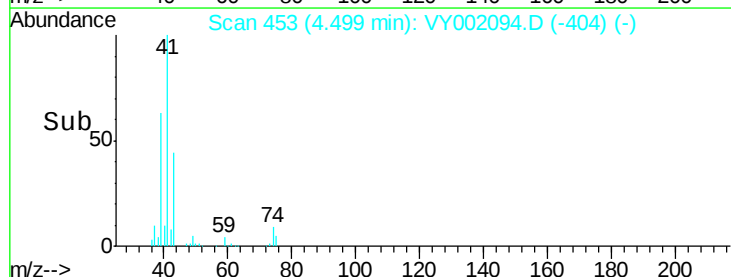
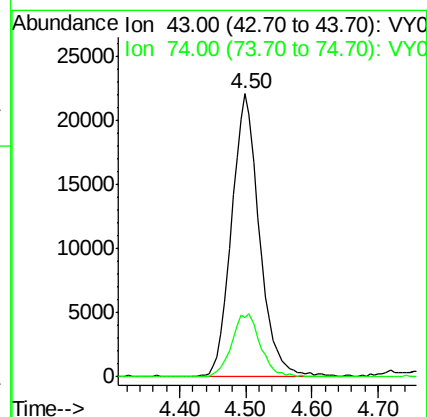
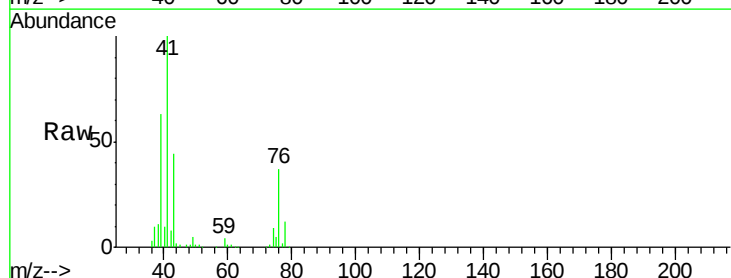
Instrument :
MSVOA_Y
ClientSampled :
BFB

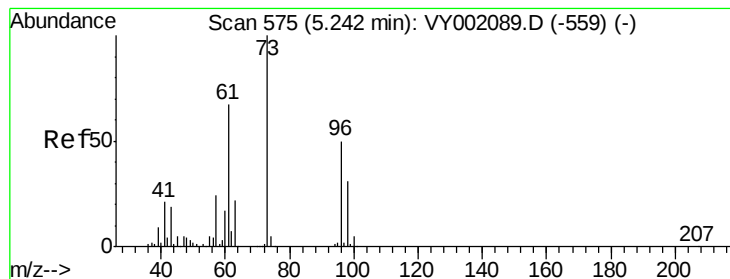
Tgt Ion: 76 Resp: 274512
Ion Ratio Lower Upper
76 100
78 9.5 7.3 10.9



#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





#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 :

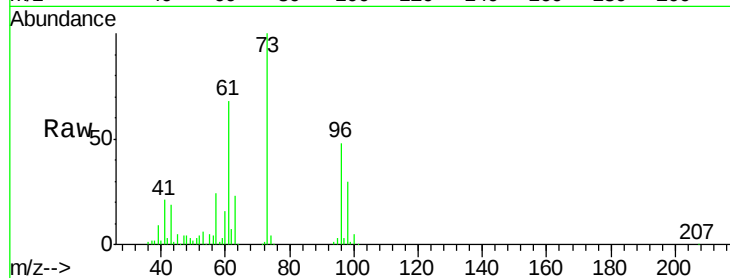
BFB

Tgt Ion: 73 Resp: 240629

Ion Ratio Lower Upper

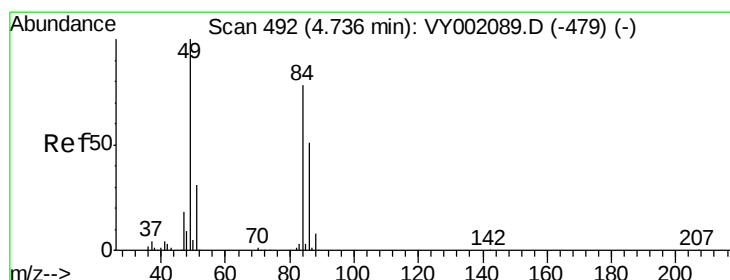
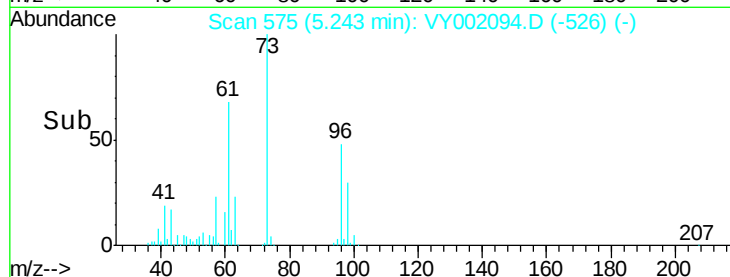
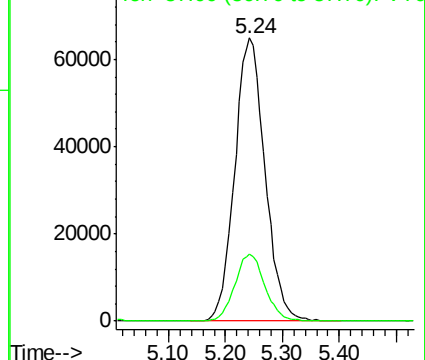
73 100

57 23.5 19.0 28.6



Abundance Ion 73.00 (72.70 to 73.70): VY002089.D (-559) (-)

Ion 57.00 (56.70 to 57.70): VY002089.D (-559) (-)



#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

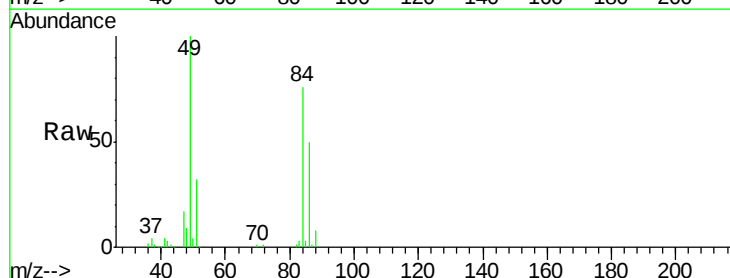
Ion Ratio Lower Upper

84 100

49 130.8 102.2 153.4

51 41.9 31.2 46.8

86 65.4 52.6 78.8

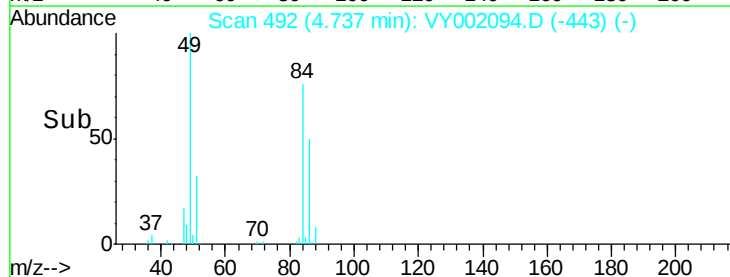
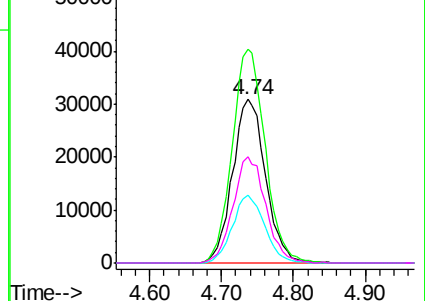


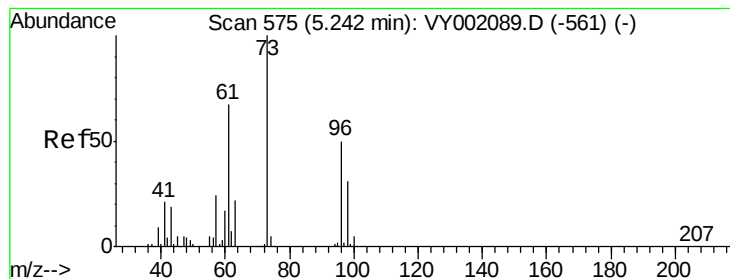
Abundance Ion 83.90 (83.60 to 84.60): VY002089.D (-479) (-)

Ion 48.90 (48.60 to 49.60): VY002089.D (-479) (-)

Ion 50.90 (50.60 to 51.60): VY002089.D (-479) (-)

Ion 85.90 (85.60 to 86.60): VY002089.D (-479) (-)





#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 :

BFB

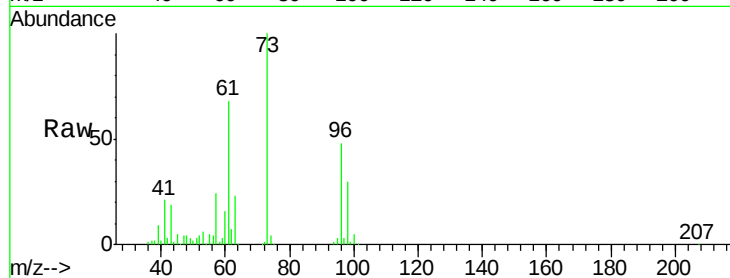
Tgt Ion: 96 Resp: 96081

Ion Ratio Lower Upper

96 100

61 142.4 107.7 161.5

98 63.1 50.5 75.7

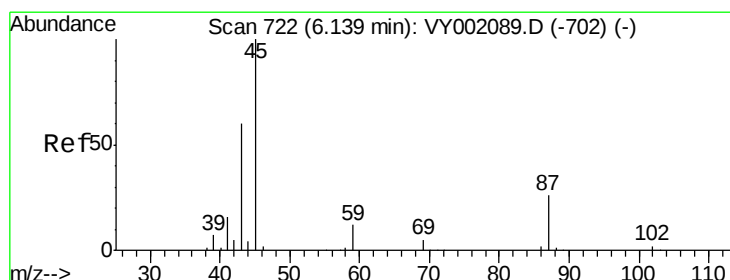
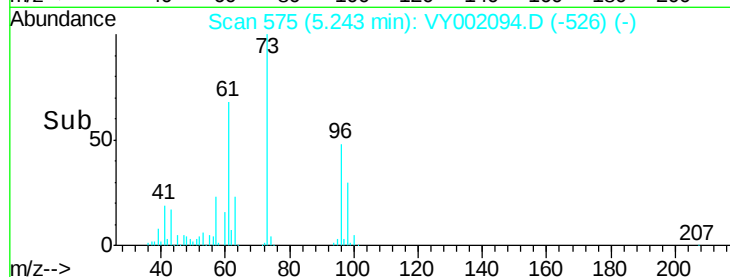
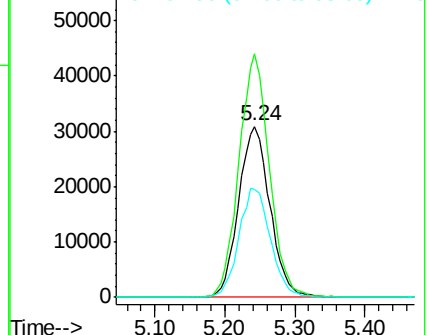


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 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

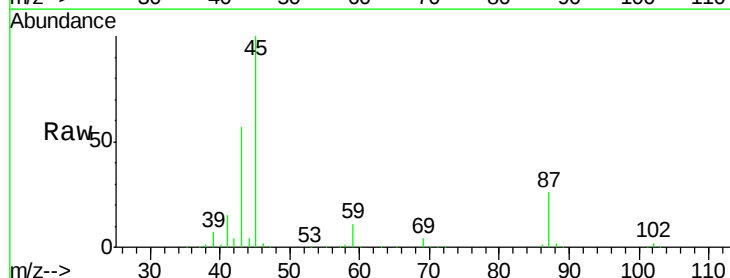
Ion Ratio Lower Upper

45 100

43 56.8 48.1 72.1

87 26.4 21.1 31.7

59 10.9 9.2 13.8



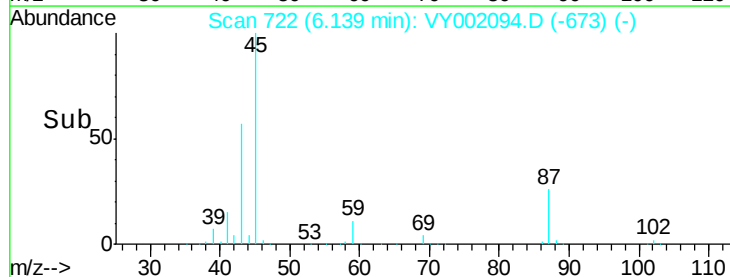
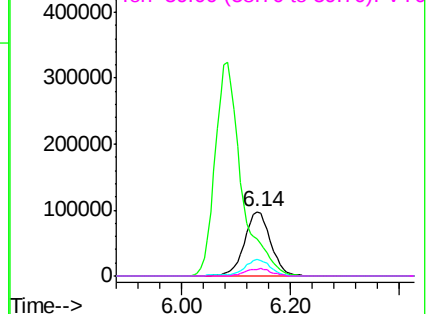
Abundance

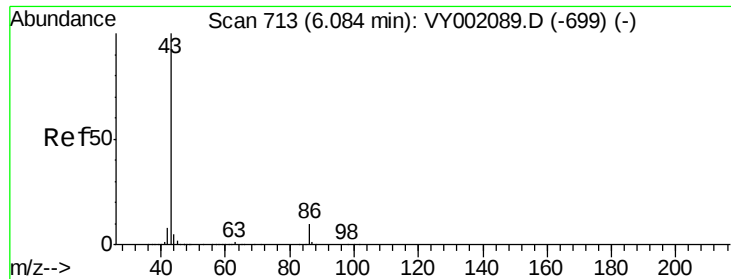
Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0

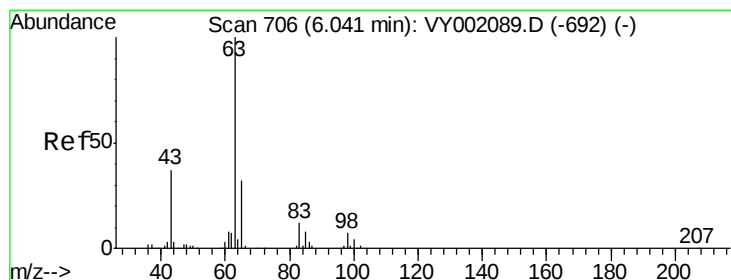
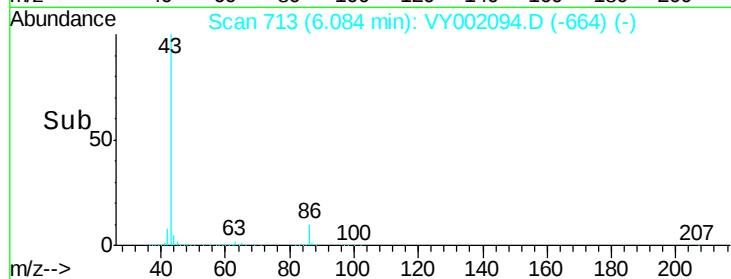
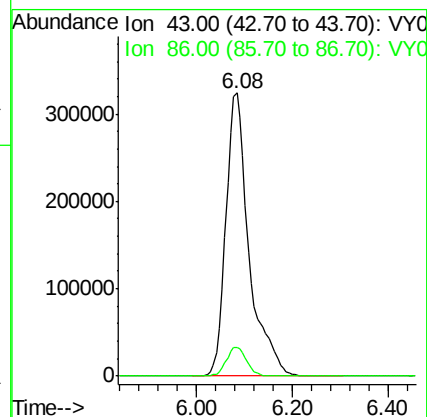
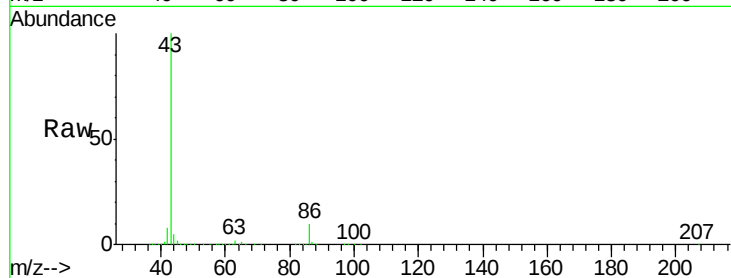




#23
 Vinyl Acetate
 Concen: 248.899 ug/l
 RT: 6.08 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VY002094.D
 Acq: 27 Mar 2020 10:37

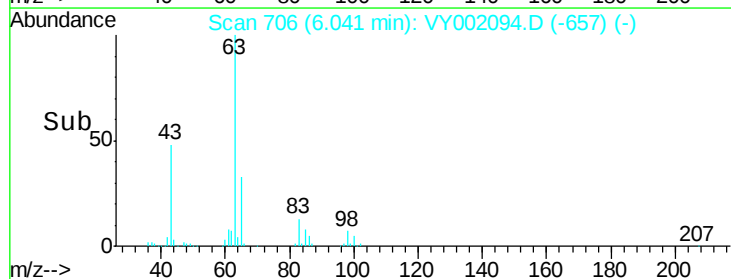
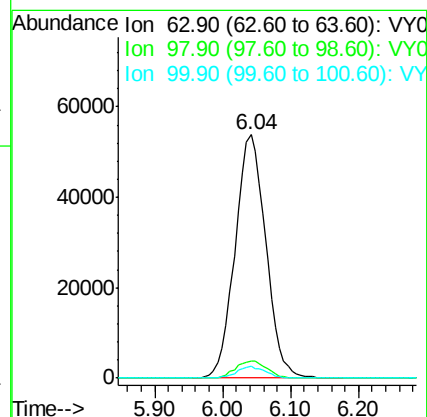
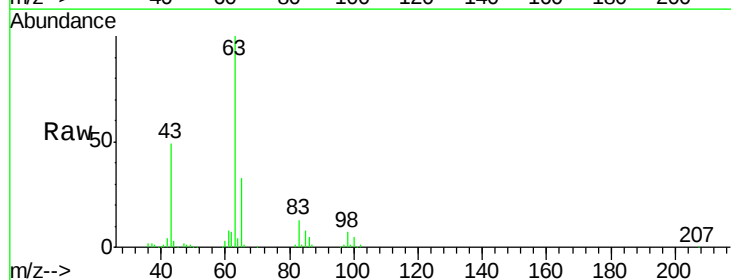
Instrument :
 MSVOA_Y
 ClientSampled :
 BFB

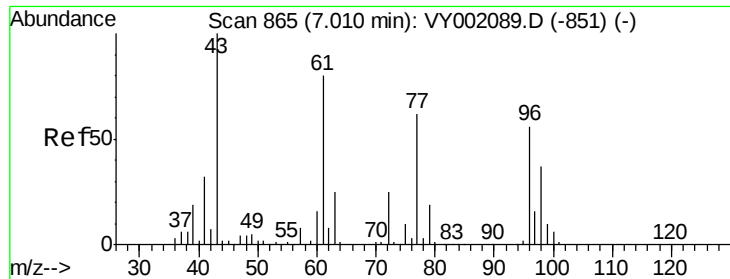
Tgt Ion: 43 Resp: 1087045
 Ion Ratio Lower Upper
 43 100
 86 10.2 7.9 11.9



#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





#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

ClientSampled :

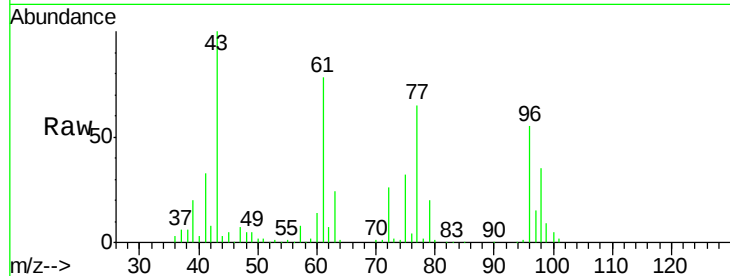
BFB

Tgt Ion: 43 Resp: 197254

Ion Ratio Lower Upper

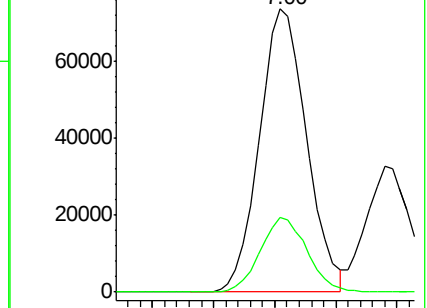
43 100

72 26.3 20.2 30.2

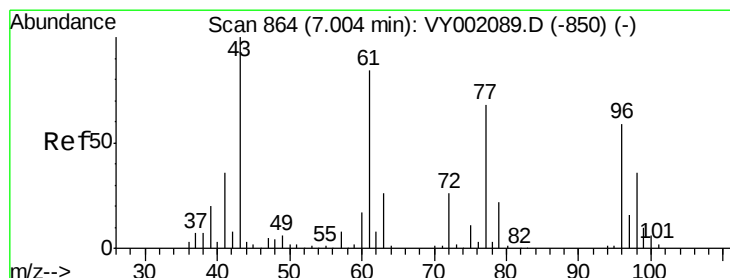
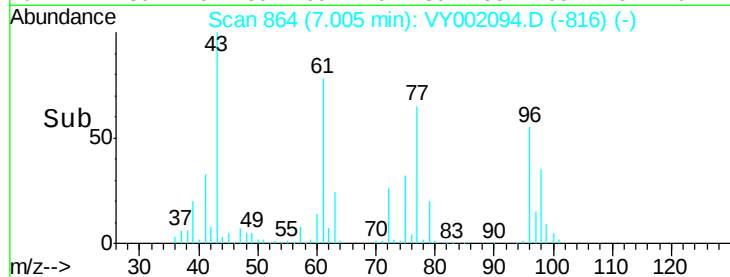


Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



Time-->



#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

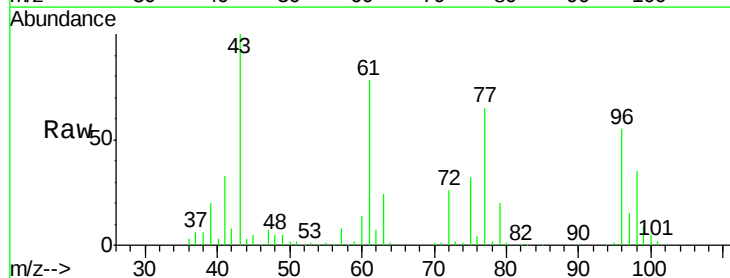
Acq: 27 Mar 2020 10:37

Tgt Ion: 77 Resp: 141958

Ion Ratio Lower Upper

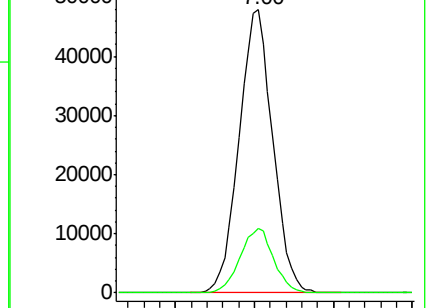
77 100

97 22.8 11.7 35.1

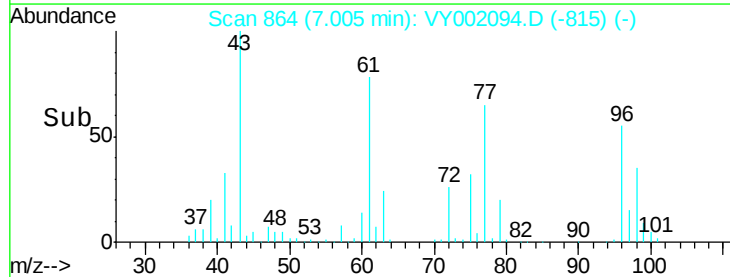


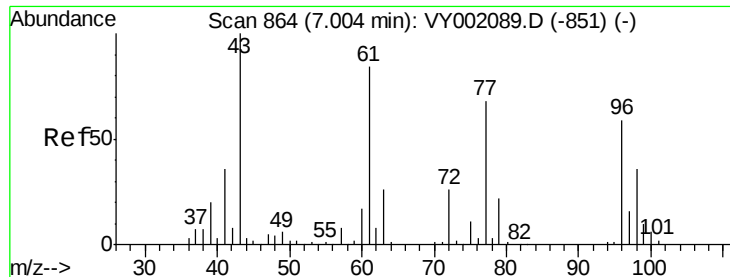
Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0



Time-->



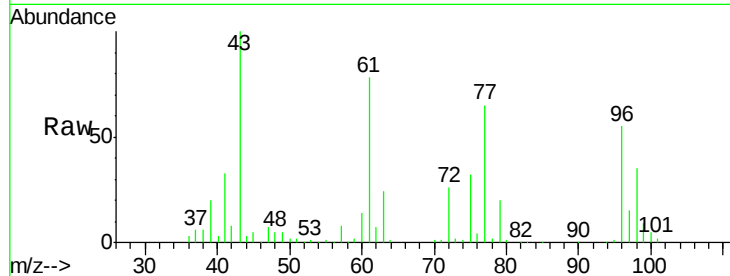


#27

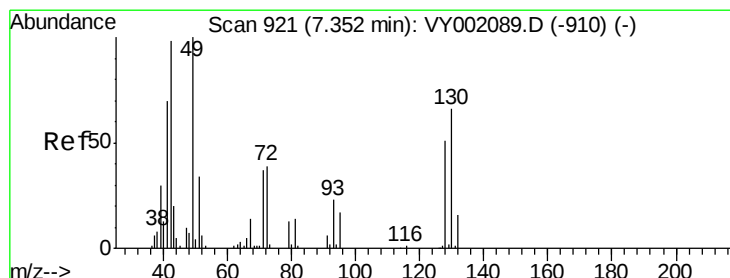
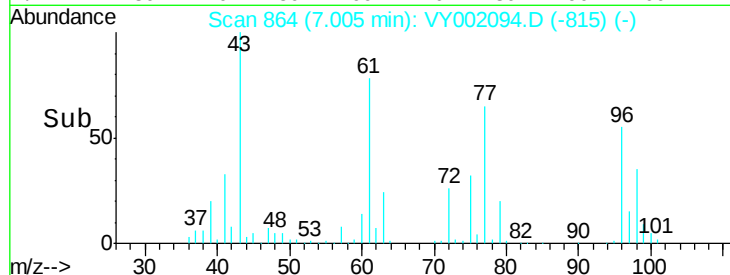
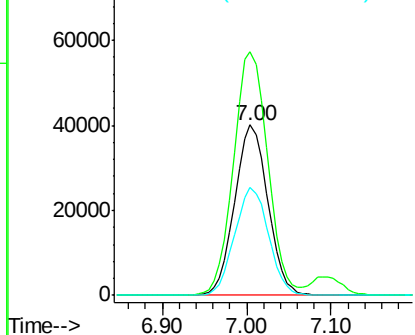
cis-1,2-Dichloroethene
Concen: 47.999 ug/l
RT: 7.00 min Scan# 864
Delta R.T. 0.00 min
Lab File: VY002094.D
Acq: 27 Mar 2020 10:37

