

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY061120\
 Data File : VY002883.D
 Acq On : 11 Jun 2020 11:47
 Operator : SY/MD
 Sample : VY0611SBSD01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0611SBSD01

Quant Time: Jun 11 16:49:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 13:13:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	269981	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	396055	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	371102	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	202839	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	118210	50.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.86%	
35) Dibromofluoromethane	7.72	113	121368	52.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.58%	
50) Toluene-d8	10.18	98	468006	49.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.74%	
62) 4-Bromofluorobenzene	12.48	95	167579	52.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	35919	19.335	ug/l	92
3) Chloromethane	2.12	50	39503	19.225	ug/l	93
4) Vinyl Chloride	2.26	62	43477	20.018	ug/l	98
5) Bromomethane	2.65	94	33887	20.821	ug/l	96
6) Chloroethane	2.79	64	29827	21.185	ug/l	96
7) Trichlorofluoromethane	3.13	101	82984	21.574	ug/l	99
8) Diethyl Ether	3.54	74	29691	19.768	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.90	101	48417	21.200	ug/l	95
10) Methyl Iodide	4.10	142	64106	20.060	ug/l	99
11) Tert butyl alcohol	4.97	59	30084	112.374	ug/l	99
12) 1,1-Dichloroethene	3.88	96	48535	21.132	ug/l	98
13) Acrolein	3.74	56	21481	78.195	ug/l	100
14) Allyl chloride	4.49	41	70489	21.399	ug/l	99
15) Acrylonitrile	5.18	53	76927	113.531	ug/l	100
16) Acetone	3.96	43	60940	110.864	ug/l	99
17) Carbon Disulfide	4.19	76	135690	19.551	ug/l	98
18) Methyl Acetate	4.49	43	35931	25.578	ug/l	99
19) Methyl tert-butyl Ether	5.22	73	139565	22.011	ug/l	97
20) Methylene Chloride	4.72	84	60540	22.537	ug/l	96
21) trans-1,2-Dichloroethene	5.22	96	54804	21.218	ug/l	96
22) Diisopropyl ether	6.13	45	150818	22.032	ug/l	97
23) Vinyl Acetate	6.07	43	487889	107.953	ug/l	100
24) 1,1-Dichloroethane	6.02	63	87251	21.789	ug/l	99
25) 2-Butanone	6.99	43	93274	108.913	ug/l	98
26) 2,2-Dichloropropane	6.99	77	81044	21.103	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	61634	21.315	ug/l	100
28) Bromochloromethane	7.34	49	37430	22.770	ug/l	98
29) Tetrahydrofuran	7.35	42	62180	111.622	ug/l	99
30) Chloroform	7.52	83	93926	22.105	ug/l	98
31) Cyclohexane	7.79	56	80720	20.303	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	85312	21.546	ug/l	99
36) 1,1-Dichloropropene	7.93	75	72104	21.612	ug/l	99
37) Ethyl Acetate	7.08	43	42780	23.568	ug/l	99
38) Carbon Tetrachloride	7.91	117	80312	21.669	ug/l	98

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	90435	20.565	ug/l	99
40) Benzene	8.16	78	211092	21.413	ug/l	100
41) Methacrylonitrile	7.33	41	24718m	25.348	ug/l	
42) 1,2-Dichloroethane	8.24	62	60318	21.833	ug/l	98
43) Isopropyl Acetate	8.28	43	76482	22.234	ug/l	99
44) Trichloroethene	8.94	130	65864	21.152	ug/l	99
45) 1,2-Dichloropropane	9.22	63	51991	21.992	ug/l	97
46) Dibromomethane	9.31	93	31761	22.622	ug/l	96
47) Bromodichloromethane	9.50	83	72457	21.891	ug/l	96
48) Methyl methacrylate	9.30	41	34850	22.443	ug/l	97
49) 1,4-Dioxane	9.31	88	9591	444.900	ug/l	99
51) 4-Methyl-2-Pentanone	10.07	43	209073	114.784	ug/l	100
52) Toluene	10.24	92	138468	21.472	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	79109	21.883	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	89338	21.809	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	47819	22.247	ug/l	93
56) Ethyl methacrylate	10.51	69	63587	22.087	ug/l	99
57) 1,3-Dichloropropane	10.79	76	78032	22.072	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	154467	109.804	ug/l	99
59) 2-Hexanone	10.83	43	148931	115.239	ug/l	100
60) Dibromochloromethane	10.99	129	60195	22.089	ug/l	99
61) 1,2-Dibromoethane	11.09	107	46438	21.901	ug/l	99
64) Tetrachloroethene	10.72	164	69786	20.691	ug/l	98
65) Chlorobenzene	11.52	112	157154	21.426	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	60543	21.916	ug/l	99
67) Ethyl Benzene	11.59	91	270173	21.247	ug/l	100
68) m/p-Xylenes	11.70	106	209585	42.511	ug/l	99
69) o-Xylene	12.03	106	100451	21.583	ug/l	99
70) Styrene	12.05	104	175024	21.693	ug/l	100
71) Bromoform	12.20	173	41630	22.522	ug/l #	100
73) Isopropylbenzene	12.33	105	274021	21.081	ug/l	100
74) N-amyl acetate	12.14	43	72051	21.603	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	52311	22.936	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	40499m	22.158	ug/l	
77) Bromobenzene	12.61	156	71825	21.221	ug/l	100
78) n-propylbenzene	12.67	91	322380	21.470	ug/l	100
79) 2-Chlorotoluene	12.75	91	178799	21.228	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	231491	21.329	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	21412	22.071	ug/l	98
82) 4-Chlorotoluene	12.85	91	188965	21.414	ug/l	100
83) tert-Butylbenzene	13.08	119	209234	21.612	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	235706	21.598	ug/l	100
85) sec-Butylbenzene	13.25	105	283485	21.416	ug/l	100
86) p-Isopropyltoluene	13.37	119	266904	21.669	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	137652	21.470	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	138038	21.523	ug/l	99
89) n-Butylbenzene	13.70	91	241845	21.626	ug/l	100
90) Hexachloroethane	13.96	117	50351	21.835	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	128005	22.015	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	10122	23.068	ug/l	97

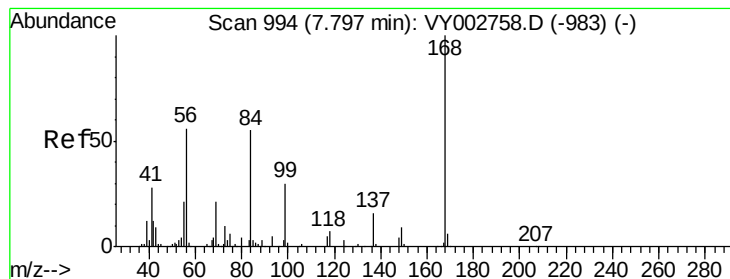
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY061120\
Data File : VY002883.D
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Quant Title : SW846 8260
QLast Update : Wed May 27 13:13:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	95523	21.796	ug/l	100
94) Hexachlorobutadiene	15.11	225	55054	22.148	ug/l	99
95) Naphthalene	15.23	128	190204	21.645	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	86203	22.026	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002883.D

Acq: 11 Jun 2020 11:47

Instrument :

MSVOA_Y

ClientSampleId :

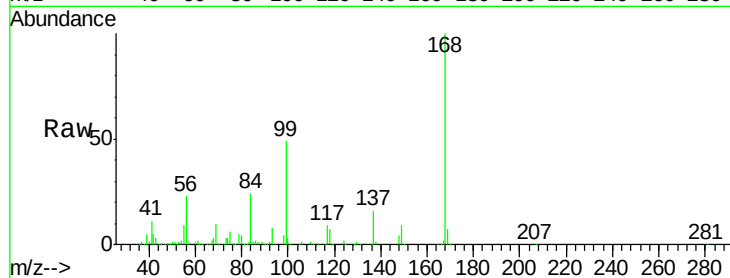
VY0611SBS01

Tot Ion:168 Resp: 269981

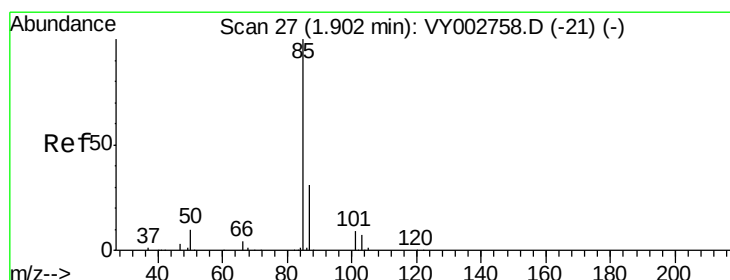
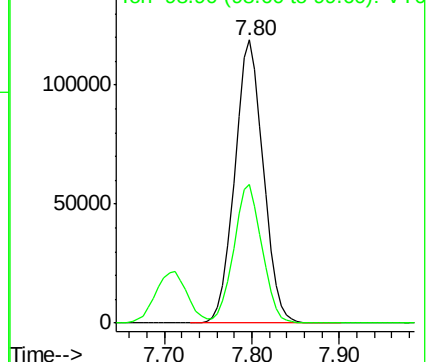
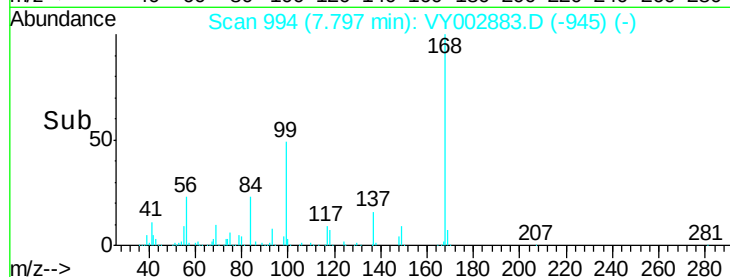
Ion Ratio Lower Upper

168 100

99 49.2 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): VY002883.D (-945) (-)



#2

Dichlorodifluoromethane

Concen: 19.335 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY002883.D

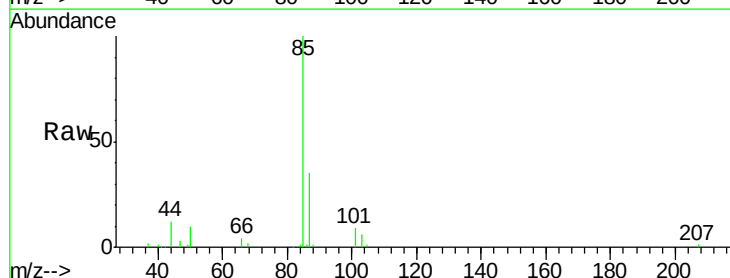
Acq: 11 Jun 2020 11:47

Tgt Ion: 85 Resp: 35919

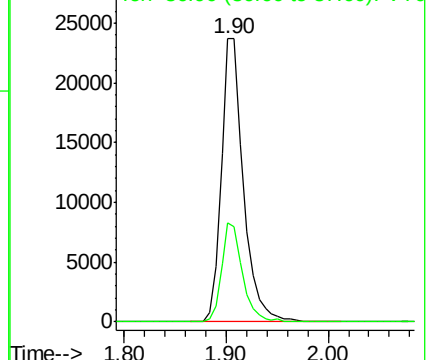
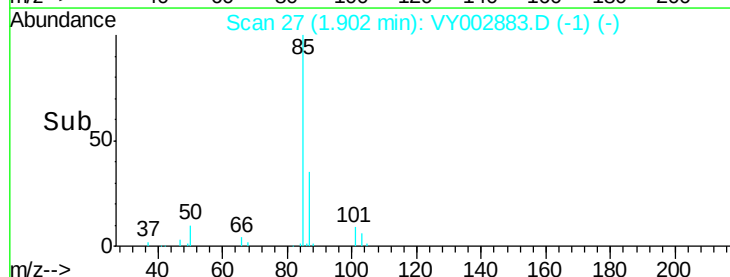
Ion Ratio Lower Upper

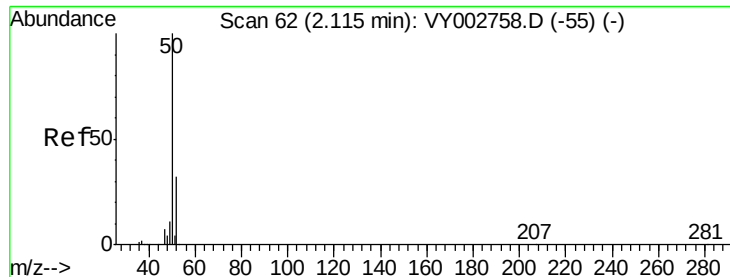
85 100

87 35.2 15.5 46.5



Abundance Ion 84.90 (84.60 to 85.60): VY002883.D (-1) (-)





#3

Chloromethane

Concen: 19.225 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY002883.D

Acq: 11 Jun 2020 11:47

Instrument :

MSVOA_Y

ClientSampleId :

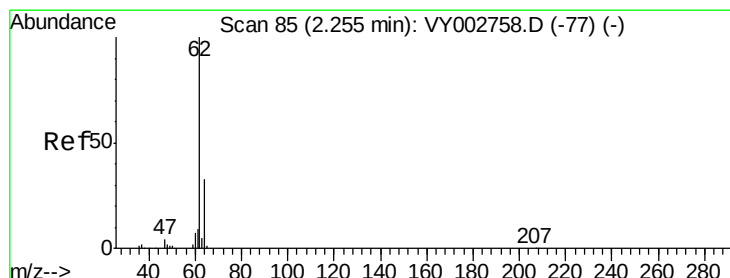
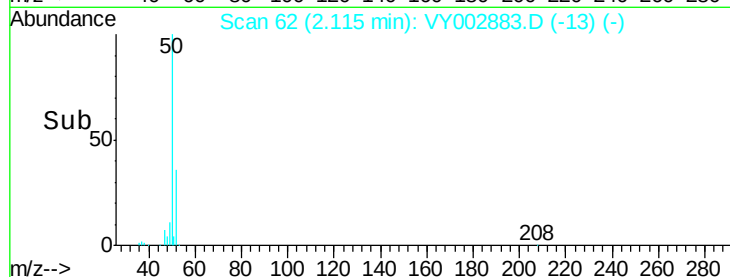
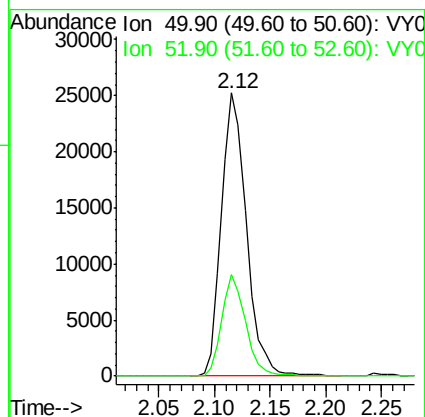
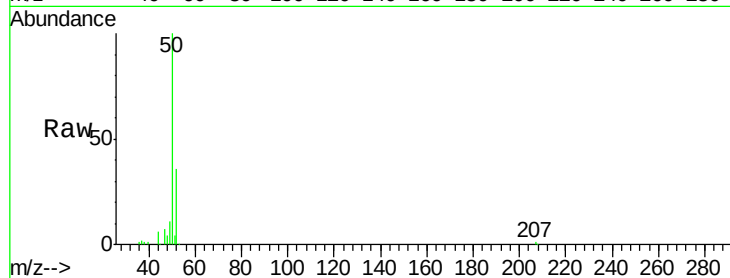
VY0611SBSD01

Tot Ion: 50 Resp: 39503

Ion Ratio Lower Upper

50 100

52 36.0 25.8 38.6



#4

Vinyl Chloride

Concen: 20.018 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.00 min

Lab File: VY002883.D

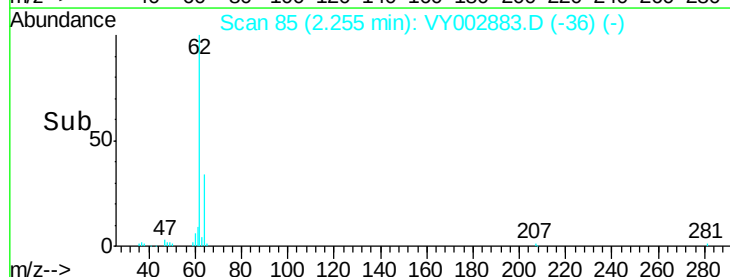
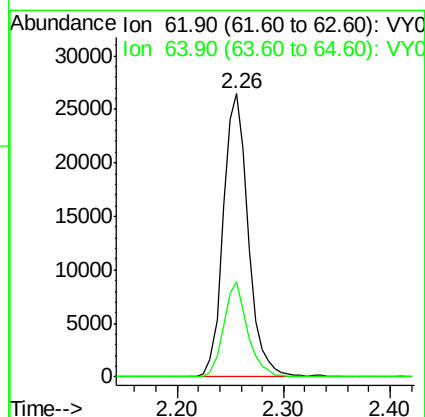
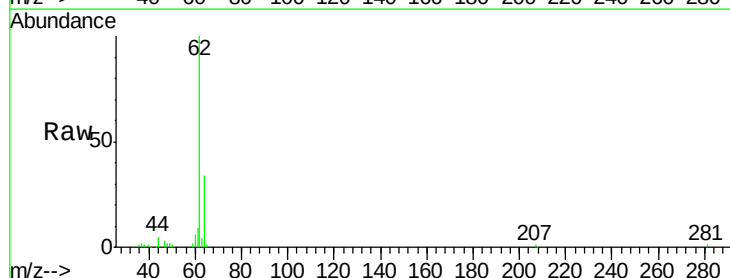
Acq: 11 Jun 2020 11:47

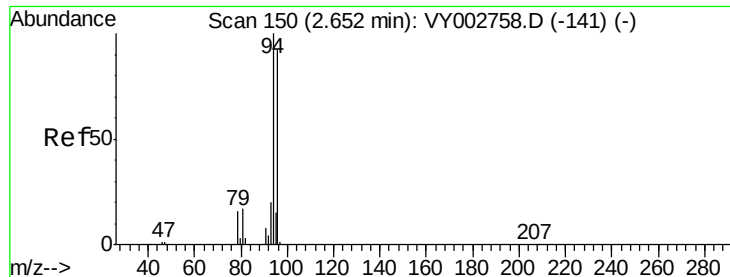
Tgt Ion: 62 Resp: 43477

Ion Ratio Lower Upper

62 100

64 33.9 26.1 39.1





#5

Bromomethane

Concen: 20.821 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY002883.D

Acq: 11 Jun 2020 11:47

Instrument :

MSVOA_Y

ClientSampleId :

