

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050520\
 Data File : VY002575.D
 Acq On : 05 May 2020 10:15
 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: May 06 03:16:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 12:22:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	399982	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	594053	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	530008	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	271862	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	165019	49.07	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	98.14%	
35) Dibromofluoromethane	7.73	113	171871	50.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.18%	
50) Toluene-d8	10.19	98	668766	50.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.82%	
62) 4-Bromofluorobenzene	12.49	95	224672	49.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	171586	51.848	ug/l	98
3) Chloromethane	2.12	50	178268	55.011	ug/l	100
4) Vinyl Chloride	2.26	62	205317	54.870	ug/l	99
5) Bromomethane	2.66	94	131264	50.868	ug/l	100
6) Chloroethane	2.80	64	117258	52.481	ug/l	99
7) Trichlorofluoromethane	3.14	101	294162	50.723	ug/l	99
8) Diethyl Ether	3.54	74	103252	52.980	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.91	101	181252	51.137	ug/l	99
10) Methyl Iodide	4.11	142	256017	53.018	ug/l	99
11) Tert butyl alcohol	4.97	59	81581	235.778	ug/l	99
12) 1,1-Dichloroethene	3.89	96	179913	52.251	ug/l	98
13) Acrolein	3.74	56	61330	256.326	ug/l	98
14) Allyl chloride	4.50	41	265598	52.941	ug/l	98
15) Acrylonitrile	5.18	53	242713	264.091	ug/l	98
16) Acetone	3.96	43	208253	300.044	ug/l	98
17) Carbon Disulfide	4.21	76	554421	53.522	ug/l	99
18) Methyl Acetate	4.50	43	117145	50.514	ug/l	99
19) Methyl tert-butyl Ether	5.24	73	461550	51.378	ug/l	99
20) Methylene Chloride	4.73	84	189974	48.945	ug/l	99
21) trans-1,2-Dichloroethene	5.24	96	196167	52.125	ug/l	98
22) Diisopropyl ether	6.13	45	534108	52.616	ug/l	97
23) Vinyl Acetate	6.08	43	1702965	266.758	ug/l	100
24) 1,1-Dichloroethane	6.04	63	312213	51.990	ug/l	100
25) 2-Butanone	7.00	43	305346	268.753	ug/l	97
26) 2,2-Dichloropropane	7.00	77	281404	49.298	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	212135	50.943	ug/l	99
28) Bromochloromethane	7.35	49	130329	52.969	ug/l	99
29) Tetrahydrofuran	7.36	42	203677	270.955	ug/l	99
30) Chloroform	7.52	83	314744	50.406	ug/l	99
31) Cyclohexane	7.80	56	298292	49.347	ug/l	100
32) 1,1,1-Trichloroethane	7.72	97	289827	49.938	ug/l	99
36) 1,1-Dichloropropene	7.93	75	254422	51.089	ug/l	99
37) Ethyl Acetate	7.08	43	133563	52.191	ug/l	100
38) Carbon Tetrachloride	7.91	117	273403	50.286	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Mon May 04 12:22:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	333844	50.755	ug/l	98
40) Benzene	8.17	78	734590	51.072	ug/l	100
41) Methacrylonitrile	7.36	41	181892	132.194	ug/l #	1
42) 1,2-Dichloroethane	8.25	62	198482	49.196	ug/l	98
43) Isopropyl Acetate	8.28	43	250626	52.240	ug/l	99
44) Trichloroethene	8.95	130	232771	51.784	ug/l	96
45) 1,2-Dichloropropane	9.22	63	177016	50.993	ug/l	100
46) Dibromomethane	9.31	93	102340	51.240	ug/l	99
47) Bromodichloromethane	9.50	83	245880	50.630	ug/l	99
48) Methyl methacrylate	9.30	41	113817	52.420	ug/l	99
49) 1,4-Dioxane	9.30	88	28543	1079.353	ug/l	99
51) 4-Methyl-2-Pentanone	10.08	43	654657	264.737	ug/l	99
52) Toluene	10.25	92	469997	50.845	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	259655	51.029	ug/l	98
54) cis-1,3-Dichloropropene	9.94	75	303624	51.616	ug/l	100
55) 1,1,2-Trichloroethane	10.65	97	148023	50.822	ug/l	99
56) Ethyl methacrylate	10.52	69	207704	53.606	ug/l	99
57) 1,3-Dichloropropane	10.80	76	249812	50.577	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	528907	258.849	ug/l	99
59) 2-Hexanone	10.84	43	461511	271.159	ug/l	100
60) Dibromochloromethane	10.99	129	189408	51.130	ug/l	99
61) 1,2-Dibromoethane	11.10	107	146892	50.934	ug/l	100
64) Tetrachloroethene	10.72	164	251897	53.491	ug/l	98
65) Chlorobenzene	11.52	112	515569	51.171	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	191557	51.218	ug/l	99
67) Ethyl Benzene	11.60	91	908613	51.339	ug/l	99
68) m/p-Xylenes	11.70	106	703382	102.716	ug/l	100
69) o-Xylene	12.03	106	330476	51.542	ug/l	99
70) Styrene	12.05	104	567269	51.753	ug/l	100
71) Bromoform	12.21	173	121091	52.165	ug/l #	99
73) Isopropylbenzene	12.33	105	901447	51.162	ug/l	99
74) N-amyl acetate	12.15	43	230247	54.324	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	140211	50.038	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	222955	92.285	ug/l #	100
77) Bromobenzene	12.61	156	223446	50.760	ug/l	99
78) n-propylbenzene	12.67	91	1048560	51.282	ug/l	100
79) 2-Chlorotoluene	12.76	91	576349	50.887	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	745003	51.010	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	63672	52.847	ug/l #	74
82) 4-Chlorotoluene	12.86	91	597208	50.198	ug/l	99
83) tert-Butylbenzene	13.08	119	660895	51.608	ug/l	100
84) 1,2,4-Trimethylbenzene	13.13	105	748150	51.400	ug/l	100
85) sec-Butylbenzene	13.26	105	907954	51.095	ug/l	100
86) p-Isopropyltoluene	13.38	119	850758	51.096	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	425755	51.102	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	421631	51.108	ug/l	100
89) n-Butylbenzene	13.70	91	776602	51.235	ug/l	100
90) Hexachloroethane	13.97	117	156790	51.709	ug/l	97
91) 1,2-Dichlorobenzene	13.75	146	375413	50.498	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	26608	50.941	ug/l	99

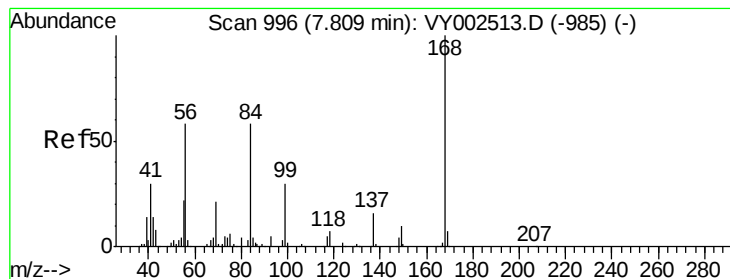
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050520\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	273199	50.617	ug/l	100
94) Hexachlorobutadiene	15.12	225	163253	50.390	ug/l	98
95) Naphthalene	15.24	128	512111	52.012	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	232535	50.750	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY002575.D

Acq: 05 May 2020 10:15

Instrument :

MSVOA_Y

ClientSampleId :

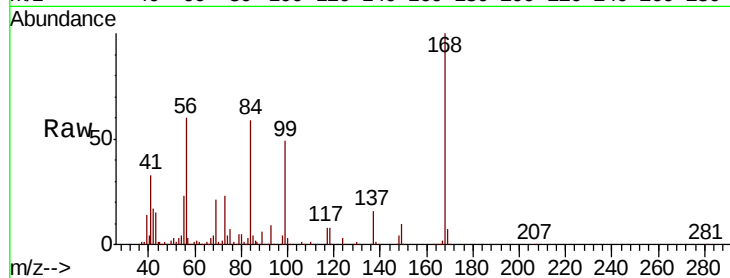
BFB

Tot Ion:168 Resp: 399982

Ion Ratio Lower Upper

168 100

99 49.4 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002513.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002513.D (-985) (-)

7.80

200000

150000

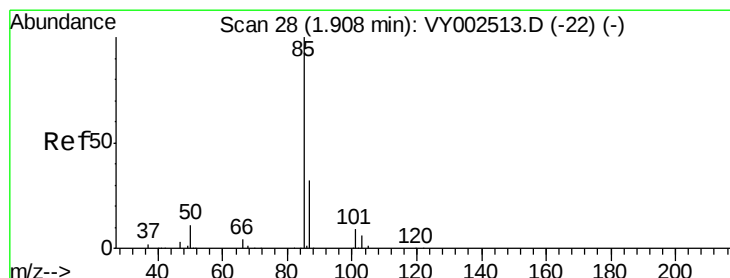
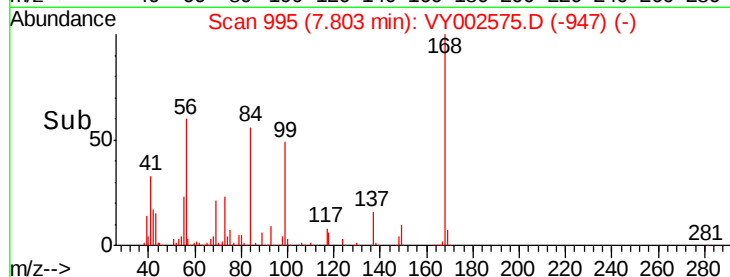
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 51.848 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.00 min

Lab File: VY002575.D

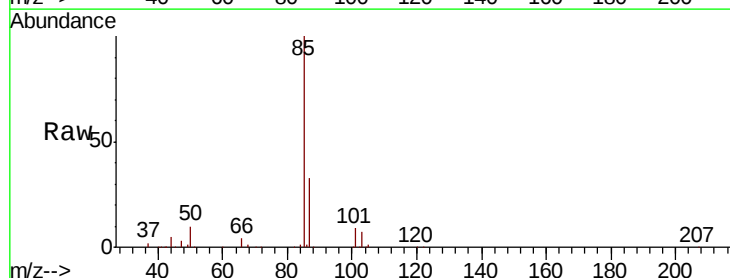
Acq: 05 May 2020 10:15

Tgt Ion: 85 Resp: 171586

Ion Ratio Lower Upper

85 100

87 32.8 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VY002513.D (-22) (-)

Ion 86.90 (86.60 to 87.60): VY002513.D (-22) (-)

1.91

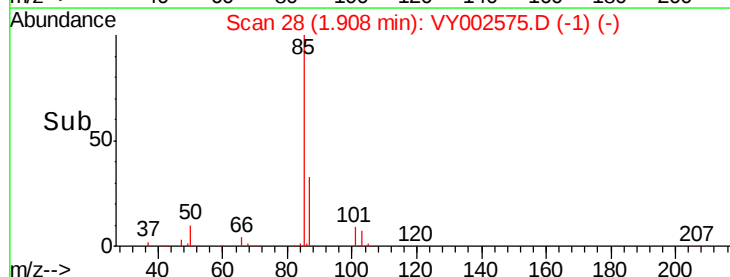
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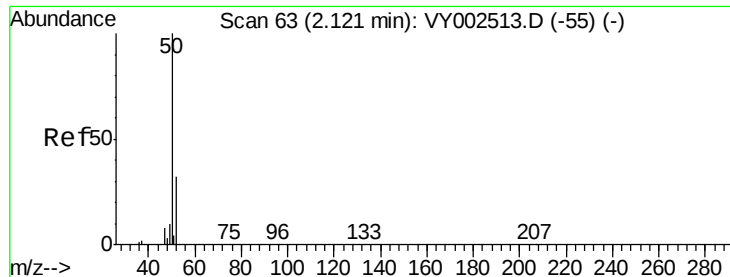
50000

0

1.80 1.90 2.00

Time-->

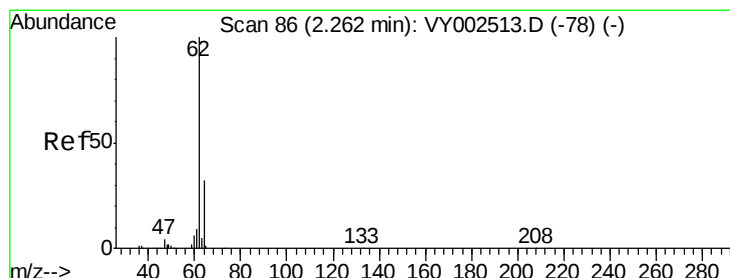
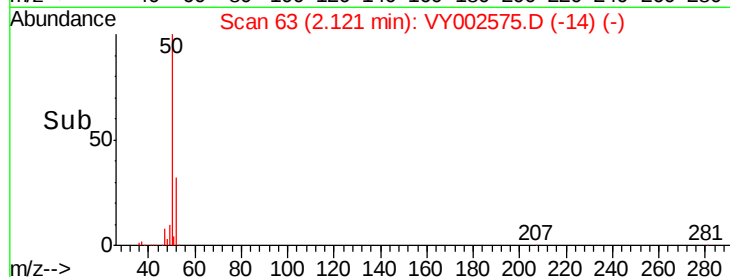
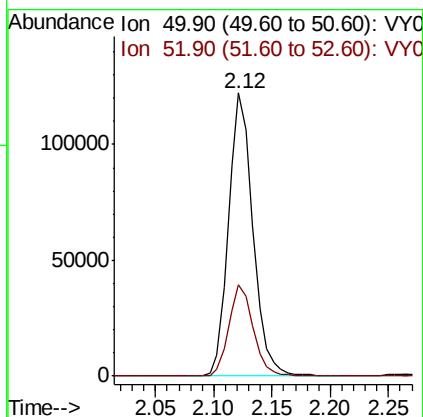
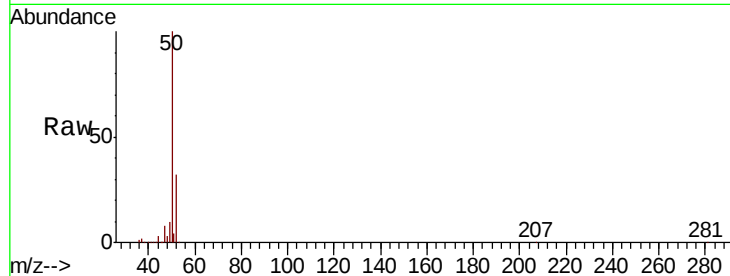




#3
Chloromethane
Concen: 55.011 ug/l
RT: 2.12 min Scan# 63
Delta R.T. -0.00 min
Lab File: VY002575.D
Acq: 05 May 2020 10:15

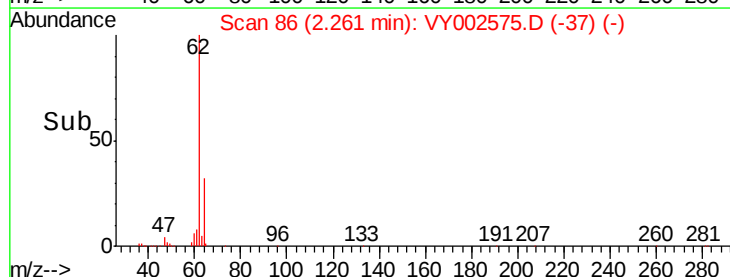
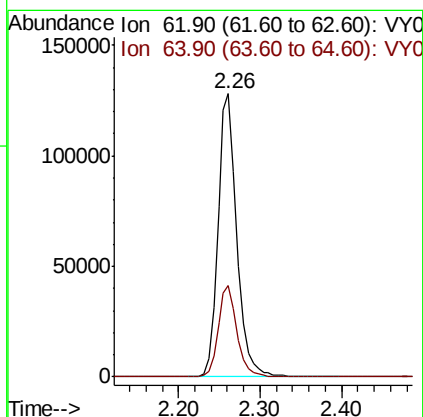
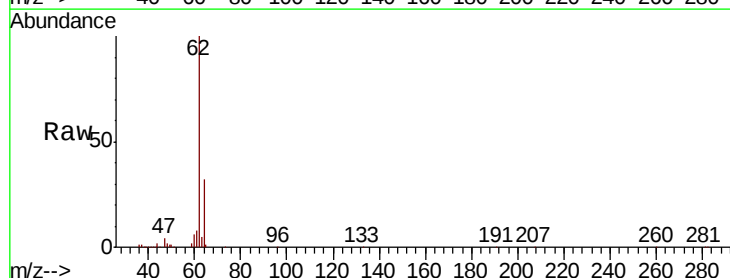
Instrument :
MSVOA_Y
ClientSampled :
BFB

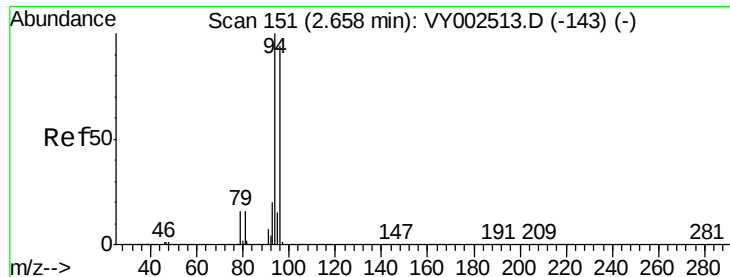
Tot Ion: 50 Resp: 178268
Ion Ratio Lower Upper
50 100
52 32.4 25.9 38.9



#4
Vinyl Chloride
Concen: 54.870 ug/l
RT: 2.26 min Scan# 86
Delta R.T. -0.00 min
Lab File: VY002575.D
Acq: 05 May 2020 10:15

Tgt Ion: 62 Resp: 205317
Ion Ratio Lower Upper
62 100
64 32.3 25.3 37.9





#5

Bromomethane

Concen: 50.868 ug/l

RT: 2.66 min Scan# 151

Delta R.T. -0.00 min

Lab File: VY002575.D

Acq: 05 May 2020 10:15

Instrument :

MSVOA_Y

ClientSampleId :

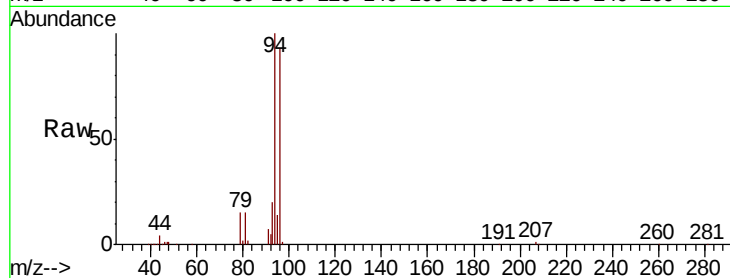
BFB

Tot Ion: 94 Resp: 131264

Ion Ratio Lower Upper

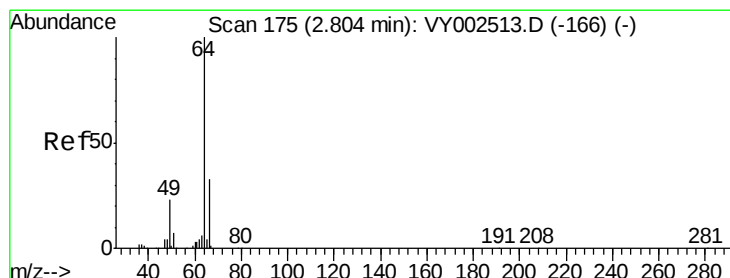
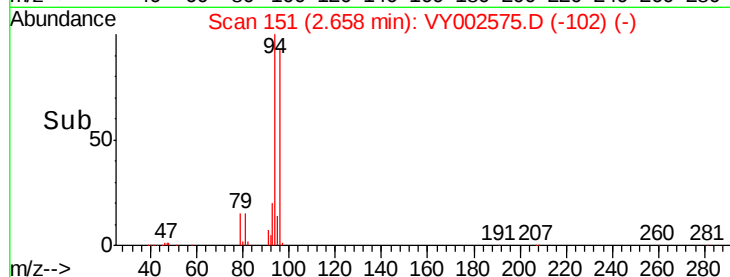
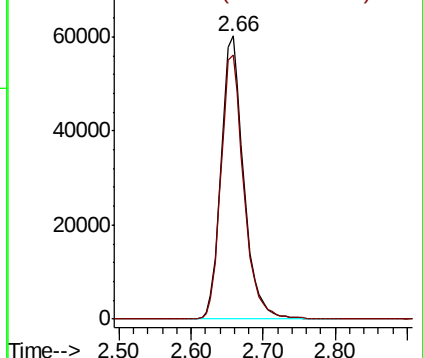
94 100

96 93.4 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 52.481 ug/l

RT: 2.80 min Scan# 175

Delta R.T. -0.00 min

Lab File: VY002575.D

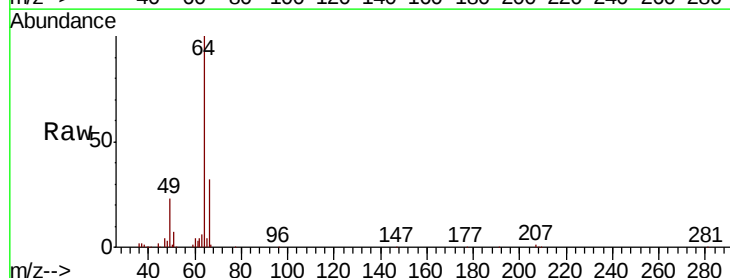
Acq: 05 May 2020 10:15

Tgt Ion: 64 Resp: 117258

Ion Ratio Lower Upper

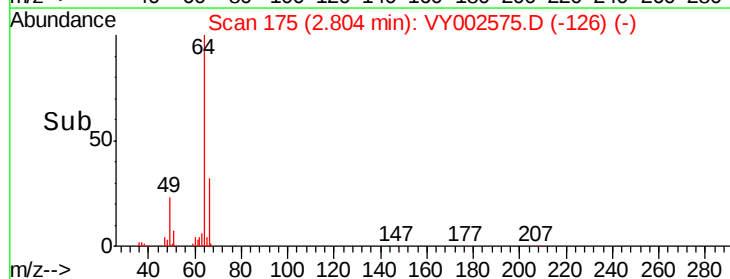
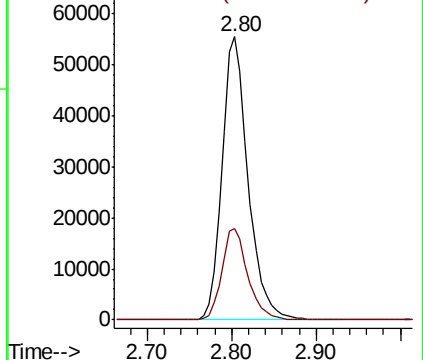
64 100

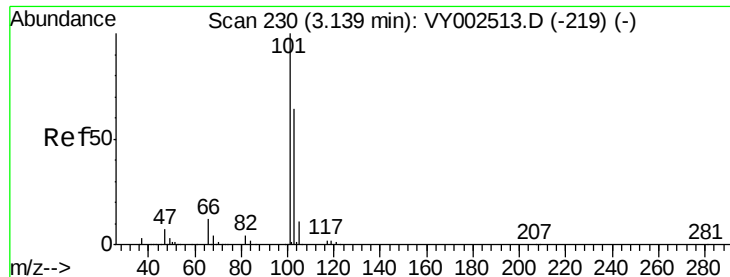
66 32.5 26.3 39.5



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



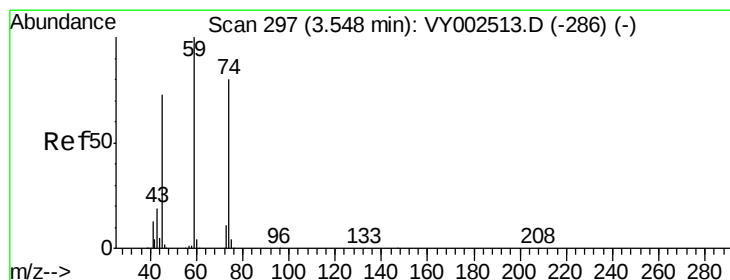
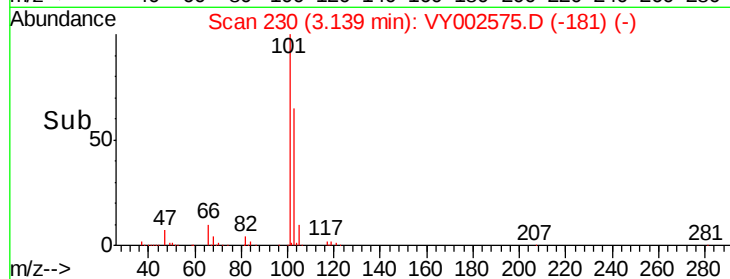
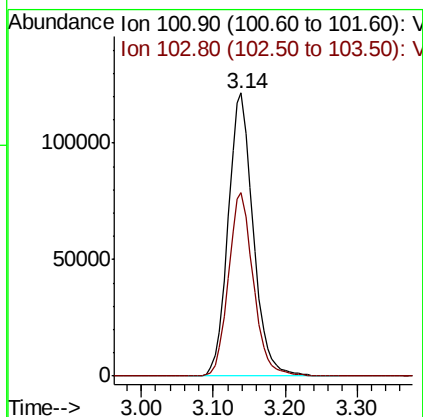
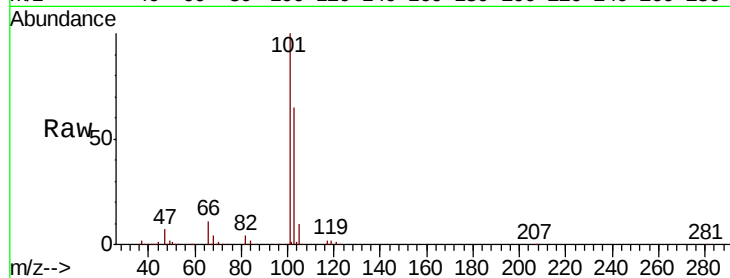


#7

Trichlorofluoromethane
Concen: 50.723 ug/l
RT: 3.14 min Scan# 230
Delta R.T. -0.00 min
Lab File: VY002575.D
Acq: 05 May 2020 10:15

Instrument :
MSVOA_Y
ClientSampled :
BFB

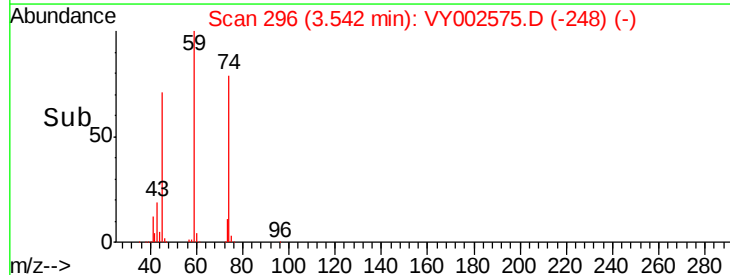
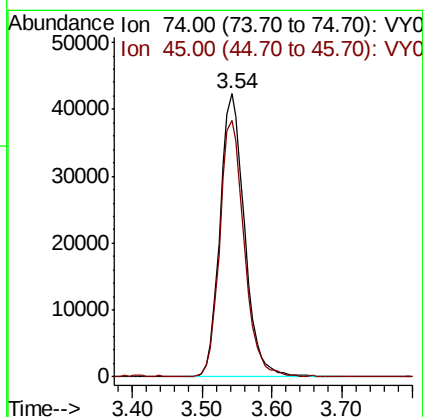
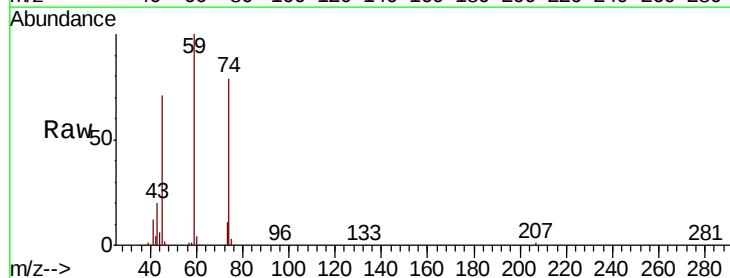
Tot Ion:101 Resp: 294162
Ion Ratio Lower Upper
101 100
103 64.9 51.4 77.0

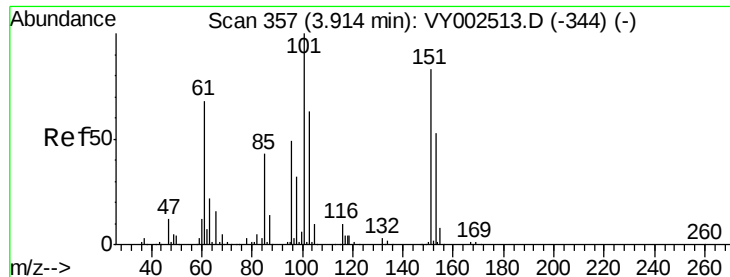


#8

Diethyl Ether
Concen: 52.980 ug/l
RT: 3.54 min Scan# 296
Delta R.T. -0.01 min
Lab File: VY002575.D
Acq: 05 May 2020 10:15

Tgt Ion: 74 Resp: 103252
Ion Ratio Lower Upper
74 100
45 90.5 46.2 138.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.137 ug/l

RT: 3.91 min Scan# 357

Delta R.T. -0.00 min

Lab File: VY002575.D

Acq: 05 May 2020 10:15

Instrument :

MSVOA_Y

ClientSampleId :

BFB

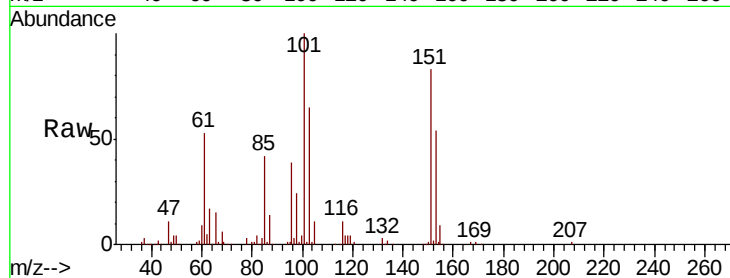
Tot Ion:101 Resp: 181252

Ion Ratio Lower Upper

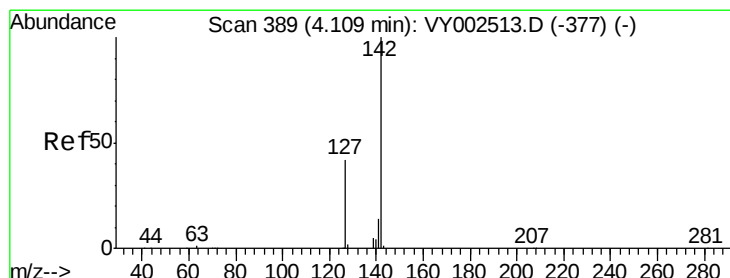
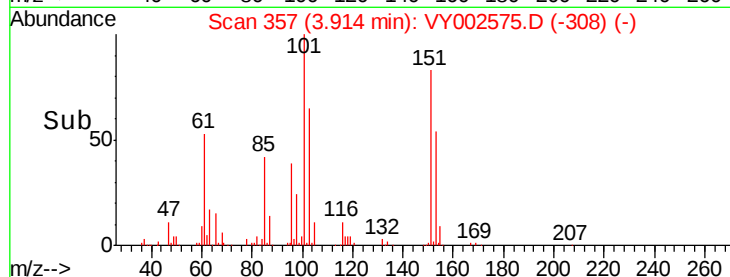
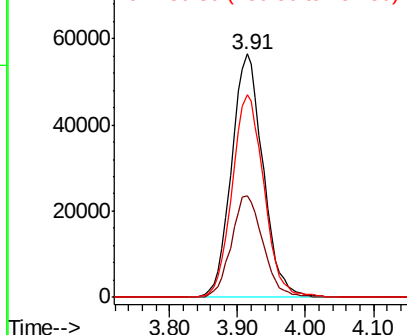
101 100

85 42.2 33.4 50.2

151 84.1 66.8 100.2



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: 53.018 ug/l

RT: 4.11 min Scan# 389

Delta R.T. -0.00 min

Lab File: VY002575.D

Acq: 05 May 2020 10:15

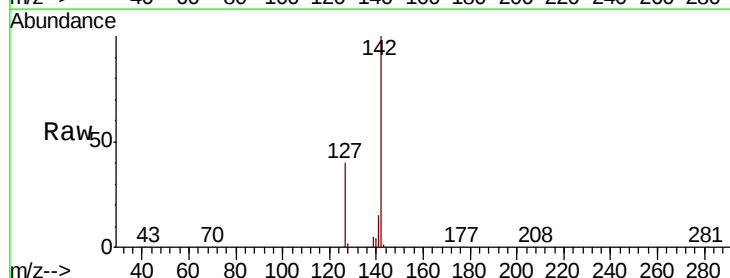
Tgt Ion:142 Resp: 256017

Ion Ratio Lower Upper

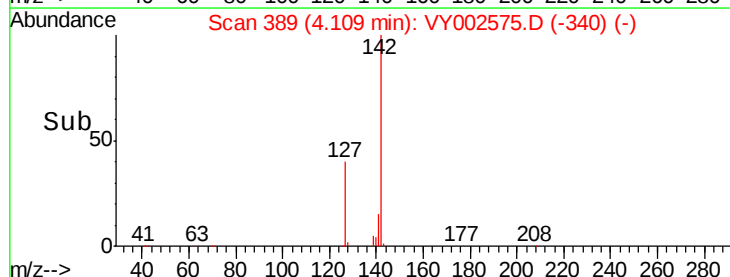
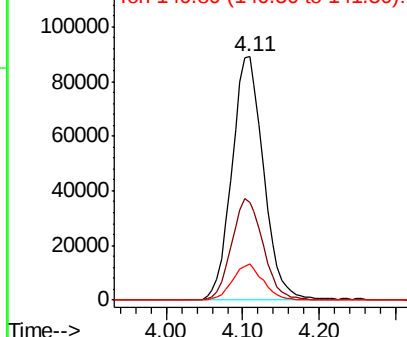
142 100