Instrument :
MSVOA_Y
ClientSampleId :
BFB

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



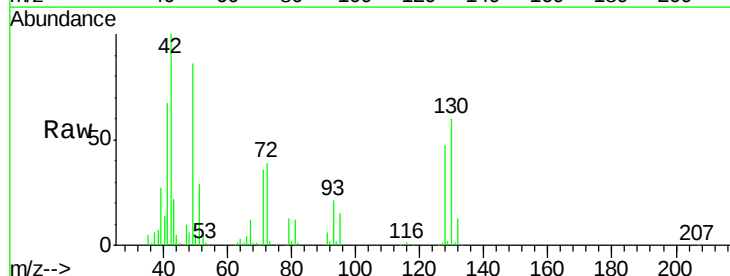
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



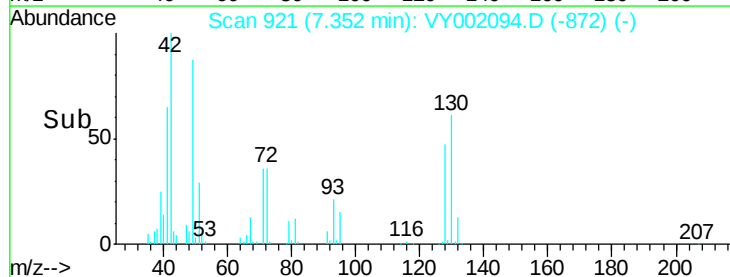
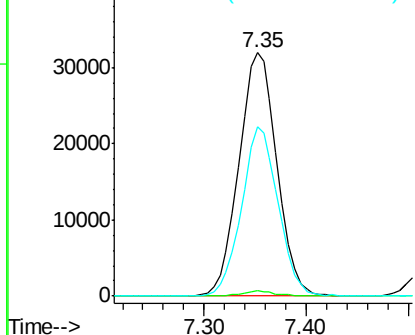
#28

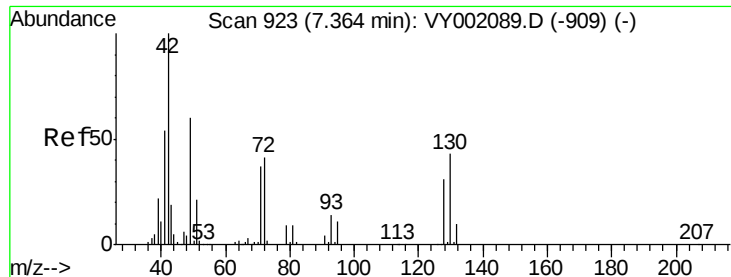
Bromochloromethane
Concen: 50.924 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.00 min
Lab File: VY002094.D
Acq: 27 Mar 2020 10:37

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

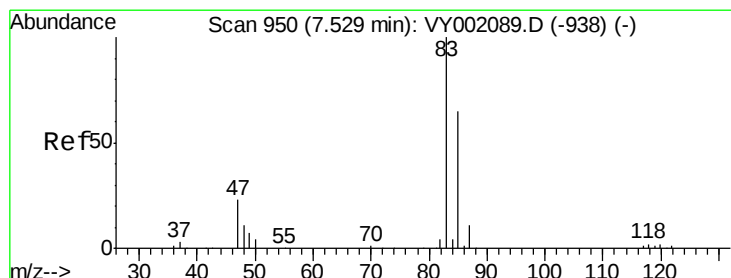
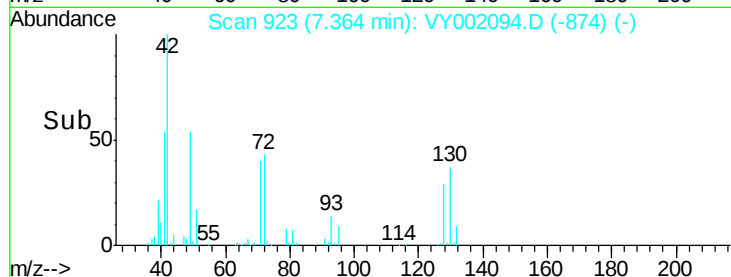
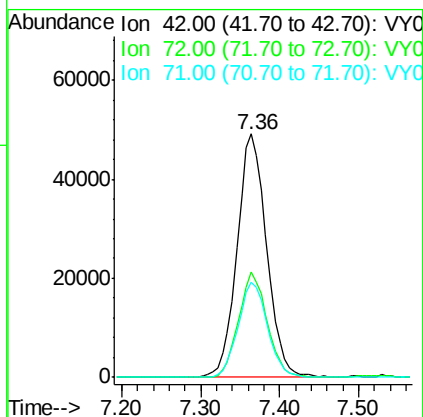
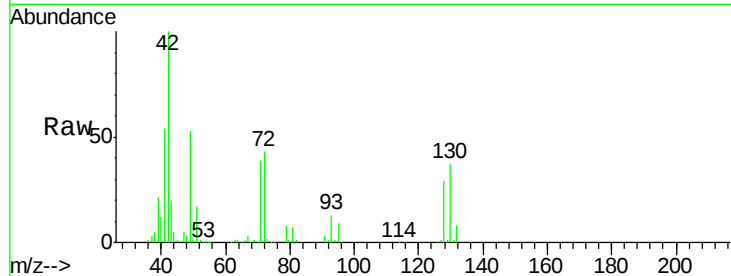




#29
Tetrahydrofuran
Concen: 250.429 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.00 min
Lab File: VY002094.D
Acq: 27 Mar 2020 10:37

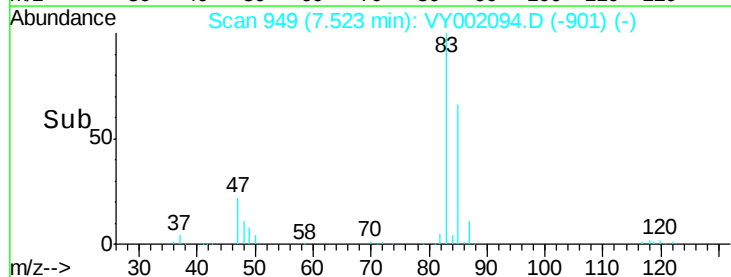
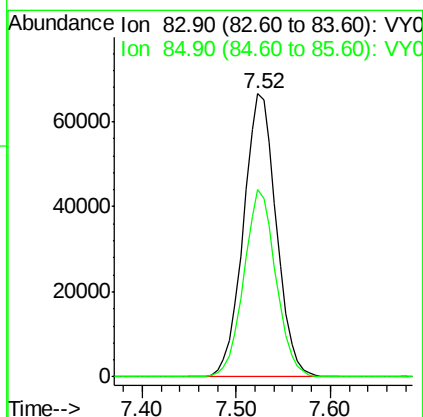
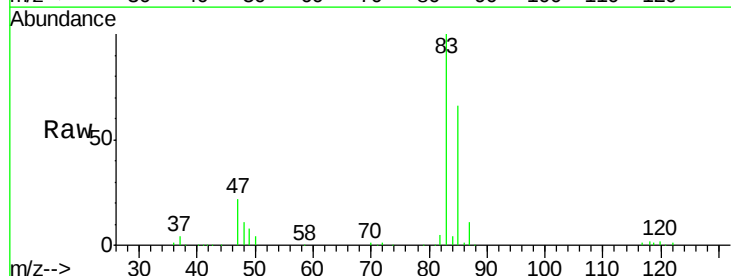
Instrument :
MSVOA_Y
ClientSampled :
BFB

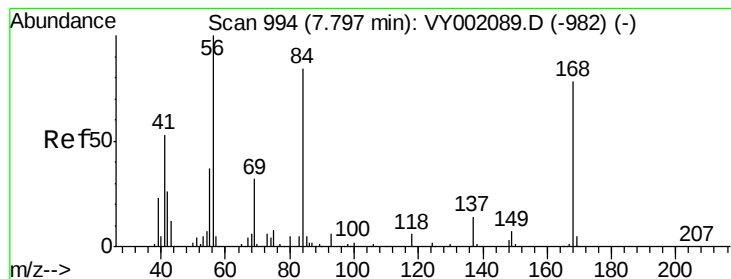
Tgt Ion: 42 Resp: 128289
Ion Ratio Lower Upper
42 100
72 41.7 33.0 49.4
71 38.7 31.2 46.8



#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

ClientSampled :

BFB

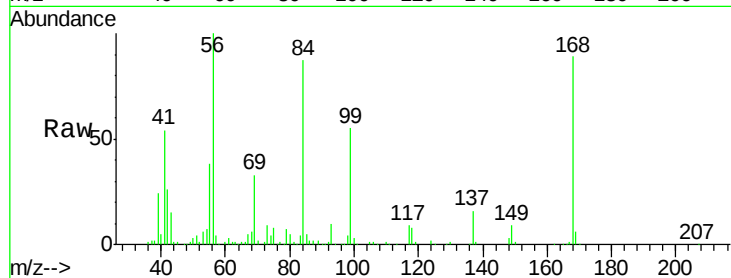
Tgt Ion: 56 Resp: 171683

Ion Ratio Lower Upper

56 100

69 33.3 25.8 38.8

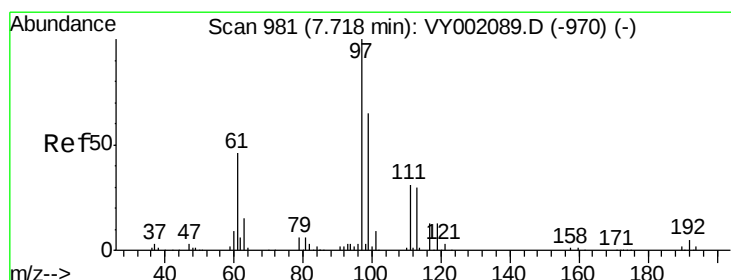
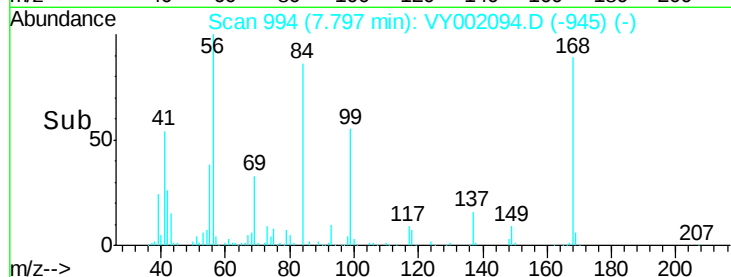
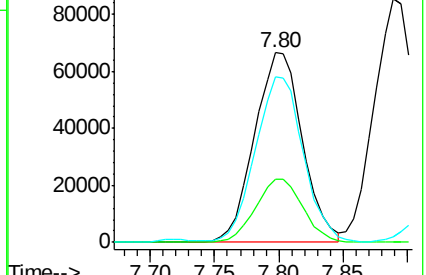
84 86.0 67.1 100.7



Abundance Ion 56.00 (55.70 to 56.70): VY002094.D (-945) (-)

Ion 69.00 (68.70 to 69.70): VY002094.D (-945) (-)

Ion 84.00 (83.70 to 84.70): VY002094.D (-945) (-)



#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

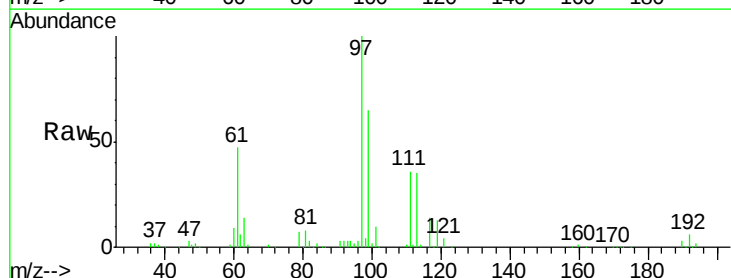
Tgt Ion: 97 Resp: 135164

Ion Ratio Lower Upper

97 100

99 64.4 52.0 78.0

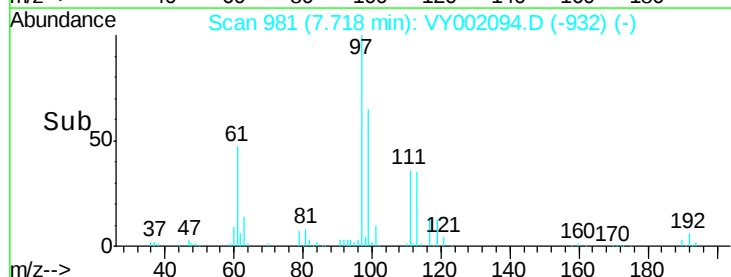
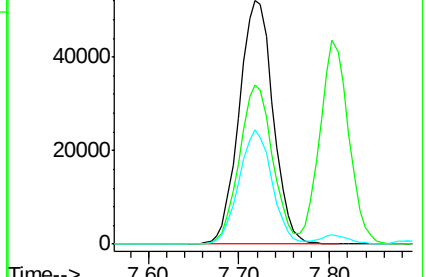
61 45.8 35.7 53.5

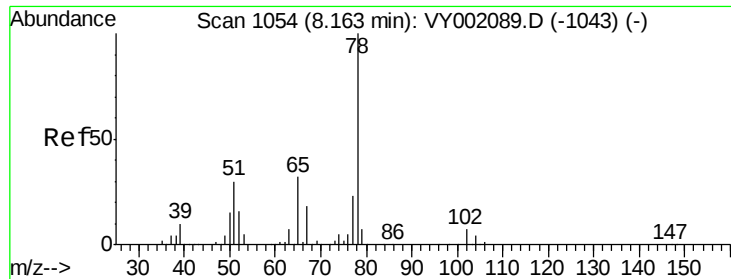


Abundance Ion 96.90 (96.60 to 97.60): VY002094.D (-932) (-)

Ion 98.90 (98.60 to 99.60): VY002094.D (-932) (-)

Ion 60.90 (60.60 to 61.60): VY002094.D (-932) (-)

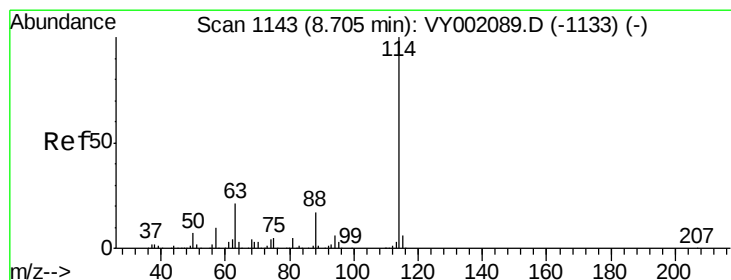
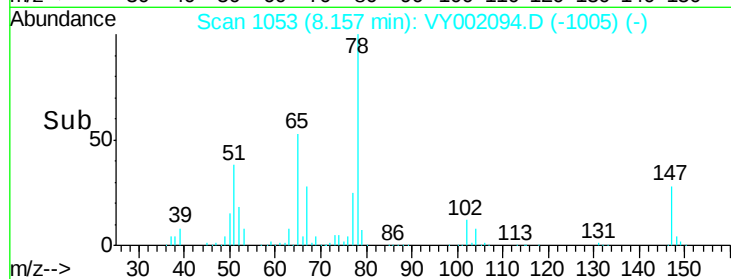
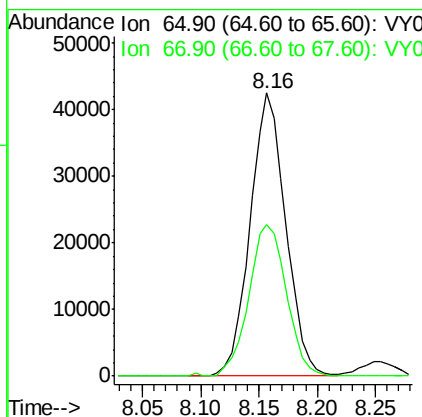
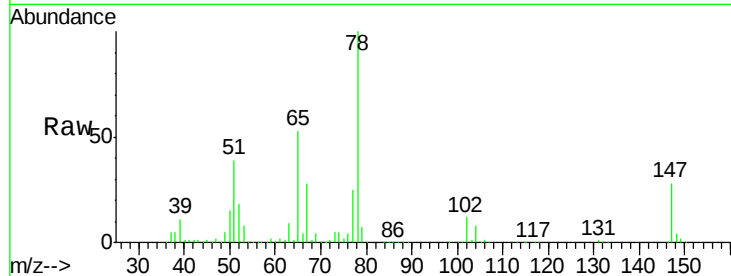




#33
 1,2-Dichloroethane-d4
 Concen: 49.706 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: VY002094.D
 Acq: 27 Mar 2020 10:37

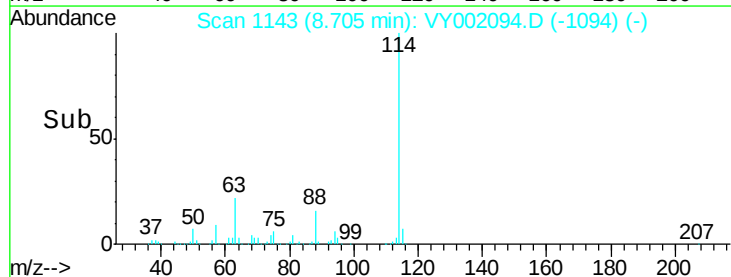
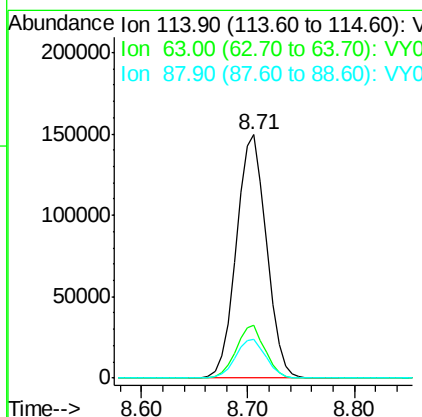
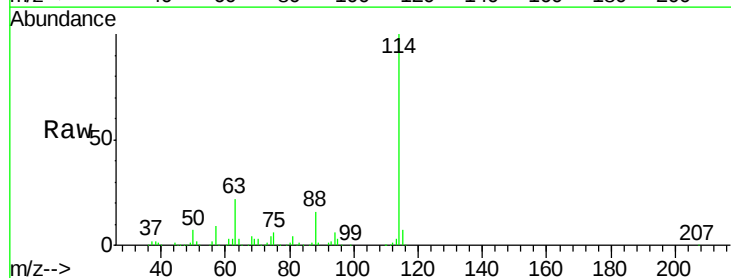
Instrument :
 MSVOA_Y
 ClientSampleId :
 BFB

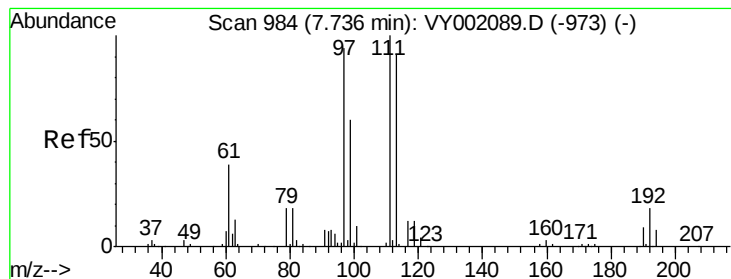
Tgt Ion: 65 Resp: 90027
 Ion Ratio Lower Upper
 65 100
 67 56.6 0.0 112.8



#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

ClientSampled :

BFB

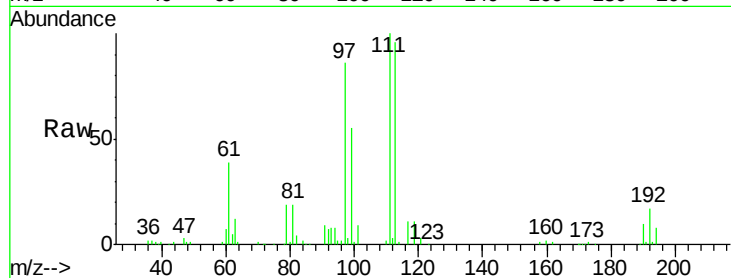
Tgt Ion:113 Resp: 83333

Ion Ratio Lower Upper

113 100

111 102.6 84.4 126.6

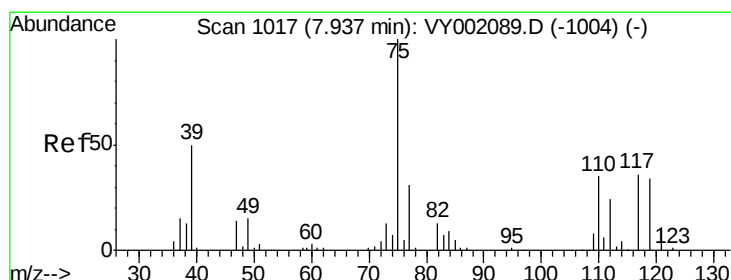
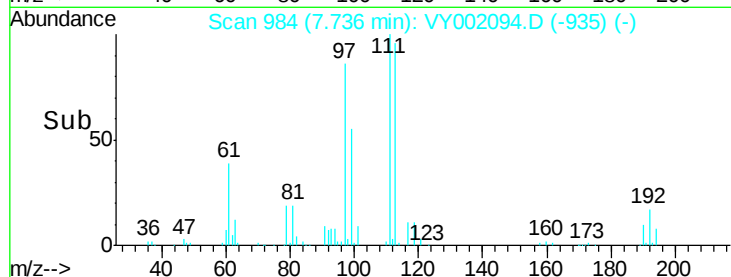
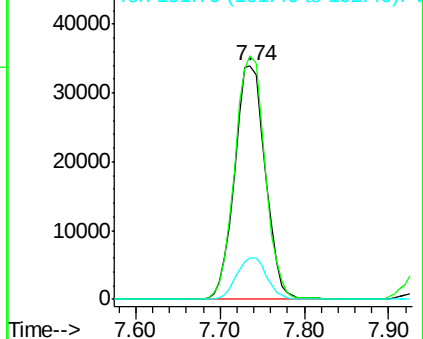
192 17.4 14.6 21.8



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

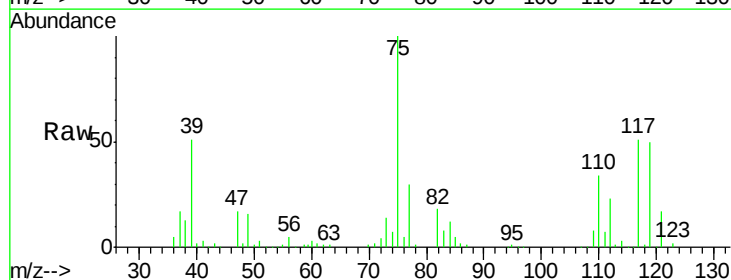
Tgt Ion: 75 Resp: 135166

Ion Ratio Lower Upper

75 100

110 34.4 17.2 51.6

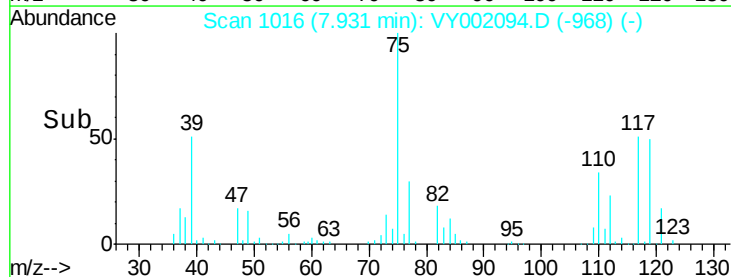
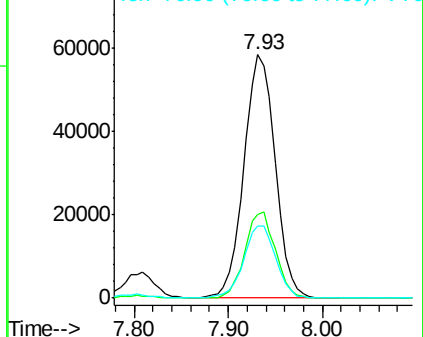
77 30.5 24.7 37.1

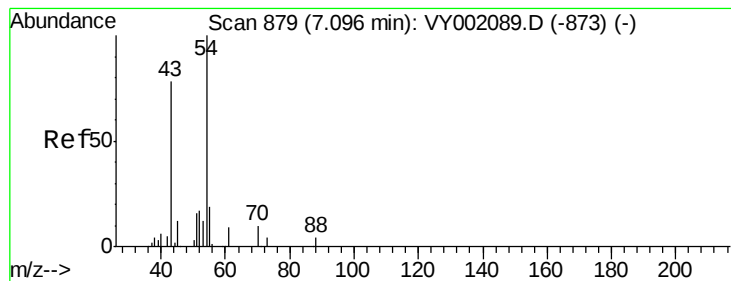


Abundance Ion 74.90 (74.60 to 75.60): VY0

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 :

BFB

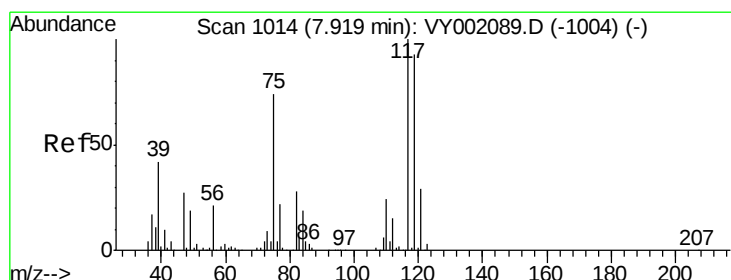
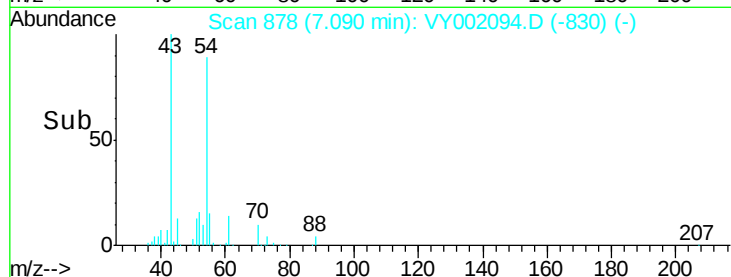
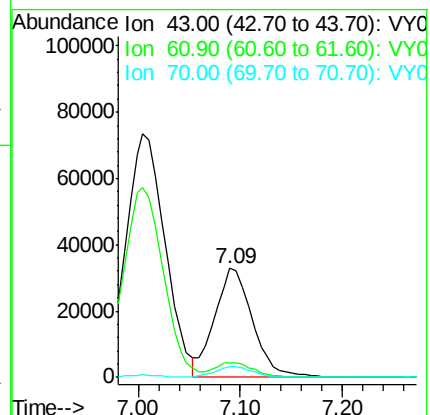
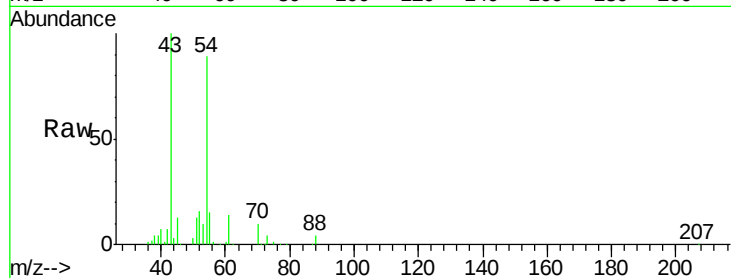
Tgt Ion: 43 Resp: 85149

