

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY031220\
 Data File : VY001952.D
 Acq On : 12 Mar 2020 10:11
 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 13 05:39:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	195083	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	346708	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	306651	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	136272	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	101145	48.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.14%	
35) Dibromofluoromethane	7.74	113	96625	51.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.08%	
50) Toluene-d8	10.19	98	392089	49.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.22%	
62) 4-Bromofluorobenzene	12.49	95	137404	49.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	79778	44.30	ug/l	96
3) Chloromethane	2.12	50	110959	45.70	ug/l	98
4) Vinyl Chloride	2.26	62	118851	48.13	ug/l	99
5) Bromomethane	2.66	94	75842	52.92	ug/l	96
6) Chloroethane	2.81	64	76337	49.21	ug/l	97
7) Trichlorofluoromethane	3.15	101	164021	48.97	ug/l	98
8) Diethyl Ether	3.55	74	67990	51.51	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.92	101	104953	48.72	ug/l	99
10) Methyl Iodide	4.11	142	132034	53.00	ug/l	99
11) Tert butyl alcohol	4.98	59	55551	256.94	ug/l	98
12) 1,1-Dichloroethene	3.89	96	107765	49.68	ug/l	99
13) Acrolein	3.75	56	75061	256.48	ug/l	96
14) Allyl chloride	4.50	41	183243	47.66	ug/l	98
15) Acrylonitrile	5.19	53	164552	233.29	ug/l	99
16) Acetone	3.97	43	167839	276.69	ug/l	97
17) Carbon Disulfide	4.21	76	334457	45.87	ug/l	99
18) Methyl Acetate	4.50	43	71261	45.72	ug/l	98
19) Methyl tert-butyl Ether	5.25	73	302198	51.41	ug/l	99
20) Methylene Chloride	4.74	84	121274	46.65	ug/l	98
21) trans-1,2-Dichloroethene	5.25	96	120813	49.07	ug/l	95
22) Diisopropyl ether	6.14	45	369604	46.89	ug/l	94
23) Vinyl Acetate	6.09	43	1218704	235.86	ug/l	96
24) 1,1-Dichloroethane	6.05	63	205450	48.13	ug/l	99
25) 2-Butanone	7.01	43	226223	245.24	ug/l	100
26) 2,2-Dichloropropane	7.01	77	181965	51.94	ug/l	99
27) cis-1,2-Dichloroethene	7.01	96	134272	50.14	ug/l	98
28) Bromochloromethane	7.36	49	91684	47.66	ug/l	94
29) Tetrahydrofuran	7.37	42	135447	221.11	ug/l	96
30) Chloroform	7.53	83	201734	50.31	ug/l	100
31) Cyclohexane	7.80	56	198070	43.28	ug/l	97
32) 1,1,1-Trichloroethane	7.72	97	172940	51.17	ug/l	98
36) 1,1-Dichloropropene	7.94	75	163907	49.13	ug/l	98
37) Ethyl Acetate	7.10	43	93565	48.25	ug/l	96
38) Carbon Tetrachloride	7.92	117	148181	51.99	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	211763	47.85	ug/l	98
40) Benzene	8.18	78	482247	48.77	ug/l	98
41) Methacrylonitrile	7.37	41	122237	140.07	ug/l #	1
42) 1,2-Dichloroethane	8.26	62	130512	51.22	ug/l	99
43) Isopropyl Acetate	8.29	43	177010	48.21	ug/l	99
44) Trichloroethene	8.96	130	121859	50.60	ug/l	98
45) 1,2-Dichloropropane	9.24	63	121567	48.90	ug/l	99
46) Dibromomethane	9.33	93	64767	50.56	ug/l	99
47) Bromodichloromethane	9.52	83	156792	52.61	ug/l	100
48) Methyl methacrylate	9.31	41	79580	48.85	ug/l	95
49) 1,4-Dioxane	9.31	88	15453	880.33	ug/l	99
51) 4-Methyl-2-Pentanone	10.08	43	452013	239.04	ug/l	98
52) Toluene	10.26	92	298904	49.76	ug/l	98
53) t-1,3-Dichloropropene	10.48	75	169813	52.30	ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	198779	51.43	ug/l	98
55) 1,1,2-Trichloroethane	10.66	97	94779	50.55	ug/l	98
56) Ethyl methacrylate	10.52	69	138911	50.55	ug/l	99
57) 1,3-Dichloropropane	10.81	76	163638	48.97	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	231530	239.69	ug/l	97
59) 2-Hexanone	10.84	43	328706	243.54	ug/l	97
60) Dibromochloromethane	11.00	129	104913	53.11	ug/l	100
61) 1,2-Dibromoethane	11.10	107	90652	51.05	ug/l	100
64) Tetrachloroethene	10.74	164	96555	50.21	ug/l	98
65) Chlorobenzene	11.53	112	306171	50.11	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.61	131	106248	53.03	ug/l	99
67) Ethyl Benzene	11.61	91	564721	49.56	ug/l	99
68) m/p-Xylenes	11.72	106	422433	100.27	ug/l	99
69) o-Xylene	12.04	106	199925	50.35	ug/l	100
70) Styrene	12.06	104	347277	51.06	ug/l	100
71) Bromoform	12.22	173	59778	55.01	ug/l #	99
73) Isopropylbenzene	12.34	105	531219	51.07	ug/l	100
74) N-amyl acetate	12.16	43	155626	48.68	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.59	83	113262	50.49	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	146428	90.56	ug/l #	100
77) Bromobenzene	12.62	156	114909	52.14	ug/l	97
78) n-propylbenzene	12.69	91	644775	50.24	ug/l	99
79) 2-Chlorotoluene	12.77	91	360856	50.89	ug/l	99
80) 1,3,5-Trimethylbenzene	12.83	105	436509	50.97	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	42316	52.86	ug/l	98
82) 4-Chlorotoluene	12.87	91	375027	50.80	ug/l	99
83) tert-Butylbenzene	13.09	119	368769	51.84	ug/l	98
84) 1,2,4-Trimethylbenzene	13.13	105	433537	51.01	ug/l	99
85) sec-Butylbenzene	13.27	105	529740	50.53	ug/l	99
86) p-Isopropyltoluene	13.38	119	457837	50.62	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	220703	51.10	ug/l	100
88) 1,4-Dichlorobenzene	13.46	146	218621	49.90	ug/l	99
89) n-Butylbenzene	13.71	91	461231	49.15	ug/l	99
90) Hexachloroethane	13.97	117	87560	51.32	ug/l	98
91) 1,2-Dichlorobenzene	13.75	146	197801	50.41	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	17738	50.67	ug/l	100

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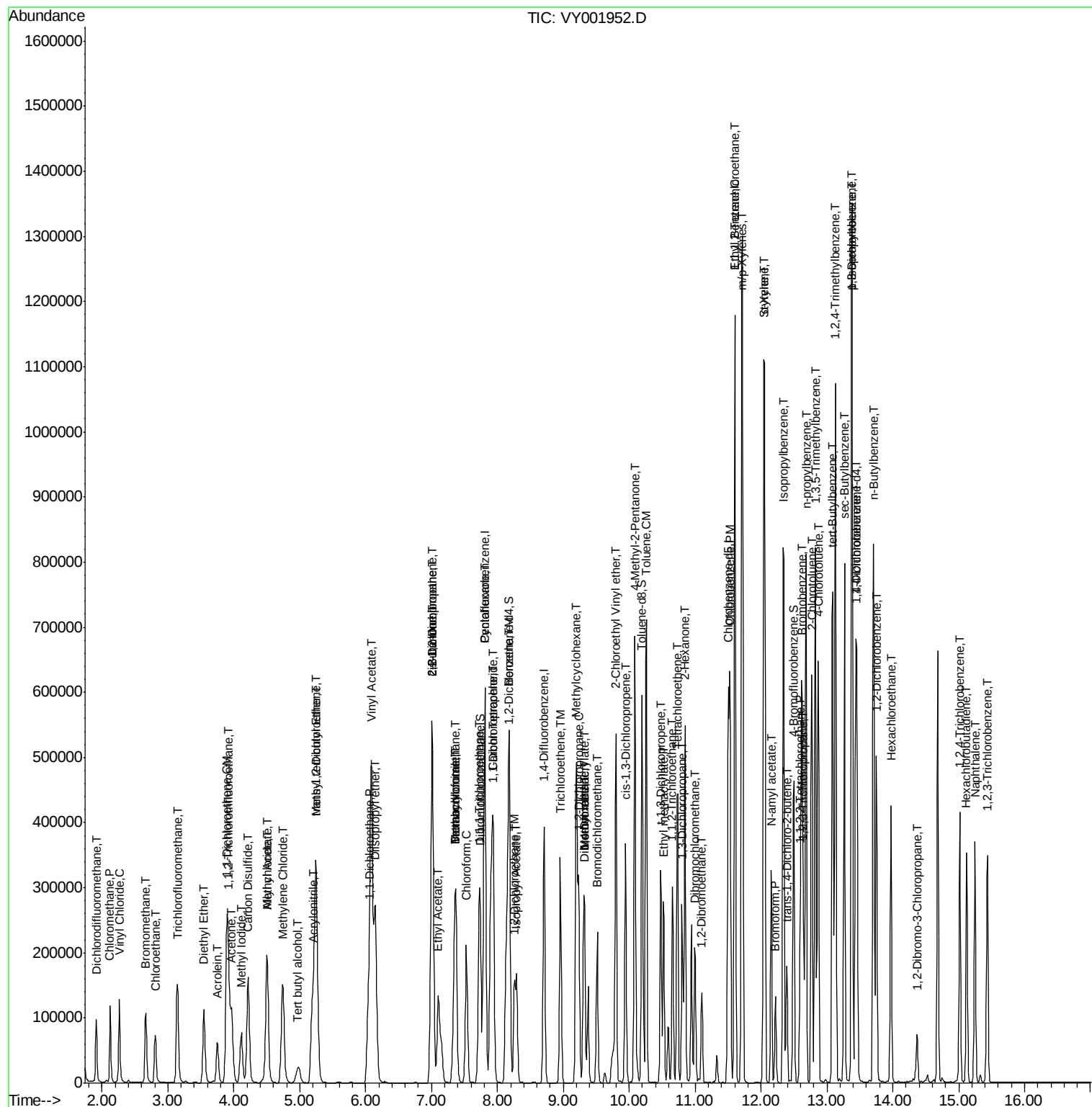
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	123058	48.36	ug/l	97
94) Hexachlorobutadiene	15.12	225	60484	48.75	ug/l	99
95) Naphthalene	15.25	128	297812	49.34	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	108241	48.29	ug/l	99

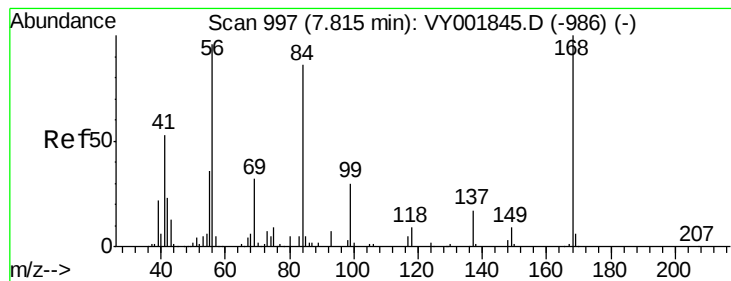
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY001952.D

Acq: 12 Mar 2020 10:11

Instrument :

MSVOA_Y

ClientSampleId :

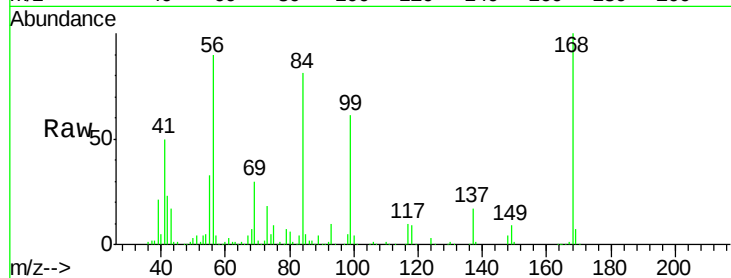
BFB

Tgt Ion:168 Resp: 195083

Ion Ratio Lower Upper

168 100

99 60.8 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY001845.D (-986) (-)

Ion 98.90 (98.60 to 99.60): VY001845.D (-986) (-)

7.81

80000

60000

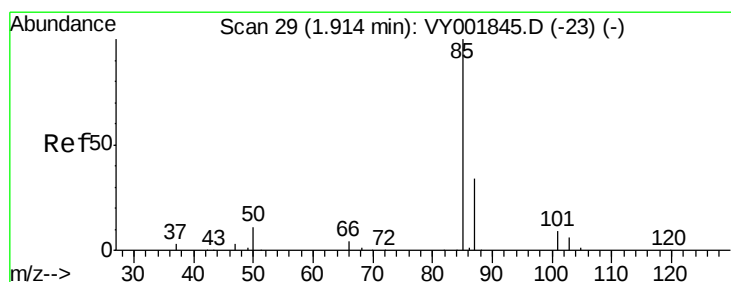
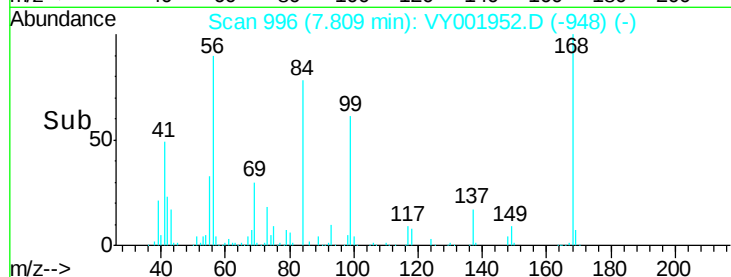
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 44.30 ug/l

RT: 1.91 min Scan# 29

Delta R.T. -0.00 min

Lab File: VY001952.D

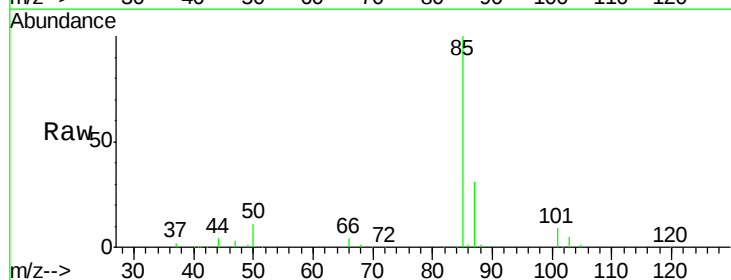
Acq: 12 Mar 2020 10:11

Tgt Ion: 85 Resp: 79778

Ion Ratio Lower Upper

85 100

87 31.1 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VY001845.D (-23) (-)

Ion 86.90 (86.60 to 87.60): VY001845.D (-23) (-)

1.91

60000

50000

40000

30000

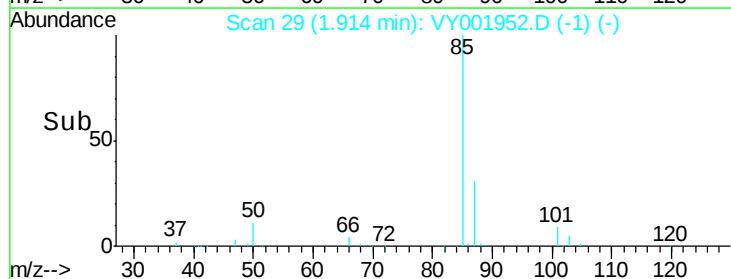
20000

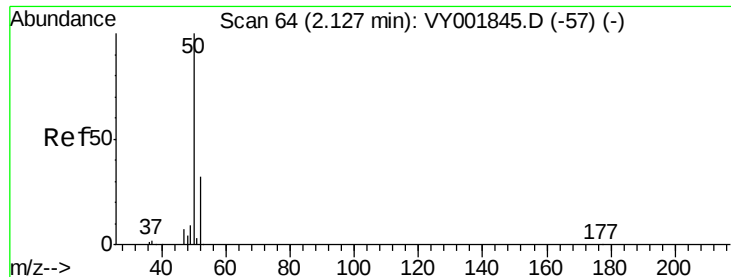
10000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 45.70 ug/l

RT: 2.12 min Scan# 63

Delta R.T. -0.01 min

Lab File: VY001952.D

Acq: 12 Mar 2020 10:11

Instrument :

MSVOA_Y

ClientSampleId :

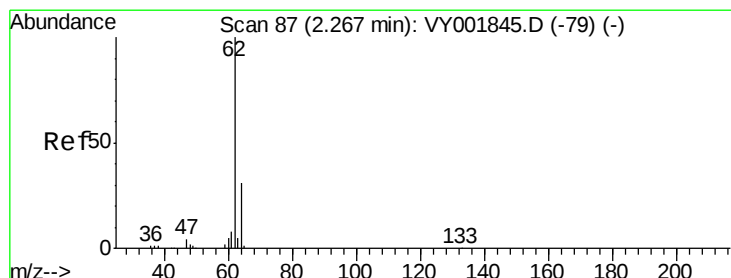
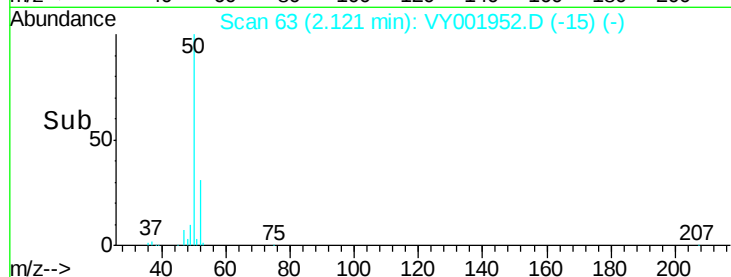
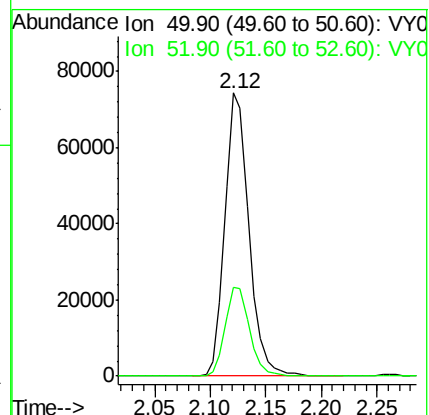
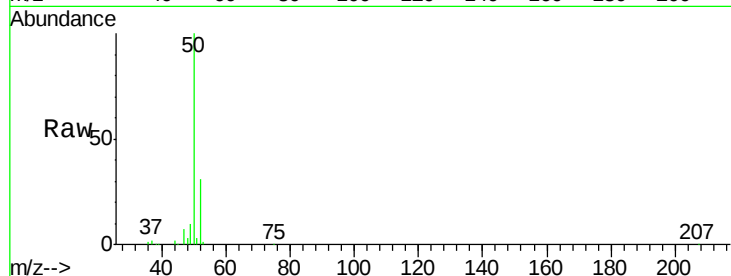
BFB

Tgt Ion: 50 Resp: 110959

Ion Ratio Lower Upper

50 100

52 31.3 25.8 38.6



#4

Vinyl Chloride

Concen: 48.13 ug/l

RT: 2.26 min Scan# 86

Delta R.T. -0.01 min

Lab File: VY001952.D

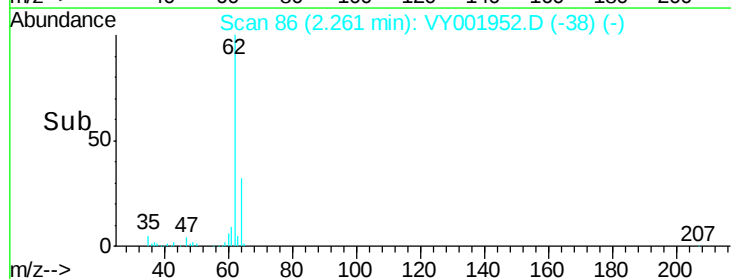
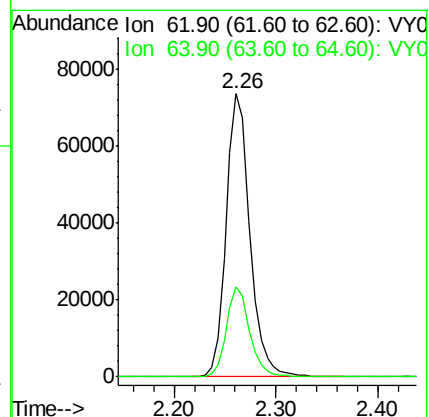
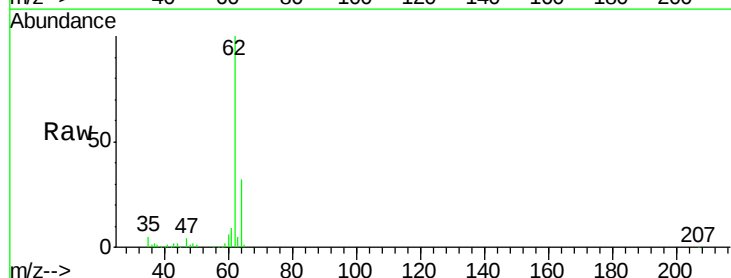
Acq: 12 Mar 2020 10:11

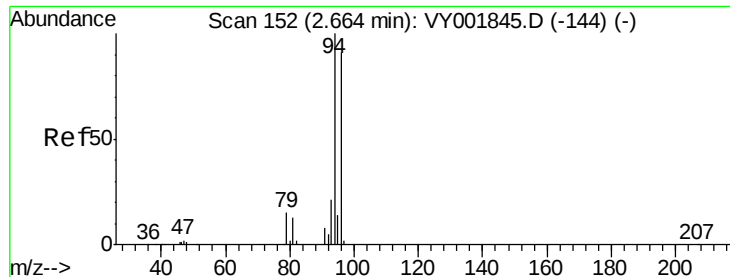
Tgt Ion: 62 Resp: 118851

Ion Ratio Lower Upper

62 100

64 31.7 25.1 37.7





#5

Bromomethane

Concen: 52.92 ug/l

RT: 2.66 min Scan# 152

Delta R.T. 0.00 min

Lab File: VY001952.D

Acq: 12 Mar 2020 10:11

Instrument :

MSVOA_Y

ClientSampleId :

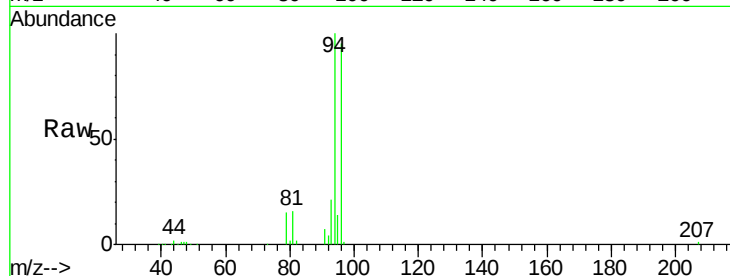
BFB

Tgt Ion: 94 Resp: 75842

Ion Ratio Lower Upper

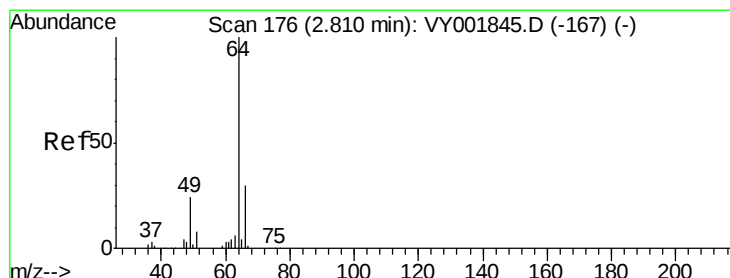
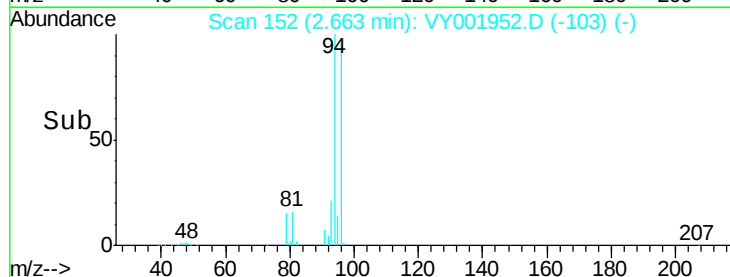
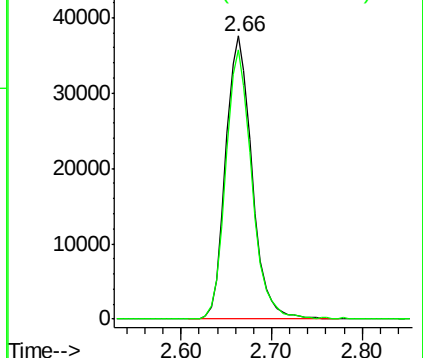
94 100

96 95.1 73.2 109.8



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 49.21 ug/l

RT: 2.81 min Scan# 176

Delta R.T. -0.00 min

Lab File: VY001952.D

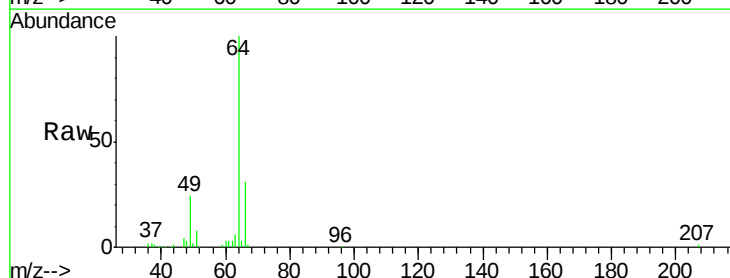
Acq: 12 Mar 2020 10:11

Tgt Ion: 64 Resp: 76337

Ion Ratio Lower Upper

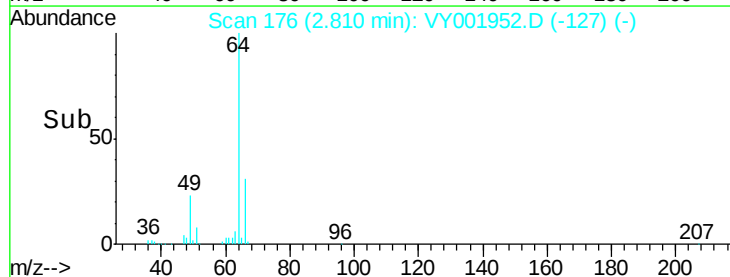
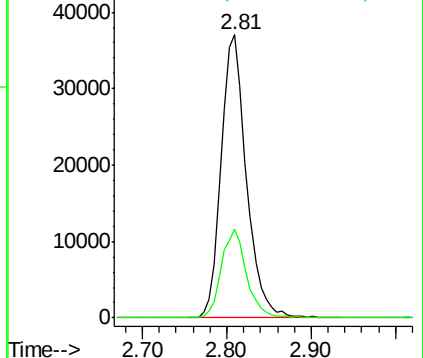
64 100

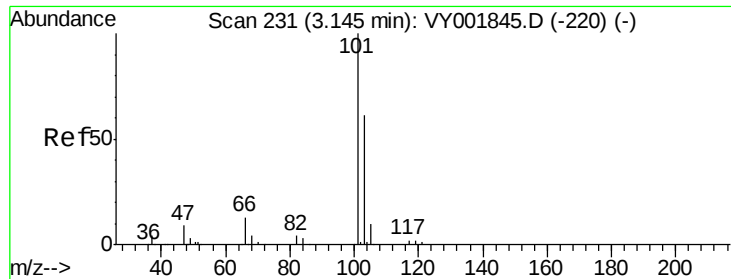
66 31.2 23.8 35.8



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



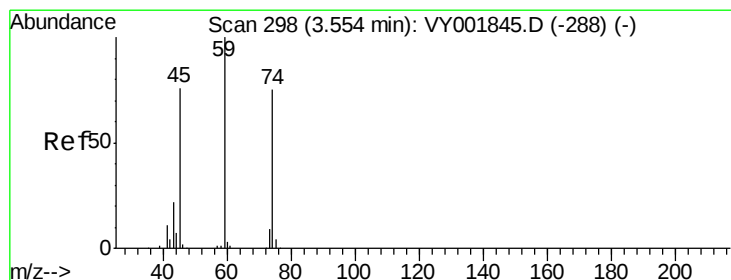
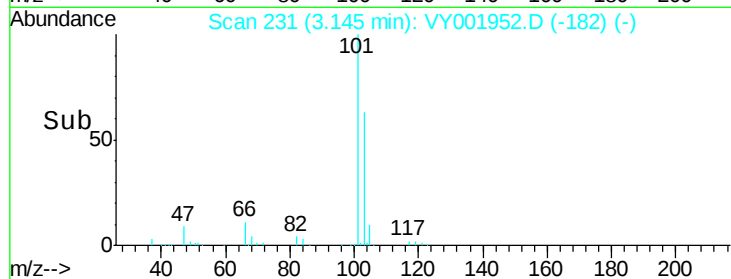
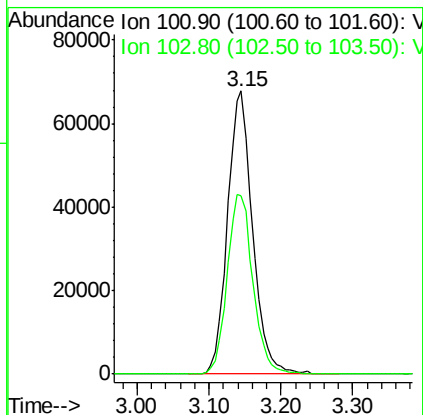
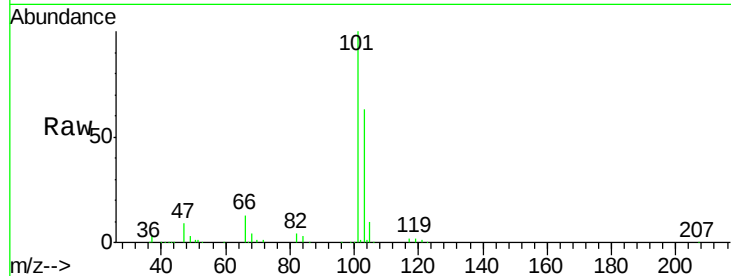


#7

Trichlorofluoromethane
 Concen: 48.97 ug/l
 RT: 3.15 min Scan# 231
 Delta R.T. -0.00 min
 Lab File: VY001952.D
 Acq: 12 Mar 2020 10:11

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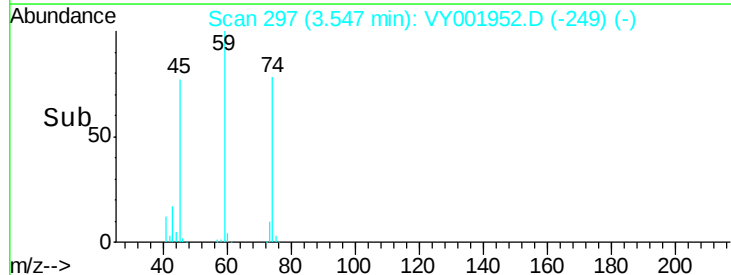
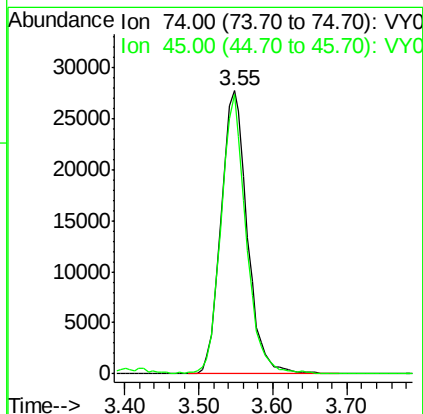
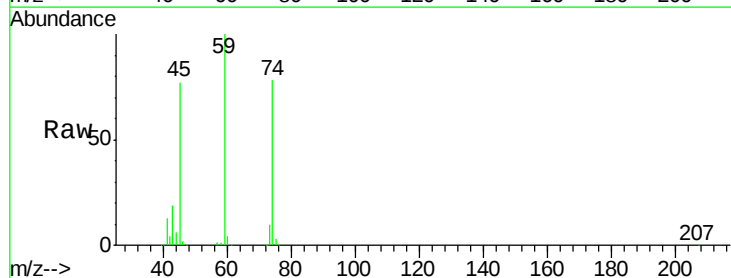
Tgt Ion:101 Resp: 164021
 Ion Ratio Lower Upper
 101 100
 103 63.2 49.1 73.7



#8

Diethyl Ether
 Concen: 51.51 ug/l
 RT: 3.55 min Scan# 297
 Delta R.T. -0.01 min
 Lab File: VY001952.D
 Acq: 12 Mar 2020 10:11

Tgt Ion: 74 Resp: 67990
 Ion Ratio Lower Upper
 74 100
 45 94.5 50.5 151.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.72 ug/l

RT: 3.92 min Scan# 358

Delta R.T. -0.01 min

Lab File: VY001952.D

Acq: 12 Mar 2020 10:11

Instrument :

MSVOA_Y

ClientSampled :

BFB

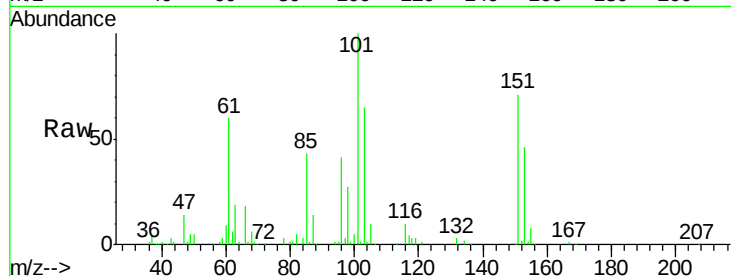
Tgt Ion:101 Resp: 104953

Ion Ratio Lower Upper

101 100

85 43.9 35.3 52.9

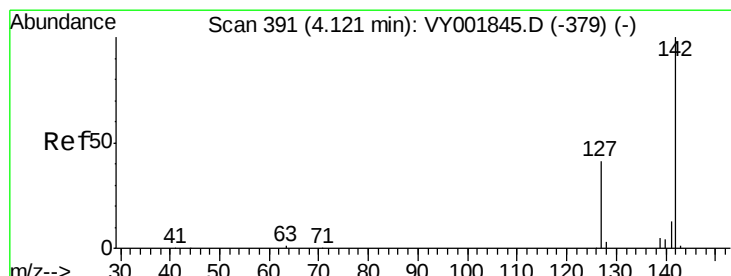
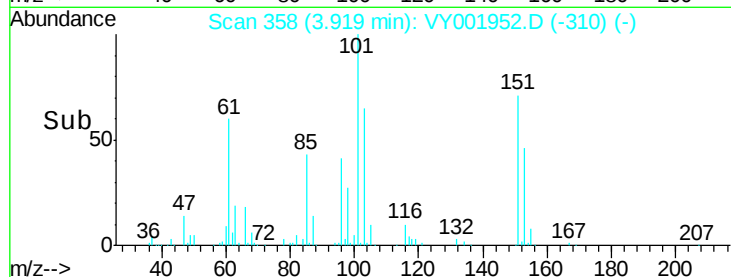
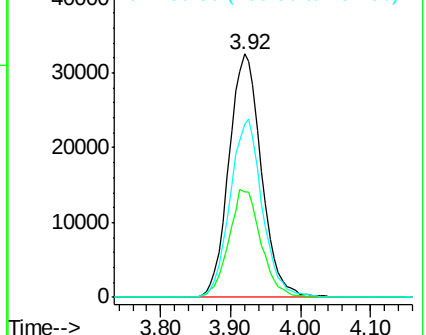
151 72.4 57.0 85.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 53.00 ug/l