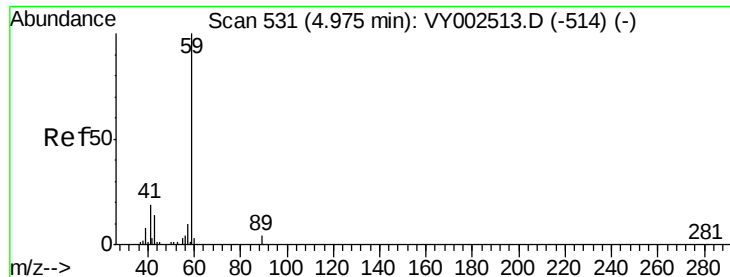
127 41.5 33.7 50.5

141 14.3 11.4 17.0



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V



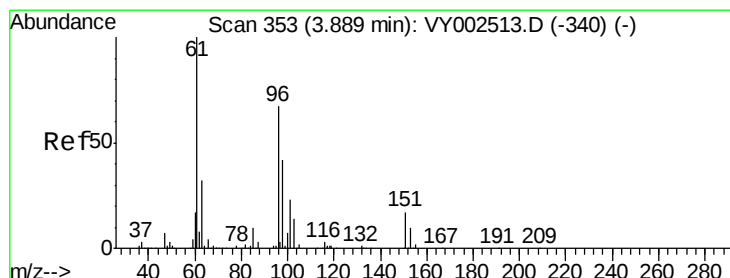
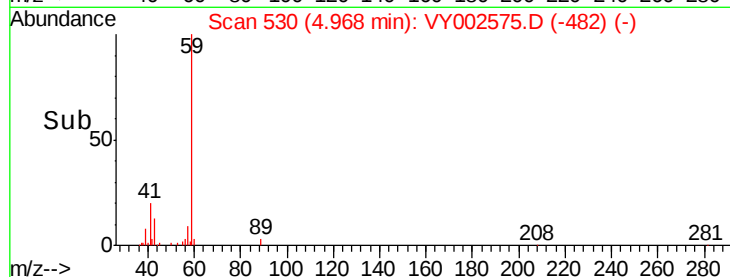
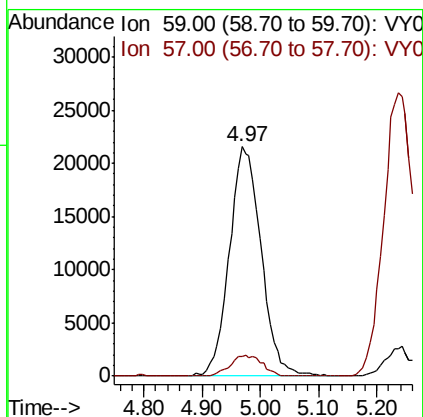
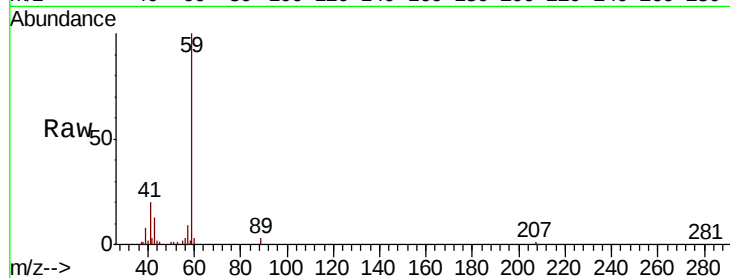


#11

Tert butyl alcohol
 Concen: 235.778 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. -0.01 min
 Lab File: VY002575.D
 Acq: 05 May 2020 10:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 BFB

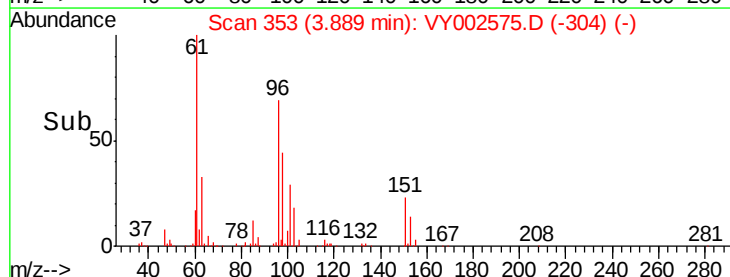
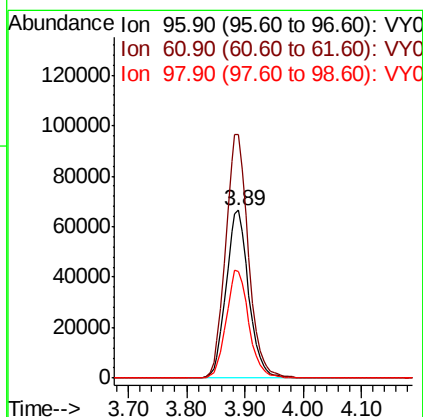
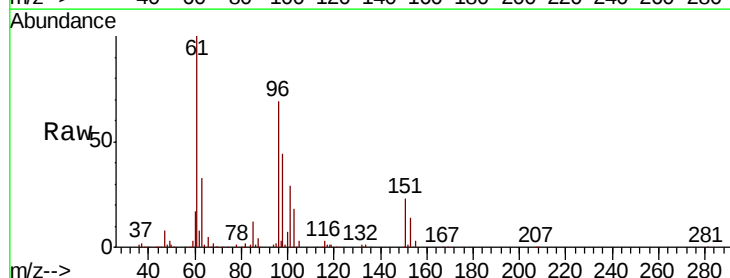
Tot Ion: 59 Resp: 81581
 Ion Ratio Lower Upper
 59 100
 57 9.3 7.8 11.6

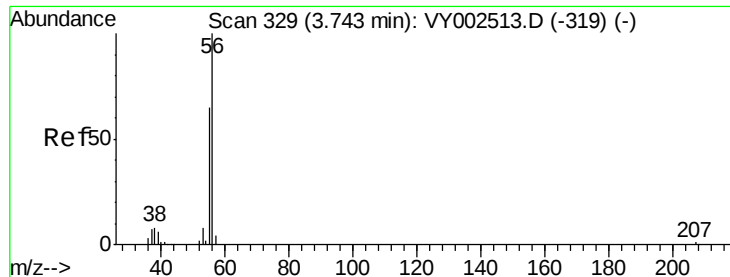


#12

1,1-Dichloroethene
 Concen: 52.251 ug/l
 RT: 3.89 min Scan# 353
 Delta R.T. -0.00 min
 Lab File: VY002575.D
 Acq: 05 May 2020 10:15

Tgt Ion: 96 Resp: 179913
 Ion Ratio Lower Upper
 96 100
 61 145.3 118.8 178.2
 98 63.3 49.6 74.4





#13

Acrolein

Concen: 256.326 ug/l

RT: 3.74 min Scan# 329

Delta R.T. -0.00 min

Lab File: VY002575.D

Acq: 05 May 2020 10:15

Instrument :

MSVOA_Y

ClientSampleId :

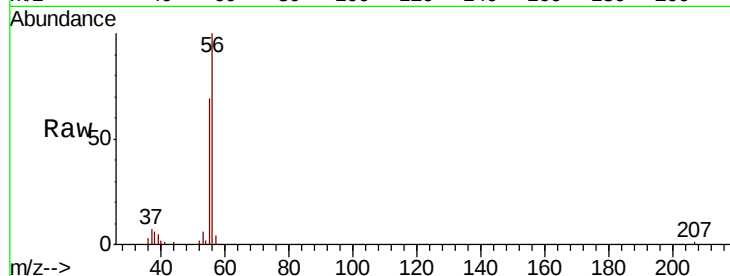
BFB

Tot Ion: 56 Resp: 61330

Ion Ratio Lower Upper

56 100

55 68.8 53.8 80.6



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

3.74

25000

20000

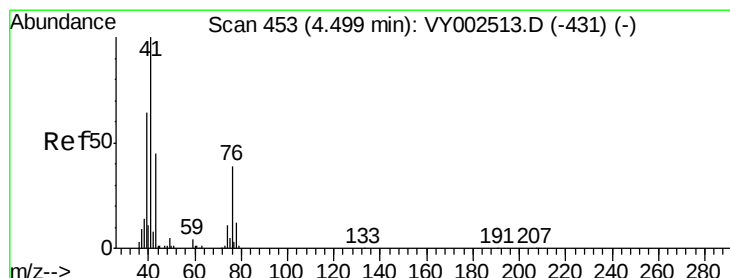
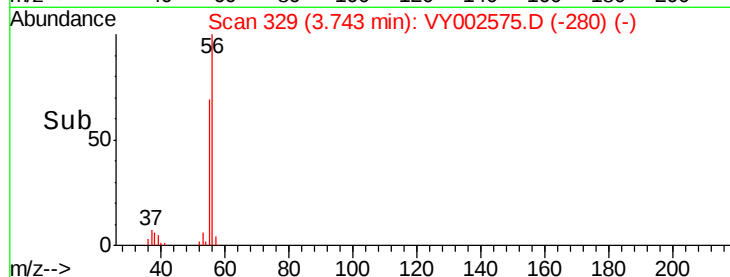
15000

10000

5000

0

Time--> 3.60 3.70 3.80 3.90



#14

Allyl chloride

Concen: 52.941 ug/l

RT: 4.50 min Scan# 453

Delta R.T. -0.00 min

Lab File: VY002575.D

Acq: 05 May 2020 10:15

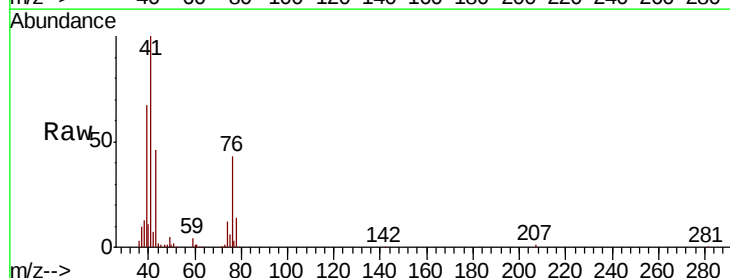
Tgt Ion: 41 Resp: 265598

Ion Ratio Lower Upper

41 100

39 63.3 51.8 77.6

76 40.4 31.7 47.5



Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0

250000

200000

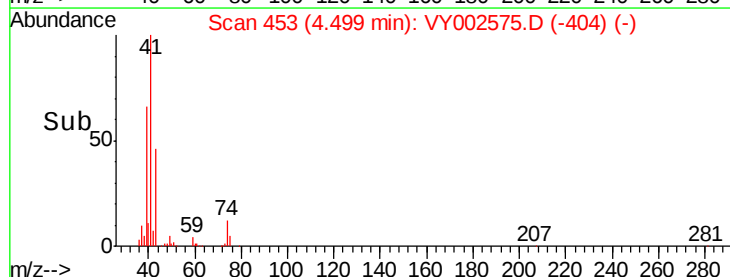
150000

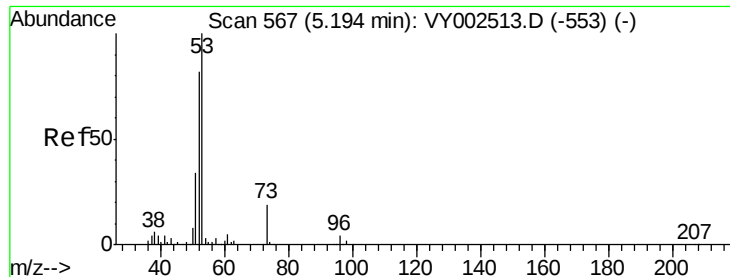
100000

50000

0

Time--> 4.40 4.50 4.60





#15

Acrylonitrile

Concen: 264.091 ug/l

RT: 5.18 min Scan# 565

Delta R.T. -0.01 min

Lab File: VY002575.D

Acq: 05 May 2020 10:15

Instrument :

MSVOA_Y

ClientSampleId :

BFB

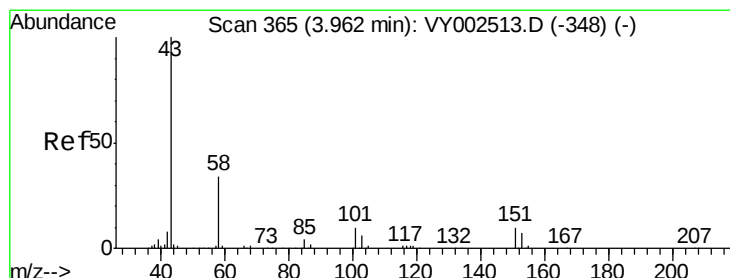
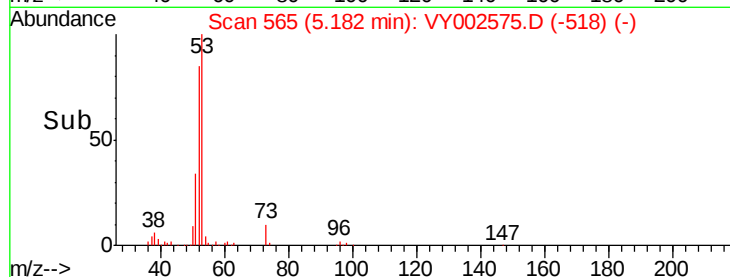
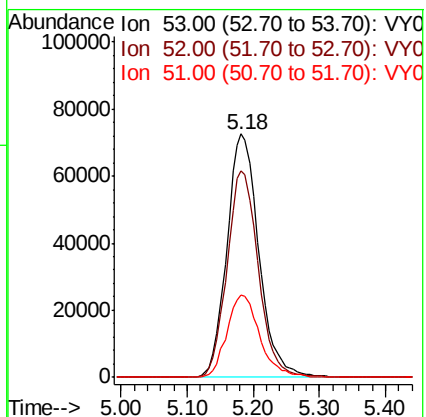
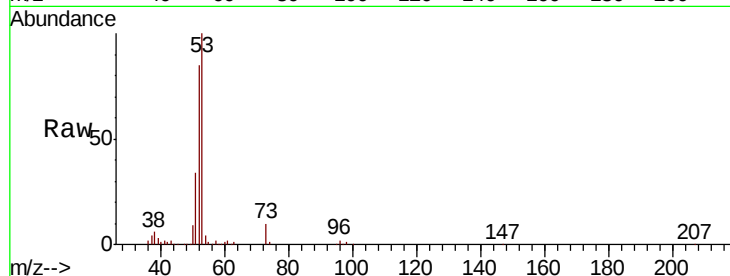
Tot Ion: 53 Resp: 242713

Ion Ratio Lower Upper

53 100

52 83.0 65.4 98.0

51 34.9 28.7 43.1



#16

Acetone

Concen: 300.044 ug/l

RT: 3.96 min Scan# 365

Delta R.T. -0.00 min

Lab File: VY002575.D

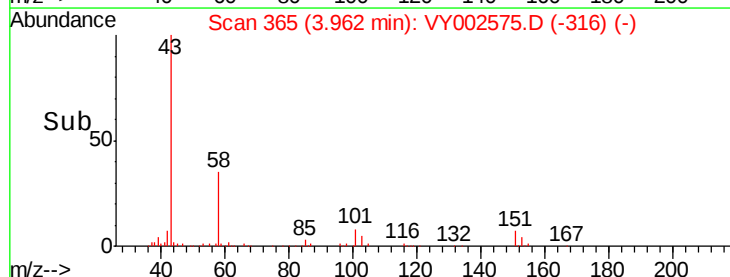
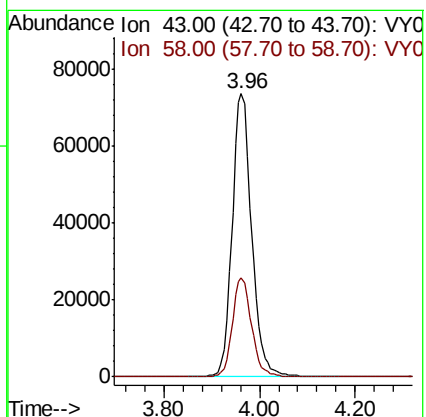
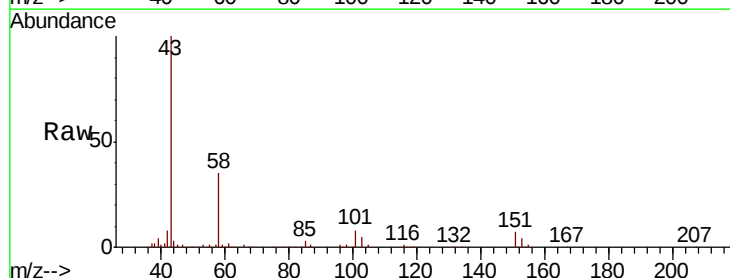
Acq: 05 May 2020 10:15

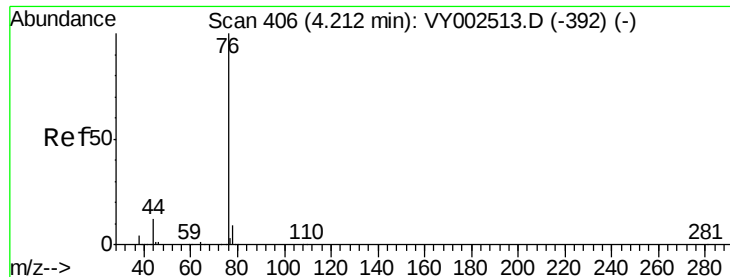
Tgt Ion: 43 Resp: 208253

Ion Ratio Lower Upper

43 100

58 34.9 26.9 40.3

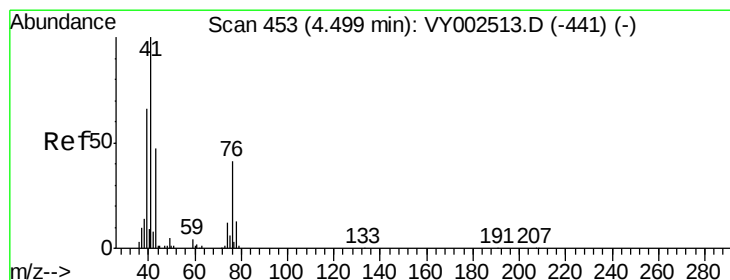
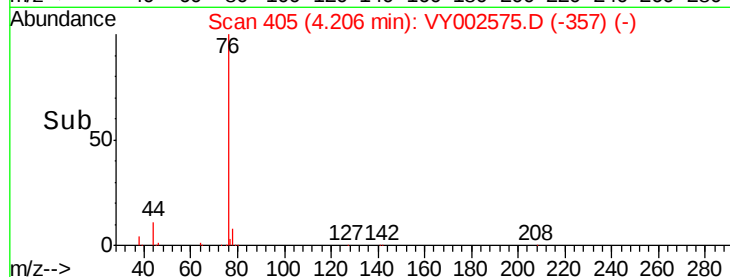
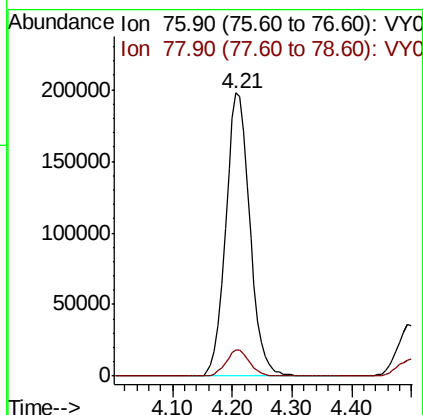
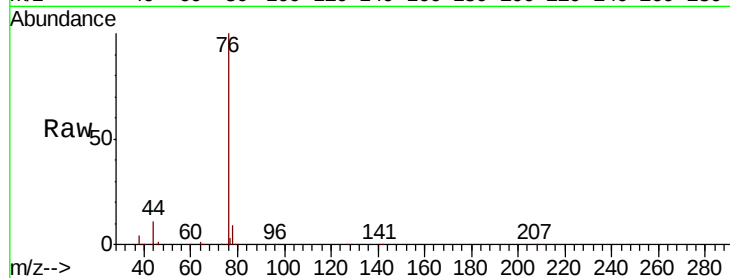




#17
Carbon Disulfide
Concen: 53.522 ug/l
RT: 4.21 min Scan# 405
Delta R.T. -0.01 min
Lab File: VY002575.D
Acq: 05 May 2020 10:15

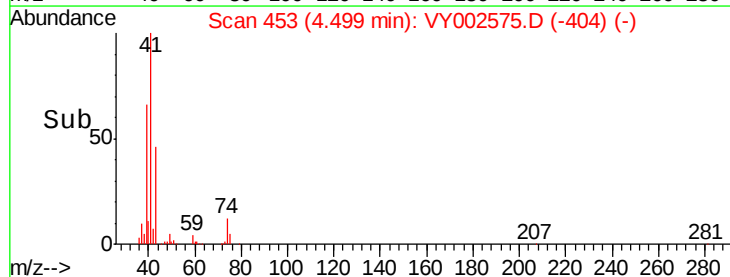
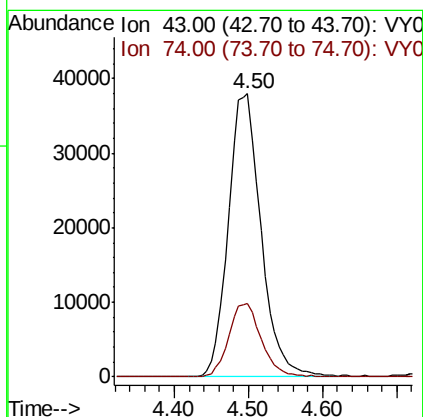
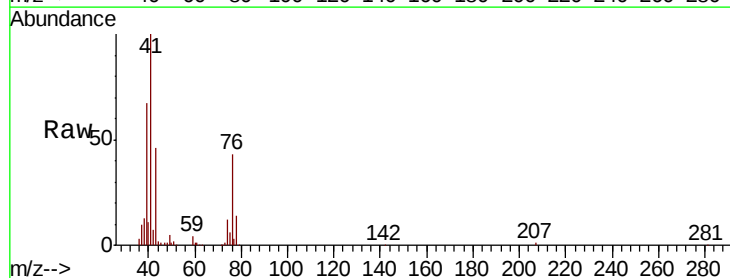
Instrument :
MSVOA_Y
ClientSampleId :
BFB

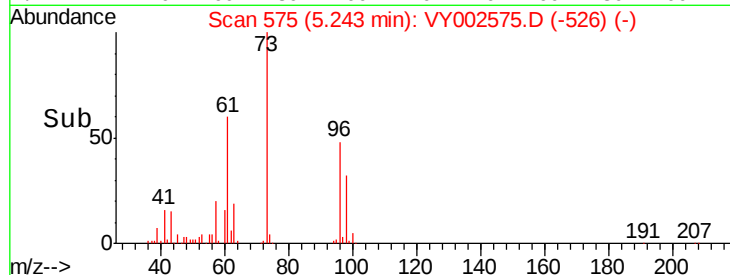
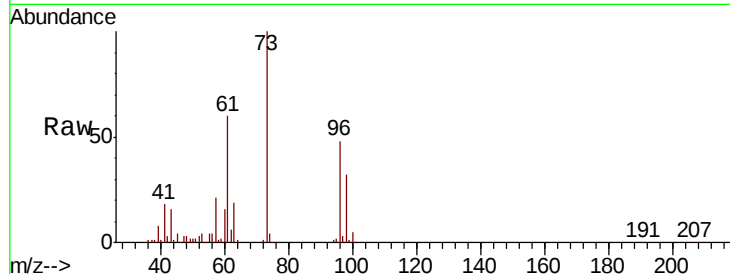
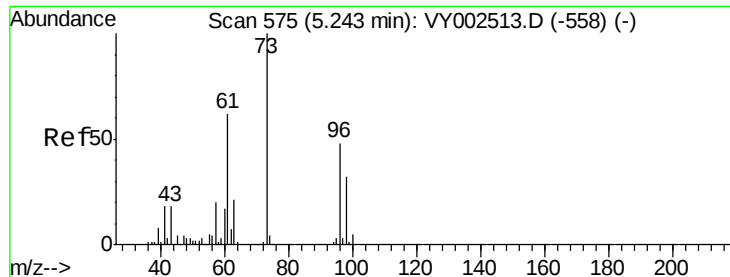
Tot Ion: 76 Resp: 554421
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2



#18
Methyl Acetate
Concen: 50.514 ug/l
RT: 4.50 min Scan# 453
Delta R.T. -0.00 min
Lab File: VY002575.D
Acq: 05 May 2020 10:15

Tgt Ion: 43 Resp: 117145
Ion Ratio Lower Upper
43 100
74 26.0 21.2 31.8

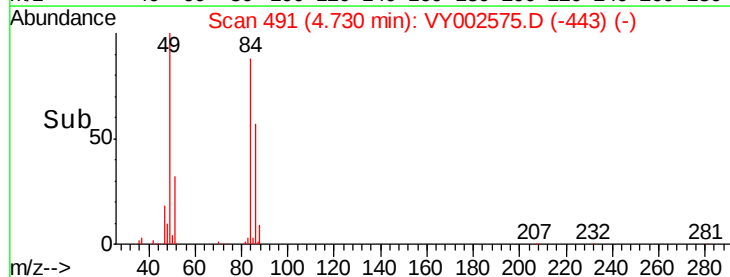
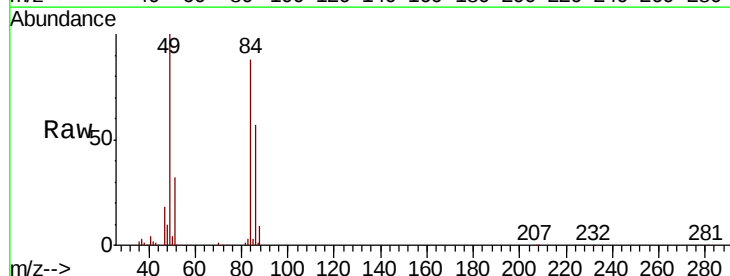
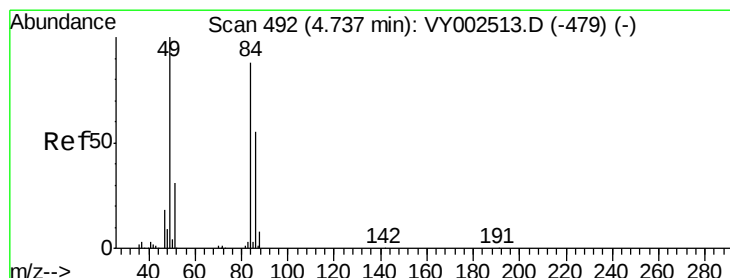
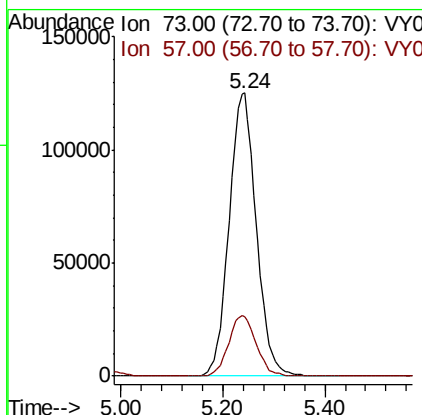




#19
Methyl tert-butyl Ether
Concen: 51.378 ug/l
RT: 5.24 min Scan# 575
Delta R.T. -0.00 min
Lab File: VY002575.D
Acq: 05 May 2020 10:15

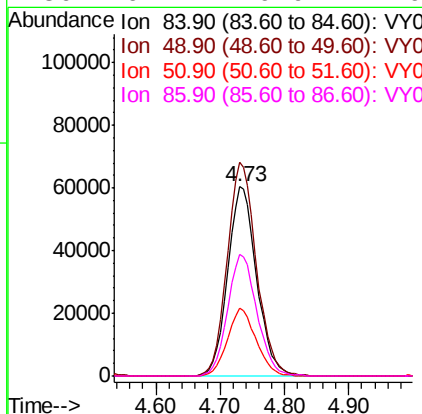
Instrument :
MSVOA_Y
ClientSampleId :
BFB

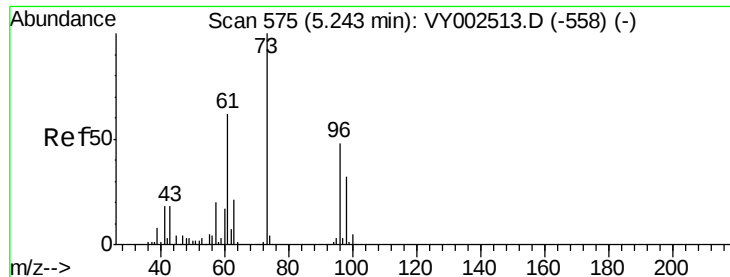
Tot Ion: 73 Resp: 461550
Ion Ratio Lower Upper
73 100
57 21.0 16.3 24.5



#20
Methylene Chloride
Concen: 48.945 ug/l
RT: 4.73 min Scan# 491
Delta R.T. -0.01 min
Lab File: VY002575.D
Acq: 05 May 2020 10:15

Tgt Ion: 84 Resp: 189974
Ion Ratio Lower Upper
84 100
49 113.0 90.5 135.7
51 35.7 28.3 42.5
86 64.1 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 52.125 ug/l

RT: 5.24 min Scan# 574

Delta R.T. -0.01 min

Lab File: VY002575.D

Acq: 05 May 2020 10:15

Instrument :

MSVOA_Y

ClientSampleId :

BFB

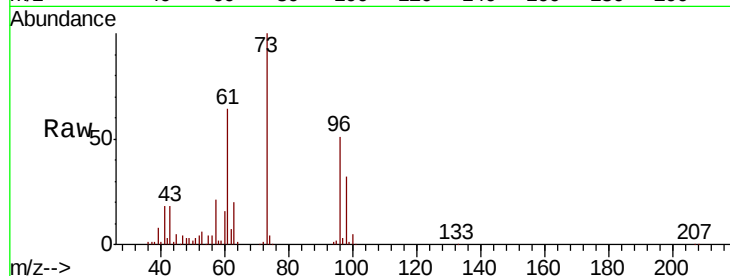
Tot Ion: 96 Resp: 196167

Ion Ratio Lower Upper

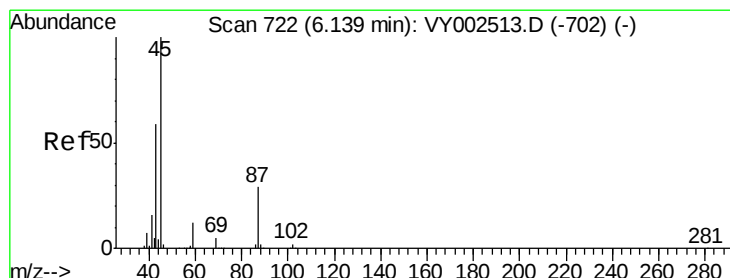
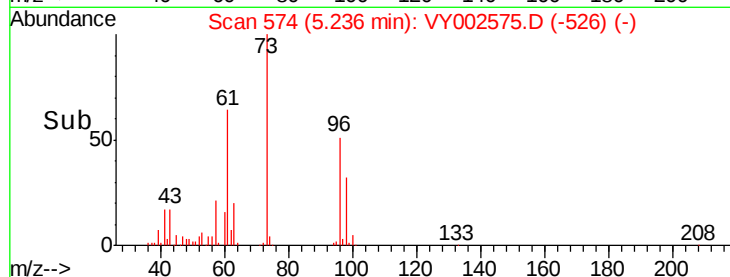
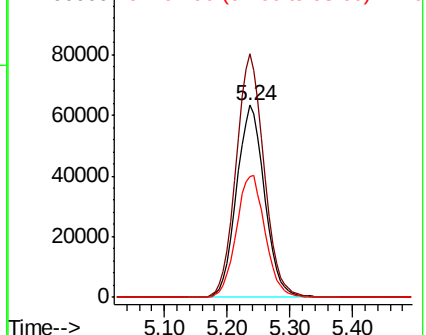
96 100

61 126.8 102.0 153.0

98 63.1 53.0 79.4



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



#22

Diisopropyl ether

Concen: 52.616 ug/l

RT: 6.13 min Scan# 721

Delta R.T. -0.01 min

Lab File: VY002575.D

Acq: 05 May 2020 10:15

Tgt Ion: 45 Resp: 534108

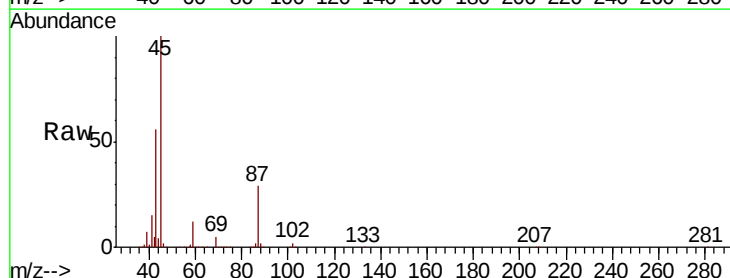
Ion Ratio Lower Upper

45 100

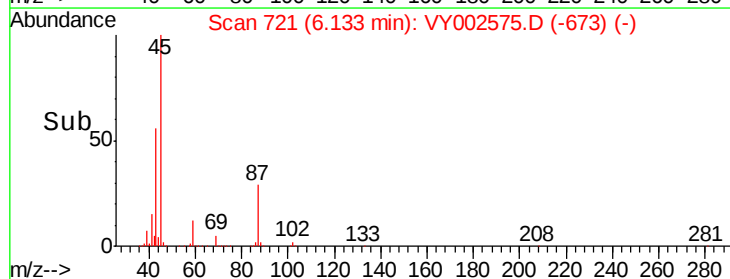
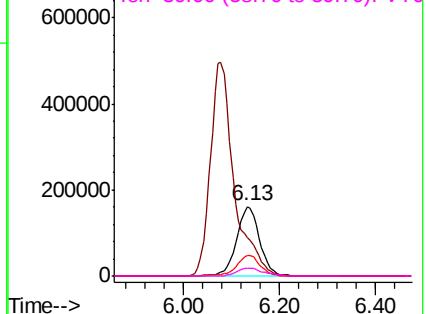
43 55.4 47.4 71.0