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

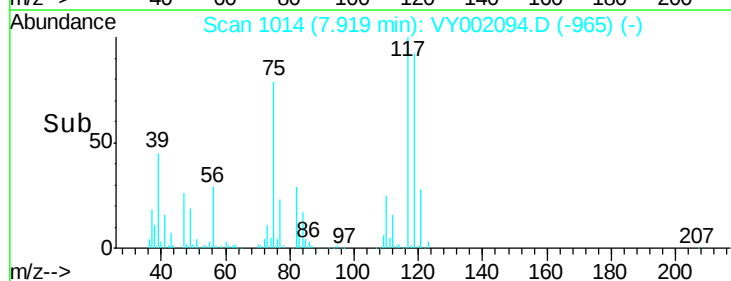
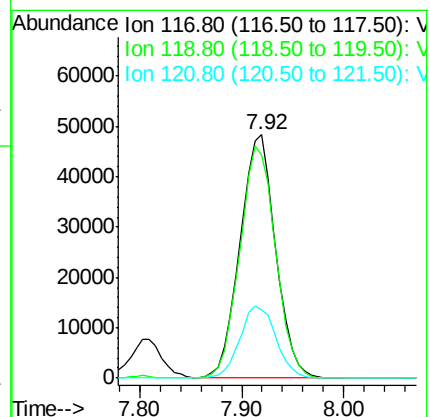
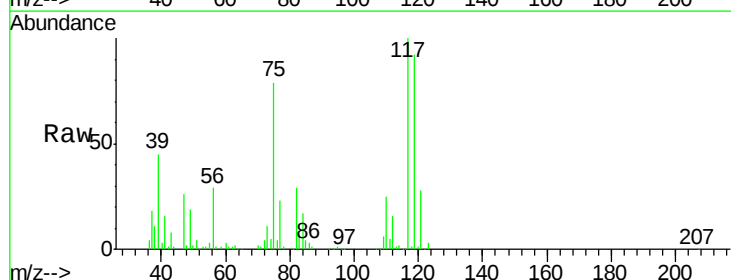
Tgt Ion: 117 Resp: 117238

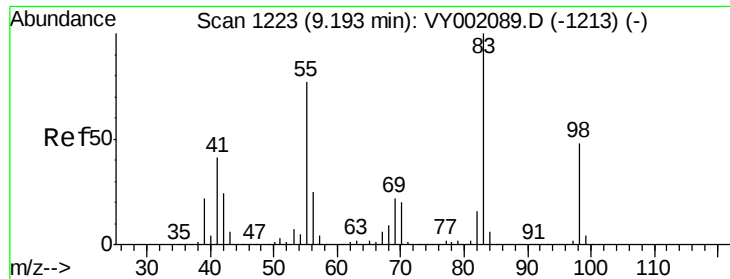
Ion Ratio Lower Upper

117 100

119 91.6 74.3 111.5

121 27.9 23.3 34.9

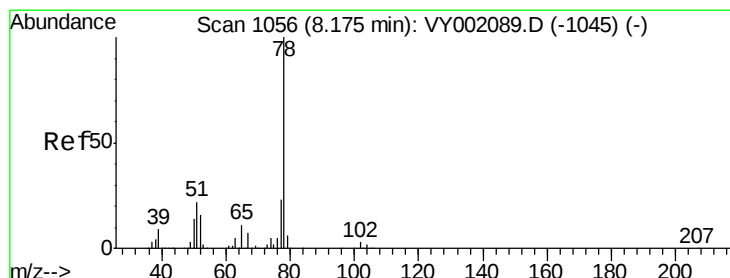
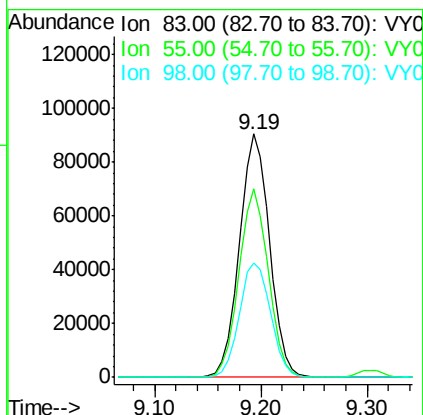
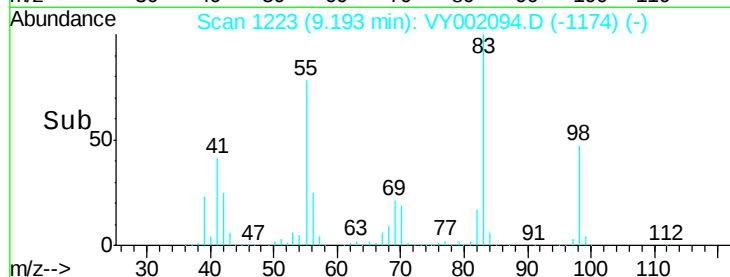
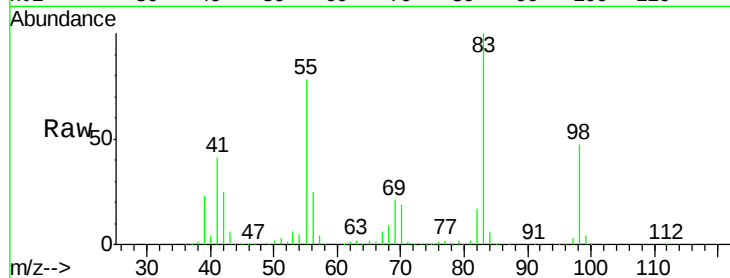




#39
Methylcyclohexane
Concen: 48.882 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. 0.00 min
Lab File: VY002094.D
Acq: 27 Mar 2020 10:37

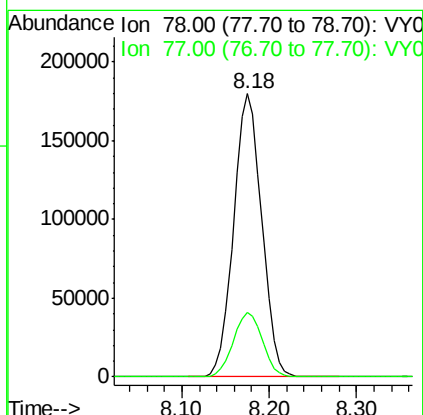
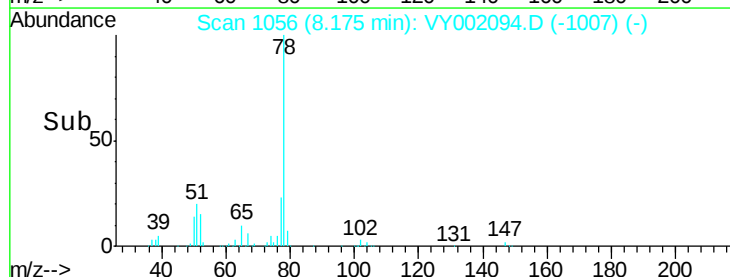
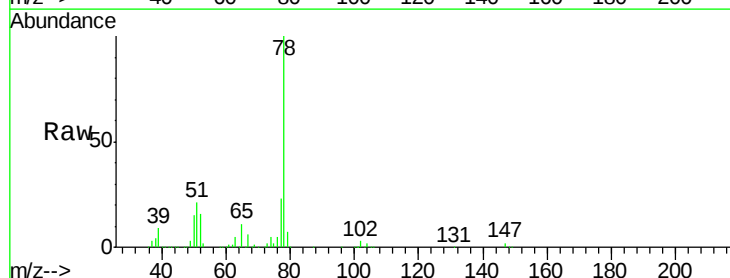
Instrument :
MSVOA_Y
ClientSampled :
BFB

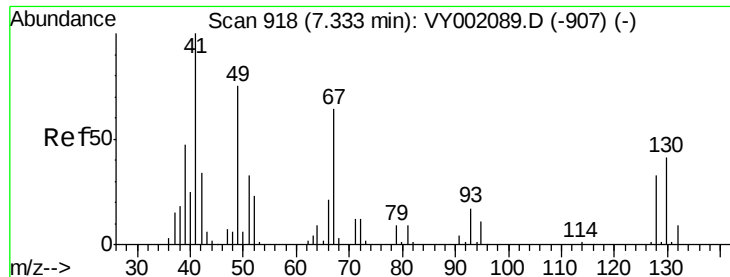
Tgt Ion: 83 Resp: 180128
Ion Ratio Lower Upper
83 100
55 77.7 61.2 91.8
98 46.8 38.2 57.2



#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

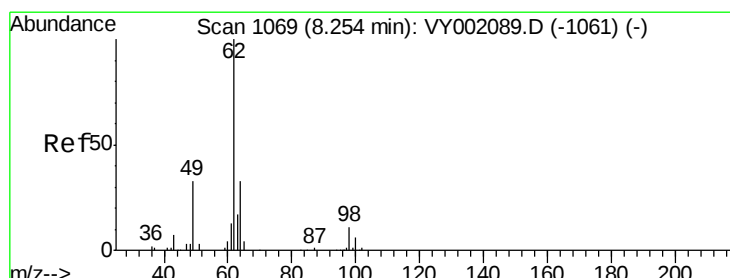
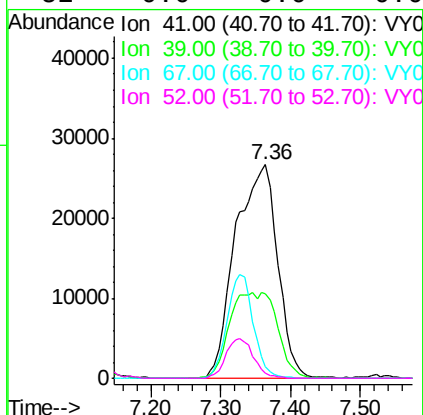
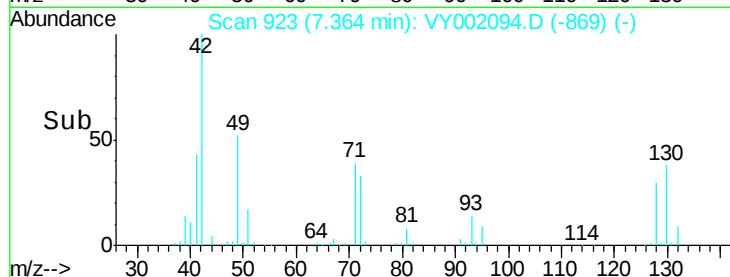
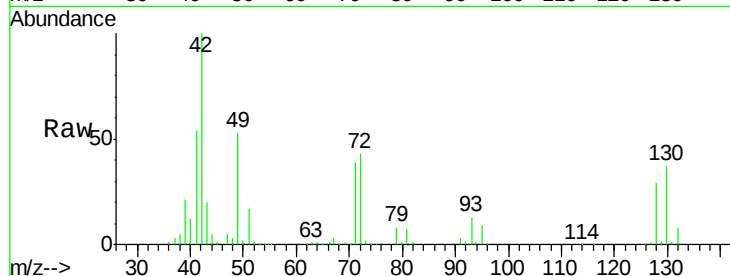




#41
Methacrylonitrile
Concen: 129.741 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.03 min
Lab File: VY002094.D
Acq: 27 Mar 2020 10:37

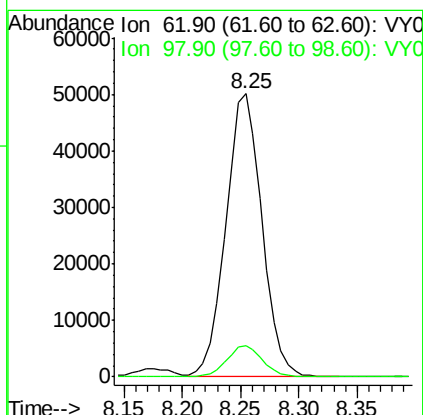
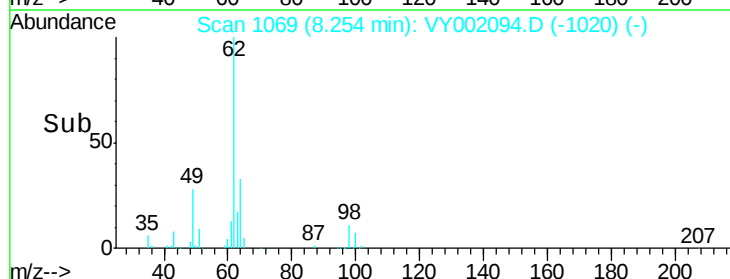
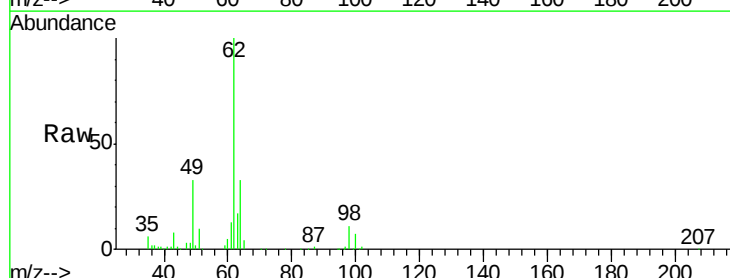
Instrument :
MSVOA_Y
ClientSampleId :
BFB

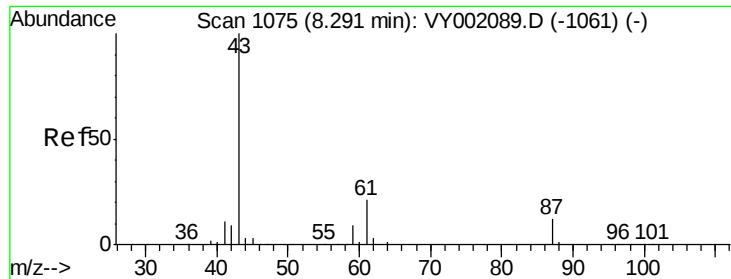
Tgt Ion: 41 Resp: 111412
Ion Ratio Lower Upper
41 100
39 27.0 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#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

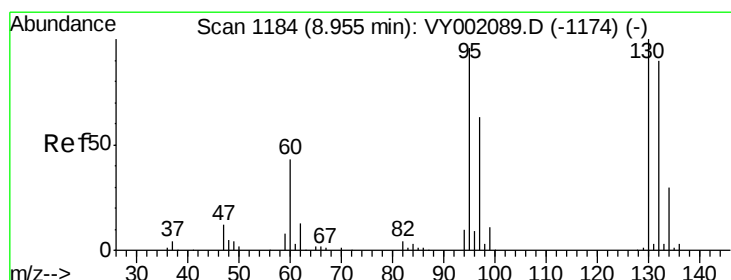
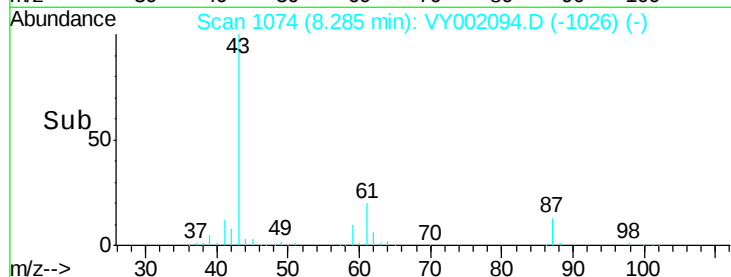
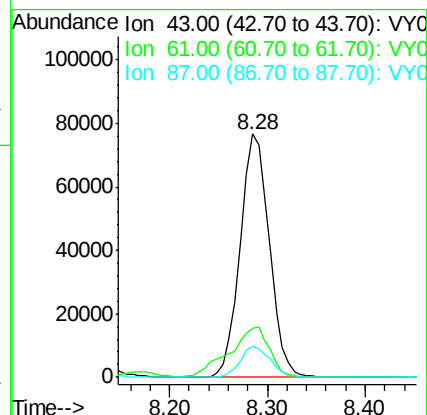
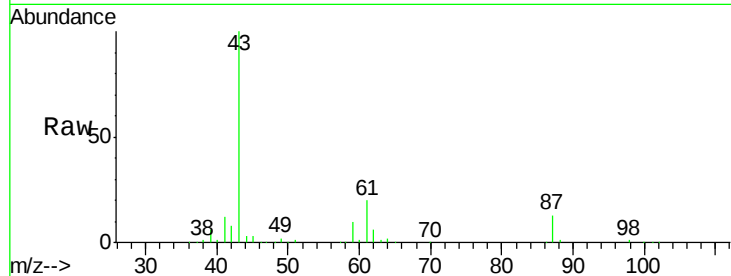




#43
Isopropyl Acetate
Concen: 50.445 ug/l
RT: 8.28 min Scan# 1074
Delta R.T. -0.01 min
Lab File: VY002094.D
Acq: 27 Mar 2020 10:37

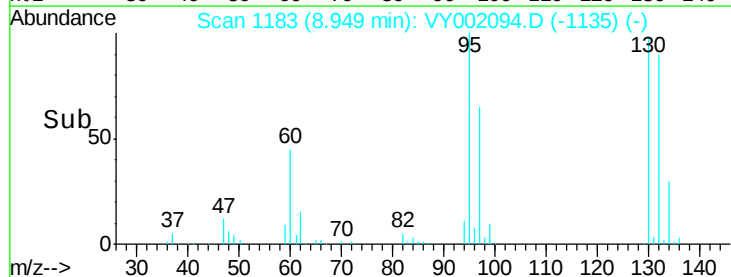
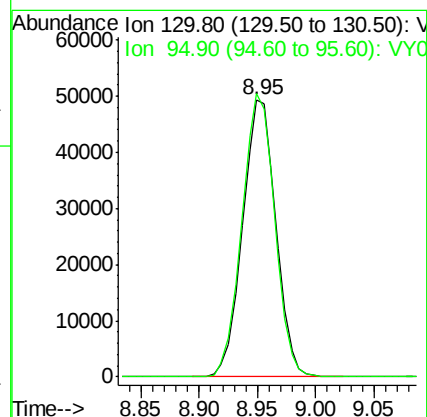
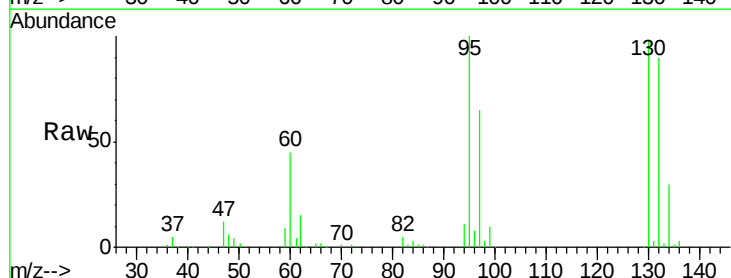
Instrument :
MSVOA_Y
ClientSampleId :
BFB

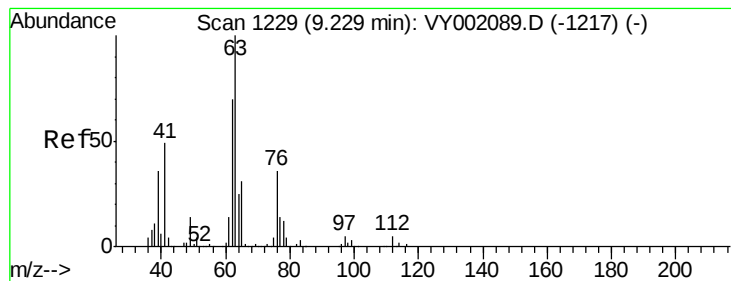
Tgt Ion: 43 Resp: 158947
Ion Ratio Lower Upper
43 100
61 28.5 23.4 35.2
87 12.9 10.2 15.4



#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





#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

ClientSampled :

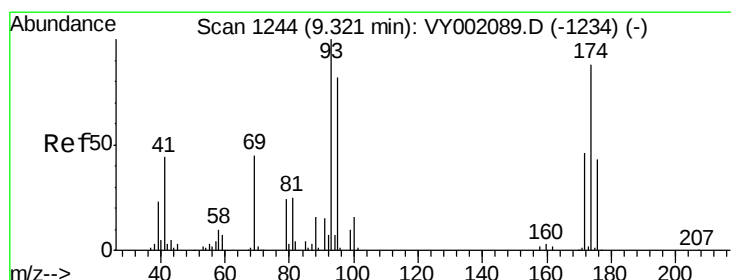
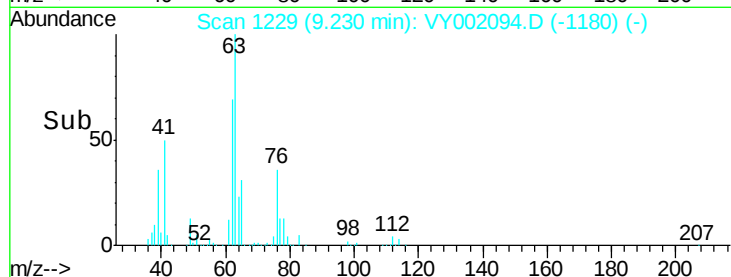
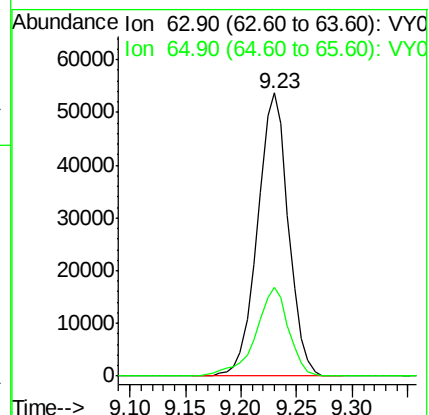
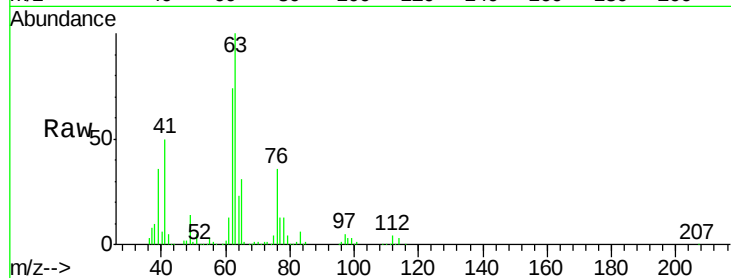
BFB

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

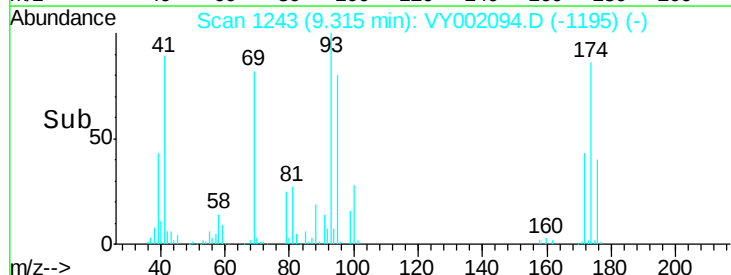
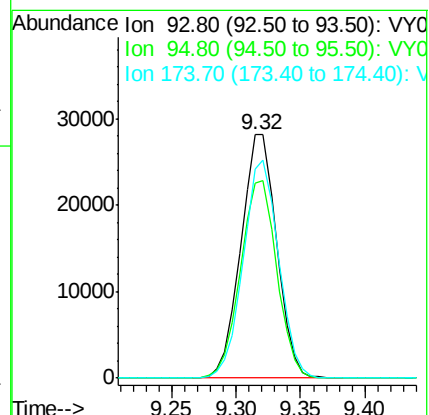
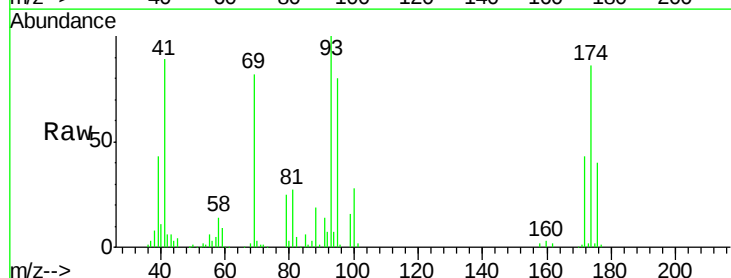
Tgt Ion: 93 Resp: 54253