RT: 4.11 min Scan# 390

Delta R.T. -0.01 min

Lab File: VY001952.D

Acq: 12 Mar 2020 10:11

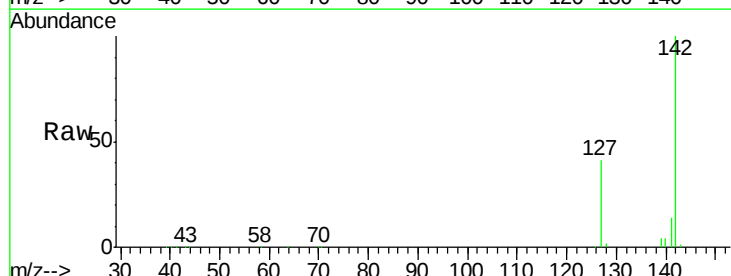
Tgt Ion:142 Resp: 132034

Ion Ratio Lower Upper

142 100

127 41.4 32.7 49.1

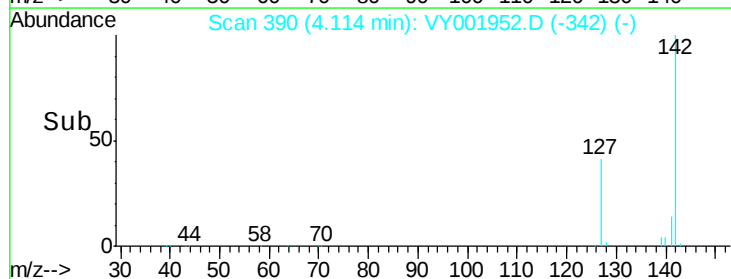
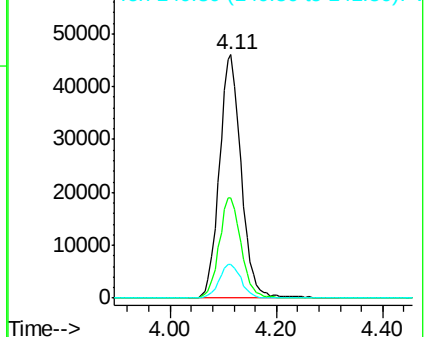
141 14.0 11.0 16.6

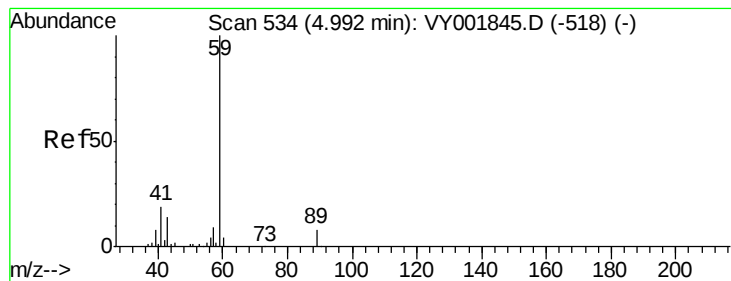


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



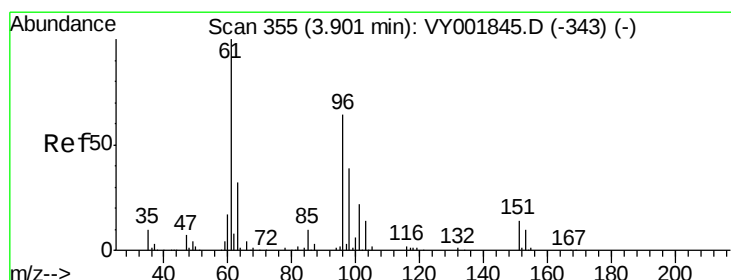
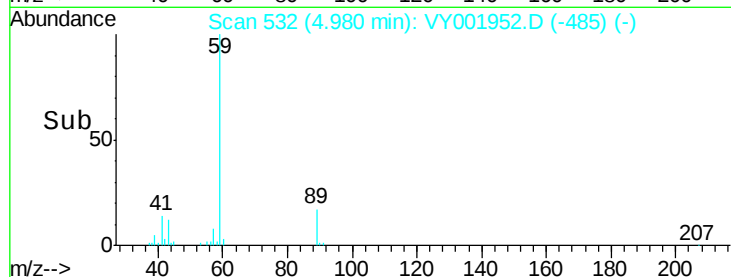
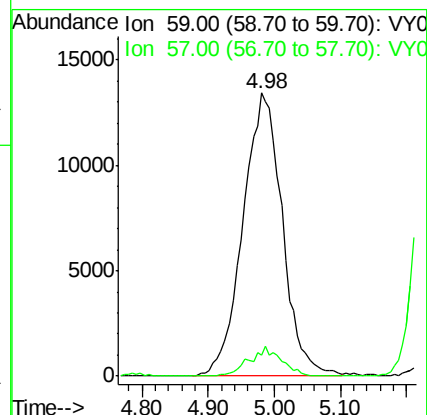
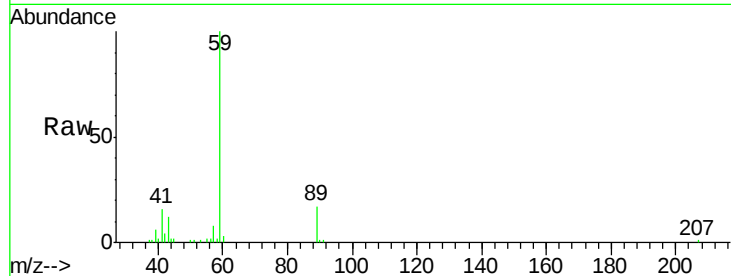


#11

Tert butyl alcohol
 Concen: 256.94 ug/l
 RT: 4.98 min Scan# 532
 Delta R.T. -0.01 min
 Lab File: VY001952.D
 Acq: 12 Mar 2020 10:11

Instrument :
 MSVOA_Y
 ClientSampled :
 BFB

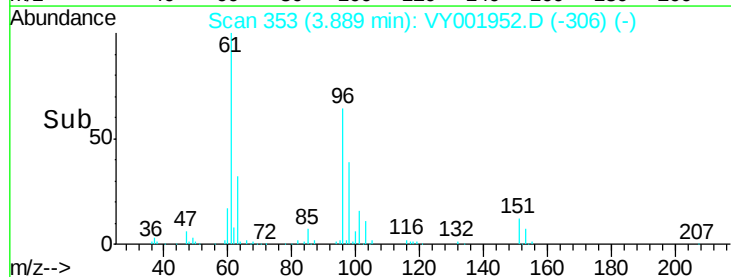
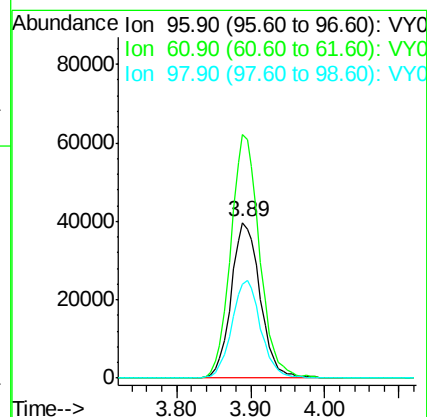
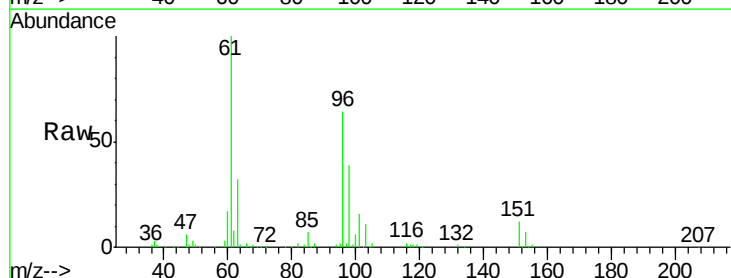
Tgt Ion: 59 Resp: 55551
 Ion Ratio Lower Upper
 59 100
 57 8.5 7.4 11.2

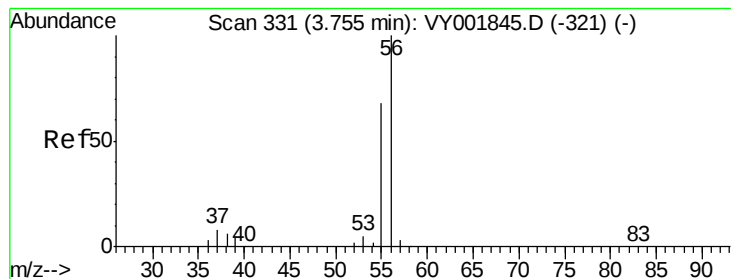


#12

1,1-Dichloroethene
 Concen: 49.68 ug/l
 RT: 3.89 min Scan# 353
 Delta R.T. -0.01 min
 Lab File: VY001952.D
 Acq: 12 Mar 2020 10:11

Tgt Ion: 96 Resp: 107765
 Ion Ratio Lower Upper
 96 100
 61 156.6 124.8 187.2
 98 60.5 49.2 73.8





#13

Acrolein

Concen: 256.48 ug/l

RT: 3.75 min Scan# 330

Delta R.T. -0.01 min

Lab File: VY001952.D

Acq: 12 Mar 2020 10:11

Instrument :

MSVOA_Y

ClientSampleId :

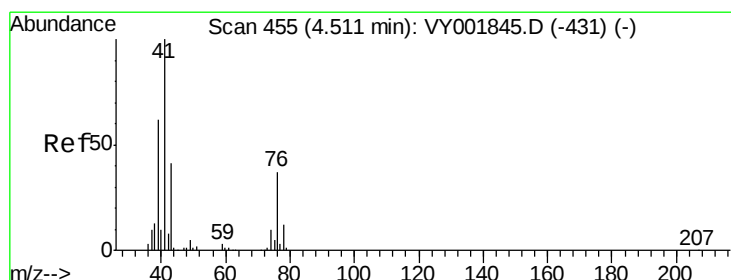
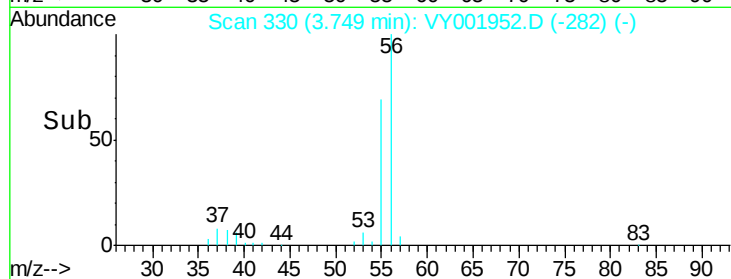
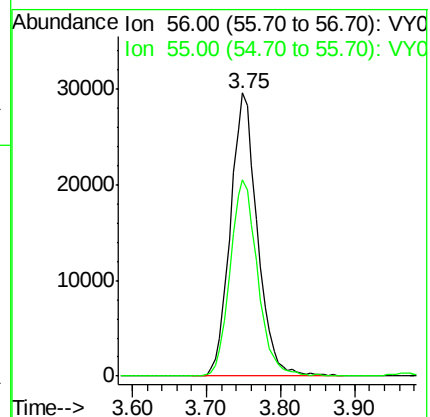
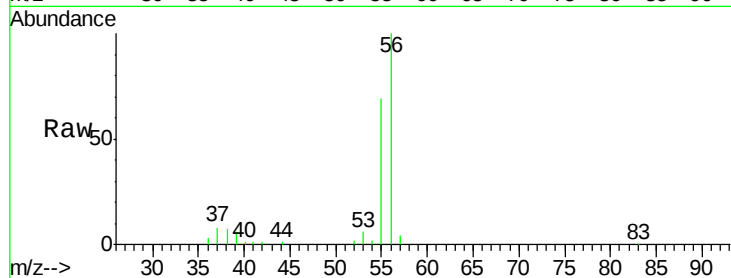
BFB

Tgt Ion: 56 Resp: 75061

Ion Ratio Lower Upper

56 100

55 70.7 54.0 81.0



#14

Allyl chloride

Concen: 47.66 ug/l

RT: 4.50 min Scan# 454

Delta R.T. -0.01 min

Lab File: VY001952.D

Acq: 12 Mar 2020 10:11

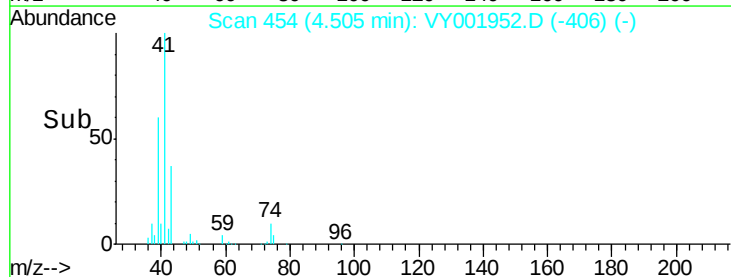
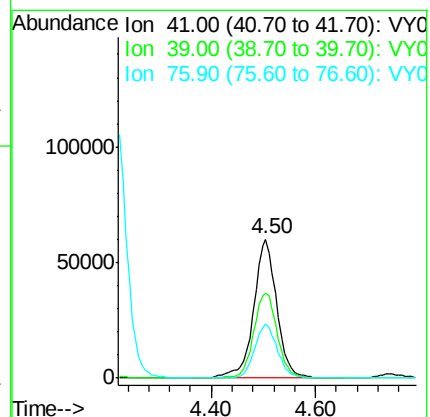
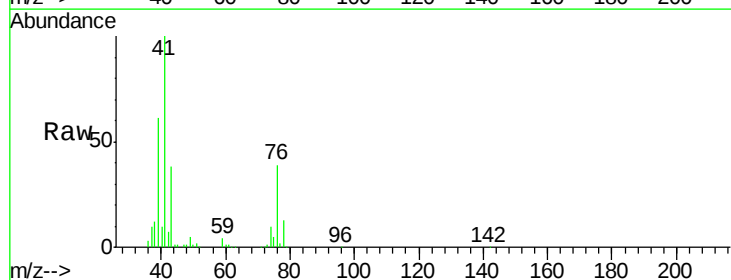
Tgt Ion: 41 Resp: 183243

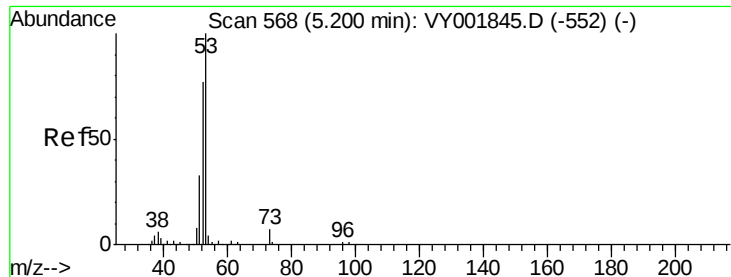
Ion Ratio Lower Upper

41 100

39 62.7 49.0 73.6

76 38.0 28.9 43.3





#15

Acrylonitrile

Concen: 233.29 ug/l

RT: 5.19 min Scan# 567

Delta R.T. -0.01 min

Lab File: VY001952.D

Acq: 12 Mar 2020 10:11

Instrument :

MSVOA_Y

ClientSampleId :

BFB

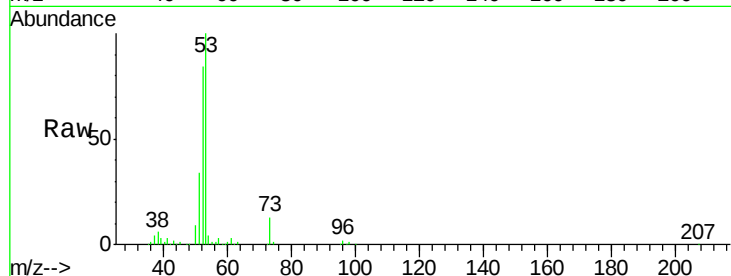
Tgt Ion: 53 Resp: 164552

Ion Ratio Lower Upper

53 100

52 81.4 65.1 97.7

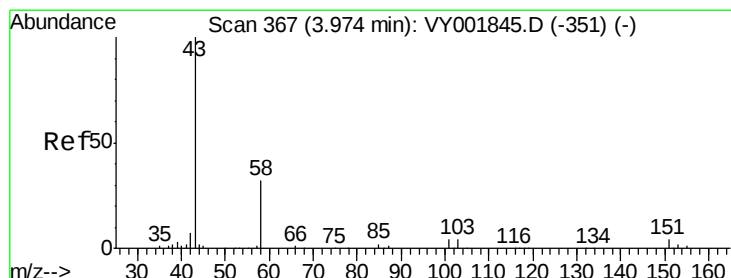
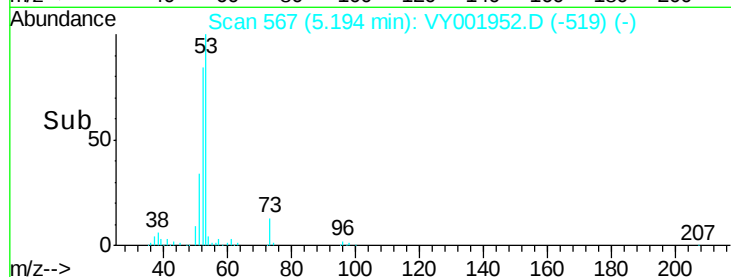
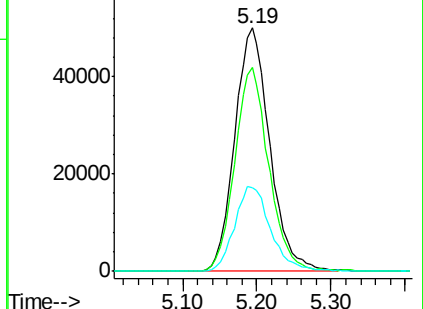
51 35.9 27.5 41.3



Abundance Ion 53.00 (52.70 to 53.70): VY0

Ion 52.00 (51.70 to 52.70): VY0

Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 276.69 ug/l

RT: 3.97 min Scan# 366

Delta R.T. -0.01 min

Lab File: VY001952.D

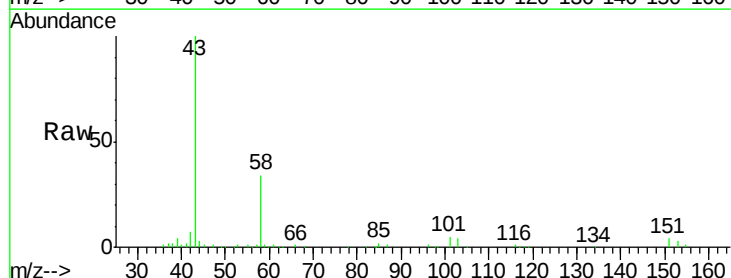
Acq: 12 Mar 2020 10:11

Tgt Ion: 43 Resp: 167839

Ion Ratio Lower Upper

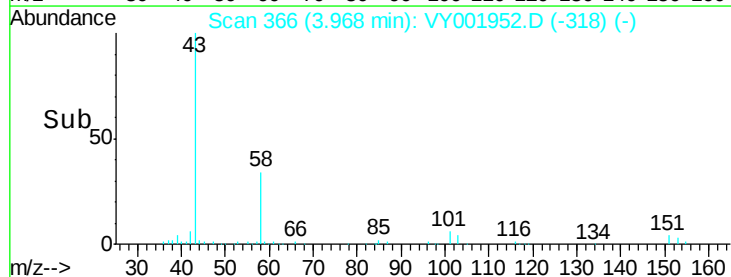
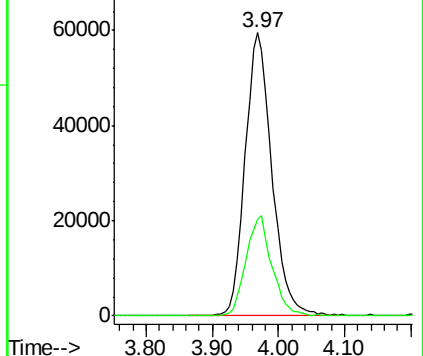
43 100

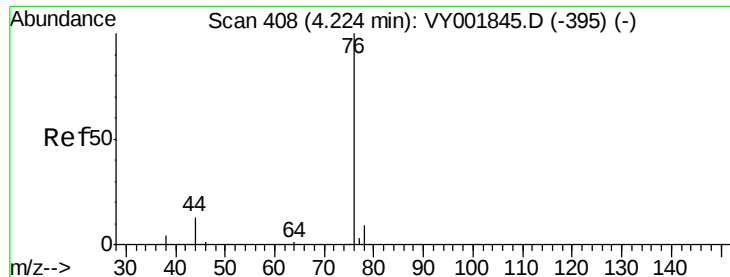
58 34.0 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

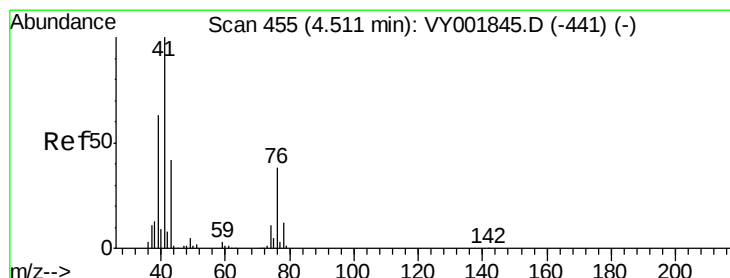
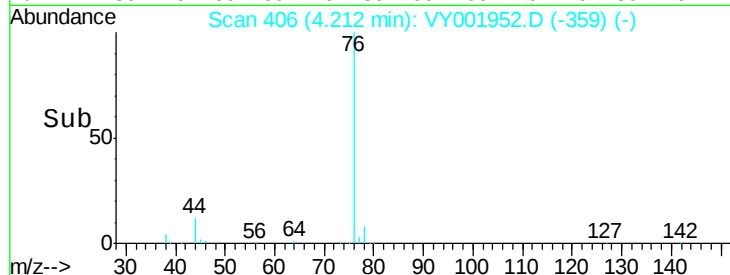
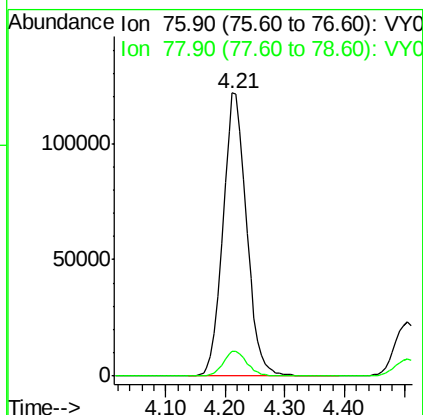
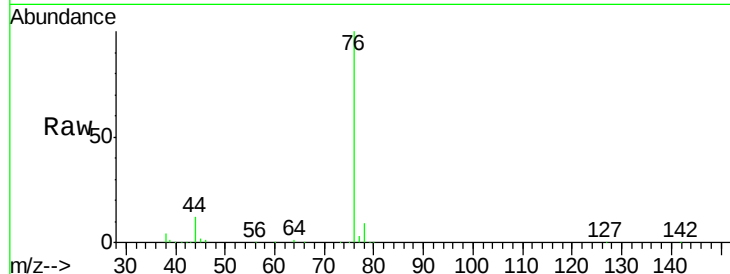




#17
Carbon Disulfide
Concen: 45.87 ug/l
RT: 4.21 min Scan# 406
Delta R.T. -0.01 min
Lab File: VY001952.D
Acq: 12 Mar 2020 10:11

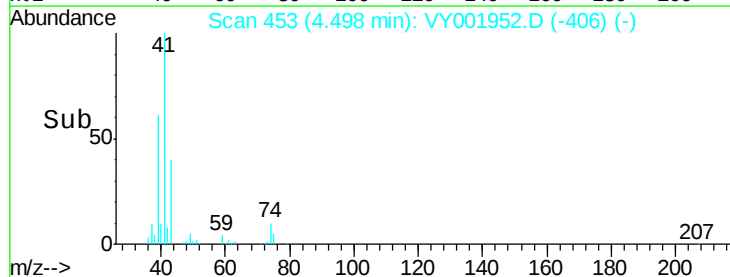
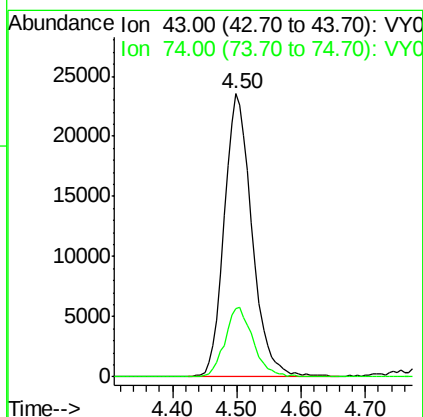
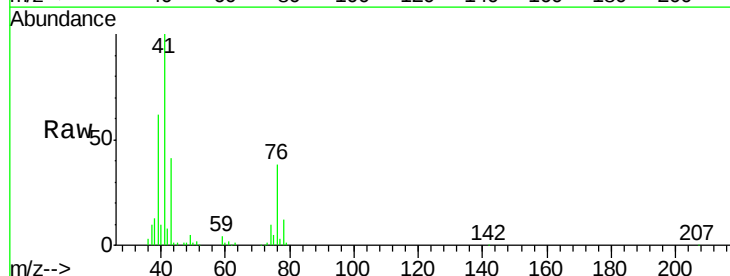
Instrument :
MSVOA_Y
ClientSampled :
BFB

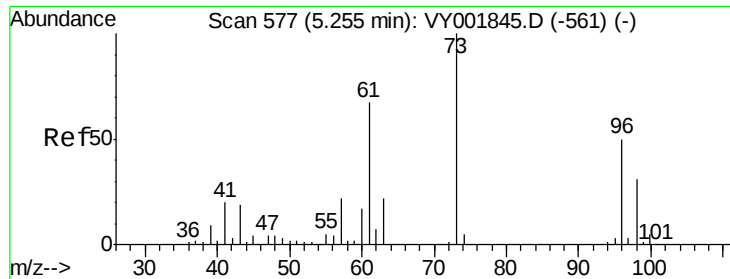
Tgt Ion: 76 Resp: 334457
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.2



#18
Methyl Acetate
Concen: 45.72 ug/l
RT: 4.50 min Scan# 453
Delta R.T. -0.01 min
Lab File: VY001952.D
Acq: 12 Mar 2020 10:11

Tgt Ion: 43 Resp: 71261
Ion Ratio Lower Upper
43 100
74 24.8 19.0 28.6

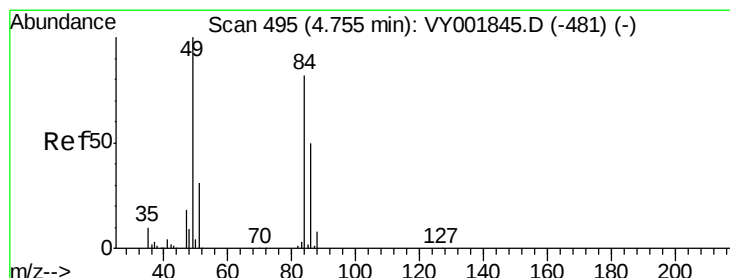
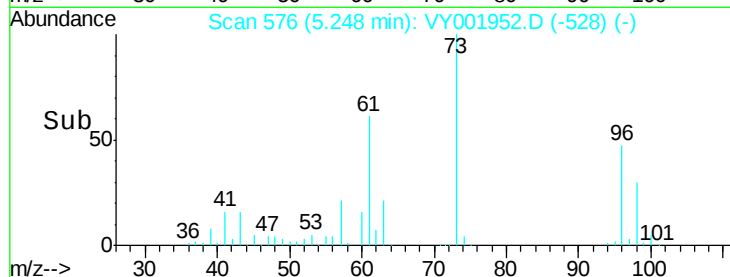
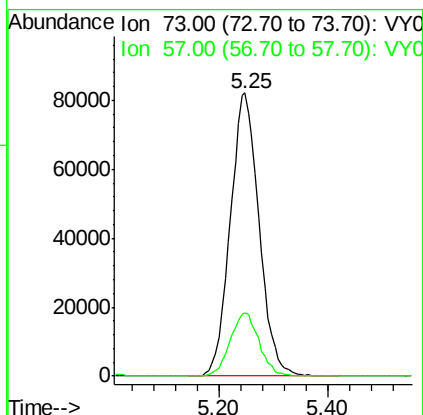
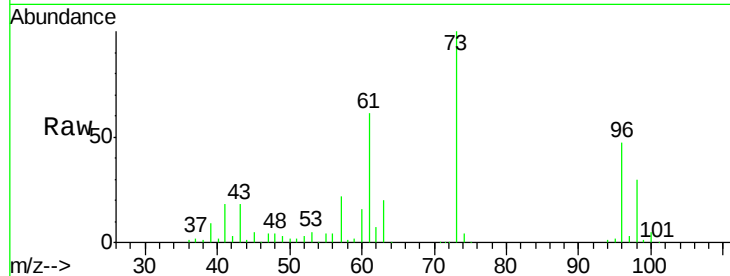




#19
Methyl tert-butyl Ether
Concen: 51.41 ug/l
RT: 5.25 min Scan# 576
Delta R.T. -0.01 min
Lab File: VY001952.D
Acq: 12 Mar 2020 10:11

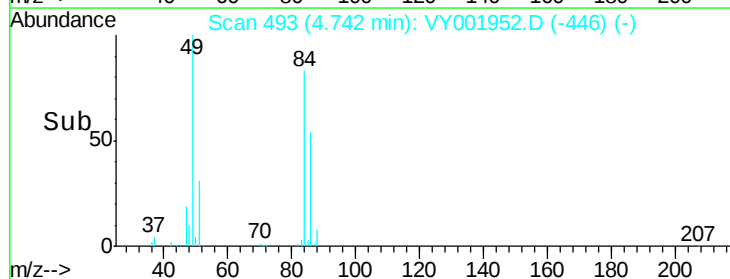
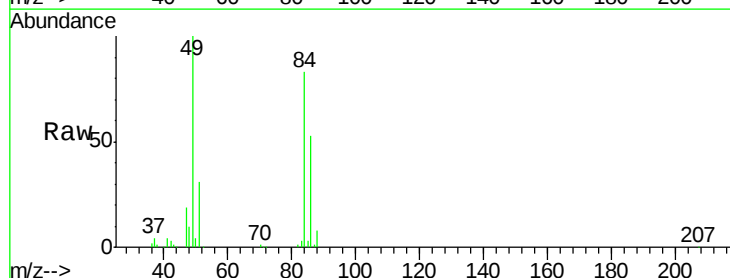
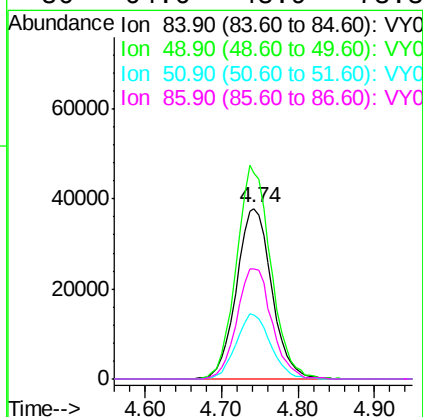
Instrument :
MSVOA_Y
ClientSampleId :
BFB

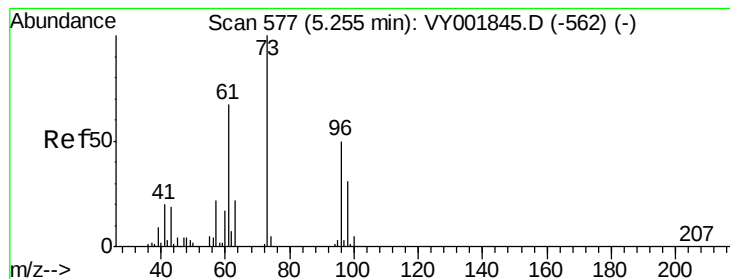
Tgt Ion: 73 Resp: 302198
Ion Ratio Lower Upper
73 100
57 22.2 17.4 26.2



#20
Methylene Chloride
Concen: 46.65 ug/l
RT: 4.74 min Scan# 493
Delta R.T. -0.01 min
Lab File: VY001952.D
Acq: 12 Mar 2020 10:11

Tgt Ion: 84 Resp: 121274
Ion Ratio Lower Upper
84 100
49 120.7 98.2 147.2
51 37.7 30.2 45.2
86 64.6 48.9 73.3





#21

trans-1,2-Dichloroethene

Concen: 49.07 ug/l

RT: 5.25 min Scan# 576

Delta R.T. -0.01 min

Lab File: VY001952.D

Acq: 12 Mar 2020 10:11

Instrument :

MSVOA_Y

ClientSampleId :

BFB

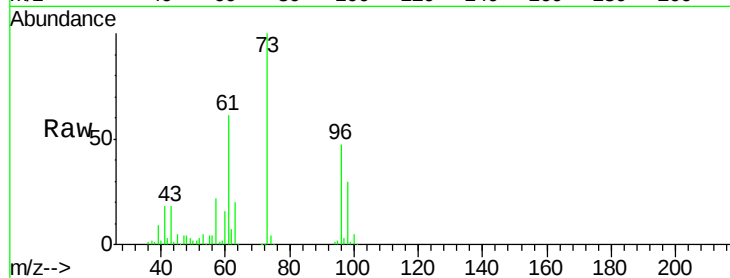
Tgt Ion: 96 Resp: 120813

Ion Ratio Lower Upper

96 100

61 128.5 107.7 161.5

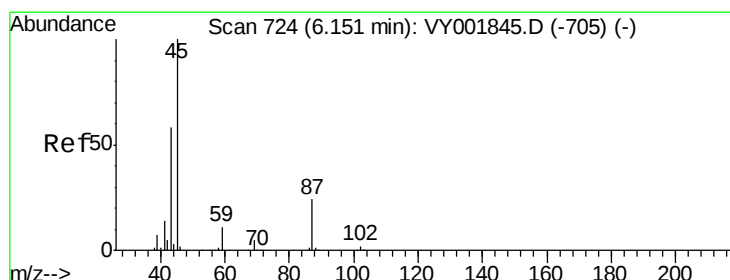
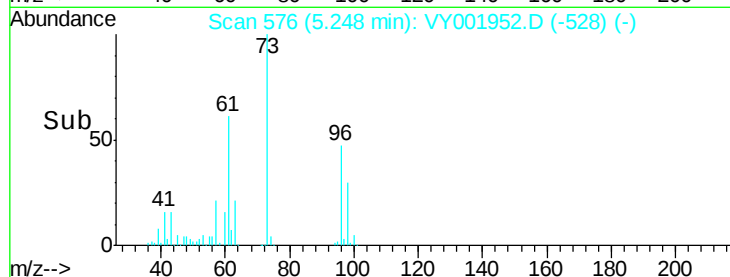
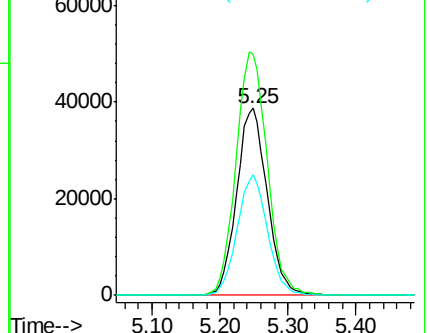
98 64.4 49.3 73.9