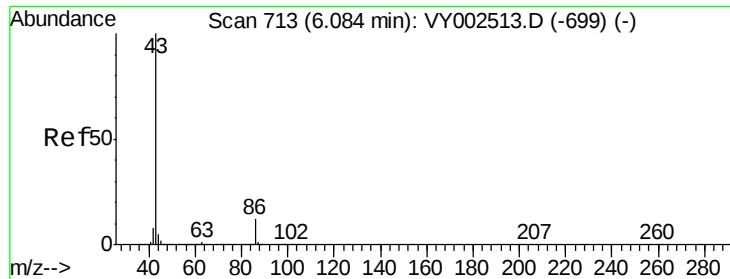
87 29.5 24.0 36.0

59 11.9 9.8 14.8



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





#23

Vinyl Acetate

Concen: 266.758 ug/l

RT: 6.08 min Scan# 712

Delta R.T. -0.01 min

Lab File: VY002575.D

Acq: 05 May 2020 10:15

Instrument :

MSVOA_Y

ClientSampled :

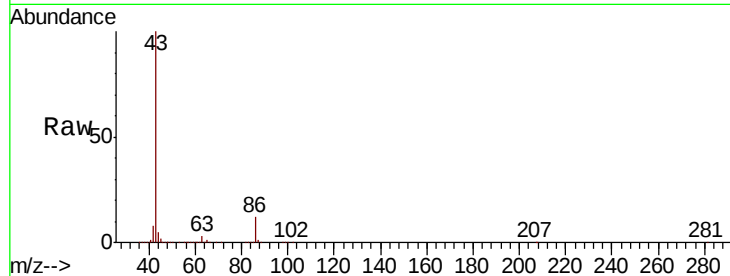
BFB

Tot Ion: 43 Resp: 1702965

Ion Ratio Lower Upper

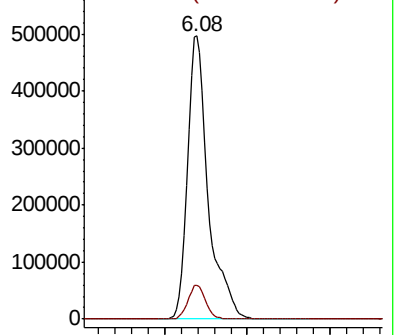
43 100

86 12.0 9.8 14.6

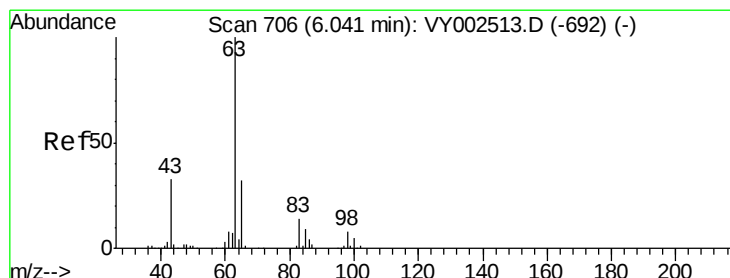
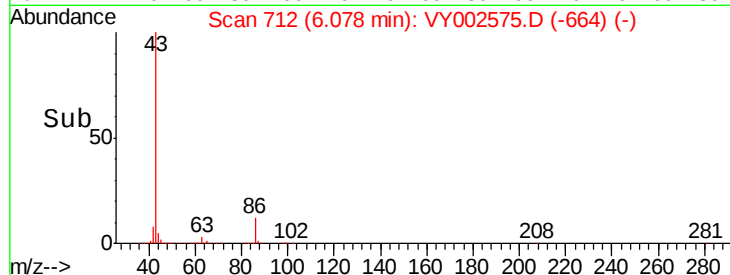


Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



Time-->



#24

1,1-Dichloroethane

Concen: 51.990 ug/l

RT: 6.04 min Scan# 705

Delta R.T. -0.01 min

Lab File: VY002575.D

Acq: 05 May 2020 10:15

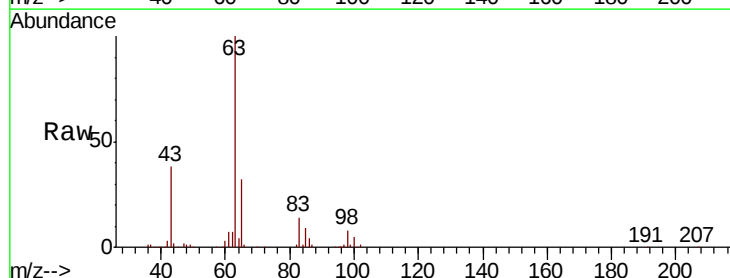
Tgt Ion: 63 Resp: 312213

Ion Ratio Lower Upper

63 100

98 7.8 3.9 11.7

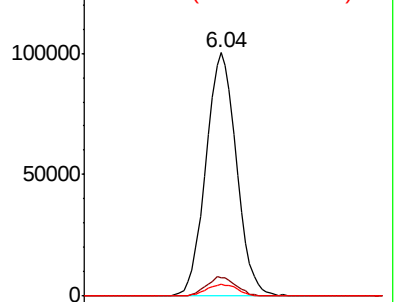
100 4.9 2.4 7.2



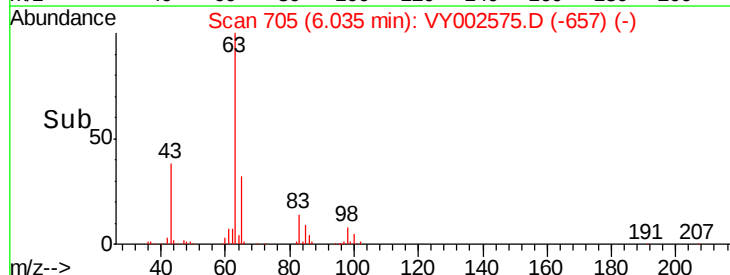
Abundance Ion 62.90 (62.60 to 63.60): VY0

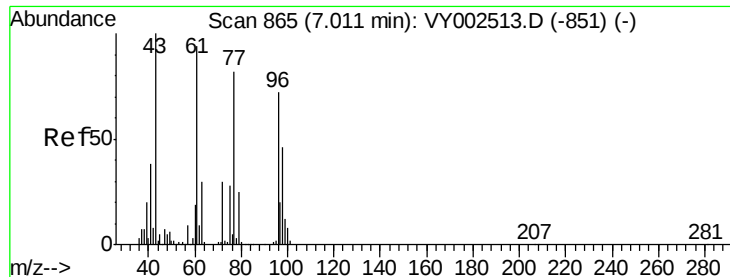
Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0



Time-->

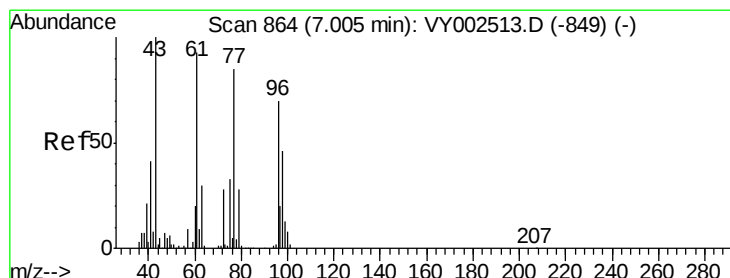
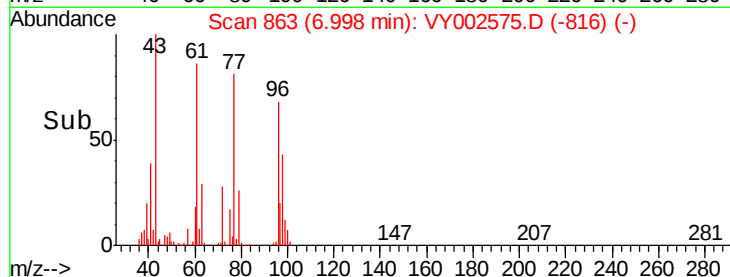
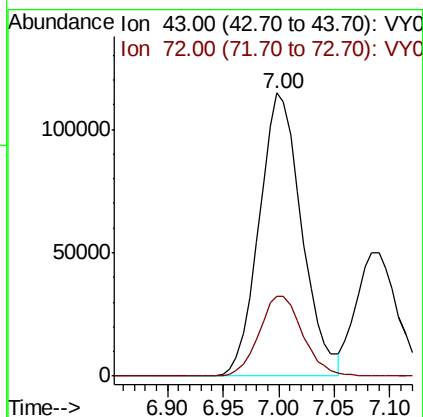
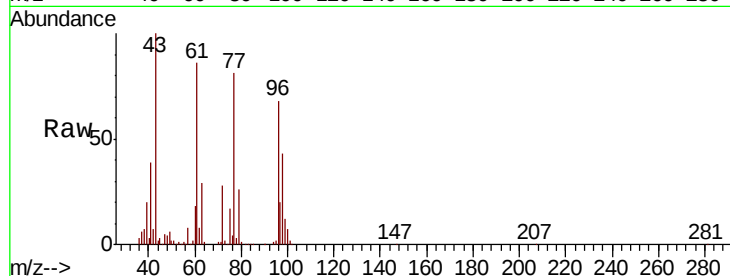




#25
2-Butanone
Concen: 268.753 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.01 min
Lab File: VY002575.D
Acq: 05 May 2020 10:15

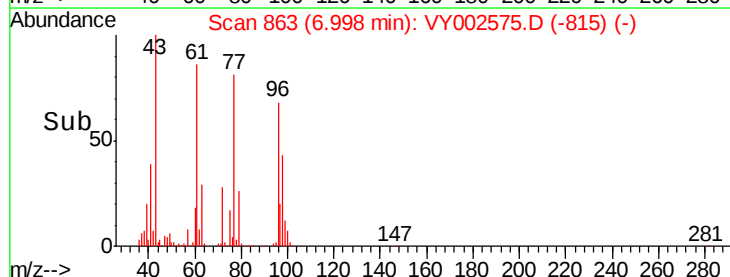
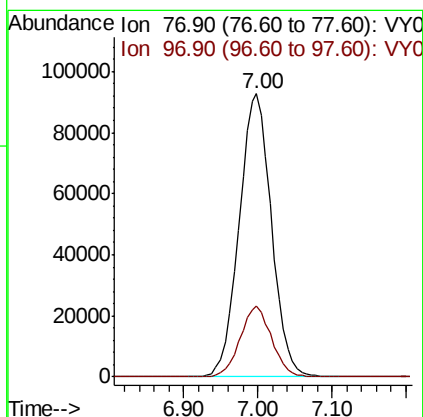
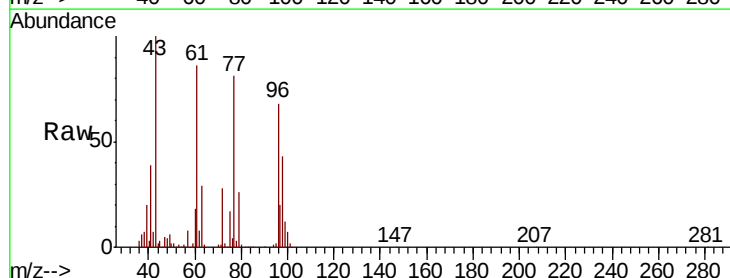
Instrument :
MSVOA_Y
ClientSampled :
BFB

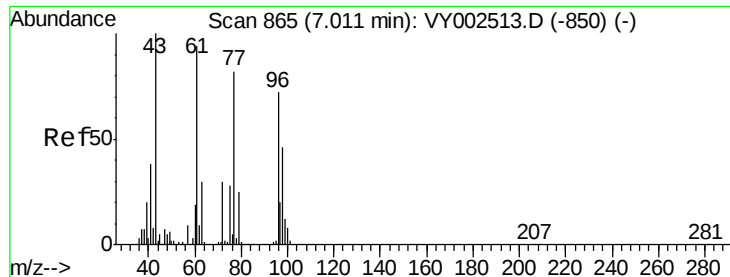
Tot Ion: 43 Resp: 305346
Ion Ratio Lower Upper
43 100
72 28.3 24.1 36.1



#26
2,2-Dichloropropane
Concen: 49.298 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.01 min
Lab File: VY002575.D
Acq: 05 May 2020 10:15

Tgt Ion: 77 Resp: 281404
Ion Ratio Lower Upper
77 100
97 24.3 11.9 35.5



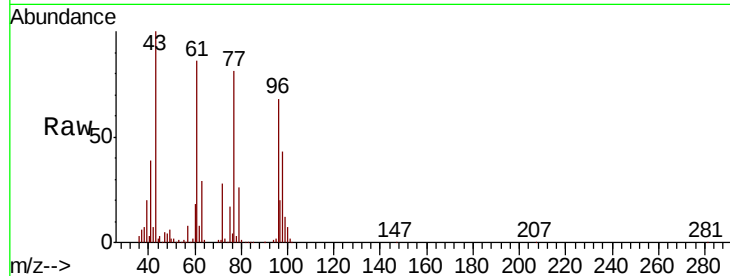


#27

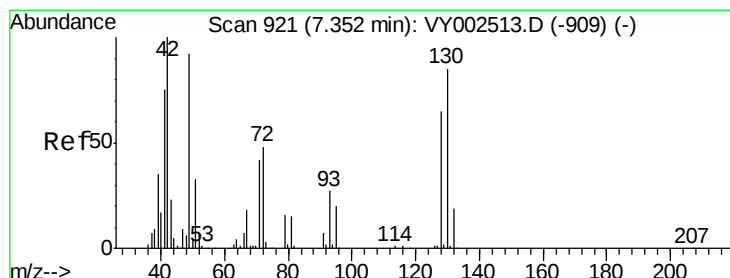
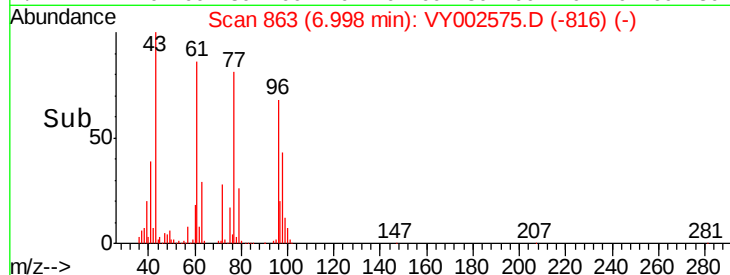
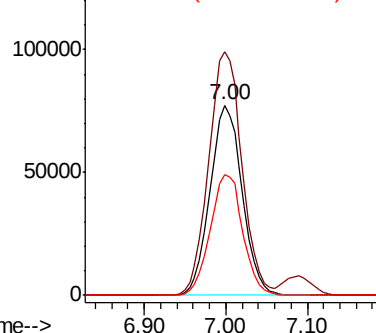
cis-1,2-Dichloroethene
Concen: 50.943 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.01 min
Lab File: VY002575.D
Acq: 05 May 2020 10:15

Instrument :
MSVOA_Y
ClientSampled :
BFB

Tot Ion	96	Resp	212135
Ion Ratio	100	Lower	Upper
96	100	0.0	266.6
61	132.3	0.0	129.2
98	64.2	0.0	



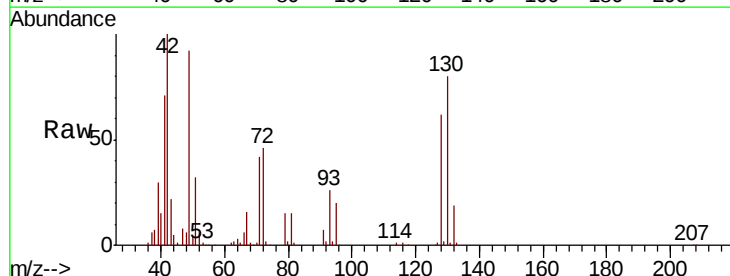
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



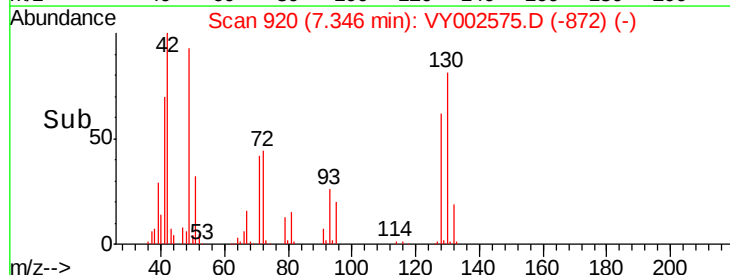
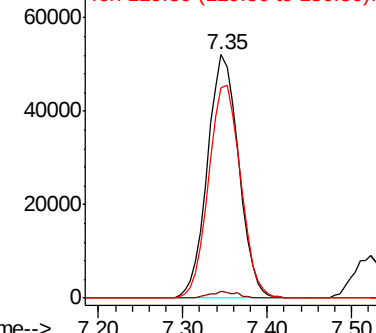
#28

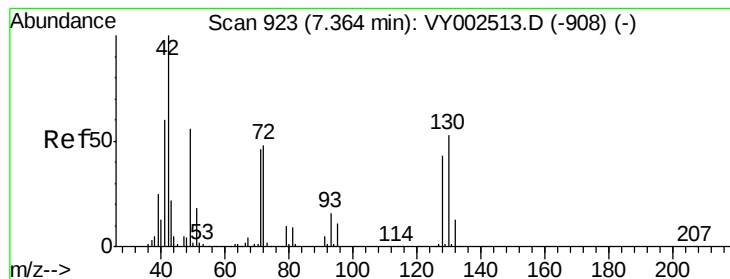
Bromochloromethane
Concen: 52.969 ug/l
RT: 7.35 min Scan# 920
Delta R.T. -0.01 min
Lab File: VY002575.D
Acq: 05 May 2020 10:15

Tgt Ion	49	Resp	130329
Ion Ratio	100	Lower	Upper
49	100	0.0	4.8
129	2.4	72.5	108.7
130	89.7		



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: 270.955 ug/l

RT: 7.36 min Scan# 922

Delta R.T. -0.01 min

Lab File: VY002575.D

Acq: 05 May 2020 10:15

Instrument :

MSVOA_Y

ClientSampleId :

BFB

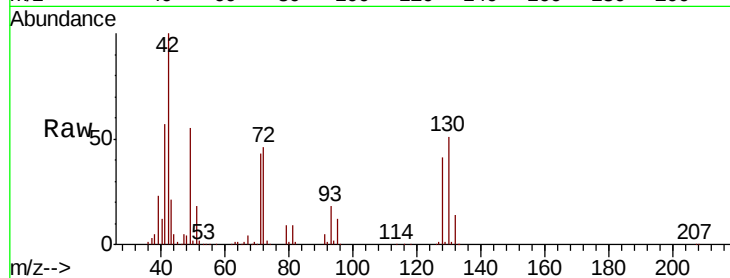
Tot Ion: 42 Resp: 203677

Ion Ratio Lower Upper

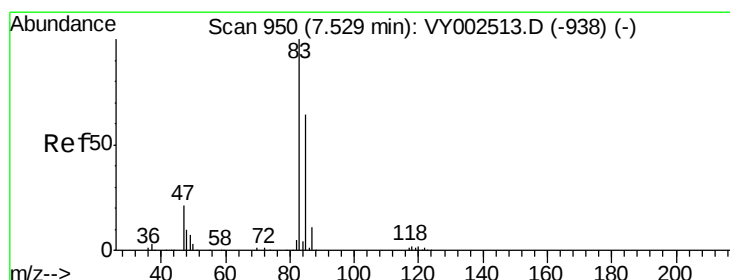
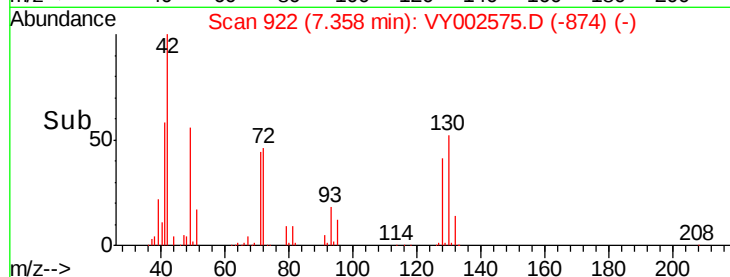
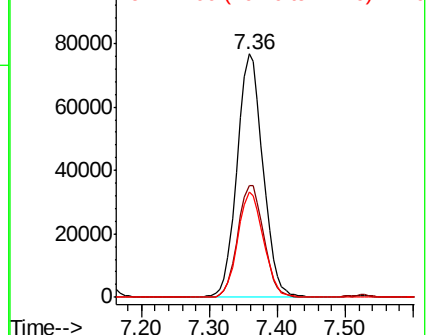
42 100

72 46.0 37.4 56.2

71 42.9 35.0 52.4



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: 50.406 ug/l

RT: 7.52 min Scan# 949

Delta R.T. -0.01 min

Lab File: VY002575.D

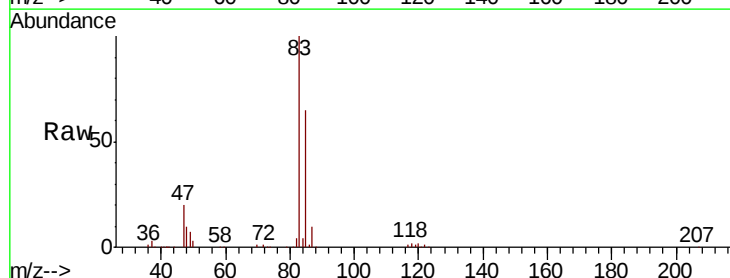
Acq: 05 May 2020 10:15

Tgt Ion: 83 Resp: 314744

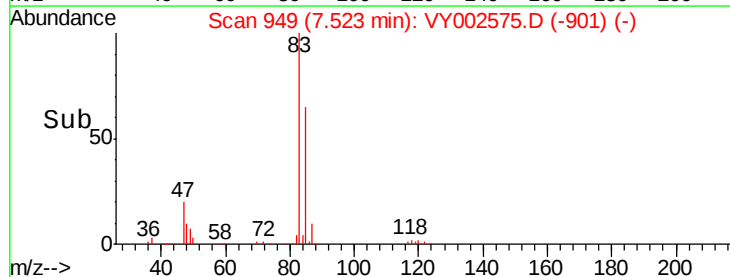
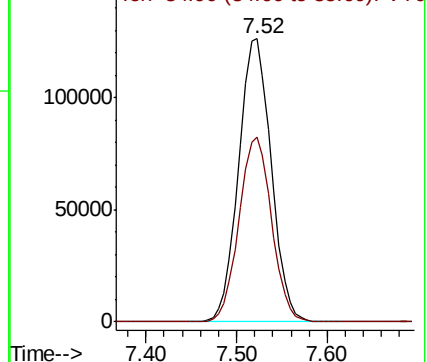
Ion Ratio Lower Upper

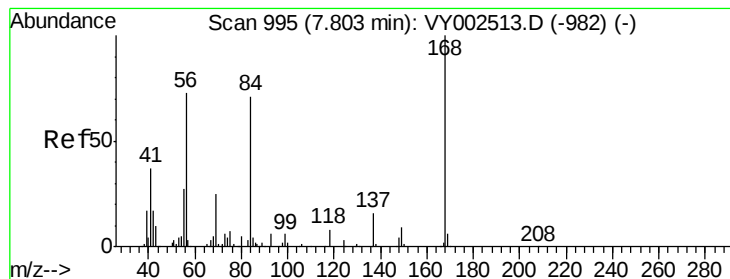
83 100

85 65.2 51.5 77.3



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





#31

Cyclohexane

Concen: 49.347 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY002575.D

Acq: 05 May 2020 10:15

Instrument :

MSVOA_Y

ClientSampleId :

BFB

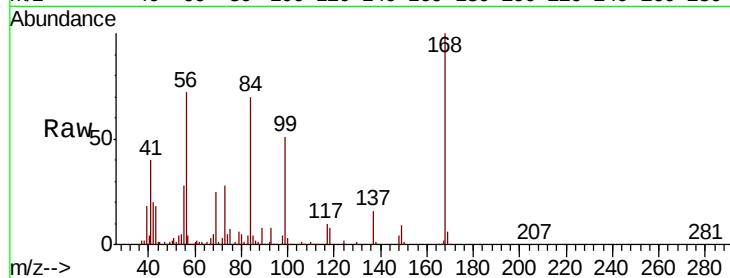
Tot Ion: 56 Resp: 298292

Ion Ratio Lower Upper

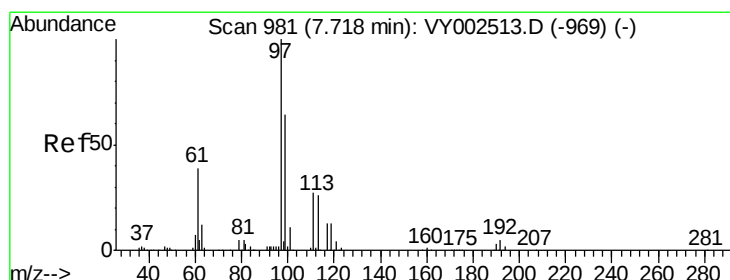
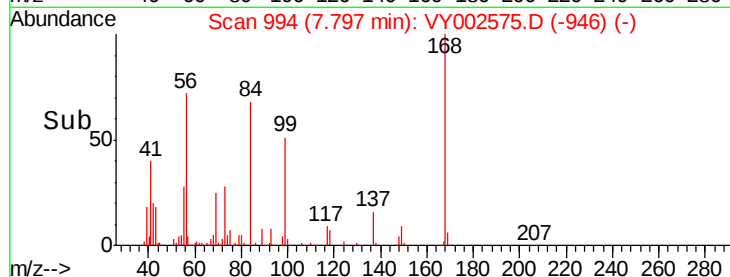
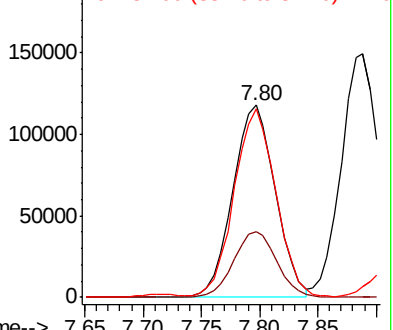
56 100

69 34.4 27.6 41.4

84 96.9 77.7 116.5



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: 49.938 ug/l

RT: 7.72 min Scan# 981

Delta R.T. -0.00 min

Lab File: VY002575.D

Acq: 05 May 2020 10:15

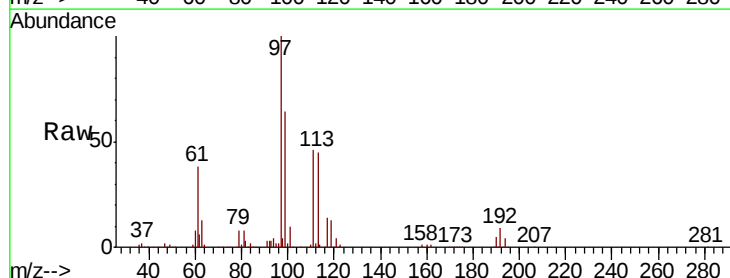
Tgt Ion: 97 Resp: 289827

Ion Ratio Lower Upper

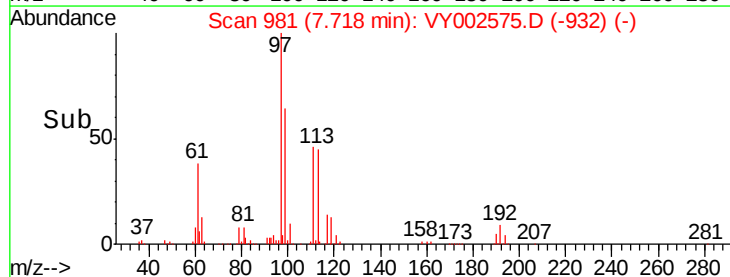
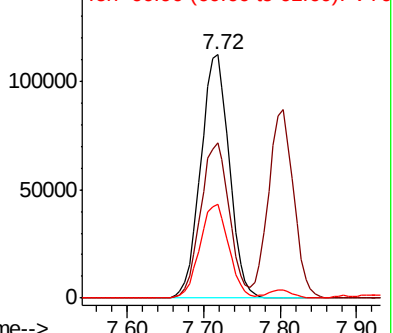
97 100

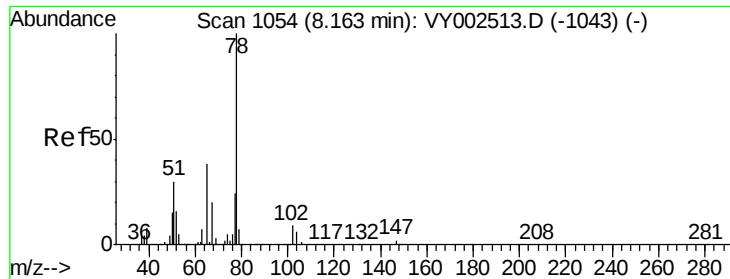
99 64.4 51.9 77.9

61 39.0 31.0 46.6



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

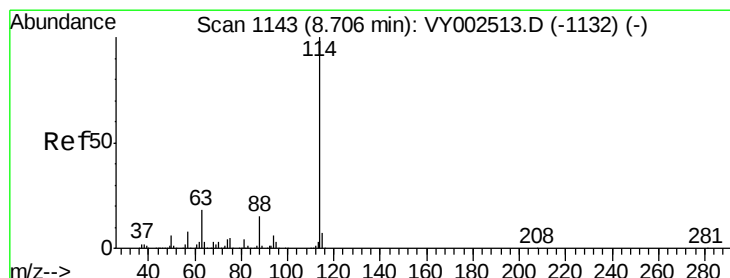
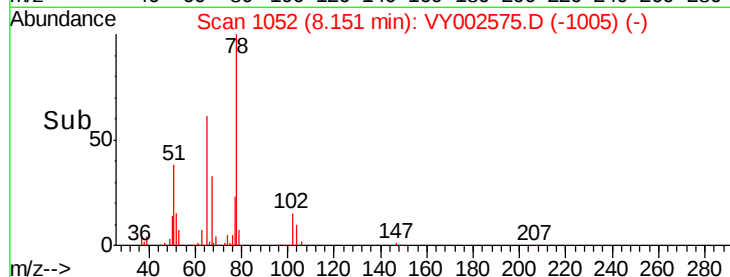
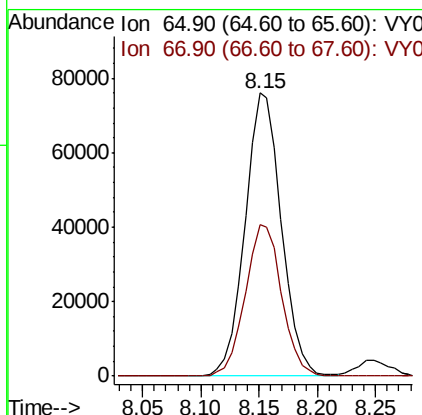
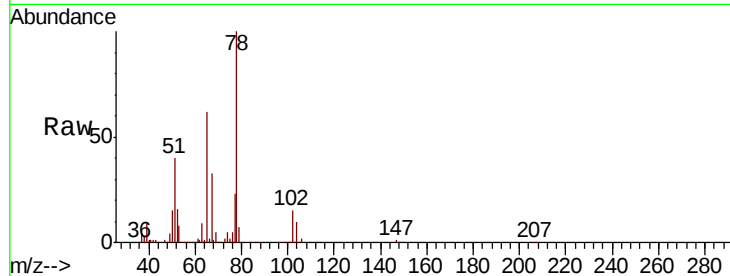




#33
 1,2-Dichloroethane-d4
 Concen: 49.067 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VY002575.D
 Acq: 05 May 2020 10:15

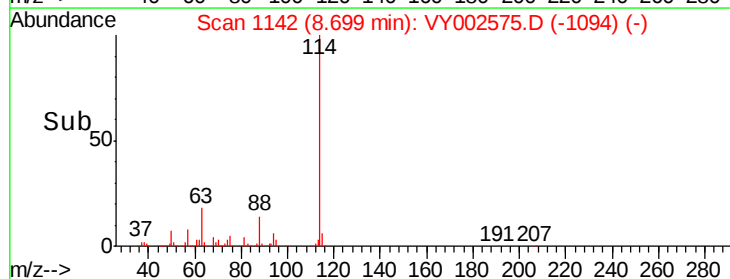
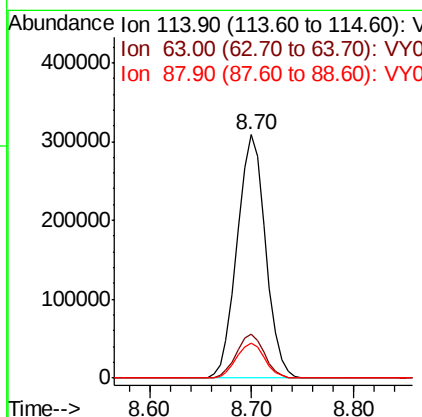
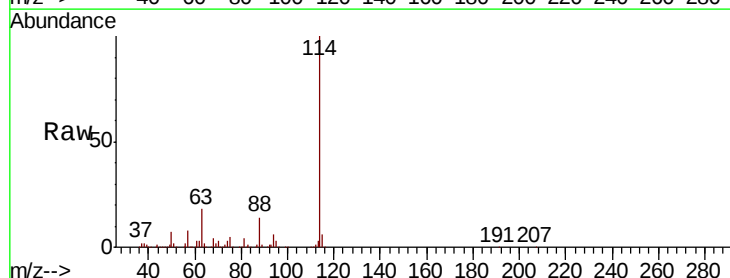
Instrument :
 MSVOA_Y
 ClientSampleId :
 BFB

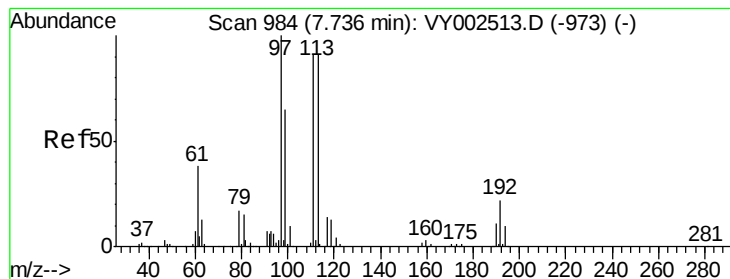
Tot Ion: 65 Resp: 165019
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY002575.D
 Acq: 05 May 2020 10:15