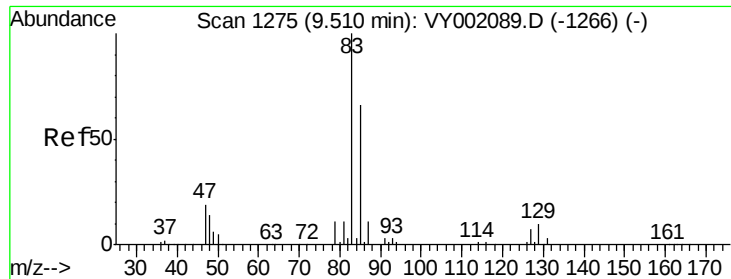
Ion Ratio Lower Upper

93 100

95 82.1 66.0 99.0

174 88.1 69.8 104.8

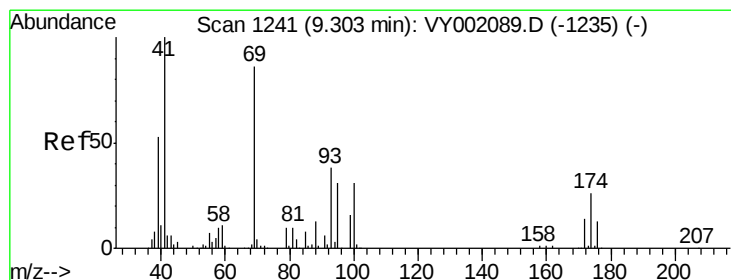
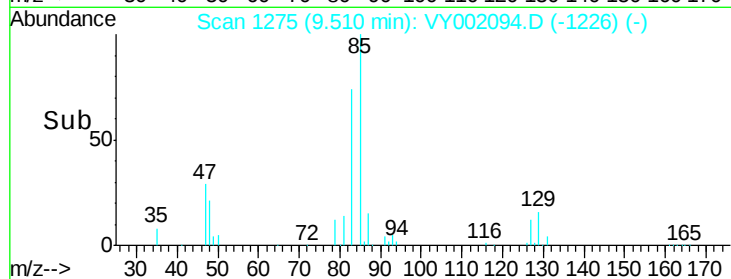
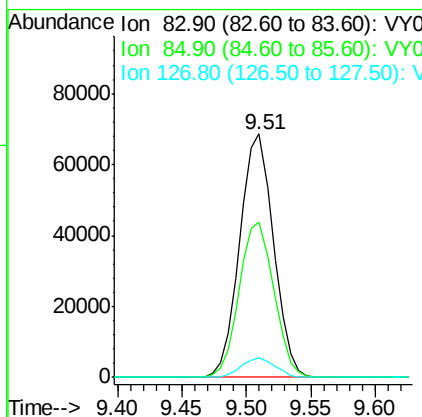
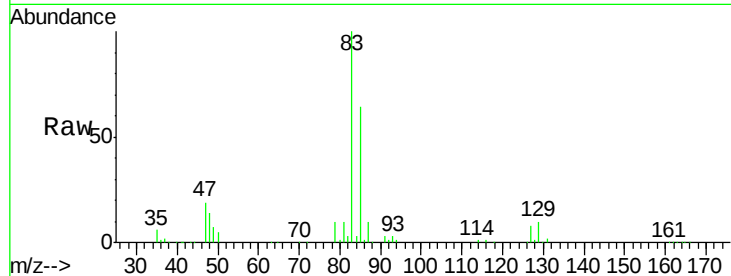




#47
 Bromodichloromethane
 Concen: 49.409 ug/l
 RT: 9.51 min Scan# 1275
 Delta R.T. 0.00 min
 Lab File: VY002094.D
 Acq: 27 Mar 2020 10:37

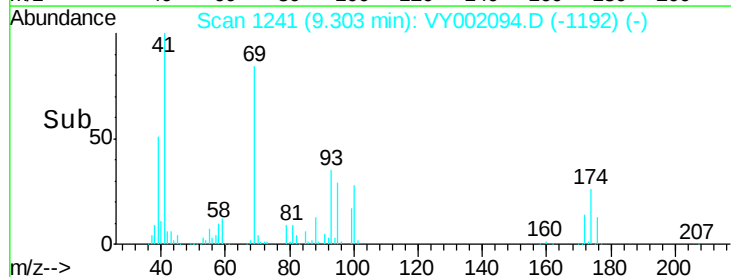
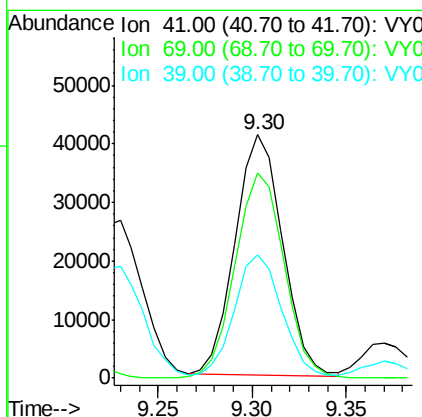
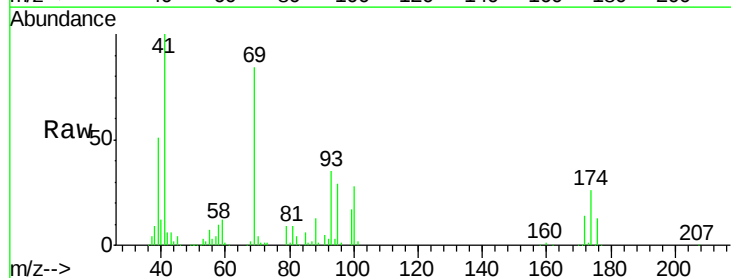
Instrument :
 MSVOA_Y
 ClientSampleId :
 BFB

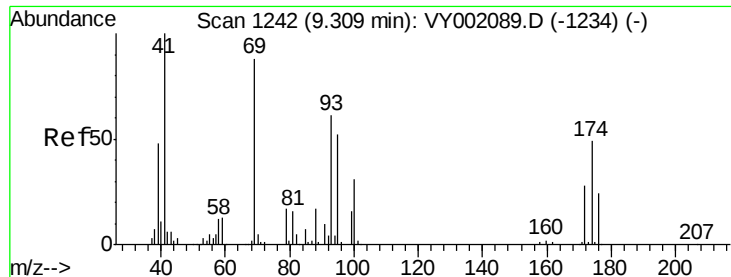
Tgt Ion: 83 Resp: 125161
 Ion Ratio Lower Upper
 83 100
 85 63.7 52.6 79.0
 127 7.8 5.9 8.9



#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

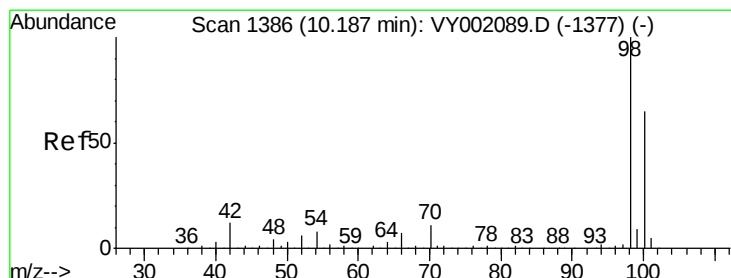
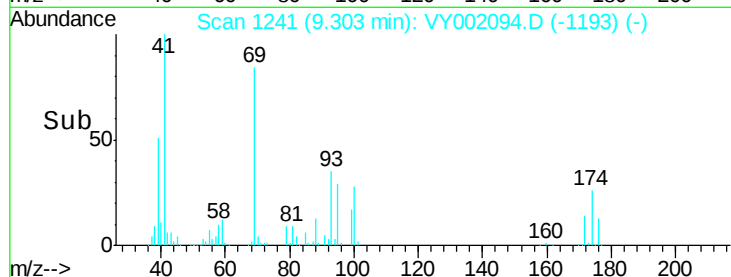
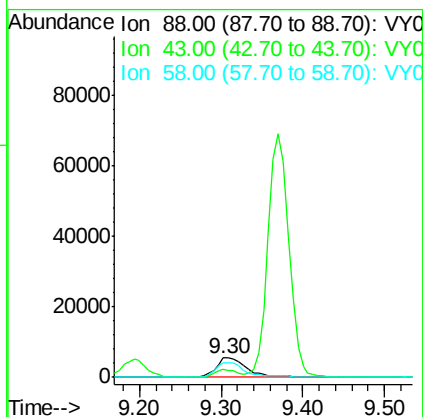
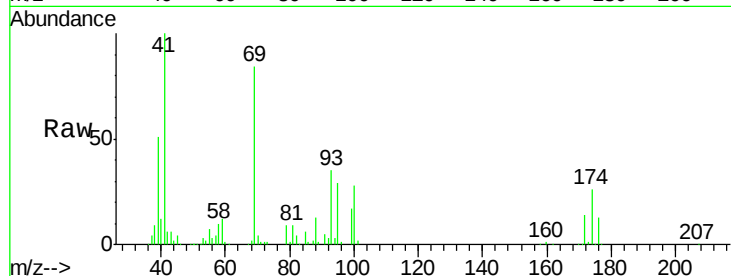




#49
1,4-Dioxane
Concen: 992.434 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VY002094.D
Acq: 27 Mar 2020 10:37

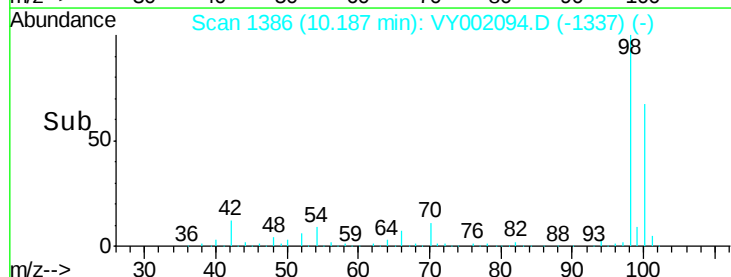
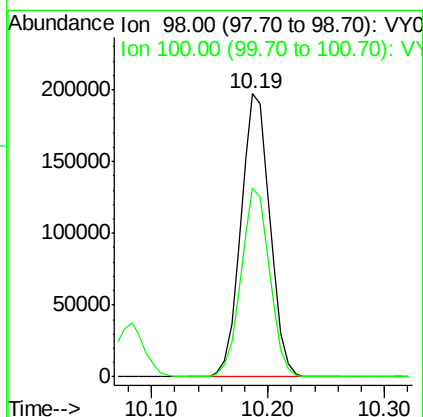
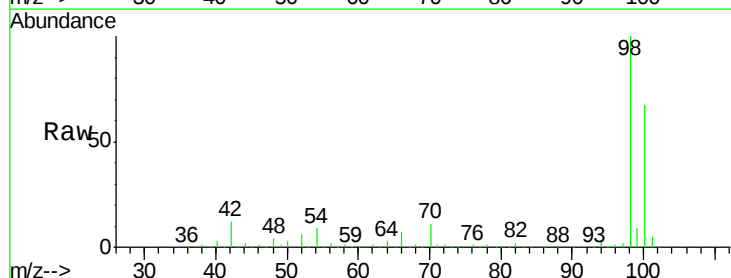
Instrument :
MSVOA_Y
ClientSampled :
BFB

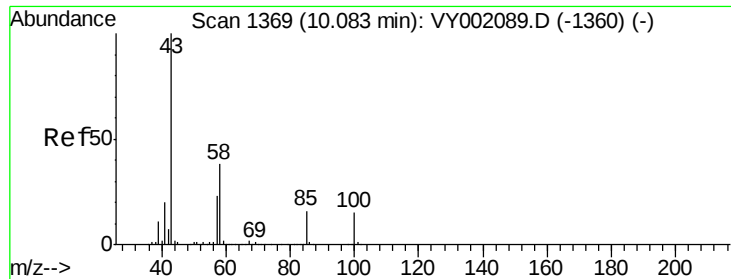
Tgt Ion: 88 Resp: 14819
Ion Ratio Lower Upper
88 100
43 28.8 27.2 40.8
58 67.6 59.8 89.8



#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

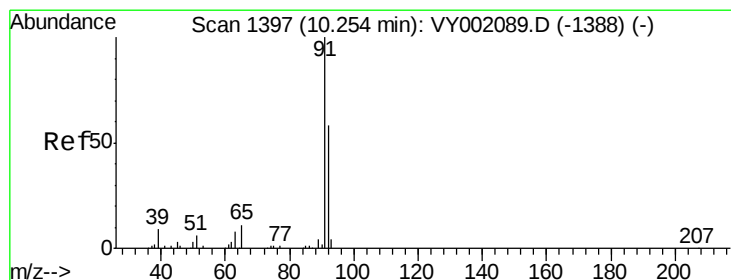
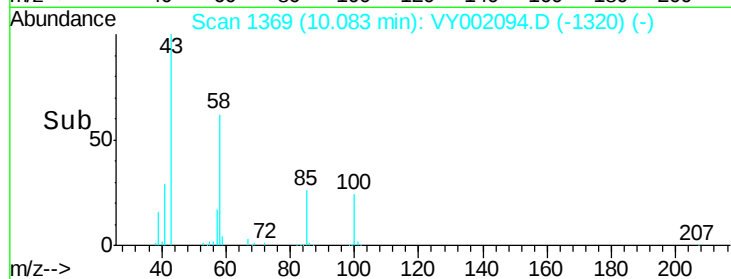
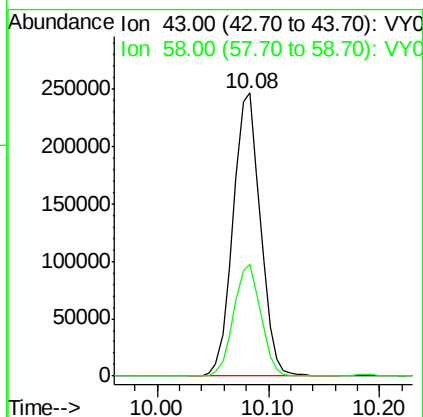
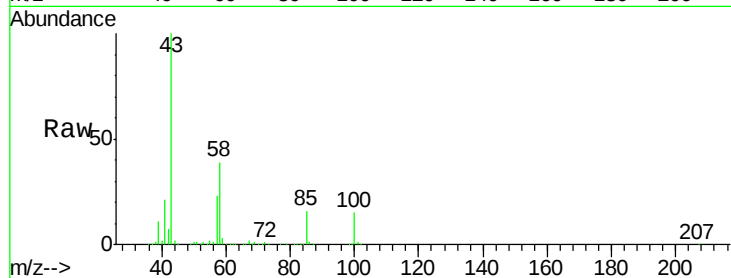




#51
 4-Methyl-2-Pentanone
 Concen: 258.395 ug/l
 RT: 10.08 min Scan# 1369
 Delta R.T. 0.00 min
 Lab File: VY002094.D
 Acq: 27 Mar 2020 10:37

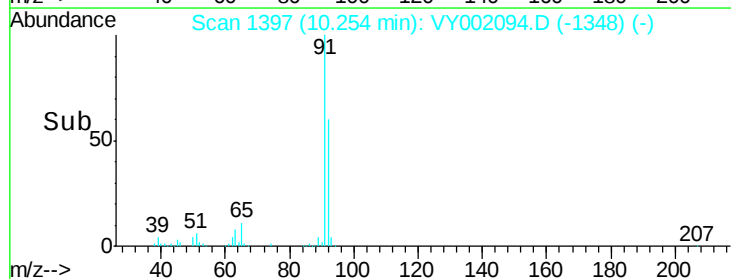
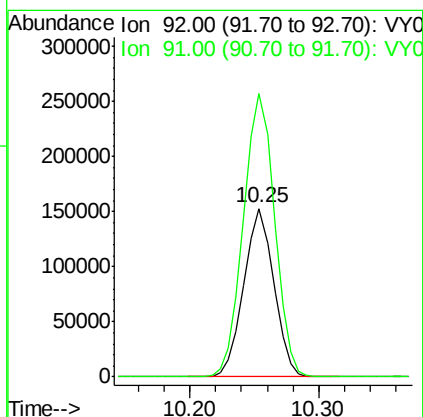
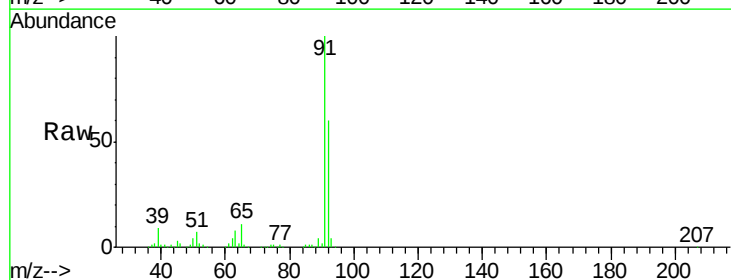
Instrument :
 MSVOA_Y
 ClientSampled :
 BFB

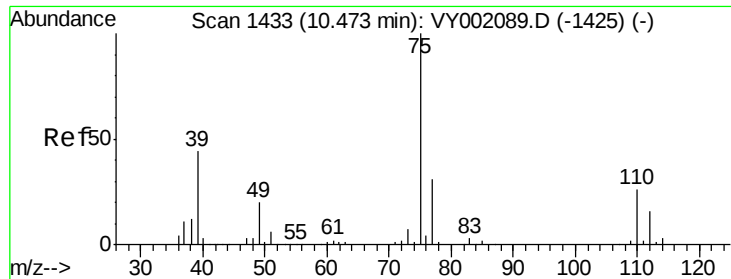
Tgt Ion: 43 Resp: 419240
 Ion Ratio Lower Upper
 43 100
 58 39.4 31.6 47.4



#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

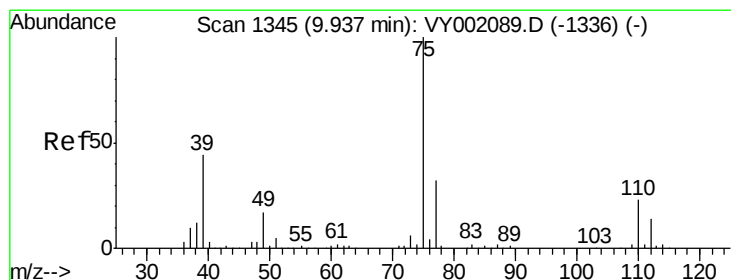
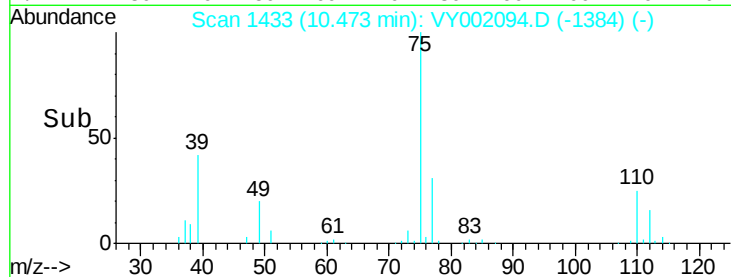
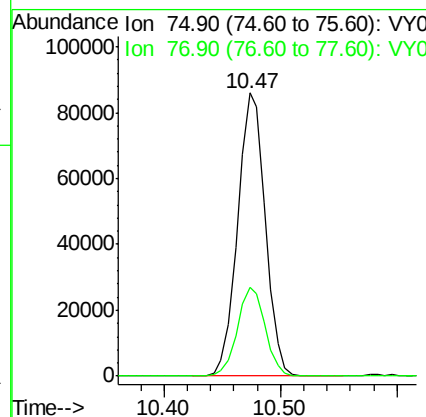
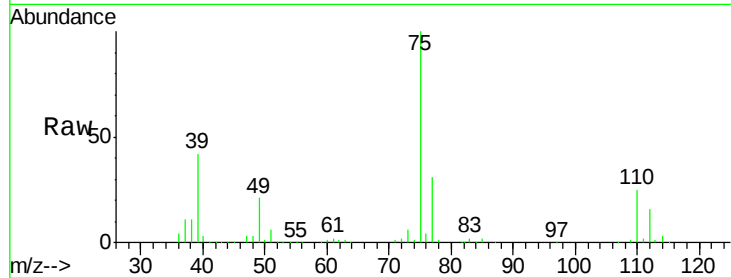




#53
 t-1,3-Dichloropropene
 Concen: 50.523 ug/l
 RT: 10.47 min Scan# 1433
 Delta R.T. 0.00 min
 Lab File: VY002094.D
 Acq: 27 Mar 2020 10:37

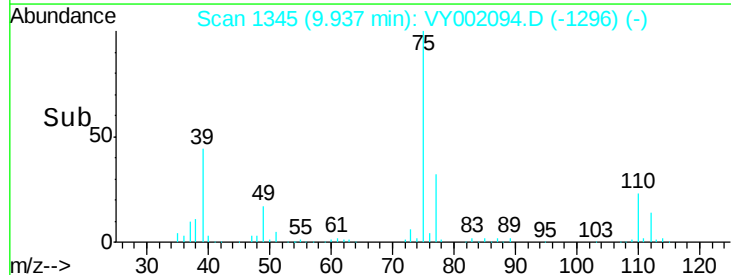
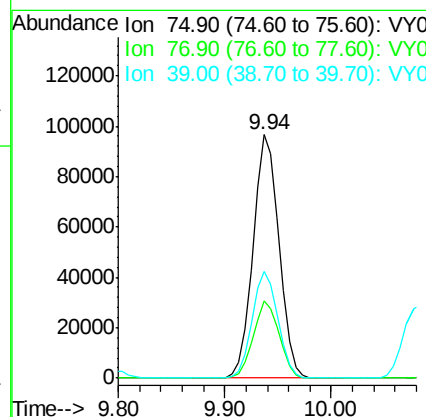
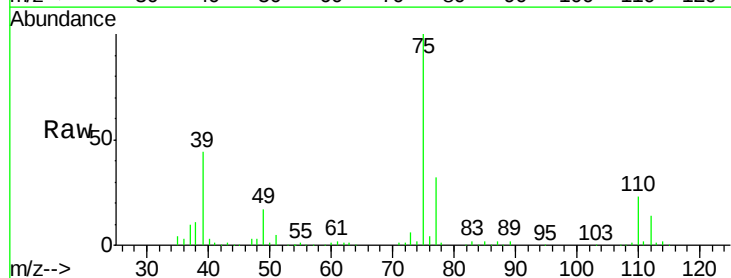
Instrument :
 MSVOA_Y
 ClientSampleId :
 BFB

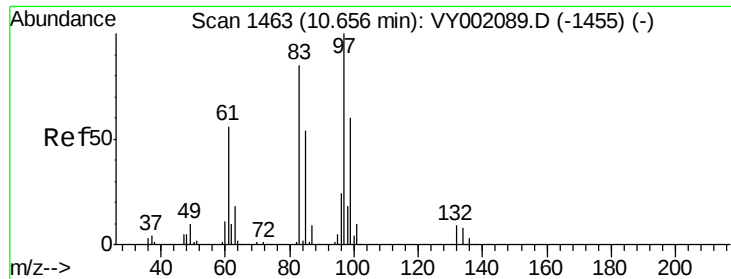
Tgt Ion: 75 Resp: 142050
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.2 37.8



#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

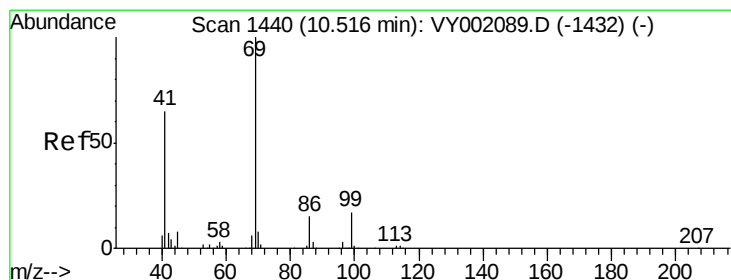
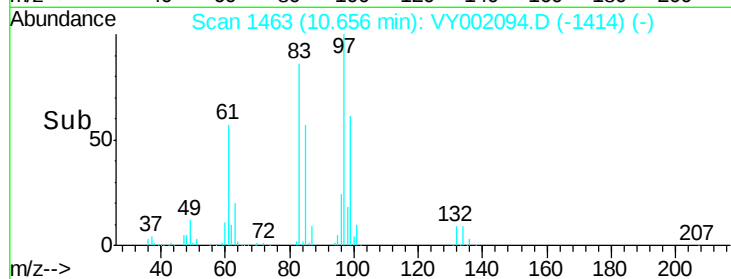
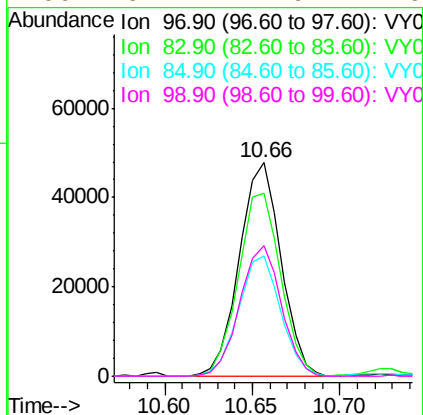
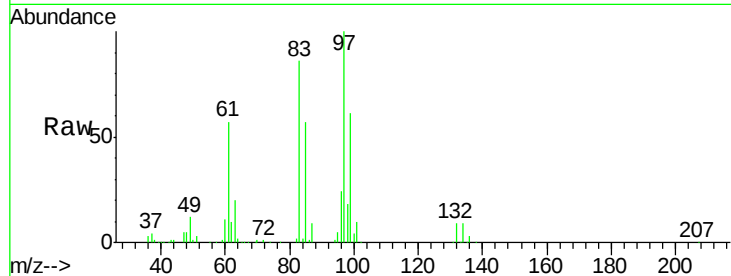




#55
 1,1,2-Trichloroethane
 Concen: 48.834 ug/l
 RT: 10.66 min Scan# 1463
 Delta R.T. 0.00 min
 Lab File: VY002094.D
 Acq: 27 Mar 2020 10:37

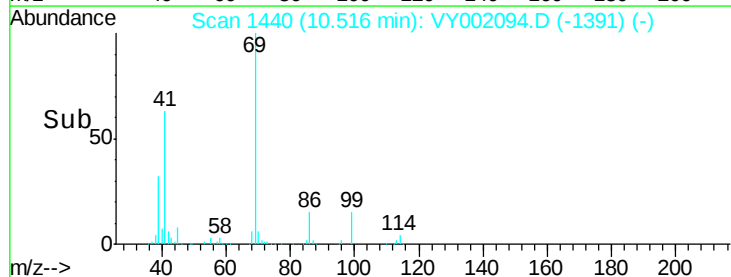
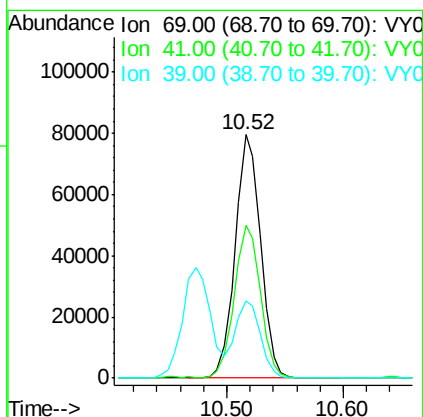
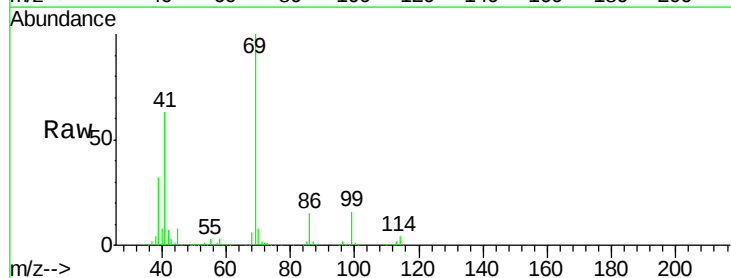
Instrument :
 MSVOA_Y
 ClientSampleId :
 BFB

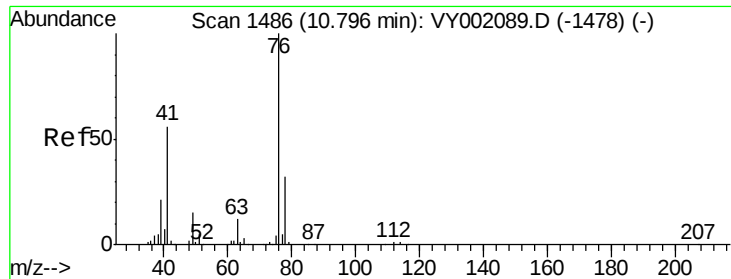
Tgt Ion:	97	Resp:	78647
Ion	Ratio	Lower	Upper
97	100		
83	85.7	68.2	102.2
85	56.6	42.9	64.3
99	61.4	47.9	71.9