Abundance Ion 95.90 (95.60 to 96.60): VY001845.D (-562) (-)

Ion 60.90 (60.60 to 61.60): VY001845.D (-562) (-)

Ion 97.90 (97.60 to 98.60): VY001845.D (-562) (-)



#22

Diisopropyl ether

Concen: 46.89 ug/l

RT: 6.14 min Scan# 723

Delta R.T. -0.01 min

Lab File: VY001952.D

Acq: 12 Mar 2020 10:11

Tgt Ion: 45 Resp: 369604

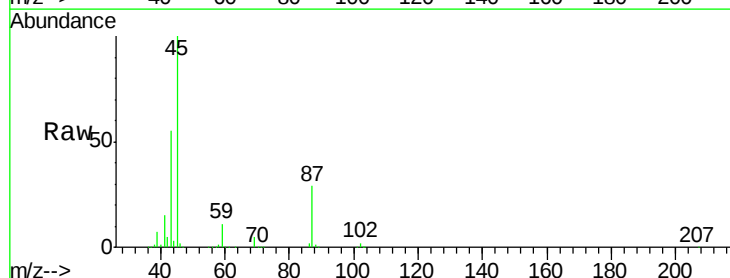
Ion Ratio Lower Upper

45 100

43 54.6 47.2 70.8

87 29.2 19.8 29.8

59 11.4 8.8 13.2

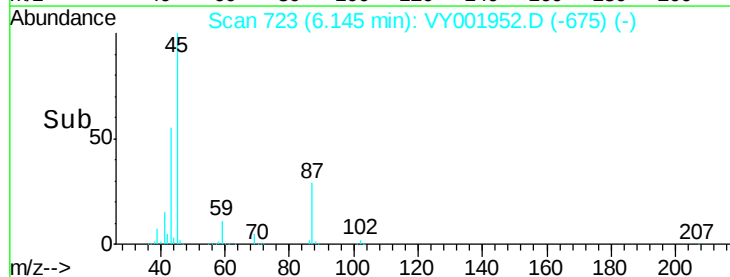
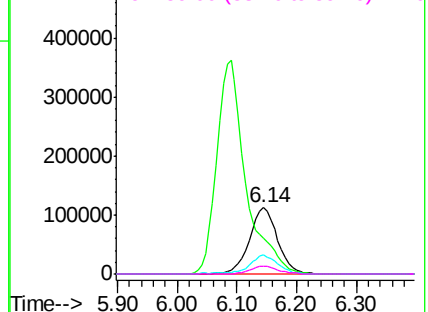


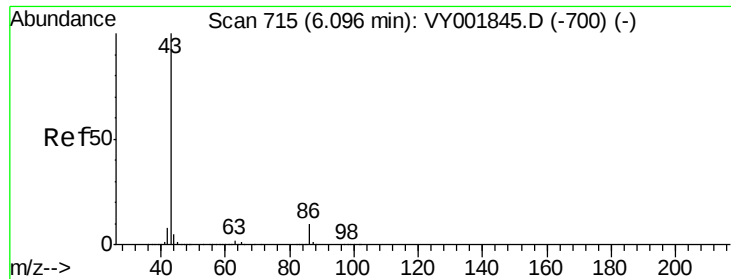
Abundance Ion 45.00 (44.70 to 45.70): VY001845.D (-705) (-)

Ion 43.00 (42.70 to 43.70): VY001845.D (-705) (-)

Ion 87.00 (86.70 to 87.70): VY001845.D (-705) (-)

Ion 59.00 (58.70 to 59.70): VY001845.D (-705) (-)





#23

Vinyl Acetate

Concen: 235.86 ug/l

RT: 6.09 min Scan# 714

Delta R.T. -0.01 min

Lab File: VY001952.D

Acq: 12 Mar 2020 10:11

Instrument :

MSVOA_Y

ClientSampleId :

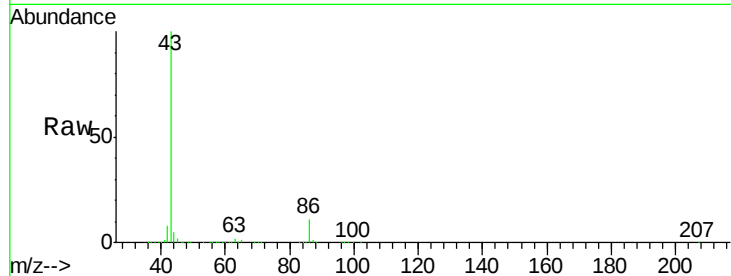
BFB

Tgt Ion: 43 Resp: 1218704

Ion Ratio Lower Upper

43 100

86 11.1 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.09

400000

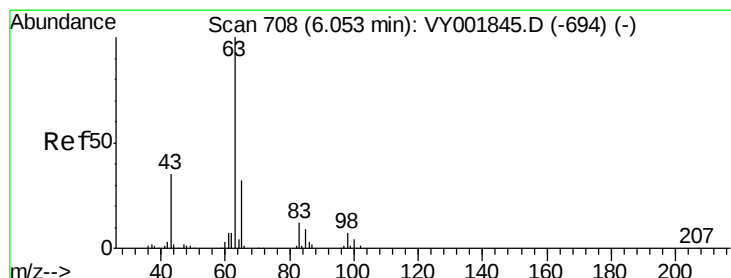
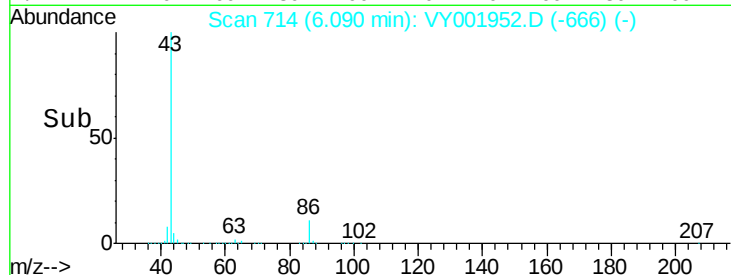
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 48.13 ug/l

RT: 6.05 min Scan# 707

Delta R.T. -0.01 min

Lab File: VY001952.D

Acq: 12 Mar 2020 10:11

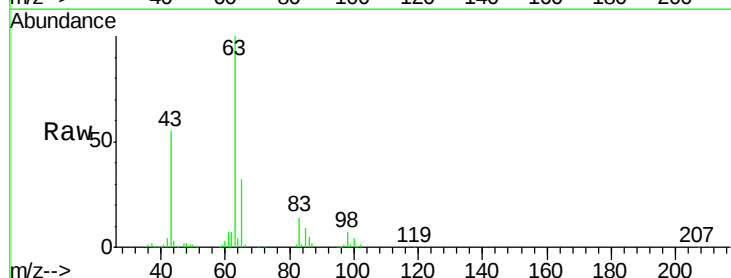
Tgt Ion: 63 Resp: 205450

Ion Ratio Lower Upper

63 100

98 7.1 3.4 10.2

100 4.3 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

6.05

80000

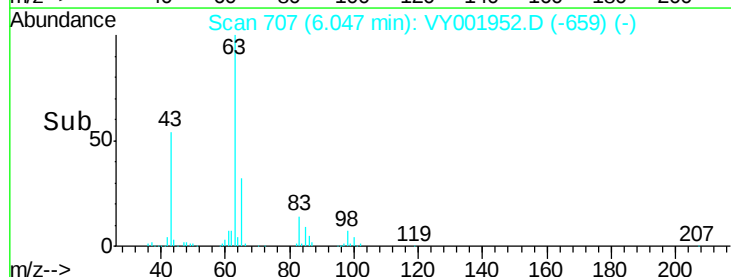
60000

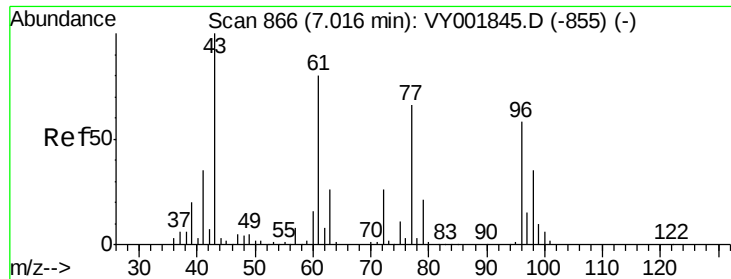
40000

20000

0

Time-->

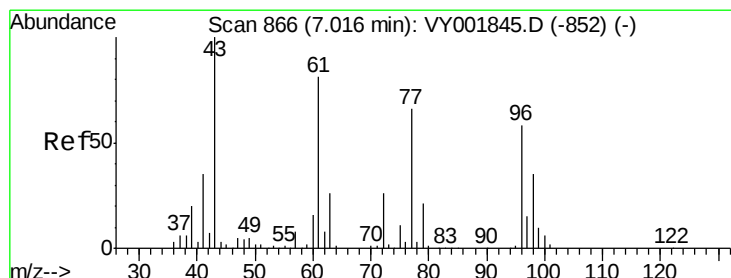
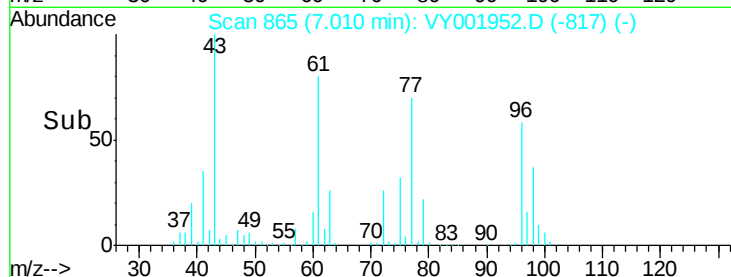
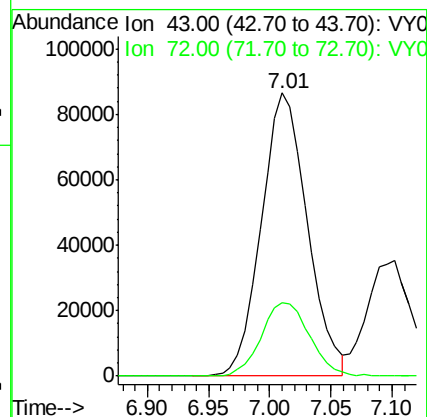
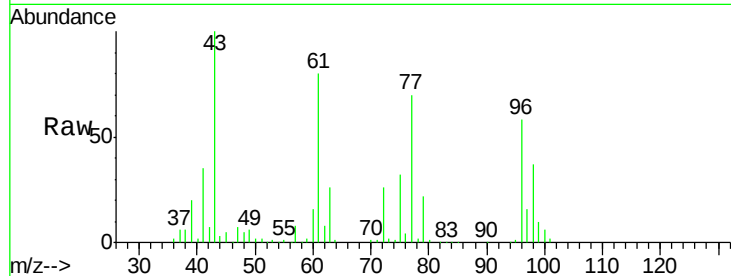




#25
2-Butanone
Concen: 245.24 ug/l
RT: 7.01 min Scan# 865
Delta R.T. -0.01 min
Lab File: VY001952.D
Acq: 12 Mar 2020 10:11

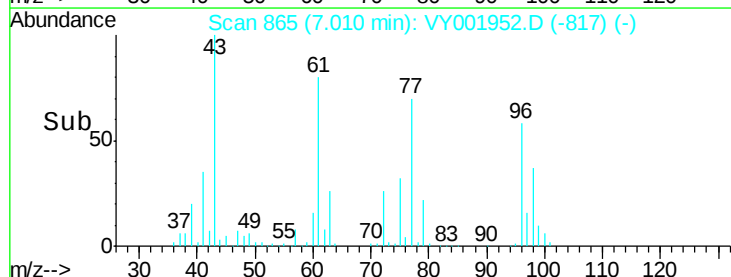
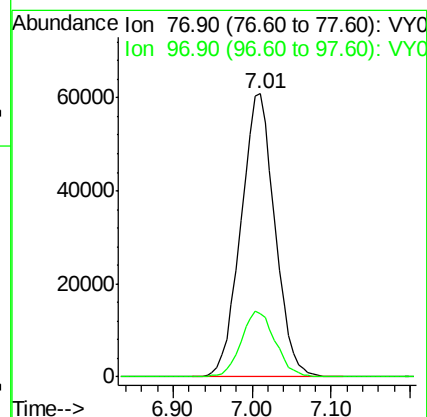
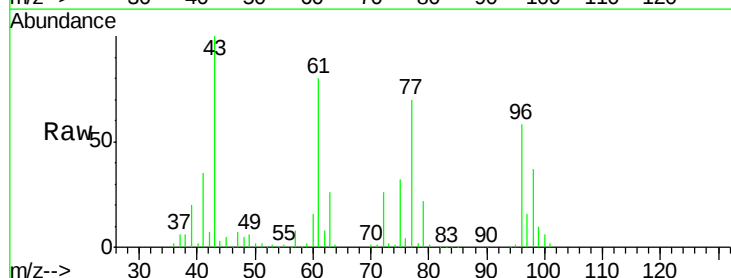
Instrument :
MSVOA_Y
ClientSampled :
BFB

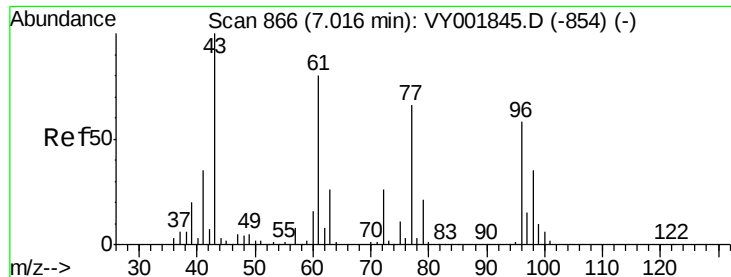
Tgt Ion: 43 Resp: 226223
Ion Ratio Lower Upper
43 100
72 26.0 20.9 31.3



#26
2,2-Dichloropropane
Concen: 51.94 ug/l
RT: 7.01 min Scan# 865
Delta R.T. -0.01 min
Lab File: VY001952.D
Acq: 12 Mar 2020 10:11

Tgt Ion: 77 Resp: 181965
Ion Ratio Lower Upper
77 100
97 23.3 11.9 35.7



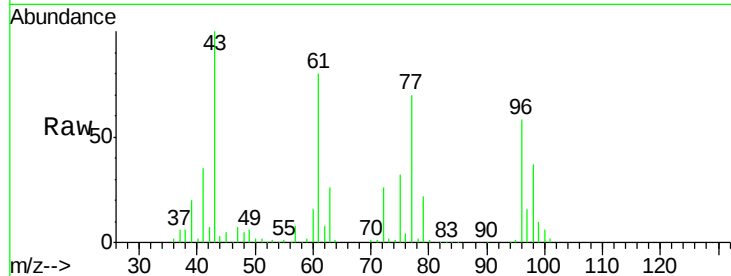


#27

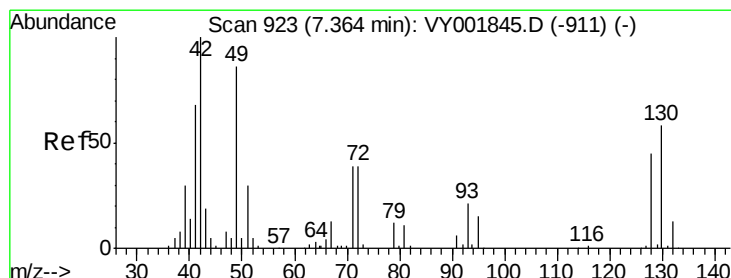
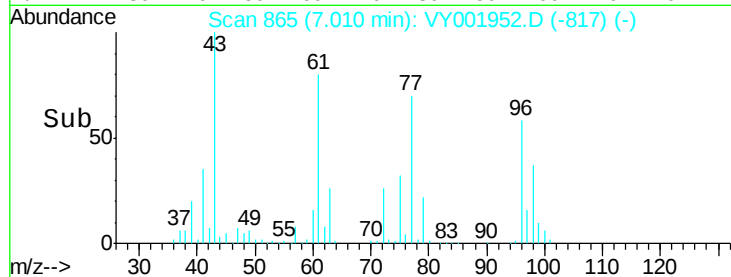
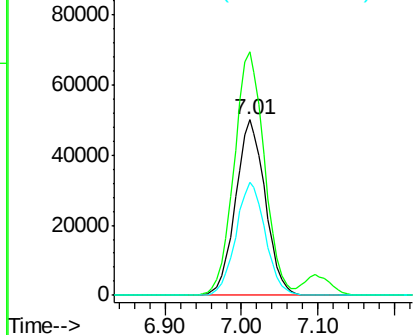
cis-1,2-Dichloroethene
Concen: 50.14 ug/l
RT: 7.01 min Scan# 865
Delta R.T. -0.01 min
Lab File: VY001952.D
Acq: 12 Mar 2020 10:11

Instrument :
MSVOA_Y
ClientSampled :
BFB

Tgt Ion: 96 Resp: 134272
Ion Ratio Lower Upper
96 100
61 141.3 0.0 288.2
98 63.9 0.0 129.0



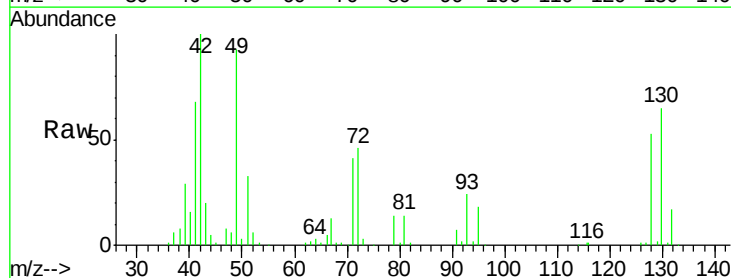
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



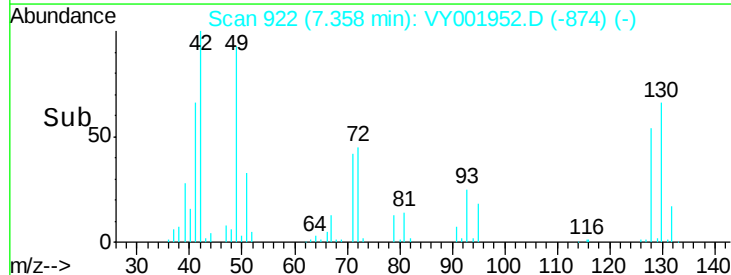
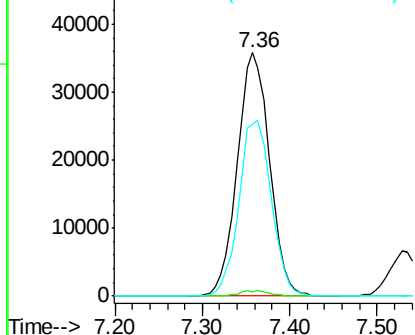
#28

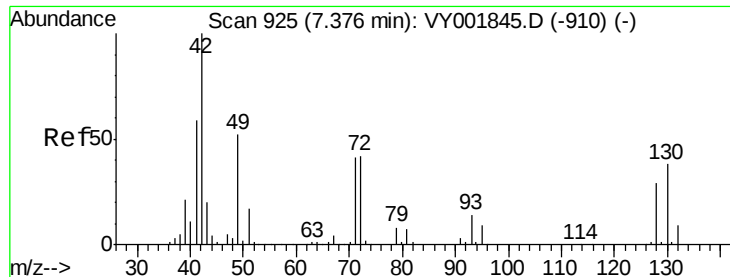
Bromochloromethane
Concen: 47.66 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.01 min
Lab File: VY001952.D
Acq: 12 Mar 2020 10:11

Tgt Ion: 49 Resp: 91684
Ion Ratio Lower Upper
49 100
129 2.1 0.0 3.8
130 73.1 54.4 81.6



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: 221.11 ug/l

RT: 7.37 min Scan# 924

Delta R.T. -0.01 min

Lab File: VY001952.D

Acq: 12 Mar 2020 10:11

Instrument :

MSVOA_Y

ClientSampleId :

BFB

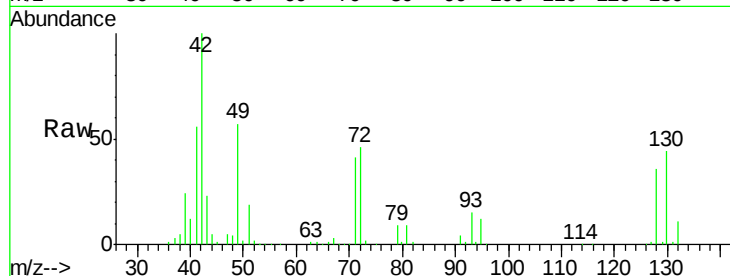
Tgt Ion: 42 Resp: 135447

Ion Ratio Lower Upper

42 100

72 45.0 33.5 50.3

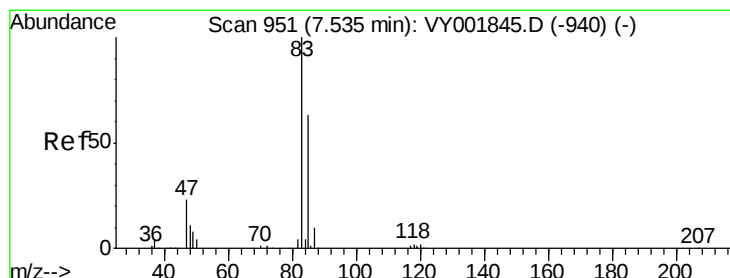
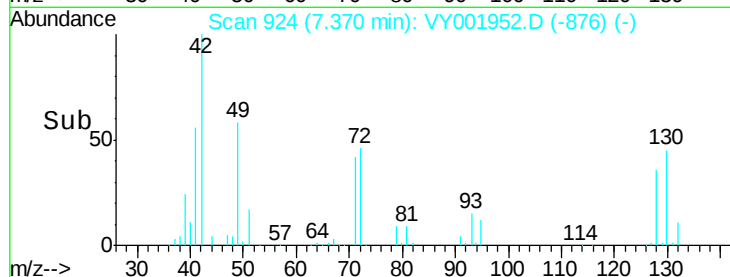
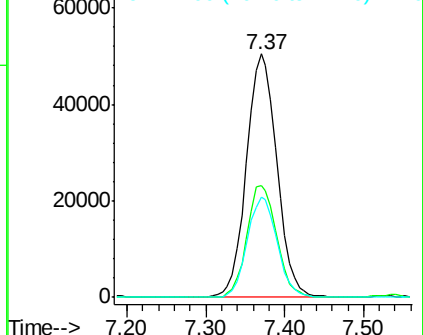
71 40.6 31.3 46.9



Abundance Ion 42.00 (41.70 to 42.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

Ion 71.00 (70.70 to 71.70): VY0



#30

Chloroform

Concen: 50.31 ug/l

RT: 7.53 min Scan# 950

Delta R.T. -0.01 min

Lab File: VY001952.D

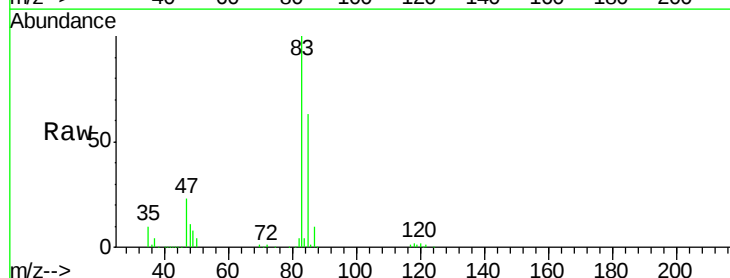
Acq: 12 Mar 2020 10:11

Tgt Ion: 83 Resp: 201734

Ion Ratio Lower Upper

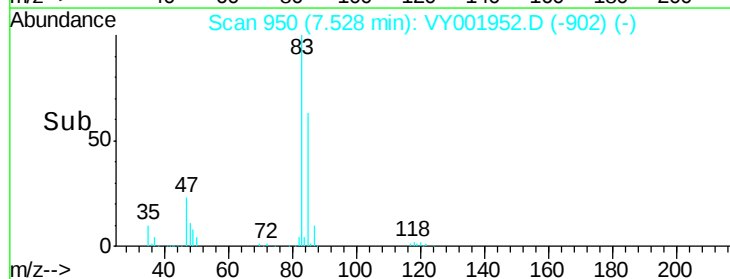
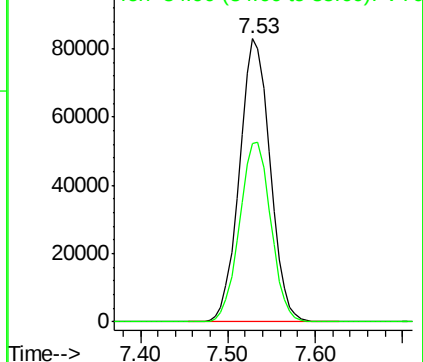
83 100

85 63.2 50.7 76.1



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 43.28 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY001952.D

Acq: 12 Mar 2020 10:11

Instrument :

MSVOA_Y

ClientSampled :

BFB

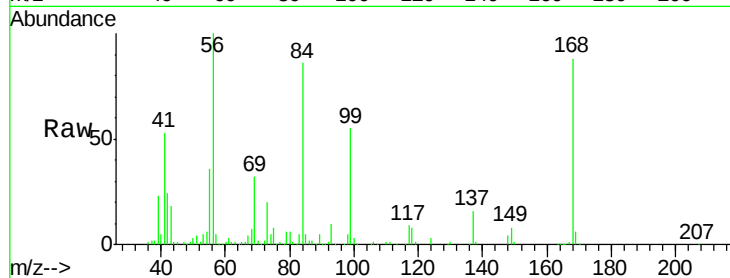
Tgt Ion: 56 Resp: 198070

Ion Ratio Lower Upper

56 100

69 31.9 26.7 40.1

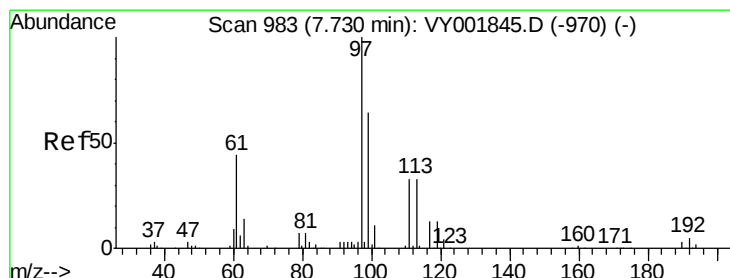
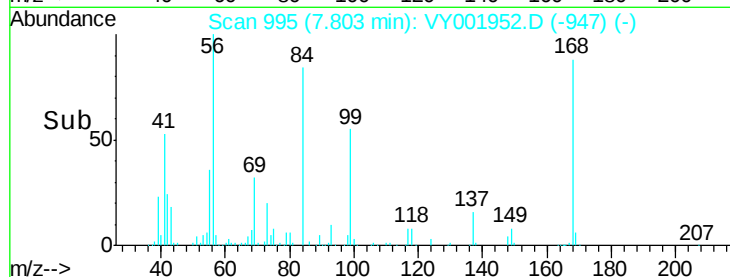
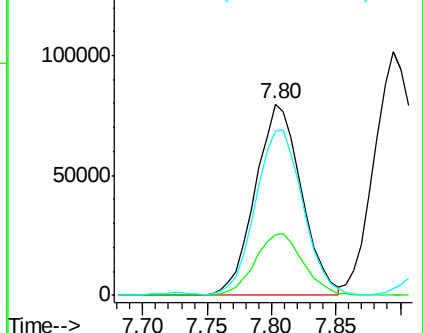
84 84.8 70.4 105.6



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 51.17 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY001952.D

Acq: 12 Mar 2020 10:11

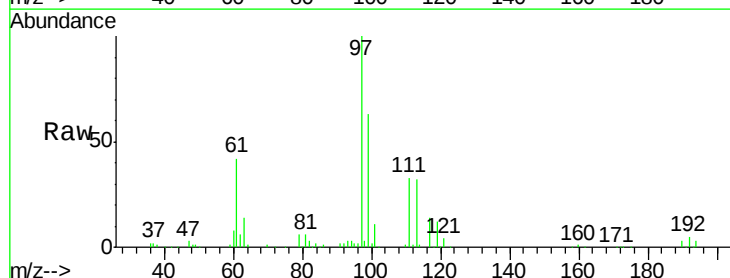
Tgt Ion: 97 Resp: 172940

Ion Ratio Lower Upper

97 100

99 63.0 52.0 78.0

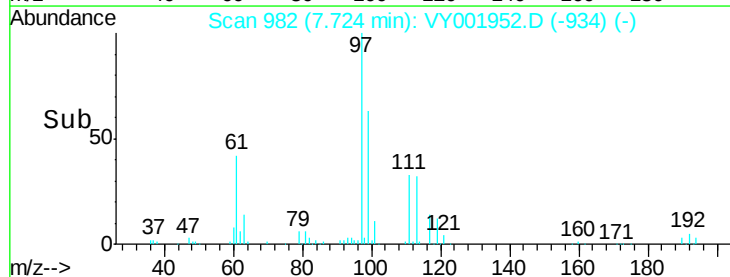
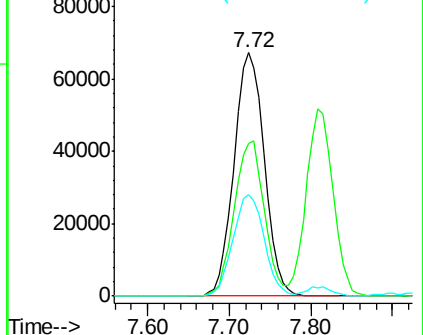
61 42.8 35.0 52.4

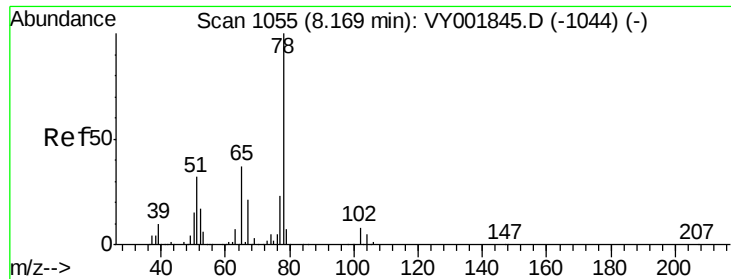


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

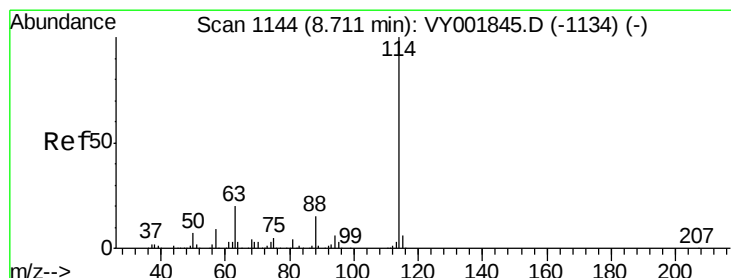
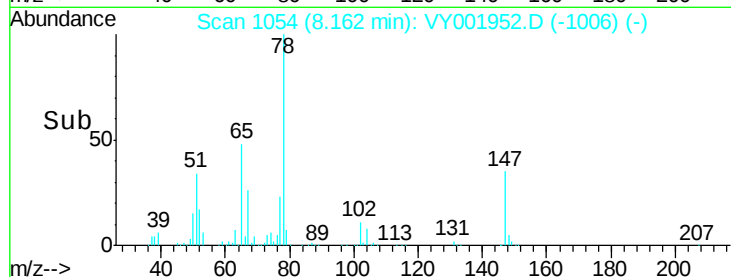
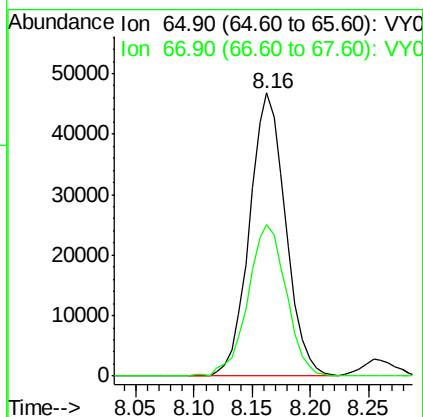
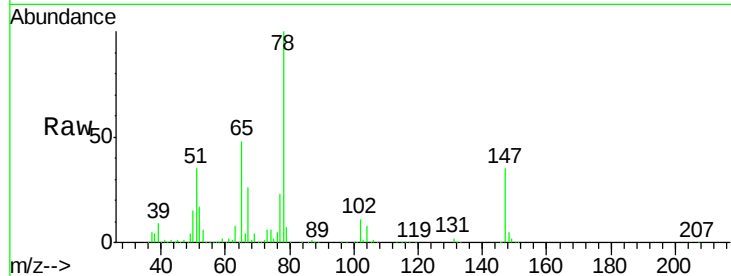




#33
 1,2-Dichloroethane-d4
 Concen: 48.57 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. -0.01 min
 Lab File: VY001952.D
 Acq: 12 Mar 2020 10:11

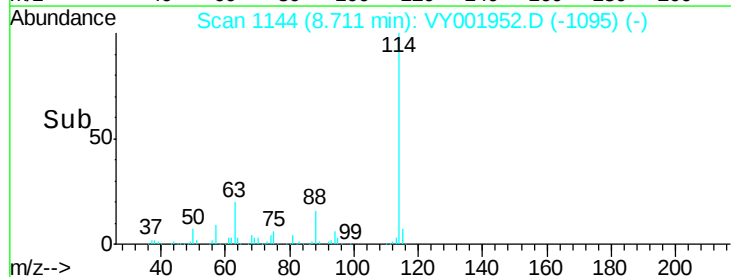
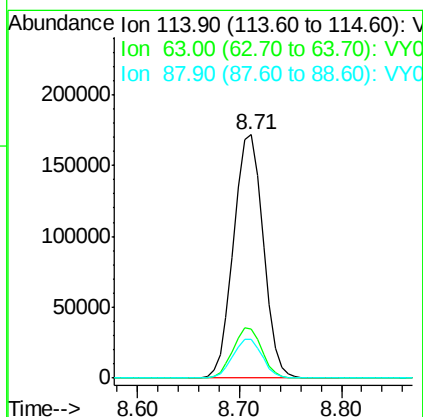
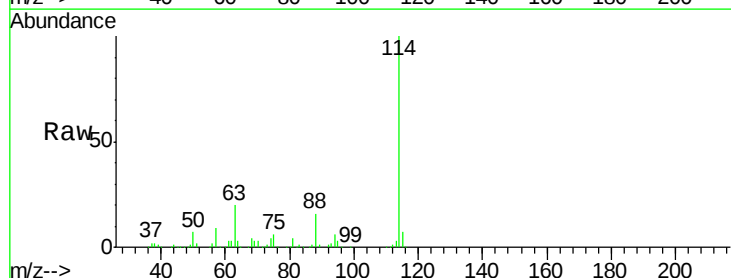
Instrument :
 MSVOA_Y
 ClientSampled :
 BFB