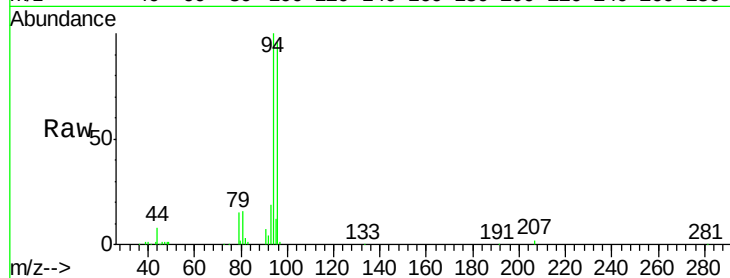
VY0611SBS01

Tot Ion: 94 Resp: 33887

Ion Ratio Lower Upper

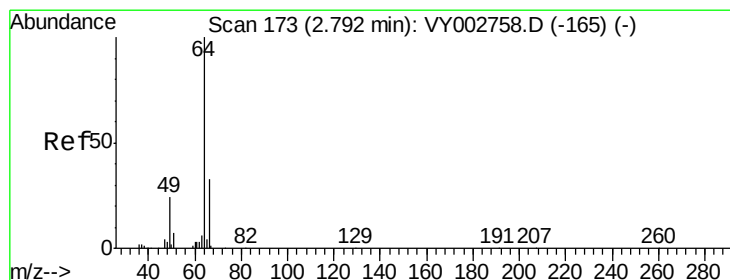
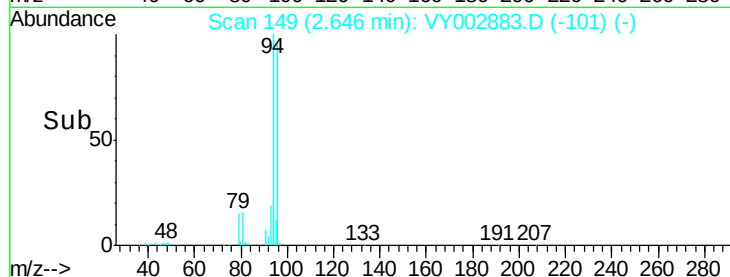
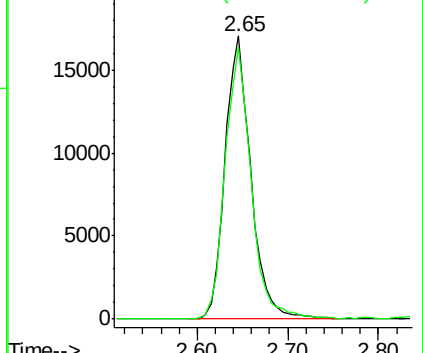
94 100

96 96.2 73.7 110.5



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 21.185 ug/l

RT: 2.79 min Scan# 173

Delta R.T. 0.00 min

Lab File: VY002883.D

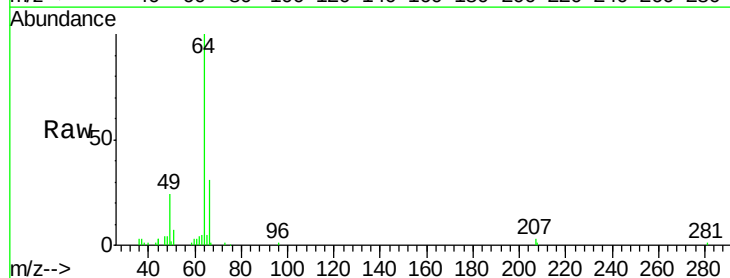
Acq: 11 Jun 2020 11:47

Tgt Ion: 64 Resp: 29827

Ion Ratio Lower Upper

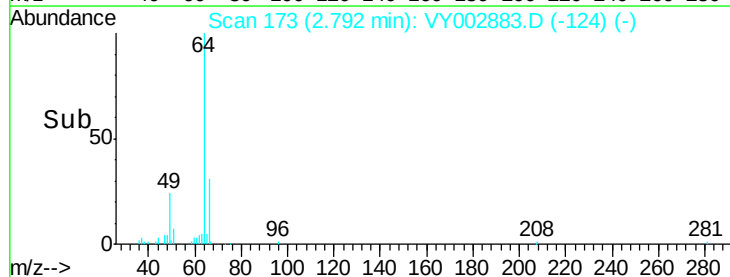
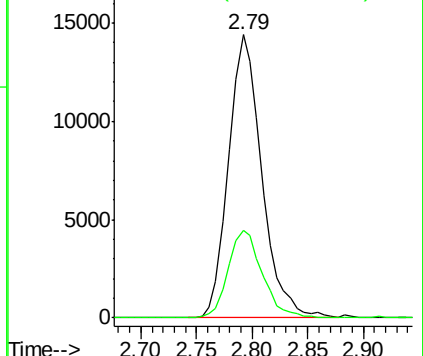
64 100

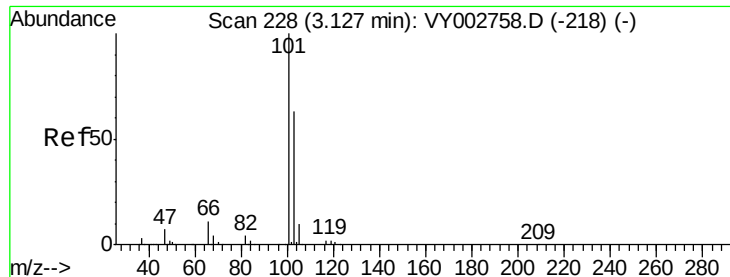
66 30.7 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



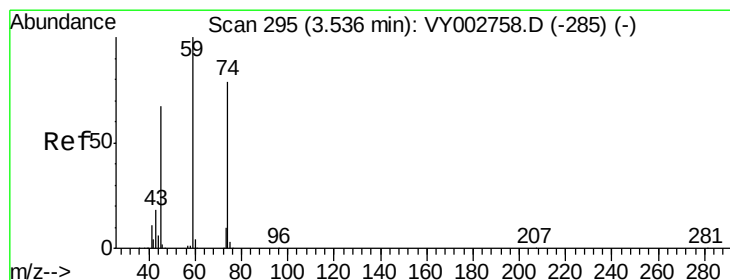
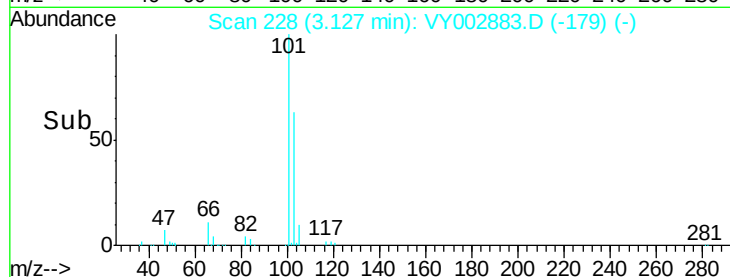
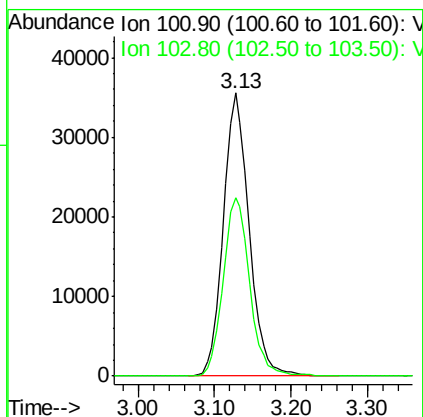
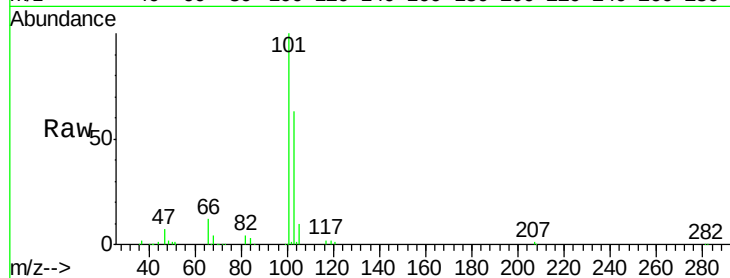


#7

Trichlorofluoromethane
Concen: 21.574 ug/l
RT: 3.13 min Scan# 228
Delta R.T. 0.00 min
Lab File: VY002883.D
Acq: 11 Jun 2020 11:47

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBSD01

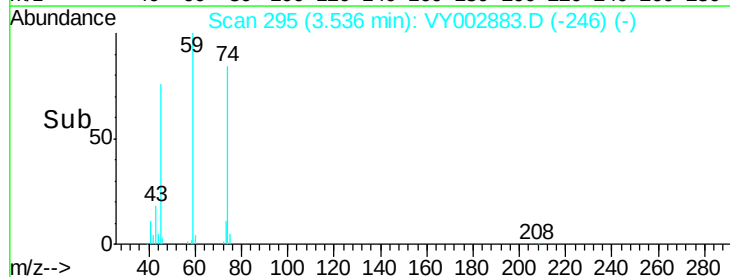
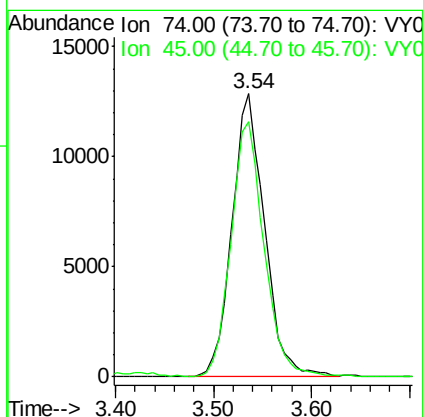
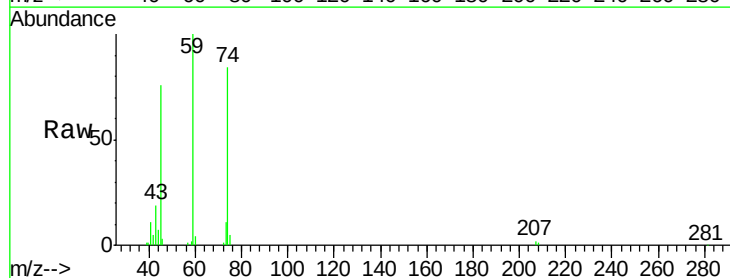
Tot Ion:101 Resp: 82984
Ion Ratio Lower Upper
101 100
103 62.8 50.6 76.0

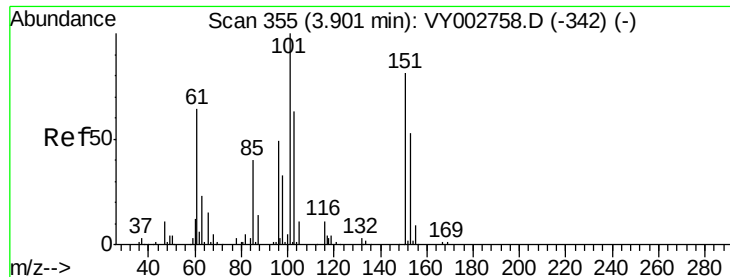


#8

Diethyl Ether
Concen: 19.768 ug/l
RT: 3.54 min Scan# 295
Delta R.T. 0.00 min
Lab File: VY002883.D
Acq: 11 Jun 2020 11:47

Tgt Ion: 74 Resp: 29691
Ion Ratio Lower Upper
74 100
45 91.6 44.0 131.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.200 ug/l

RT: 3.90 min Scan# 355

Delta R.T. 0.00 min

Lab File: VY002883.D

Acq: 11 Jun 2020 11:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0611SBSD01

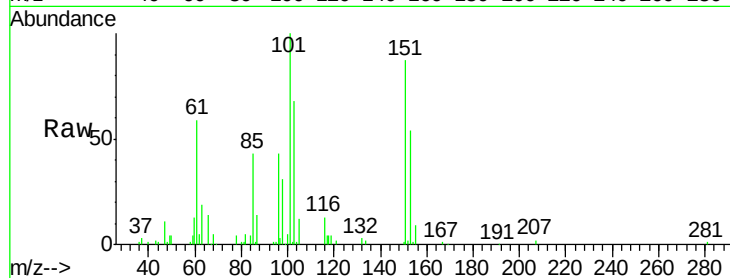
Tot Ion:101 Resp: 48417

Ion Ratio Lower Upper

101 100

85 43.5 32.7 49.1

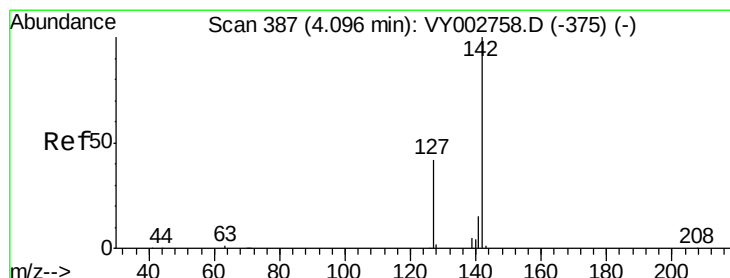
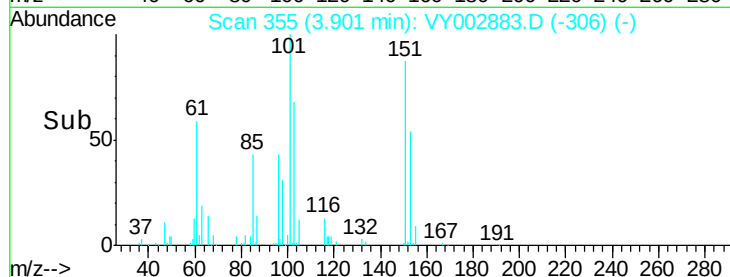
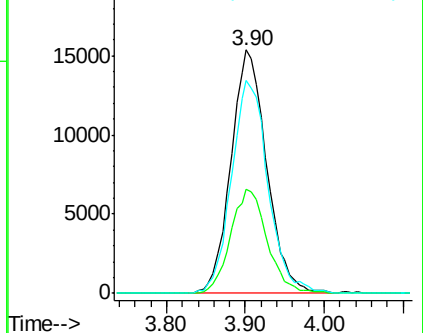
151 89.7 68.0 102.0



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: 20.060 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY002883.D

Acq: 11 Jun 2020 11:47

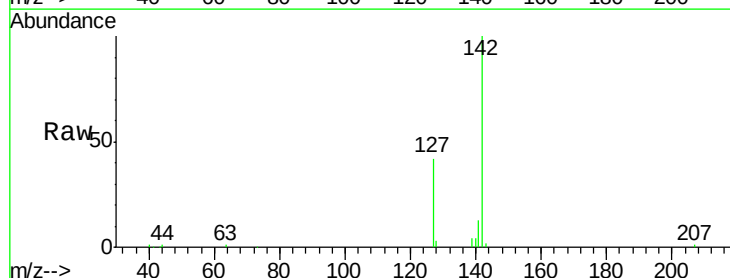
Tgt Ion:142 Resp: 64106

Ion Ratio Lower Upper

142 100

127 40.9 33.3 49.9

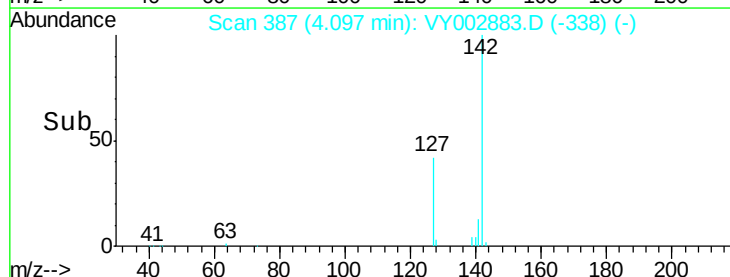
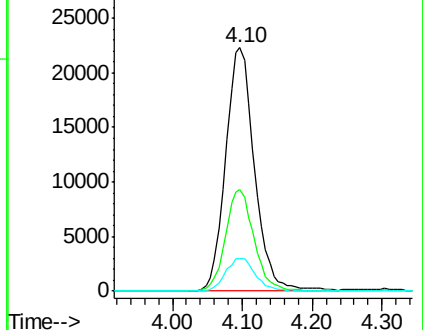
141 14.0 11.5 17.3

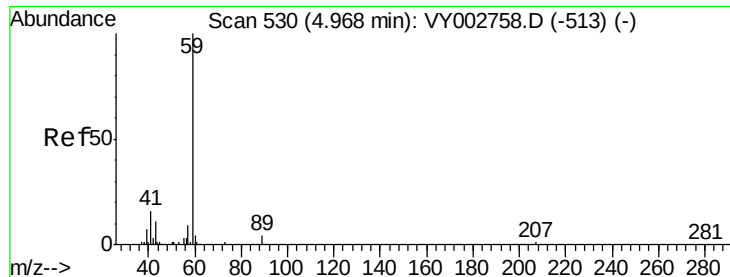


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

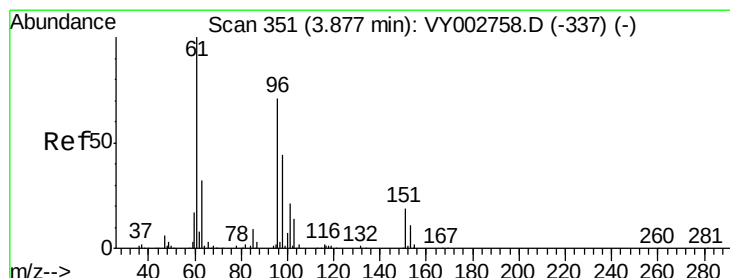
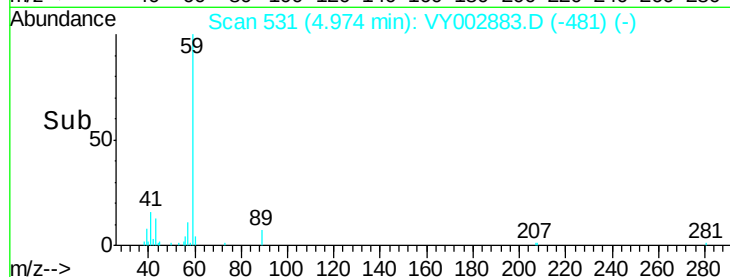
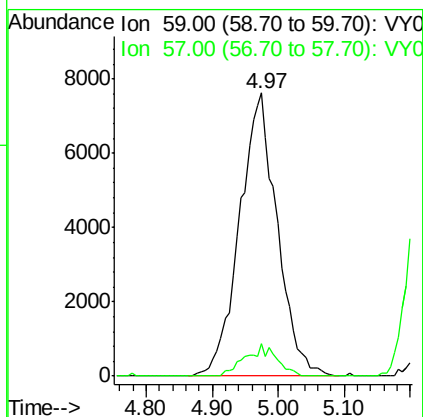
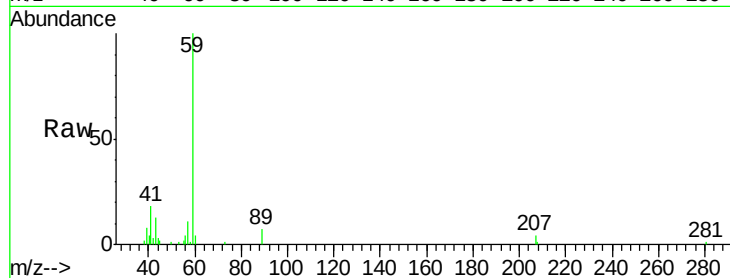