#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

ClientSampled :

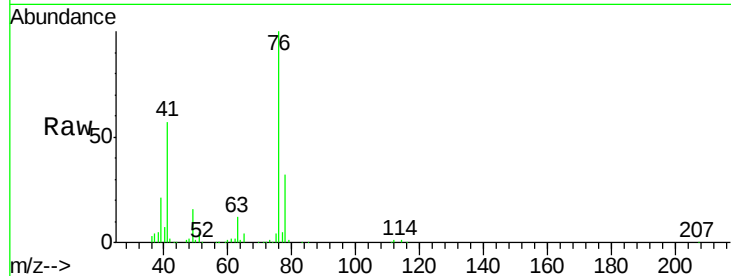
BFB

Tgt Ion: 76 Resp: 140773

Ion Ratio Lower Upper

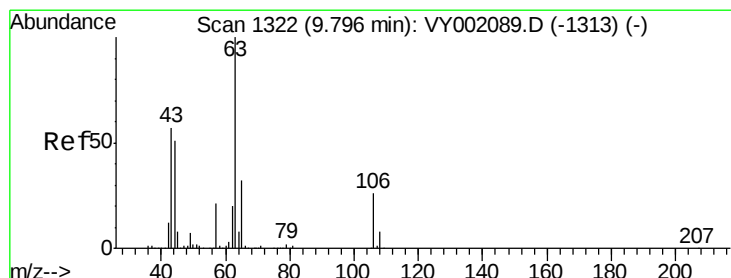
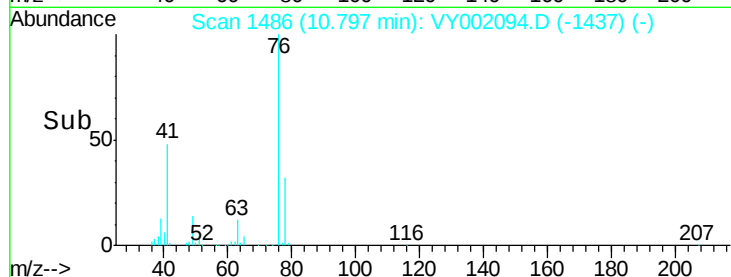
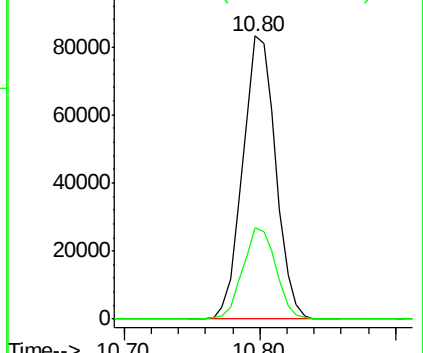
76 100

78 32.3 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 266.479 ug/l

RT: 9.80 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VY002094.D

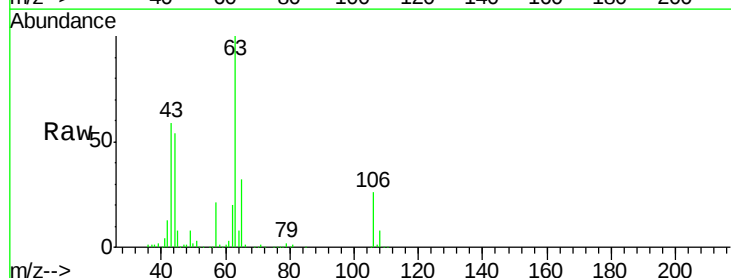
Acq: 27 Mar 2020 10:37

Tgt Ion: 63 Resp: 322089

Ion Ratio Lower Upper

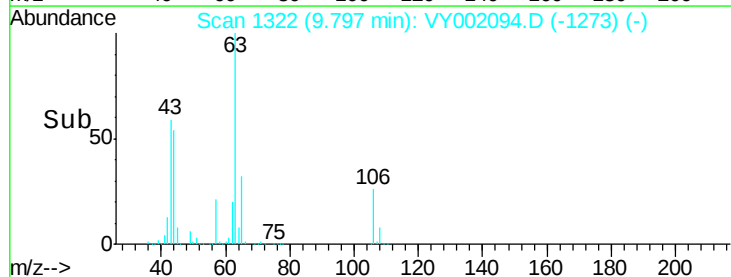
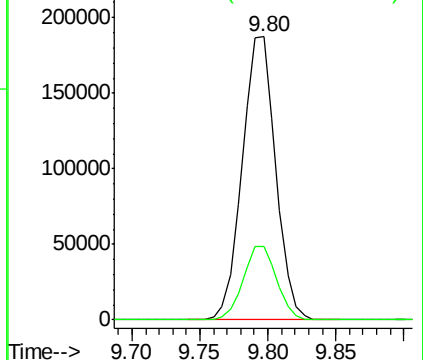
63 100

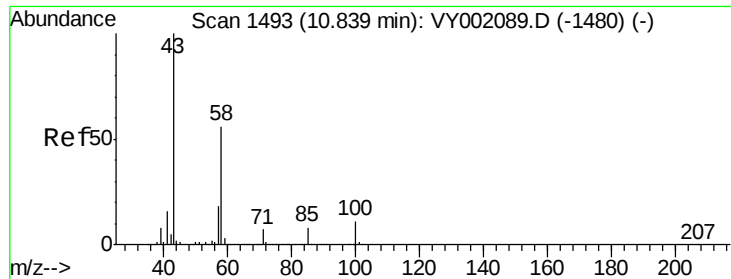
106 25.9 21.0 31.4



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

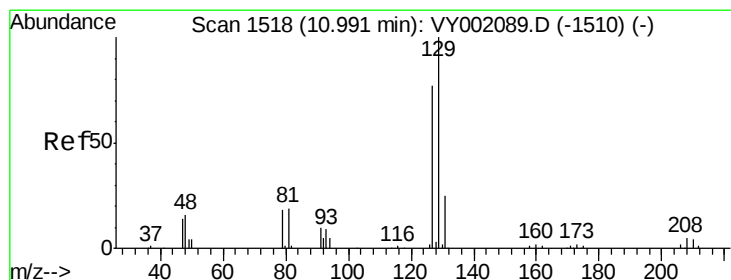
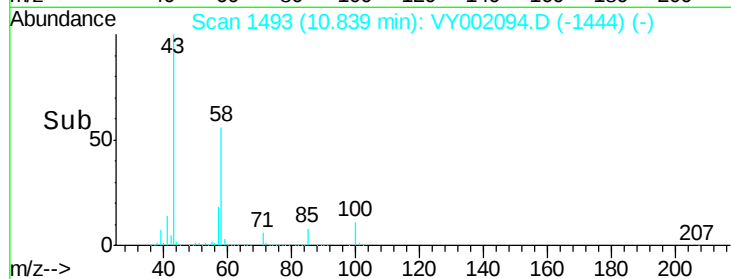
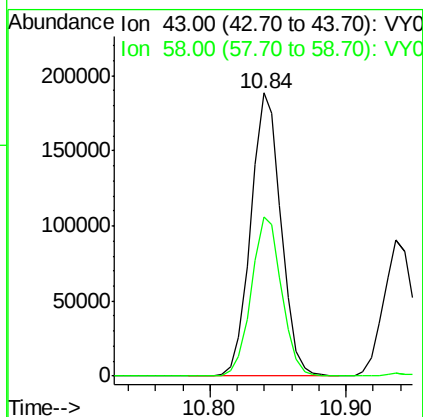
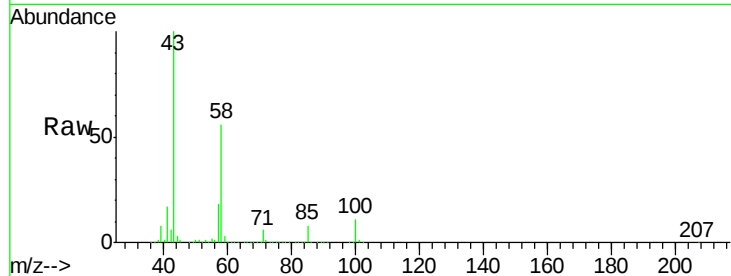




#59
2-Hexanone
Concen: 256.598 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VY002094.D
Acq: 27 Mar 2020 10:37

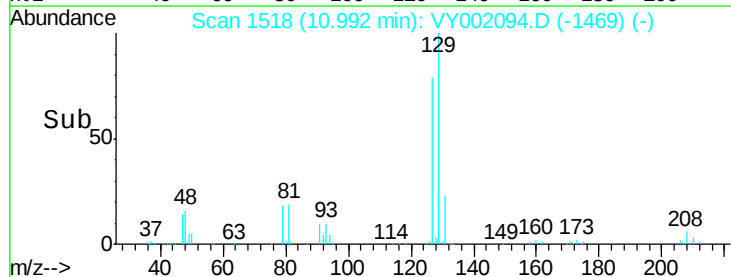
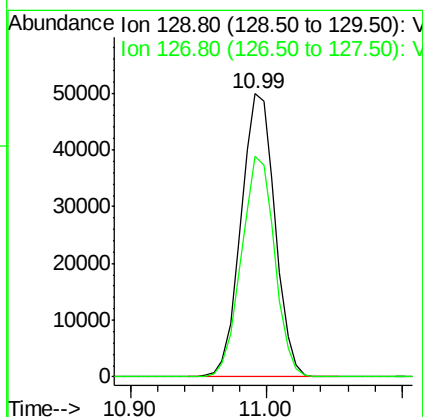
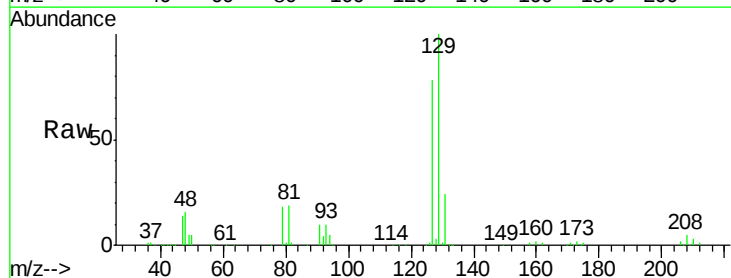
Instrument :
MSVOA_Y
ClientSampled :
BFB

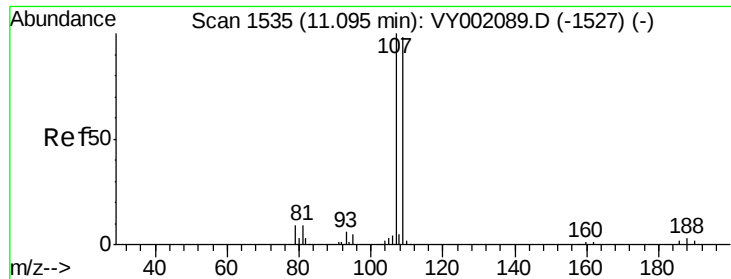
Tgt Ion: 43 Resp: 293266
Ion Ratio Lower Upper
43 100
58 56.3 27.9 83.6



#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

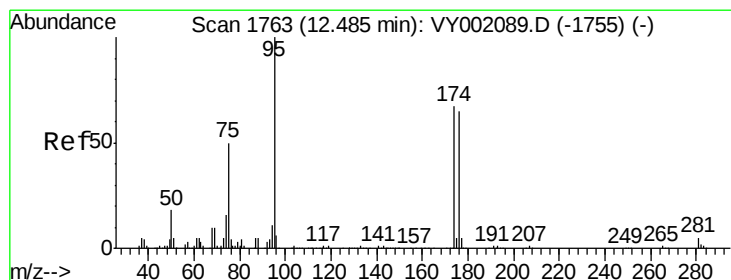
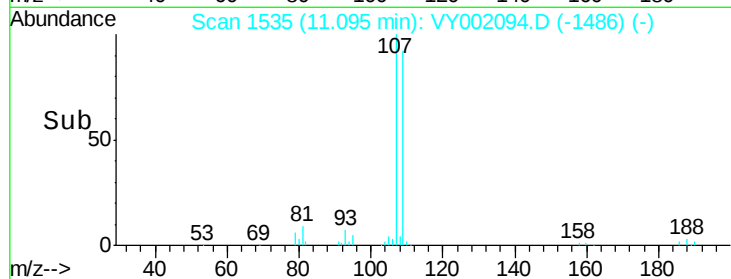
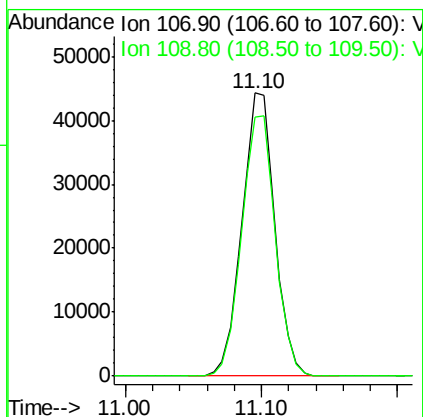
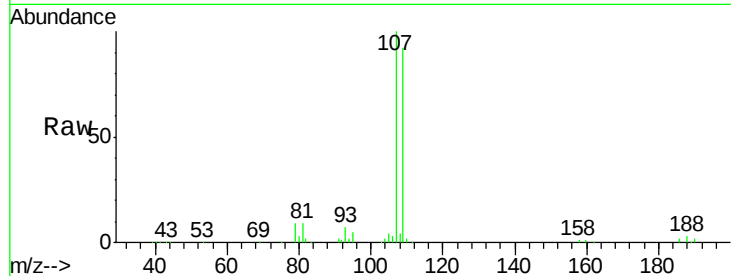




#61
 1,2-Dibromoethane
 Concen: 49.554 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VY002094.D
 Acq: 27 Mar 2020 10:37

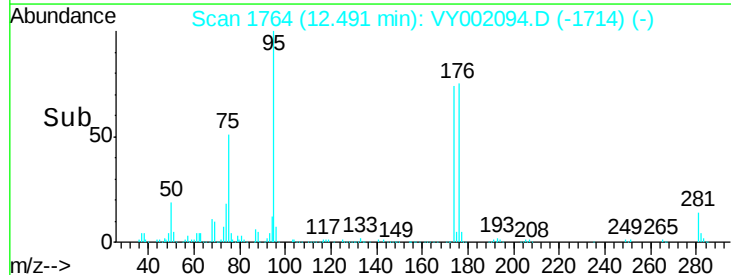
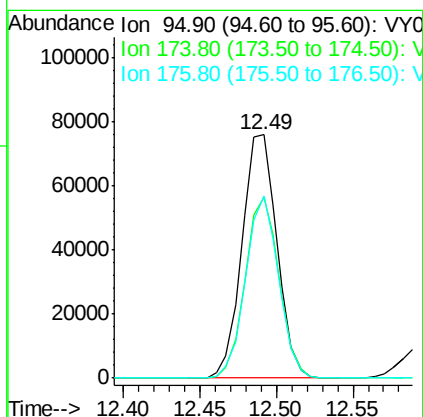
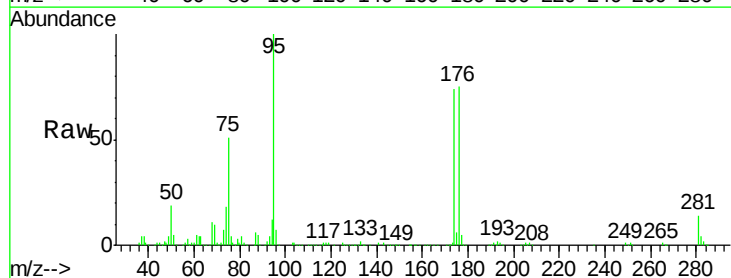
Instrument :
 MSVOA_Y
 ClientSampleId :
 BFB

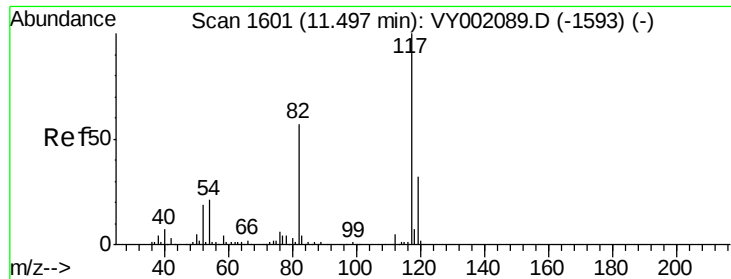
Tgt Ion: 107 Resp: 74698
 Ion Ratio Lower Upper
 107 100
 109 94.2 76.3 114.5



#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

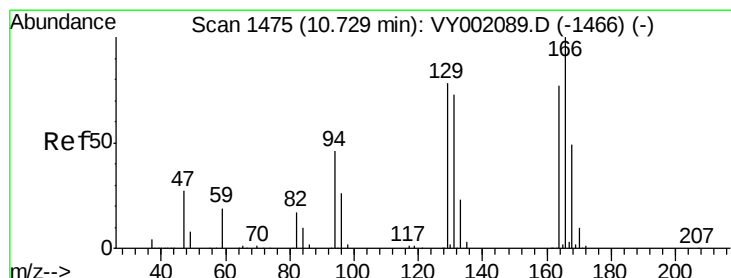
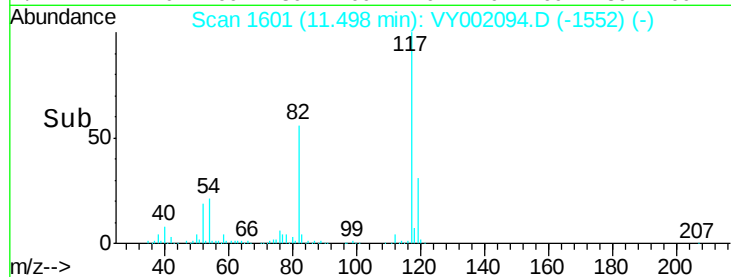
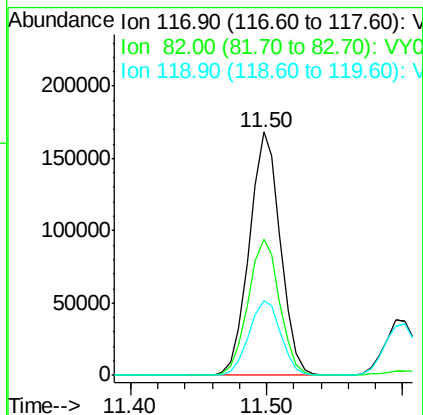
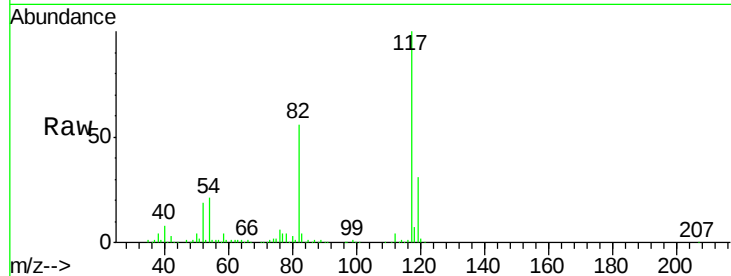




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY002094.D
Acq: 27 Mar 2020 10:37

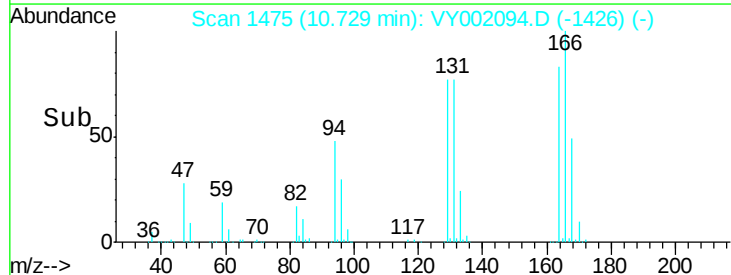
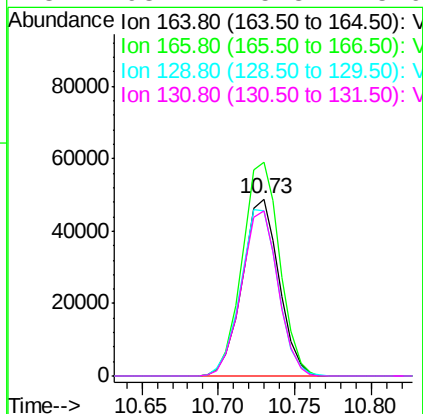
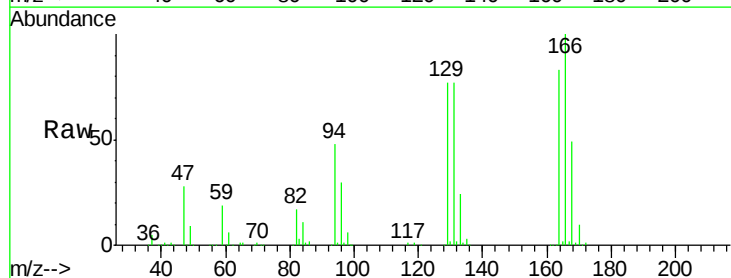
Instrument :
MSVOA_Y
ClientSampleId :
BFB

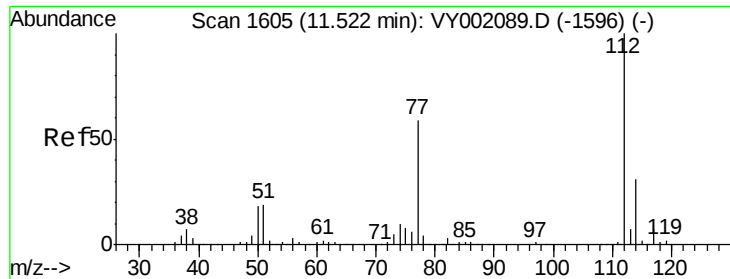
Tgt Ion:117 Resp: 268573
Ion Ratio Lower Upper
117 100
82 55.8 45.4 68.2
119 30.8 25.3 37.9



#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 :

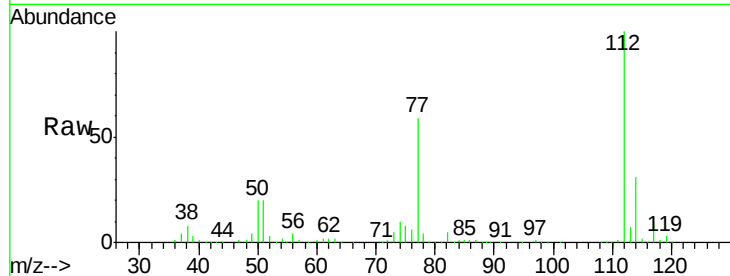
BFB

Tgt Ion:112 Resp: 255102

Ion Ratio Lower Upper

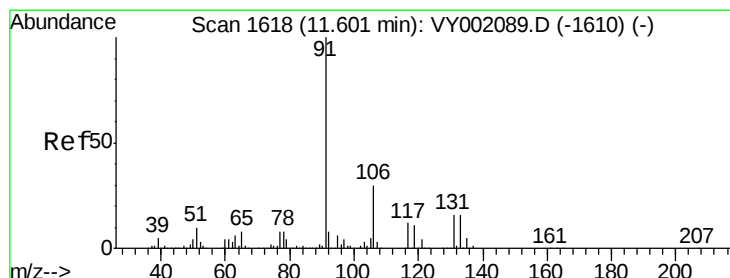
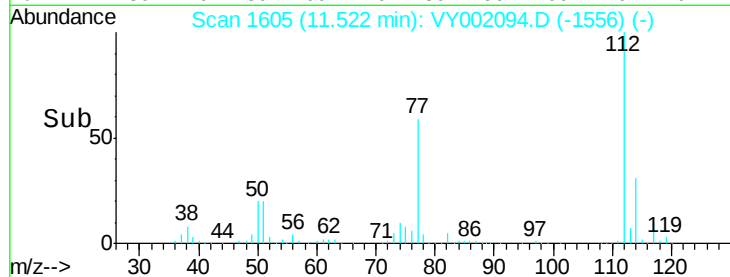
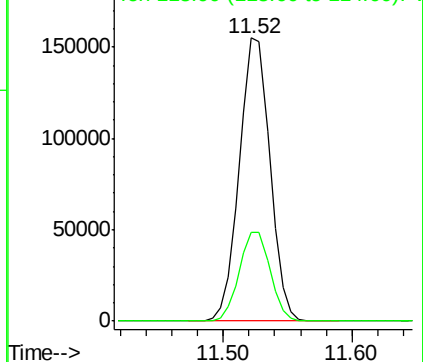
112 100

114 31.5 24.9 37.3



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 50.165 ug/l

RT: 11.60 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VY002094.D

Acq: 27 Mar 2020 10:37

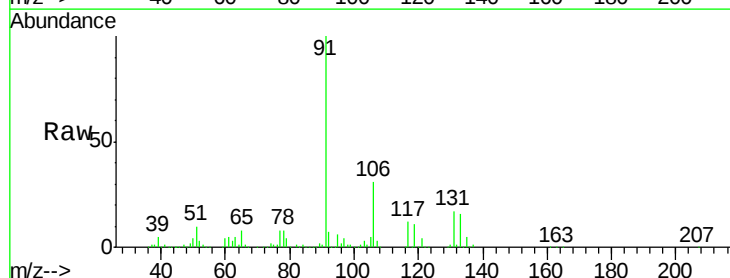
Tgt Ion:131 Resp: 87007

Ion Ratio Lower Upper

131 100

133 94.5 47.5 142.5

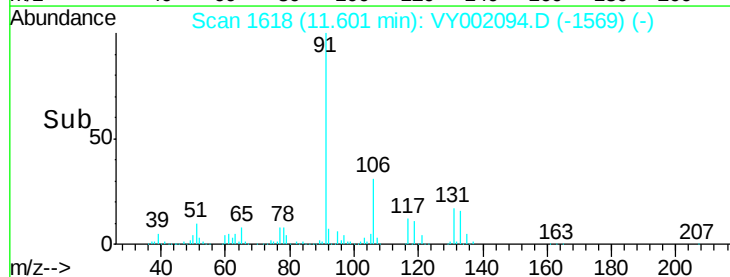
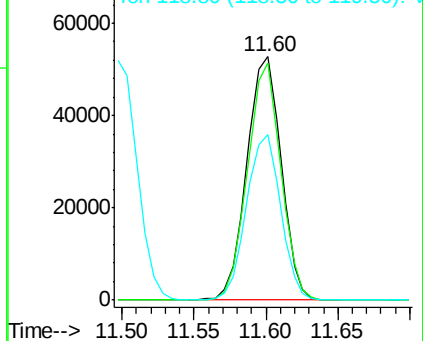
119 67.7 34.6 103.9