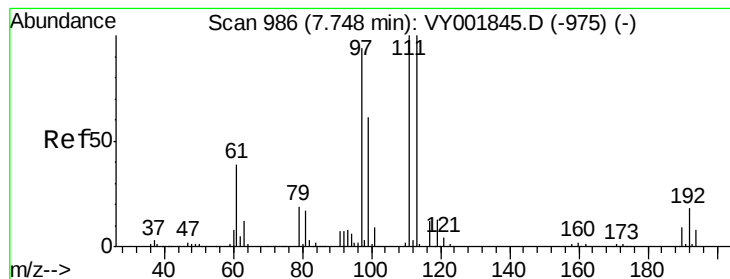
Tgt Ion: 65 Resp: 101145
 Ion Ratio Lower Upper
 65 100
 67 56.9 0.0 110.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. -0.00 min
 Lab File: VY001952.D
 Acq: 12 Mar 2020 10:11

Tgt Ion: 114 Resp: 346708
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 39.4
 88 16.0 0.0 30.4





#35

Dibromofluoromethane

Concen: 51.04 ug/l

RT: 7.74 min Scan# 985

Delta R.T. -0.01 min

Lab File: VY001952.D

Acq: 12 Mar 2020 10:11

Instrument :

MSVOA_Y

ClientSampled :

BFB

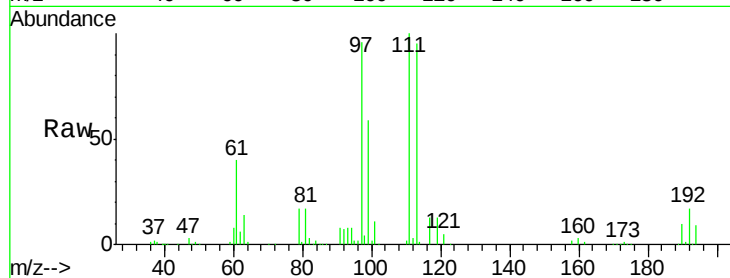
Tgt Ion:113 Resp: 96625

Ion Ratio Lower Upper

113 100

111 104.7 81.8 122.8

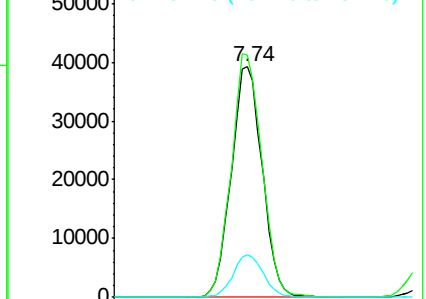
192 17.9 14.2 21.2



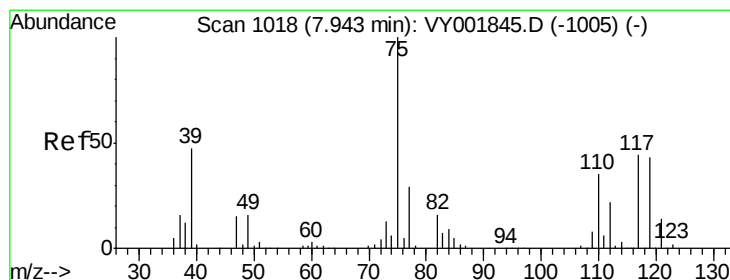
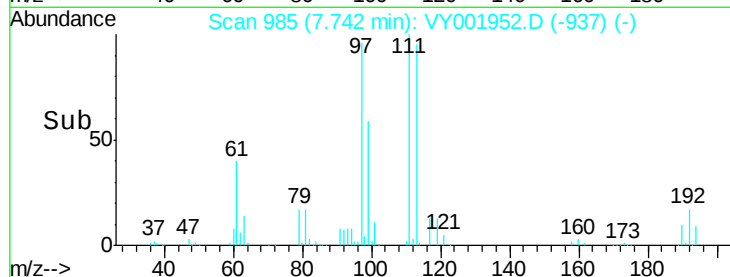
Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



Time--> 7.60 7.70 7.80 7.90



#36

1,1-Dichloropropene

Concen: 49.13 ug/l

RT: 7.94 min Scan# 1018

Delta R.T. -0.00 min

Lab File: VY001952.D

Acq: 12 Mar 2020 10:11

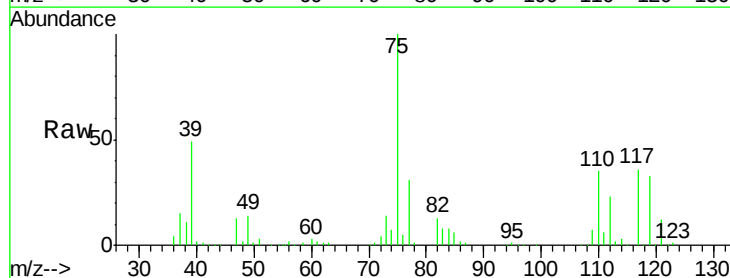
Tgt Ion: 75 Resp: 163907

Ion Ratio Lower Upper

75 100

110 35.8 17.4 52.2

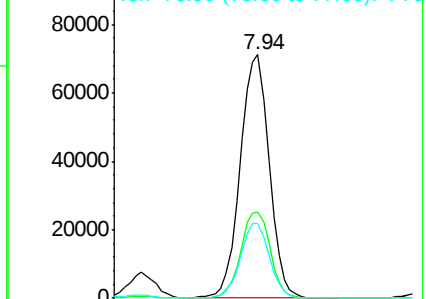
77 31.0 24.2 36.2



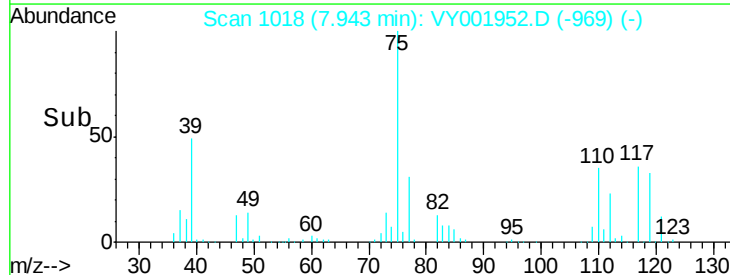
Abundance Ion 74.90 (74.60 to 75.60): VY0

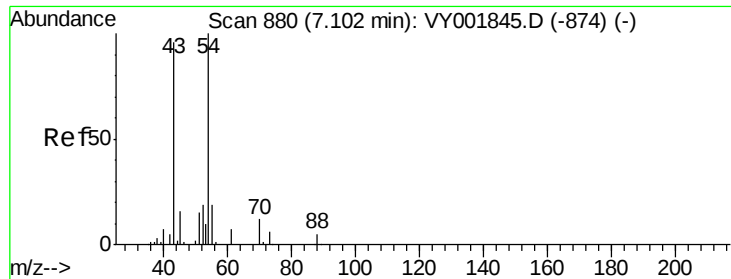
Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0



Time--> 7.80 7.90 8.00

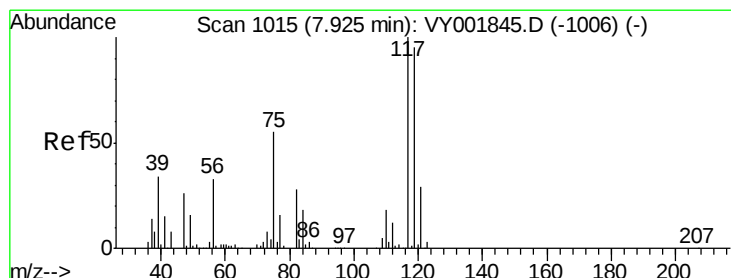
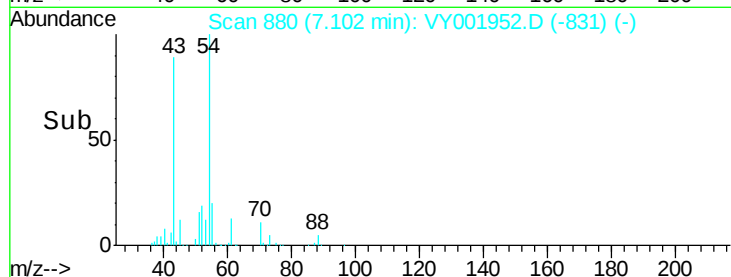
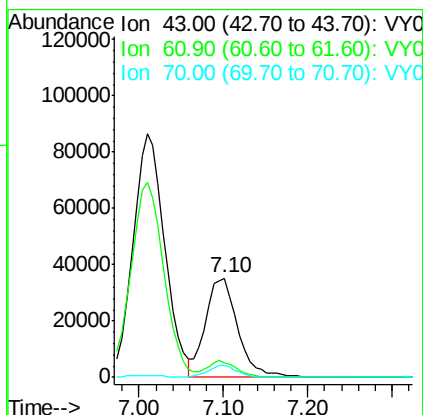
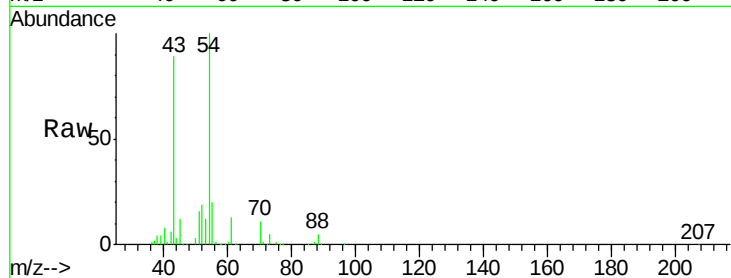




#37
Ethyl Acetate
Concen: 48.25 ug/l
RT: 7.10 min Scan# 880
Delta R.T. -0.00 min
Lab File: VY001952.D
Acq: 12 Mar 2020 10:11

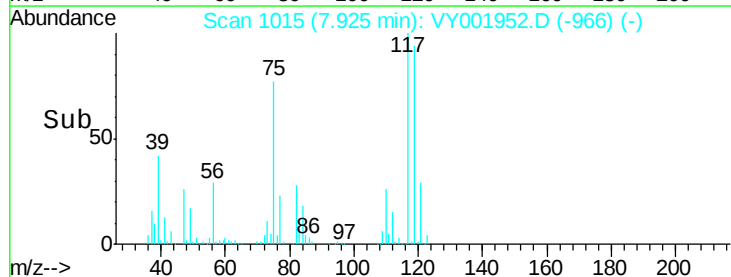
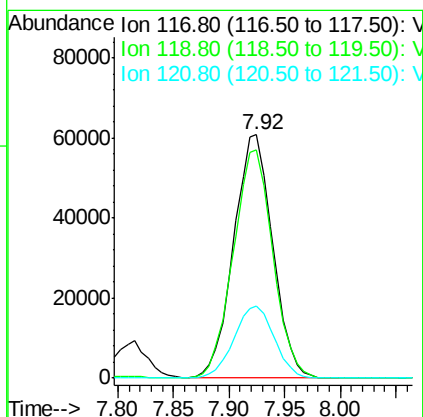
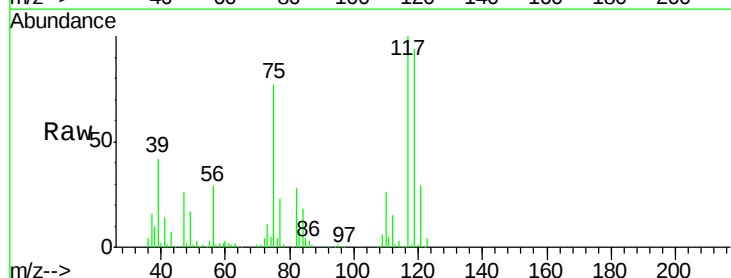
Instrument :
MSVOA_Y
ClientSampled :
BFB

Tgt Ion: 43 Resp: 93565
Ion Ratio Lower Upper
43 100
61 15.7 11.1 16.7
70 11.2 8.2 12.4



#38
Carbon Tetrachloride
Concen: 51.99 ug/l
RT: 7.92 min Scan# 1015
Delta R.T. -0.00 min
Lab File: VY001952.D
Acq: 12 Mar 2020 10:11

Tgt Ion: 117 Resp: 148181
Ion Ratio Lower Upper
117 100
119 93.9 76.3 114.5
121 29.4 23.5 35.3

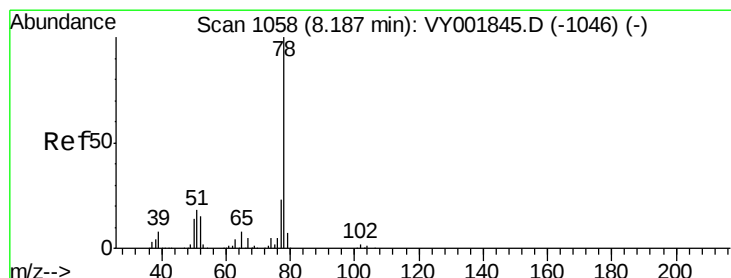
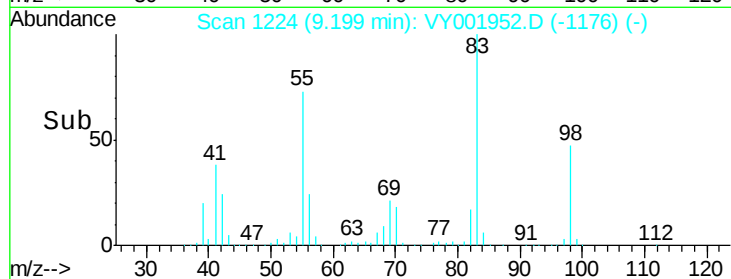
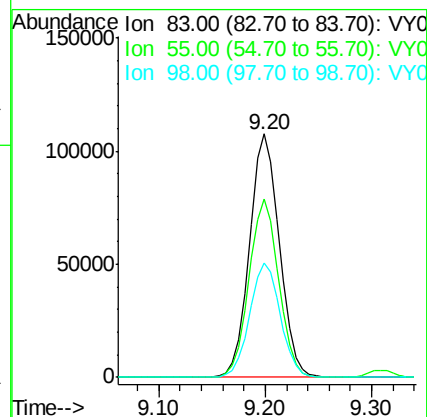
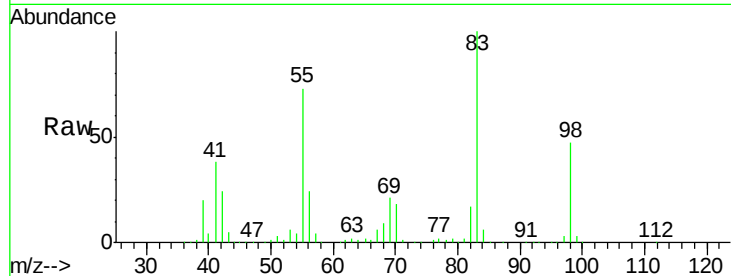




#39
Methylcyclohexane
Concen: 47.85 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. -0.01 min
Lab File: VY001952.D
Acq: 12 Mar 2020 10:11

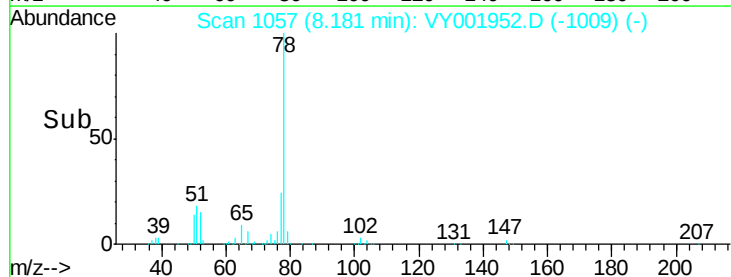
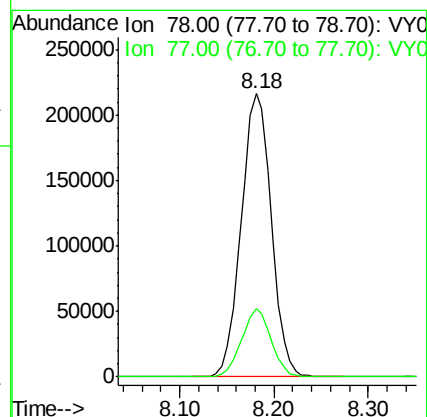
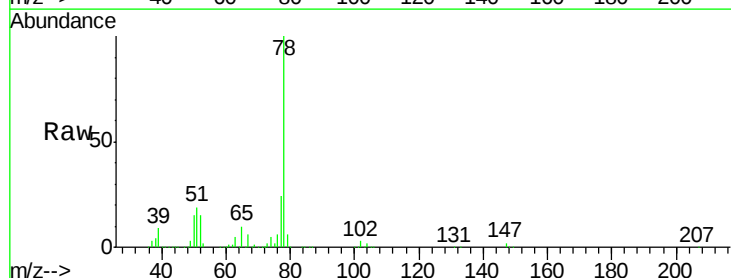
Instrument :
MSVOA_Y
ClientSampled :
BFB

Tgt Ion: 83 Resp: 211763
Ion Ratio Lower Upper
83 100
55 73.3 59.4 89.0
98 46.9 38.9 58.3



#40
Benzene
Concen: 48.77 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. -0.01 min
Lab File: VY001952.D
Acq: 12 Mar 2020 10:11

Tgt Ion: 78 Resp: 482247
Ion Ratio Lower Upper
78 100
77 24.3 18.7 28.1

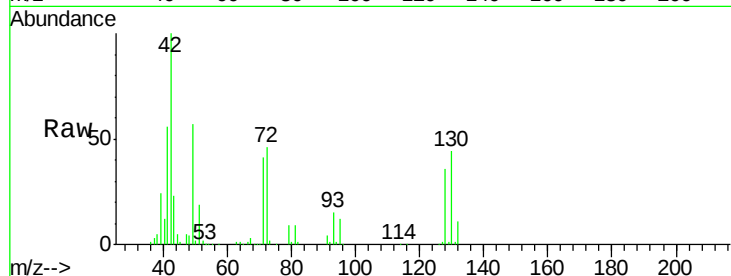




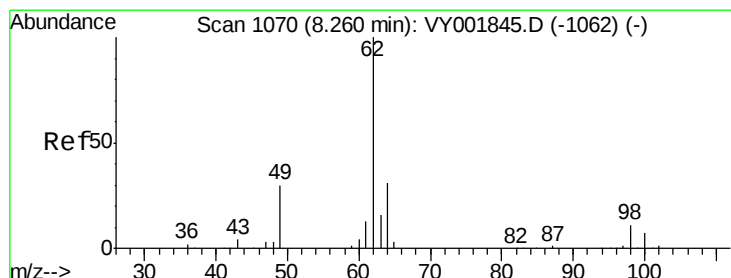
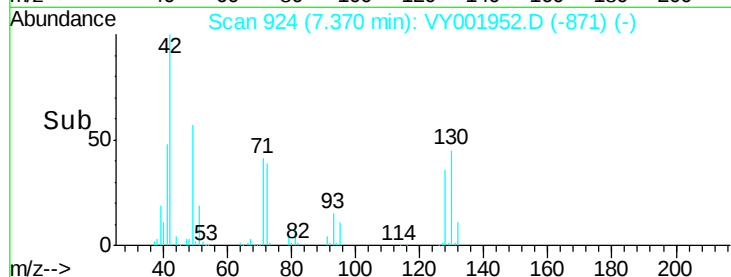
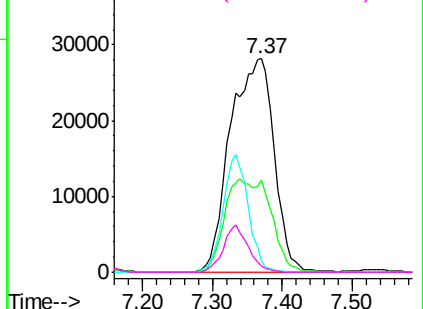
#41
Methacrylonitrile
Concen: 140.07 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.02 min
Lab File: VY001952.D
Acq: 12 Mar 2020 10:11

Instrument :
MSVOA_Y
ClientSampleId :
BFB

Tgt Ion: 41 Resp: 122237
Ion Ratio Lower Upper
41 100
39 0.0 111.7 167.5#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

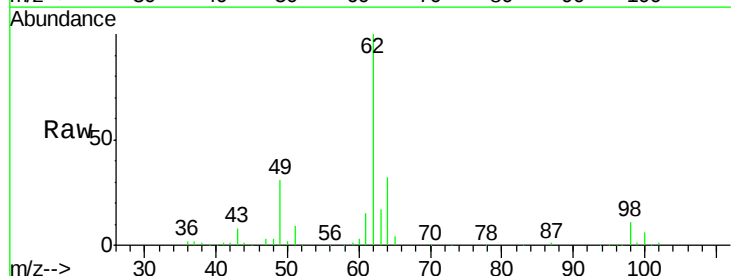


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

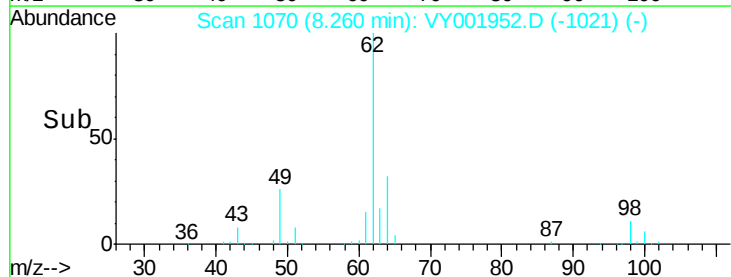
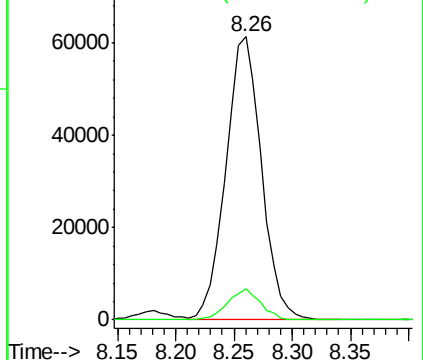


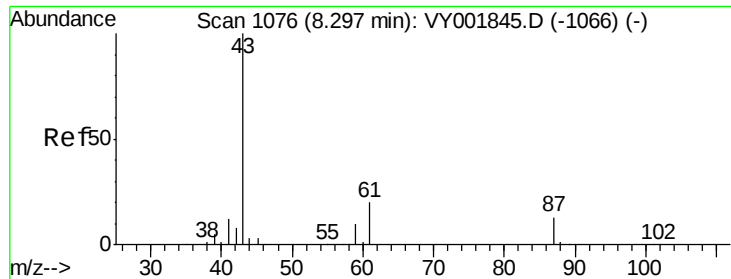
#42
1,2-Dichloroethane
Concen: 51.22 ug/l
RT: 8.26 min Scan# 1070
Delta R.T. -0.00 min
Lab File: VY001952.D
Acq: 12 Mar 2020 10:11

Tgt Ion: 62 Resp: 130512
Ion Ratio Lower Upper
62 100
98 10.3 0.0 21.4



Abundance Ion 61.90 (61.60 to 62.60): VY0
Ion 97.90 (97.60 to 98.60): VY0

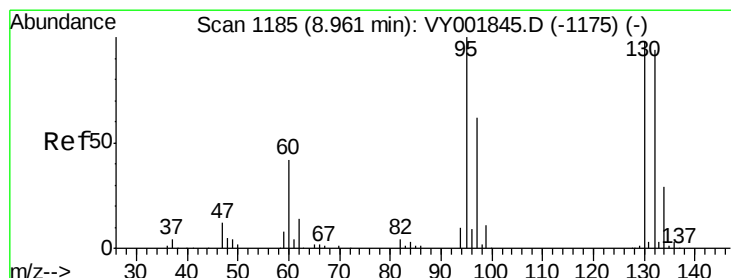
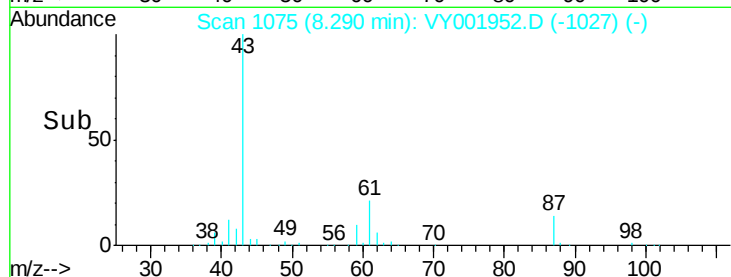
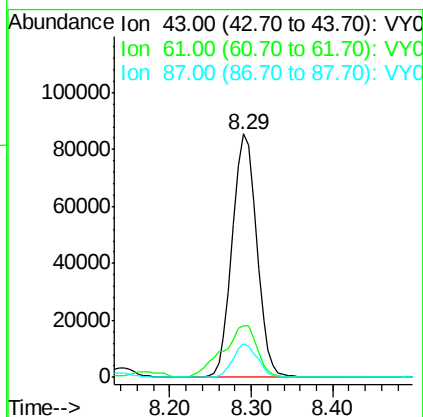
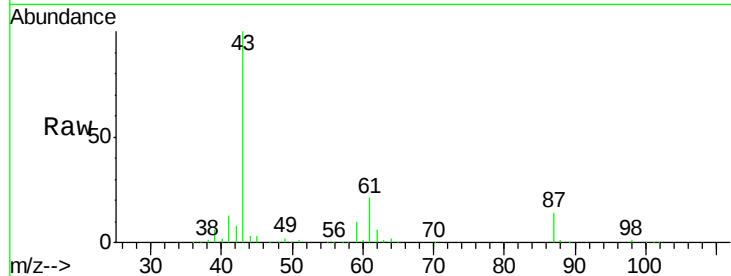




#43
Isopropyl Acetate
Concen: 48.21 ug/l
RT: 8.29 min Scan# 1075
Delta R.T. -0.01 min
Lab File: VY001952.D
Acq: 12 Mar 2020 10:11

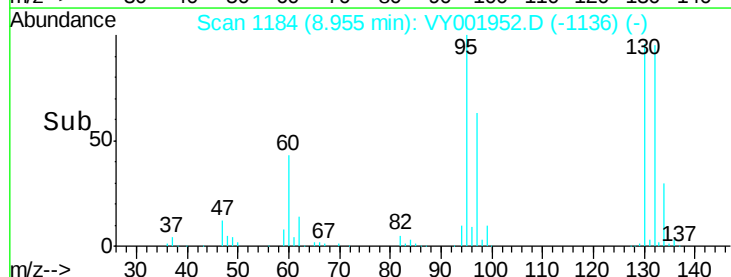
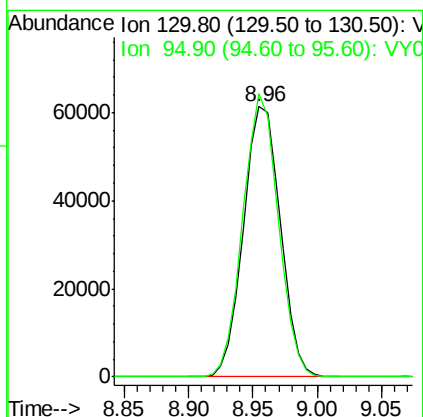
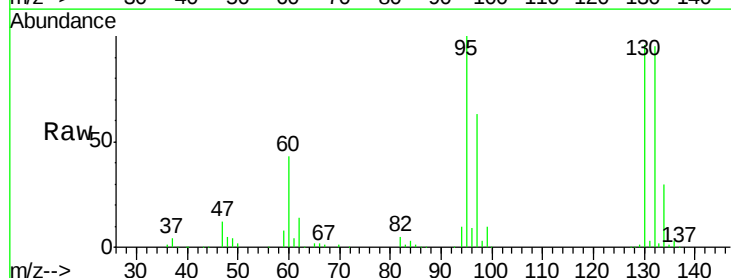
Instrument :
MSVOA_Y
ClientSampled :
BFB

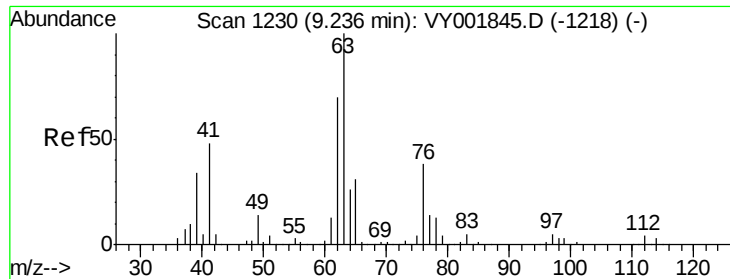
Tgt Ion: 43 Resp: 177010
Ion Ratio Lower Upper
43 100
61 30.0 23.8 35.6
87 13.8 10.9 16.3



#44
Trichloroethene
Concen: 50.60 ug/l
RT: 8.96 min Scan# 1184
Delta R.T. -0.01 min
Lab File: VY001952.D
Acq: 12 Mar 2020 10:11

Tgt Ion: 130 Resp: 121859
Ion Ratio Lower Upper
130 100
95 104.6 0.0 204.6

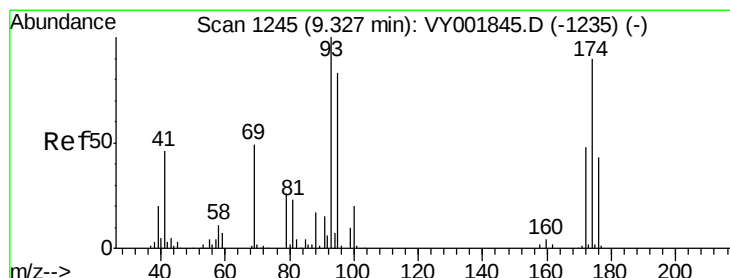
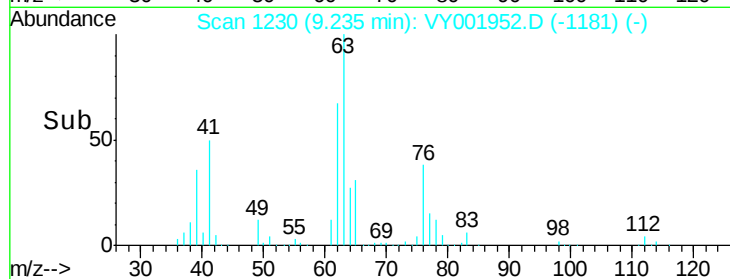
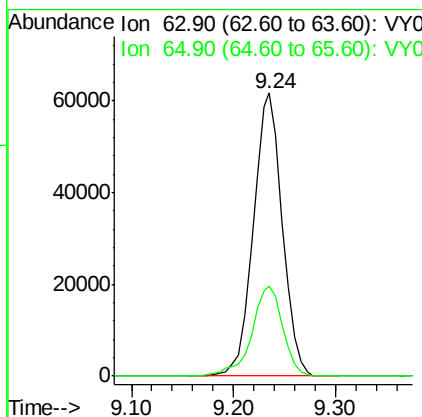
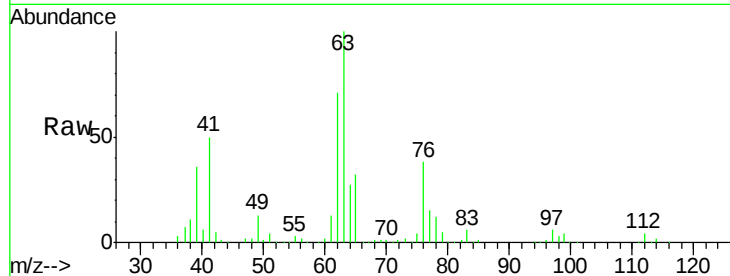




#45
 1,2-Dichloropropane
 Concen: 48.90 ug/l
 RT: 9.24 min Scan# 1230
 Delta R.T. -0.00 min
 Lab File: VY001952.D
 Acq: 12 Mar 2020 10:11

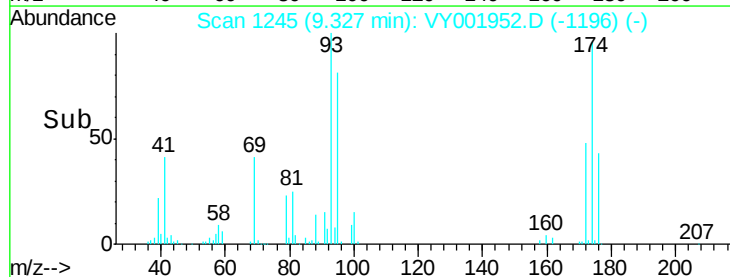
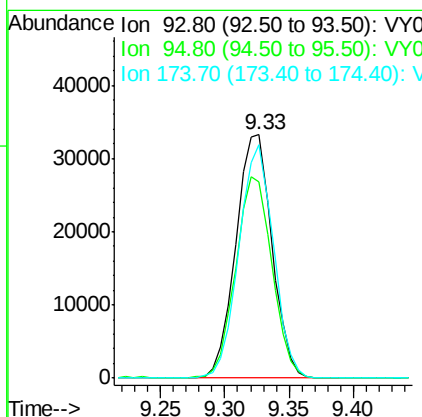
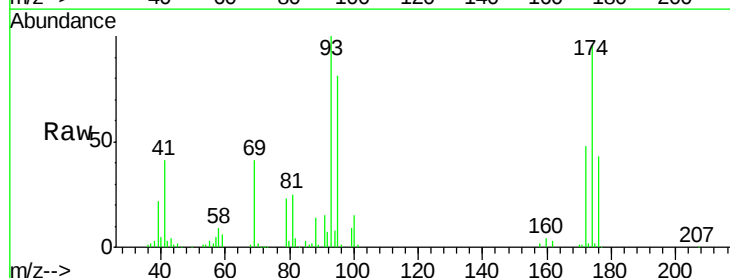
Instrument :
 MSVOA_Y
 ClientSampleId :
 BFB

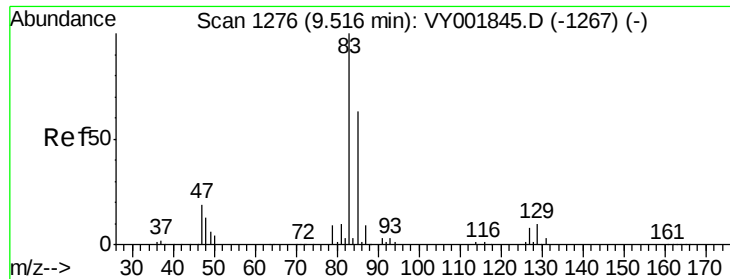
Tgt Ion: 63 Resp: 121567
 Ion Ratio Lower Upper
 63 100
 65 31.8 24.9 37.3