#11
Tert butyl alcohol
Concen: 112.374 ug/l
RT: 4.97 min Scan# 531
Delta R.T. 0.01 min
Lab File: VY002883.D
Acq: 11 Jun 2020 11:47

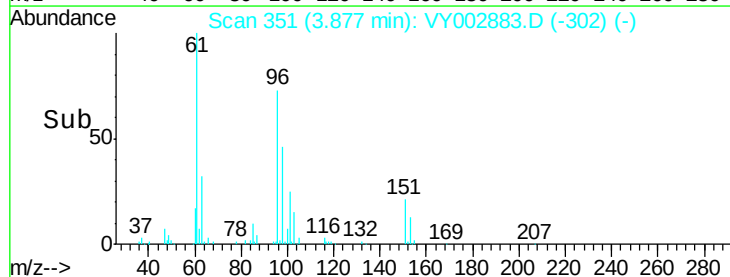
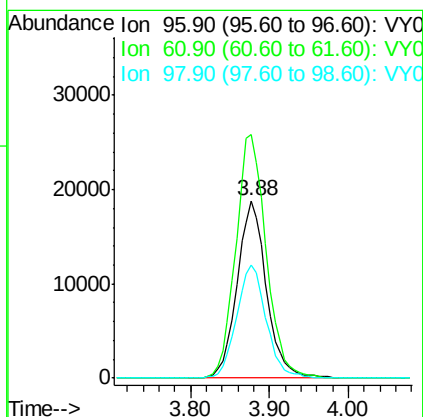
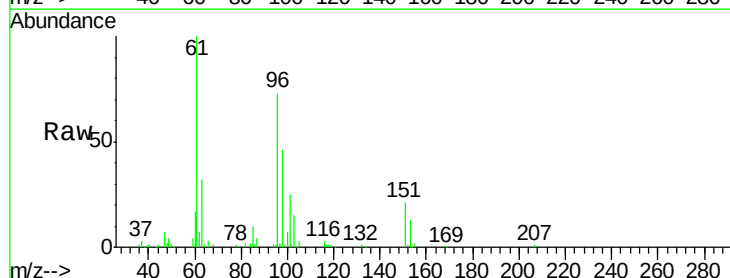
Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBSD01

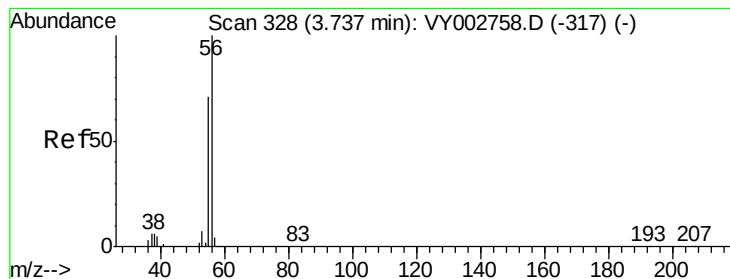
Tot Ion: 59 Resp: 30084
Ion Ratio Lower Upper
59 100
57 9.3 7.7 11.5



#12
1,1-Dichloroethene
Concen: 21.132 ug/l
RT: 3.88 min Scan# 351
Delta R.T. 0.00 min
Lab File: VY002883.D
Acq: 11 Jun 2020 11:47

Tgt Ion: 96 Resp: 48535
Ion Ratio Lower Upper
96 100
61 137.5 112.6 168.8
98 63.9 50.0 75.0





#13

Acrolein

Concen: 78.195 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY002883.D

Acq: 11 Jun 2020 11:47

Instrument :

MSVOA_Y

ClientSampleId :

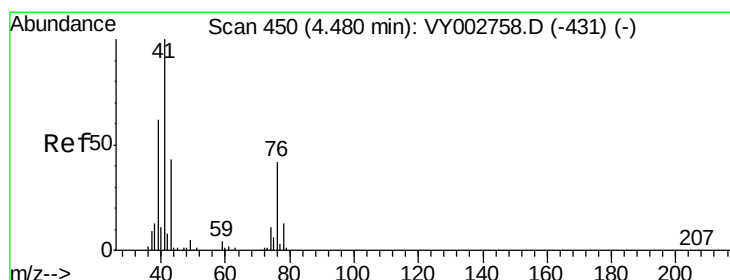
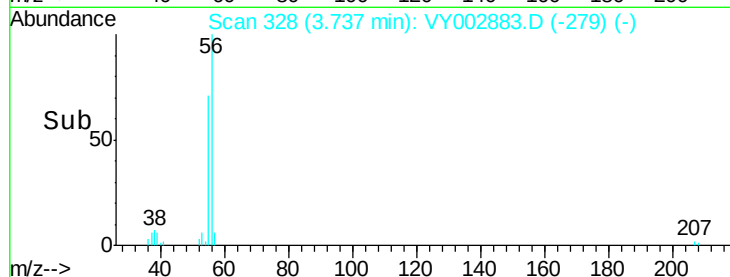
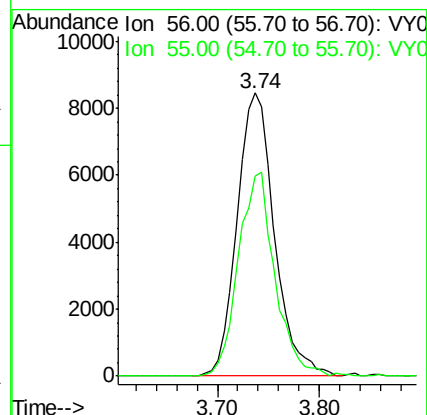
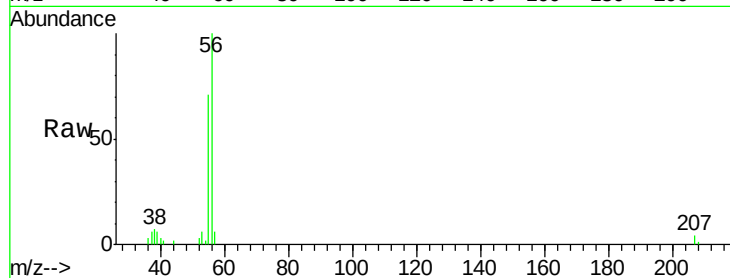
VY0611SBS01

Tot Ion: 56 Resp: 21481

Ion Ratio Lower Upper

56 100

55 70.2 56.0 84.0



#14

Allyl chloride

Concen: 21.399 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY002883.D

Acq: 11 Jun 2020 11:47

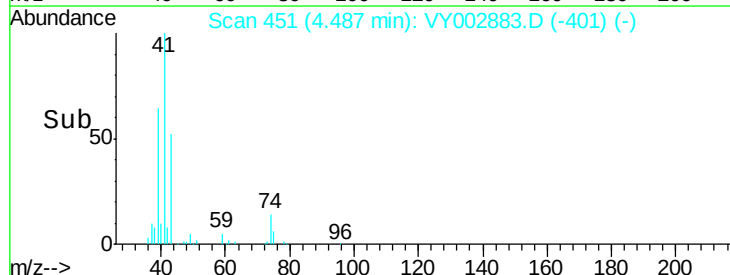
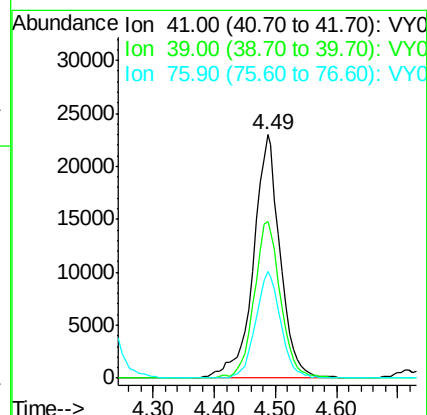
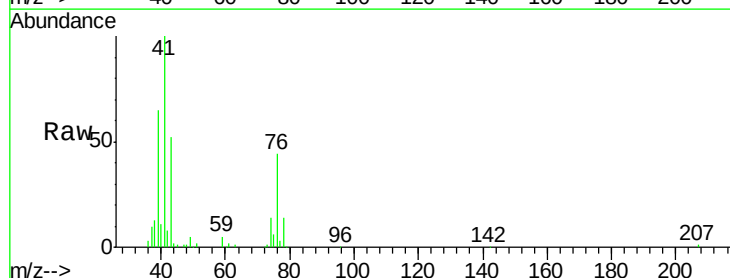
Tgt Ion: 41 Resp: 70489

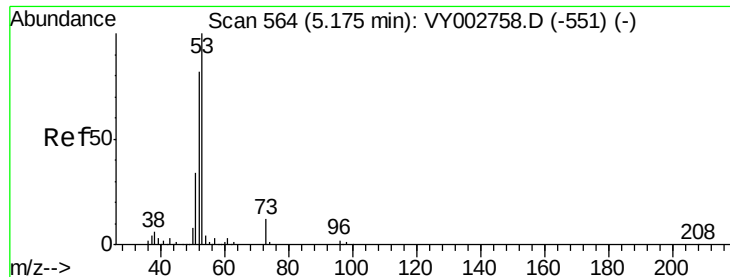
Ion Ratio Lower Upper

41 100

39 63.5 49.9 74.9

76 40.9 33.2 49.8





#15

Acrylonitrile

Concen: 113.531 ug/l

RT: 5.18 min Scan# 565

Delta R.T. 0.01 min

Lab File: VY002883.D

Acq: 11 Jun 2020 11:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0611SBS01

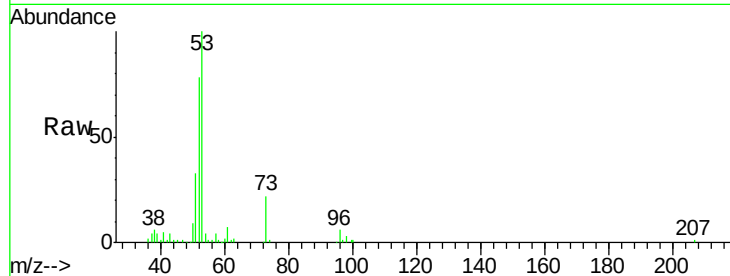
Tot Ion: 53 Resp: 76927

Ion Ratio Lower Upper

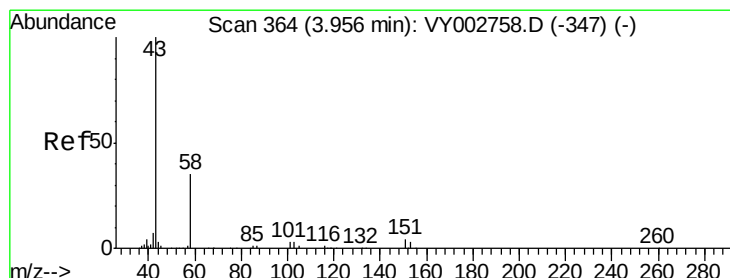
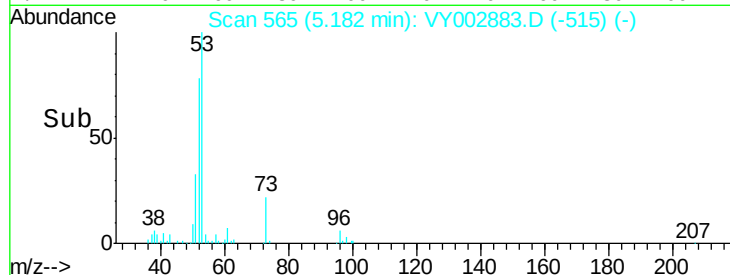
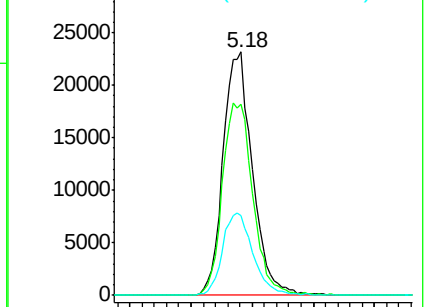
53 100

52 81.9 65.3 97.9

51 34.8 28.0 42.0



Abundance Ion 53.00 (52.70 to 53.70): VY0
Ion 52.00 (51.70 to 52.70): VY0
Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 110.864 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.00 min

Lab File: VY002883.D

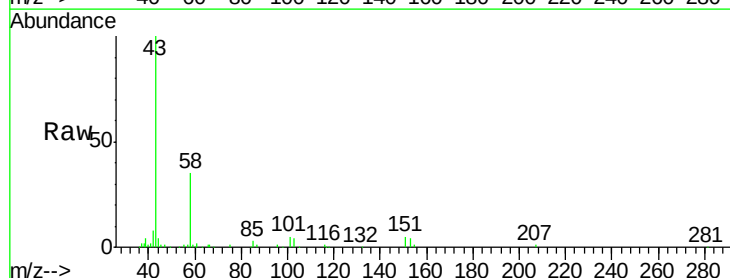
Acq: 11 Jun 2020 11:47

Tgt Ion: 43 Resp: 60940

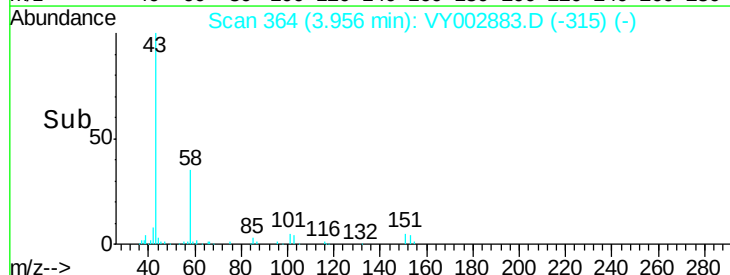
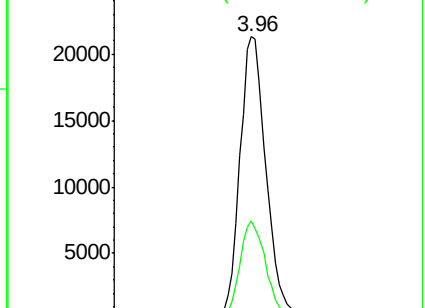
Ion Ratio Lower Upper

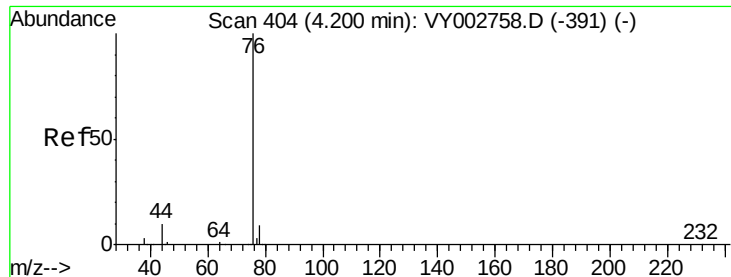
43 100

58 35.2 27.7 41.5



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





#17

Carbon Disulfide

Concen: 19.551 ug/l

RT: 4.19 min Scan# 403

Delta R.T. -0.01 min

Lab File: VY002883.D

Acq: 11 Jun 2020 11:47

Instrument :

MSVOA_Y

ClientSampleId :

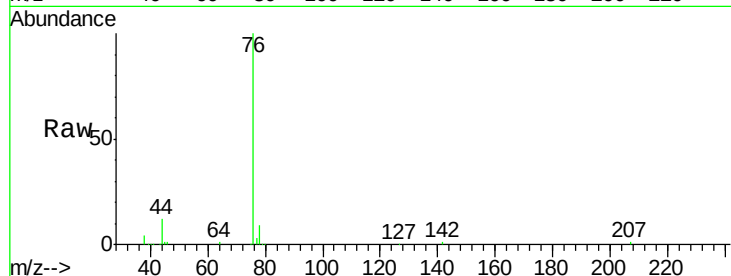
VY0611SBS01

Tot Ion: 76 Resp: 135690

Ion Ratio Lower Upper

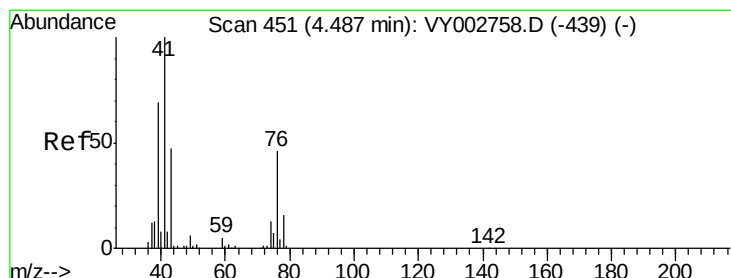
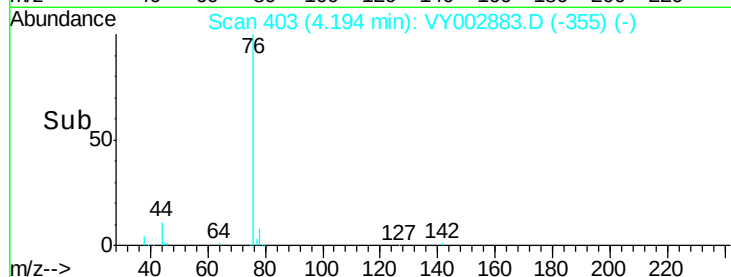
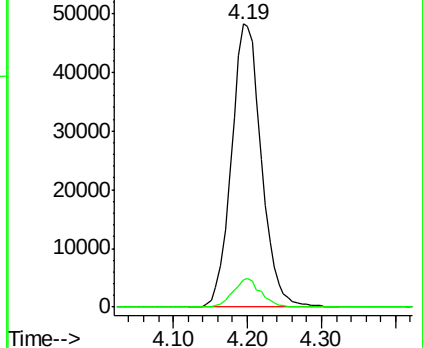
76 100

78 9.5 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 25.578 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY002883.D