Tgt Ion: 114 Resp: 594053
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 36.4
 88 14.5 0.0 29.6





#35

Dibromofluoromethane

Concen: 50.589 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.01 min

Lab File: VY002575.D

Acq: 05 May 2020 10:15

Instrument :

MSVOA_Y

ClientSampleId :

BFB

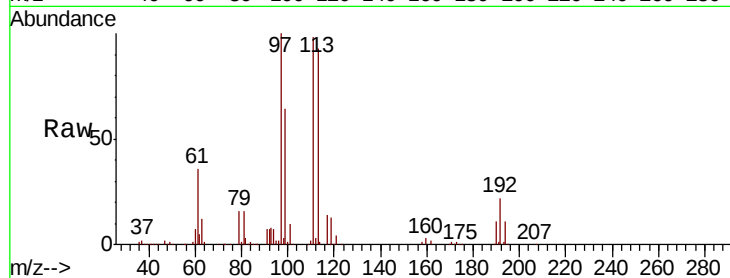
Tot Ion:113 Resp: 171871

Ion Ratio Lower Upper

113 100

111 102.3 81.8 122.6

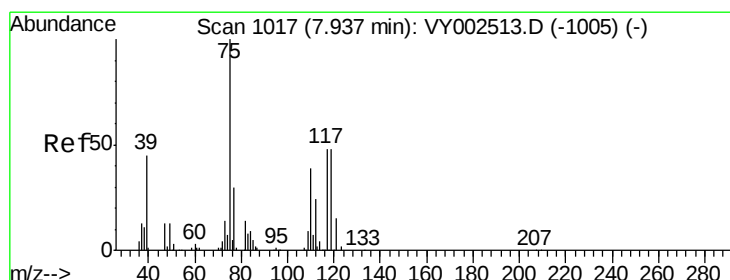
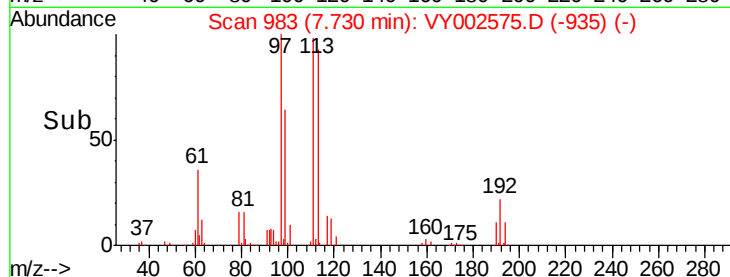
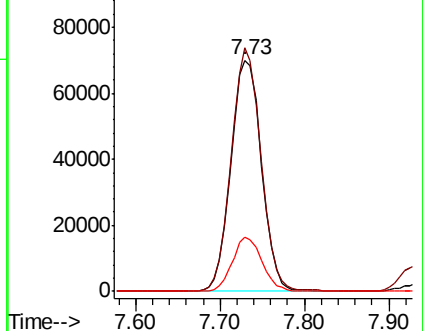
192 22.4 18.2 27.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 51.089 ug/l

RT: 7.93 min Scan# 1015

Delta R.T. -0.01 min

Lab File: VY002575.D

Acq: 05 May 2020 10:15

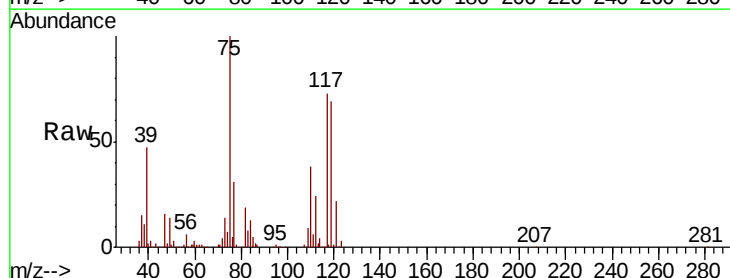
Tgt Ion: 75 Resp: 254422

Ion Ratio Lower Upper

75 100

110 38.5 19.1 57.3

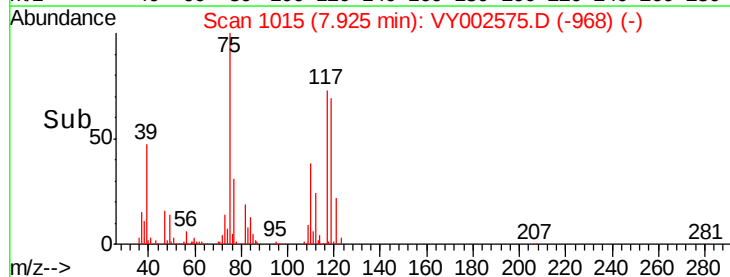
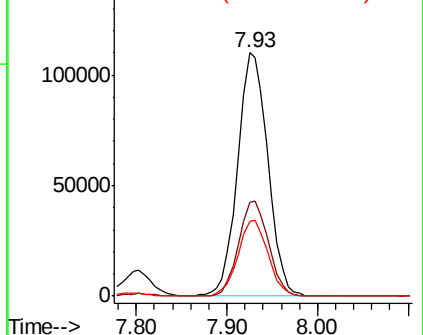
77 31.2 24.6 37.0

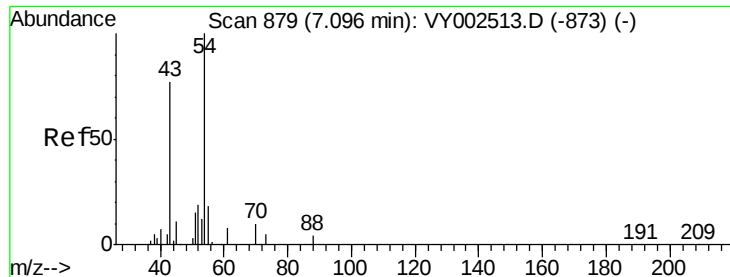


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

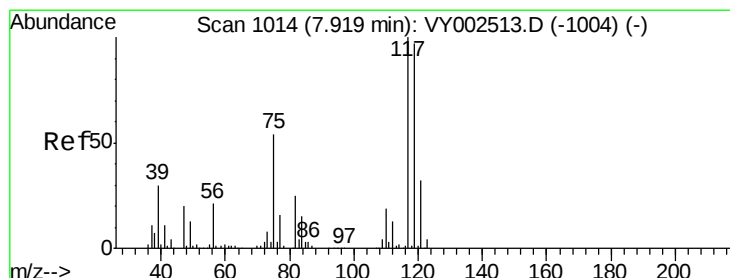
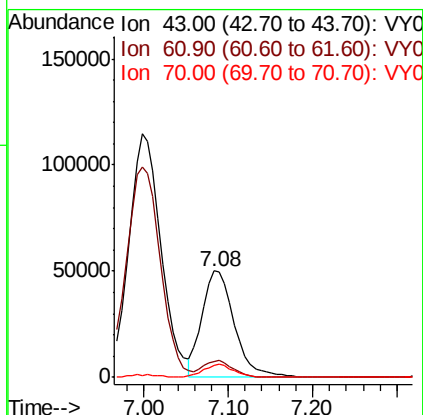
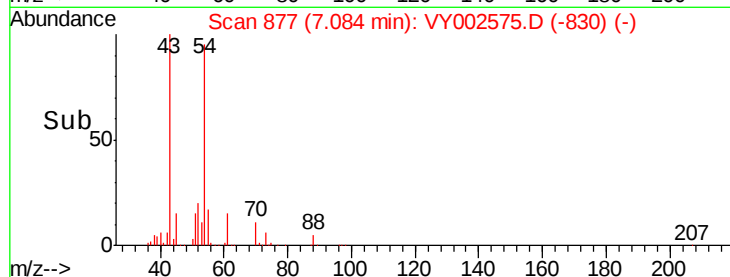
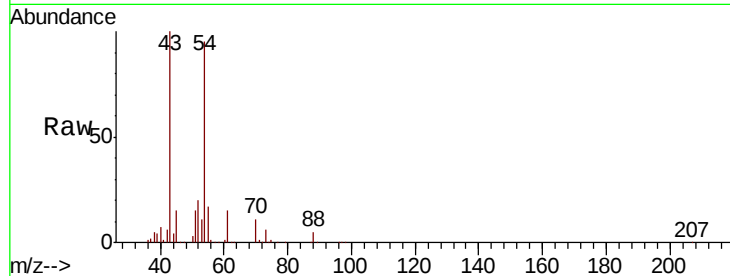




#37
Ethyl Acetate
Concen: 52.191 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY002575.D
Acq: 05 May 2020 10:15

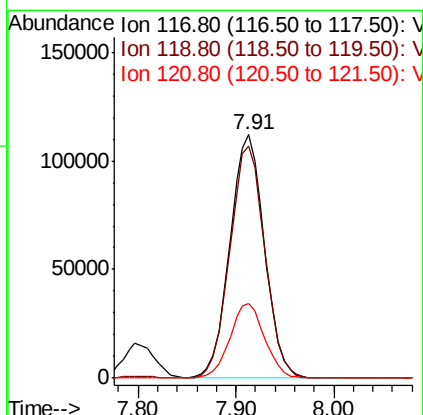
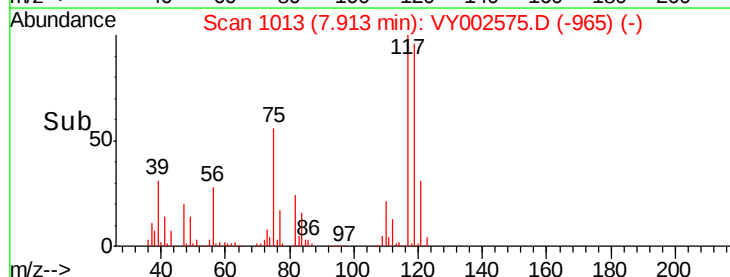
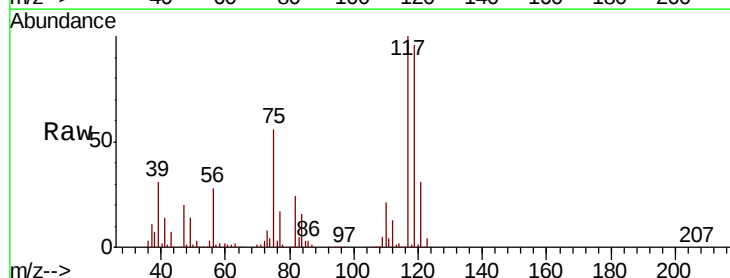
Instrument :
MSVOA_Y
ClientSampleId :
BFB

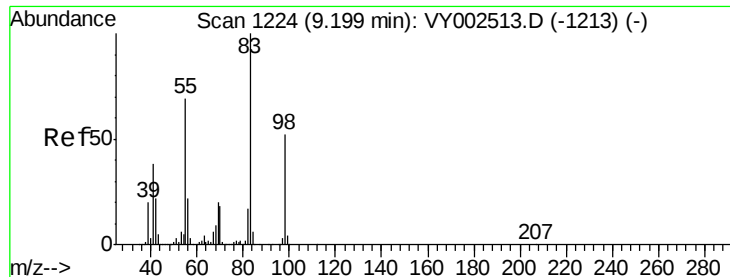
Tot Ion: 43 Resp: 133563
Ion Ratio Lower Upper
43 100
61 14.6 11.6 17.4
70 11.5 9.0 13.6



#38
Carbon Tetrachloride
Concen: 50.286 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. -0.01 min
Lab File: VY002575.D
Acq: 05 May 2020 10:15

Tgt Ion: 117 Resp: 273403
Ion Ratio Lower Upper
117 100
119 95.6 77.1 115.7
121 30.8 25.2 37.8

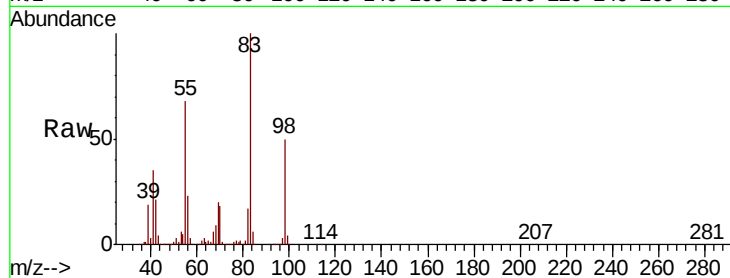




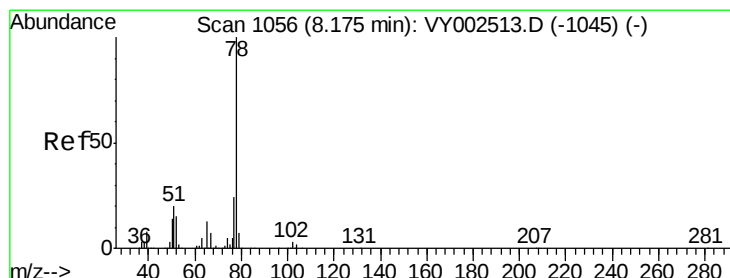
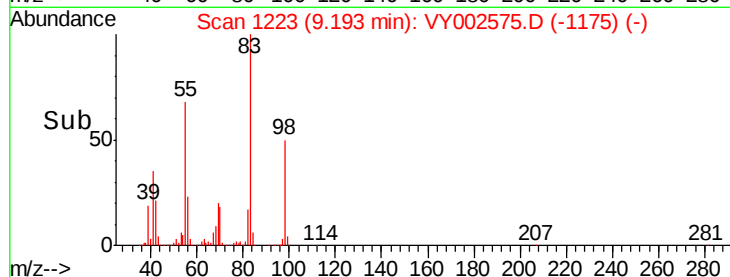
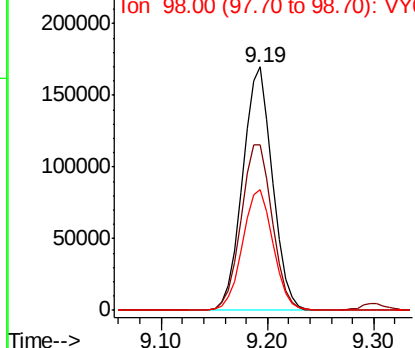
#39
Methvlcvclohexane
Concen: 50.755 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. -0.01 min
Lab File: VY002575.D
Acq: 05 May 2020 10:15

Instrument :
MSVOA_Y
ClientSampled :
BFB

Tot Ion: 83 Resp: 333844
Ion Ratio Lower Upper
83 100
55 67.8 55.4 83.0
98 49.8 41.3 61.9

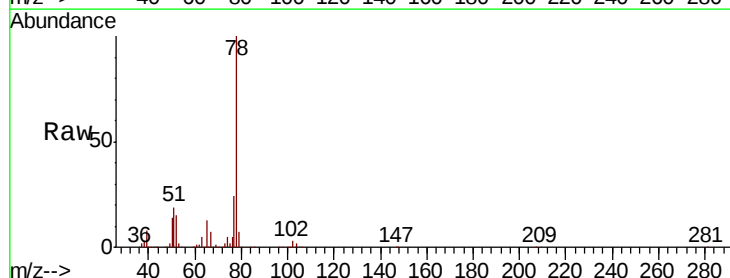


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

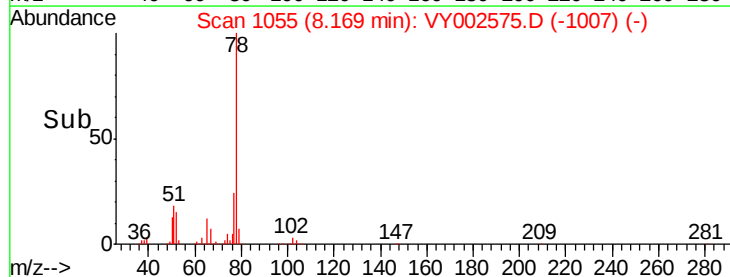
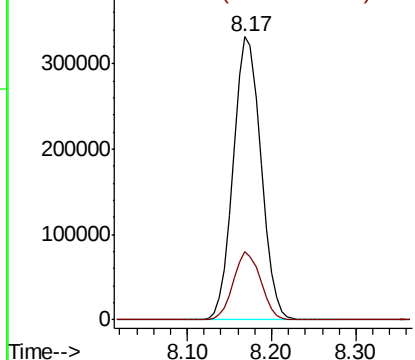


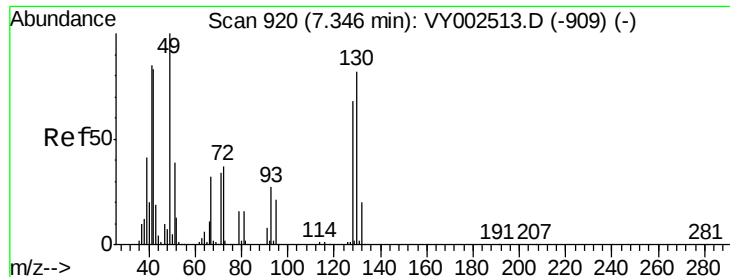
#40
Benzene
Concen: 51.072 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.01 min
Lab File: VY002575.D
Acq: 05 May 2020 10:15

Tgt Ion: 78 Resp: 734590
Ion Ratio Lower Upper
78 100
77 24.2 19.2 28.8



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

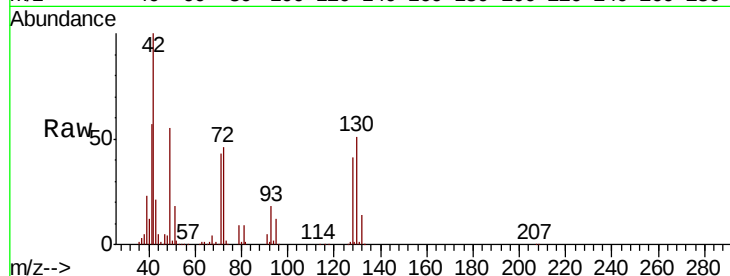




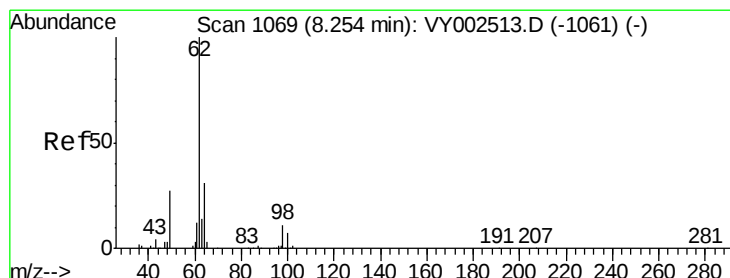
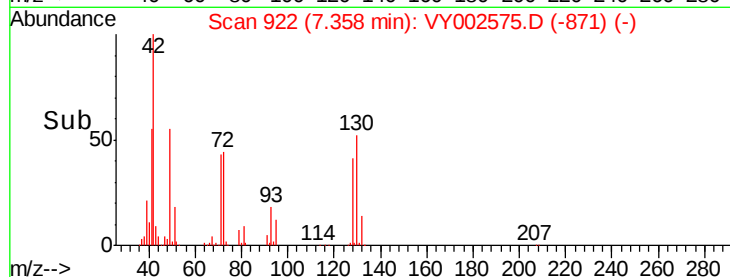
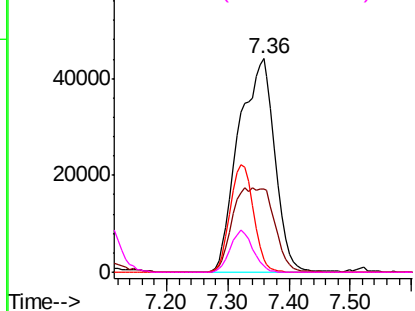
#41
Methacrylonitrile
Concen: 132.194 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.01 min
Lab File: VY002575.D
Acq: 05 May 2020 10:15

Instrument :
MSVOA_Y
ClientSampleId :
BFB

Tot Ion:	41	Resp:	181892
Ion	Ratio	Lower	Upper
41	100		
39	0.0	83.1	124.7#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

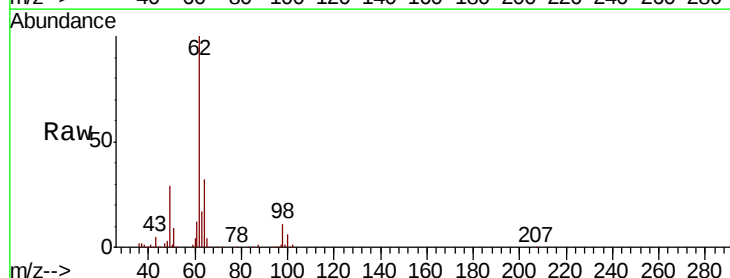


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

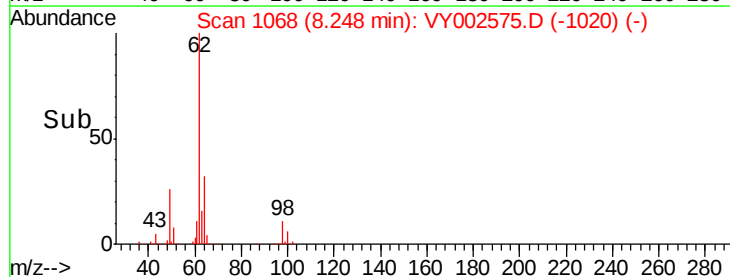
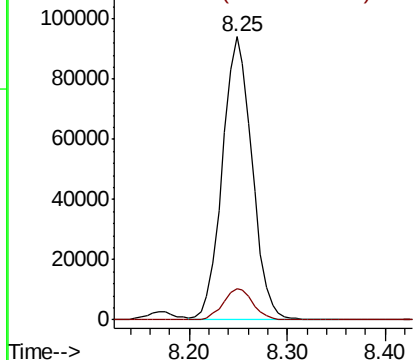


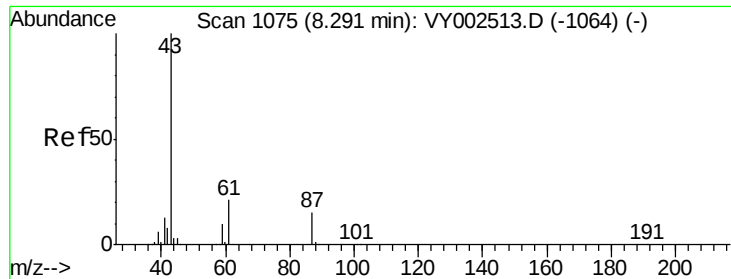
#42
1,2-Dichloroethane
Concen: 49.196 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. -0.01 min
Lab File: VY002575.D
Acq: 05 May 2020 10:15

Tgt Ion:	62	Resp:	198482
Ion	Ratio	Lower	Upper
62	100		
98	11.1	0.0	21.0



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



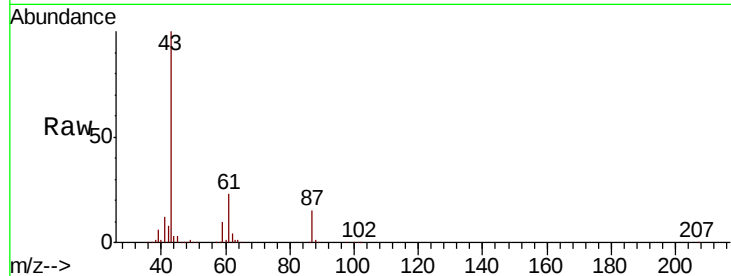


#43

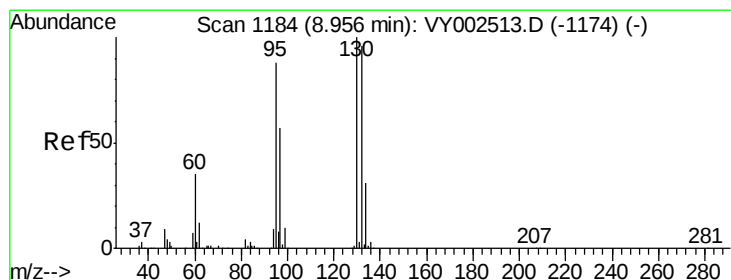
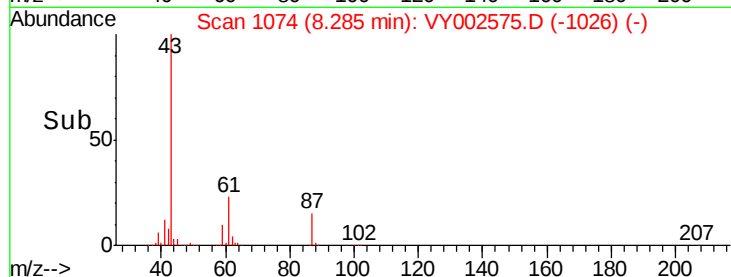
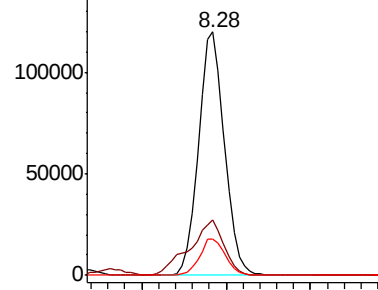
Isopropyl Acetate
 Concen: 52.240 ug/l
 RT: 8.28 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VY002575.D
 Acq: 05 May 2020 10:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 BFB

Tot Ion: 43 Resp: 250626
 Ion Ratio Lower Upper
 43 100
 61 30.2 24.8 37.2
 87 15.0 12.2 18.2



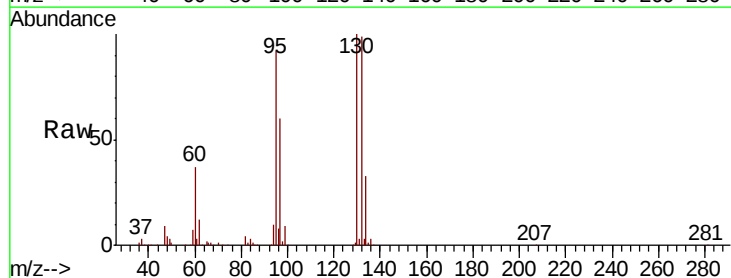
Abundance Ion 43.00 (42.70 to 43.70): VY0
 Ion 61.00 (60.70 to 61.70): VY0
 Ion 87.00 (86.70 to 87.70): VY0



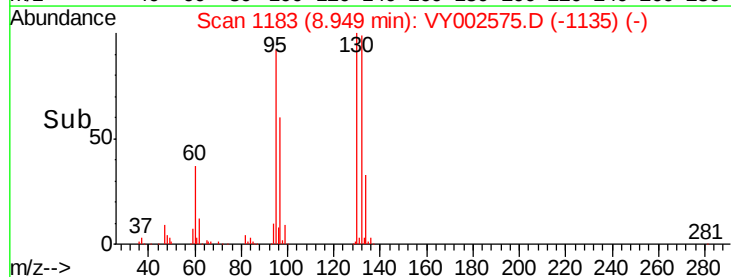
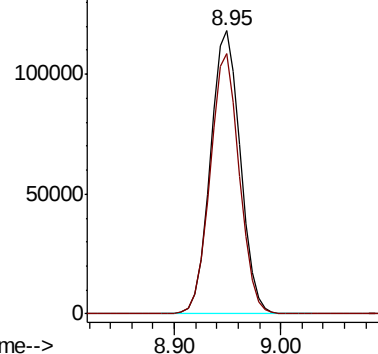
#44

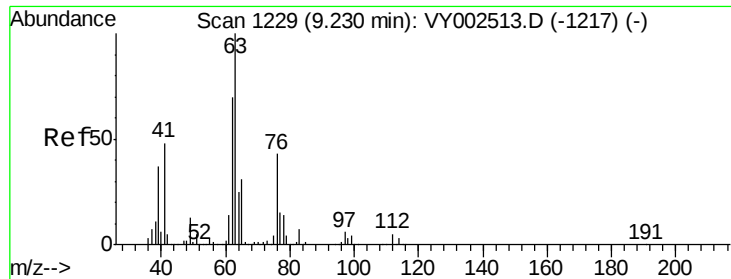
Trichloroethene
 Concen: 51.784 ug/l
 RT: 8.95 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: VY002575.D
 Acq: 05 May 2020 10:15

Tgt Ion: 130 Resp: 232771
 Ion Ratio Lower Upper
 130 100
 95 91.9 0.0 175.8



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

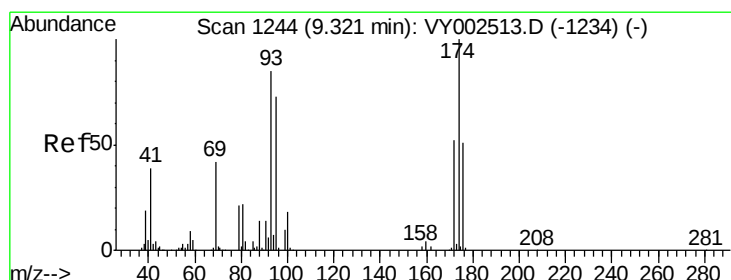
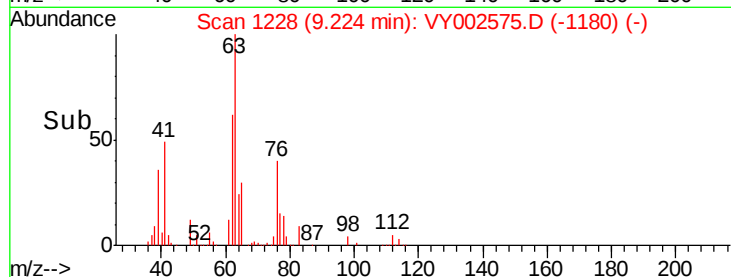
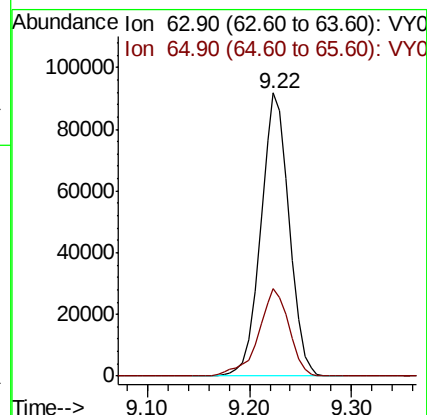
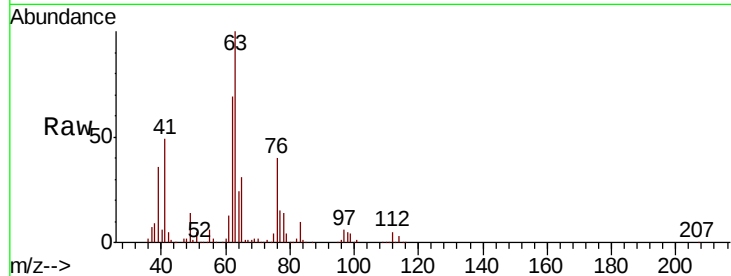




#45
 1,2-Dichloropropane
 Concen: 50.993 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: VY002575.D
 Acq: 05 May 2020 10:15

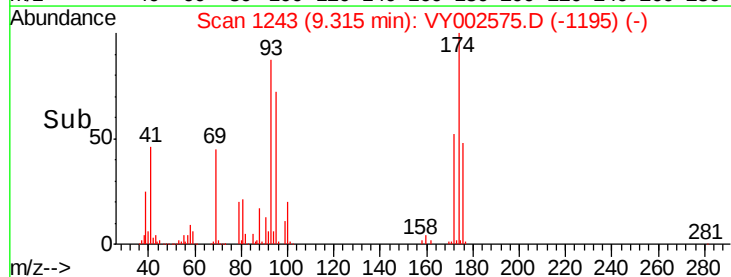
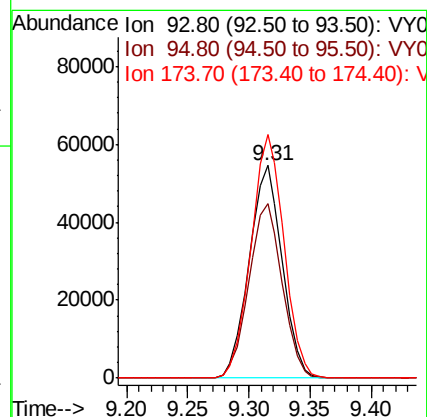
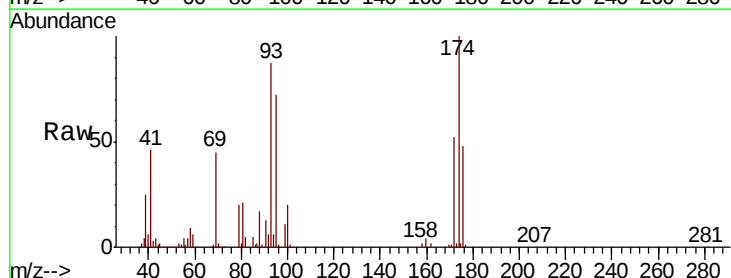
Instrument :
 MSVOA_Y
 ClientSampled :
 BFB

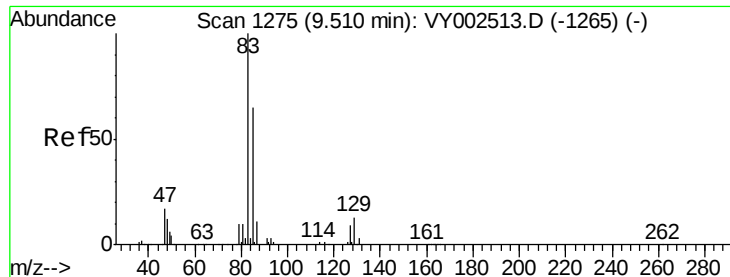
Tot Ion: 63 Resp: 177016
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.5 36.7



#46
 Dibromomethane
 Concen: 51.240 ug/l
 RT: 9.31 min Scan# 1243
 Delta R.T. -0.01 min
 Lab File: VY002575.D
 Acq: 05 May 2020 10:15