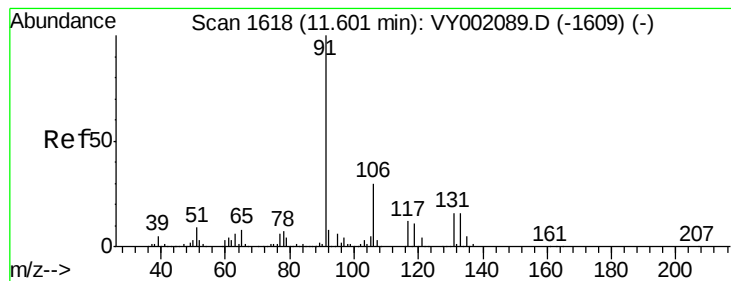


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 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

ClientSampled :

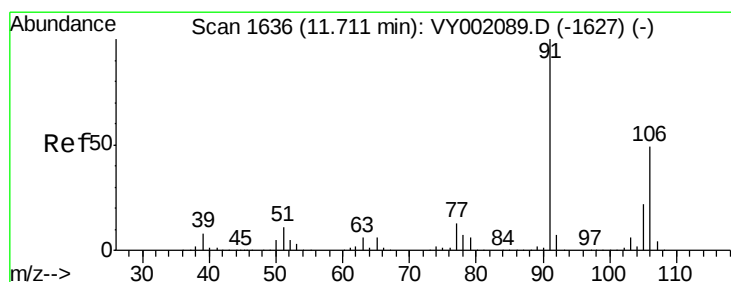
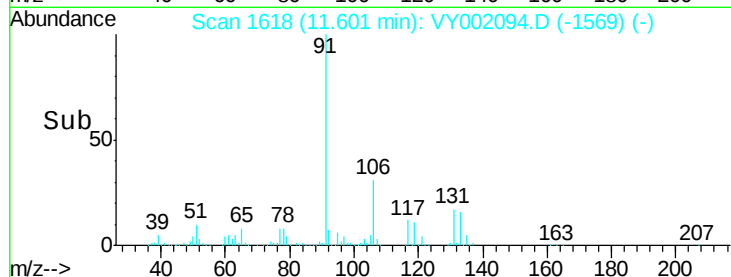
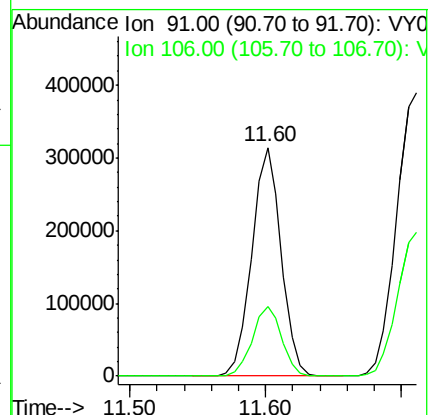
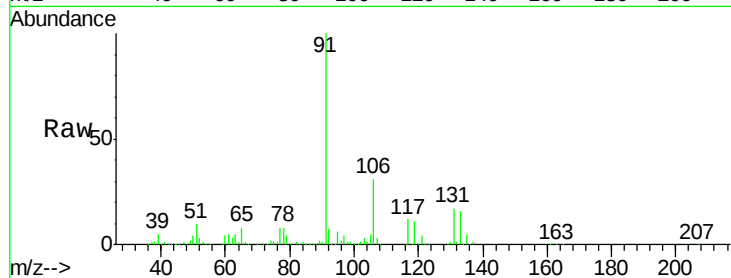
BFB

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

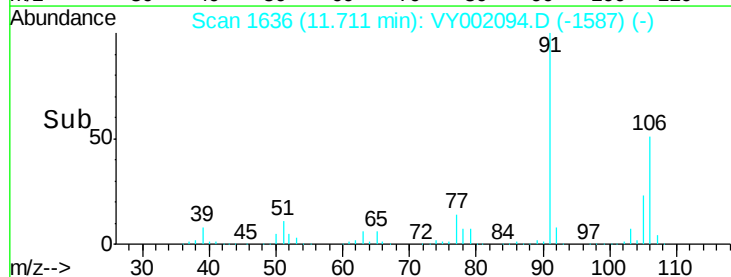
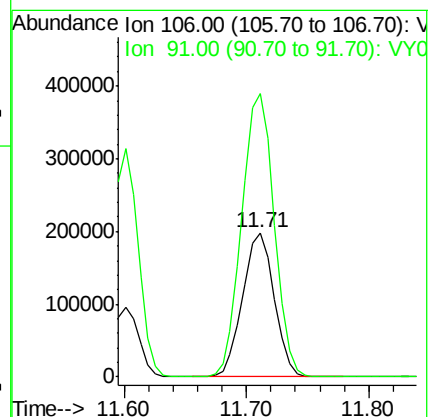
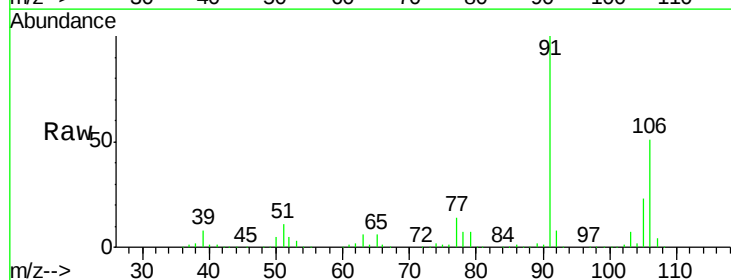
Acq: 27 Mar 2020 10:37

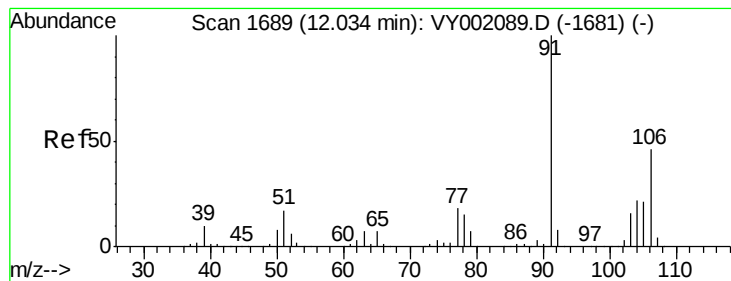
Tgt Ion: 106 Resp: 354300

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 :

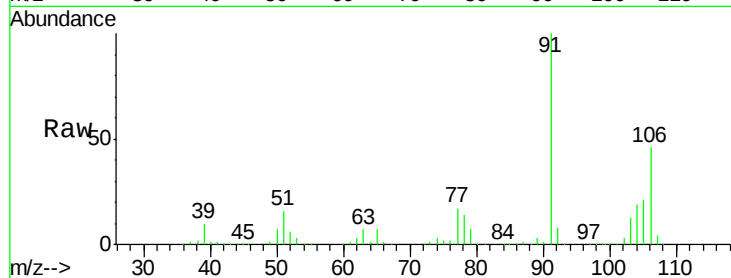
BFB

Tgt Ion:106 Resp: 167122

Ion Ratio Lower Upper

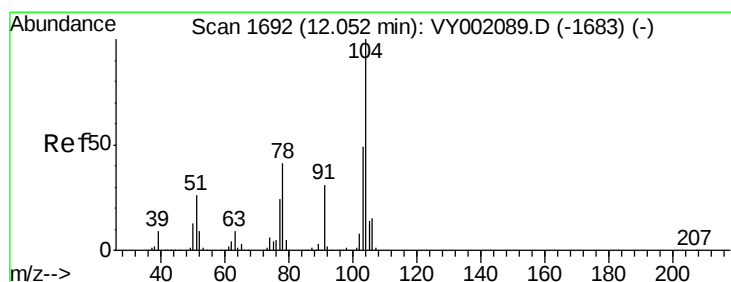
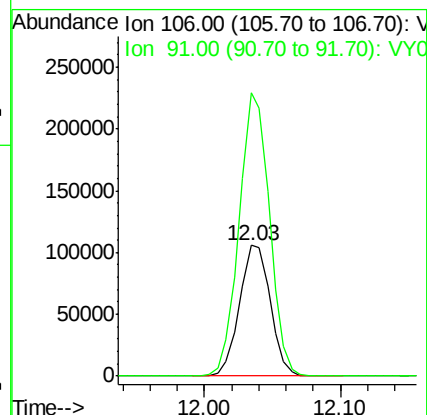
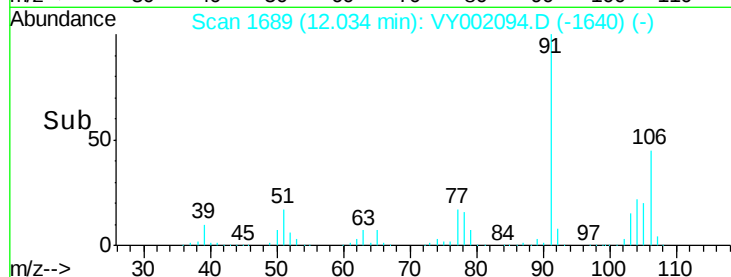
106 100

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

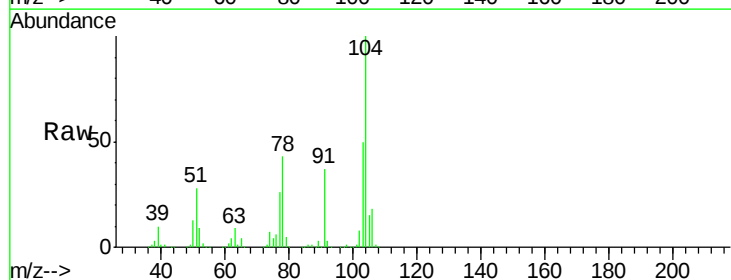
Tgt Ion:104 Resp: 292763

Ion Ratio Lower Upper

104 100

78 48.2 37.9 56.9

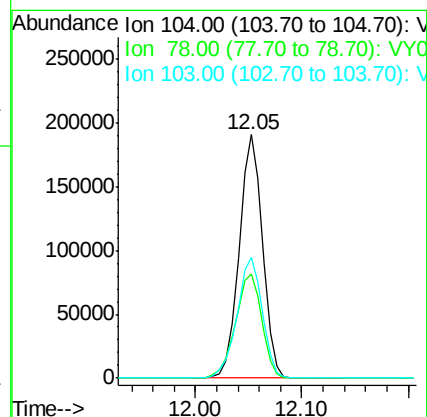
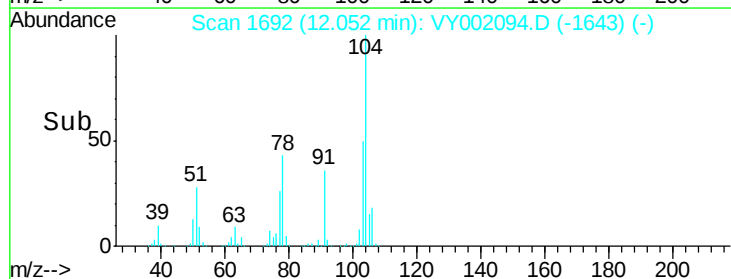
103 53.8 43.2 64.8

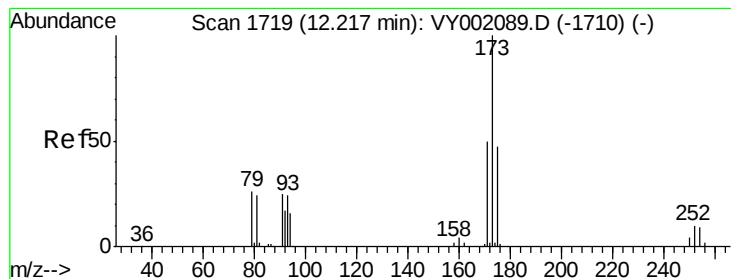


Abundance Ion 104.00 (103.70 to 104.70): V

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 :

BFB

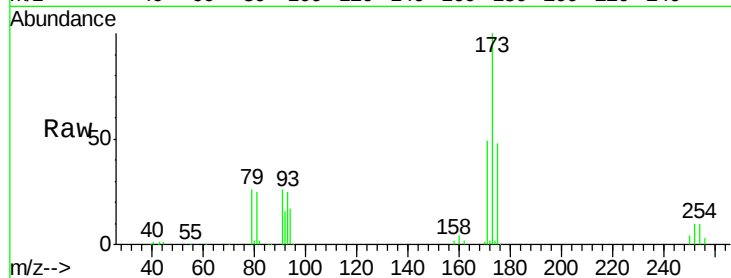
Tgt Ion:173 Resp: 49103

Ion Ratio Lower Upper

173 100

175 48.0 23.9 71.8

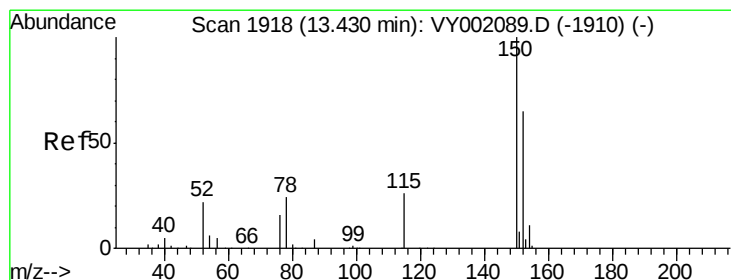
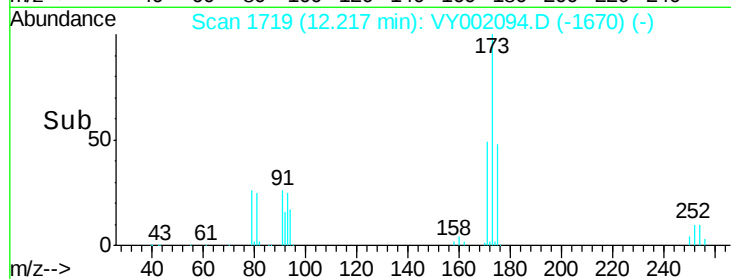
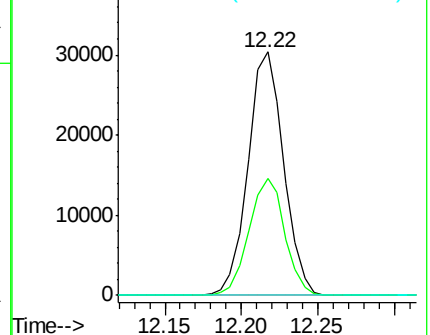
254 0.0 0.0 0.0



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

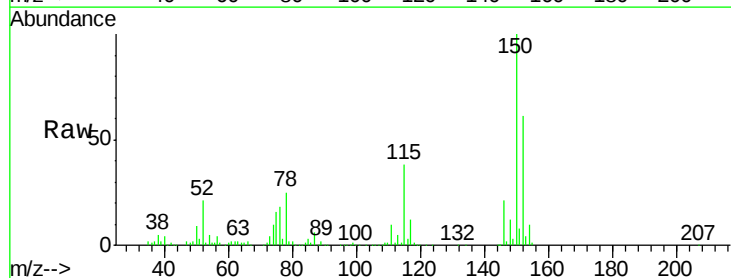
Tgt Ion:152 Resp: 123424

Ion Ratio Lower Upper

152 100

115 61.9 31.2 93.6

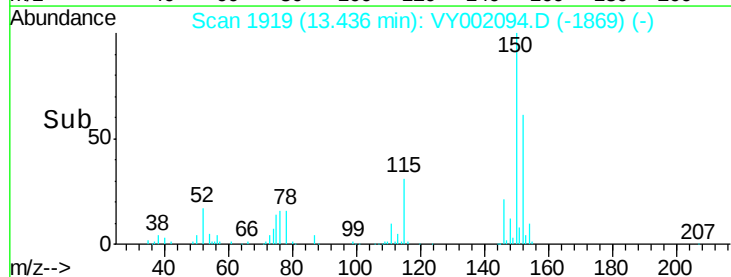
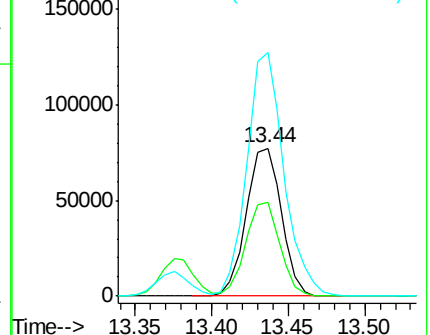
150 173.7 0.0 354.8

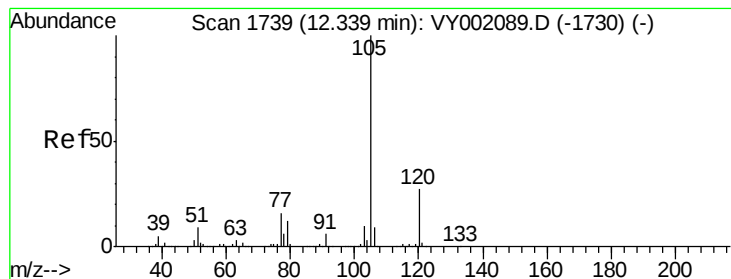


Abundance Ion 151.90 (151.60 to 152.60): V

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 :

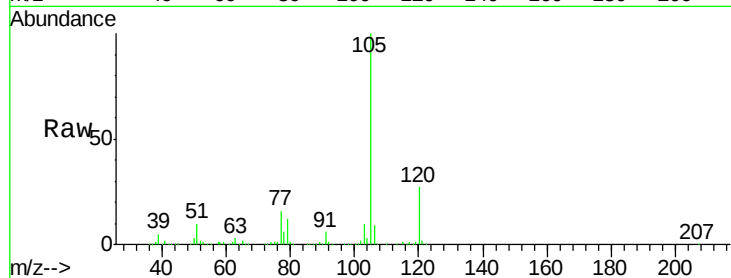
BFB

Tgt Ion:105 Resp: 452278

Ion Ratio Lower Upper

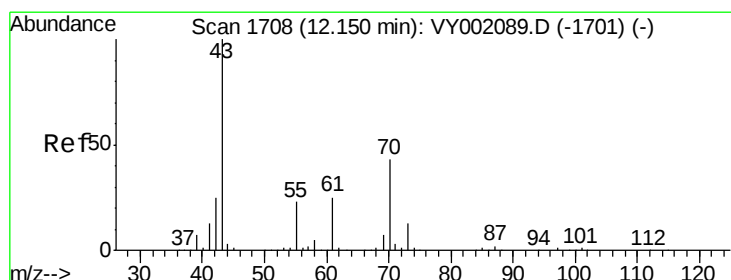
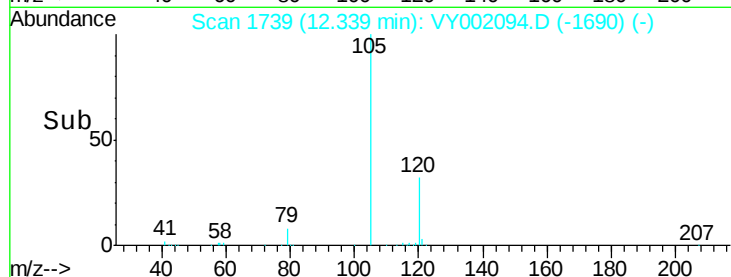
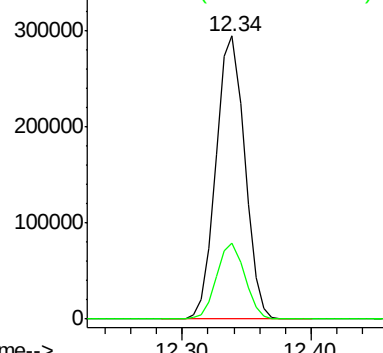
105 100

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



#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

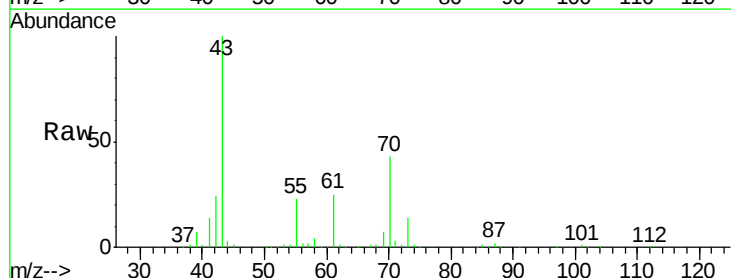
Ion Ratio Lower Upper

43 100

70 43.3 35.0 52.4

55 23.2 18.7 28.1

61 25.1 20.2 30.2

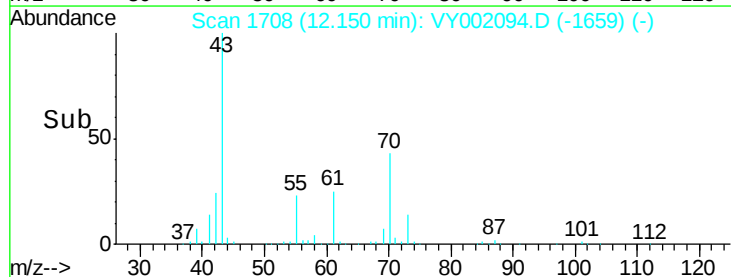
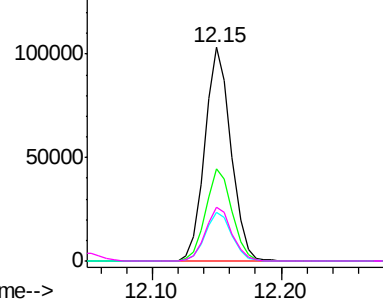


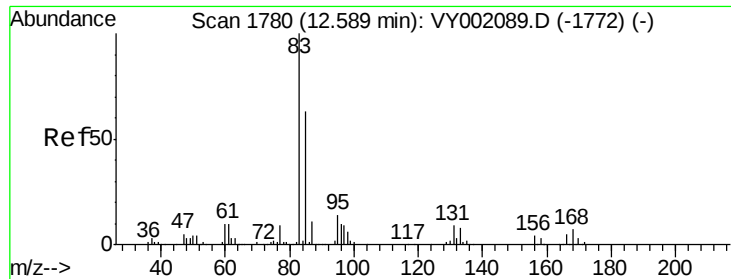
Abundance Ion 43.00 (42.70 to 43.70): VY0

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





#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 :

BFB

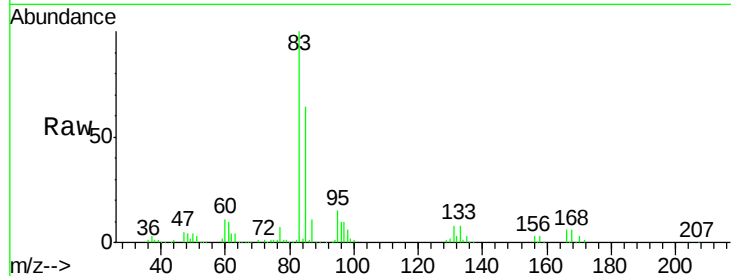
Tgt Ion: 83 Resp: 100800

Ion Ratio Lower Upper

83 100

131 8.7 4.7 14.1

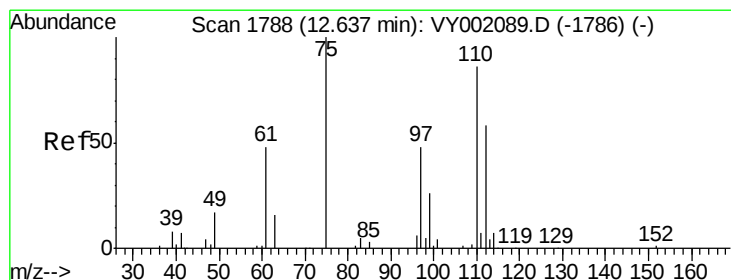
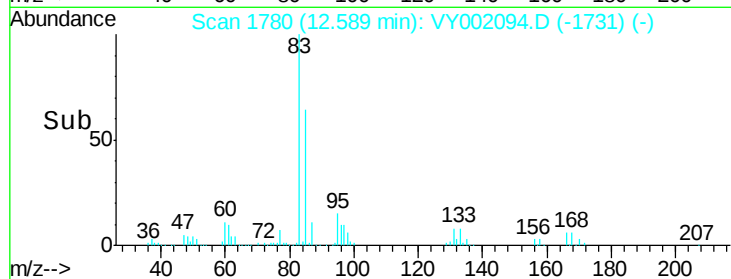
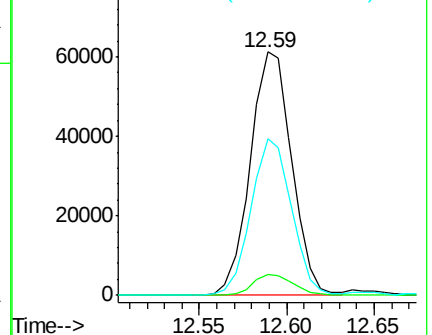
85 63.0 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VY002094.D (-1731) (-)

Ion 130.80 (130.50 to 131.50): VY002094.D (-1731) (-)

Ion 84.90 (84.60 to 85.60): VY002094.D (-1731) (-)



#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

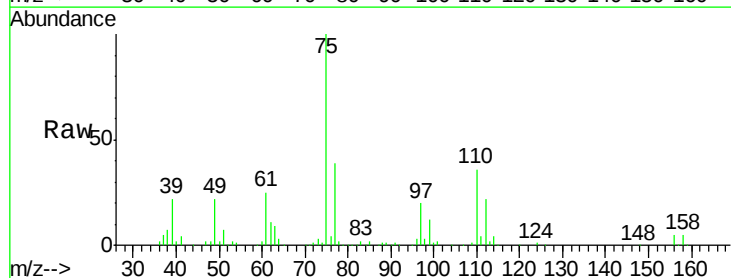
Acq: 27 Mar 2020 10:37

Tgt Ion: 75 Resp: 129797

Ion Ratio Lower Upper

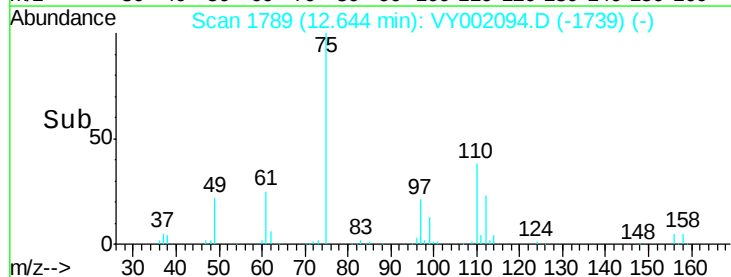
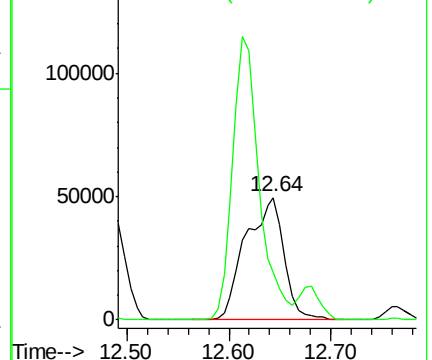
75 100