#46
 Dibromomethane
 Concen: 50.56 ug/l
 RT: 9.33 min Scan# 1245
 Delta R.T. -0.00 min
 Lab File: VY001952.D
 Acq: 12 Mar 2020 10:11

Tgt Ion: 93 Resp: 64767
 Ion Ratio Lower Upper
 93 100
 95 83.1 67.0 100.4
 174 91.6 71.8 107.8

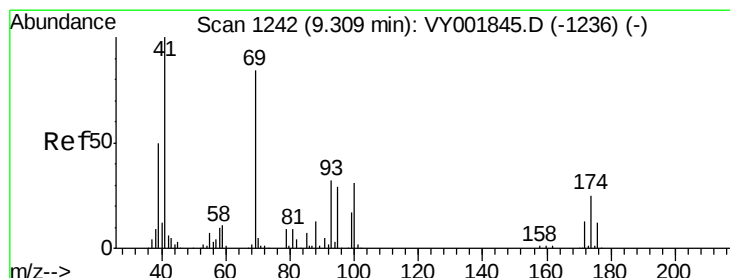
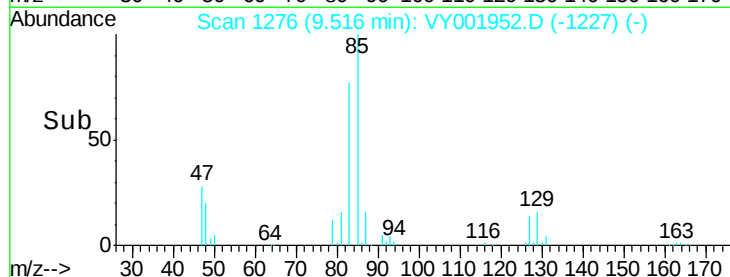
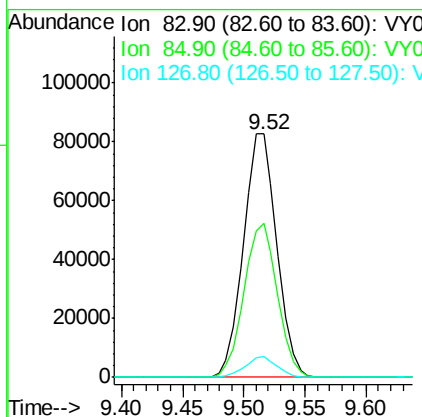
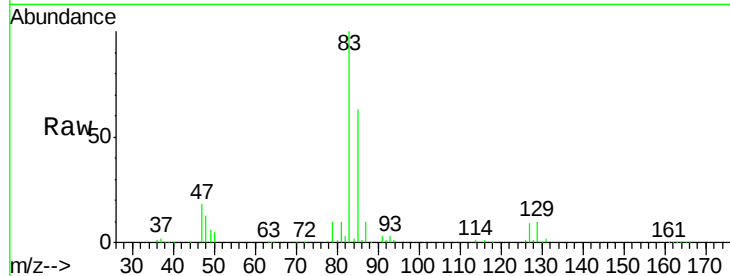




#47
 Bromodichloromethane
 Concen: 52.61 ug/l
 RT: 9.52 min Scan# 1276
 Delta R.T. -0.00 min
 Lab File: VY001952.D
 Acq: 12 Mar 2020 10:11

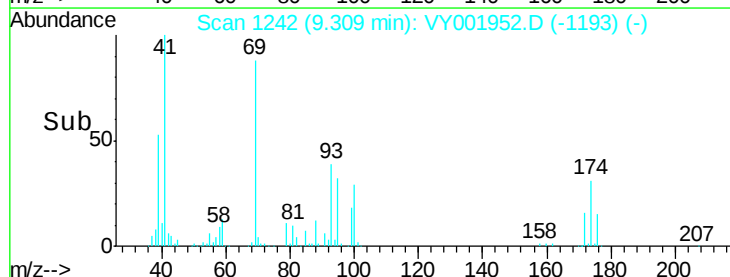
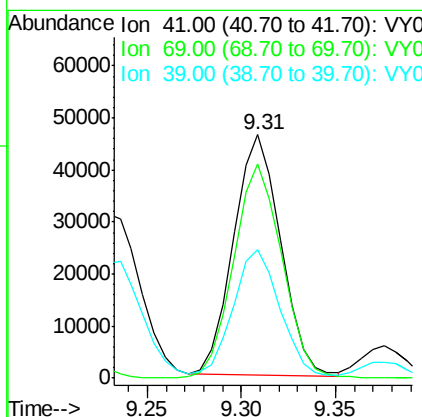
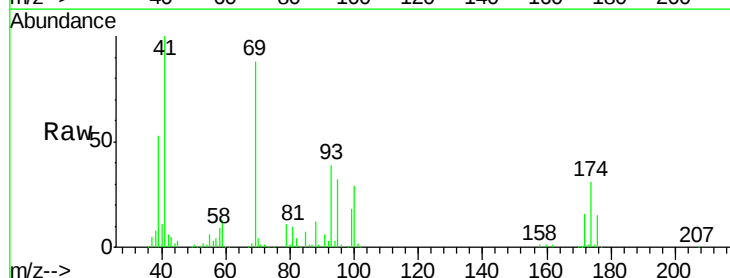
Instrument :
 MSVOA_Y
 ClientSampled :
 BFB

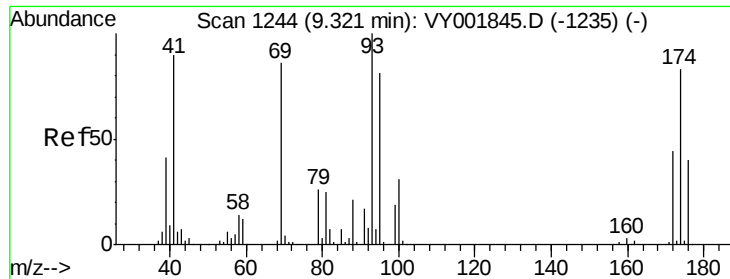
Tgt Ion: 83 Resp: 156792
 Ion Ratio Lower Upper
 83 100
 85 63.2 50.6 76.0
 127 8.6 6.2 9.4



#48
 Methyl methacrylate
 Concen: 48.85 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY001952.D
 Acq: 12 Mar 2020 10:11

Tgt Ion: 41 Resp: 79580
 Ion Ratio Lower Upper
 41 100
 69 92.1 69.0 103.6
 39 51.5 39.1 58.7





#49

1,4-Dioxane

Concen: 880.33 ug/l

RT: 9.31 min Scan# 1243

Delta R.T. -0.01 min

Lab File: VY001952.D

Acq: 12 Mar 2020 10:11

Instrument :

MSVOA_Y

ClientSampled :

BFB

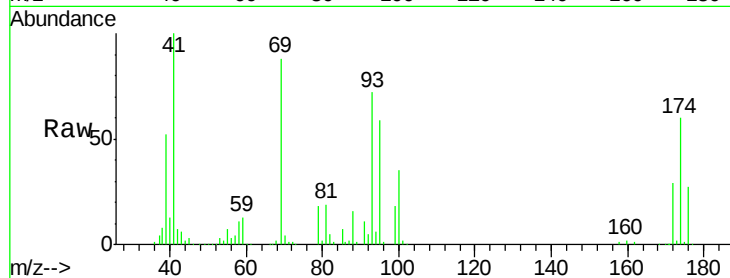
Tgt Ion: 88 Resp: 15453

Ion Ratio Lower Upper

88 100

43 30.1 25.0 37.6

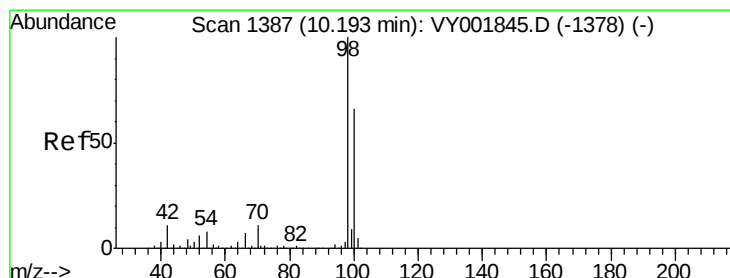
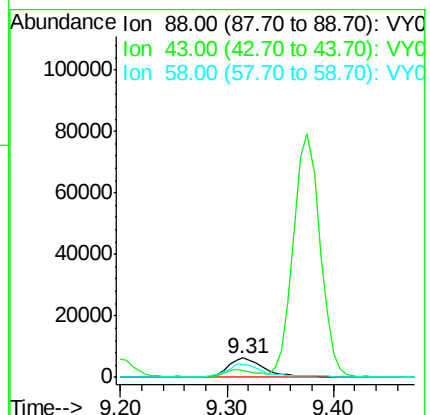
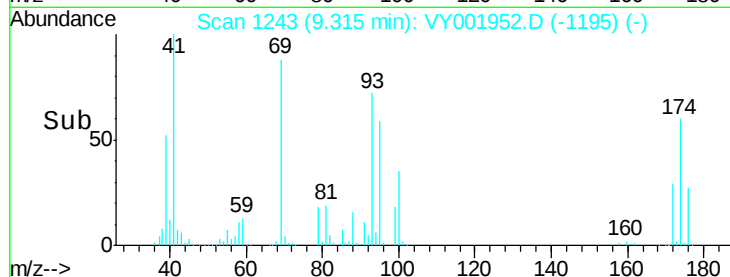
58 74.6 58.9 88.3



Abundance Ion 88.00 (87.70 to 88.70): VY001952.D (-1195) (-)

Ion 43.00 (42.70 to 43.70): VY001952.D (-1195) (-)

Ion 58.00 (57.70 to 58.70): VY001952.D (-1195) (-)



#50

Toluene-d8

Concen: 49.11 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. -0.00 min

Lab File: VY001952.D

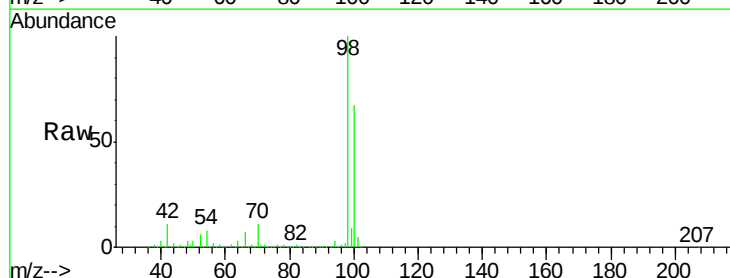
Acq: 12 Mar 2020 10:11

Tgt Ion: 98 Resp: 392089

Ion Ratio Lower Upper

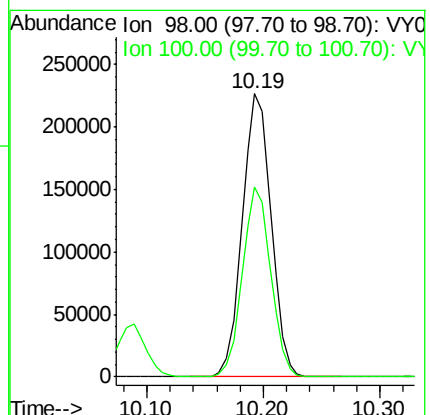
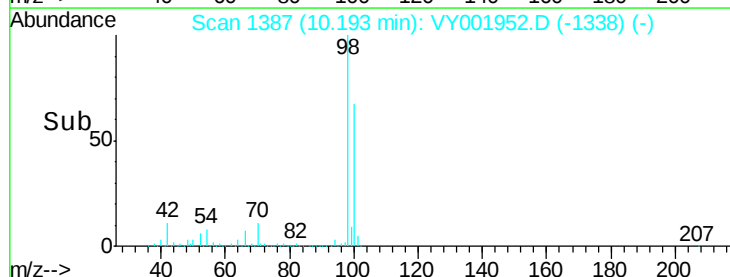
98 100

100 65.9 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY001952.D (-1338) (-)

Ion 100.00 (99.70 to 100.70): VY001952.D (-1338) (-)

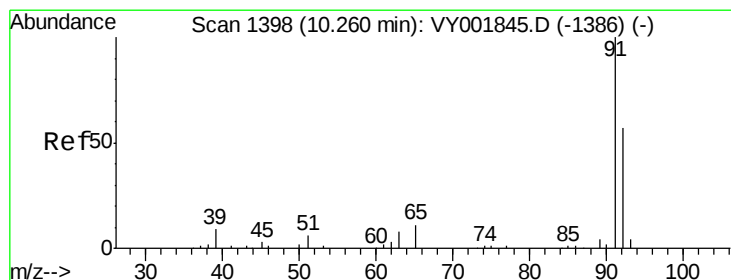
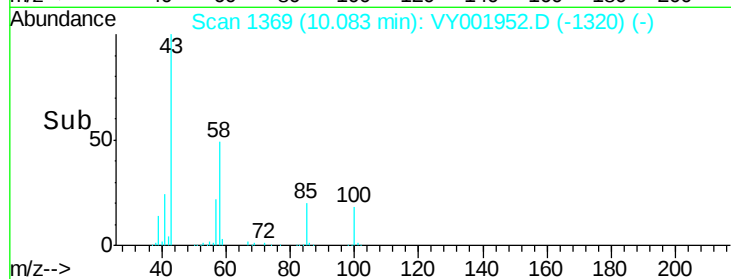
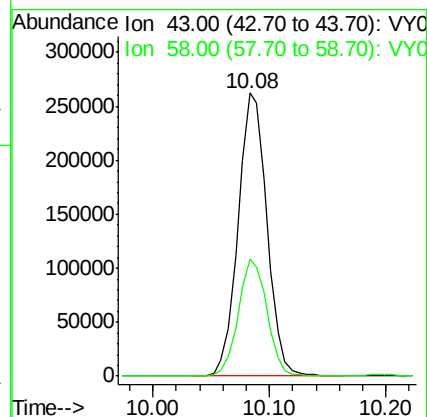
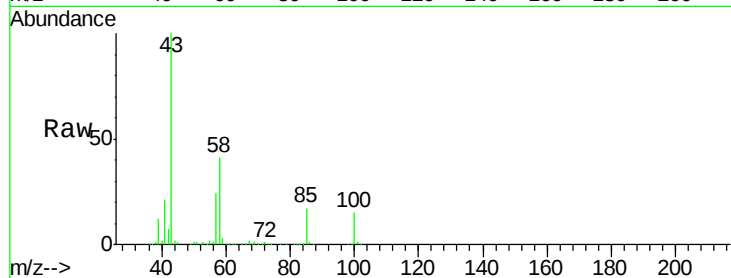




#51
 4-Methyl-2-Pentanone
 Concen: 239.04 ug/l
 RT: 10.08 min Scan# 1369
 Delta R.T. -0.00 min
 Lab File: VY001952.D
 Acq: 12 Mar 2020 10:11

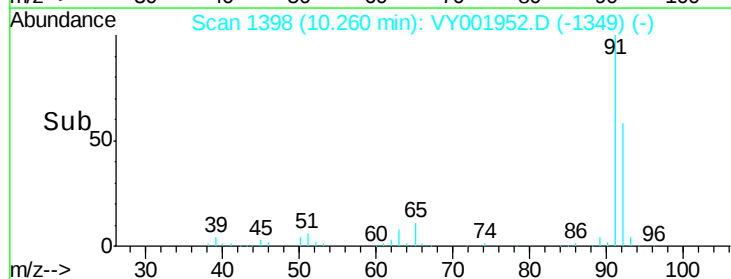
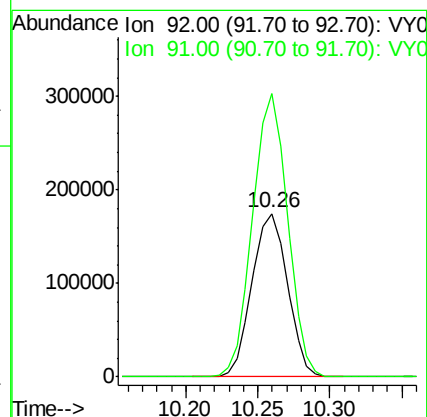
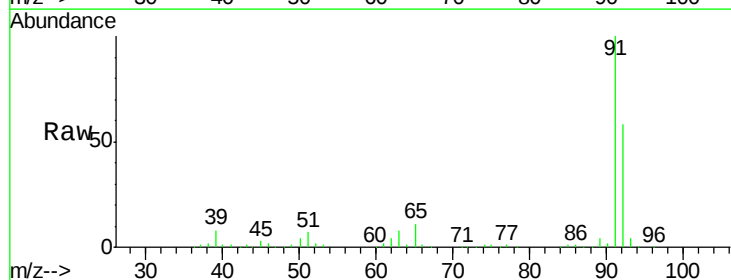
Instrument :
 MSVOA_Y
 ClientSampleId :
 BFB

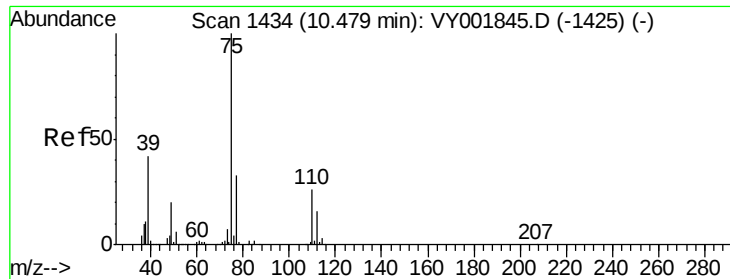
Tgt Ion: 43 Resp: 452013
 Ion Ratio Lower Upper
 43 100
 58 41.1 32.0 48.0



#52
 Toluene
 Concen: 49.76 ug/l
 RT: 10.26 min Scan# 1398
 Delta R.T. -0.00 min
 Lab File: VY001952.D
 Acq: 12 Mar 2020 10:11

Tgt Ion: 92 Resp: 298904
 Ion Ratio Lower Upper
 92 100
 91 170.4 138.6 208.0





#53

t-1,3-Dichloropropene

Concen: 52.30 ug/l

RT: 10.48 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VY001952.D

Acq: 12 Mar 2020 10:11

Instrument :

MSVOA_Y

ClientSampleId :

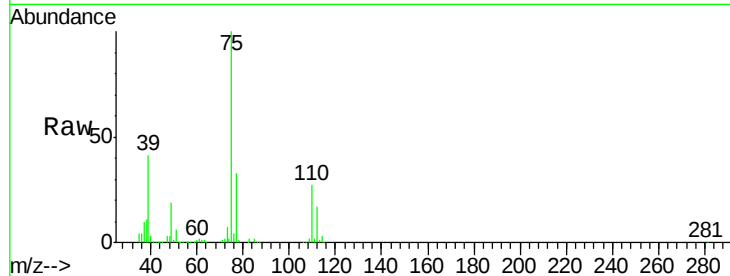
BFB

Tgt Ion: 75 Resp: 169813

Ion Ratio Lower Upper

75 100

77 32.6 26.3 39.5



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

10.48

100000

80000

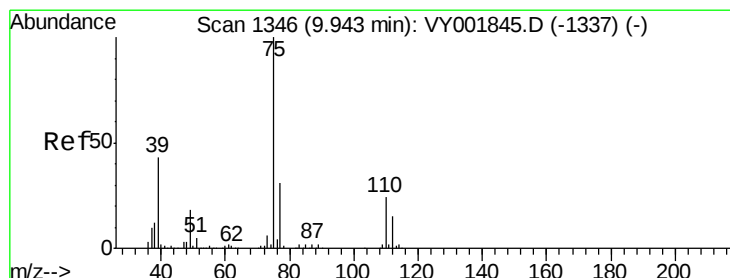
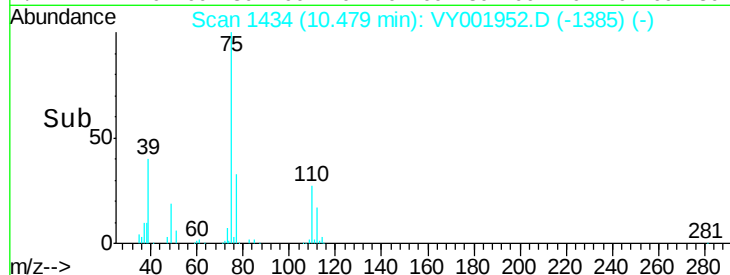
60000

40000

20000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 51.43 ug/l

RT: 9.94 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VY001952.D

Acq: 12 Mar 2020 10:11

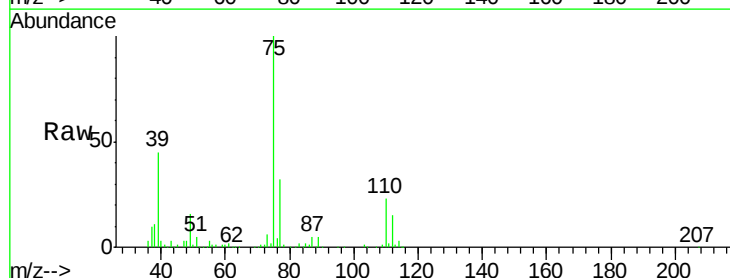
Tgt Ion: 75 Resp: 198779

Ion Ratio Lower Upper

75 100

77 32.1 25.1 37.7

39 44.8 34.7 52.1



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

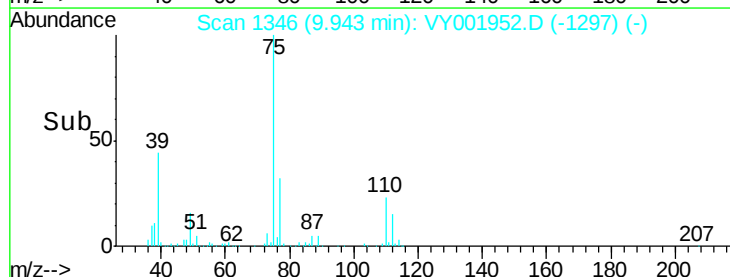
150000

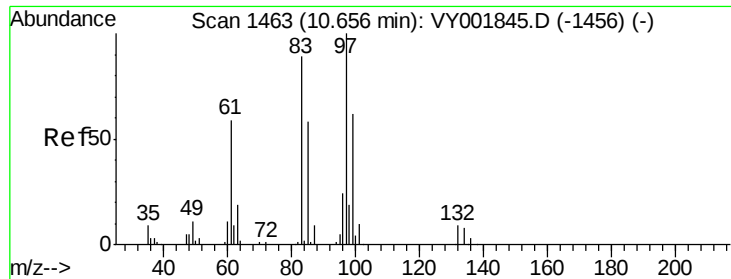
100000

50000

0

Time-->

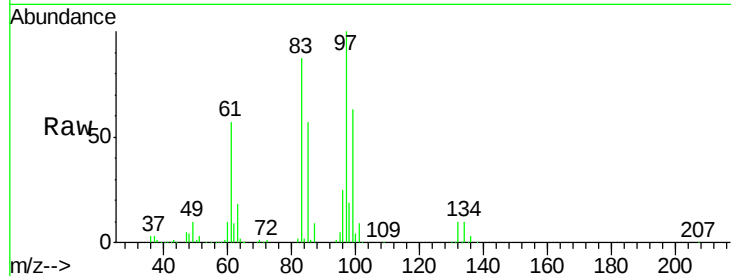




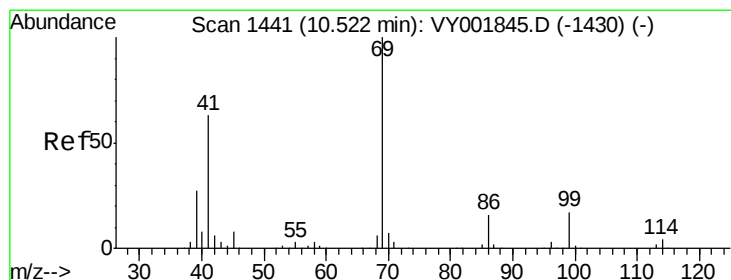
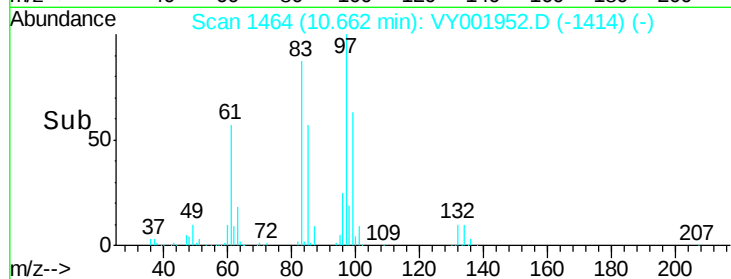
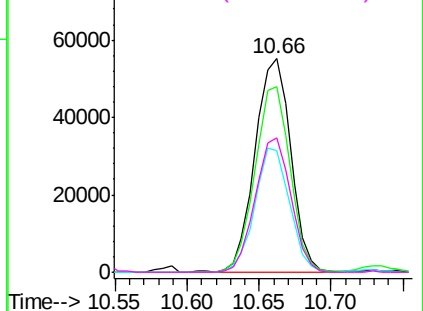
#55
 1,1,2-Trichloroethane
 Concen: 50.55 ug/l
 RT: 10.66 min Scan# 1464
 Delta R.T. 0.01 min
 Lab File: VY001952.D
 Acq: 12 Mar 2020 10:11

Instrument :
 MSVOA_Y
 ClientSampled :
 BFB

Tgt Ion: 97 Resp: 94779
 Ion Ratio Lower Upper
 97 100
 83 86.7 71.6 107.4
 85 56.6 46.6 69.8
 99 62.8 49.8 74.6

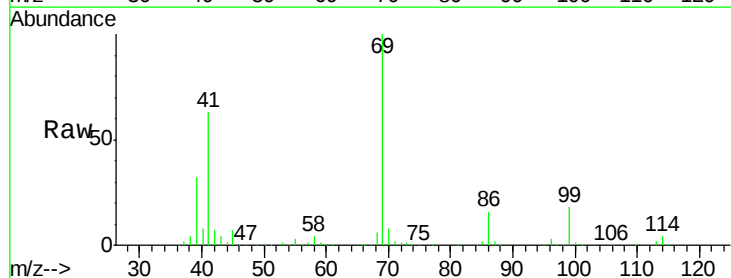


Abundance Ion 96.90 (96.60 to 97.60): VY0
 Ion 82.90 (82.60 to 83.60): VY0
 Ion 84.90 (84.60 to 85.60): VY0
 Ion 98.90 (98.60 to 99.60): VY0

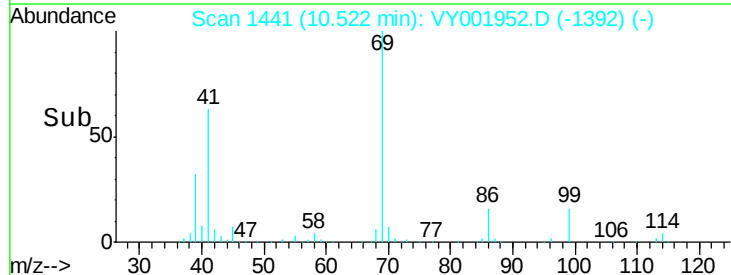
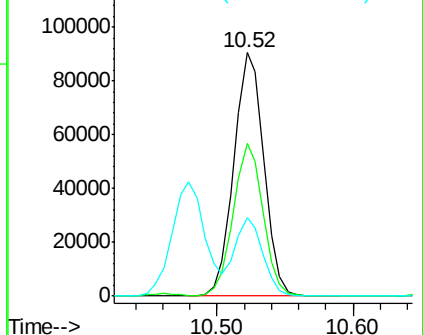


#56
 Ethyl methacrylate
 Concen: 50.55 ug/l
 RT: 10.52 min Scan# 1441
 Delta R.T. -0.00 min
 Lab File: VY001952.D
 Acq: 12 Mar 2020 10:11

Tgt Ion: 69 Resp: 138911
 Ion Ratio Lower Upper
 69 100
 41 62.0 49.9 74.9
 39 30.0 23.0 34.6



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

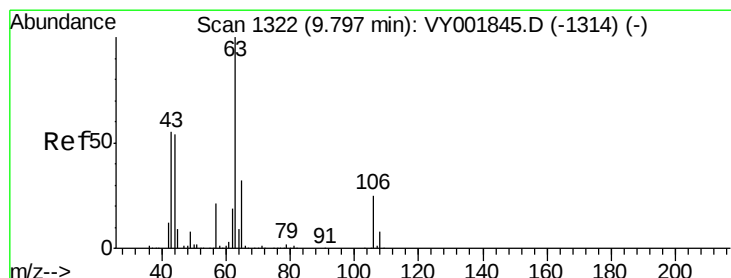
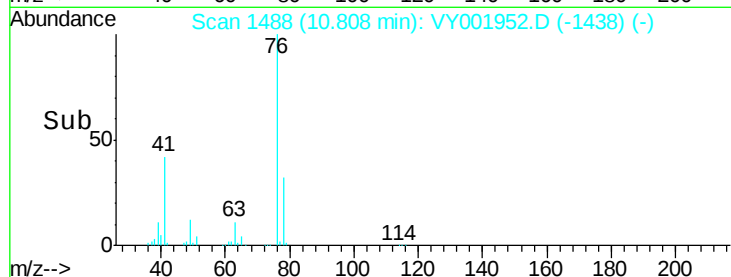
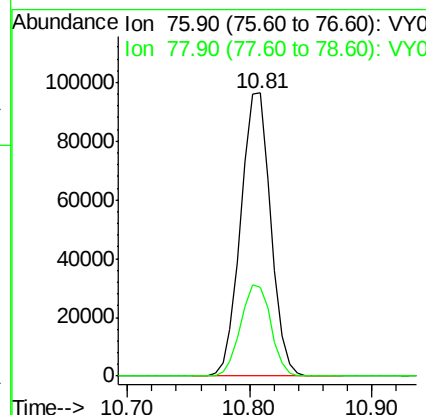
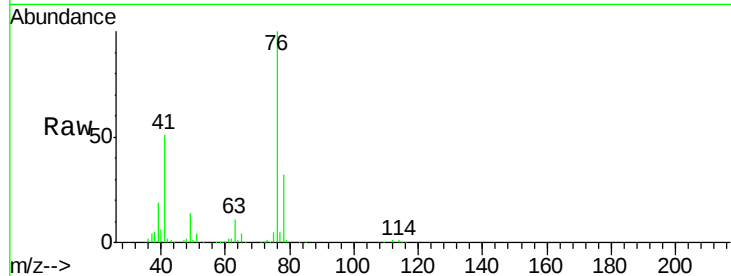




#57
 1,3-Dichloropropane
 Concen: 48.97 ug/l
 RT: 10.81 min Scan# 1488
 Delta R.T. 0.01 min
 Lab File: VY001952.D
 Acq: 12 Mar 2020 10:11

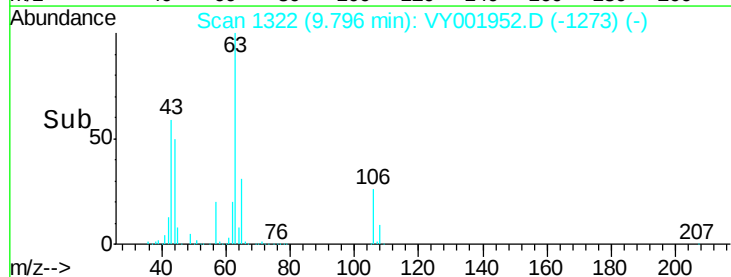
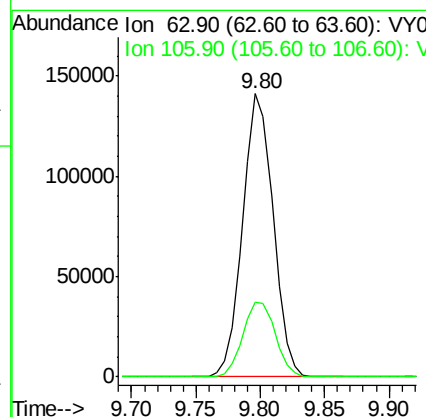
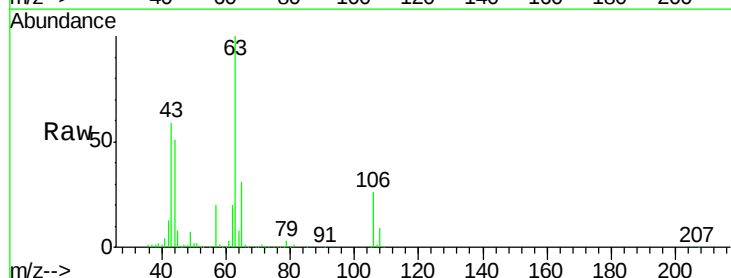
Instrument :
 MSVOA_Y
 ClientSampled :
 BFB

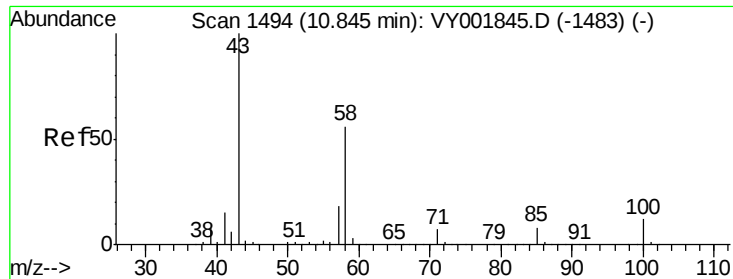
Tgt Ion: 76 Resp: 163638
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 239.69 ug/l
 RT: 9.80 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VY001952.D
 Acq: 12 Mar 2020 10:11