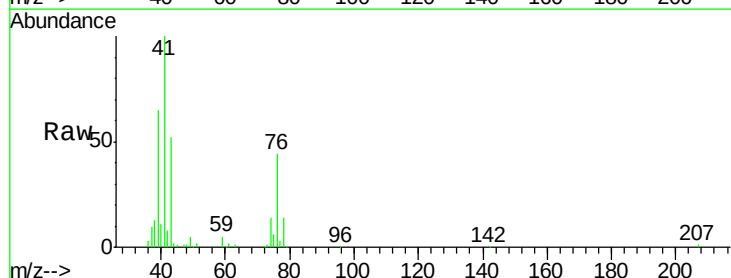
Acq: 11 Jun 2020 11:47

Tgt Ion: 43 Resp: 35931

Ion Ratio Lower Upper

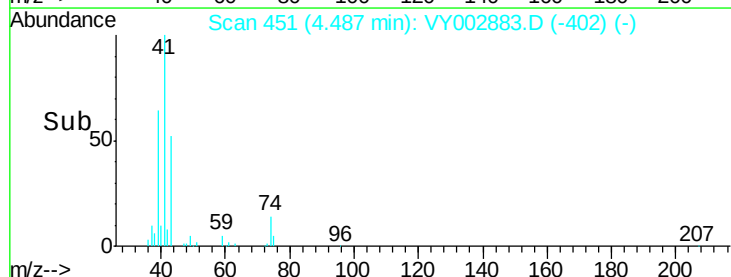
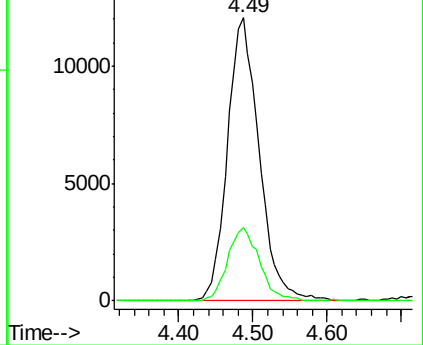
43 100

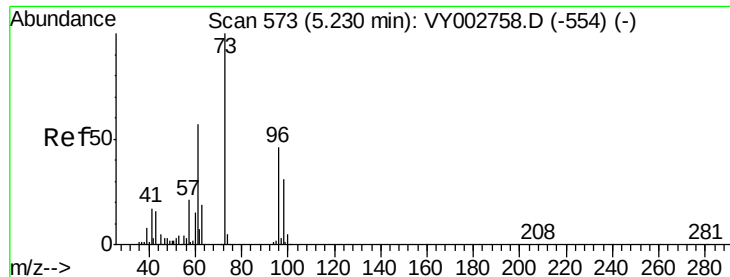
74 26.0 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0



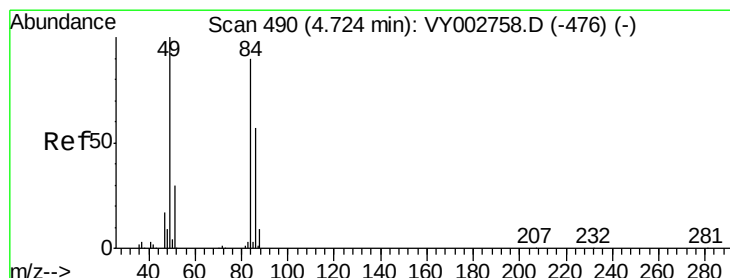
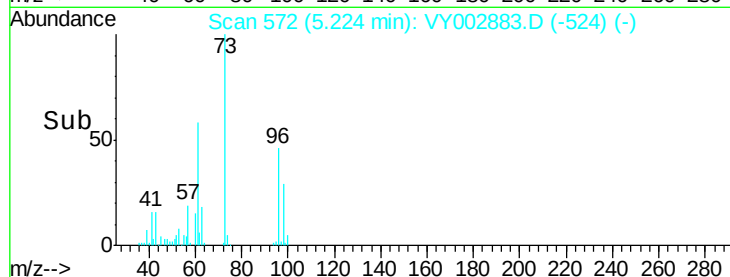
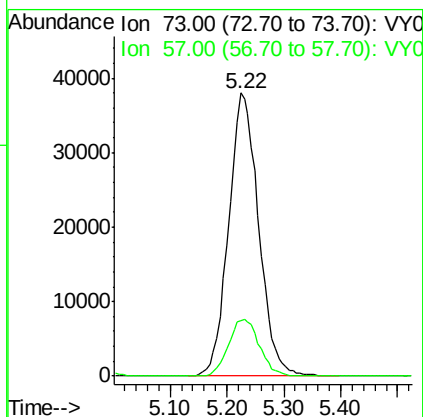
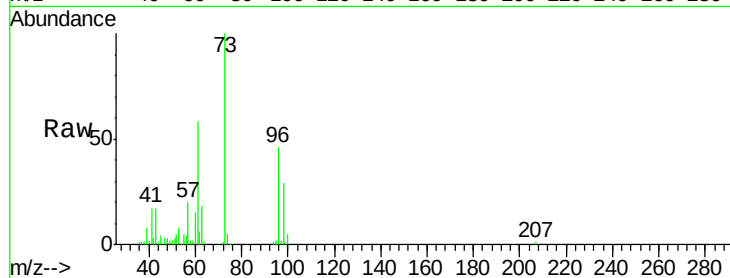


#19

Methyl tert-butyl Ether
 Concen: 22.011 ug/l
 RT: 5.22 min Scan# 572
 Delta R.T. -0.01 min
 Lab File: VY002883.D
 Acq: 11 Jun 2020 11:47

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0611SBS01

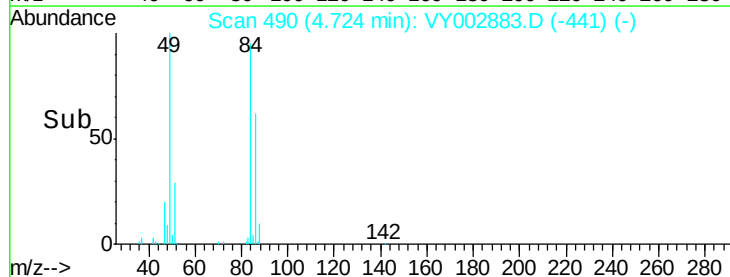
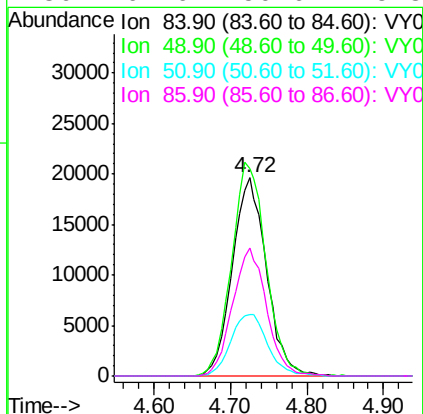
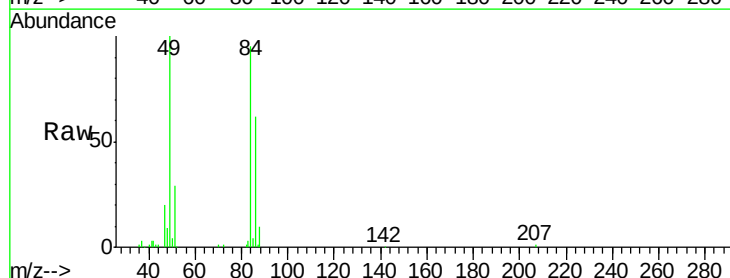
Tot Ion: 73 Resp: 139565
 Ion Ratio Lower Upper
 73 100
 57 19.6 17.0 25.4

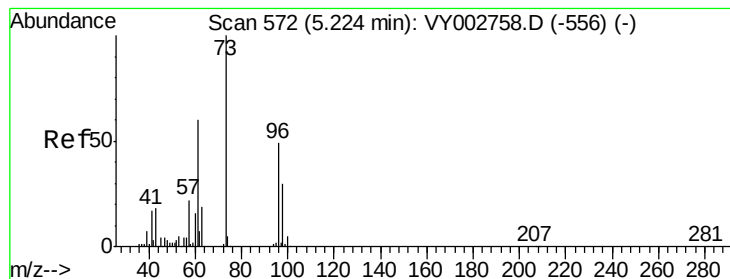


#20

Methylene Chloride
 Concen: 22.537 ug/l
 RT: 4.72 min Scan# 490
 Delta R.T. 0.00 min
 Lab File: VY002883.D
 Acq: 11 Jun 2020 11:47

Tgt Ion: 84 Resp: 60540
 Ion Ratio Lower Upper
 84 100
 49 104.9 88.5 132.7
 51 30.9 26.8 40.2
 86 64.6 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 21.218 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.00 min

Lab File: VY002883.D

Acq: 11 Jun 2020 11:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0611SBS01

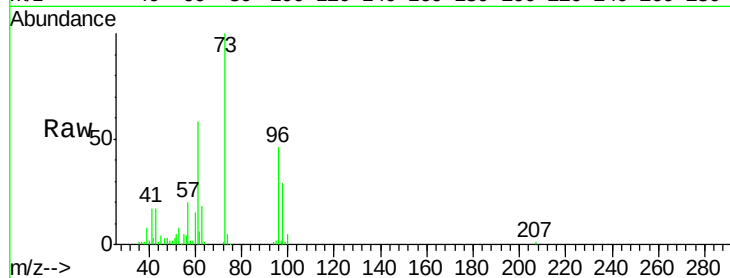
Tot Ion: 96 Resp: 54804

Ion Ratio Lower Upper

96 100

61 127.3 96.8 145.2

98 62.4 49.4 74.0

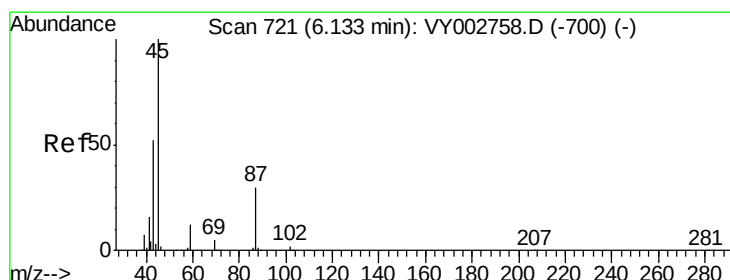
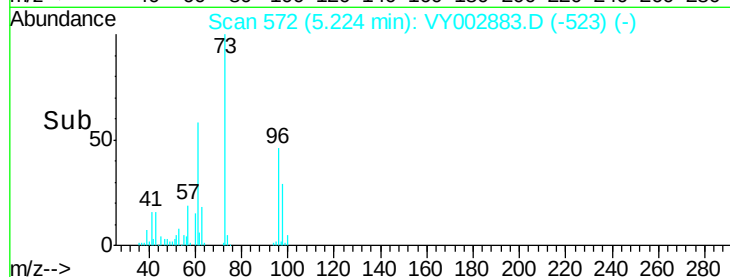
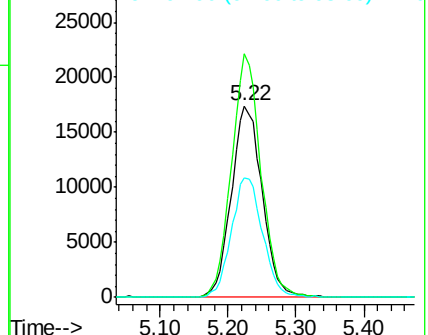


Abundance

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



#22

Diisopropyl ether

Concen: 22.032 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY002883.D

Acq: 11 Jun 2020 11:47

Tgt Ion: 45 Resp: 150818

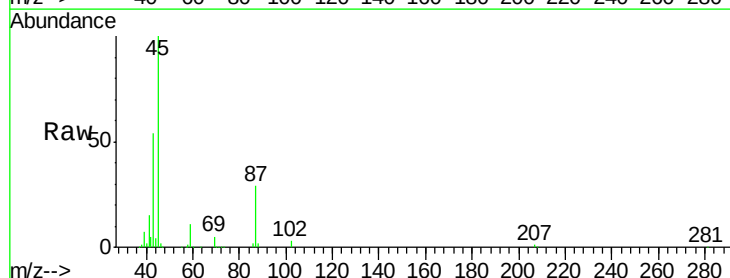
Ion Ratio Lower Upper

45 100

43 54.1 41.7 62.5

87 29.2 24.2 36.2

59 11.1 9.8 14.8



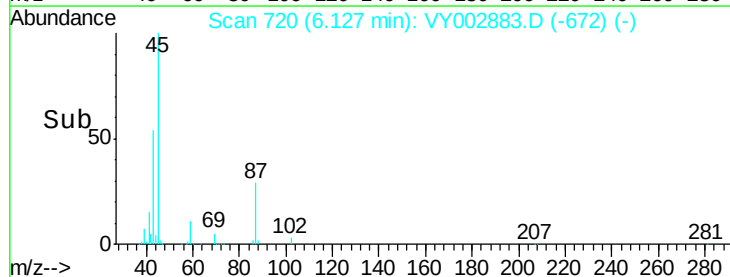
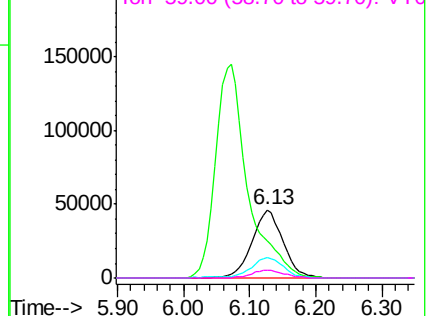
Abundance

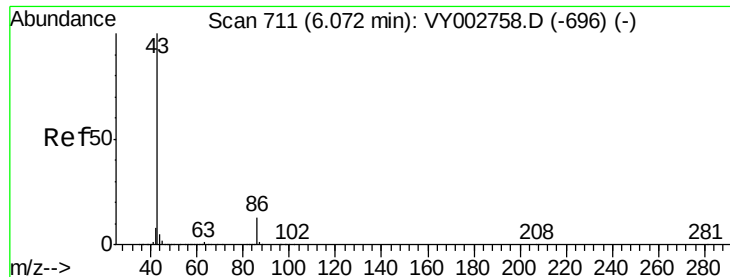
Ion 45.00 (44.70 to 45.70): VY0

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: 107.953 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.00 min

Lab File: VY002883.D

Acq: 11 Jun 2020 11:47

Instrument :

MSVOA_Y

ClientSampleId :

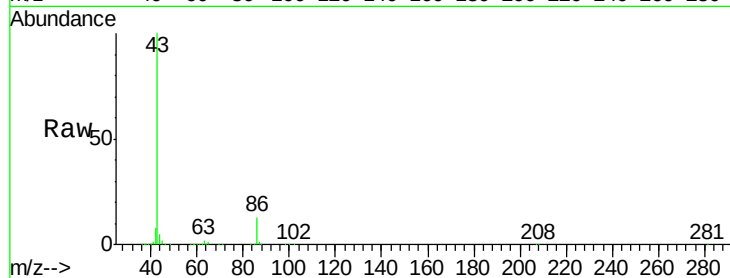
VY0611SBSD01

Tot Ion: 43 Resp: 487889

Ion Ratio Lower Upper

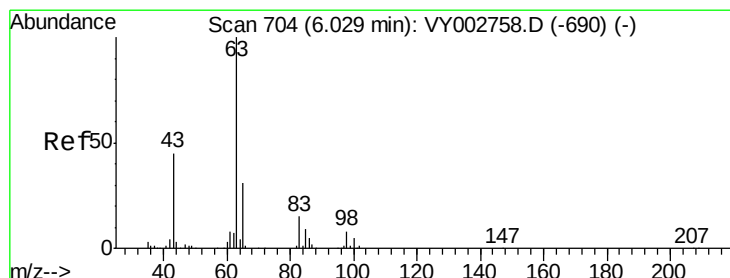
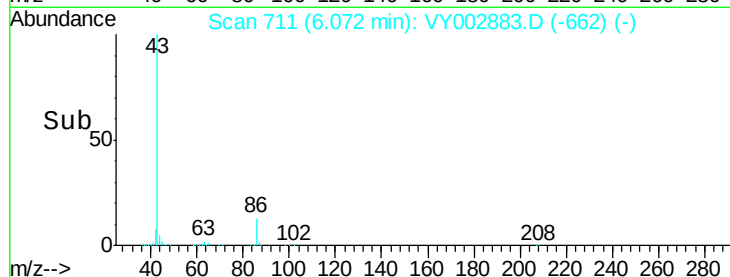
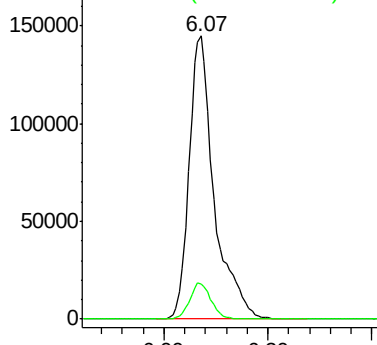
43 100

86 12.6 10.2 15.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 21.789 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY002883.D

Acq: 11 Jun 2020 11:47

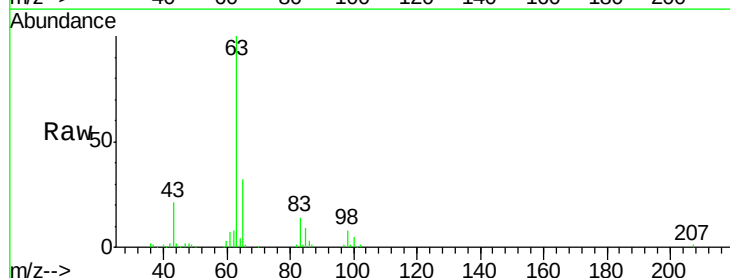
Tgt Ion: 63 Resp: 87251

Ion Ratio Lower Upper

63 100

98 7.6 4.0 12.2

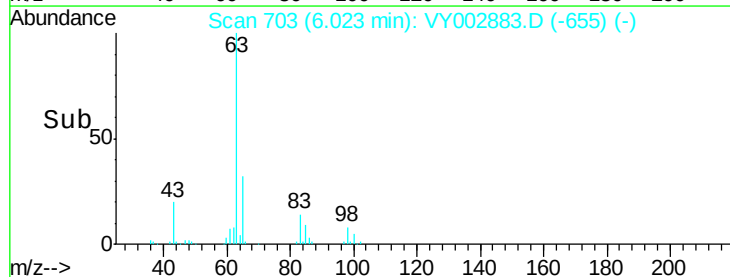
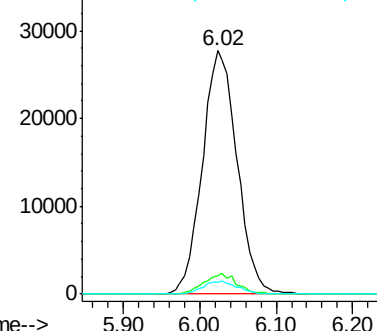
100 4.8 2.4 7.1