Tgt Ion: 93 Resp: 102340
 Ion Ratio Lower Upper
 93 100
 95 83.0 67.0 100.4
 174 114.6 92.7 139.1





#47

Bromodichloromethane

Concen: 50.630 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.01 min

Lab File: VY002575.D

Acq: 05 May 2020 10:15

Instrument :

MSVOA_Y

ClientSampleId :

BFB

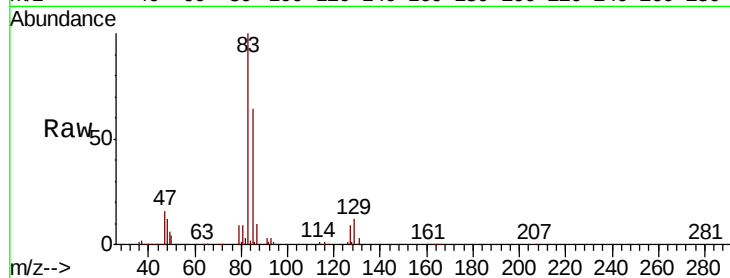
Tot Ion: 83 Resp: 245880

Ion Ratio Lower Upper

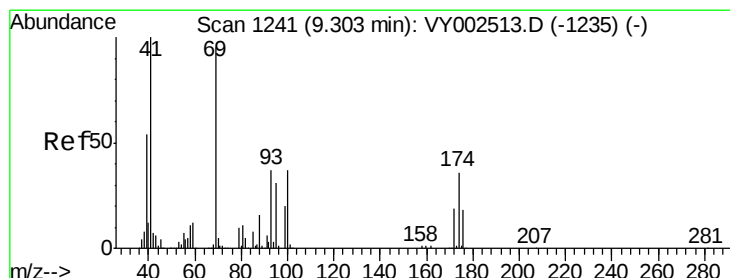
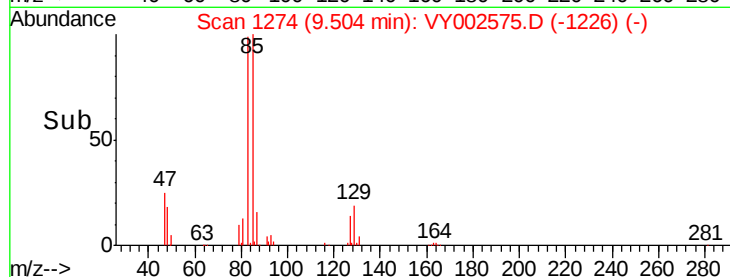
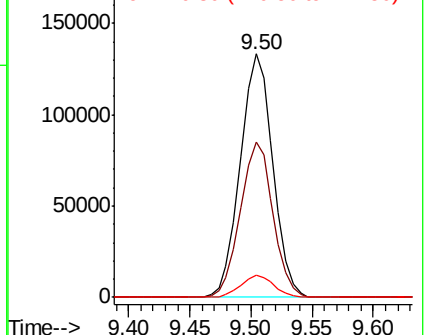
83 100

85 63.9 51.8 77.8

127 9.2 7.4 11.0



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



#48

Methyl methacrylate

Concen: 52.420 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. -0.00 min

Lab File: VY002575.D

Acq: 05 May 2020 10:15

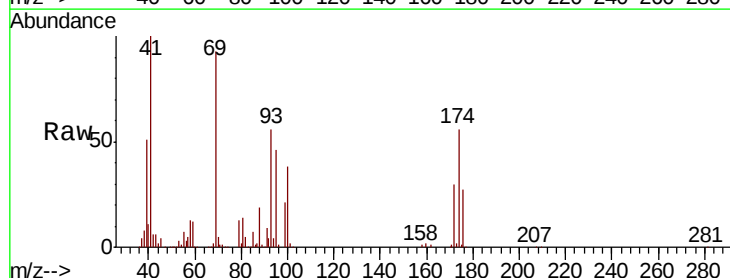
Tgt Ion: 41 Resp: 113817

Ion Ratio Lower Upper

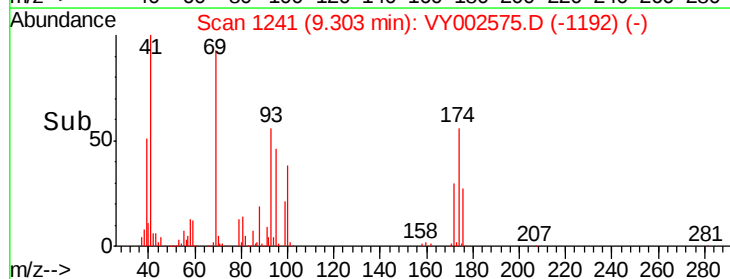
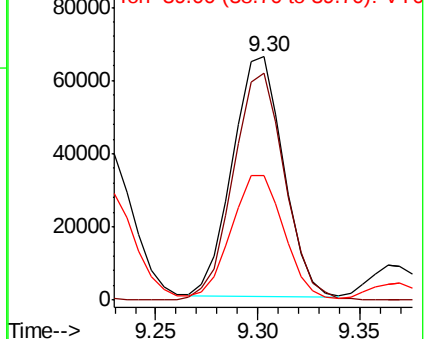
41 100

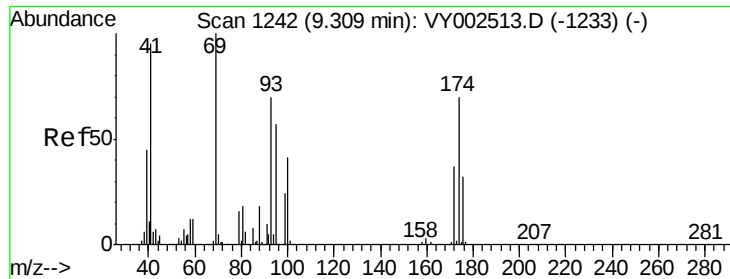
69 95.9 76.2 114.4

39 52.5 42.7 64.1



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

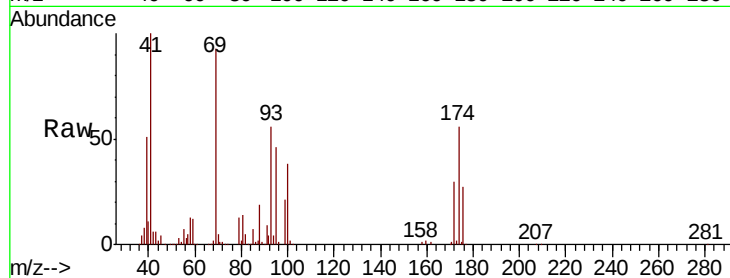




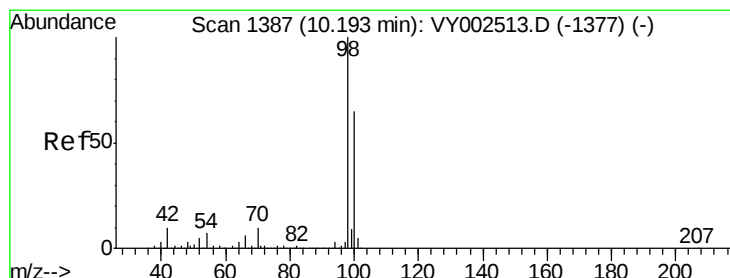
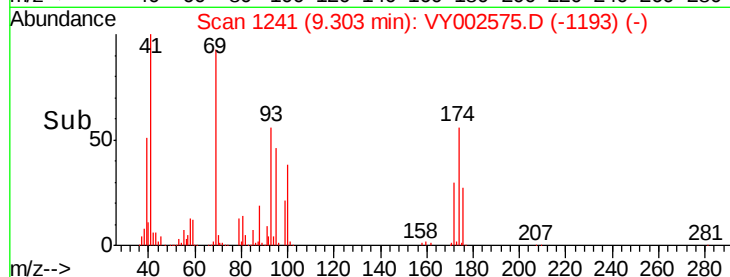
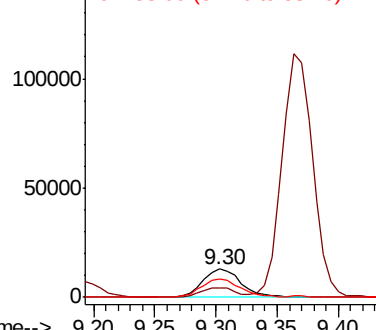
#49
1,4-Dioxane
Concen: 1079.353 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VY002575.D
Acq: 05 May 2020 10:15

Instrument :
MSVOA_Y
ClientSampleId :
BFB

Tot Ion: 88 Resp: 28543
Ion Ratio Lower Upper
88 100
43 29.8 22.8 34.2
58 64.9 51.4 77.2

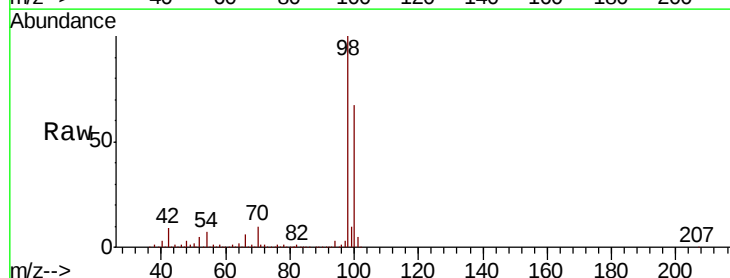


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

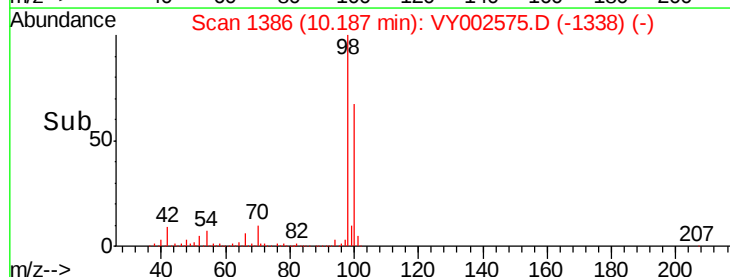
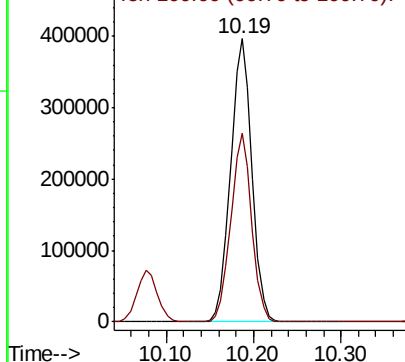


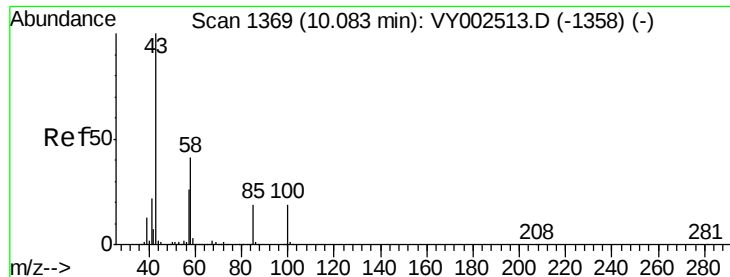
#50
Toluene-d8
Concen: 50.407 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.01 min
Lab File: VY002575.D
Acq: 05 May 2020 10:15

Tgt Ion: 98 Resp: 668766
Ion Ratio Lower Upper
98 100
100 65.4 52.2 78.2



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





#51

4-Methyl-2-Pentanone

Concen: 264.737 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. -0.01 min

Lab File: VY002575.D

Acq: 05 May 2020 10:15

Instrument :

MSVOA_Y

ClientSampled :

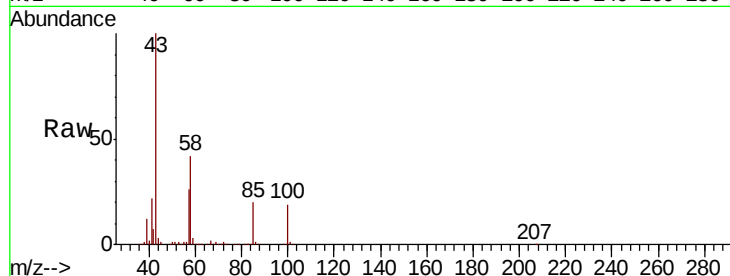
BFB

Tot Ion: 43 Resp: 654657

Ion Ratio Lower Upper

43 100

58 41.9 33.2 49.8



Abundance Ion 43.00 (42.70 to 43.70): VY002513.D (-1358) (-)

Ion 58.00 (57.70 to 58.70): VY002513.D (-1358) (-)

10.08

400000

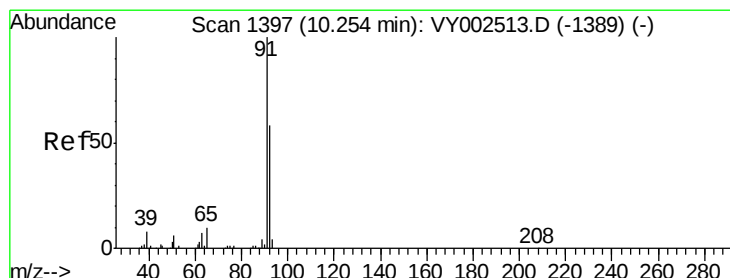
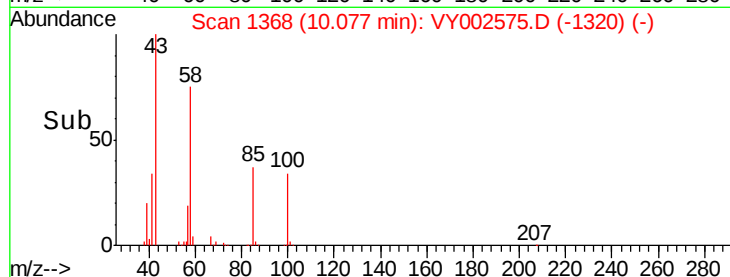
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 50.845 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. -0.01 min

Lab File: VY002575.D

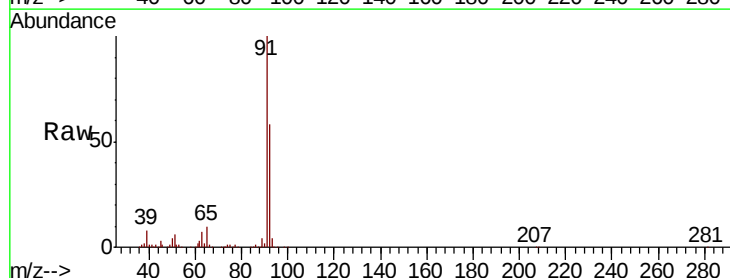
Acq: 05 May 2020 10:15

Tgt Ion: 92 Resp: 469997

Ion Ratio Lower Upper

92 100

91 173.3 139.3 208.9



Abundance Ion 92.00 (91.70 to 92.70): VY002513.D (-1389) (-)

Ion 91.00 (90.70 to 91.70): VY002513.D (-1389) (-)

10.25

500000

400000

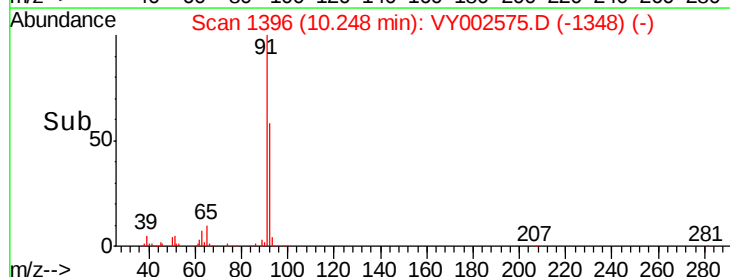
300000

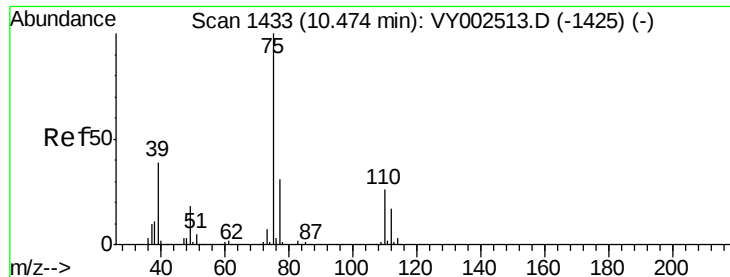
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 51.029 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. -0.00 min

Lab File: VY002575.D

Acq: 05 May 2020 10:15

Instrument :

MSVOA_Y

ClientSampleId :

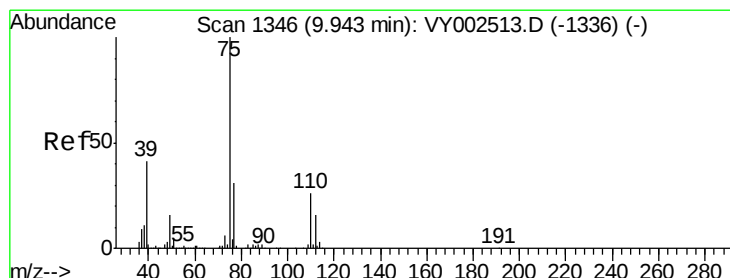
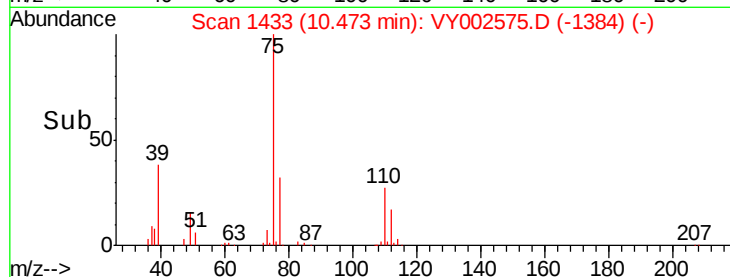
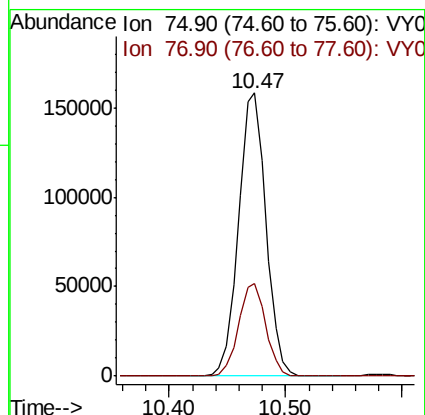
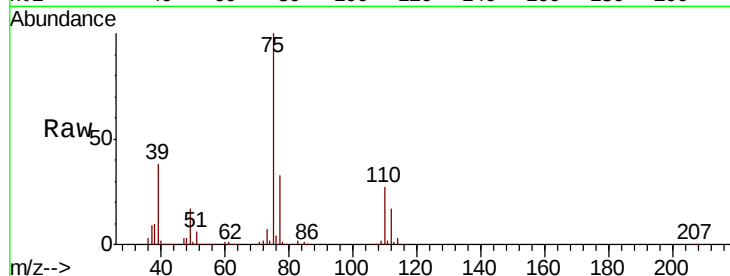
BFB

Tot Ion: 75 Resp: 259655

Ion Ratio Lower Upper

75 100

77 32.5 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 51.616 ug/l

RT: 9.94 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VY002575.D

Acq: 05 May 2020 10:15

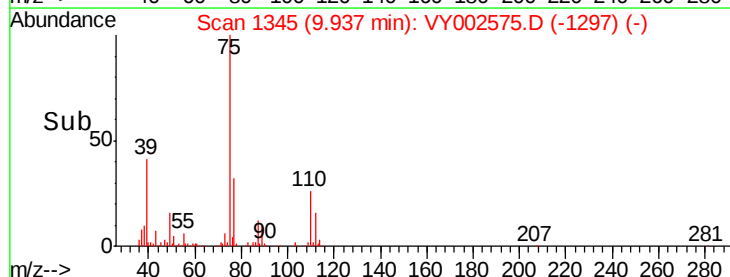
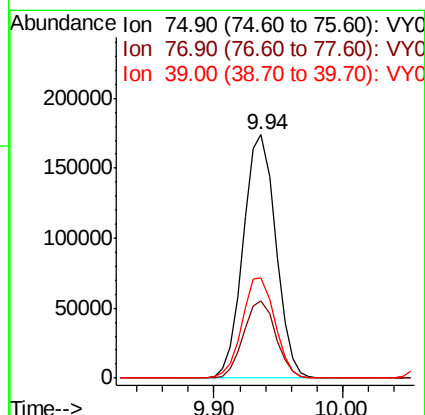
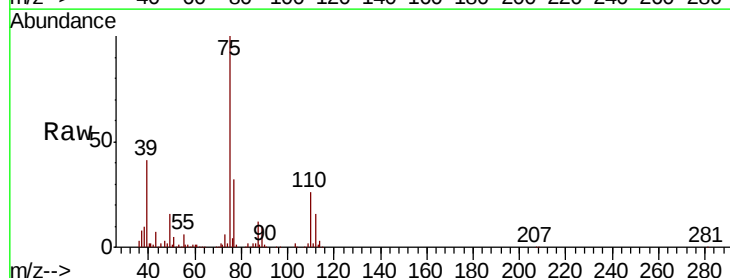
Tgt Ion: 75 Resp: 303624

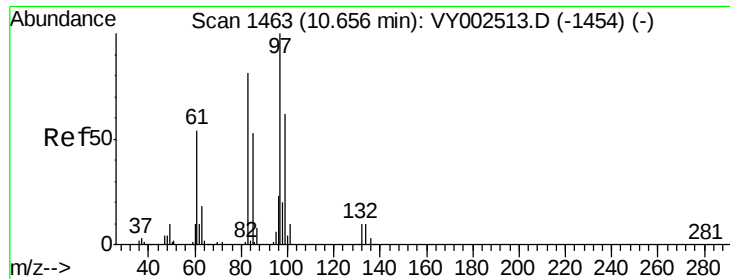
Ion Ratio Lower Upper

75 100

77 31.6 25.1 37.7

39 40.9 32.7 49.1





#55

1,1,2-Trichloroethane

Concen: 50.822 ug/l

RT: 10.65 min Scan# 1462

Delta R.T. -0.01 min

Lab File: VY002575.D

Acq: 05 May 2020 10:15

Instrument :

MSVOA_Y

ClientSampled :

BFB

Tot Ion: 97 Resp: 148023

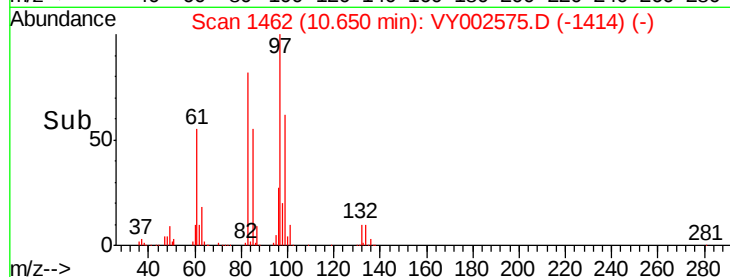
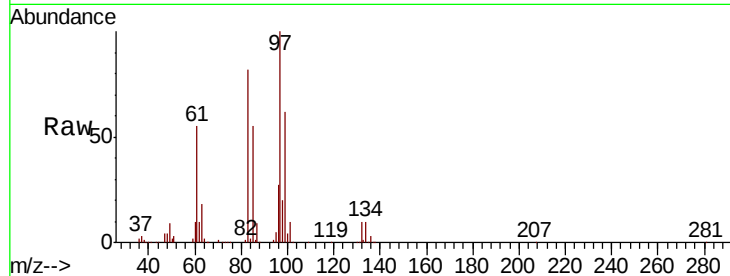
Ion Ratio Lower Upper

97 100

83 82.3 65.1 97.7

85 54.6 42.7 64.1

99 62.0 50.0 75.0

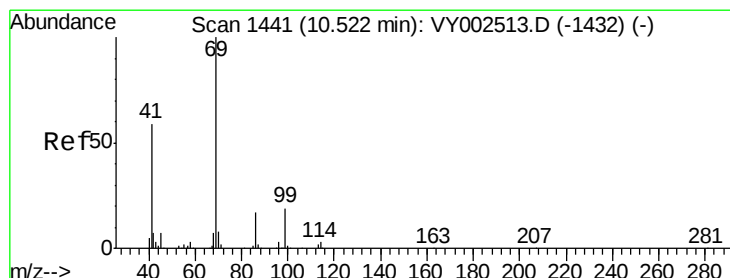
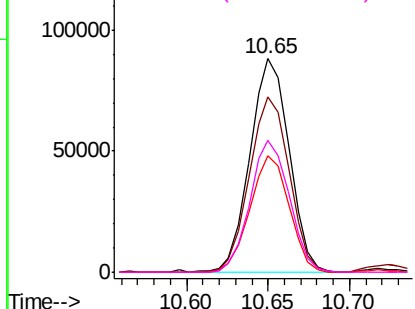


Abundance Ion 96.90 (96.60 to 97.60): VY0

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: 53.606 ug/l

RT: 10.52 min Scan# 1440

Delta R.T. -0.01 min

Lab File: VY002575.D

Acq: 05 May 2020 10:15

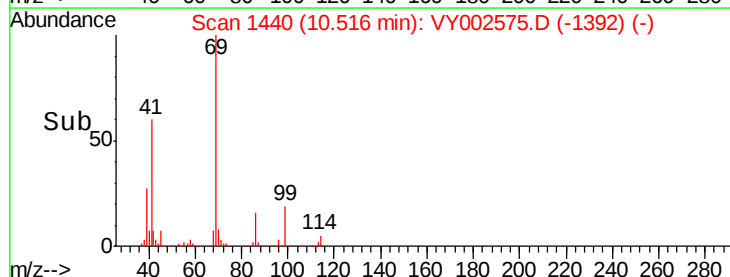
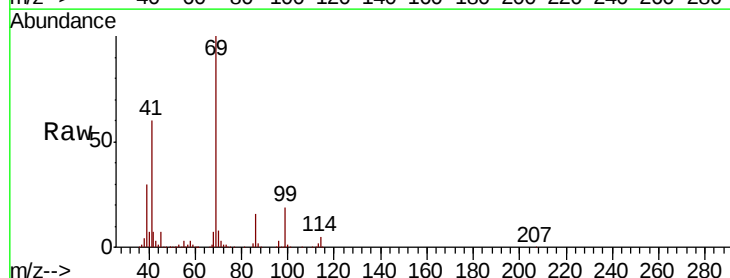
Tgt Ion: 69 Resp: 207704

Ion Ratio Lower Upper

69 100

41 59.9 48.6 73.0

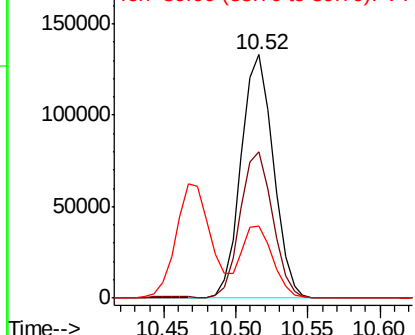
39 30.1 25.0 37.4

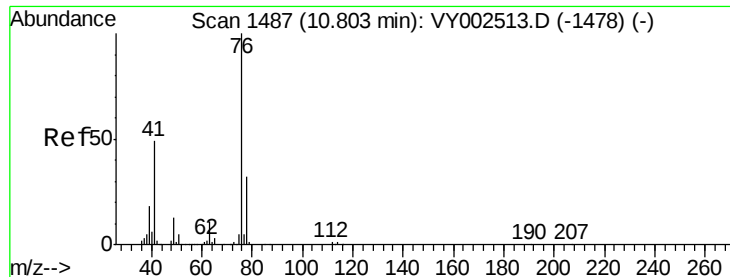


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#57

1,3-Dichloropropane

Concen: 50.577 ug/l

RT: 10.80 min Scan# 1486

Delta R.T. -0.01 min

Lab File: VY002575.D

Acq: 05 May 2020 10:15

Instrument :

MSVOA_Y

ClientSampleId :

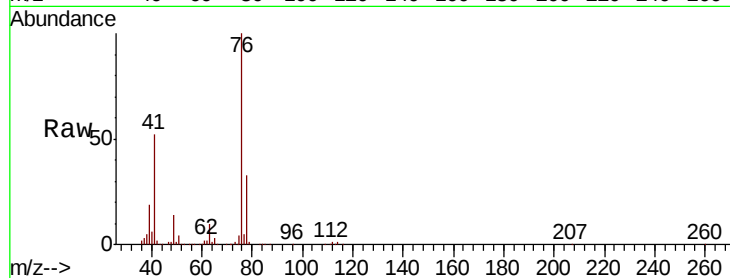
BFB

Tot Ion: 76 Resp: 249812

Ion Ratio Lower Upper

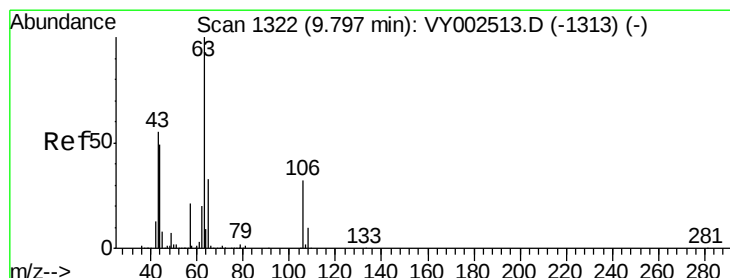
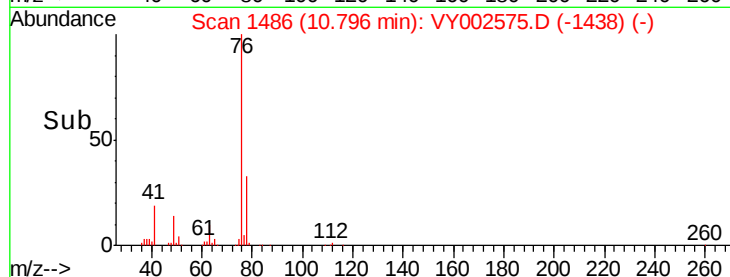
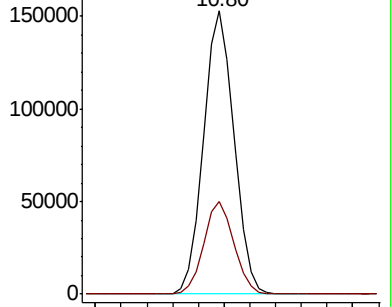
76 100

78 32.4 25.4 38.2



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 258.849 ug/l

RT: 9.79 min Scan# 1321

Delta R.T. -0.01 min

Lab File: VY002575.D

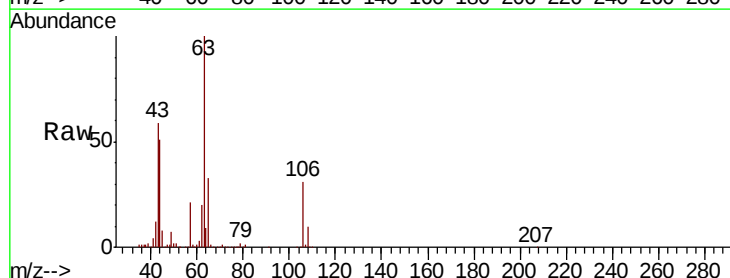
Acq: 05 May 2020 10:15

Tgt Ion: 63 Resp: 528907

Ion Ratio Lower Upper

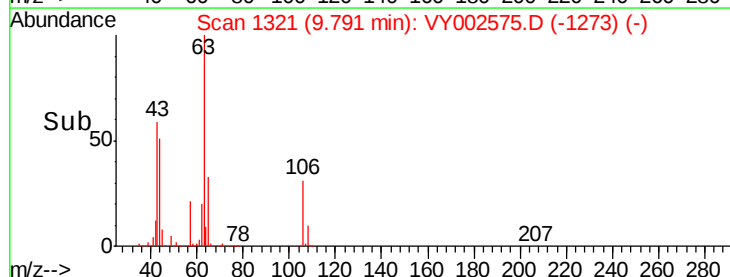
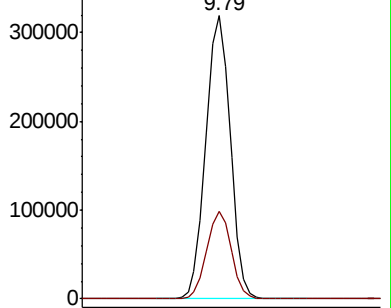
63 100

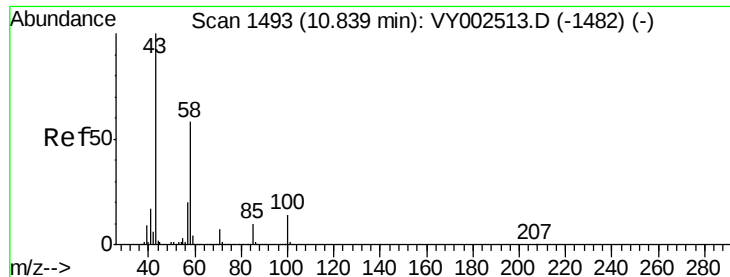
106 31.0 25.2 37.8



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

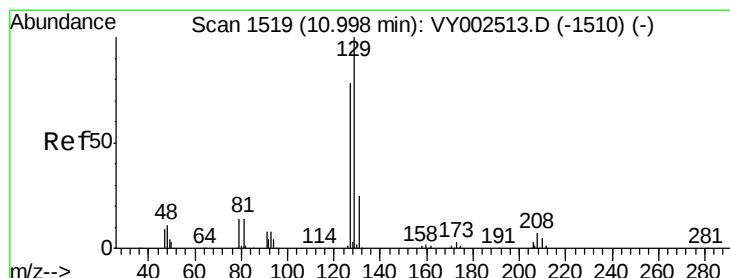
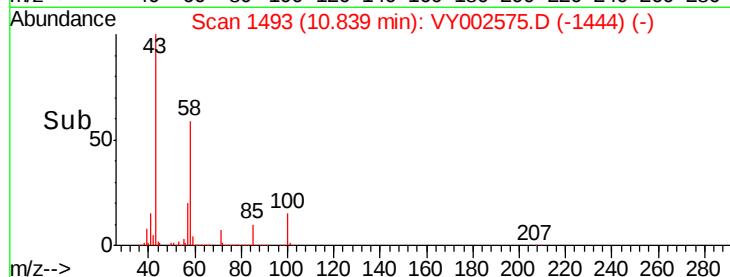
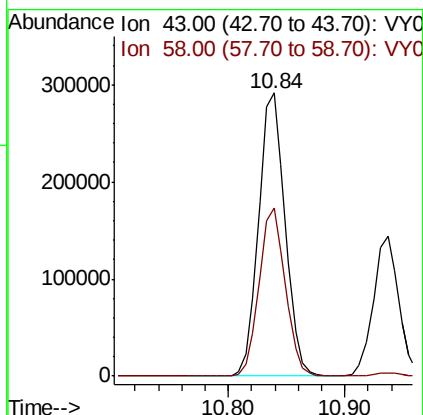
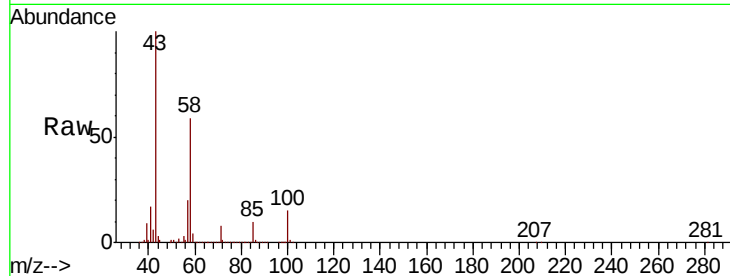