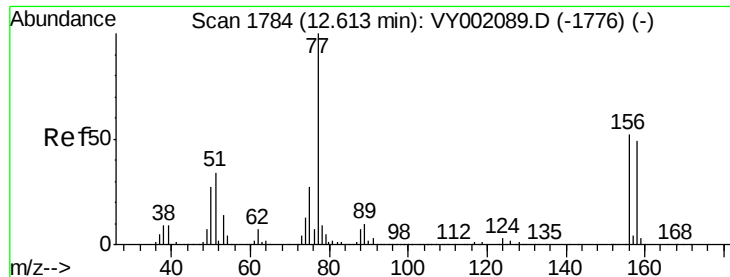
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY002094.D (-1739) (-)

Ion 77.00 (76.70 to 77.70): VY002094.D (-1739) (-)





#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 :

BFB

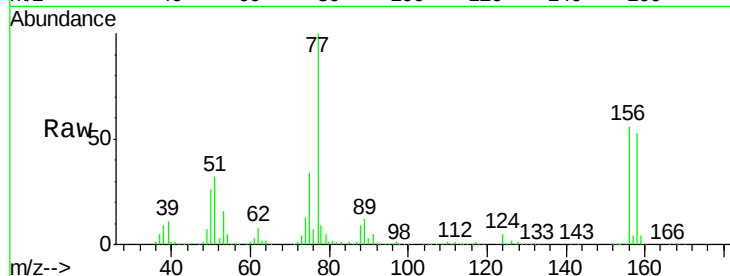
Tgt Ion:156 Resp: 96381

Ion Ratio Lower Upper

156 100

77 215.9 107.8 323.6

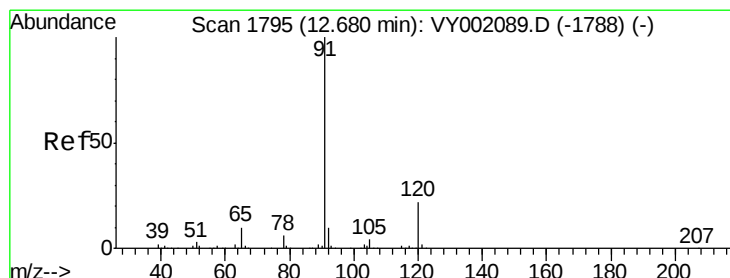
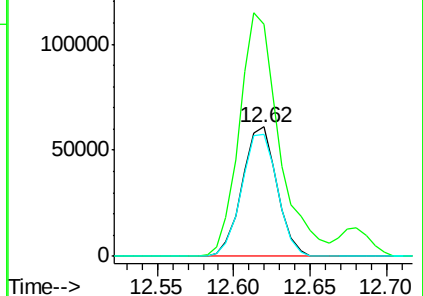
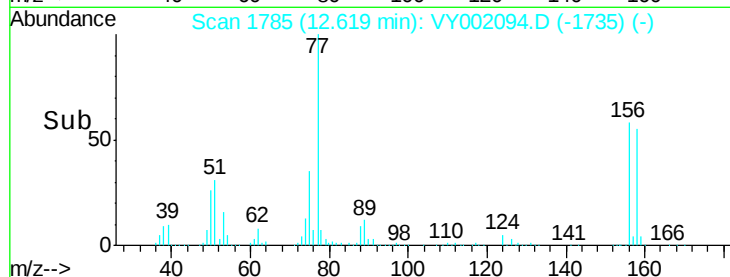
158 97.4 47.5 142.6



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

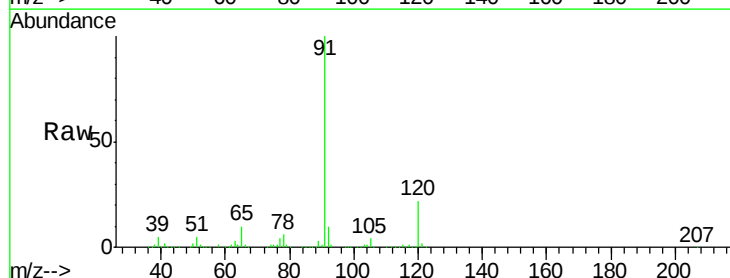
Acq: 27 Mar 2020 10:37

Tgt Ion: 91 Resp: 557488

Ion Ratio Lower Upper

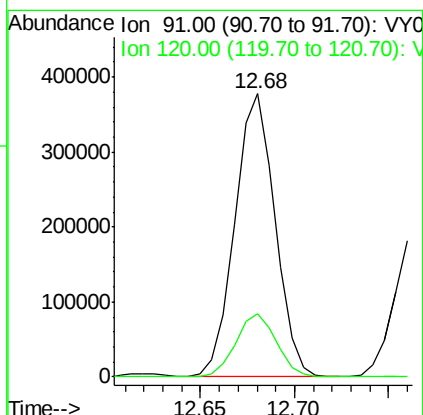
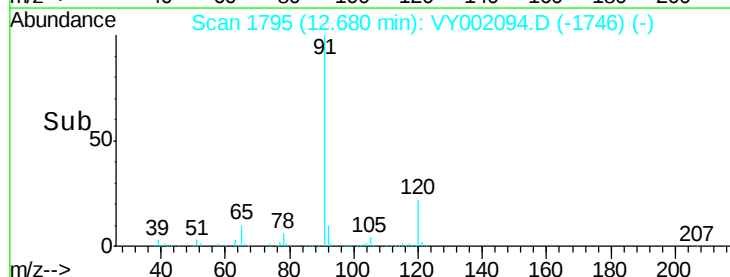
91 100

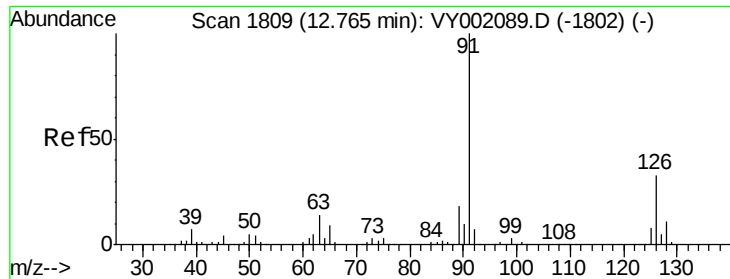
120 22.4 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

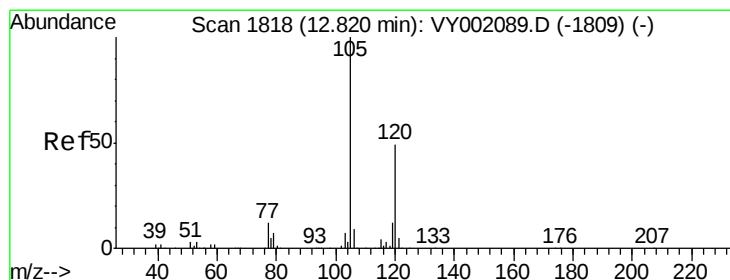
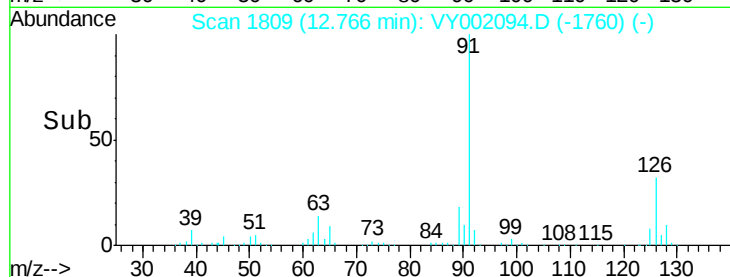
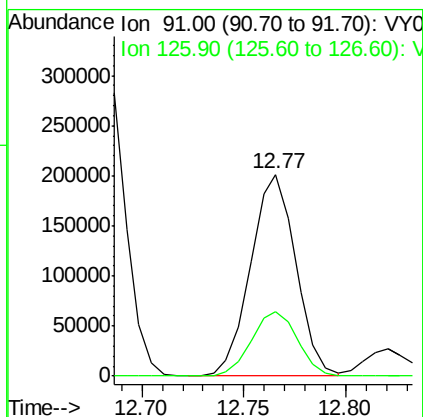
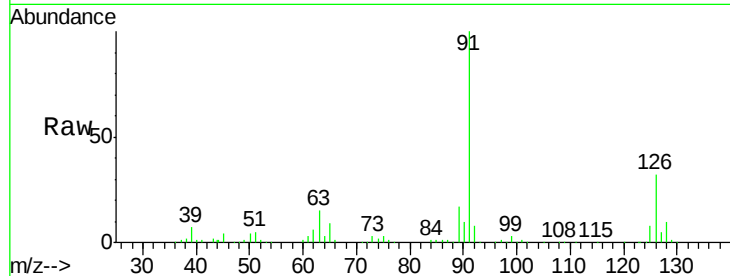




#79
 2-Chlorotoluene
 Concen: 49.647 ug/l
 RT: 12.77 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VY002094.D
 Acq: 27 Mar 2020 10:37

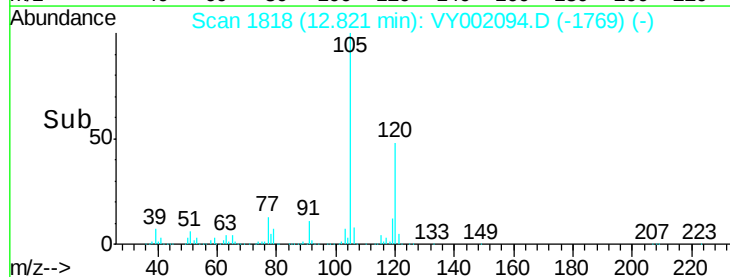
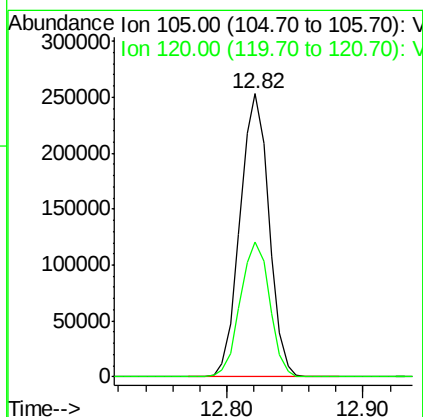
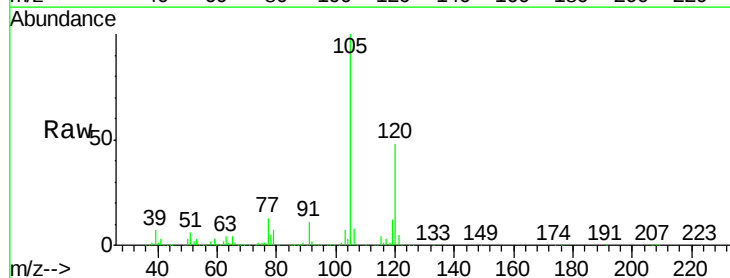
Instrument :
 MSVOA_Y
 ClientSampleId :
 BFB

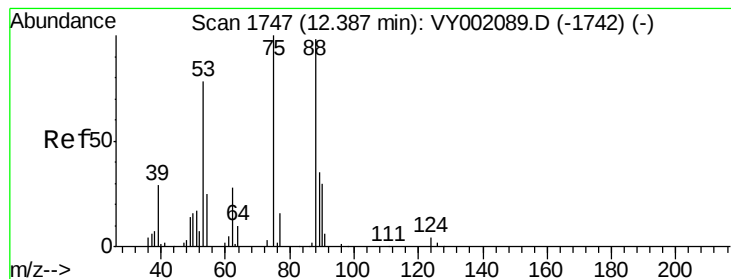
Tgt Ion: 91 Resp: 309716
 Ion Ratio Lower Upper
 91 100
 126 32.7 16.4 49.1



#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

ClientSampled :

BFB

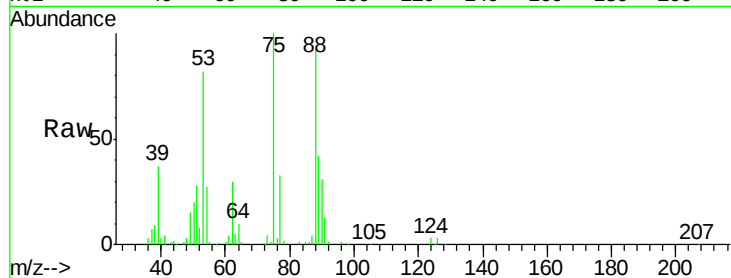
Tgt Ion: 75 Resp: 37383

Ion Ratio Lower Upper

75 100

53 81.1 65.0 97.4

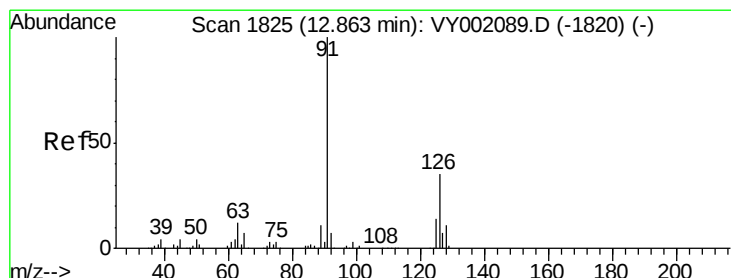
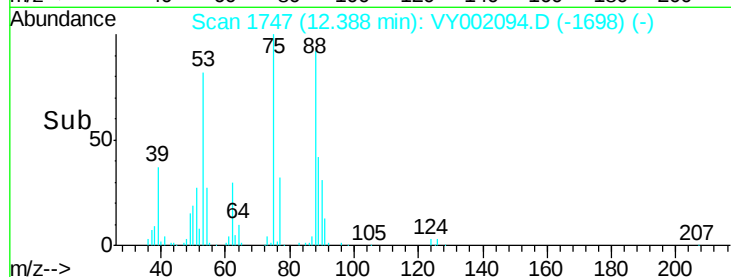
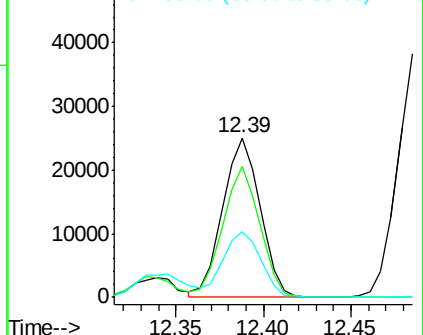
89 41.6 33.4 50.0



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

Ion 53.00 (52.70 to 53.70): VY002094.D (-1698) (-)

Ion 88.90 (88.60 to 89.60): 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

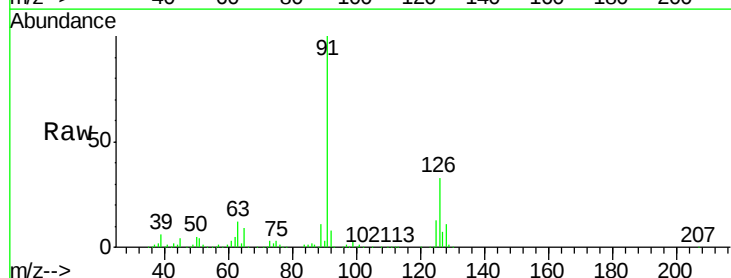
Acq: 27 Mar 2020 10:37

Tgt Ion: 91 Resp: 324206

Ion Ratio Lower Upper

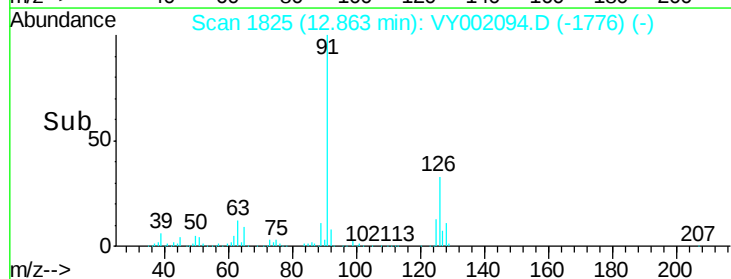
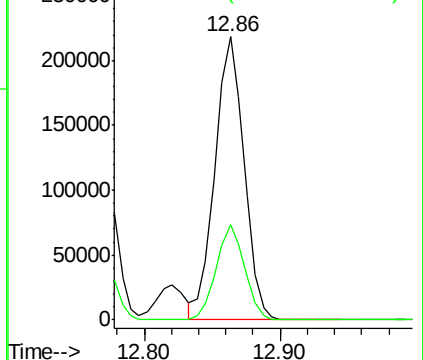
91 100

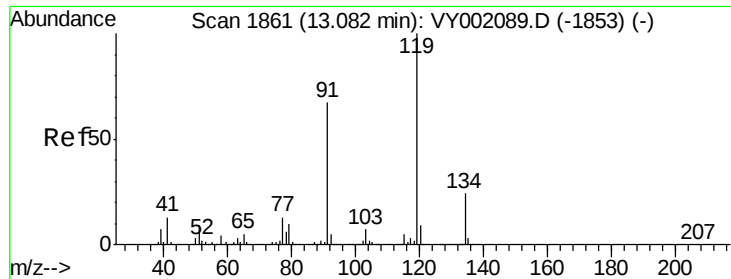
126 32.8 16.3 48.9



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

Ion 125.90 (125.60 to 126.60): VY002094.D (-1776) (-)

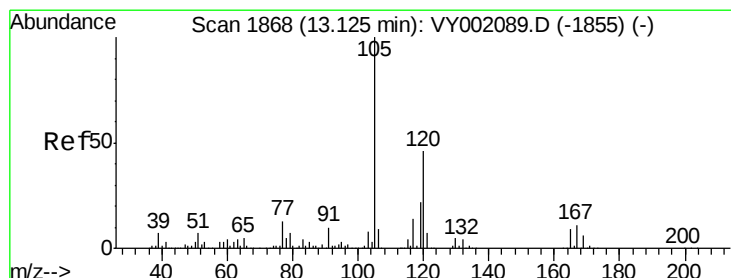
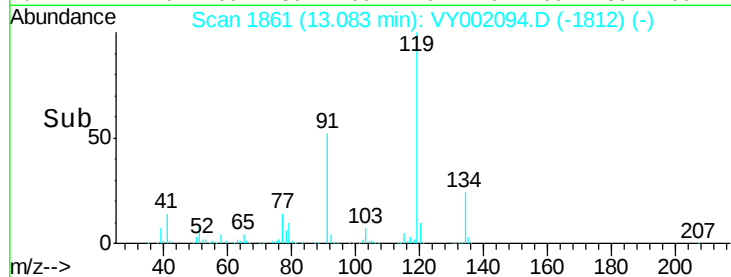
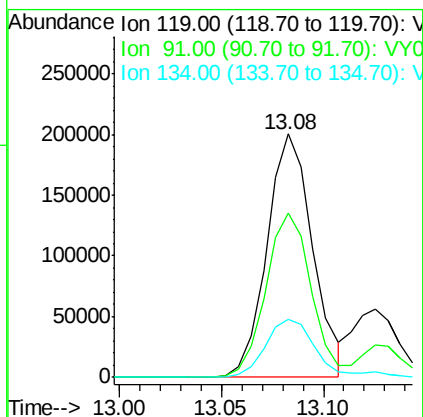
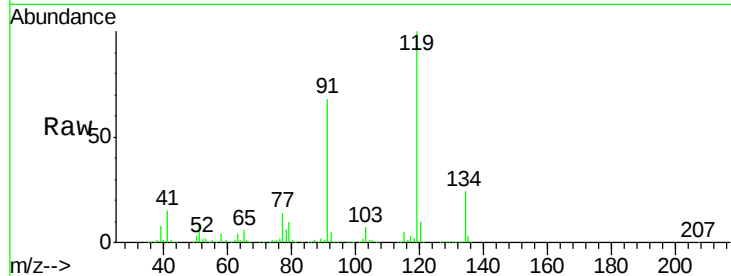




#83
 tert-Butylbenzene
 Concen: 49.608 ug/l
 RT: 13.08 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VY002094.D
 Acq: 27 Mar 2020 10:37

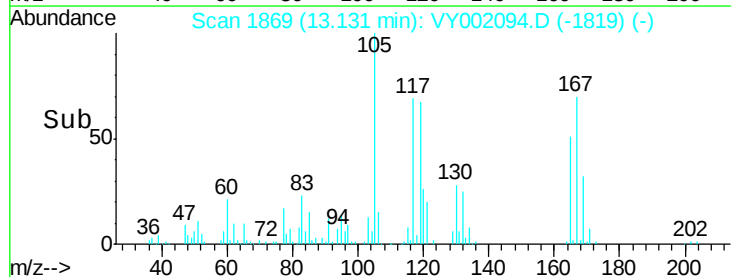
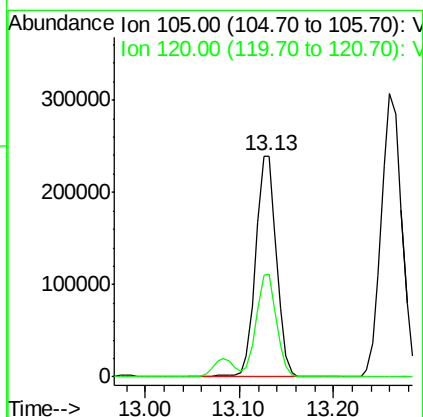
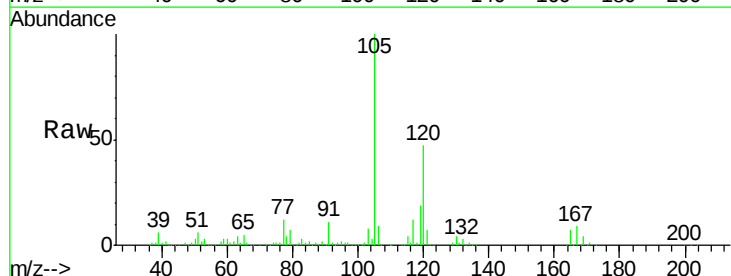
Instrument :
 MSVOA_Y
 ClientSampled :
 BFB

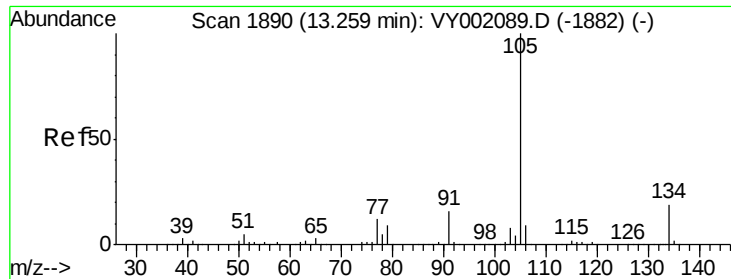
Tgt Ion:119 Resp: 312789
 Ion Ratio Lower Upper
 119 100
 91 67.6 32.9 98.6
 134 26.7 13.0 38.9



#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

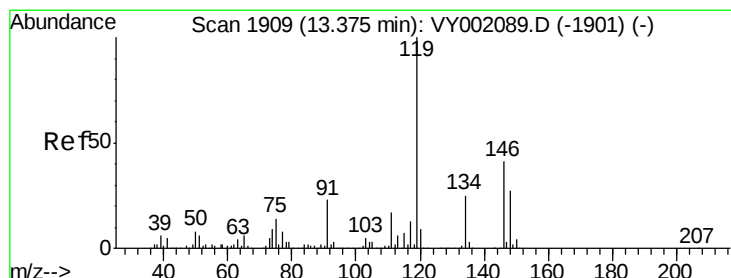
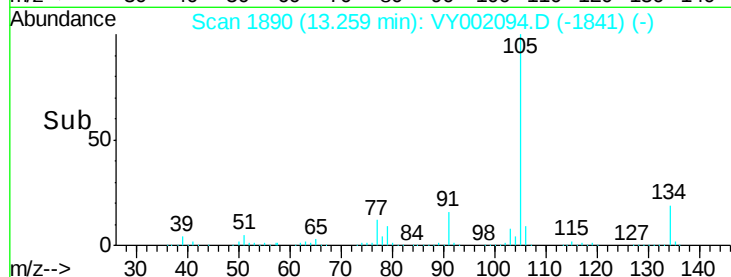
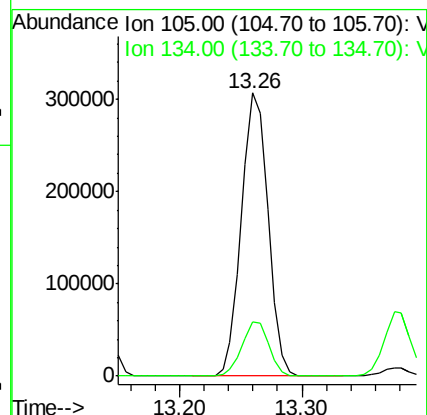
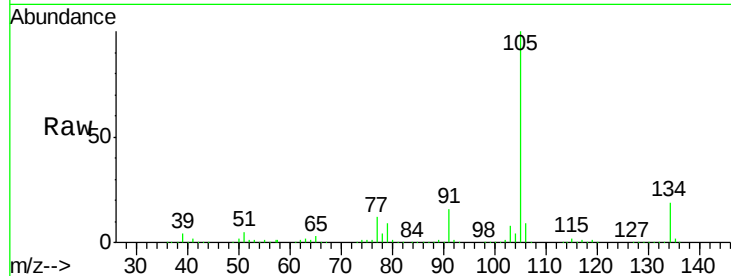




#85
 sec-Butylbenzene
 Concen: 49.731 ug/l
 RT: 13.26 min Scan# 1890
 Delta R.T. 0.00 min
 Lab File: VY002094.D
 Acq: 27 Mar 2020 10:37