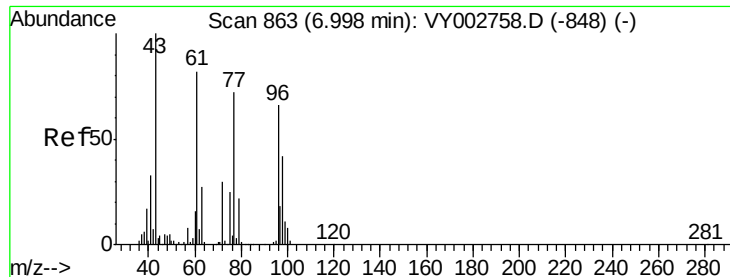


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 108.913 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY002883.D

Acq: 11 Jun 2020 11:47

Instrument :

MSVOA_Y

ClientSampleId :

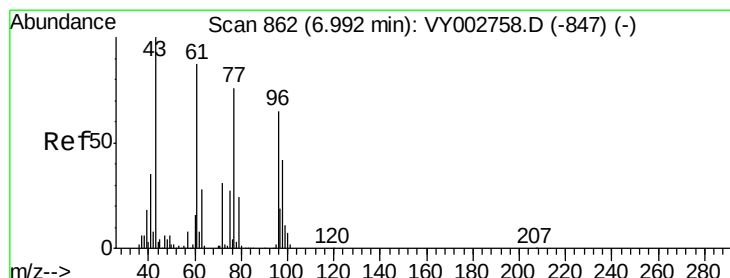
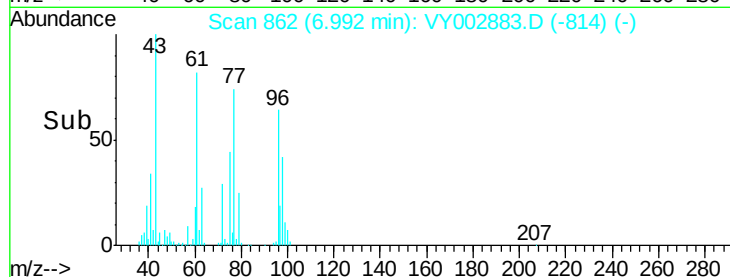
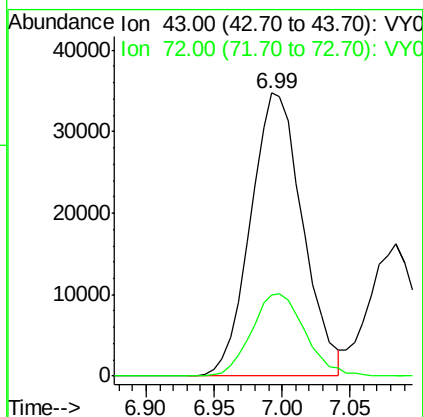
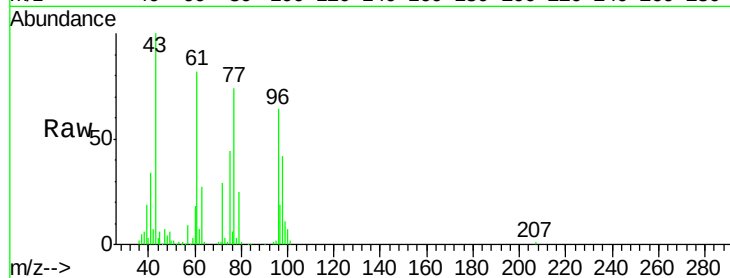
VY0611SBS01

Tot Ion: 43 Resp: 93274

Ion Ratio Lower Upper

43 100

72 28.6 23.9 35.9



#26

2,2-Dichloropropane

Concen: 21.103 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY002883.D

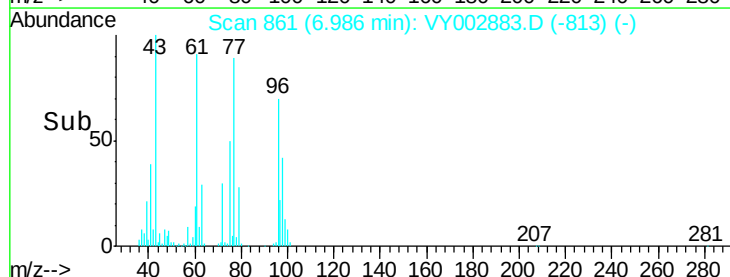
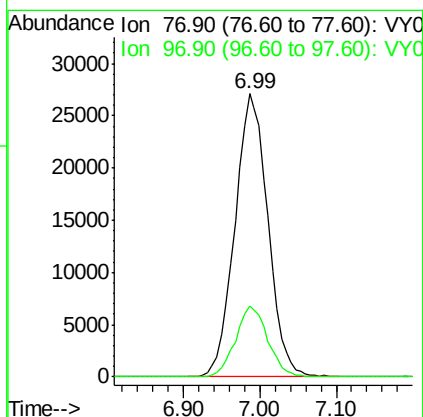
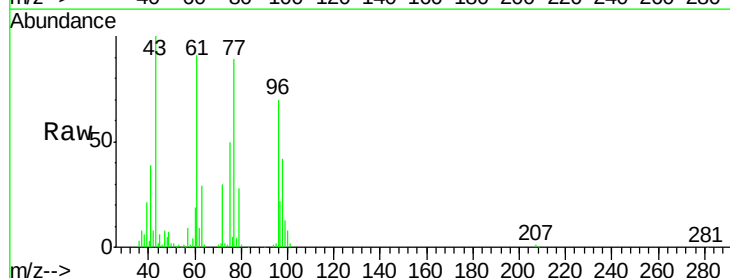
Acq: 11 Jun 2020 11:47

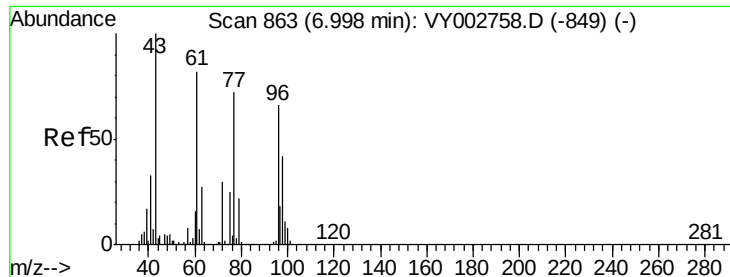
Tgt Ion: 77 Resp: 81044

Ion Ratio Lower Upper

77 100

97 24.3 12.2 36.6



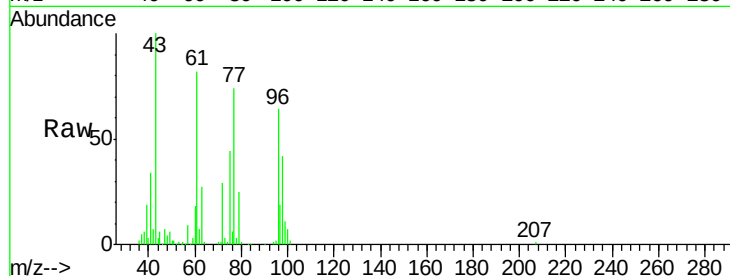


#27

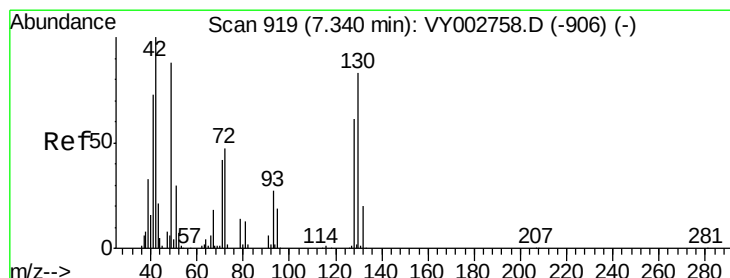
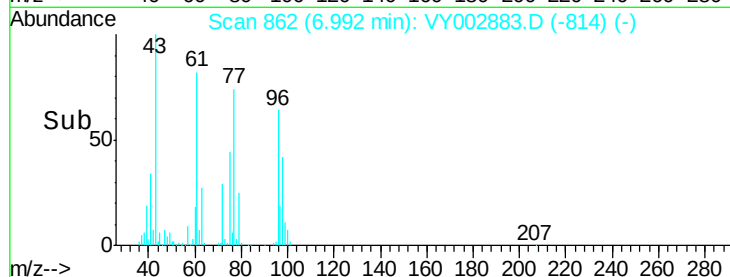
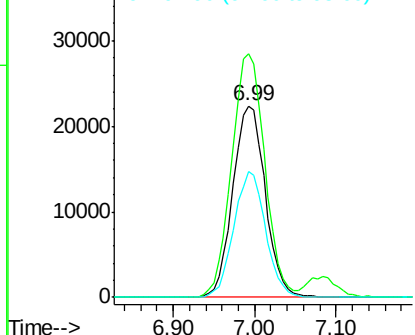
cis-1,2-Dichloroethene
Concen: 21.315 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY002883.D
Acq: 11 Jun 2020 11:47

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

Tot Ion: 96 Resp: 61634
Ion Ratio Lower Upper
96 100
61 130.2 0.0 260.2
98 64.1 0.0 128.2



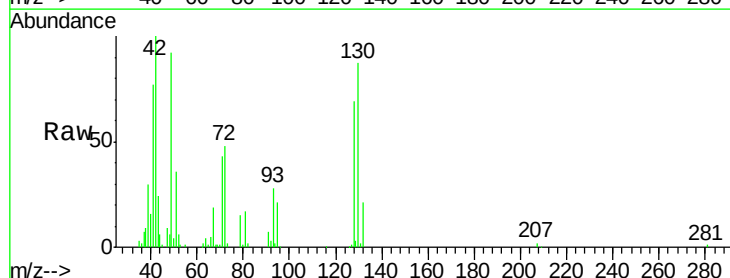
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



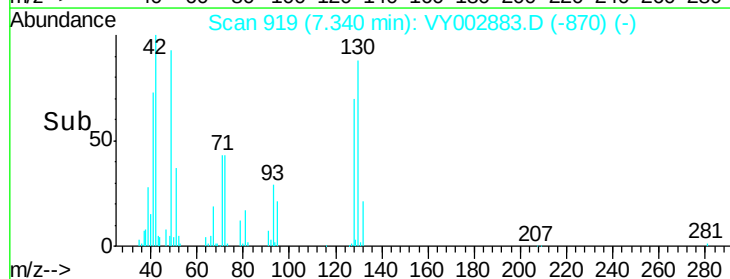
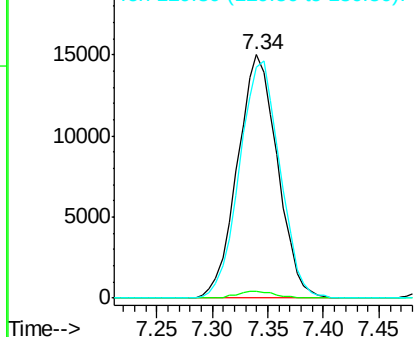
#28

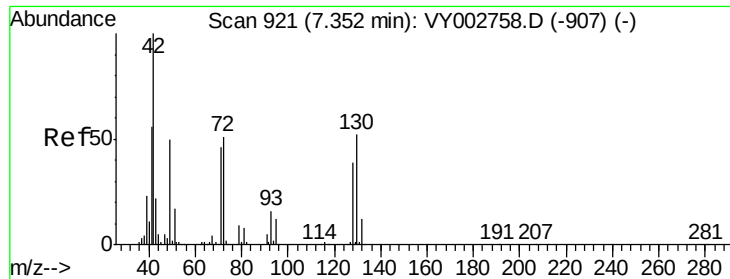
Bromochloromethane
Concen: 22.770 ug/l
RT: 7.34 min Scan# 919
Delta R.T. 0.00 min
Lab File: VY002883.D
Acq: 11 Jun 2020 11:47

Tgt Ion: 49 Resp: 37430
Ion Ratio Lower Upper
49 100
129 2.7 0.0 5.2
130 98.2 77.1 115.7



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: 111.622 ug/l

RT: 7.35 min Scan# 921

Delta R.T. 0.00 min

Lab File: VY002883.D

Acq: 11 Jun 2020 11:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0611SBSD01

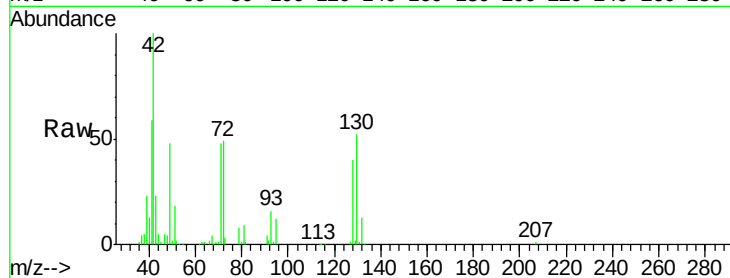
Tot Ion: 42 Resp: 62180

Ion Ratio Lower Upper

42 100

72 48.7 38.6 58.0

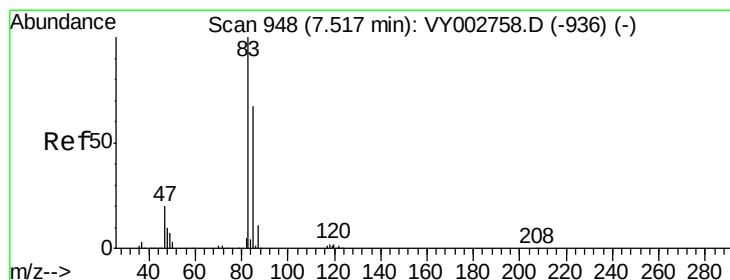
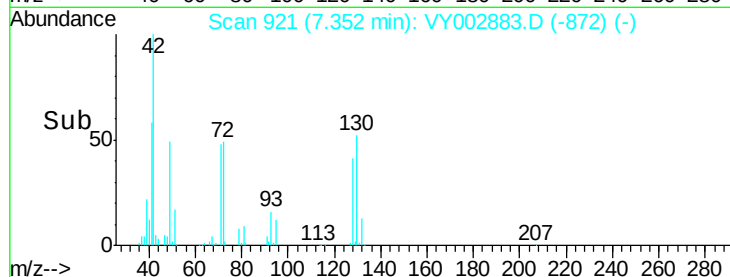
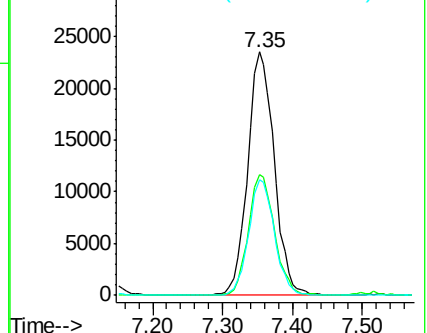
71 46.1 35.8 53.8



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: 22.105 ug/l

RT: 7.52 min Scan# 948

Delta R.T. 0.00 min

Lab File: VY002883.D

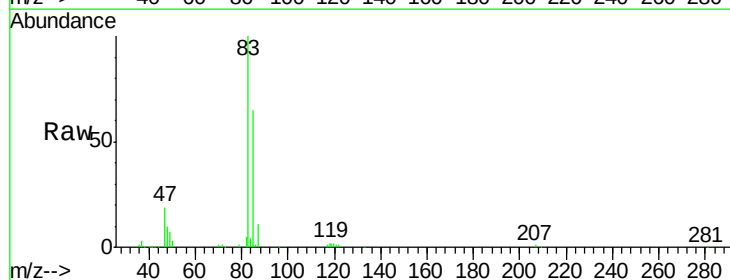
Acq: 11 Jun 2020 11:47

Tgt Ion: 83 Resp: 93926

Ion Ratio Lower Upper

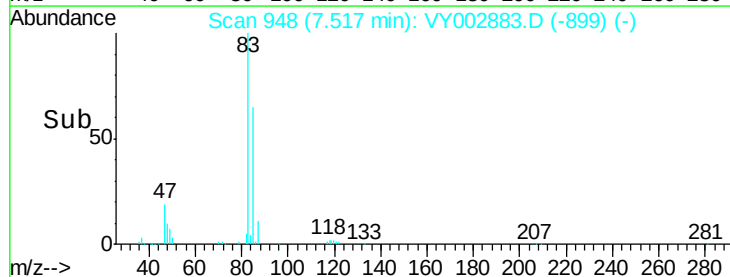
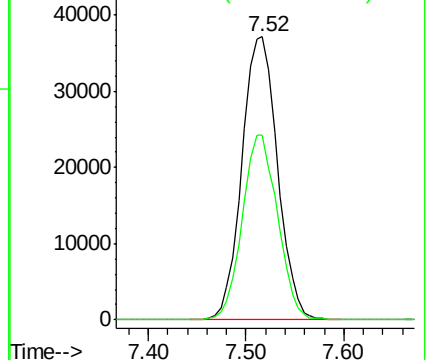
83 100

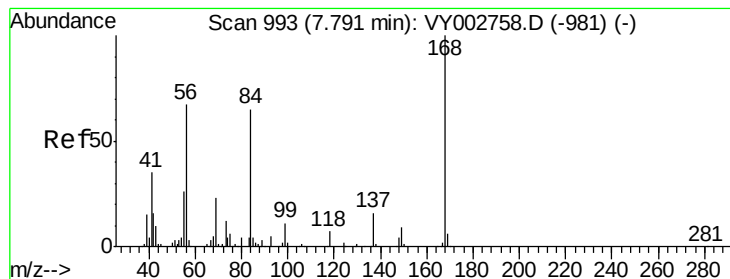
85 65.3 53.8 80.8



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 20.303 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY002883.D

Acq: 11 Jun 2020 11:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0611SBS01