#59
2-Hexanone
Concen: 271.159 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VY002575.D
Acq: 05 May 2020 10:15

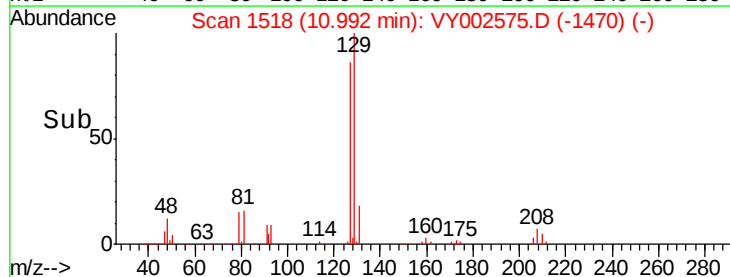
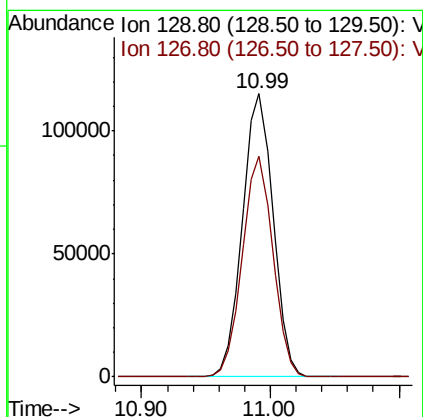
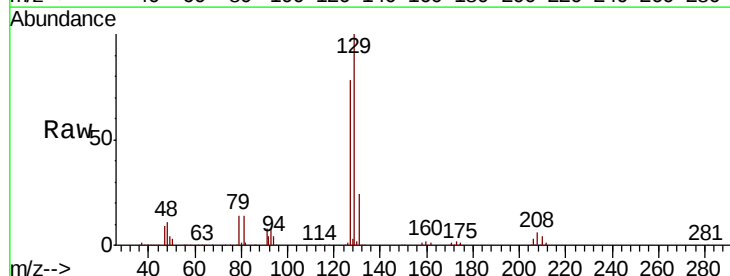
Instrument :
MSVOA_Y
ClientSampleId :
BFB

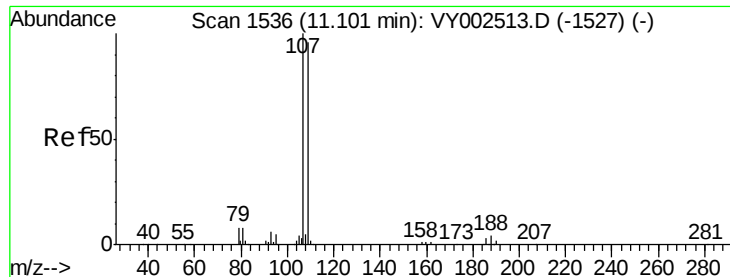
Tot Ion: 43 Resp: 461511
Ion Ratio Lower Upper
43 100
58 58.4 29.1 87.3



#60
Dibromochloromethane
Concen: 51.130 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. -0.01 min
Lab File: VY002575.D
Acq: 05 May 2020 10:15

Tgt Ion: 129 Resp: 189408
Ion Ratio Lower Upper
129 100
127 77.5 39.0 117.0

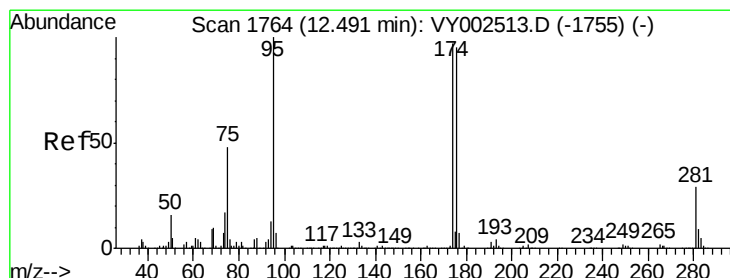
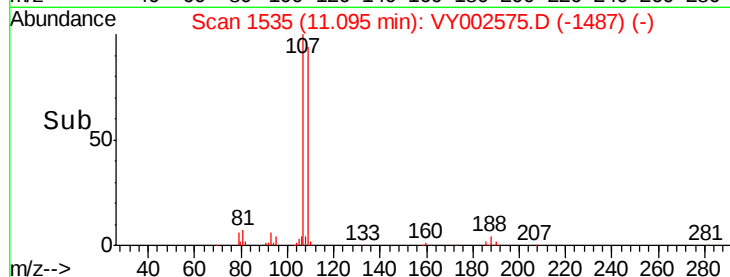
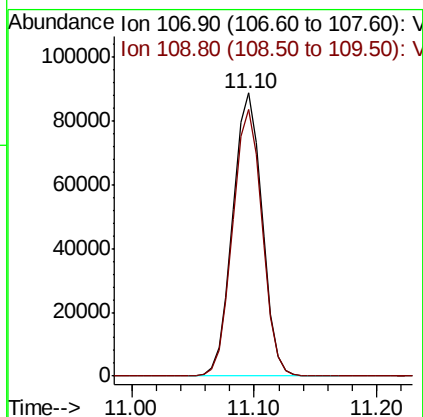
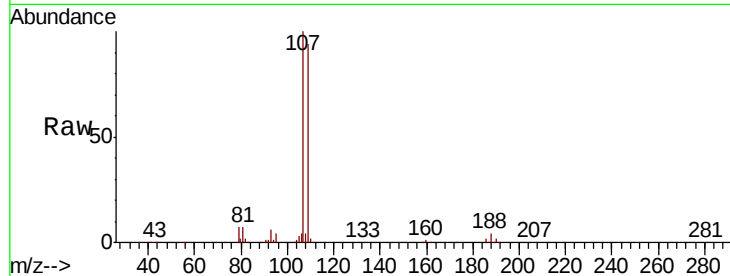




#61
 1,2-Dibromoethane
 Concen: 50.934 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. -0.01 min
 Lab File: VY002575.D
 Acq: 05 May 2020 10:15

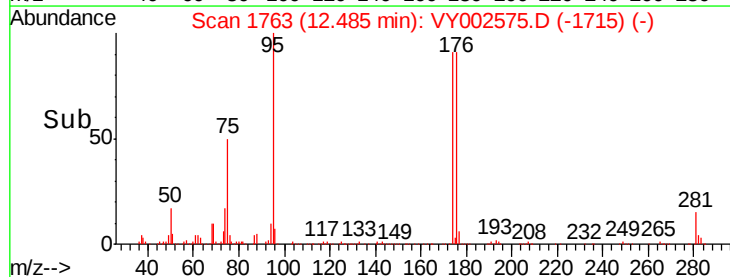
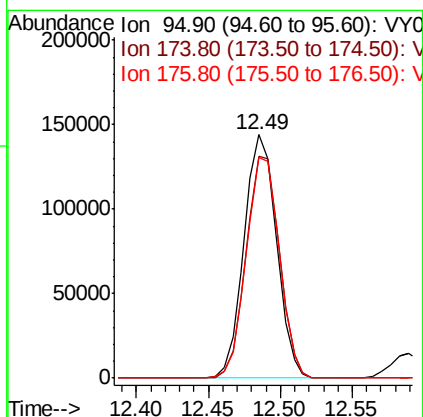
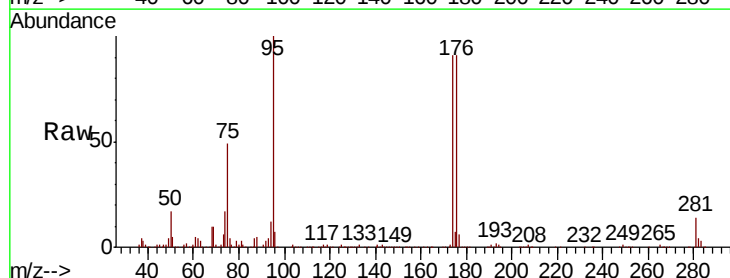
Instrument :
 MSVOA_Y
 ClientSampleId :
 BFB

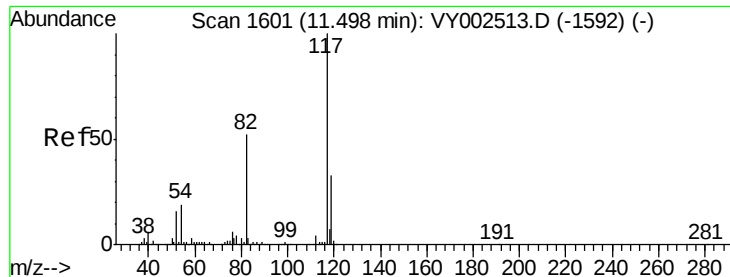
Tot Ion: 107 Resp: 146892
 Ion Ratio Lower Upper
 107 100
 109 94.7 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 49.906 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. -0.01 min
 Lab File: VY002575.D
 Acq: 05 May 2020 10:15

Tgt Ion: 95 Resp: 224672
 Ion Ratio Lower Upper
 95 100
 174 93.3 0.0 188.8
 176 92.2 0.0 183.2

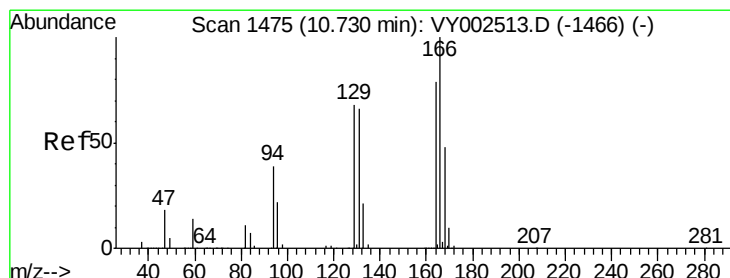
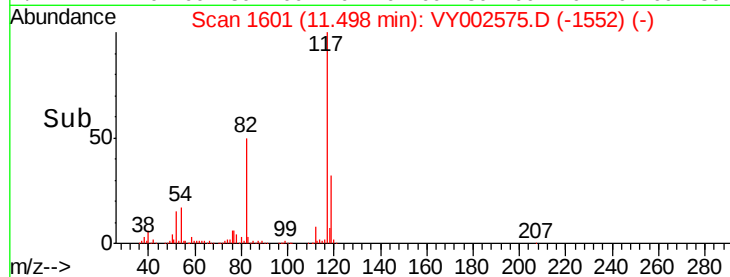
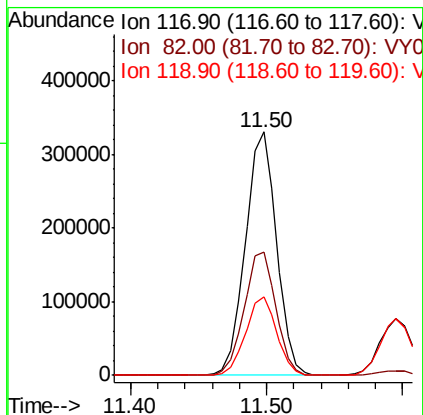
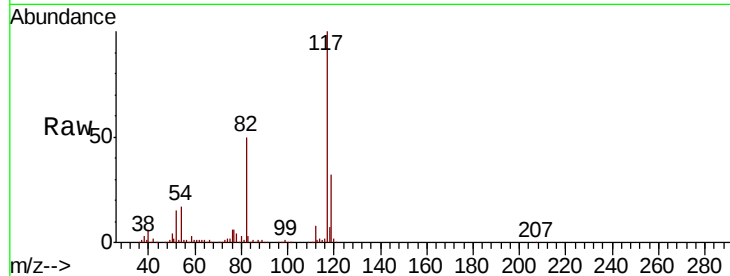




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY002575.D
Acq: 05 May 2020 10:15

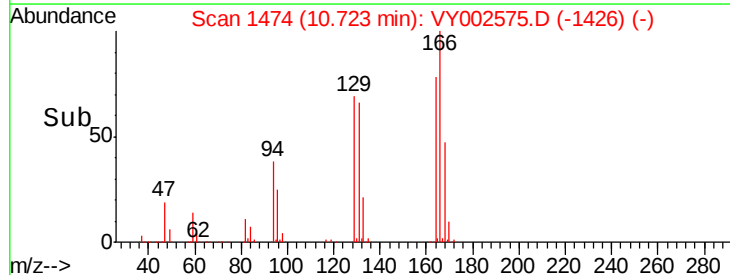
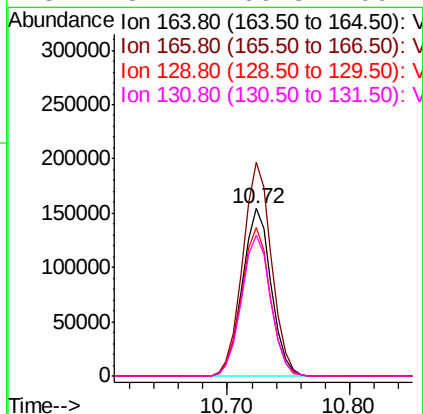
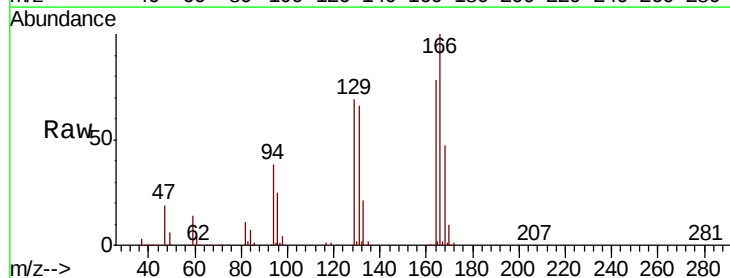
Instrument :
MSVOA_Y
ClientSampled :
BFB

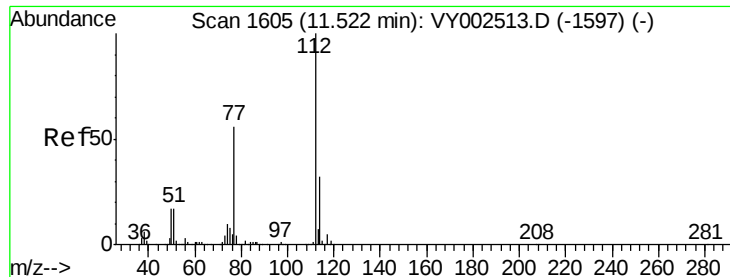
Tot Ion:117 Resp: 530008
Ion Ratio Lower Upper
117 100
82 50.4 41.3 61.9
119 32.2 26.0 39.0



#64
Tetrachloroethene
Concen: 53.491 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.01 min
Lab File: VY002575.D
Acq: 05 May 2020 10:15

Tgt Ion:164 Resp: 251897
Ion Ratio Lower Upper
164 100
166 127.8 100.7 151.1
129 88.5 68.3 102.5
131 84.2 66.8 100.2

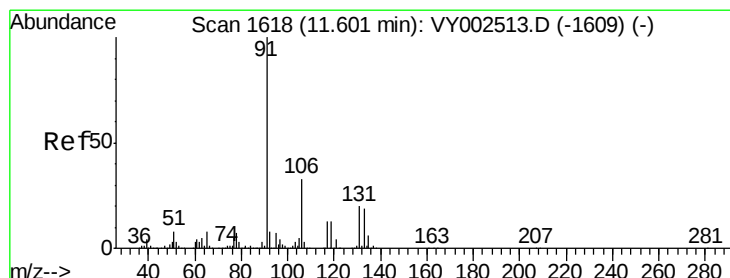
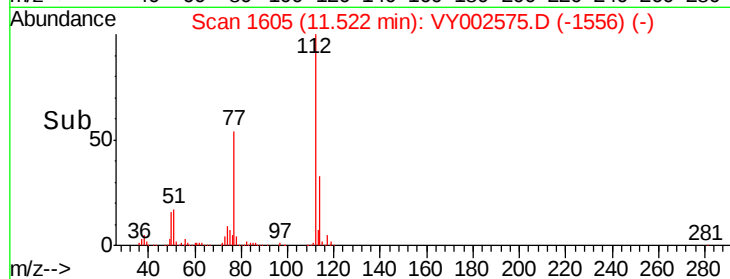
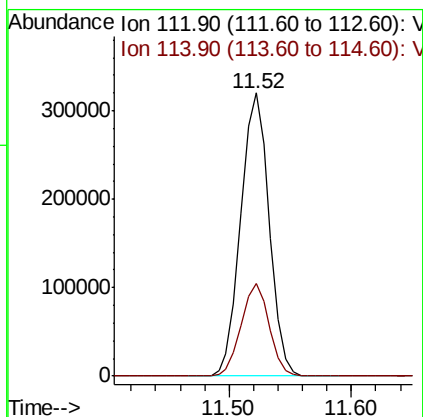
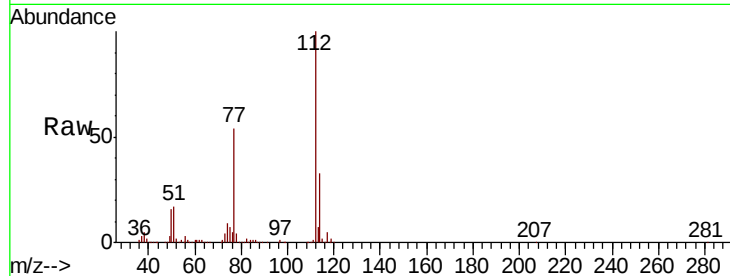




#65
Chlorobenzene
Concen: 51.171 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. -0.00 min
Lab File: VY002575.D
Acq: 05 May 2020 10:15

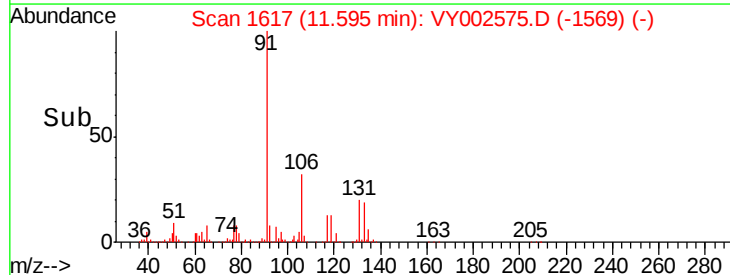
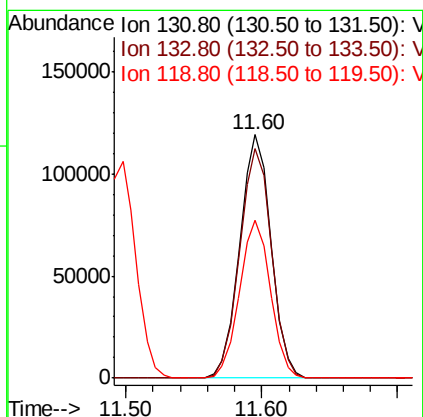
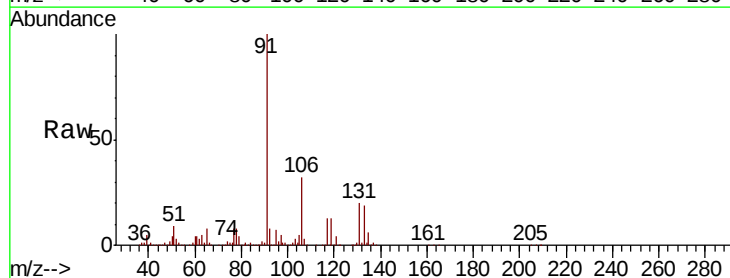
Instrument :
MSVOA_Y
ClientSampled :
BFB

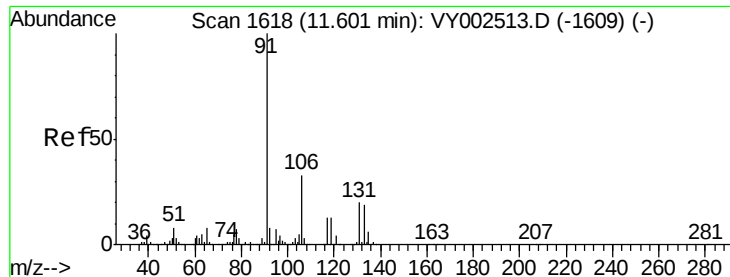
Tot Ion:112 Resp: 515569
Ion Ratio Lower Upper
112 100
114 32.7 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 51.218 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY002575.D
Acq: 05 May 2020 10:15

Tgt Ion:131 Resp: 191557
Ion Ratio Lower Upper
131 100
133 96.1 48.1 144.4
119 64.4 31.6 95.0





#67

Ethyl Benzene

Concen: 51.339 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. -0.01 min

Lab File: VY002575.D

Acq: 05 May 2020 10:15

Instrument :

MSVOA_Y

ClientSampled :

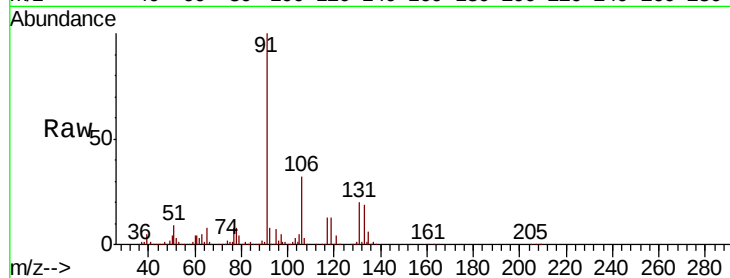
BFB

Tot Ion: 91 Resp: 908613

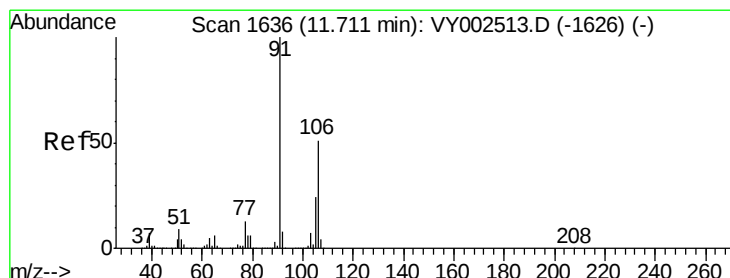
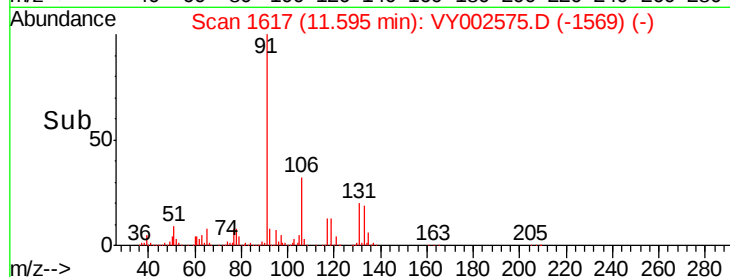
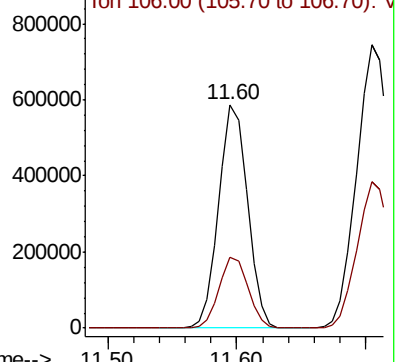
Ion Ratio Lower Upper

91 100

106 31.8 26.1 39.1



Abundance Ion 91.00 (90.70 to 91.70): VY002513.D (-1609) (-)



#68

m/p-Xylenes

Concen: 102.716 ug/l

RT: 11.70 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VY002575.D

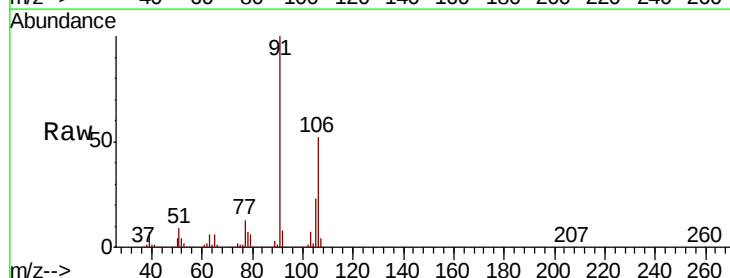
Acq: 05 May 2020 10:15

Tgt Ion: 106 Resp: 703382

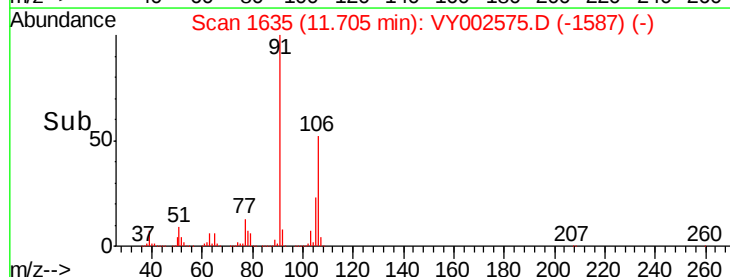
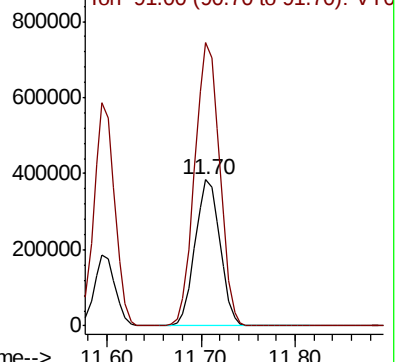
Ion Ratio Lower Upper

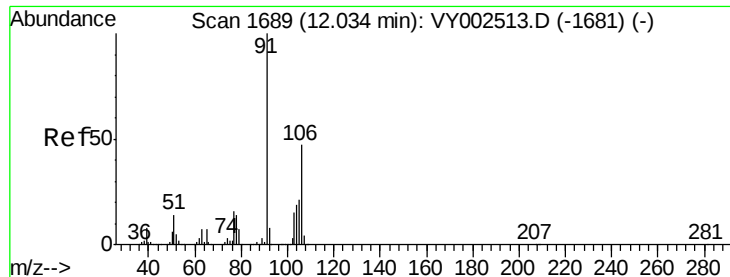
106 100

91 194.5 155.2 232.8



Abundance Ion 106.00 (105.70 to 106.70): VY002513.D (-1626) (-)

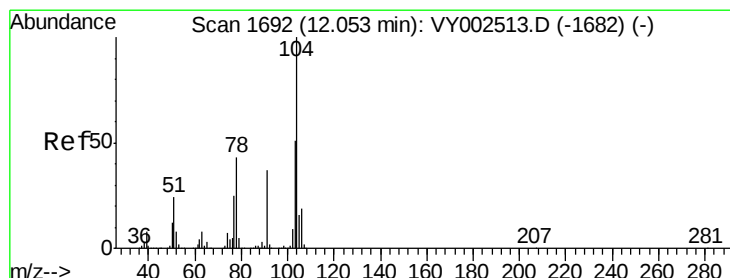
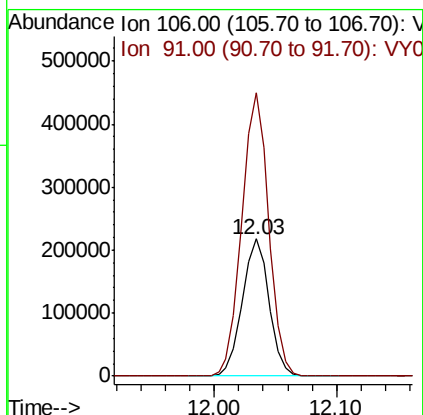
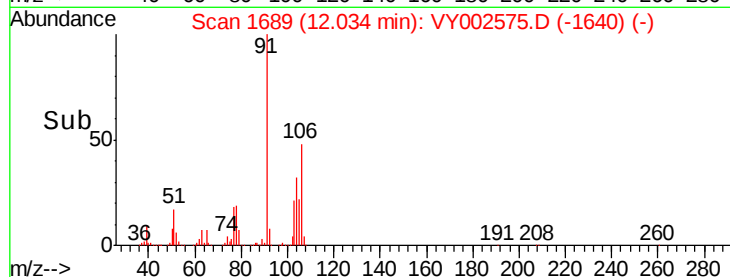
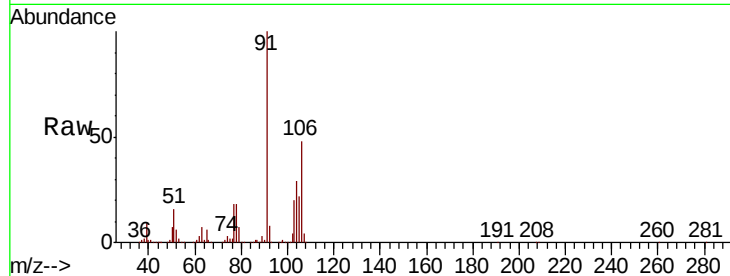




#69
o-Xylene
Concen: 51.542 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VY002575.D
Acq: 05 May 2020 10:15

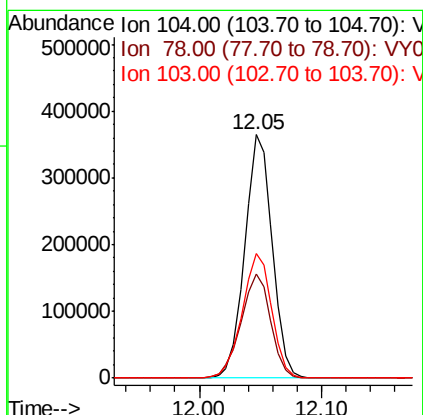
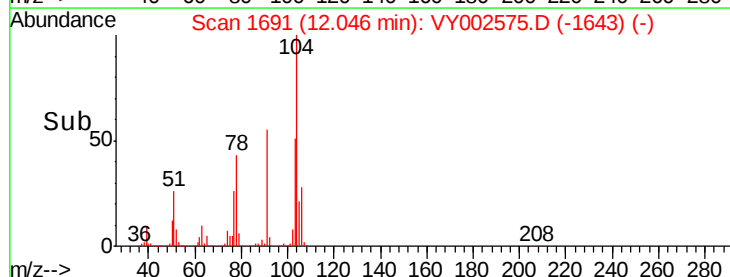
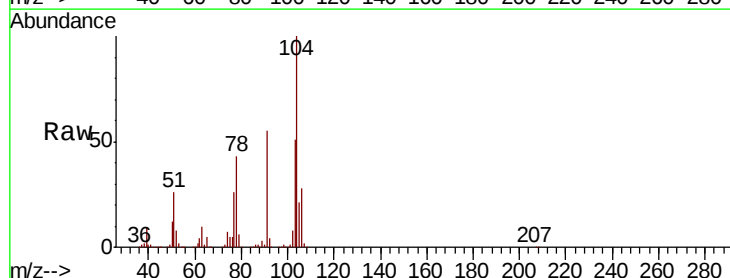
Instrument :
MSVOA_Y
ClientSampled :
BFB

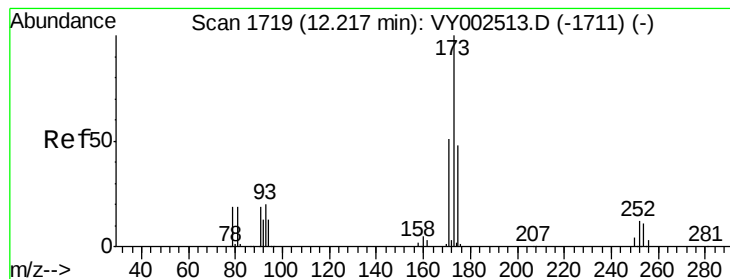
Tot Ion:106 Resp: 330476
Ion Ratio Lower Upper
106 100
91 206.3 103.8 311.3



#70
Styrene
Concen: 51.753 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.01 min
Lab File: VY002575.D
Acq: 05 May 2020 10:15

Tgt Ion:104 Resp: 567269
Ion Ratio Lower Upper
104 100
78 46.4 37.4 56.0
103 55.0 43.9 65.9





#71

Bromoform

Concen: 52.165 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. -0.01 min

Lab File: VY002575.D

Acq: 05 May 2020 10:15

Instrument :

MSVOA_Y

ClientSampleId :