Tgt Ion: 63 Resp: 231530
 Ion Ratio Lower Upper
 63 100
 106 28.1 21.3 31.9

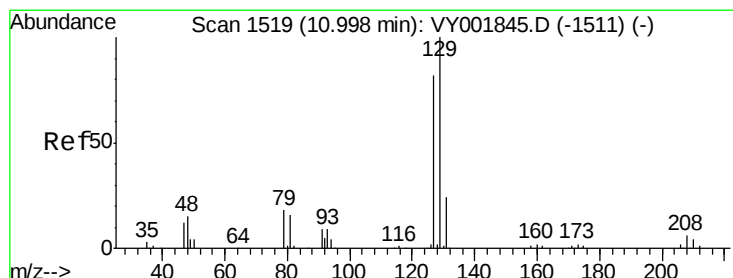
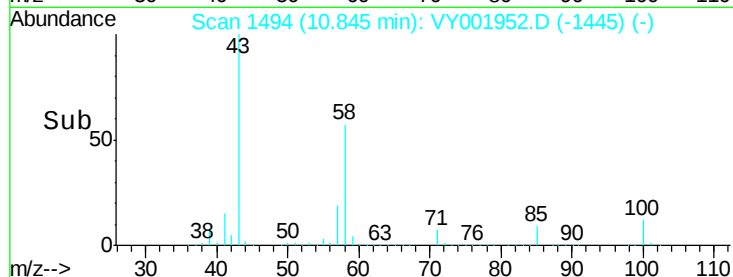
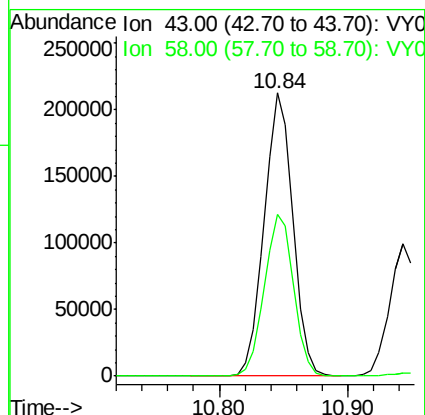
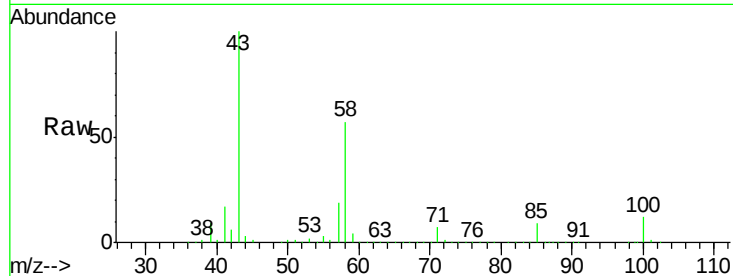




#59
2-Hexanone
Concen: 243.54 ug/l
RT: 10.84 min Scan# 1494
Delta R.T. -0.00 min
Lab File: VY001952.D
Acq: 12 Mar 2020 10:11

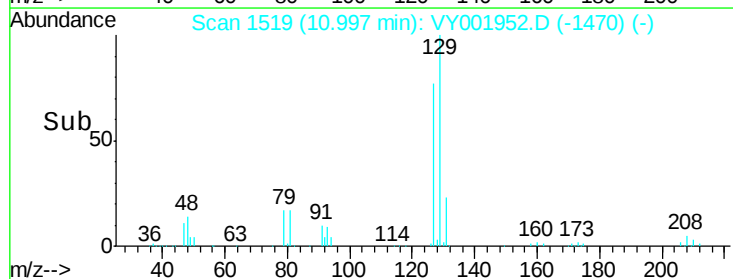
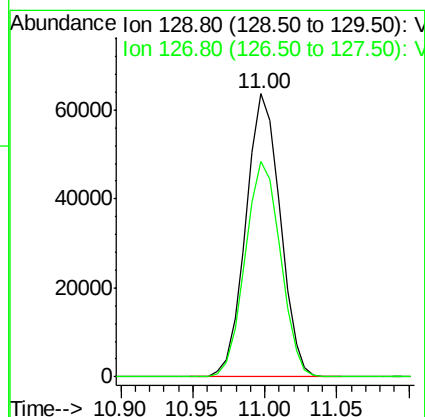
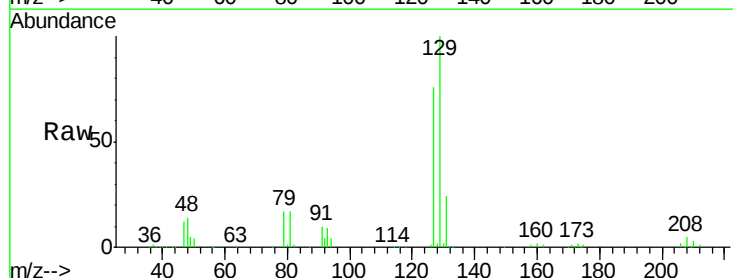
Instrument :
MSVOA_Y
ClientSampleId :
BFB

Tgt Ion: 43 Resp: 328706
Ion Ratio Lower Upper
43 100
58 58.3 28.1 84.3



#60
Dibromochloromethane
Concen: 53.11 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. -0.00 min
Lab File: VY001952.D
Acq: 12 Mar 2020 10:11

Tgt Ion: 129 Resp: 104913
Ion Ratio Lower Upper
129 100
127 78.0 39.0 117.0

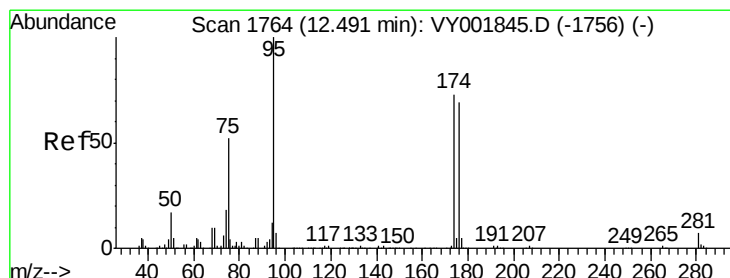
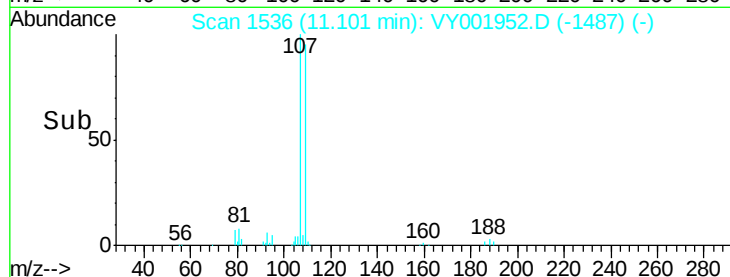
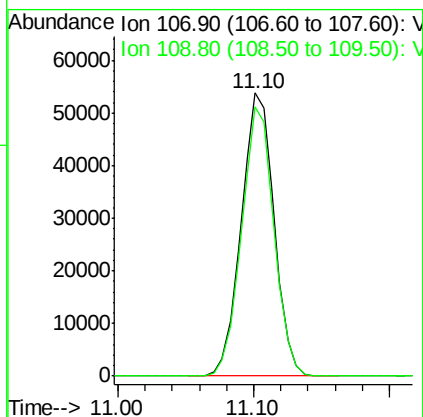
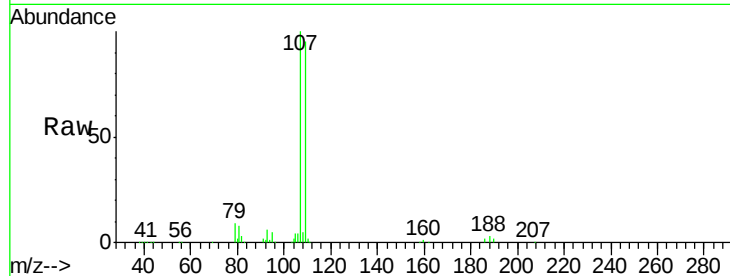




#61
 1,2-Dibromoethane
 Concen: 51.05 ug/l
 RT: 11.10 min Scan# 1536
 Delta R.T. -0.00 min
 Lab File: VY001952.D
 Acq: 12 Mar 2020 10:11

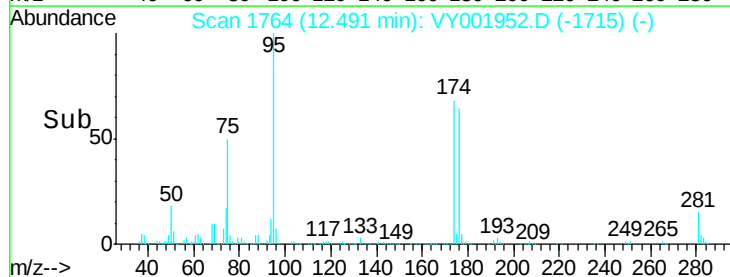
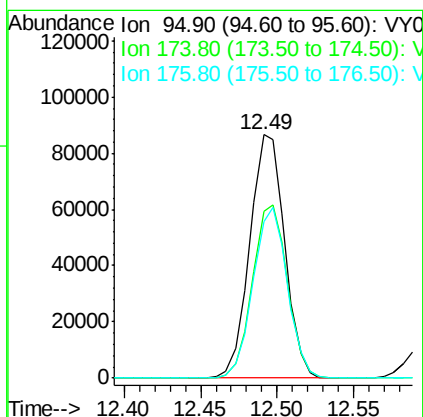
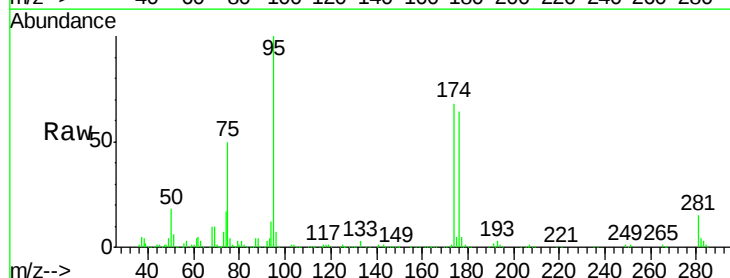
Instrument :
 MSVOA_Y
 ClientSampleId :
 BFB

Tgt Ion: 107 Resp: 90652
 Ion Ratio Lower Upper
 107 100
 109 93.8 75.4 113.0



#62
 4-Bromofluorobenzene
 Concen: 49.50 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. -0.00 min
 Lab File: VY001952.D
 Acq: 12 Mar 2020 10:11

Tgt Ion: 95 Resp: 137404
 Ion Ratio Lower Upper
 95 100
 174 71.2 0.0 145.0
 176 68.7 0.0 137.4

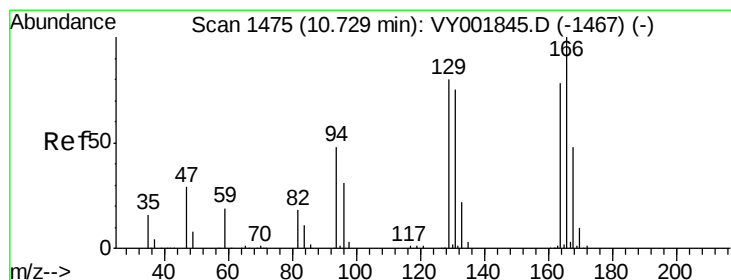
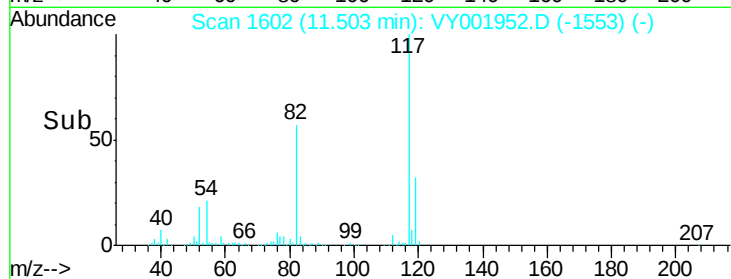
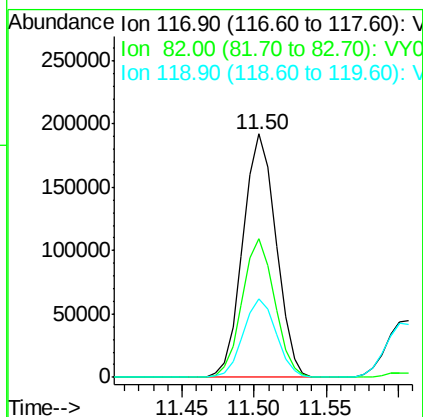
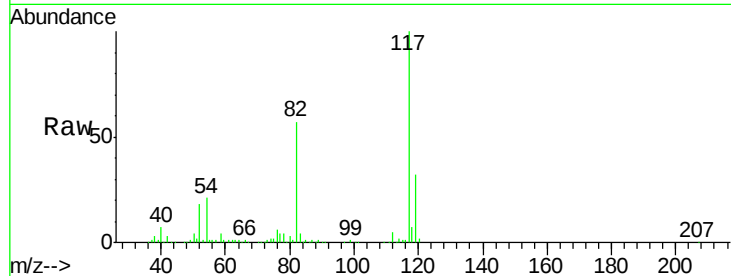




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. -0.00 min
Lab File: VY001952.D
Acq: 12 Mar 2020 10:11

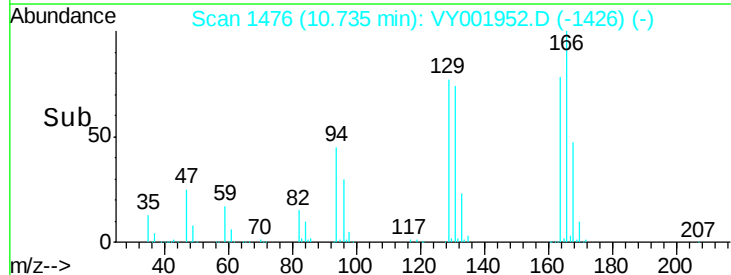
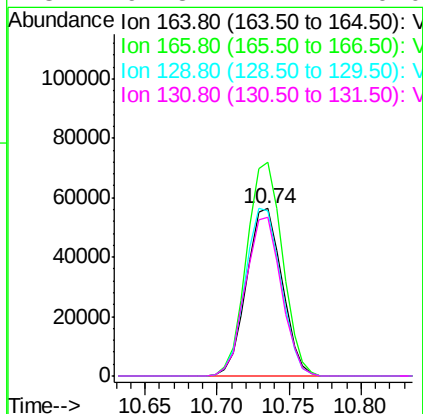
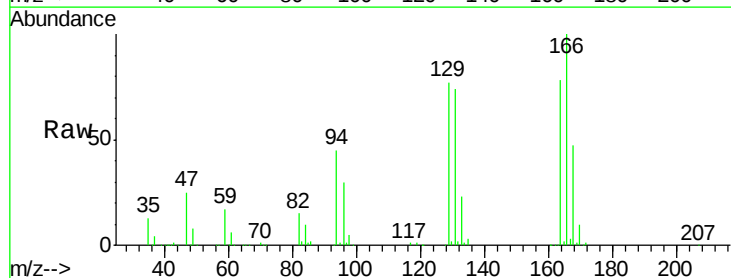
Instrument :
MSVOA_Y
ClientSampled :
BFB

Tgt Ion:117 Resp: 306651
Ion Ratio Lower Upper
117 100
82 57.1 44.5 66.7
119 32.2 25.7 38.5



#64
Tetrachloroethene
Concen: 50.21 ug/l
RT: 10.74 min Scan# 1476
Delta R.T. 0.01 min
Lab File: VY001952.D
Acq: 12 Mar 2020 10:11

Tgt Ion:164 Resp: 96555
Ion Ratio Lower Upper
164 100
166 127.7 102.6 154.0
129 98.6 82.3 123.5
131 94.8 77.4 116.0

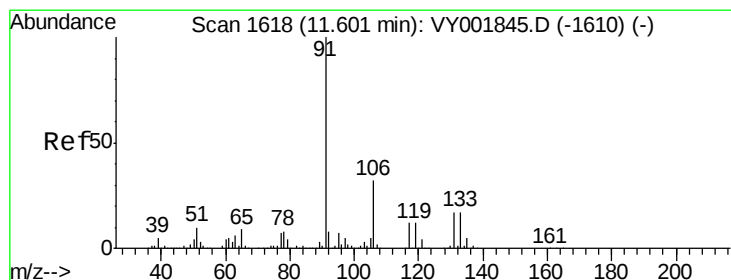
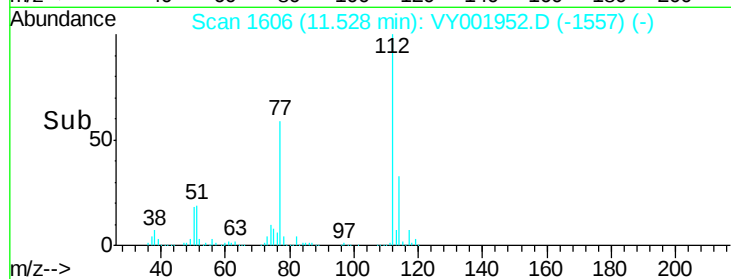
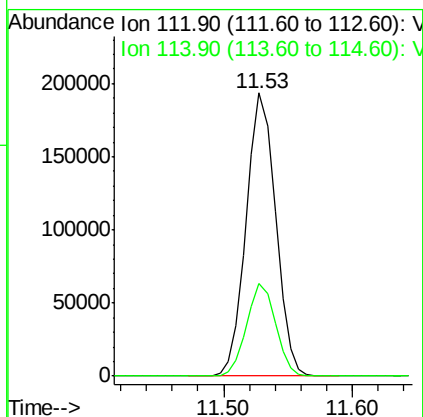
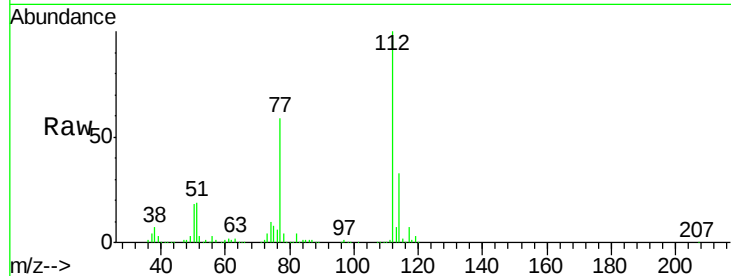




#65
Chlorobenzene
Concen: 50.11 ug/l
RT: 11.53 min Scan# 1606
Delta R.T. -0.00 min
Lab File: VY001952.D
Acq: 12 Mar 2020 10:11

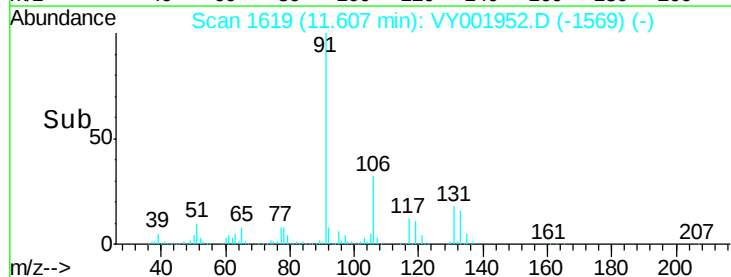
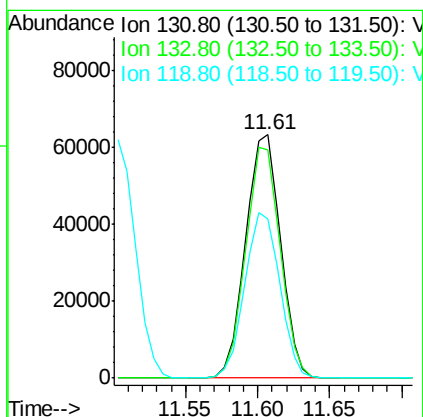
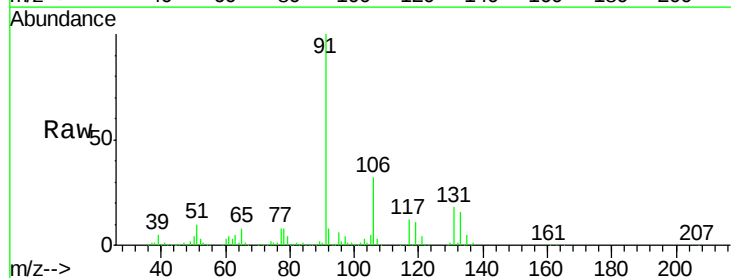
Instrument :
MSVOA_Y
ClientSampleId :
BFB

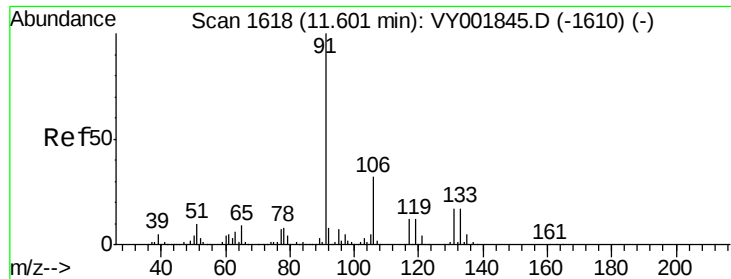
Tgt Ion:112 Resp: 306171
Ion Ratio Lower Upper
112 100
114 32.7 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 53.03 ug/l
RT: 11.61 min Scan# 1619
Delta R.T. 0.01 min
Lab File: VY001952.D
Acq: 12 Mar 2020 10:11

Tgt Ion:131 Resp: 106248
Ion Ratio Lower Upper
131 100
133 94.1 47.1 141.3
119 68.2 34.5 103.6

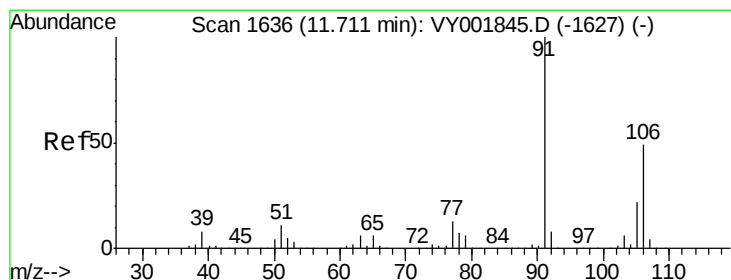
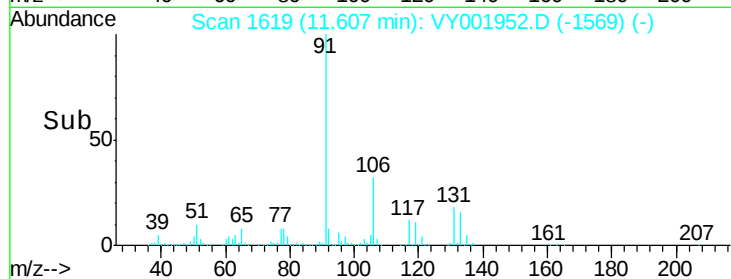
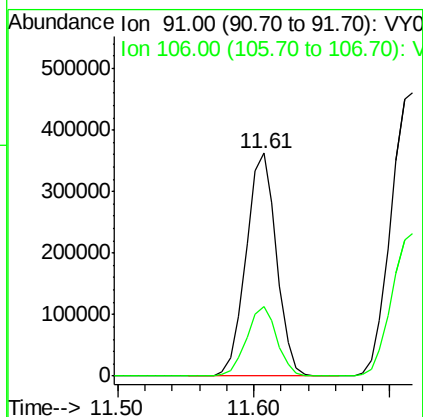
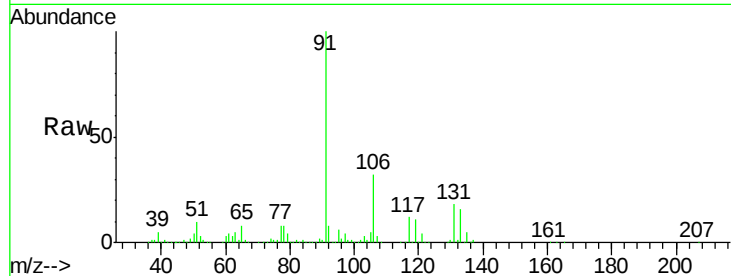




#67
Ethyl Benzene
Concen: 49.56 ug/l
RT: 11.61 min Scan# 1619
Delta R.T. 0.01 min
Lab File: VY001952.D
Acq: 12 Mar 2020 10:11

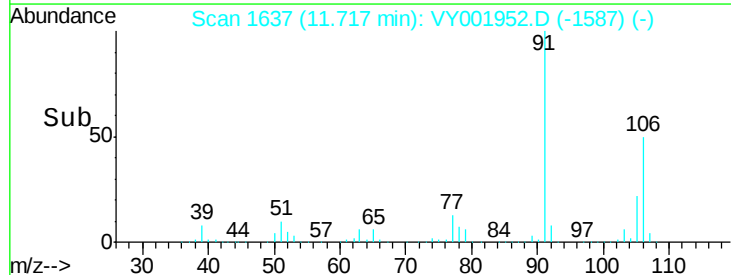
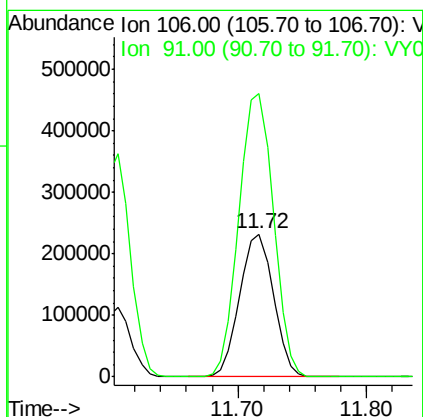
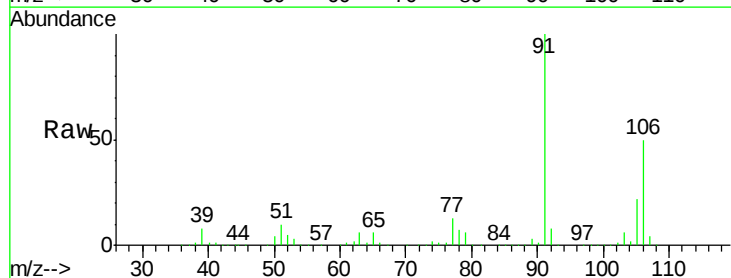
Instrument :
MSVOA_Y
ClientSampled :
BFB

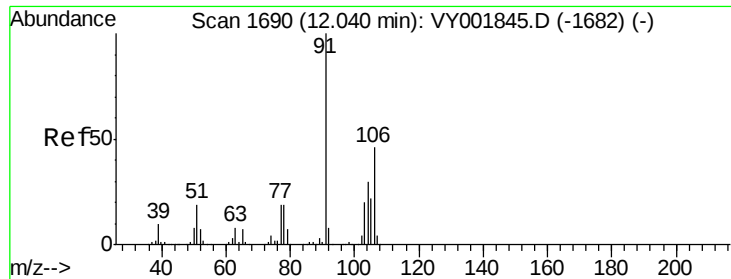
Tgt Ion: 91 Resp: 564721
Ion Ratio Lower Upper
91 100
106 31.5 25.4 38.2



#68
m/p-Xylenes
Concen: 100.27 ug/l
RT: 11.72 min Scan# 1637
Delta R.T. 0.01 min
Lab File: VY001952.D
Acq: 12 Mar 2020 10:11

Tgt Ion: 106 Resp: 422433
Ion Ratio Lower Upper
106 100
91 202.9 161.3 241.9

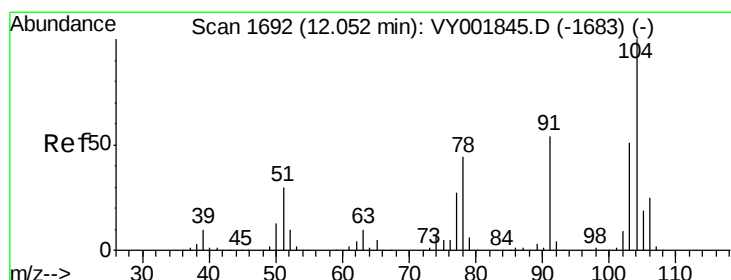
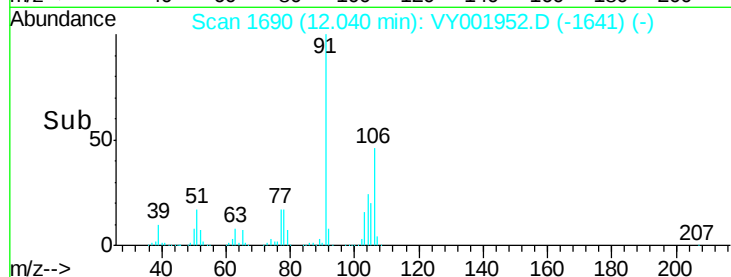
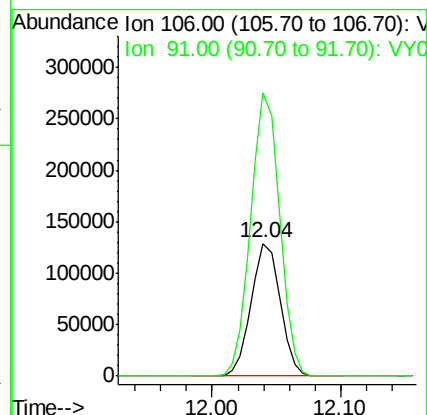
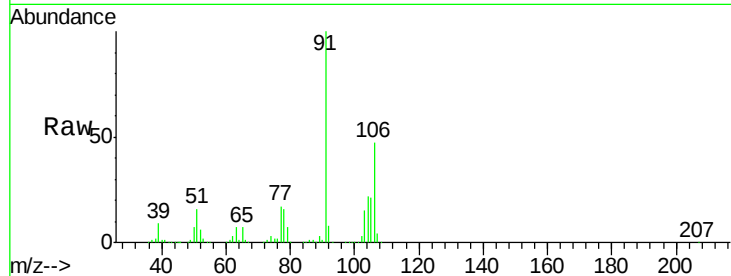




#69
o-Xylene
Concen: 50.35 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY001952.D
Acq: 12 Mar 2020 10:11

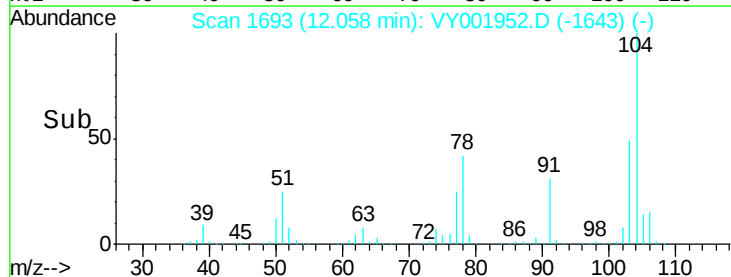
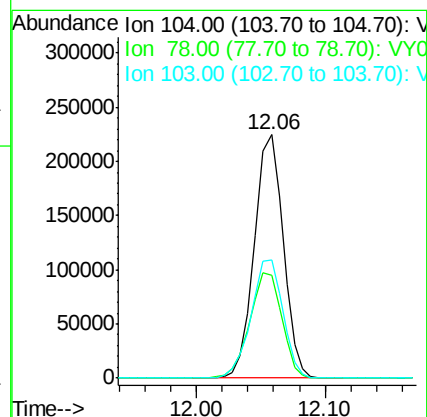
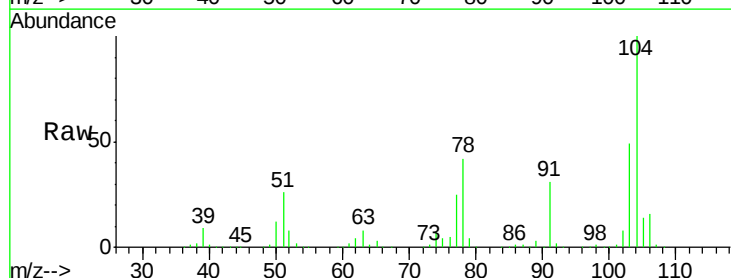
Instrument :
MSVOA_Y
ClientSampled :
BFB

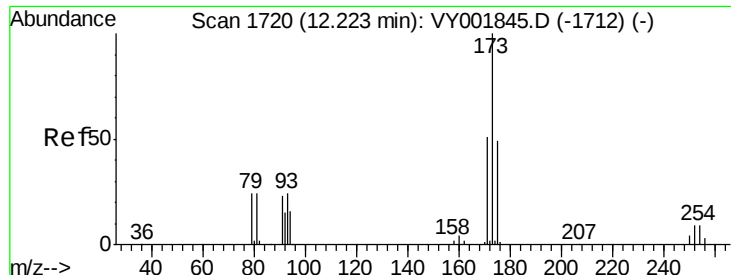
Tgt Ion:106 Resp: 199925
Ion Ratio Lower Upper
106 100
91 213.6 106.8 320.4



#70
Styrene
Concen: 51.06 ug/l
RT: 12.06 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VY001952.D
Acq: 12 Mar 2020 10:11

Tgt Ion:104 Resp: 347277
Ion Ratio Lower Upper
104 100
78 48.3 38.5 57.7
103 53.6 42.9 64.3





#71

Bromoform

Concen: 55.01 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. -0.01 min

Lab File: VY001952.D

Acq: 12 Mar 2020 10:11

Instrument :

MSVOA_Y

ClientSampleId :

BFB

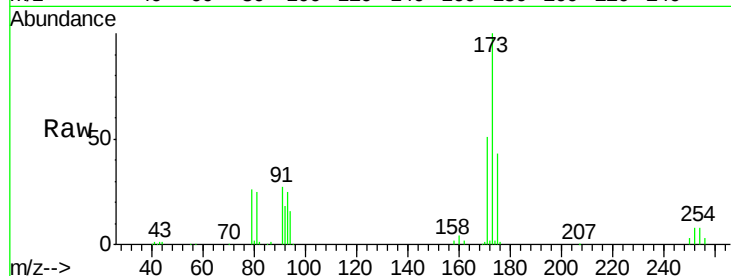
Tgt Ion:173 Resp: 59778

Ion Ratio Lower Upper

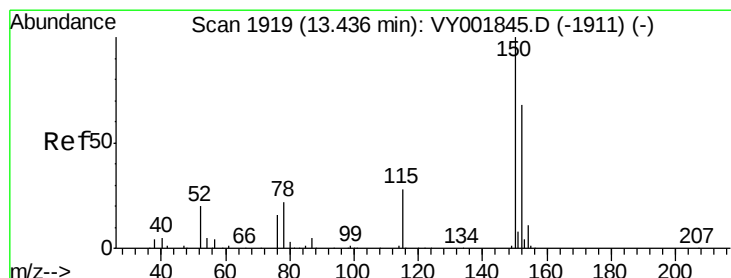
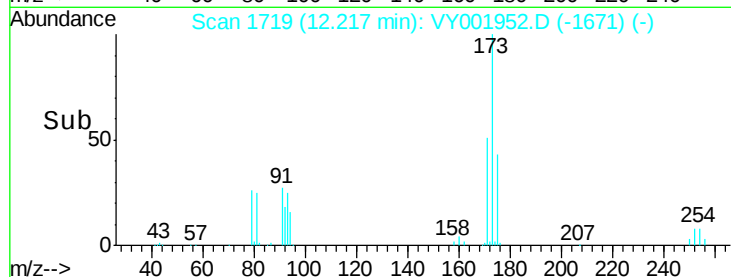
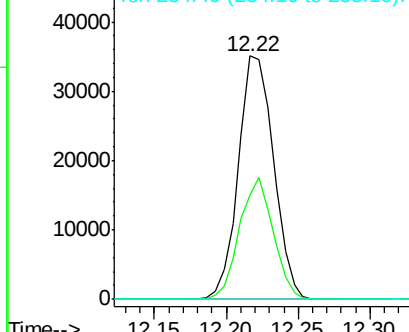
173 100

175 47.8 24.3 72.8

254 0.1 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: 50.00 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. -0.00 min