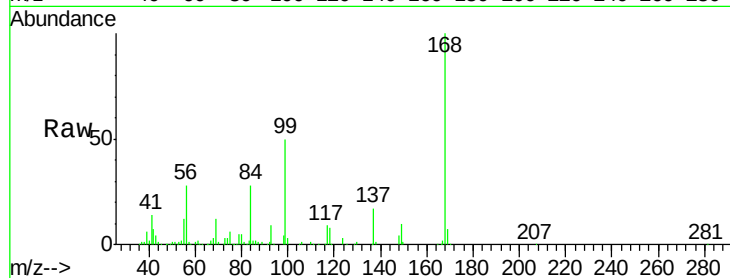
Tot Ion: 56 Resp: 80720

Ion Ratio Lower Upper

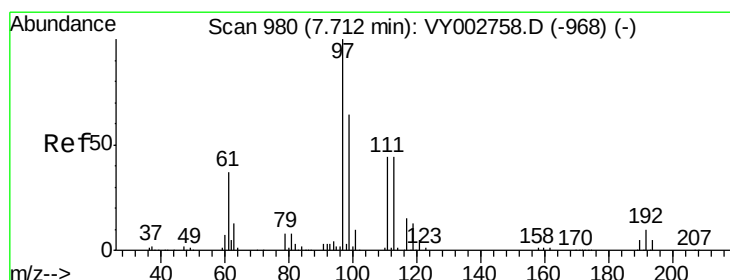
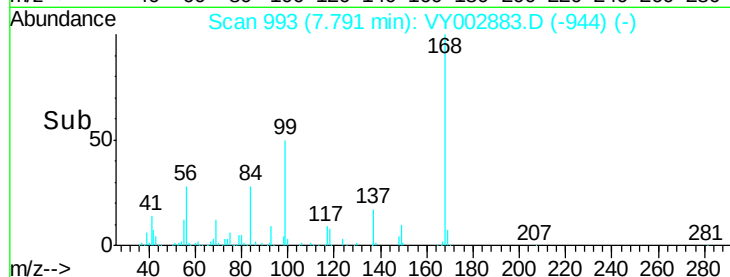
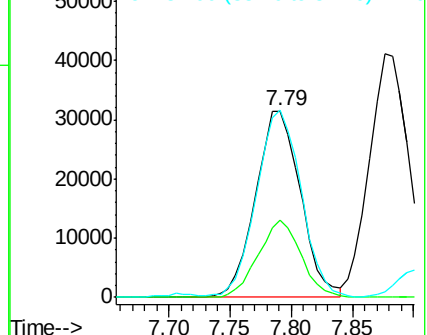
56 100

69 41.1 28.0 42.0

84 99.1 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: 21.546 ug/l

RT: 7.71 min Scan# 979

Delta R.T. -0.01 min

Lab File: VY002883.D

Acq: 11 Jun 2020 11:47

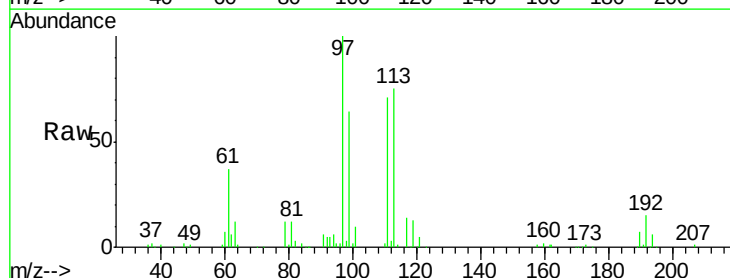
Tgt Ion: 97 Resp: 85312

Ion Ratio Lower Upper

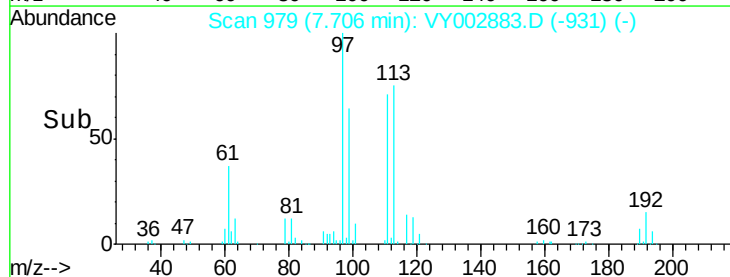
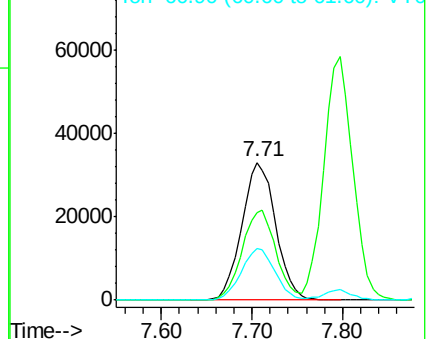
97 100

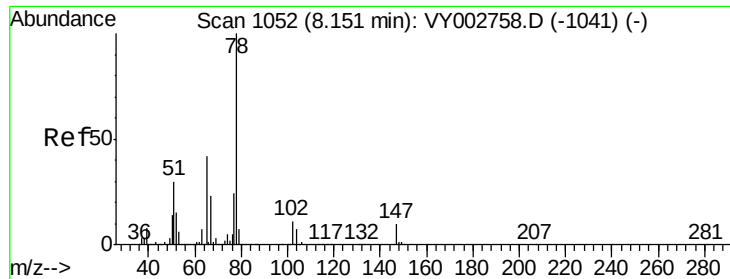
99 65.5 51.4 77.0

61 37.4 30.1 45.1



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

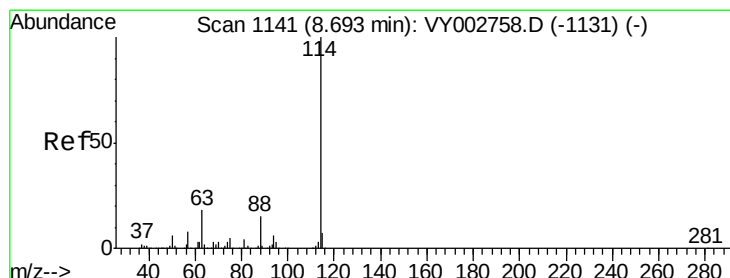
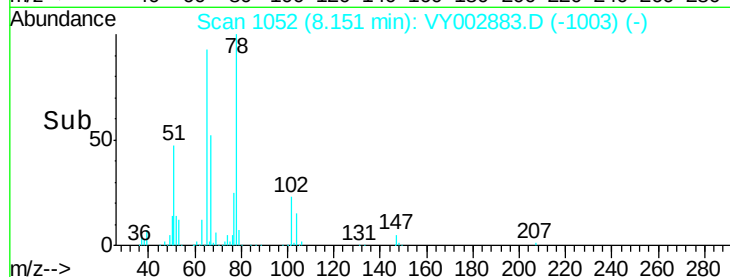
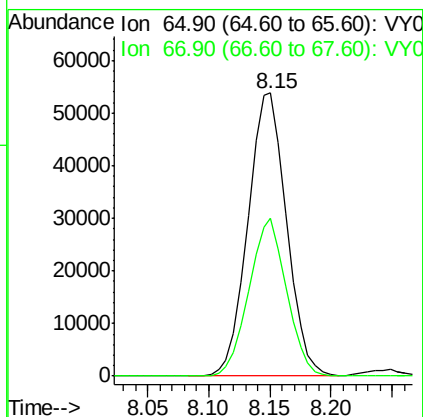
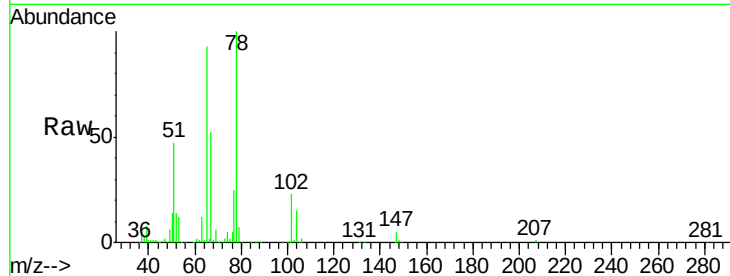




#33
 1,2-Dichloroethane-d4
 Concen: 50.427 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY002883.D
 Acq: 11 Jun 2020 11:47

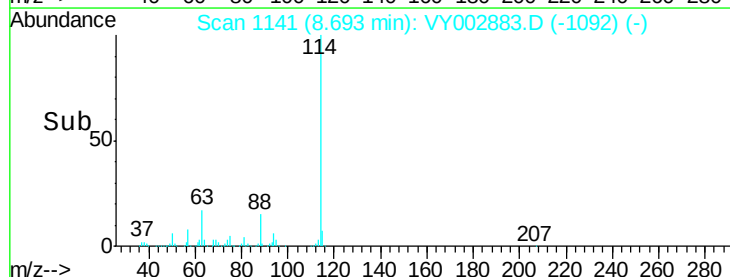
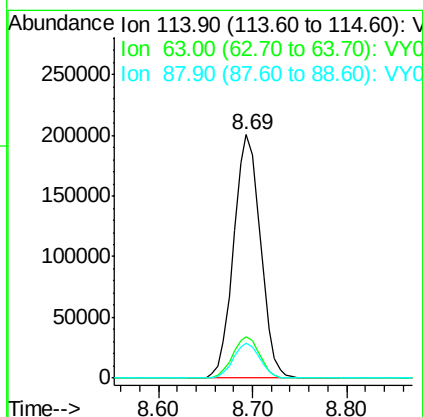
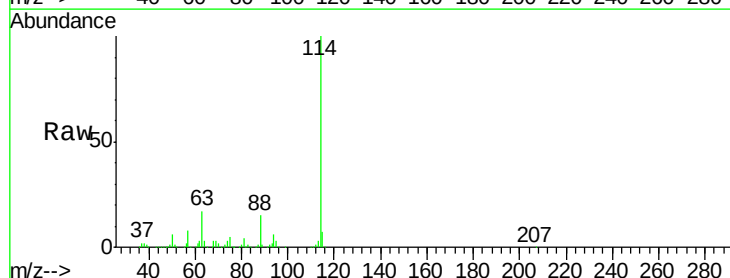
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0611SBS01

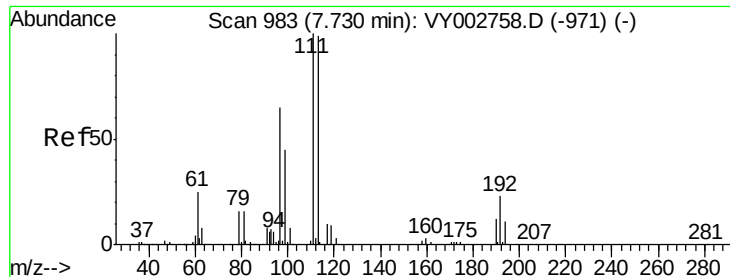
Tot Ion: 65 Resp: 118210
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002883.D
 Acq: 11 Jun 2020 11:47

Tgt Ion: 114 Resp: 396055
 Ion Ratio Lower Upper
 114 100
 63 16.9 0.0 35.2
 88 14.6 0.0 29.2

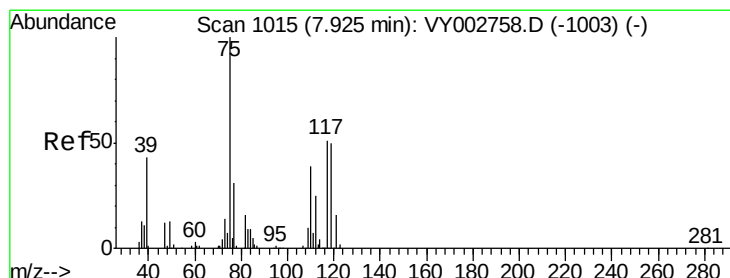
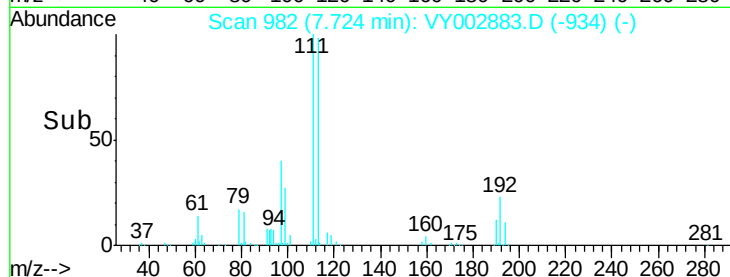
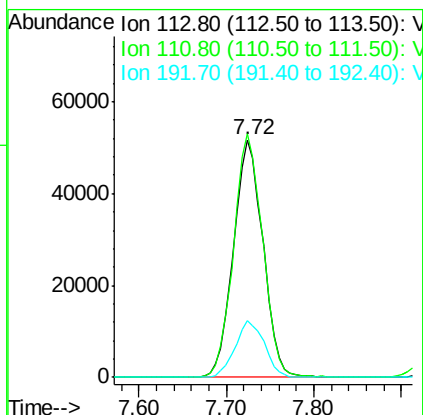
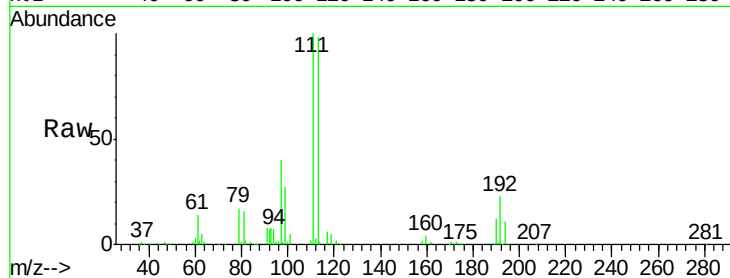




#35
 Dibromofluoromethane
 Concen: 52.289 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002883.D
 Acq: 11 Jun 2020 11:47

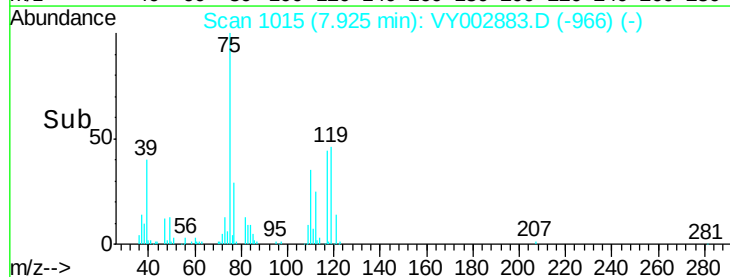
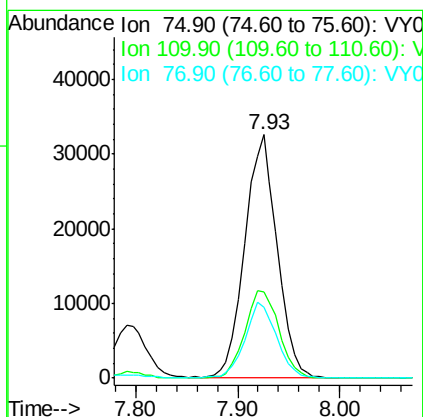
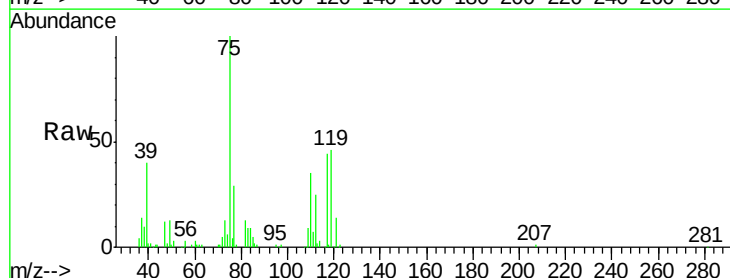
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0611SBSD01

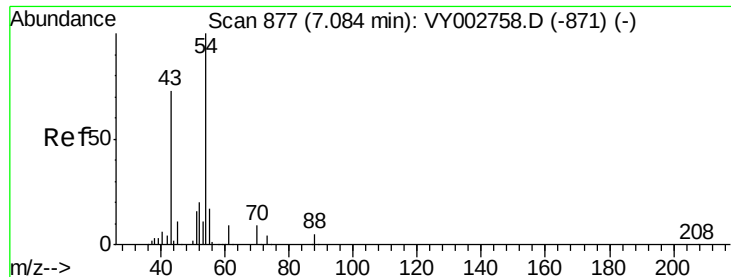
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.4	82.0	123.0
192	23.6	18.9	28.3



#36
 1,1-Dichloropropene
 Concen: 21.612 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: VY002883.D
 Acq: 11 Jun 2020 11:47

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.6	19.3	57.9
77	30.4	24.8	37.2

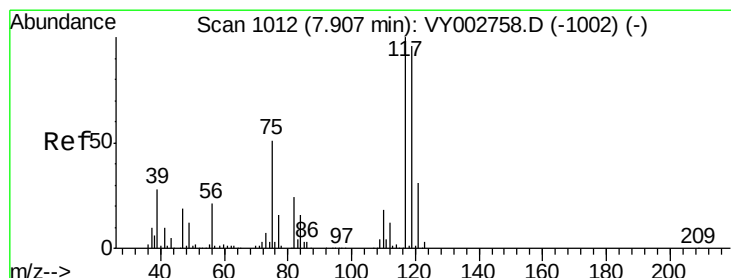
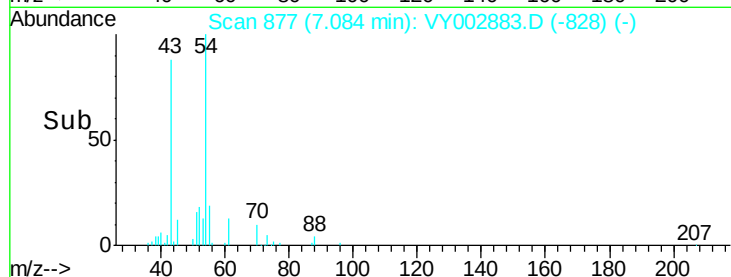
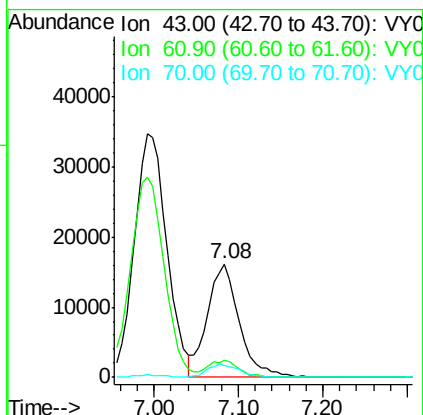
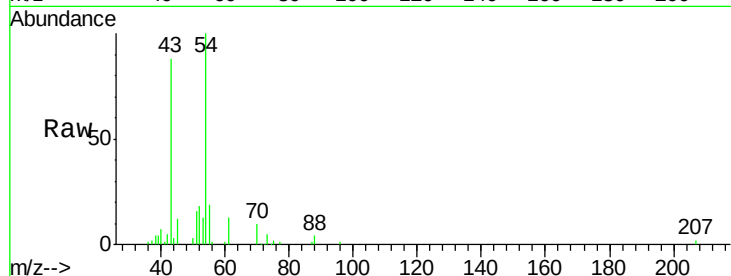