BFB

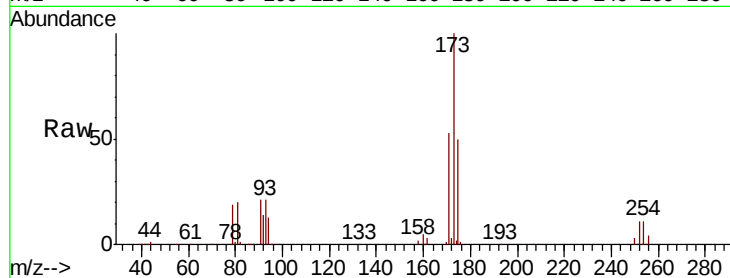
Tot Ion:173 Resp: 121091

Ion Ratio Lower Upper

173 100

175 48.9 24.3 72.8

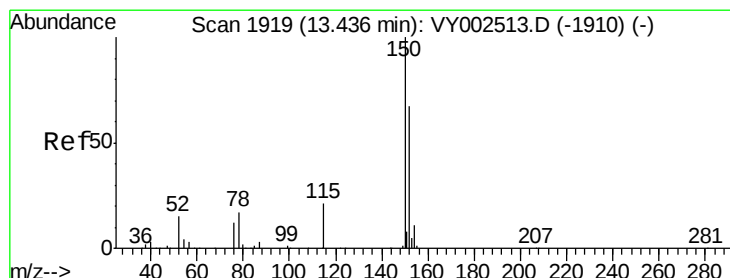
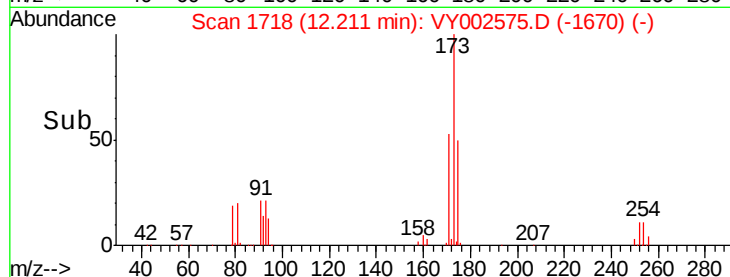
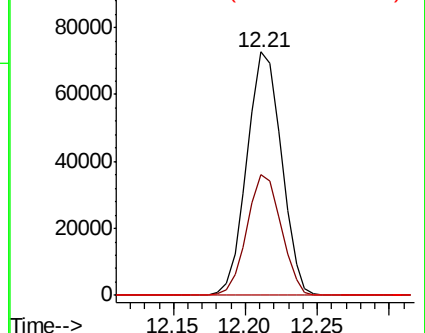
254 0.2 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. -0.01 min

Lab File: VY002575.D

Acq: 05 May 2020 10:15

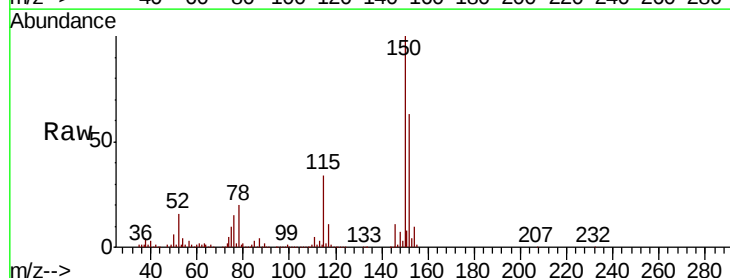
Tgt Ion:152 Resp: 271862

Ion Ratio Lower Upper

152 100

115 54.6 27.5 82.4

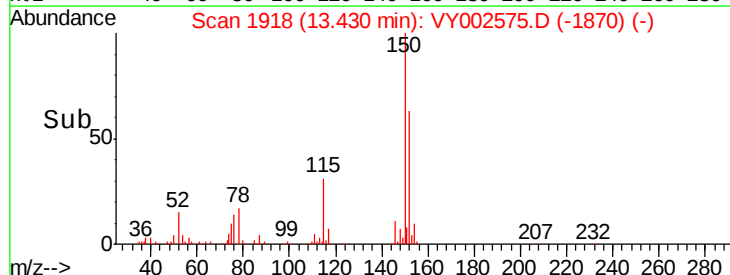
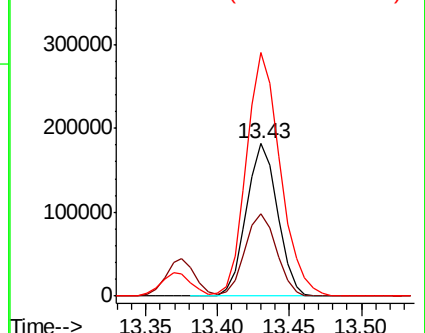
150 173.9 0.0 346.4

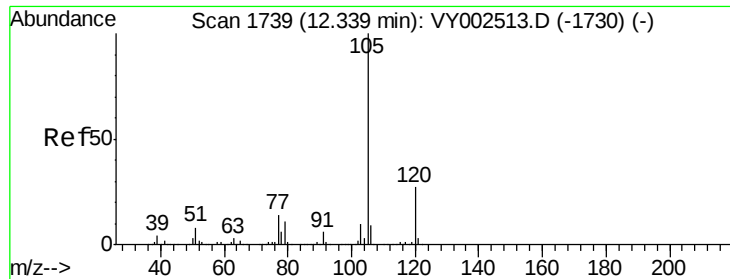


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.162 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.01 min

Lab File: VY002575.D

Acq: 05 May 2020 10:15

Instrument :

MSVOA_Y

ClientSampleId :

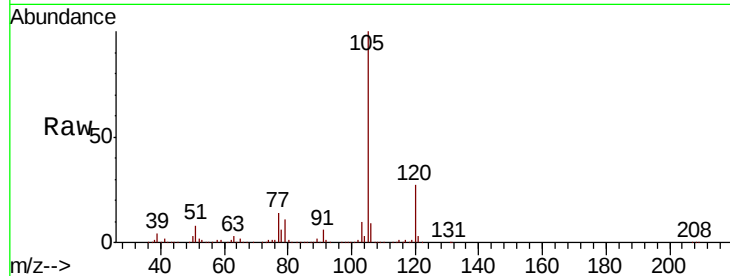
BFB

Tot Ion:105 Resp: 901447

Ion Ratio Lower Upper

105 100

120 27.2 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.33

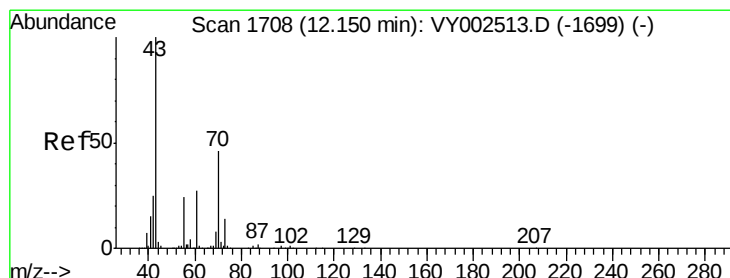
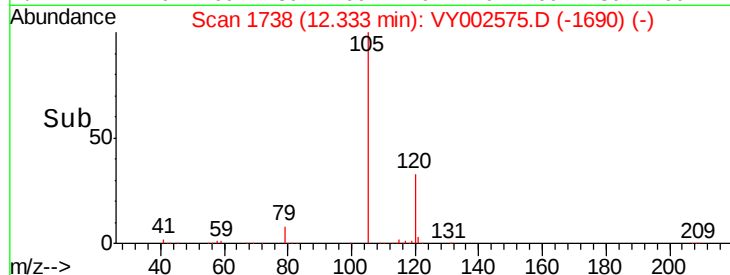
600000

400000

200000

0

Time-->



#74

N-ethyl acetate

Concen: 54.324 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. -0.00 min

Lab File: VY002575.D

Acq: 05 May 2020 10:15

Tgt Ion: 43 Resp: 230247

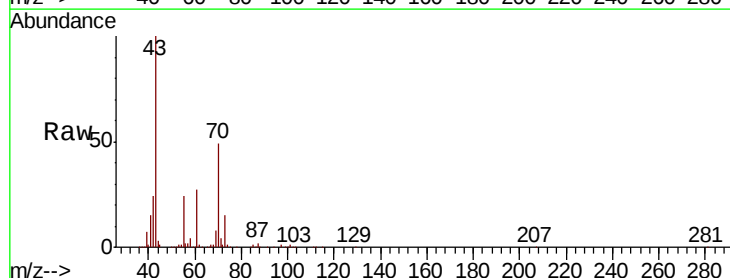
Ion Ratio Lower Upper

43 100

70 47.2 36.7 55.1

55 24.1 19.2 28.8

61 27.0 21.1 31.7



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

250000

200000

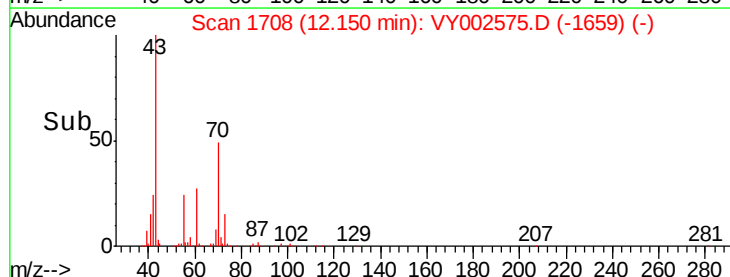
150000

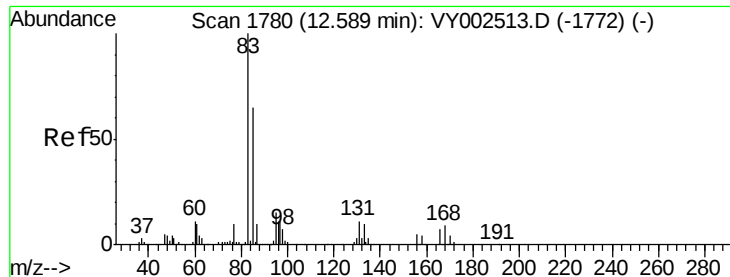
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 50.038 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. -0.00 min

Lab File: VY002575.D

Acq: 05 May 2020 10:15

Instrument :

MSVOA_Y

ClientSampleId :

BFB

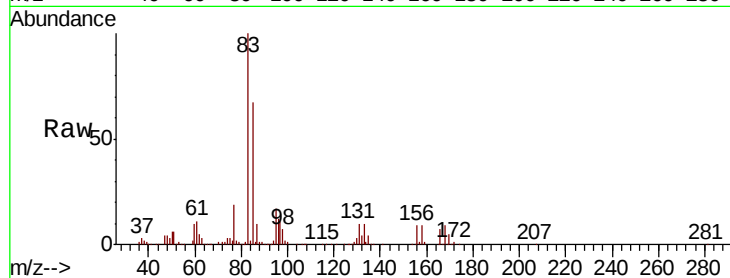
Tot Ion: 83 Resp: 140211

Ion Ratio Lower Upper

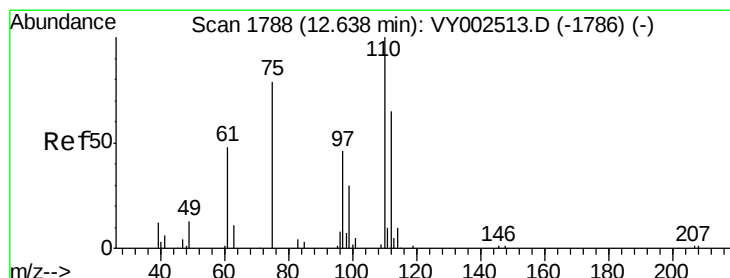
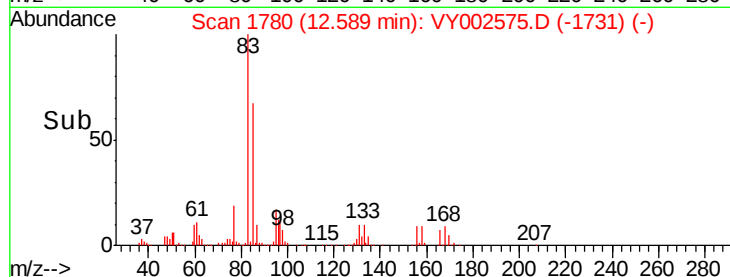
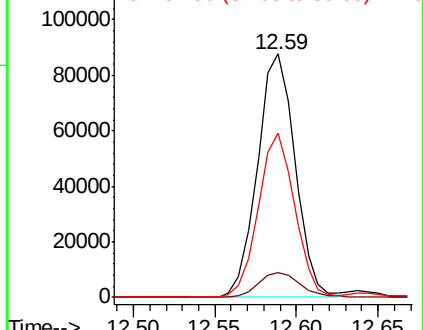
83 100

131 11.4 5.9 17.8

85 65.3 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 130.80 (130.50 to 131.50): VY0
Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 92.285 ug/l

RT: 12.64 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VY002575.D

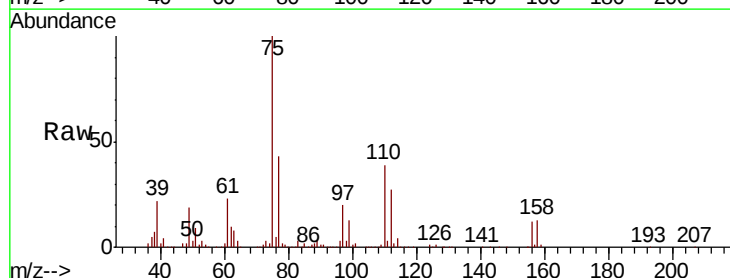
Acq: 05 May 2020 10:15

Tgt Ion: 75 Resp: 222955

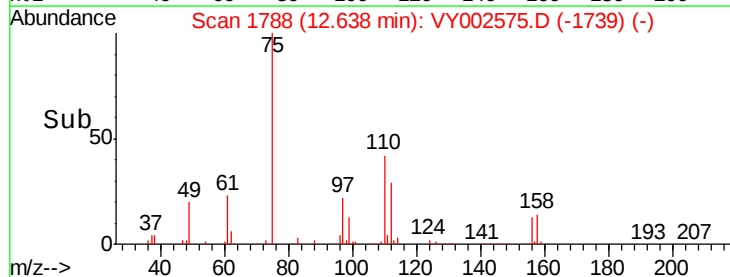
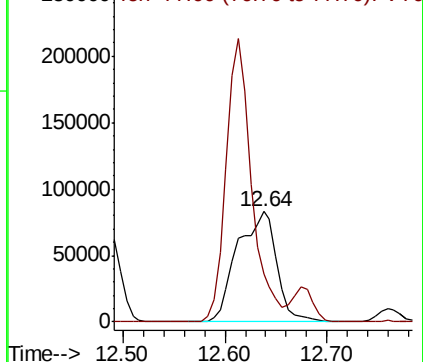
Ion Ratio Lower Upper

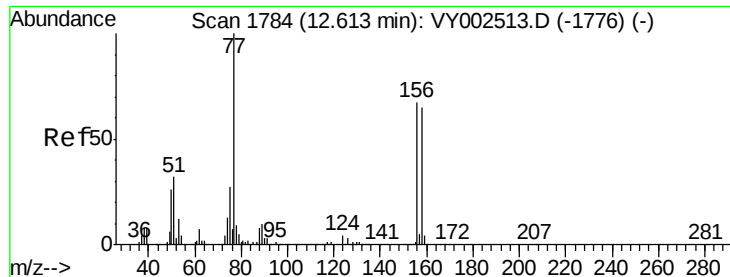
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 50.760 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VY002575.D

Acq: 05 May 2020 10:15

Instrument :

MSVOA_Y

ClientSampled :

BFB

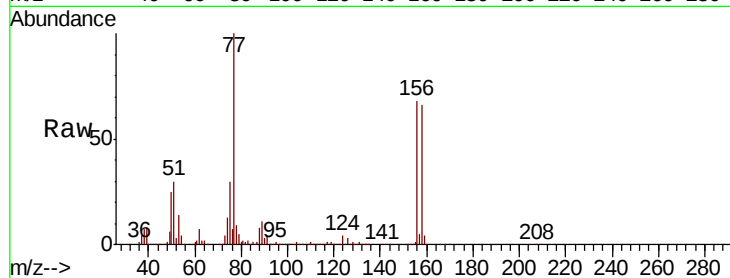
Tot Ion:156 Resp: 223446

Ion Ratio Lower Upper

156 100

77 165.7 82.0 245.8

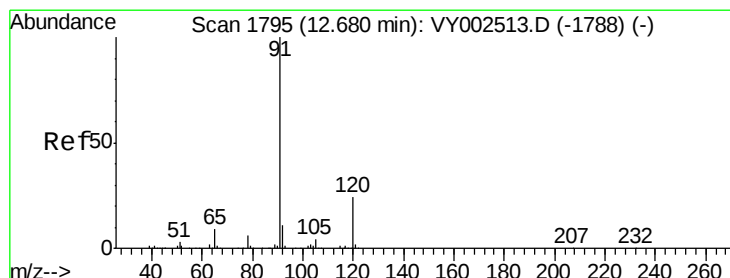
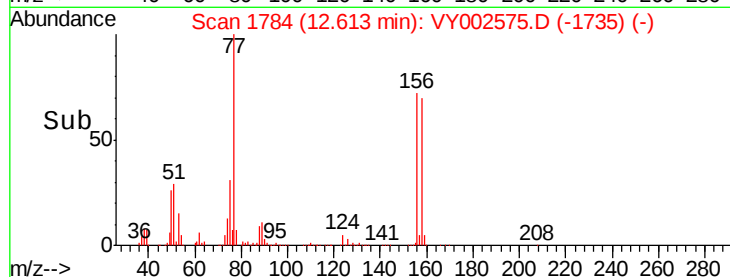
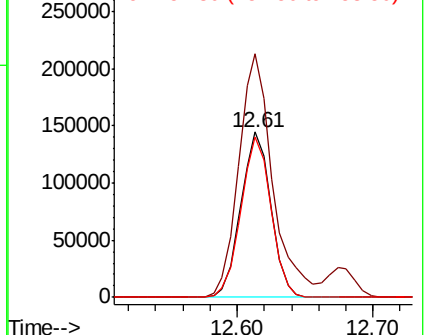
158 97.2 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.282 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.01 min

Lab File: VY002575.D

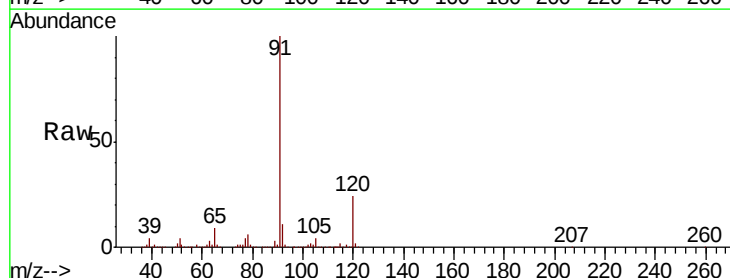
Acq: 05 May 2020 10:15

Tgt Ion: 91 Resp: 1048560

Ion Ratio Lower Upper

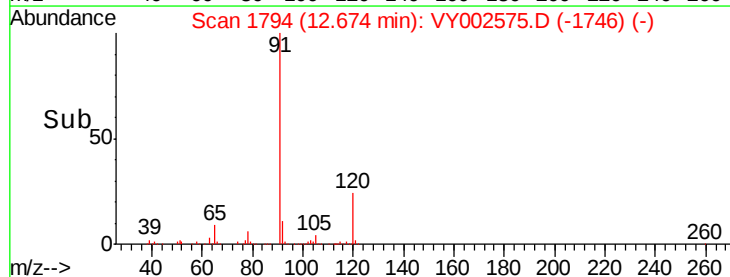
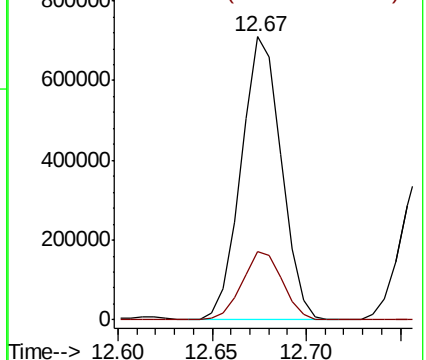
91 100

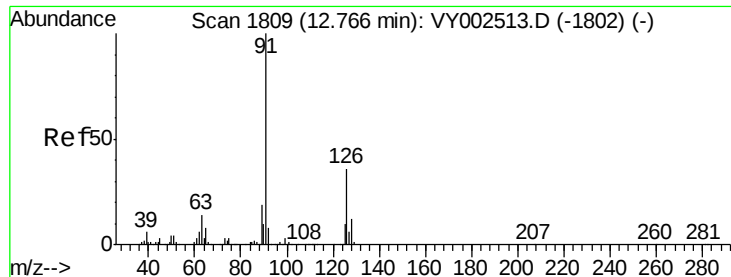
120 24.3 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.887 ug/l

RT: 12.76 min Scan# 1808

Delta R.T. -0.01 min

Lab File: VY002575.D

Acq: 05 May 2020 10:15

Instrument :

MSVOA_Y

ClientSampled :

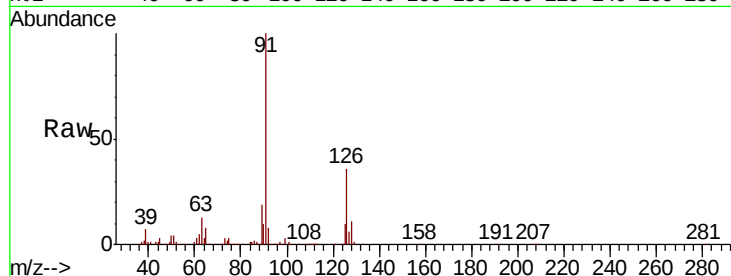
BFB

Tot Ion: 91 Resp: 576349

Ion Ratio Lower Upper

91 100

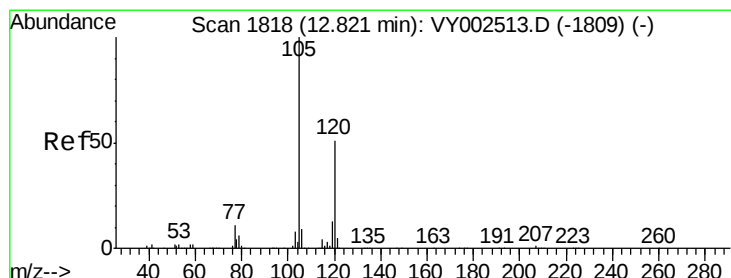
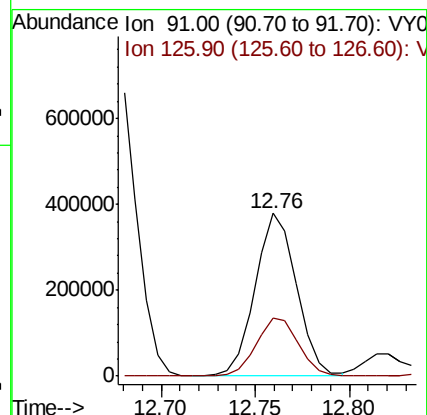
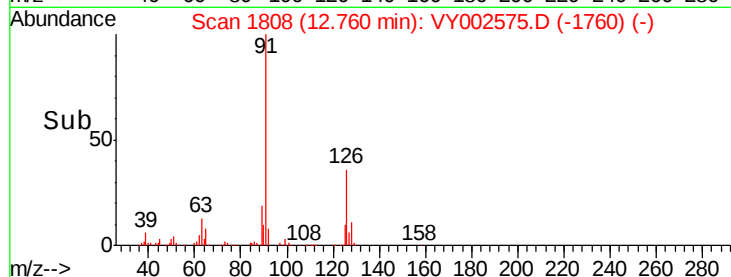
126 36.4 18.4 55.2



Abundance Ion 91.00 (90.70 to 91.70): VY002513.D (-1802) (-)

Ion 125.90 (125.60 to 126.60): VY002513.D (-1802) (-)

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 51.010 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. -0.01 min

Lab File: VY002575.D

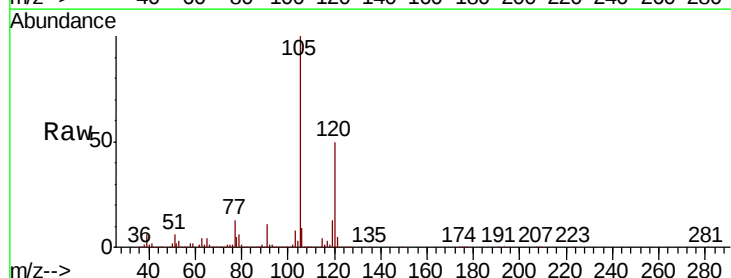
Acq: 05 May 2020 10:15

Tgt Ion: 105 Resp: 745003

Ion Ratio Lower Upper

105 100

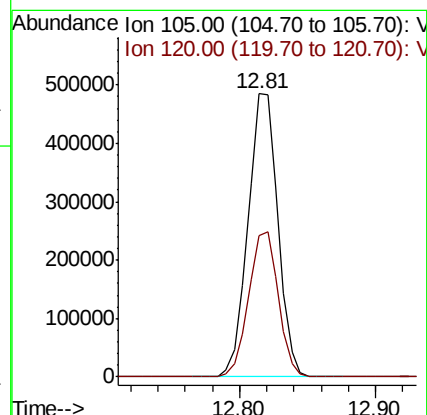
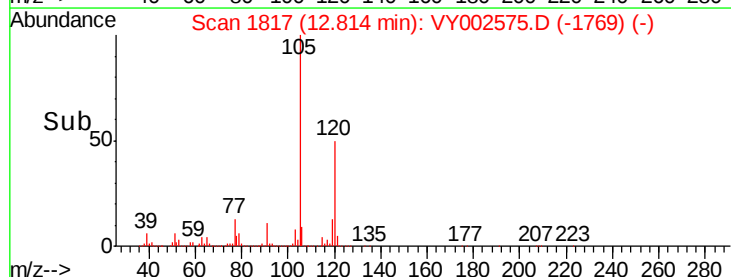
120 50.9 25.3 75.9

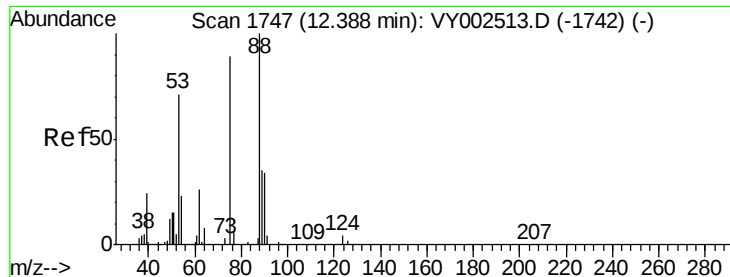


Abundance Ion 105.00 (104.70 to 105.70): VY002513.D (-1809) (-)

Ion 120.00 (119.70 to 120.70): VY002513.D (-1809) (-)

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 52.847 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. -0.01 min

Lab File: VY002575.D

Acq: 05 May 2020 10:15

Instrument :

MSVOA_Y

ClientSampleId :

BFB

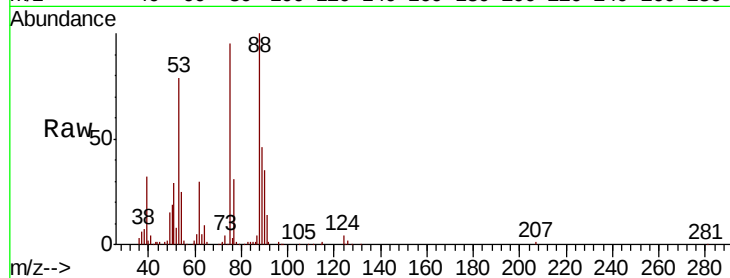
Tot Ion: 75 Resp: 63672

Ion Ratio Lower Upper

75 100

53 82.7 67.4 101.0

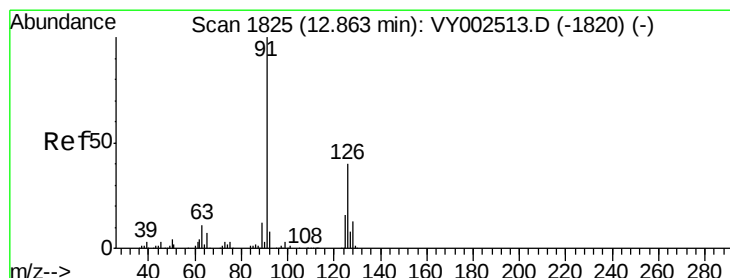
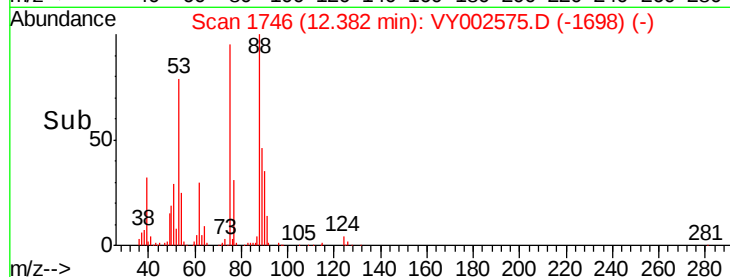
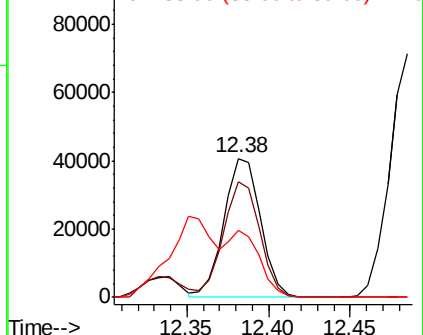
89 0.0 37.4 56.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 50.198 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. -0.01 min

Lab File: VY002575.D

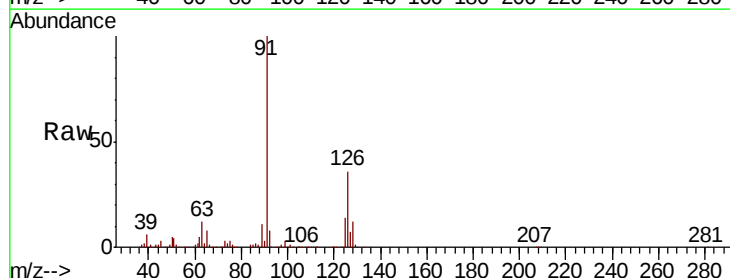
Acq: 05 May 2020 10:15

Tgt Ion: 91 Resp: 597208

Ion Ratio Lower Upper

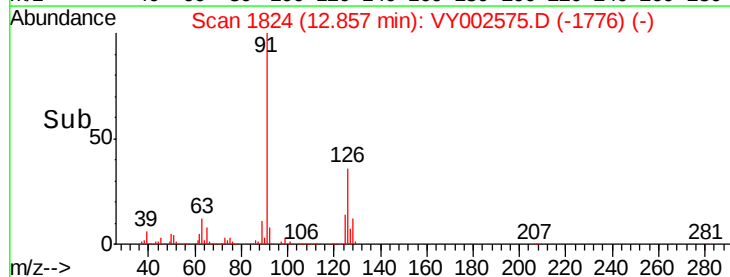
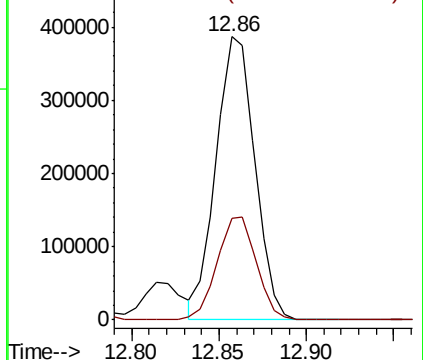
91 100

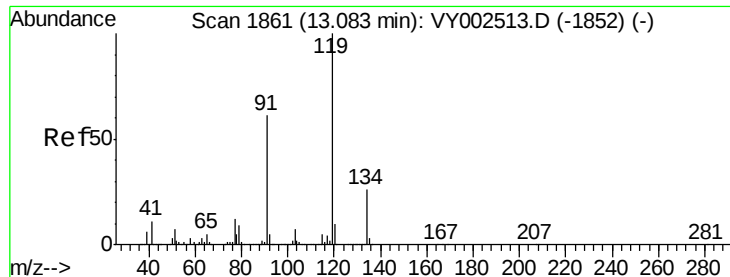
126 36.6 18.5 55.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

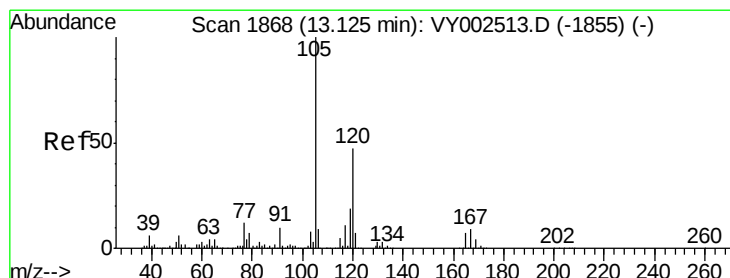
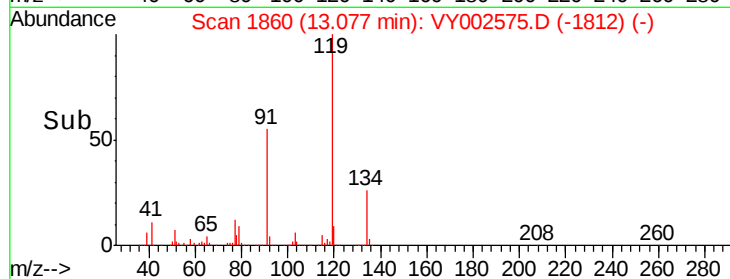
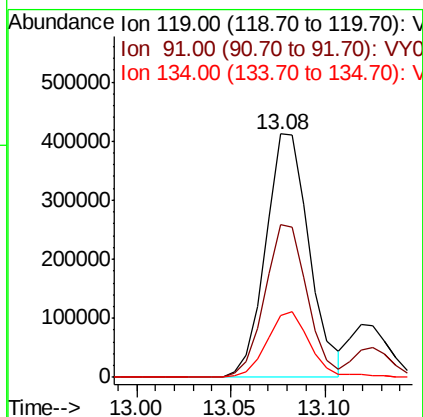
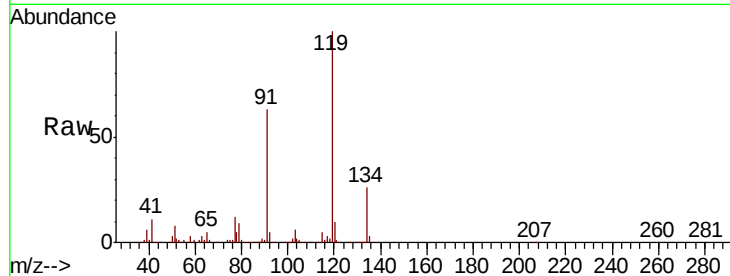