Lab File: VY001952.D

Acq: 12 Mar 2020 10:11

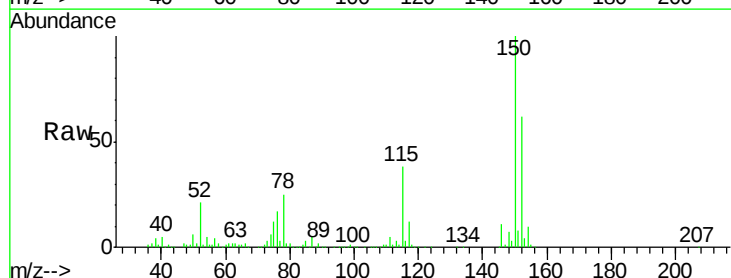
Tgt Ion:152 Resp: 136272

Ion Ratio Lower Upper

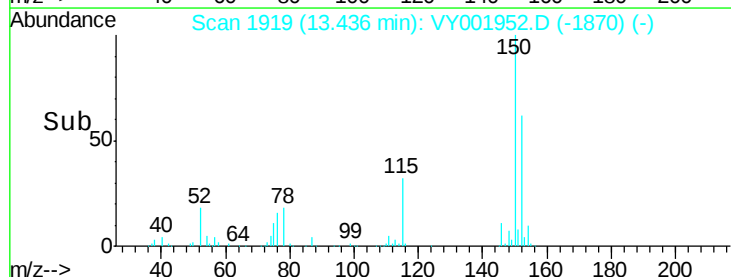
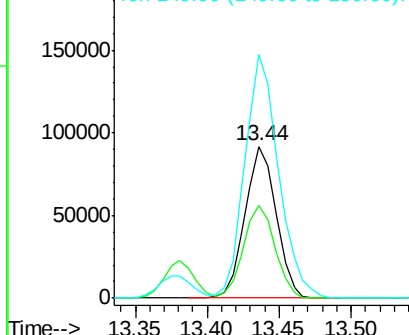
152 100

115 62.1 29.9 89.7

150 175.0 0.0 340.6



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





#73

Isopropylbenzene

Concen: 51.07 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. -0.00 min

Lab File: VY001952.D

Acq: 12 Mar 2020 10:11

Instrument :

MSVOA_Y

ClientSampleId :

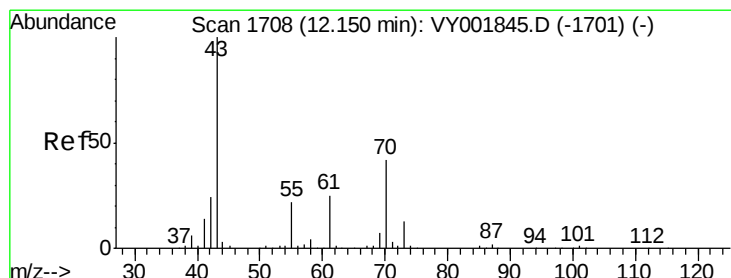
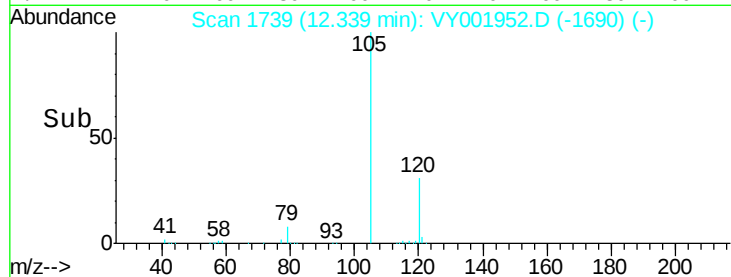
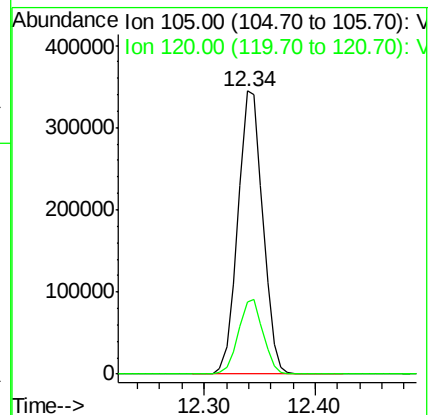
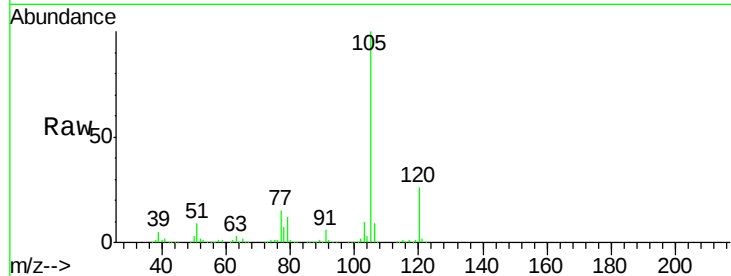
BFB

Tgt Ion:105 Resp: 531219

Ion Ratio Lower Upper

105 100

120 26.2 13.1 39.3



#74

N-ethyl acetate

Concen: 48.68 ug/l

RT: 12.16 min Scan# 1709

Delta R.T. 0.01 min

Lab File: VY001952.D

Acq: 12 Mar 2020 10:11

Tgt Ion: 43 Resp: 155626

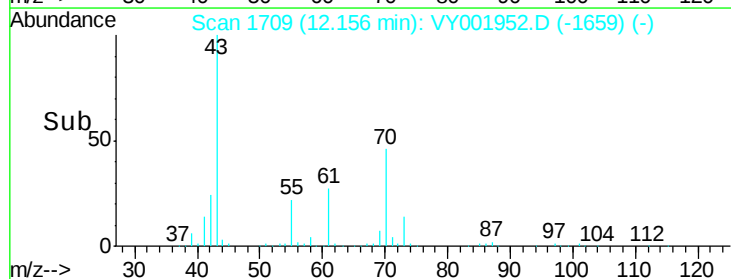
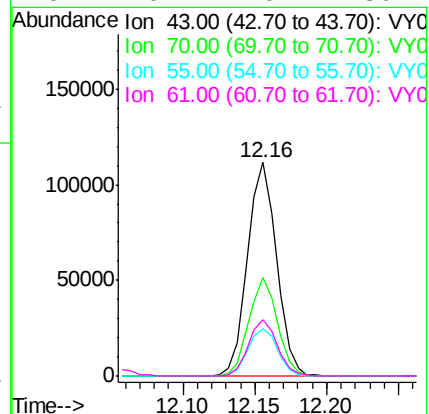
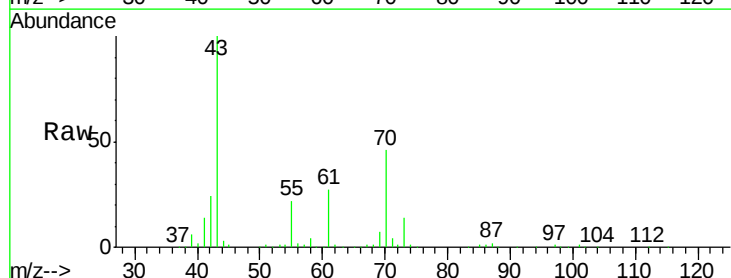
Ion Ratio Lower Upper

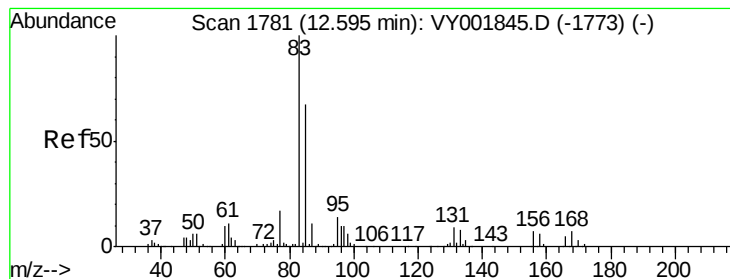
43 100

70 45.3 34.7 52.1

55 22.8 18.2 27.4

61 26.1 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 50.49 ug/l

RT: 12.59 min Scan# 1781

Delta R.T. -0.00 min

Lab File: VY001952.D

Acq: 12 Mar 2020 10:11

Instrument :

MSVOA_Y

ClientSampleId :

BFB

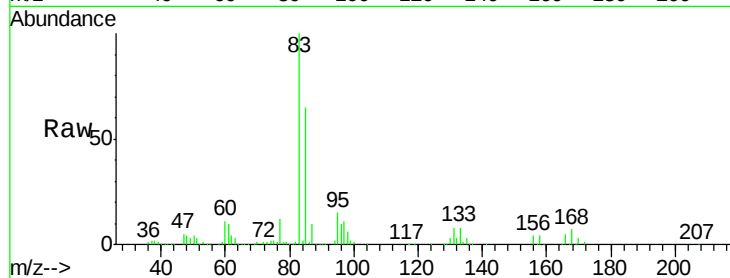
Tgt Ion: 83 Resp: 113262

Ion Ratio Lower Upper

83 100

131 9.8 4.6 13.8

85 64.1 32.1 96.3

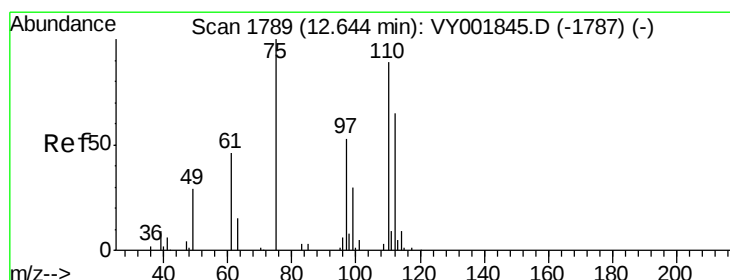
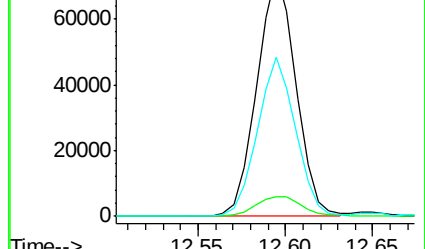
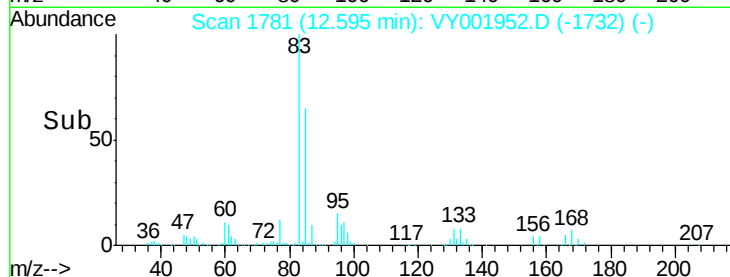


Abundance Ion 82.90 (82.60 to 83.60): VY001952.D (-1732) (-)

Ion 130.80 (130.50 to 131.50): VY001952.D (-1732) (-)

Ion 84.90 (84.60 to 85.60): VY001952.D (-1732) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 90.56 ug/l

RT: 12.64 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VY001952.D

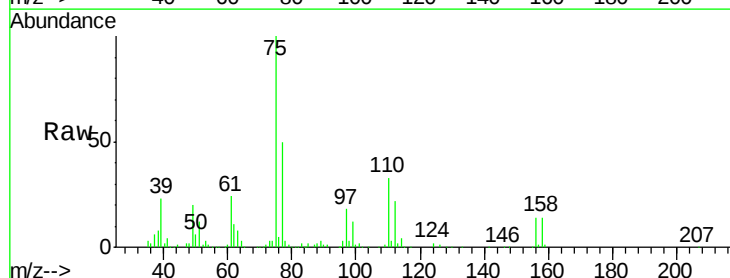
Acq: 12 Mar 2020 10:11

Tgt Ion: 75 Resp: 146428

Ion Ratio Lower Upper

75 100

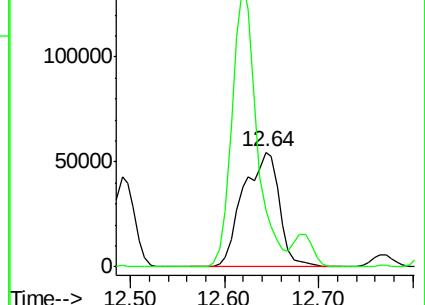
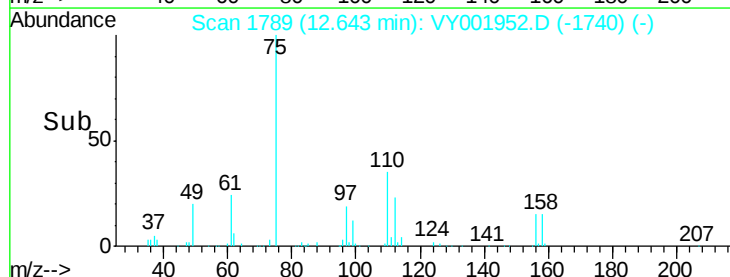
77 0.0 0.0 0.0

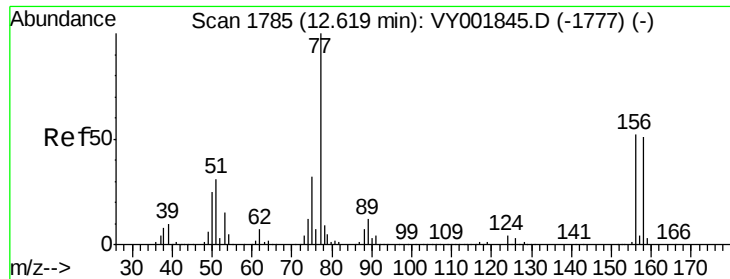


Abundance Ion 74.90 (74.60 to 75.60): VY001952.D (-1740) (-)

Ion 77.00 (76.70 to 77.70): VY001952.D (-1740) (-)

Time-->





#77

Bromobenzene

Concen: 52.14 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VY001952.D

Acq: 12 Mar 2020 10:11

Instrument :

MSVOA_Y

ClientSampled :

BFB

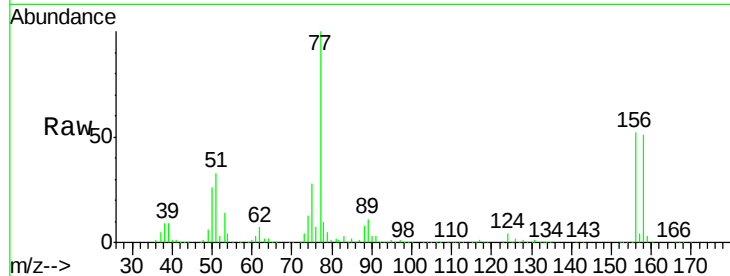
Tgt Ion:156 Resp: 114909

Ion Ratio Lower Upper

156 100

77 212.3 109.0 327.0

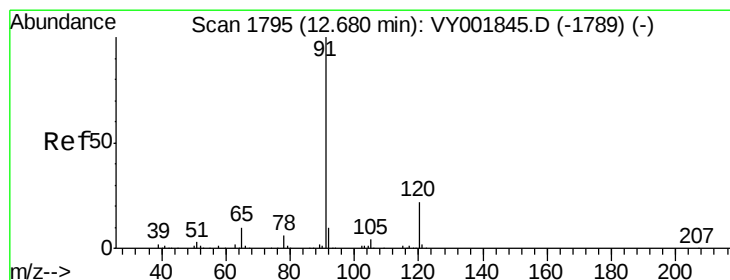
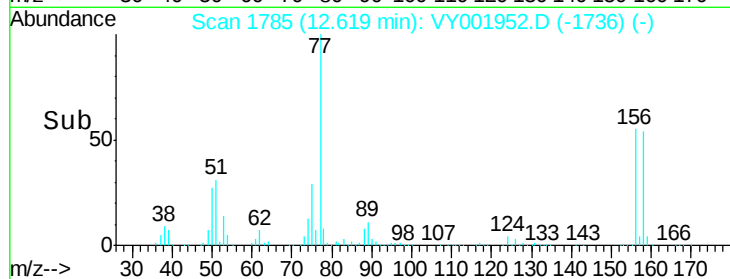
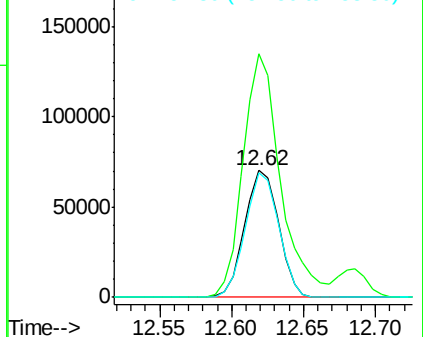
158 96.9 48.9 146.8



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: 50.24 ug/l

RT: 12.69 min Scan# 1796

Delta R.T. 0.01 min

Lab File: VY001952.D

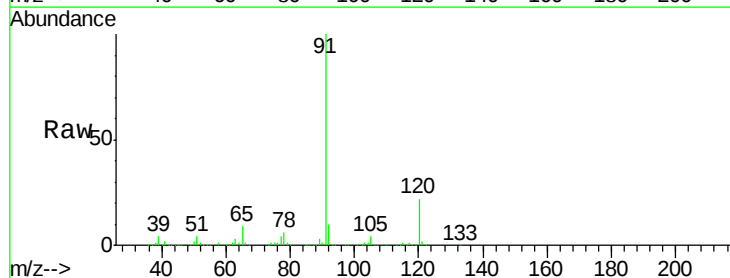
Acq: 12 Mar 2020 10:11

Tgt Ion: 91 Resp: 644775

Ion Ratio Lower Upper

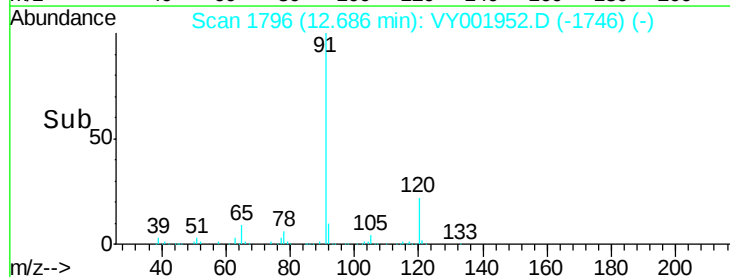
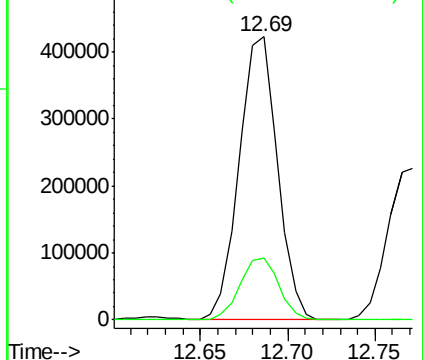
91 100

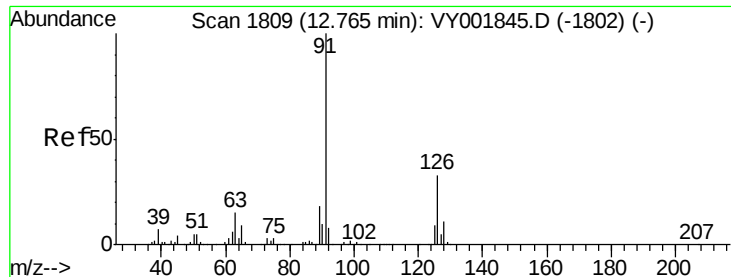
120 22.2 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

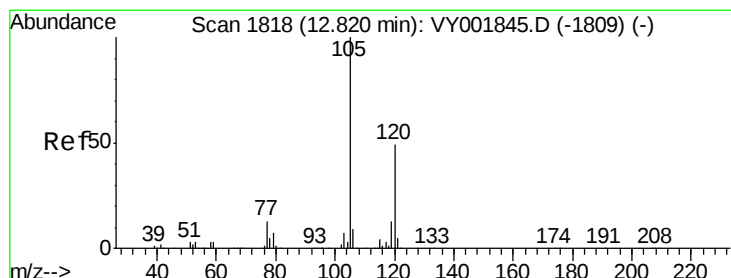
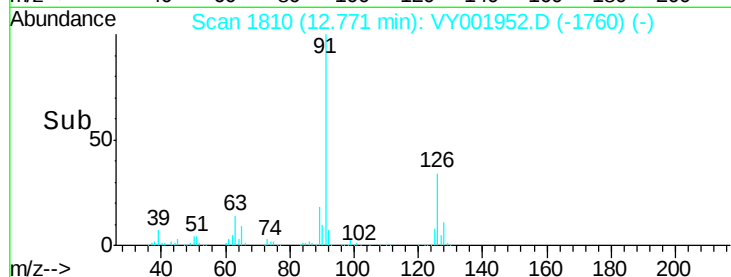
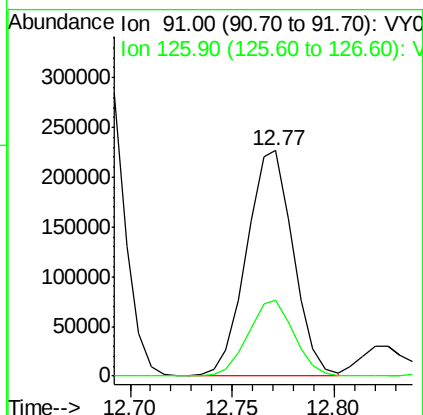
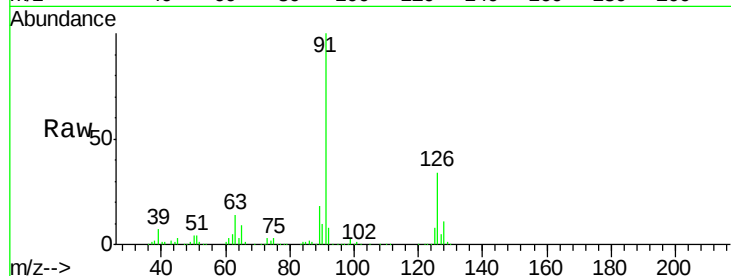




#79
2-Chlorotoluene
Concen: 50.89 ug/l
RT: 12.77 min Scan# 1810
Delta R.T. 0.01 min
Lab File: VY001952.D
Acq: 12 Mar 2020 10:11

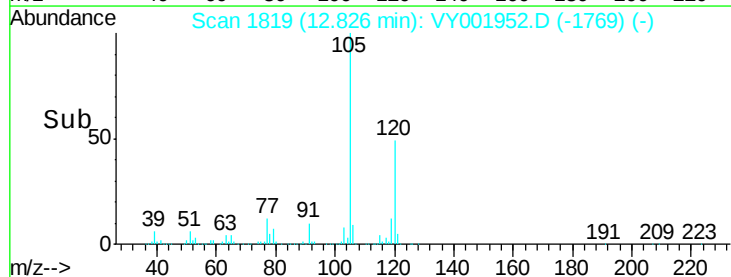
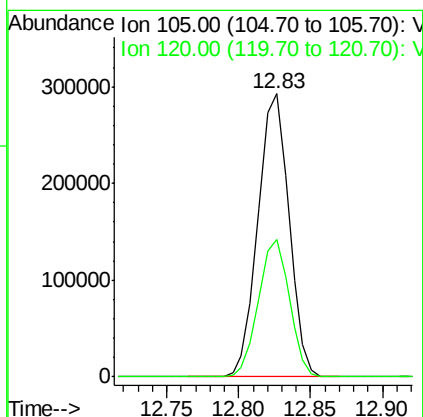
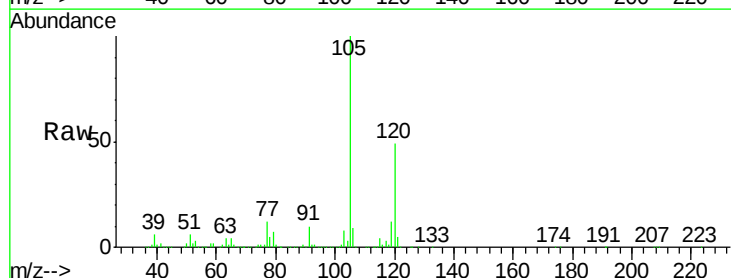
Instrument :
MSVOA_Y
ClientSampleId :
BFB

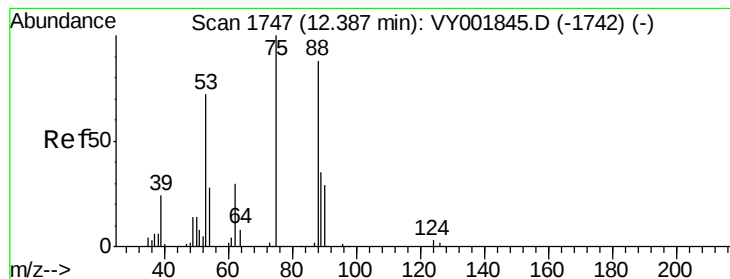
Tgt Ion: 91 Resp: 360856
Ion Ratio Lower Upper
91 100
126 33.1 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 50.97 ug/l
RT: 12.83 min Scan# 1819
Delta R.T. 0.01 min
Lab File: VY001952.D
Acq: 12 Mar 2020 10:11

Tgt Ion: 105 Resp: 436509
Ion Ratio Lower Upper
105 100
120 48.3 24.4 73.2





#81

trans-1,4-Dichloro-2-butene

Concen: 52.86 ug/l

RT: 12.39 min Scan# 1748

Delta R.T. 0.01 min

Lab File: VY001952.D

Acq: 12 Mar 2020 10:11

Instrument :

MSVOA_Y

ClientSampleId :

BFB

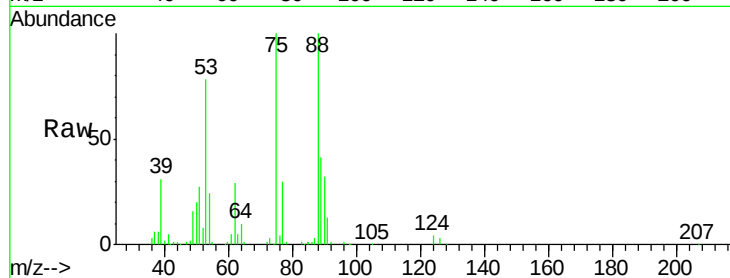
Tgt Ion: 75 Resp: 42316

Ion Ratio Lower Upper

75 100

53 79.7 65.4 98.0

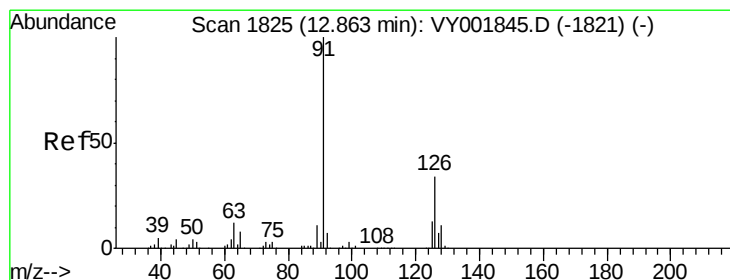
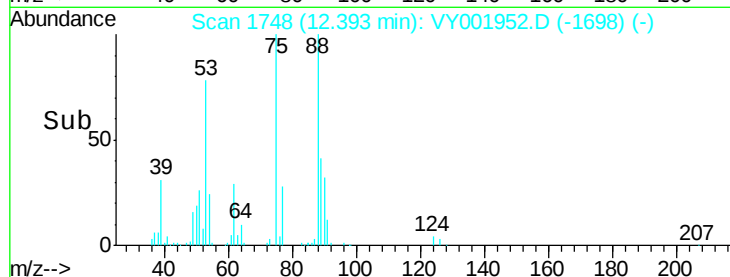
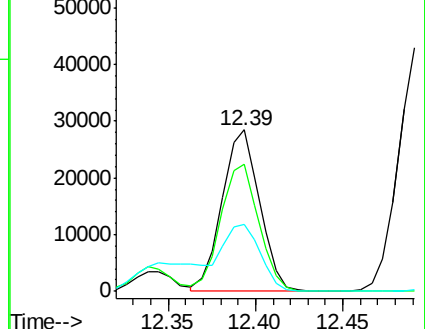
89 44.6 36.0 54.0



Abundance Ion 74.90 (74.60 to 75.60): VY001952.D (-1698) (-)

Ion 53.00 (52.70 to 53.70): VY001952.D (-1698) (-)

Ion 88.90 (88.60 to 89.60): VY001952.D (-1698) (-)



#82

4-Chlorotoluene

Concen: 50.80 ug/l

RT: 12.87 min Scan# 1826

Delta R.T. 0.01 min

Lab File: VY001952.D

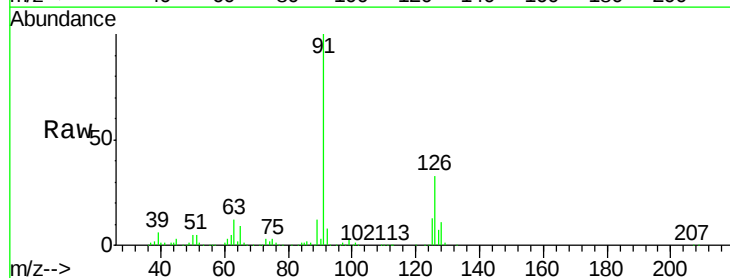
Acq: 12 Mar 2020 10:11

Tgt Ion: 91 Resp: 375027

Ion Ratio Lower Upper

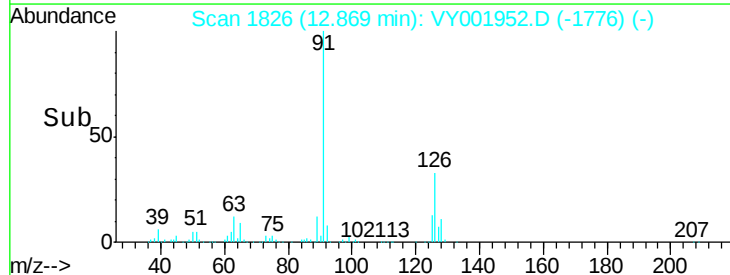
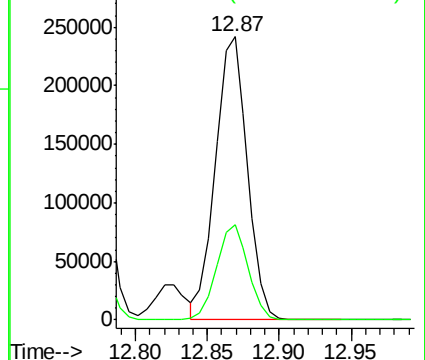
91 100

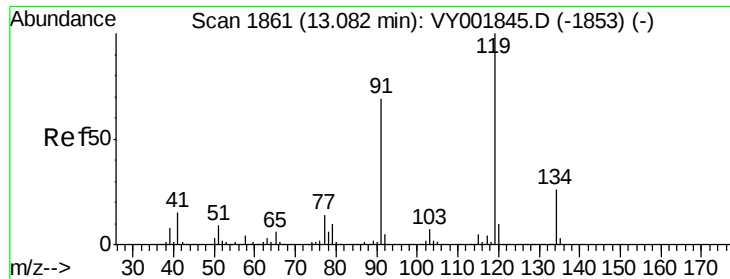
126 33.3 16.4 49.2



Abundance Ion 91.00 (90.70 to 91.70): VY001952.D (-1776) (-)

Ion 125.90 (125.60 to 126.60): VY001952.D (-1776) (-)

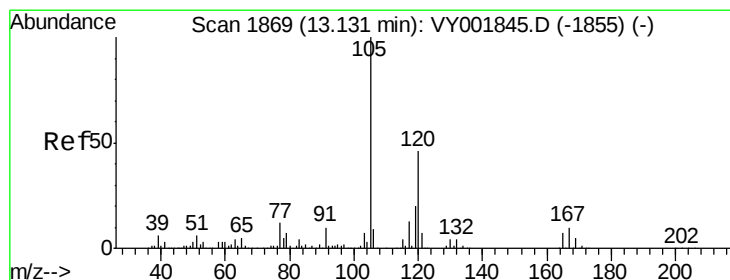
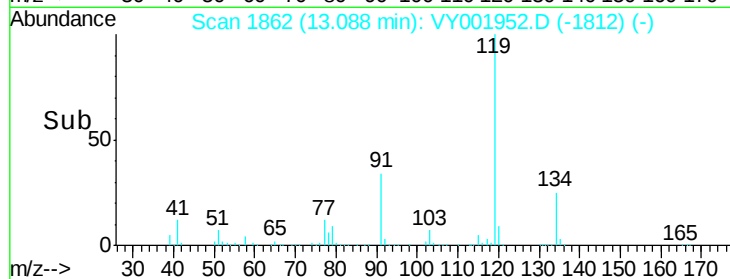
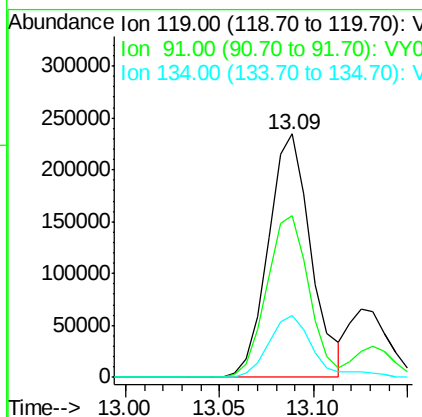
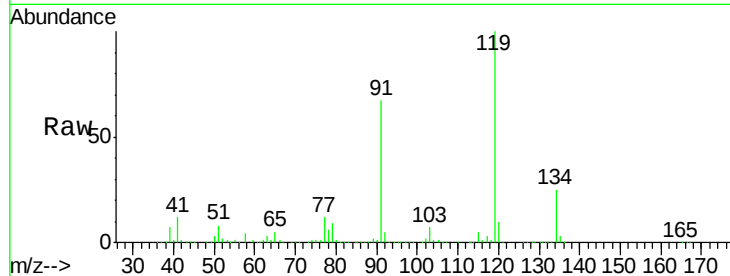




#83
 tert-Butylbenzene
 Concen: 51.84 ug/l
 RT: 13.09 min Scan# 1862
 Delta R.T. 0.01 min
 Lab File: VY001952.D
 Acq: 12 Mar 2020 10:11

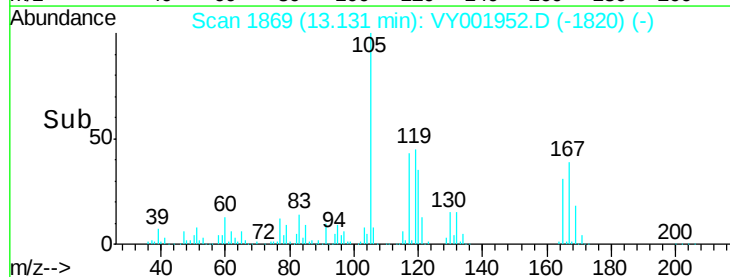
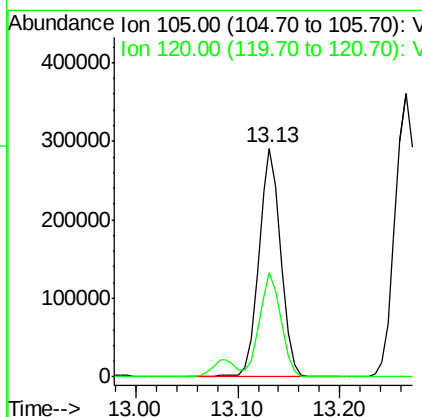
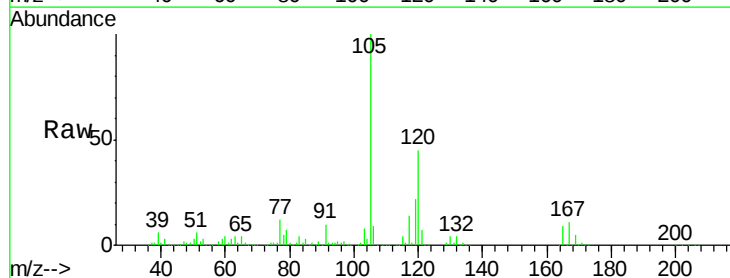
Instrument :
 MSVOA_Y
 ClientSampleId :
 BFB