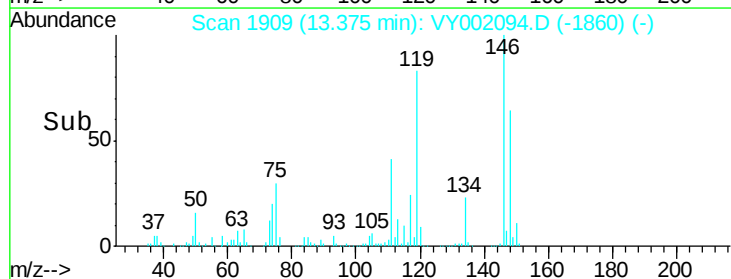
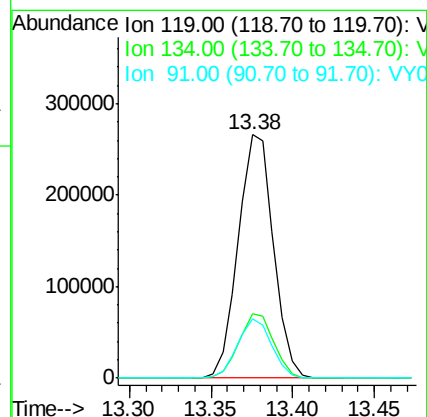
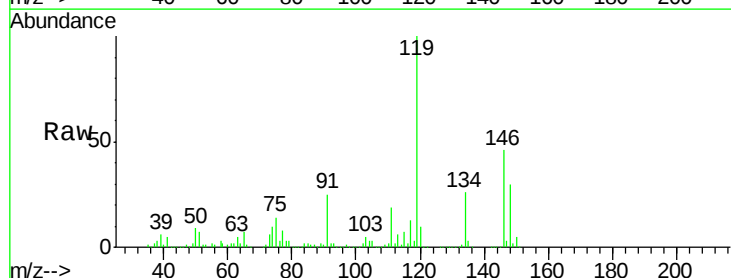
Instrument :
 MSVOA_Y
 ClientSampleId :
 BFB

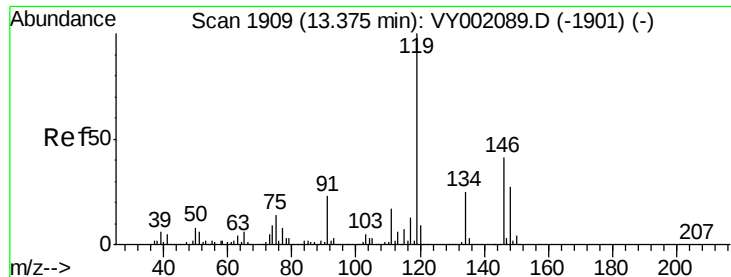
Tgt Ion:105 Resp: 464440
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.7 29.1



#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

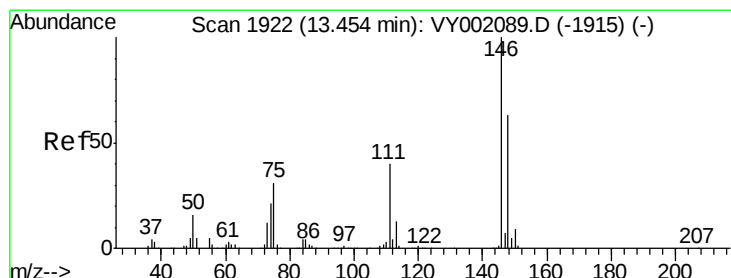
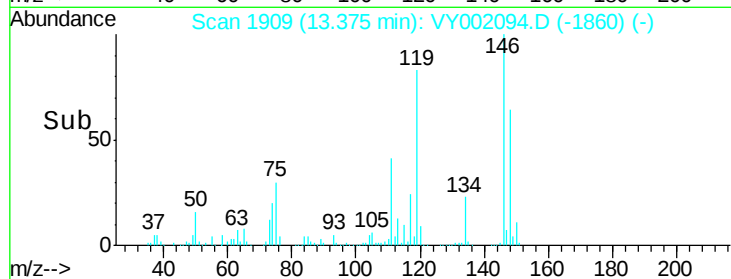
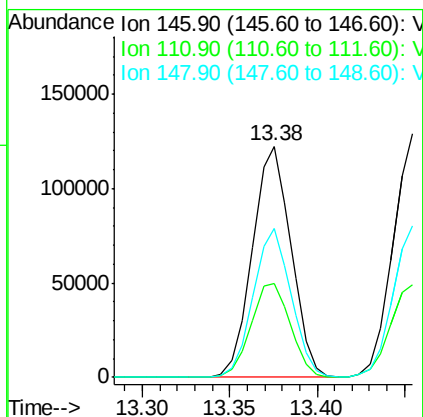
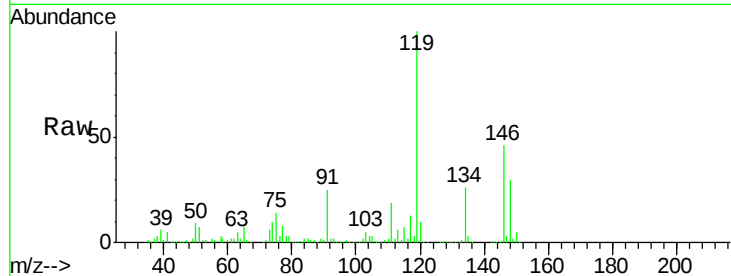




#87
 1,3-Dichlorobenzene
 Concen: 49.135 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. 0.00 min
 Lab File: VY002094.D
 Acq: 27 Mar 2020 10:37

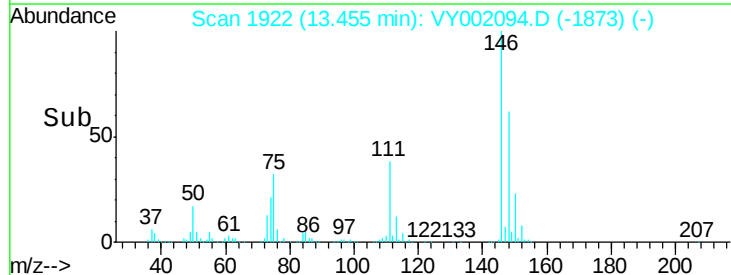
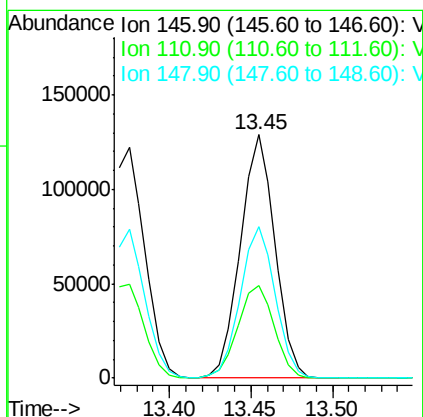
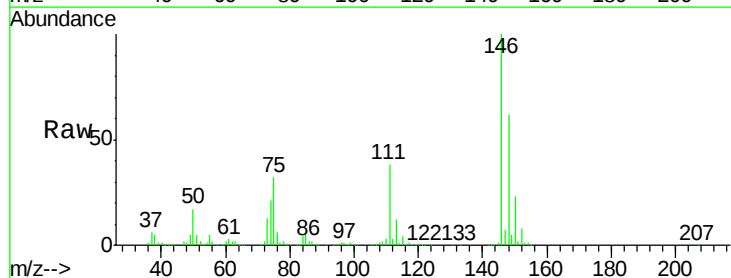
Instrument :
 MSVOA_Y
 ClientSampleId :
 BFB

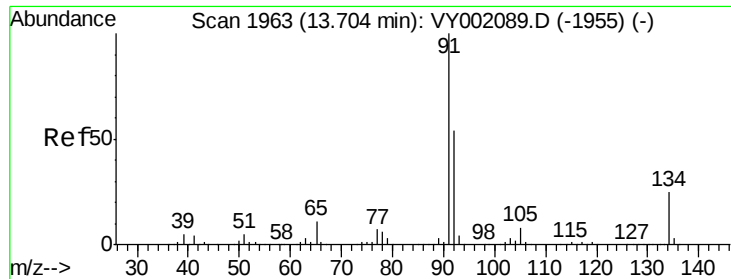
Tgt Ion:146 Resp: 187868
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.9 62.8
 148 63.0 32.1 96.5



#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 :

BFB

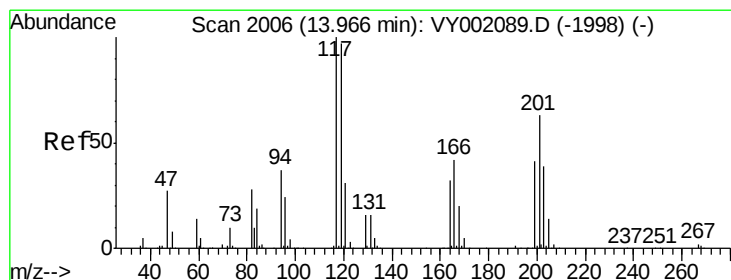
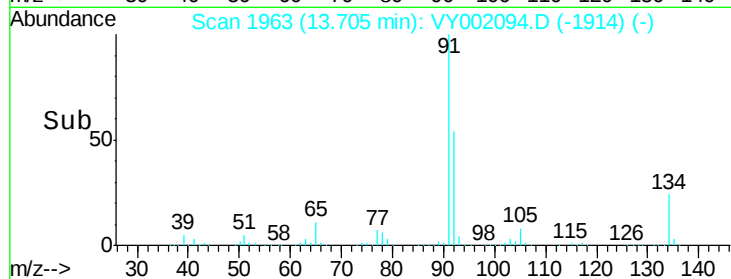
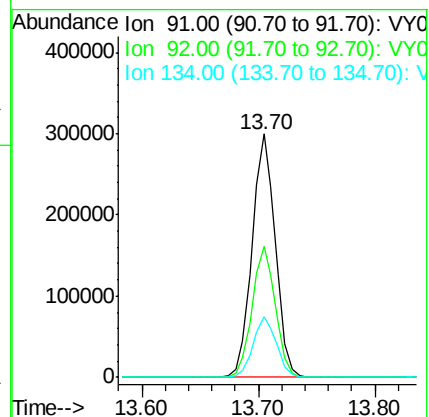
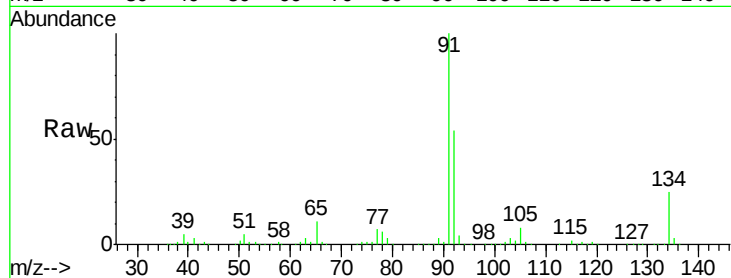
Tgt Ion: 91 Resp: 414613

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

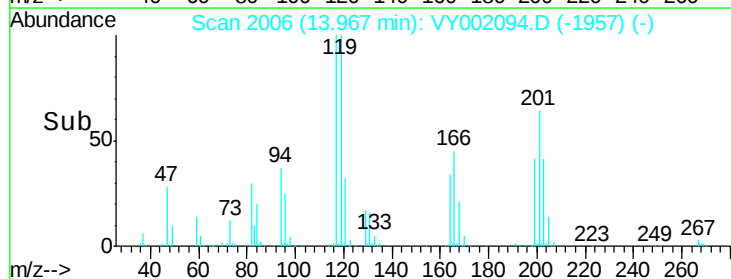
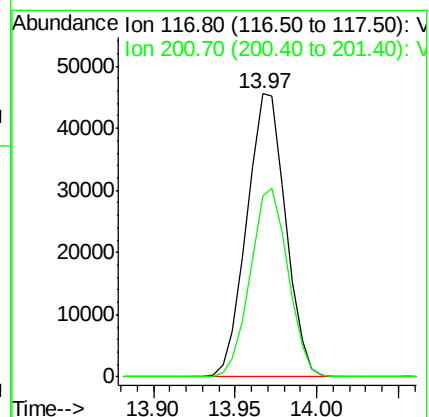
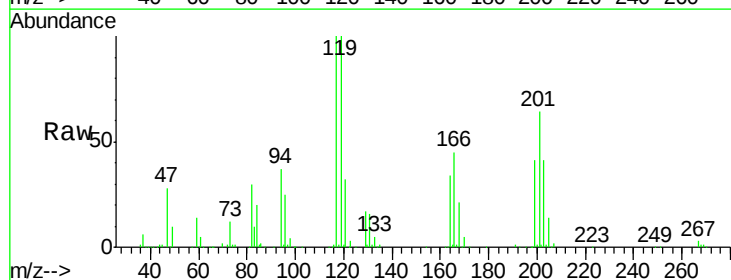
Acq: 27 Mar 2020 10:37

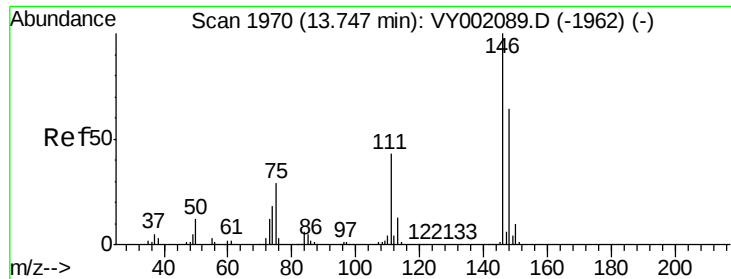
Tgt Ion: 117 Resp: 75661

Ion Ratio Lower Upper

117 100

201 64.9 31.6 94.8

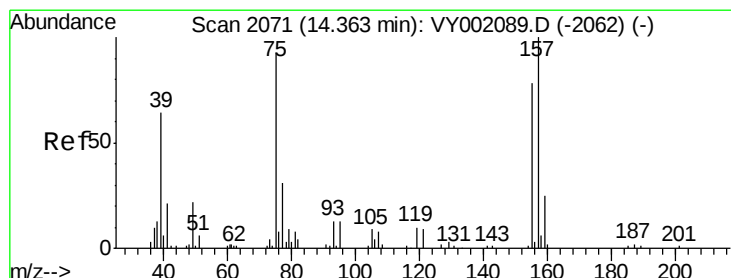
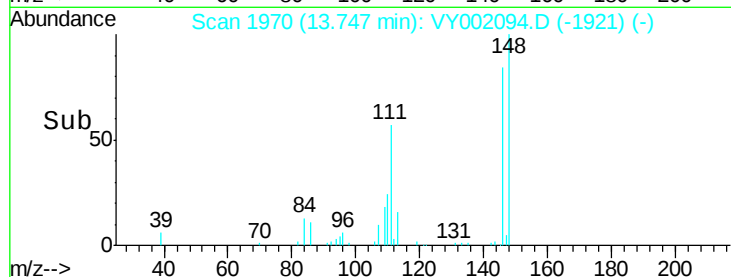
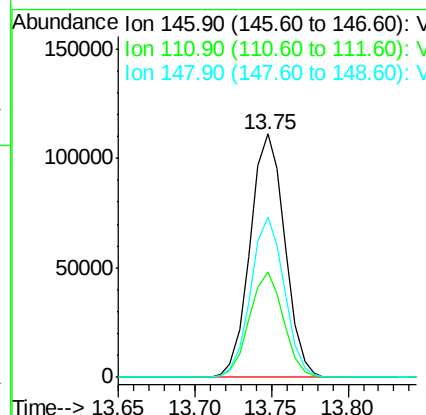
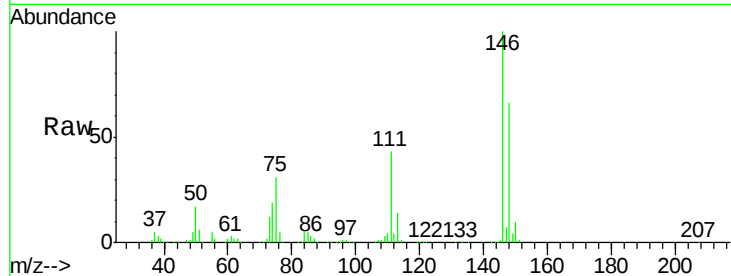




#91
 1,2-Dichlorobenzene
 Concen: 49.565 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: VY002094.D
 Acq: 27 Mar 2020 10:37

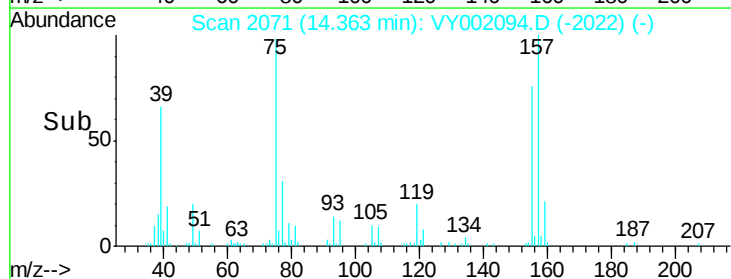
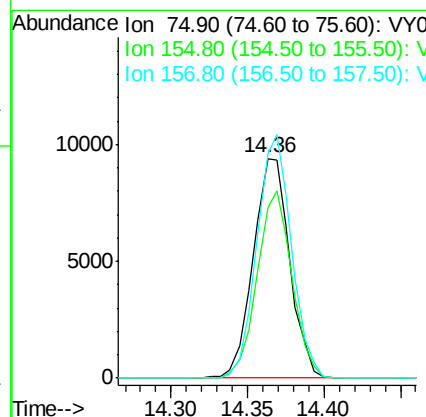
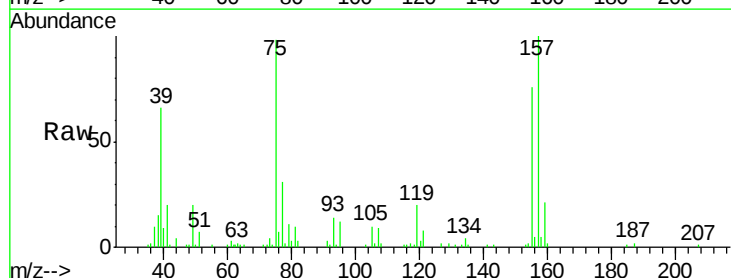
Instrument :
 MSVOA_Y
 ClientSampled :
 BFB

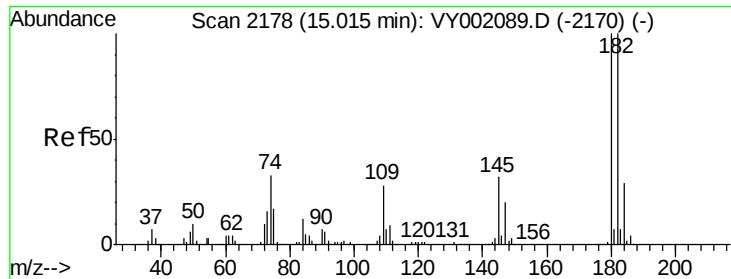
Tgt Ion: 146 Resp: 175011
 Ion Ratio Lower Upper
 146 100
 111 42.5 21.3 63.7
 148 63.8 31.8 95.4



#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

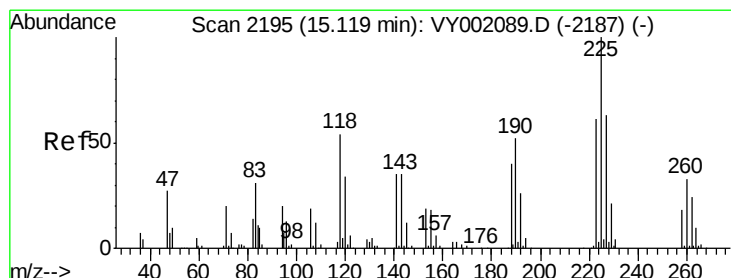
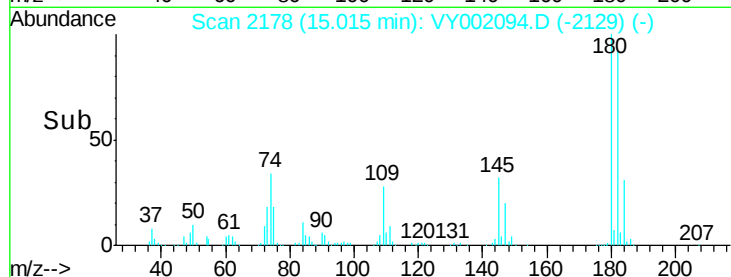
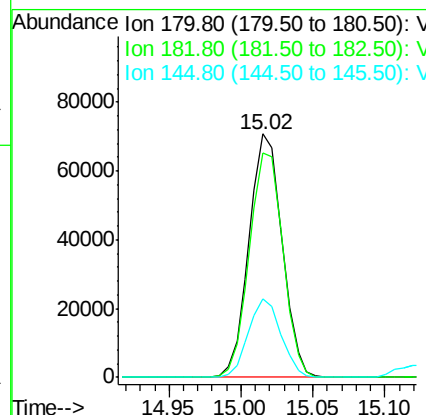
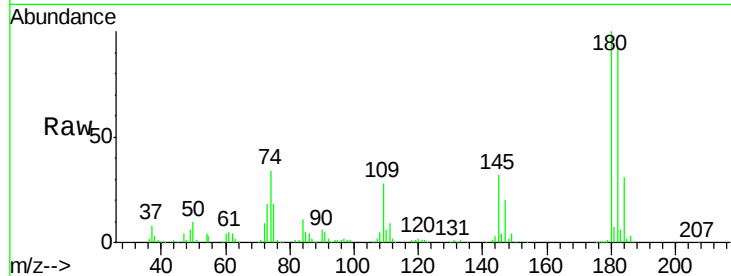




#93
 1,2,4-Trichlorobenzene
 Concen: 49.278 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. 0.00 min
 Lab File: VY002094.D
 Acq: 27 Mar 2020 10:37

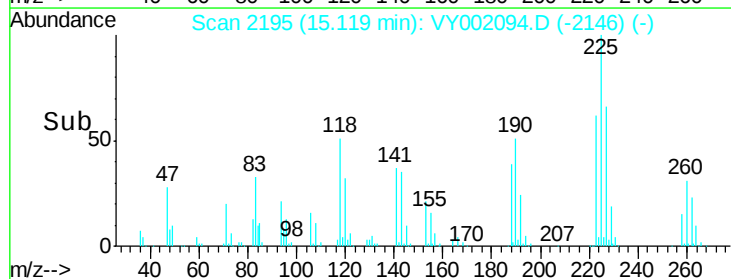
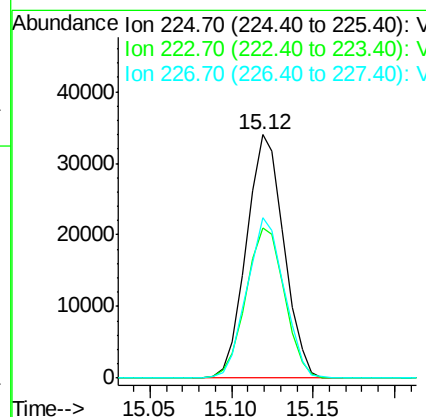
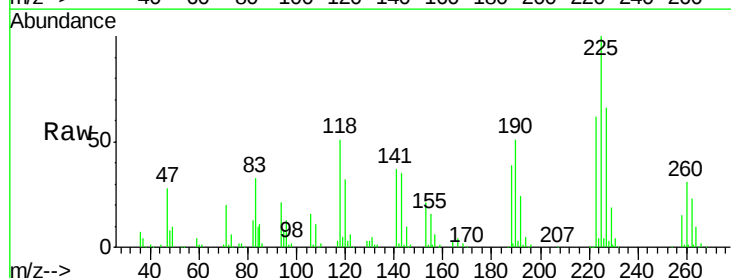
Instrument :
 MSVOA_Y
 ClientSampled :
 BFB

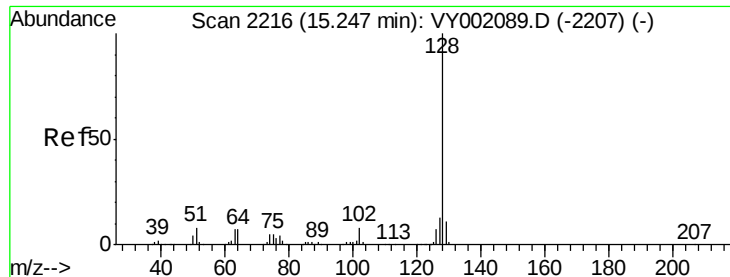
Tgt Ion:180 Resp: 112150
 Ion Ratio Lower Upper
 180 100
 182 93.9 48.1 144.3
 145 31.7 15.9 47.6



#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

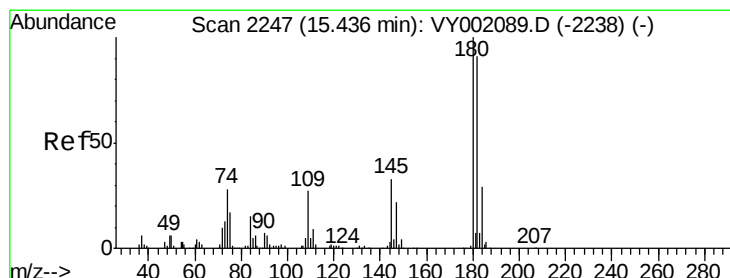
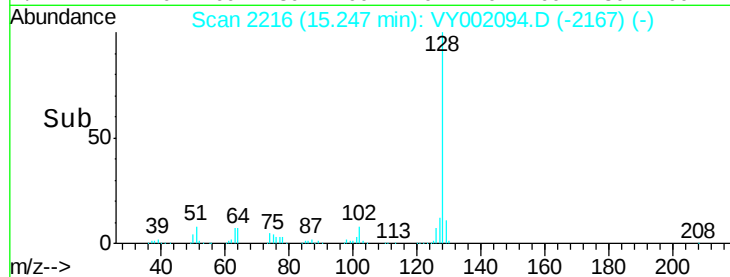
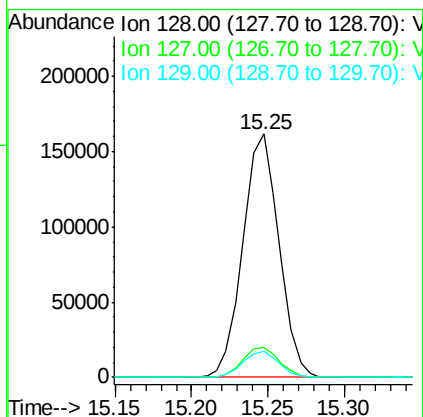
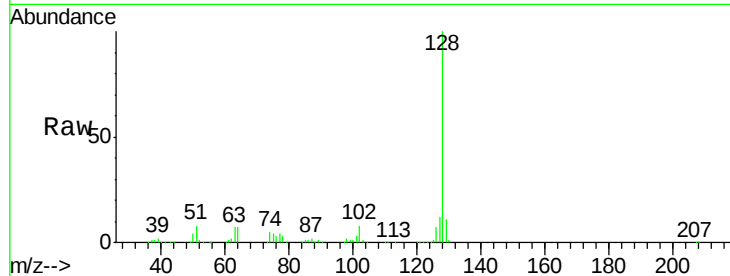




#95
Naphthalene
Concen: 49.162 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. 0.00 min
Lab File: VY002094.D
Acq: 27 Mar 2020 10:37

Instrument :
MSVOA_Y
ClientSampleId :
BFB

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