#83
tert-Butylbenzene
Concen: 51.608 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. -0.01 min
Lab File: VY002575.D
Acq: 05 May 2020 10:15

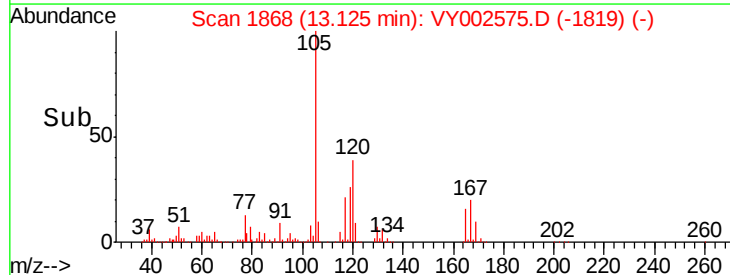
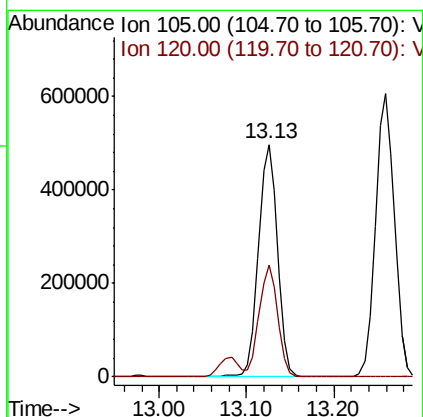
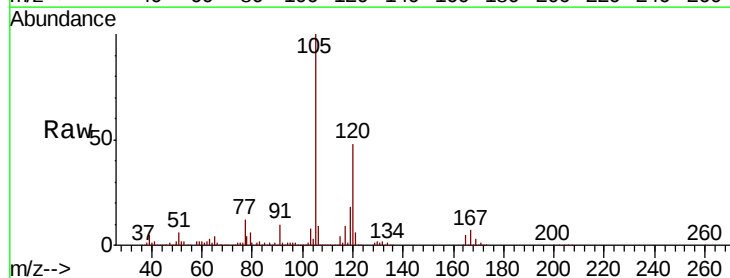
Instrument :
MSVOA_Y
ClientSampled :
BFB

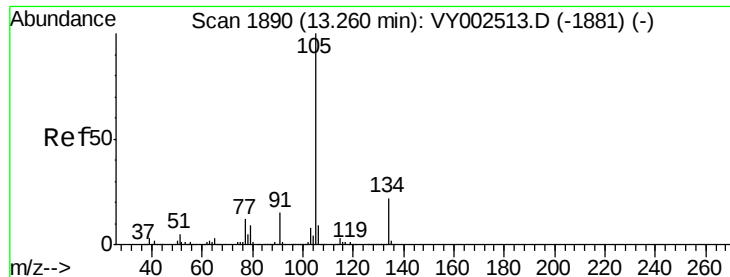
Tot Ion:119 Resp: 660895
Ion Ratio Lower Upper
119 100
91 60.7 30.6 91.6
134 26.7 13.5 40.4



#84
1,2,4-Trimethylbenzene
Concen: 51.400 ug/l
RT: 13.13 min Scan# 1868
Delta R.T. -0.00 min
Lab File: VY002575.D
Acq: 05 May 2020 10:15

Tgt Ion:105 Resp: 748150
Ion Ratio Lower Upper
105 100
120 47.2 23.4 70.3





#85

sec-Butylbenzene

Concen: 51.095 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VY002575.D

Acq: 05 May 2020 10:15

Instrument :

MSVOA_Y

ClientSampleId :

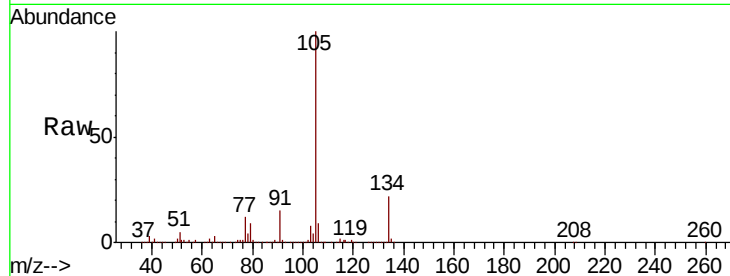
BFB

Tot Ion:105 Resp: 907954

Ion Ratio Lower Upper

105 100

134 21.5 10.8 32.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.26

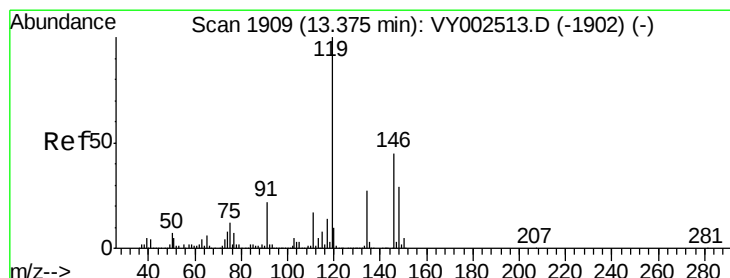
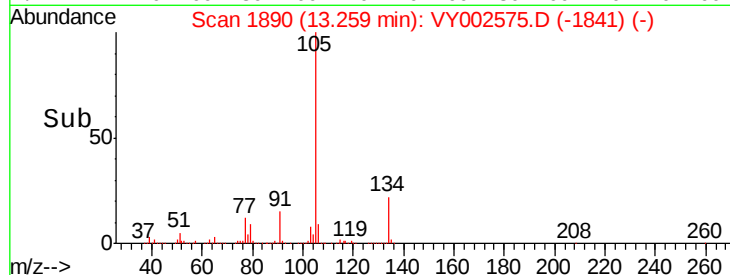
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 51.096 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. -0.00 min

Lab File: VY002575.D

Acq: 05 May 2020 10:15

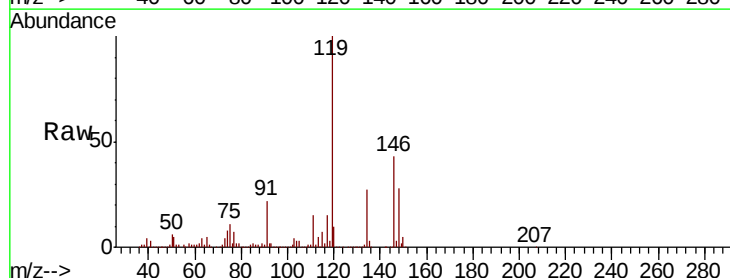
Tgt Ion:119 Resp: 850758

Ion Ratio Lower Upper

119 100

134 27.1 13.5 40.5

91 21.8 10.9 32.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

800000

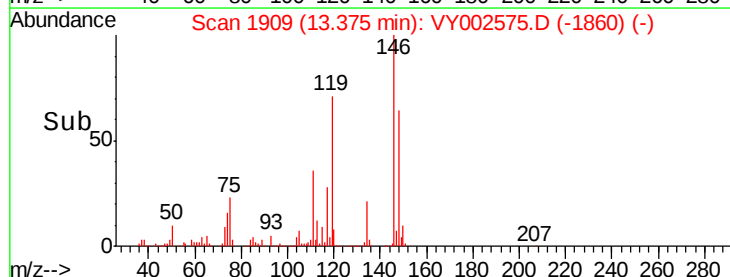
600000

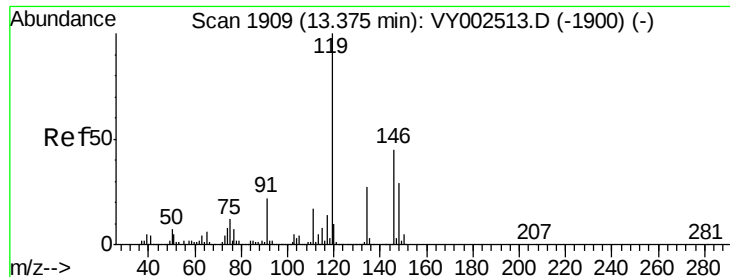
400000

200000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 51.102 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.01 min

Lab File: VY002575.D

Acq: 05 May 2020 10:15

Instrument :

MSVOA_Y

ClientSampleId :

BFB

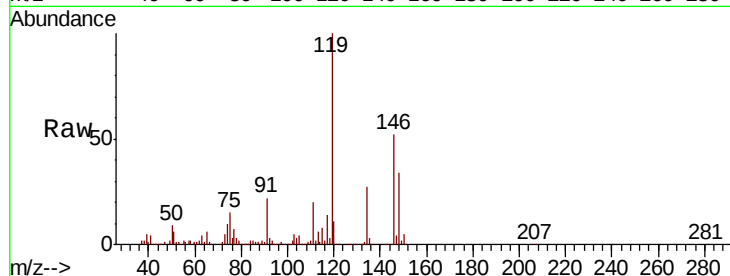
Tot Ion:146 Resp: 425755

Ion Ratio Lower Upper

146 100

111 37.0 18.8 56.3

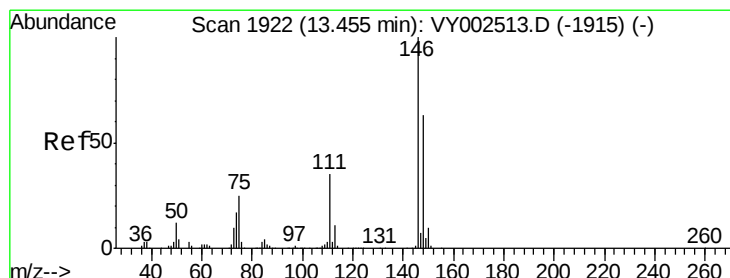
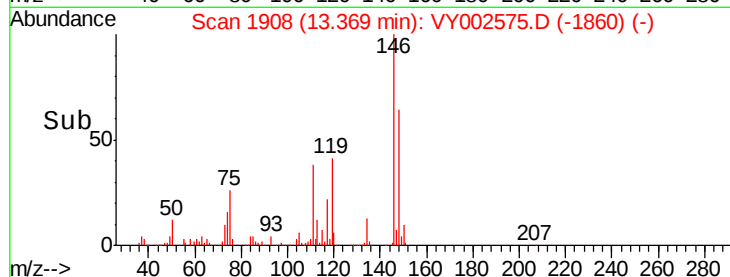
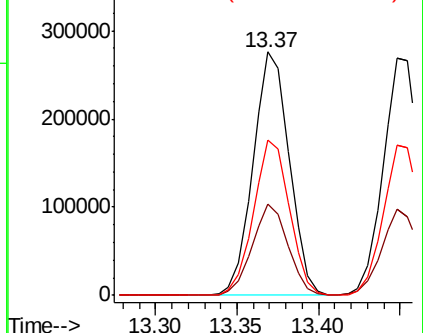
148 63.5 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 51.108 ug/l

RT: 13.45 min Scan# 1921

Delta R.T. -0.01 min

Lab File: VY002575.D

Acq: 05 May 2020 10:15

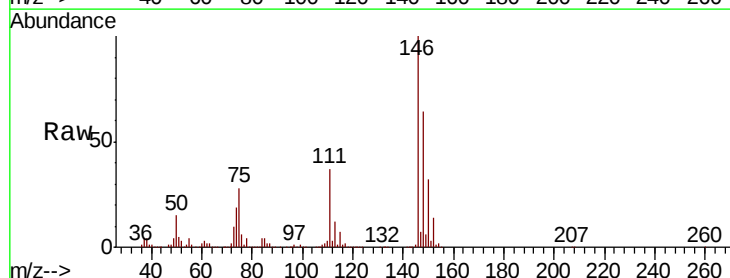
Tgt Ion:146 Resp: 421631

Ion Ratio Lower Upper

146 100

111 36.4 18.1 54.1

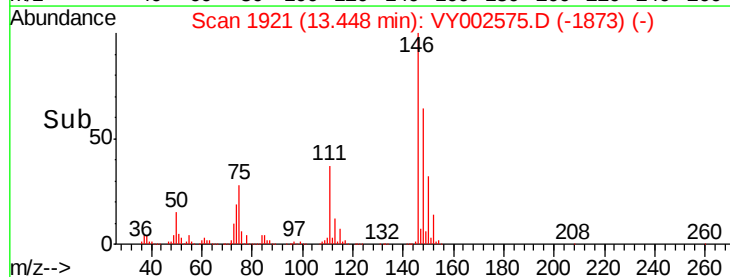
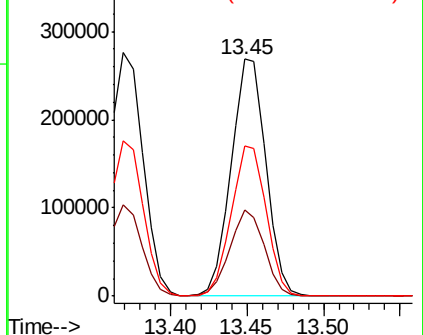
148 63.8 31.9 95.5

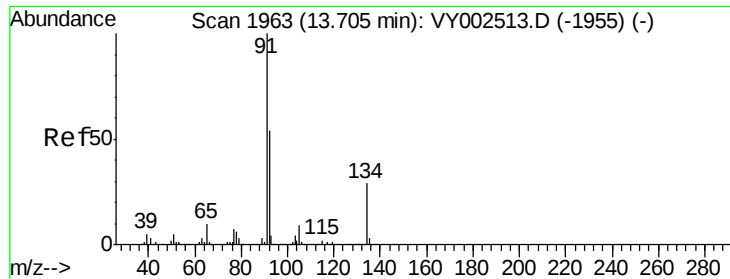


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 51.235 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. -0.01 min

Lab File: VY002575.D

Acq: 05 May 2020 10:15

Instrument :

MSVOA_Y

ClientSampleId :

BFB

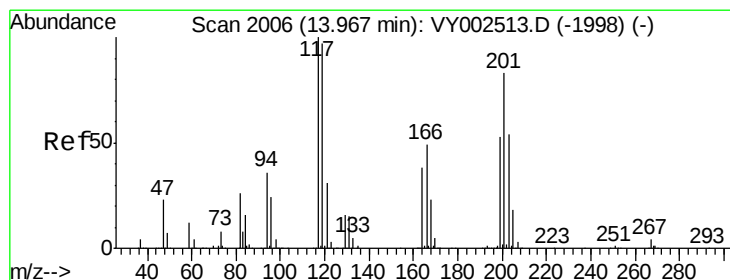
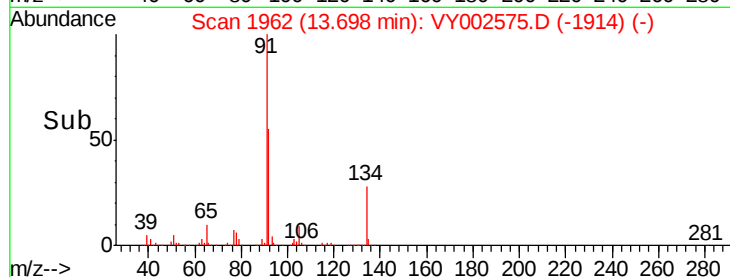
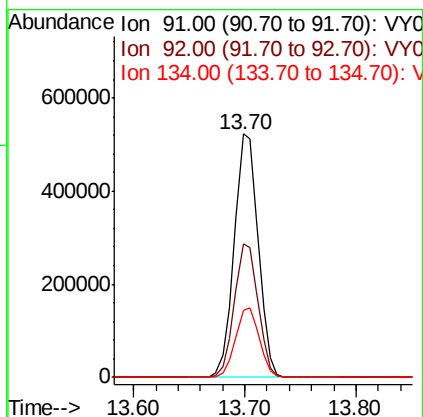
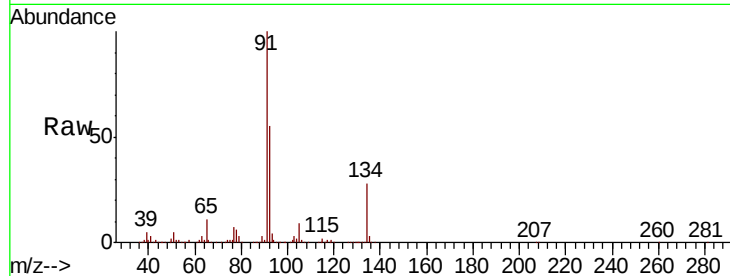
Tot Ion: 91 Resp: 776602

Ion Ratio Lower Upper

91 100

92 54.5 27.1 81.3

134 28.7 14.4 43.0



#90

Hexachloroethane

Concen: 51.709 ug/l

RT: 13.97 min Scan# 2006

Delta R.T. -0.00 min

Lab File: VY002575.D

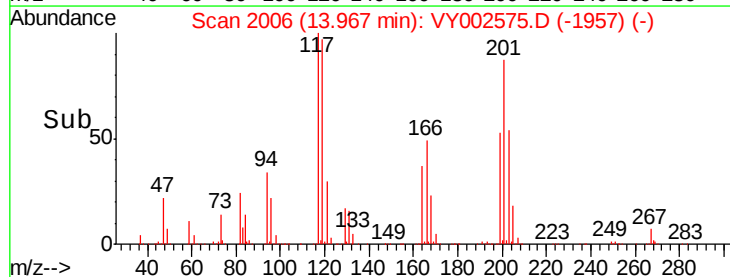
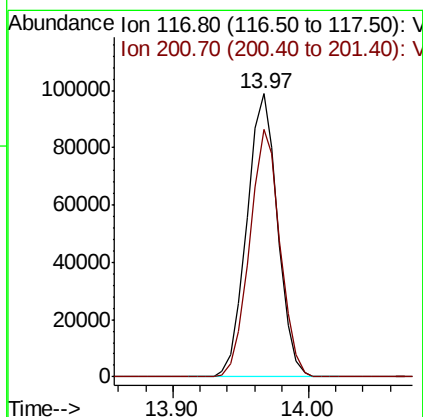
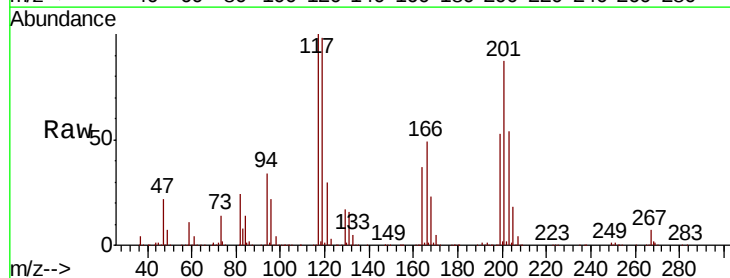
Acq: 05 May 2020 10:15

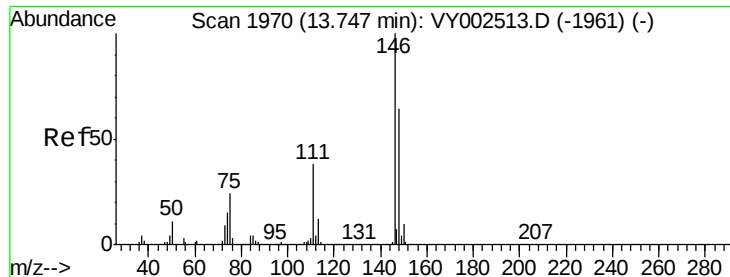
Tgt Ion: 117 Resp: 156790

Ion Ratio Lower Upper

117 100

201 86.4 44.4 133.2

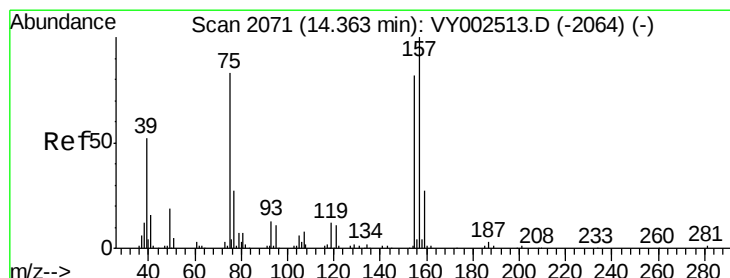
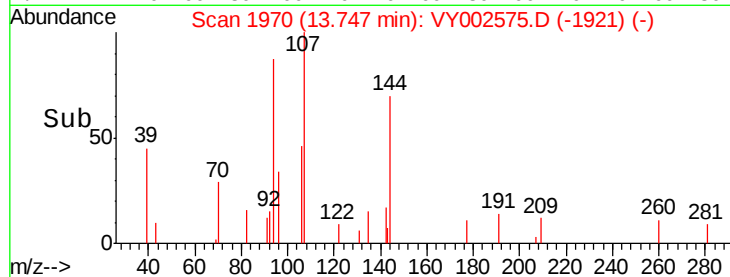
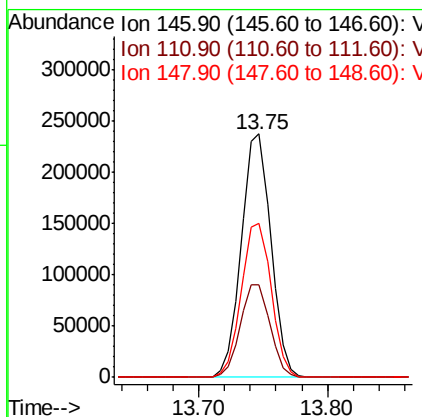
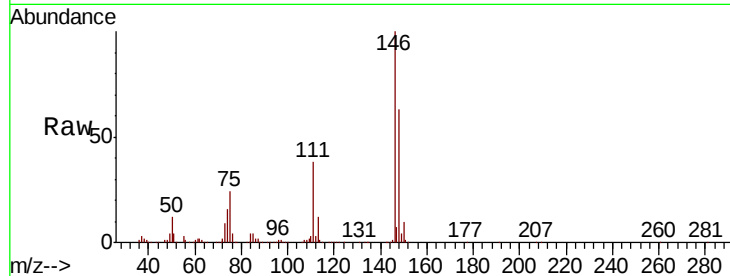




#91
 1,2-Dichlorobenzene
 Concen: 50.498 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. -0.00 min
 Lab File: VY002575.D
 Acq: 05 May 2020 10:15

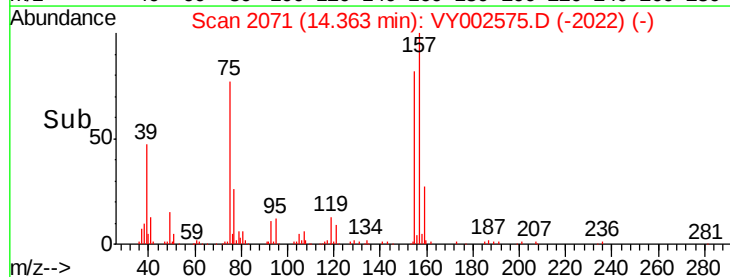
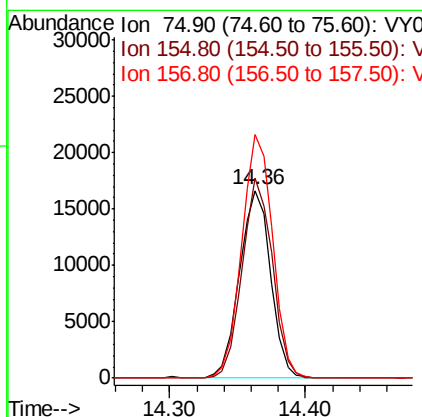
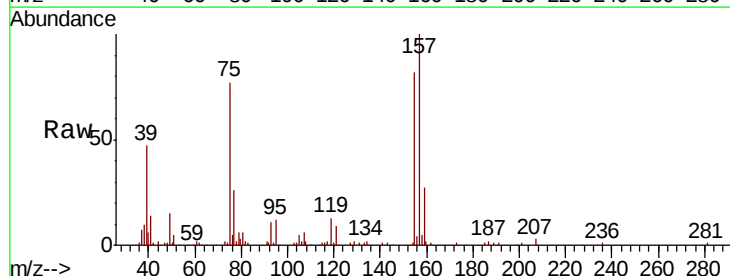
Instrument :
 MSVOA_Y
 ClientSampleId :
 BFB

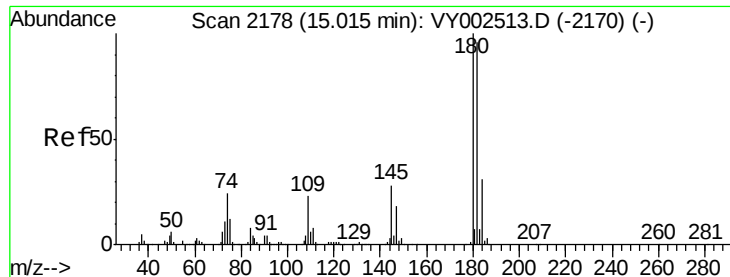
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.1	57.5
148	63.9	31.9	95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.941 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VY002575.D
 Acq: 05 May 2020 10:15

Tgt Ion	Ratio	Lower	Upper
75	100		
155	103.6	51.3	153.9
157	128.9	65.0	195.0

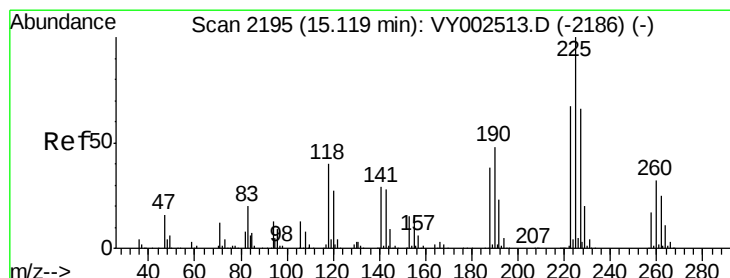
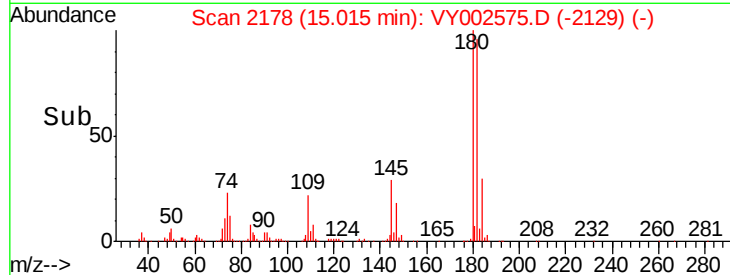
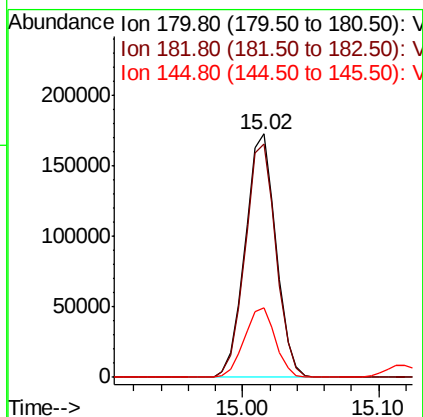
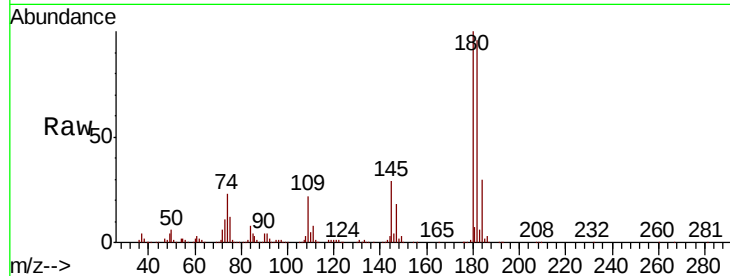




#93
 1,2,4-Trichlorobenzene
 Concen: 50.617 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. -0.00 min
 Lab File: VY002575.D
 Acq: 05 May 2020 10:15

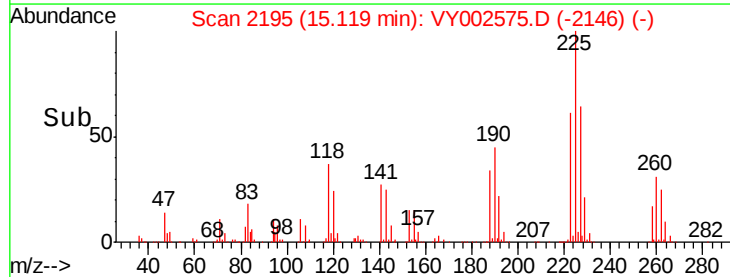
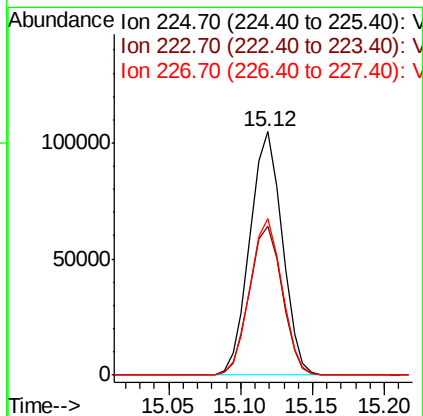
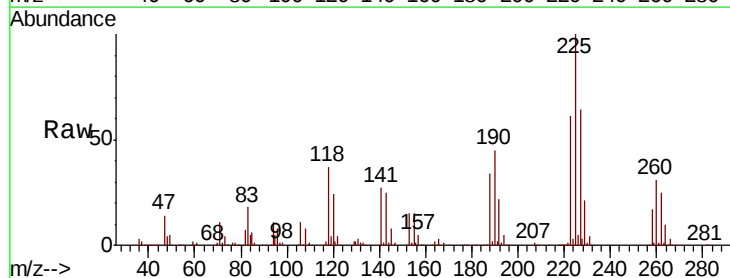
Instrument :
 MSVOA_Y
 ClientSampleId :
 BFB

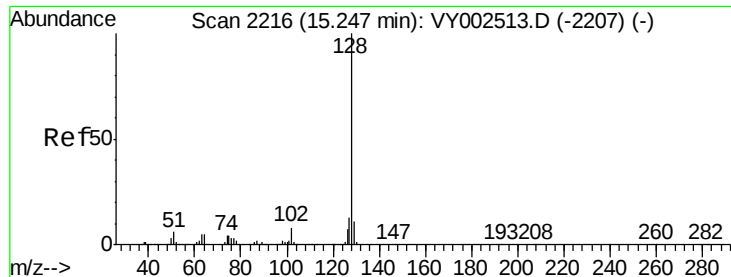
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.2	47.9	143.6
145	28.7	14.4	43.0



#94
 Hexachlorobutadiene
 Concen: 50.390 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. -0.00 min
 Lab File: VY002575.D
 Acq: 05 May 2020 10:15

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.1	32.1	96.5
227	63.5	32.0	96.2

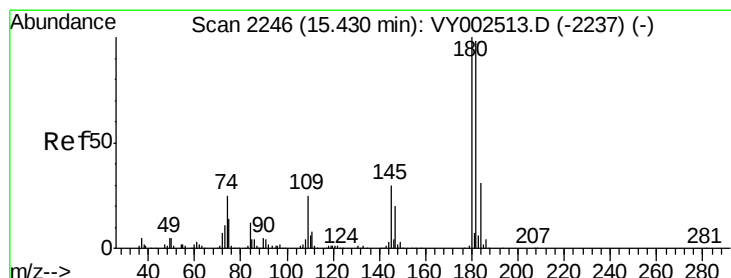
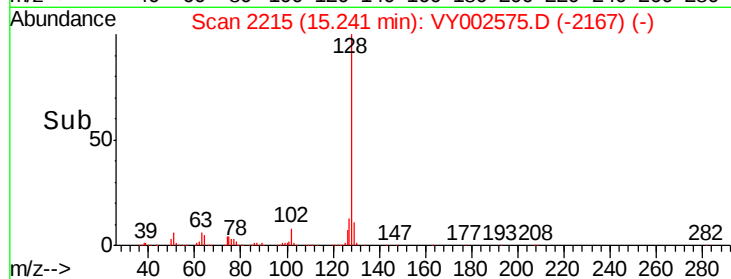
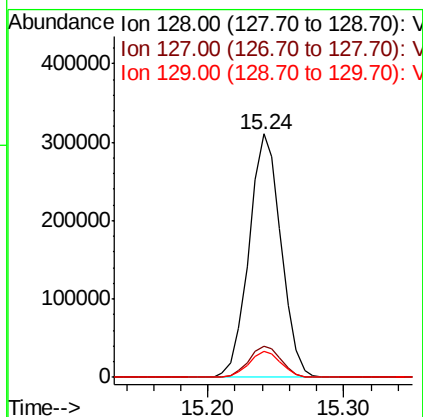
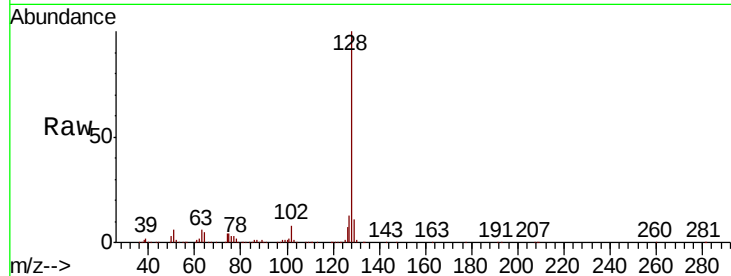




#95
Naphthalene
Concen: 52.012 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. -0.01 min
Lab File: VY002575.D
Acq: 05 May 2020 10:15

Instrument :
MSVOA_Y
ClientSampled :
BFB

Tot Ion:128 Resp: 512111
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 50.750 ug/l
RT: 15.43 min Scan# 2246
Delta R.T. -0.00 min
Lab File: VY002575.D
Acq: 05 May 2020 10:15

Tgt Ion:180 Resp: 232535
Ion Ratio Lower Upper
180 100
182 94.9 47.9 143.8
145 30.1 15.0 45.1