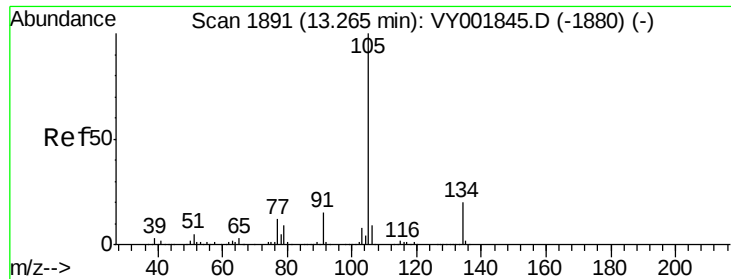
Tgt Ion:119 Resp: 368769
 Ion Ratio Lower Upper
 119 100
 91 65.9 34.0 101.8
 134 26.3 13.5 40.4



#84
 1,2,4-Trimethylbenzene
 Concen: 51.01 ug/l
 RT: 13.13 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VY001952.D
 Acq: 12 Mar 2020 10:11

Tgt Ion:105 Resp: 433537
 Ion Ratio Lower Upper
 105 100
 120 44.4 22.6 67.7





#85

sec-Butylbenzene

Concen: 50.53 ug/l

RT: 13.27 min Scan# 1891

Delta R.T. -0.00 min

Lab File: VY001952.D

Acq: 12 Mar 2020 10:11

Instrument :

MSVOA_Y

ClientSampleId :

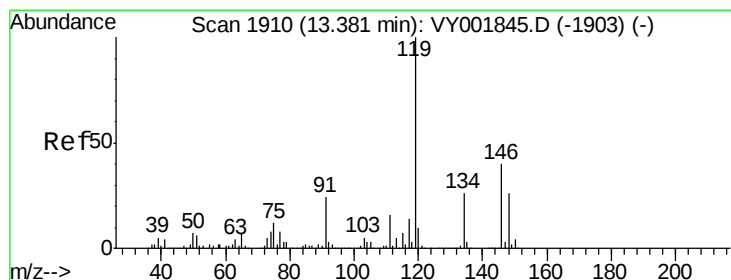
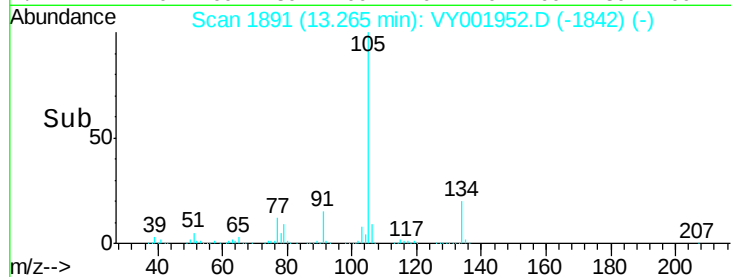
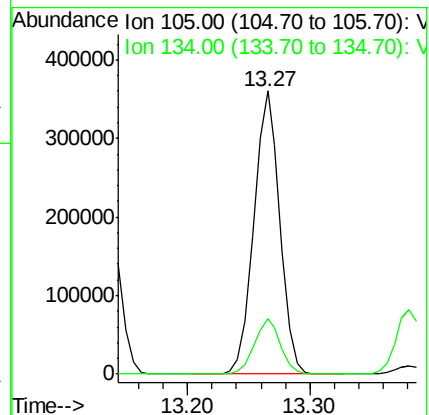
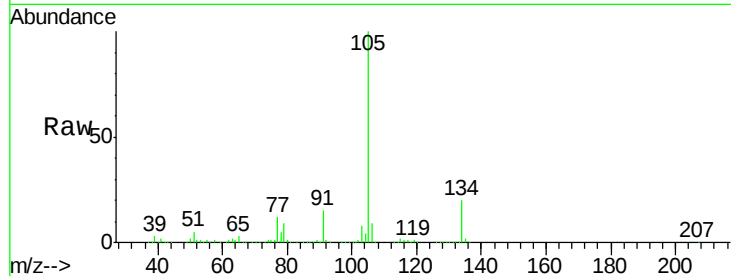
BFB

Tgt Ion:105 Resp: 529740

Ion Ratio Lower Upper

105 100

134 19.7 9.7 29.1



#86

p-Isopropyltoluene

Concen: 50.62 ug/l

RT: 13.38 min Scan# 1910

Delta R.T. -0.00 min

Lab File: VY001952.D

Acq: 12 Mar 2020 10:11

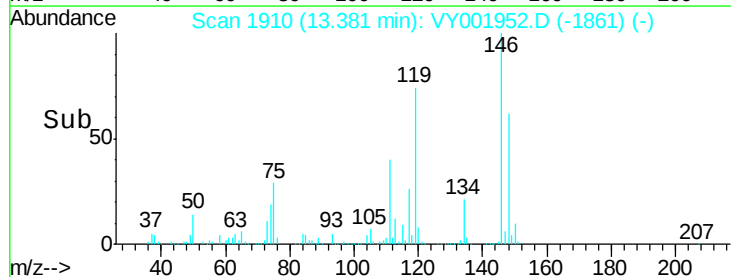
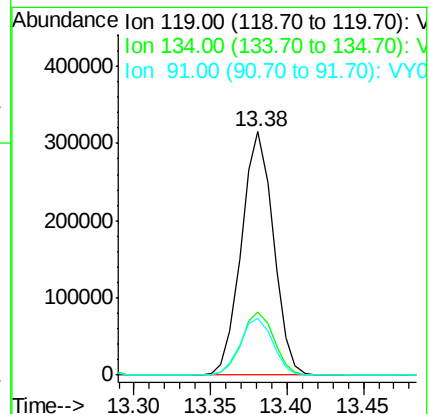
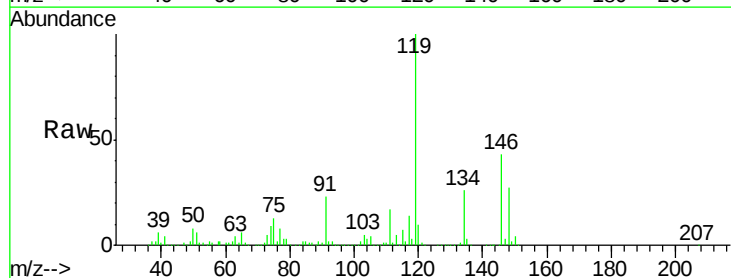
Tgt Ion:119 Resp: 457837

Ion Ratio Lower Upper

119 100

134 26.2 13.1 39.3

91 23.8 11.9 35.7

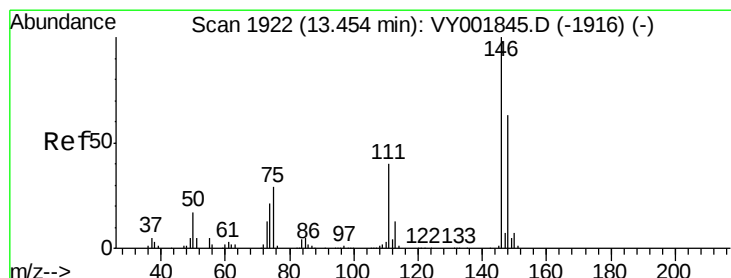
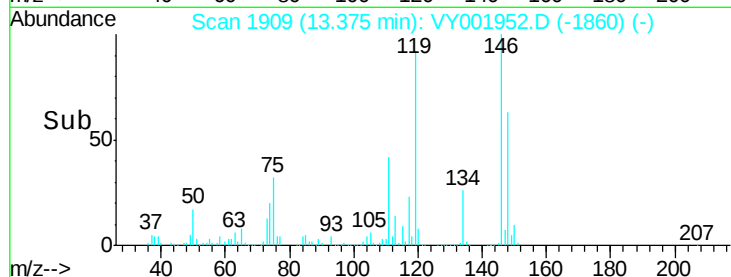
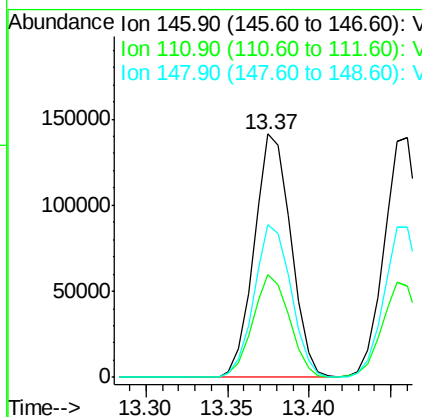
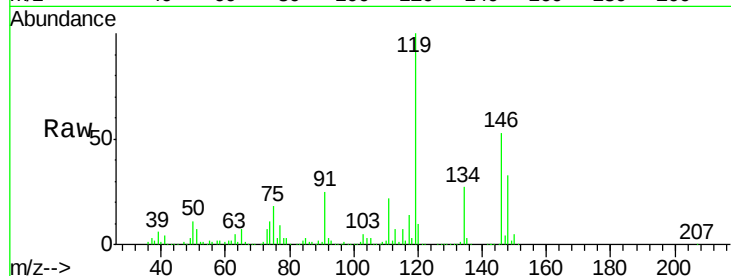




#87
 1,3-Dichlorobenzene
 Concen: 51.10 ug/l
 RT: 13.37 min Scan# 1909
 Delta R.T. -0.00 min
 Lab File: VY001952.D
 Acq: 12 Mar 2020 10:11

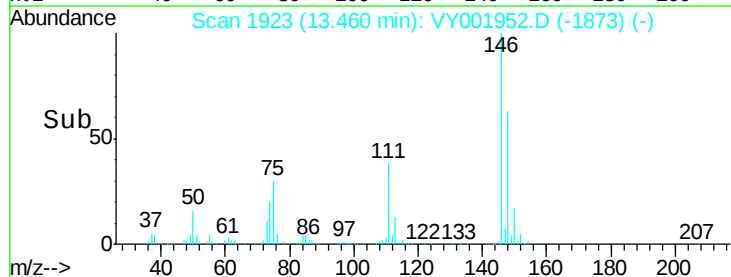
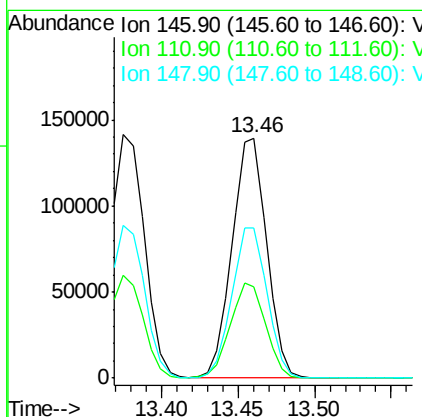
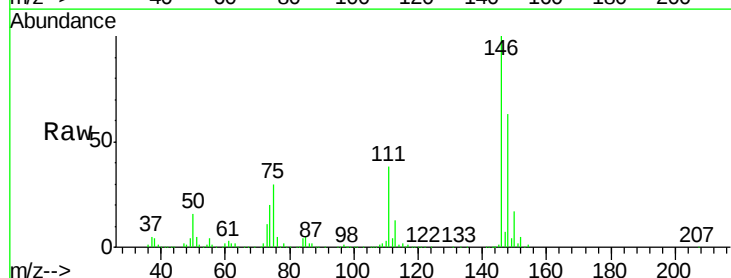
Instrument :
 MSVOA_Y
 ClientSampleId :
 BFB

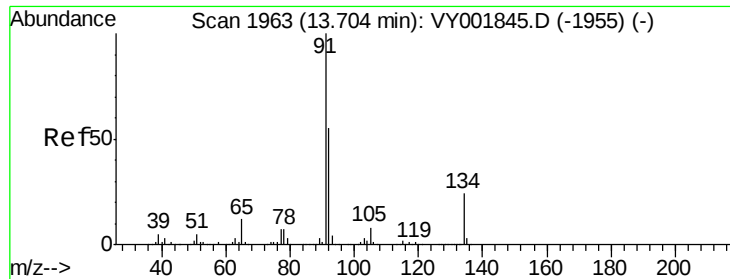
Tgt Ion:146 Resp: 220703
 Ion Ratio Lower Upper
 146 100
 111 42.1 20.8 62.5
 148 62.9 31.4 94.0



#88
 1,4-Dichlorobenzene
 Concen: 49.90 ug/l
 RT: 13.46 min Scan# 1923
 Delta R.T. 0.01 min
 Lab File: VY001952.D
 Acq: 12 Mar 2020 10:11

Tgt Ion:146 Resp: 218621
 Ion Ratio Lower Upper
 146 100
 111 40.4 20.0 60.0
 148 63.6 31.5 94.5

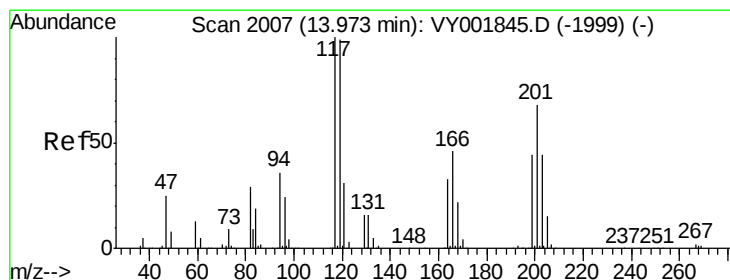
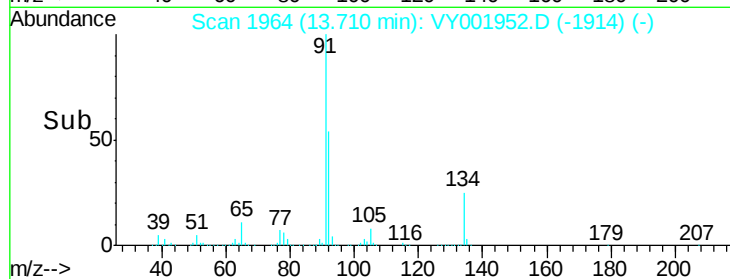
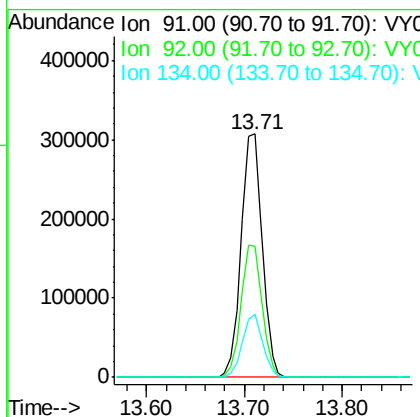
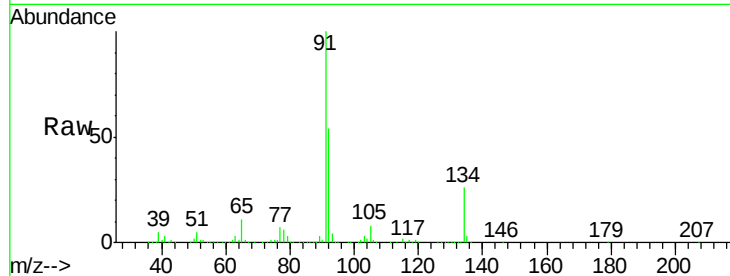




#89
n-Butylbenzene
Concen: 49.15 ug/l
RT: 13.71 min Scan# 1964
Delta R.T. 0.01 min
Lab File: VY001952.D
Acq: 12 Mar 2020 10:11

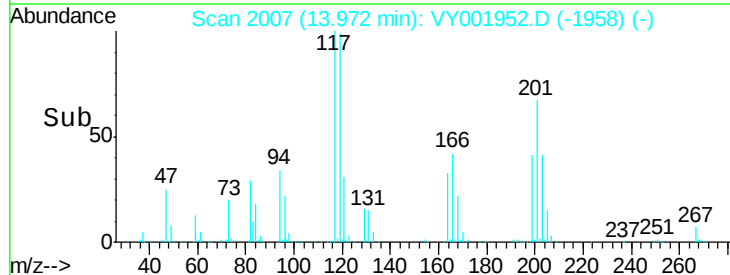
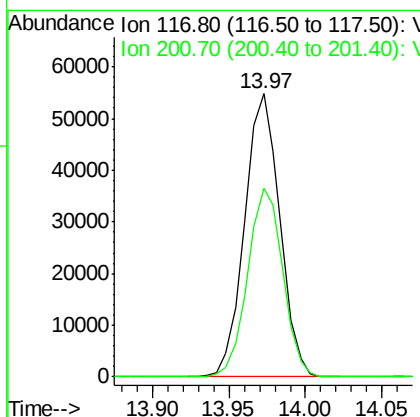
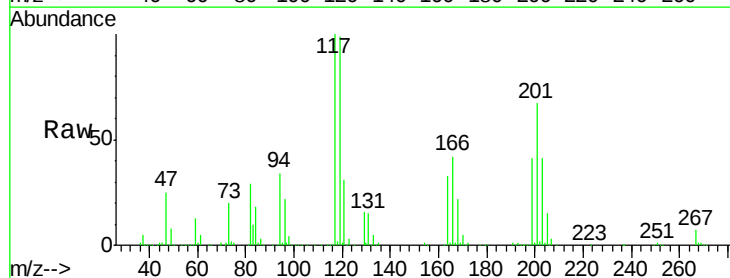
Instrument :
MSVOA_Y
ClientSampled :
BFB

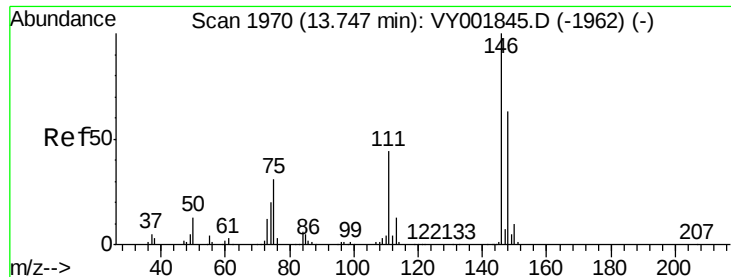
Tgt Ion: 91 Resp: 461231
Ion Ratio Lower Upper
91 100
92 54.2 27.5 82.4
134 24.9 12.5 37.5



#90
Hexachloroethane
Concen: 51.32 ug/l
RT: 13.97 min Scan# 2007
Delta R.T. -0.00 min
Lab File: VY001952.D
Acq: 12 Mar 2020 10:11

Tgt Ion: 117 Resp: 87560
Ion Ratio Lower Upper
117 100
201 66.7 32.5 97.5

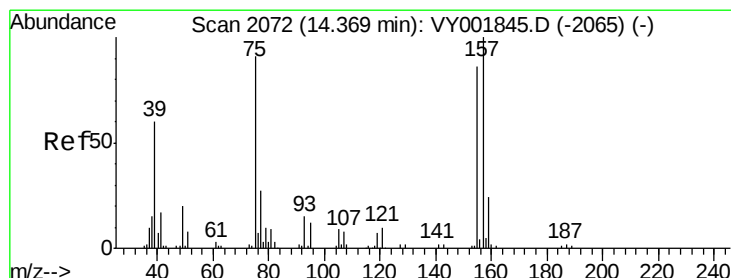
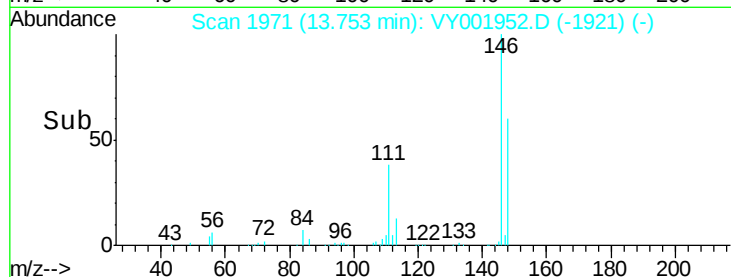
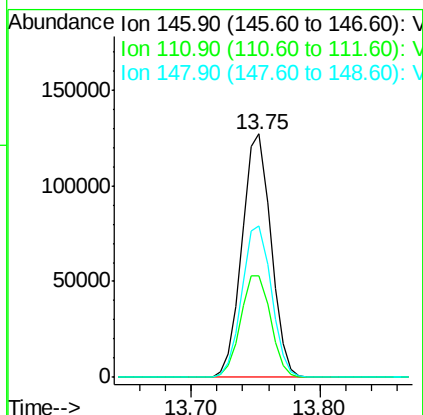
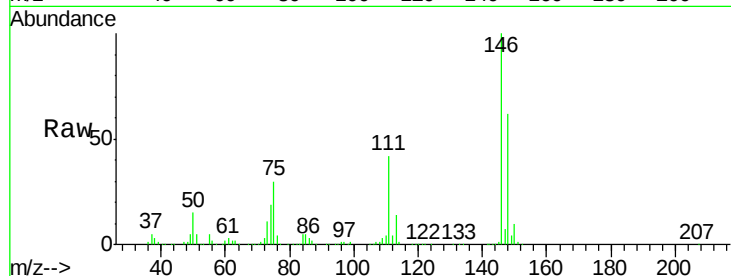




#91
 1,2-Dichlorobenzene
 Concen: 50.41 ug/l
 RT: 13.75 min Scan# 1971
 Delta R.T. 0.01 min
 Lab File: VY001952.D
 Acq: 12 Mar 2020 10:11

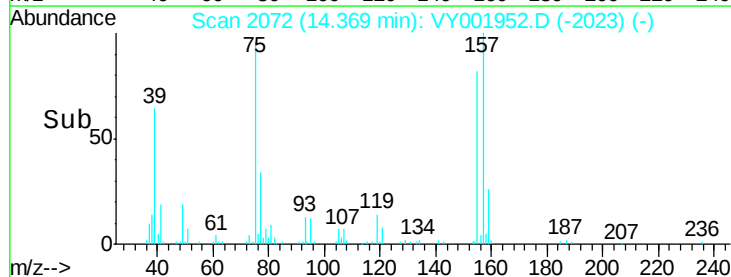
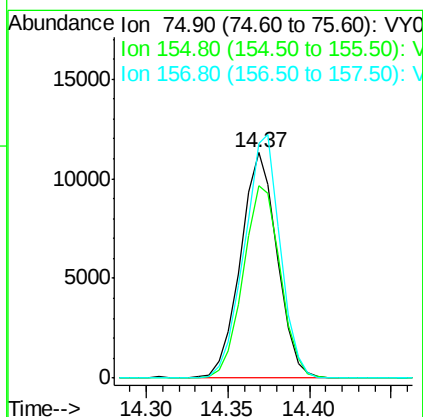
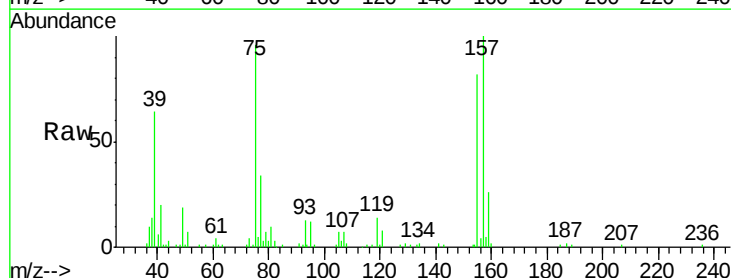
Instrument :
 MSVOA_Y
 ClientSampleId :
 BFB

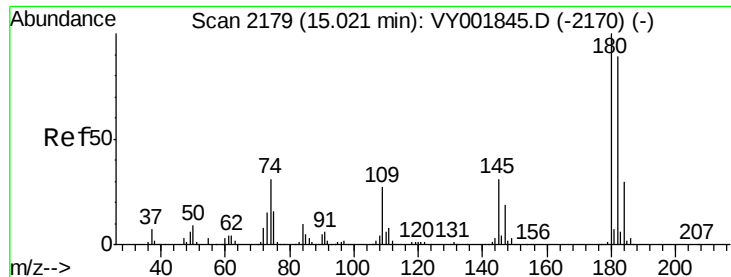
Tgt Ion:146 Resp: 197801
 Ion Ratio Lower Upper
 146 100
 111 43.4 21.5 64.5
 148 63.5 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.67 ug/l
 RT: 14.37 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VY001952.D
 Acq: 12 Mar 2020 10:11

Tgt Ion: 75 Resp: 17738
 Ion Ratio Lower Upper
 75 100
 155 85.8 42.9 128.7
 157 105.6 53.1 159.4

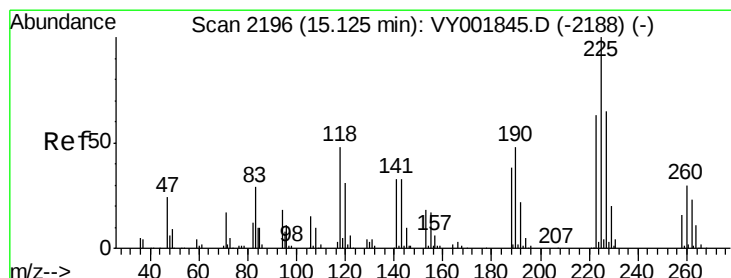
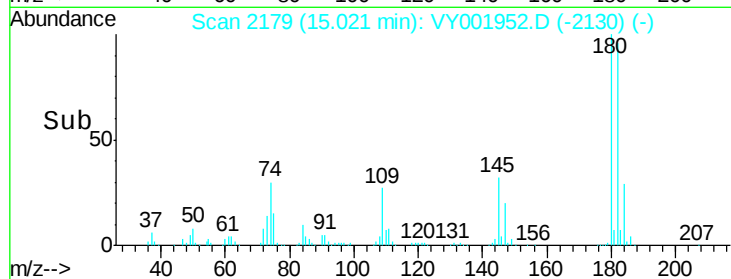
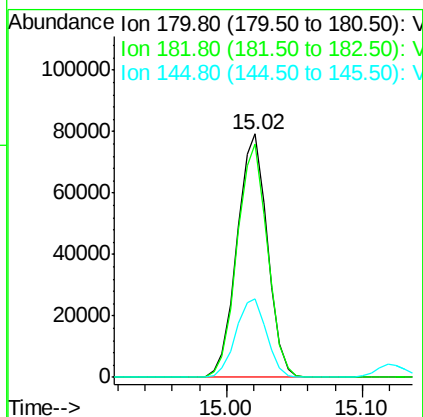
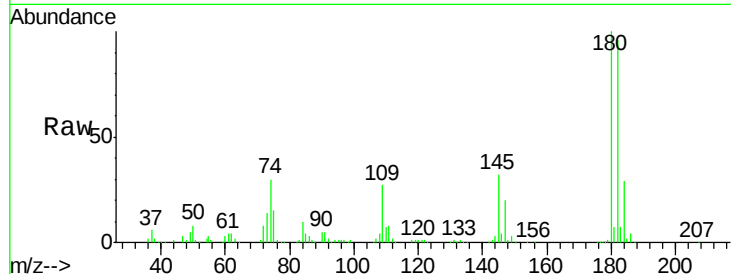




#93
 1,2,4-Trichlorobenzene
 Concen: 48.36 ug/l
 RT: 15.02 min Scan# 2179
 Delta R.T. -0.00 min
 Lab File: VY001952.D
 Acq: 12 Mar 2020 10:11

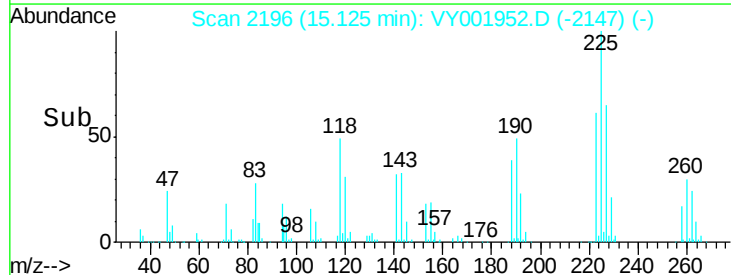
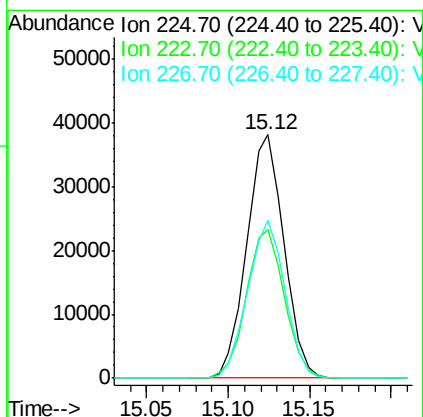
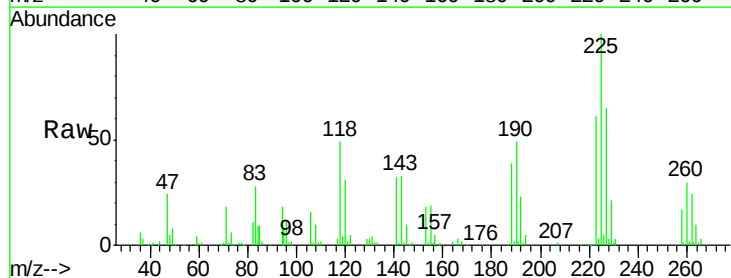
Instrument :
 MSVOA_Y
 ClientSampled :
 BFB

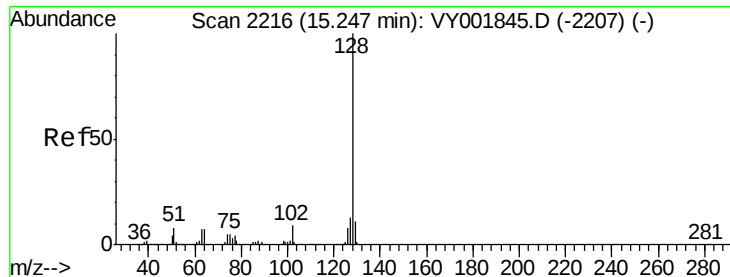
Tgt Ion:180 Resp: 123058
 Ion Ratio Lower Upper
 180 100
 182 95.5 46.1 138.3
 145 32.7 15.6 46.8



#94
 Hexachlorobutadiene
 Concen: 48.75 ug/l
 RT: 15.12 min Scan# 2196
 Delta R.T. -0.00 min
 Lab File: VY001952.D
 Acq: 12 Mar 2020 10:11

Tgt Ion:225 Resp: 60484
 Ion Ratio Lower Upper
 225 100
 223 62.6 31.5 94.5
 227 64.9 31.9 95.5





#95

Naphthalene

Concen: 49.34 ug/l

RT: 15.25 min Scan# 2216

Delta R.T. -0.00 min

Lab File: VY001952.D

Acq: 12 Mar 2020 10:11

Instrument :

MSVOA_Y

ClientSampleId :

BFB

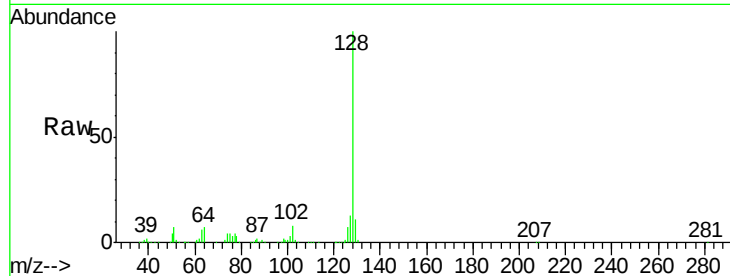
Tgt Ion:128 Resp: 297812

Ion Ratio Lower Upper

128 100

127 12.3 10.1 15.1

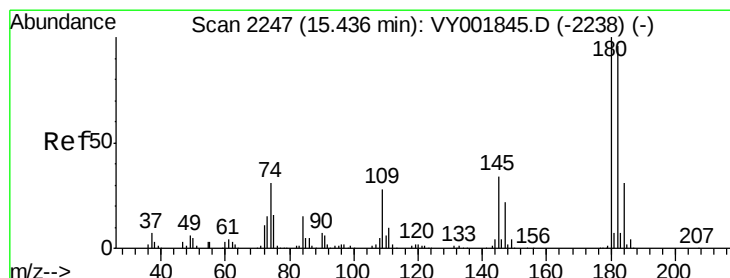
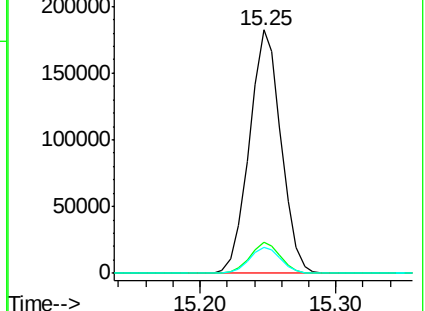
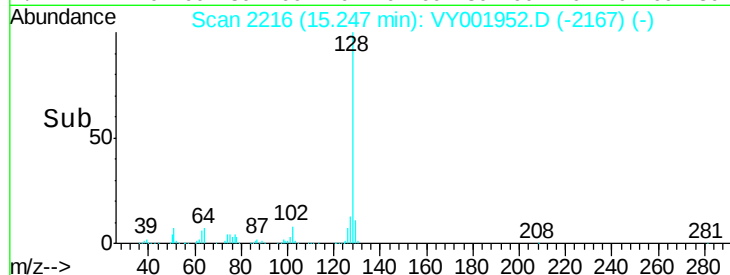
129 10.7 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 48.29 ug/l

RT: 15.44 min Scan# 2247

Delta R.T. -0.00 min

Lab File: VY001952.D

Acq: 12 Mar 2020 10:11

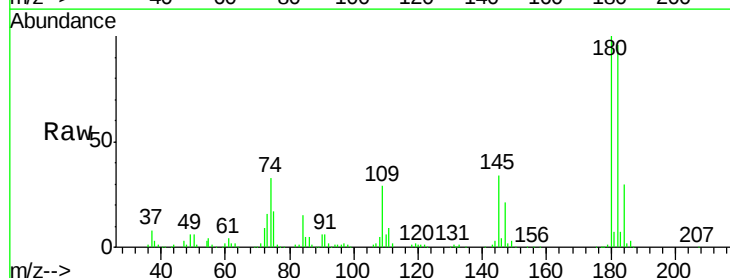
Tgt Ion:180 Resp: 108241

Ion Ratio Lower Upper

180 100

182 95.1 47.6 142.9

145 34.5 16.8 50.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