#37
Ethyl Acetate
Concen: 23.568 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.00 min
Lab File: VY002883.D
Acq: 11 Jun 2020 11:47

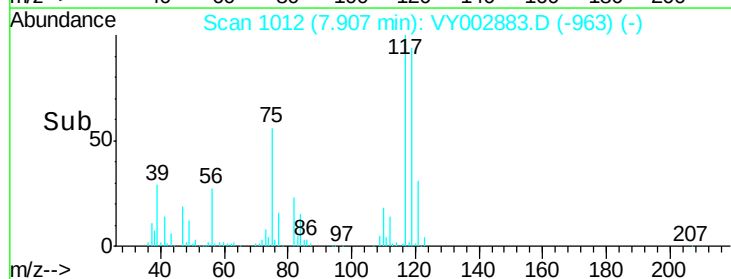
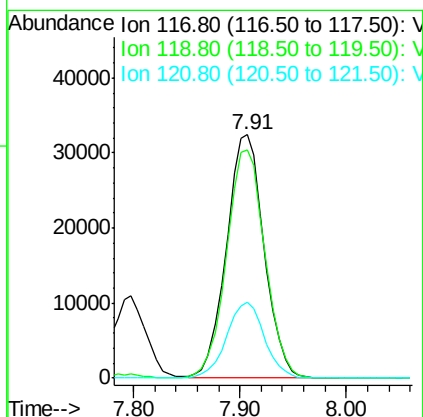
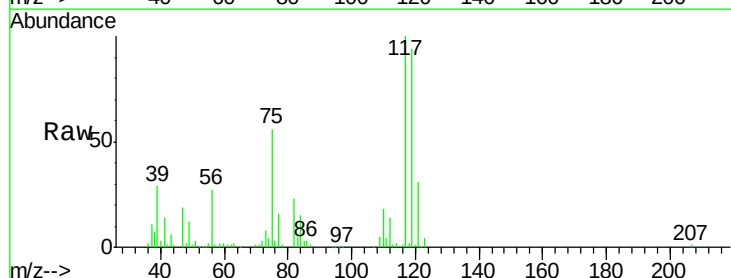
Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

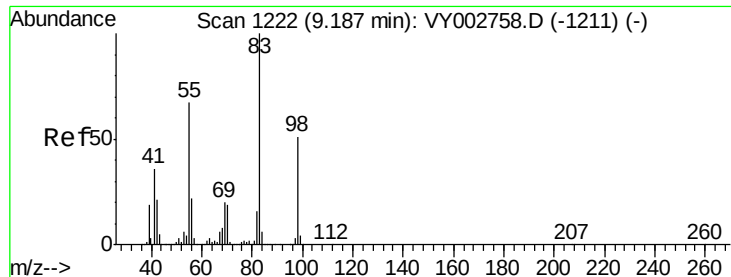
Tot Ion: 43 Resp: 42780
Ion Ratio Lower Upper
43 100
61 14.3 11.9 17.9
70 11.3 9.1 13.7



#38
Carbon Tetrachloride
Concen: 21.669 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY002883.D
Acq: 11 Jun 2020 11:47

Tgt Ion: 117 Resp: 80312
Ion Ratio Lower Upper
117 100
119 93.9 76.8 115.2
121 31.2 24.8 37.2

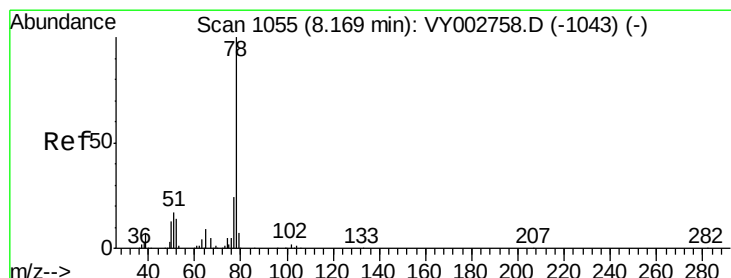
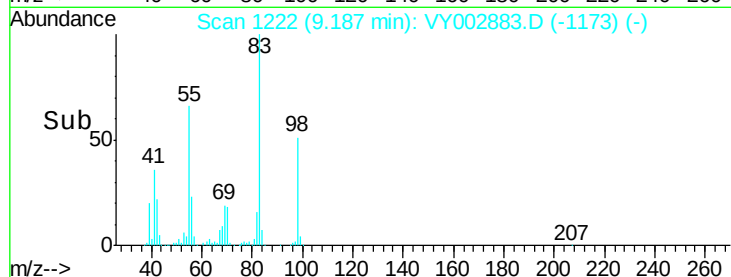
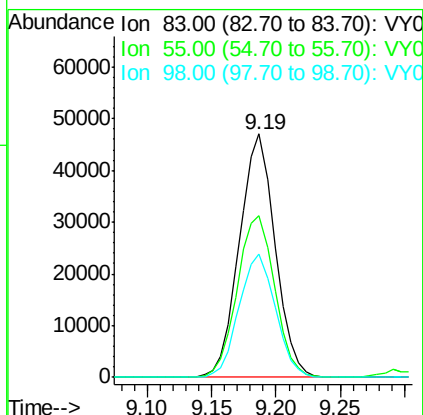
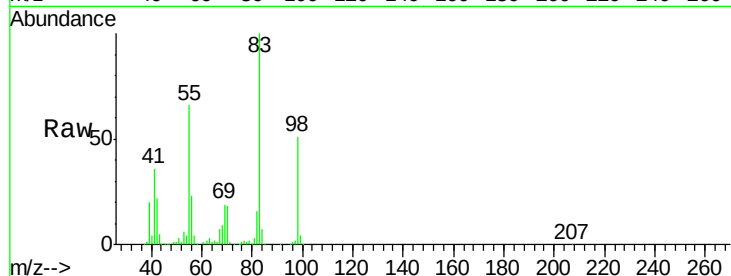




#39
Methylvlcyclohexane
Concen: 20.565 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY002883.D
Acq: 11 Jun 2020 11:47

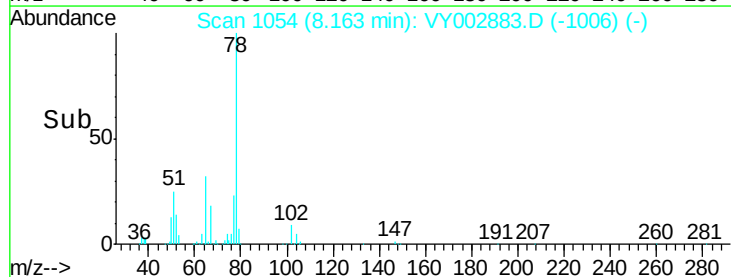
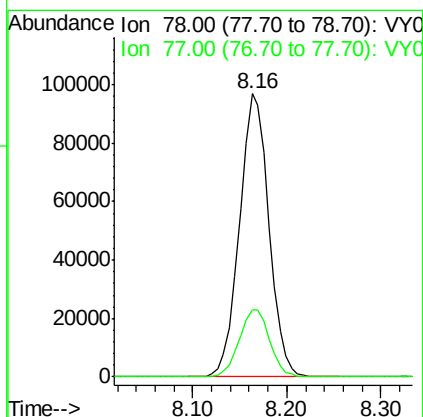
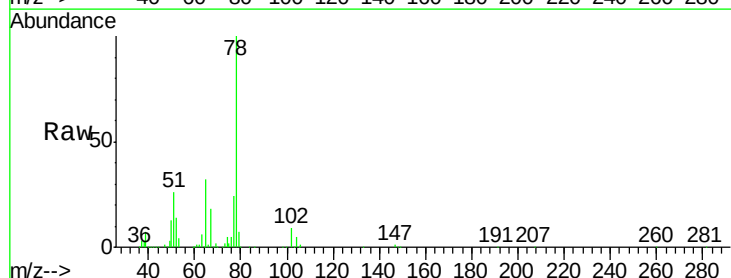
Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBSD01

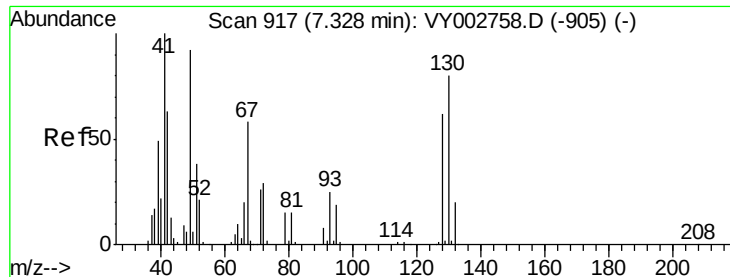
Tot Ion	83	Resp	90435
Ion Ratio	Lower	Upper	
83	100		
55	66.3	53.3	79.9
98	50.9	41.1	61.7



#40
Benzene
Concen: 21.413 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY002883.D
Acq: 11 Jun 2020 11:47

Tgt Ion	78	Resp	211092
Ion Ratio	Lower	Upper	
78	100		
77	23.6	18.8	28.2

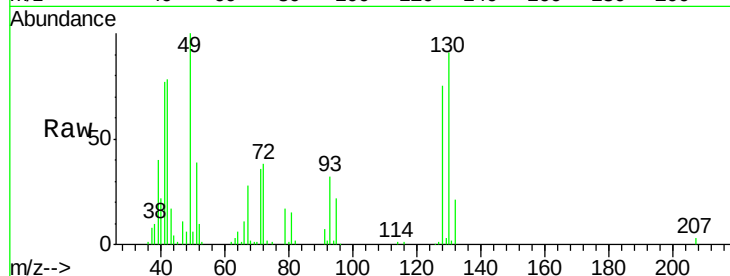




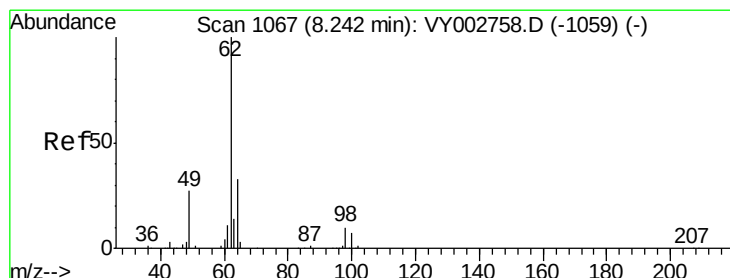
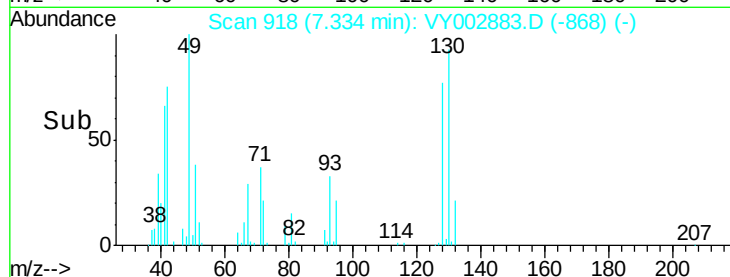
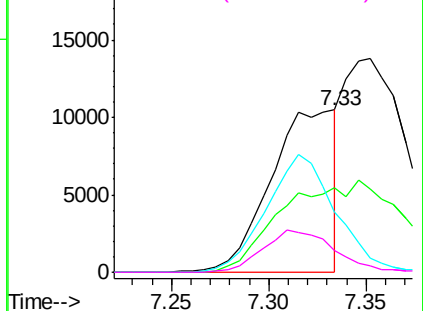
#41
Methacrylonitrile
Concen: 25.348 ug/l m
RT: 7.33 min Scan# 918
Delta R.T. 0.01 min
Lab File: VY002883.D
Acq: 11 Jun 2020 11:47

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBSD01

Tot Ion:	41	Resp:	24718
Ion	Ratio	Lower	Upper
41	100		
39	103.1	97.6	146.4
67	0.0	0.0	0.0
52	0.0	0.0	0.0

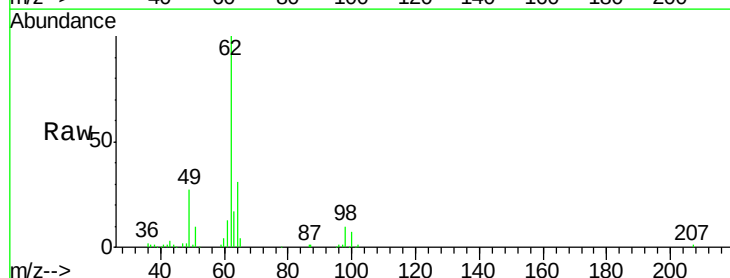


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

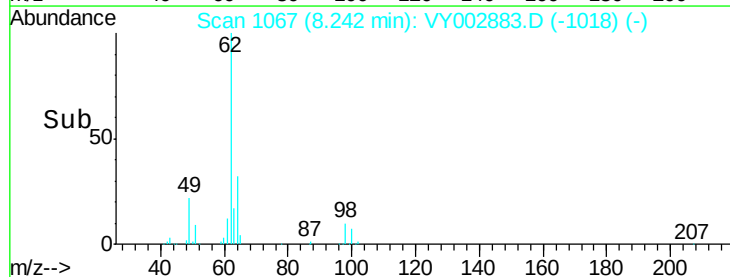
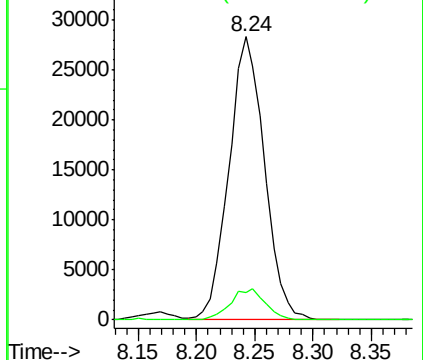


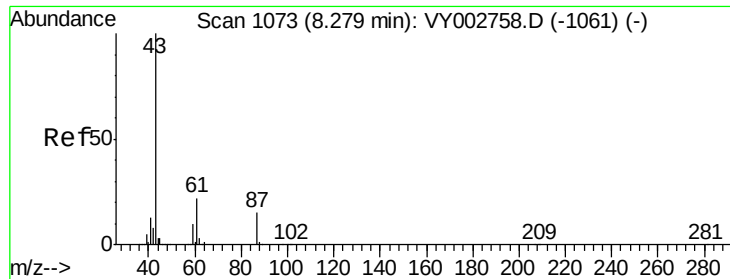
#42
1,2-Dichloroethane
Concen: 21.833 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY002883.D
Acq: 11 Jun 2020 11:47

Tgt Ion:	62	Resp:	60318
Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	22.6



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

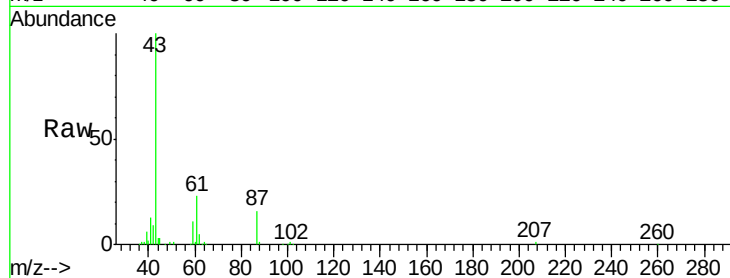




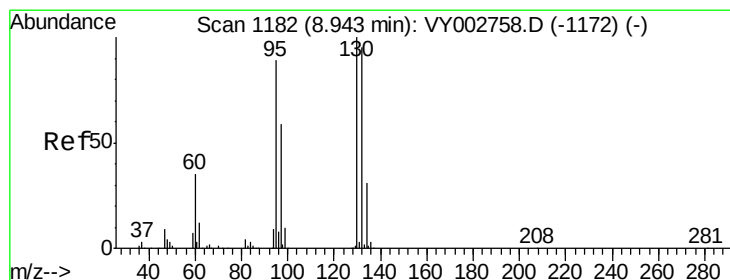
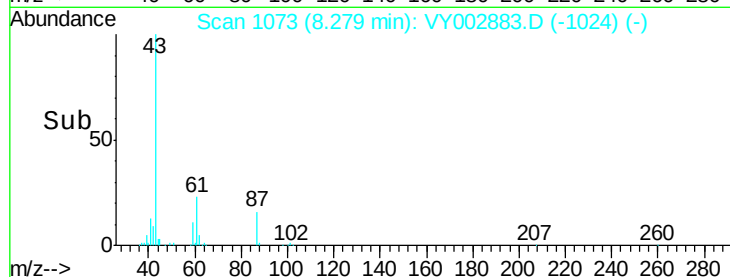
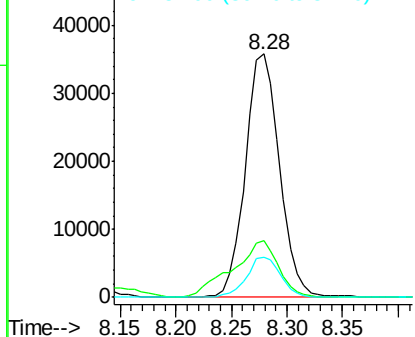
#43
Isopropyl Acetate
Concen: 22.234 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. 0.00 min
Lab File: VY002883.D
Acq: 11 Jun 2020 11:47

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

Tot Ion: 43 Resp: 76482
Ion Ratio Lower Upper
43 100
61 31.2 24.8 37.2
87 16.4 12.4 18.6

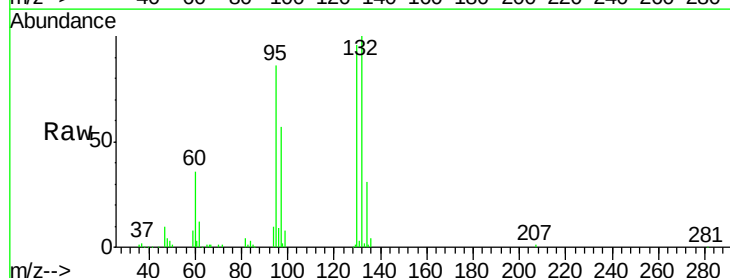


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 61.00 (60.70 to 61.70): VY0
Ion 87.00 (86.70 to 87.70): VY0

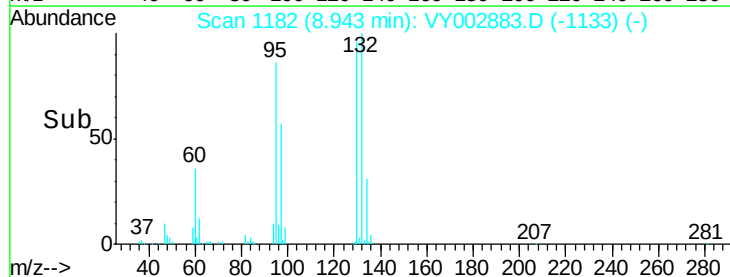
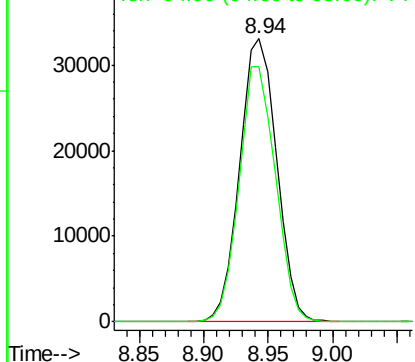


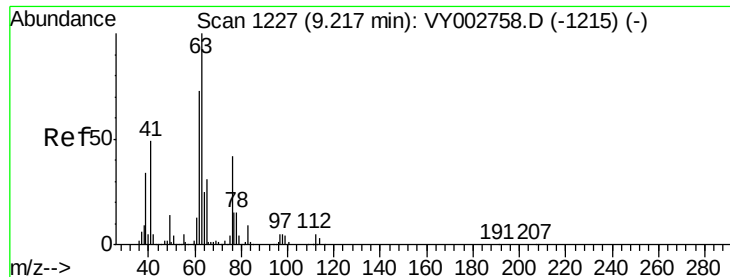
#44
Trichloroethene
Concen: 21.152 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VY002883.D
Acq: 11 Jun 2020 11:47

Tgt Ion:130 Resp: 65864
Ion Ratio Lower Upper
130 100
95 90.1 0.0 178.8



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





#45

1,2-Dichloropropane

Concen: 21.992 ug/l

RT: 9.22 min Scan# 1228

Delta R.T. 0.01 min

Lab File: VY002883.D

Acq: 11 Jun 2020 11:47

Instrument :

MSVOA_Y

ClientSampleId :

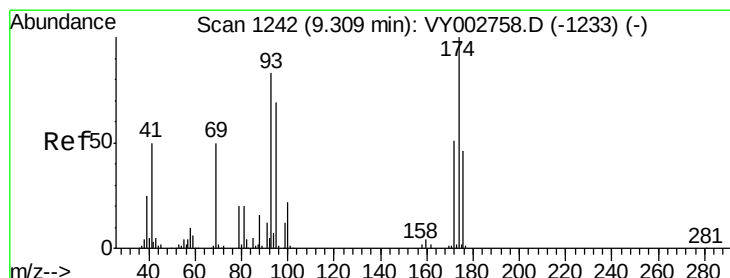
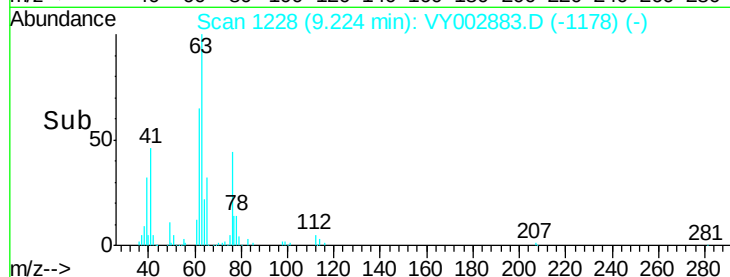
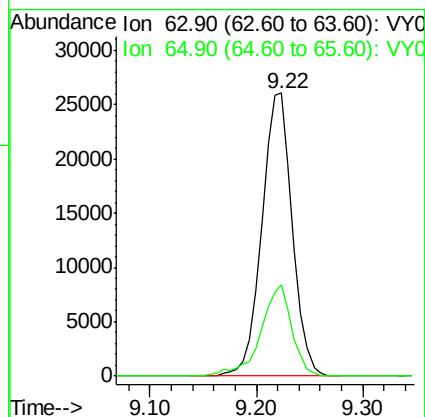
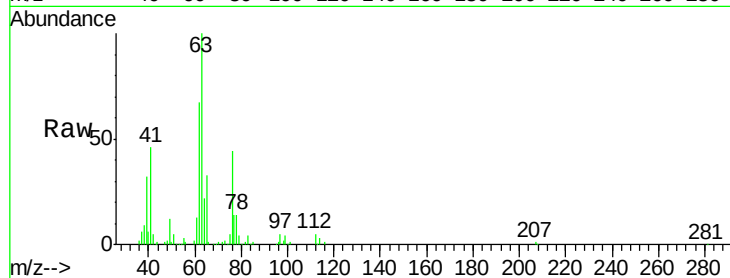
VY0611SBS01

Tot Ion: 63 Resp: 51991

Ion Ratio Lower Upper

63 100

65 32.5 24.8 37.2



#46

Dibromomethane

Concen: 22.622 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VY002883.D

Acq: 11 Jun 2020 11:47

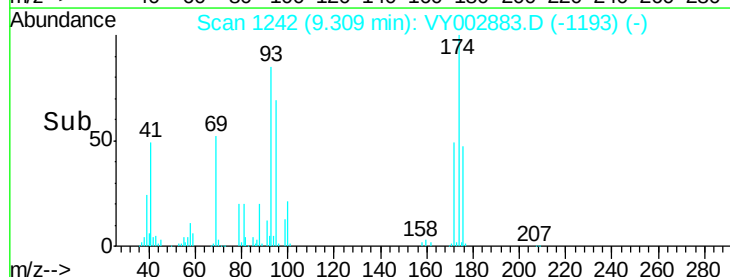
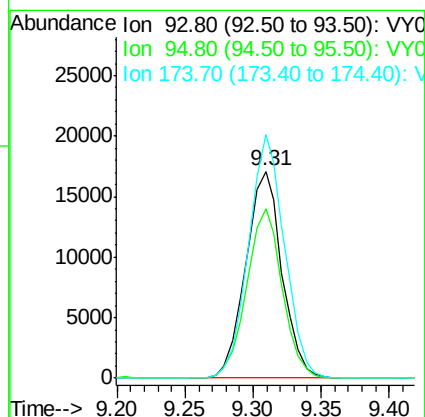
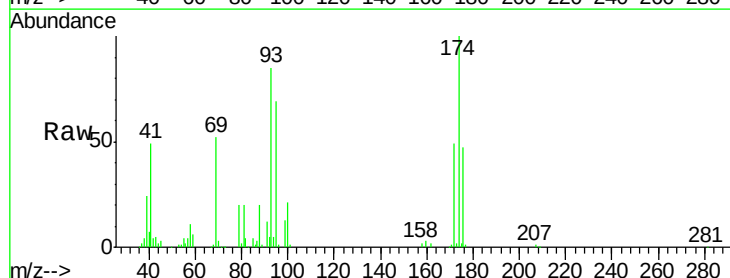
Tgt Ion: 93 Resp: 31761

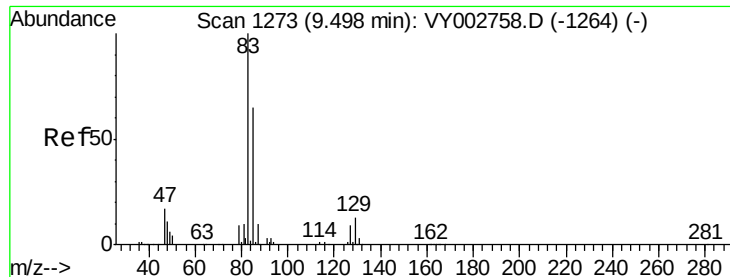
Ion Ratio Lower Upper

93 100

95 80.7 66.9 100.3

174 117.0 97.7 146.5





#47

Bromodichloromethane

Concen: 21.891 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY002883.D

Acq: 11 Jun 2020 11:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0611SBS01

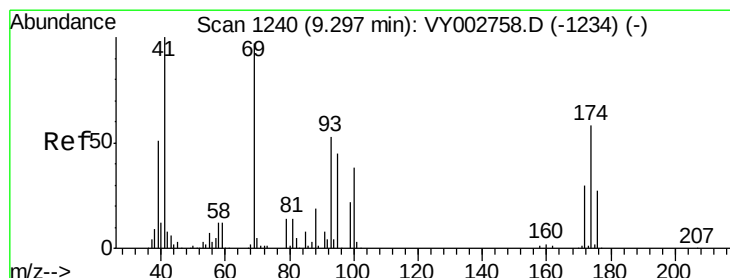
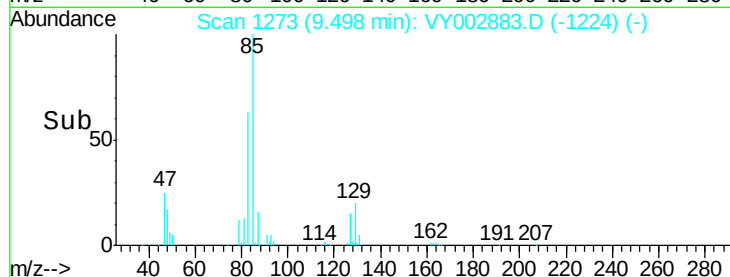
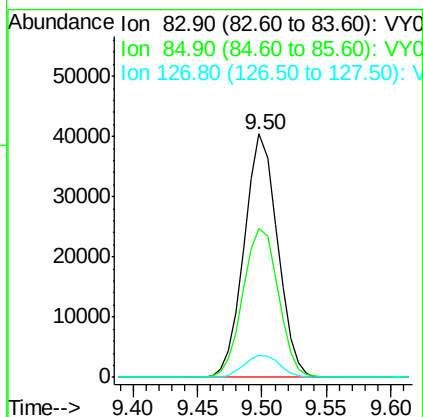
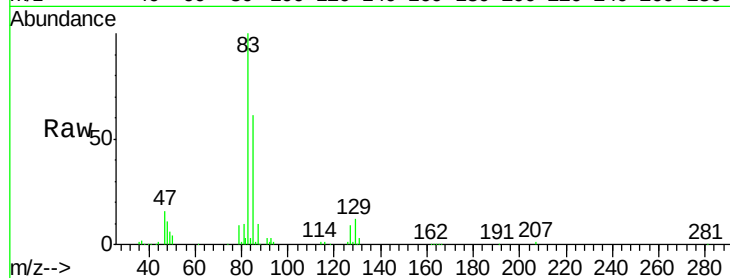
Tot Ion: 83 Resp: 72457

Ion Ratio Lower Upper

83 100

85 61.2 51.9 77.9

127 9.3 7.1 10.7



#48

Methyl methacrylate

Concen: 22.443 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VY002883.D

Acq: 11 Jun 2020 11:47

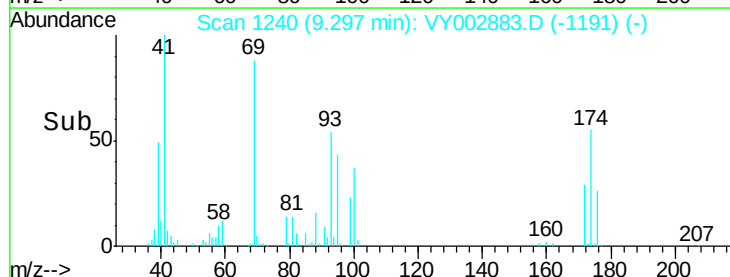
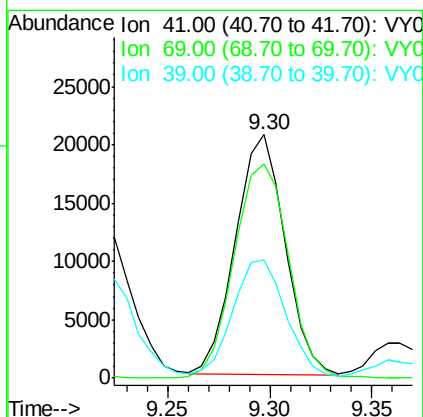
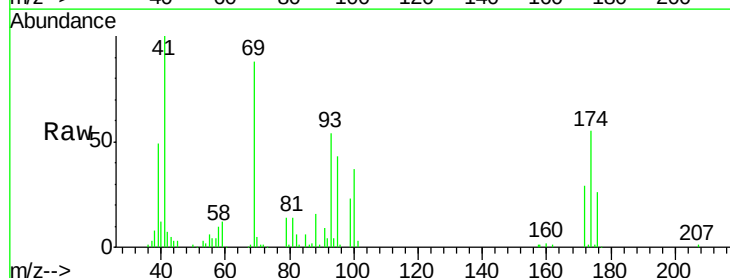
Tgt Ion: 41 Resp: 34850

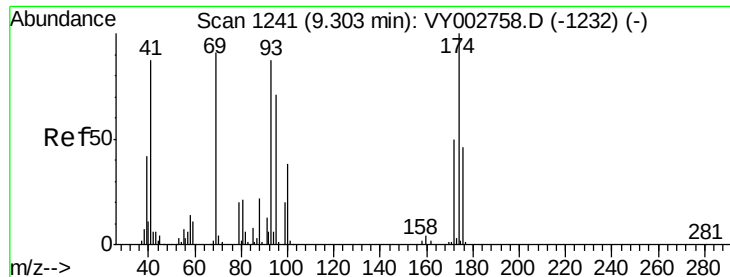
Ion Ratio Lower Upper

41 100

69 97.6 79.7 119.5

39 50.9 43.3 64.9

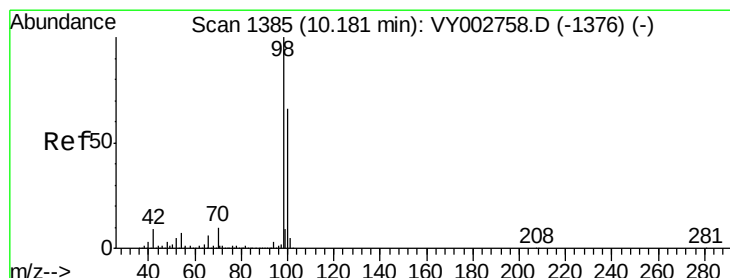
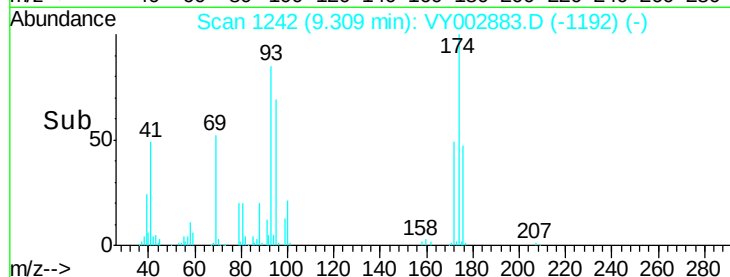
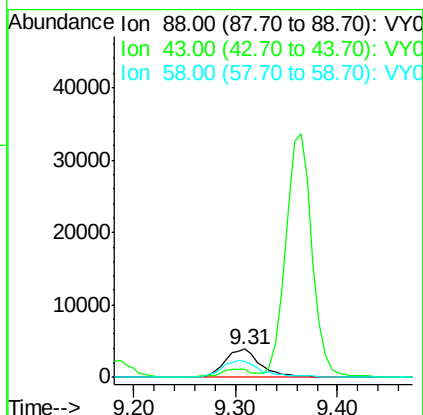
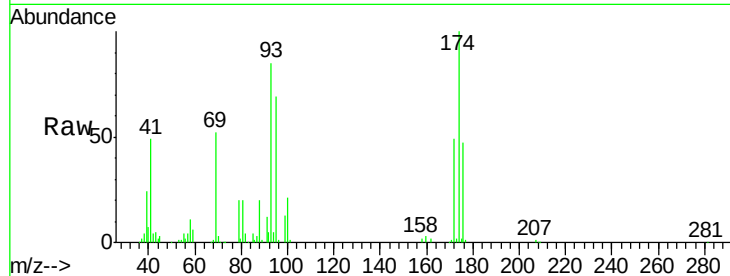




#49
1,4-Dioxane
Concen: 444.900 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.01 min
Lab File: VY002883.D
Acq: 11 Jun 2020 11:47

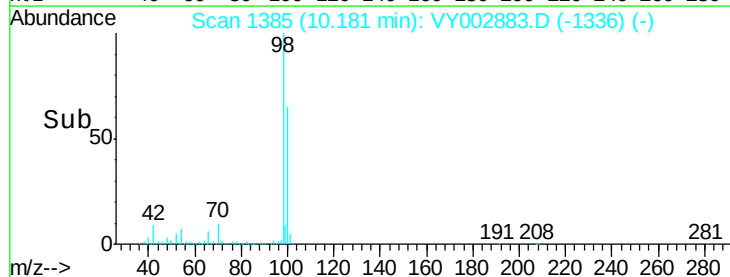
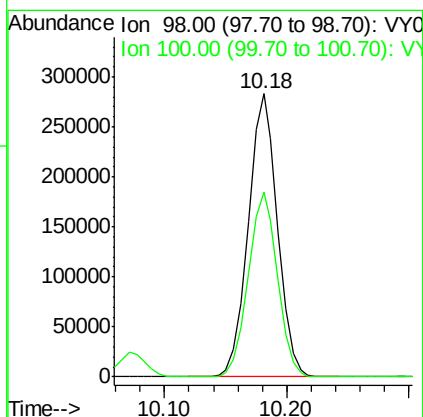
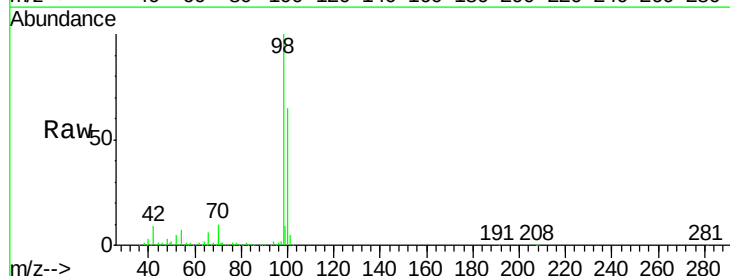
Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

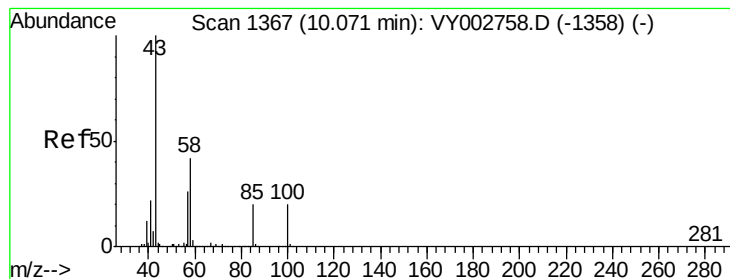
Tot Ion: 88 Resp: 9591
Ion Ratio Lower Upper
88 100
43 25.4 21.3 31.9
58 66.1 52.2 78.2



#50
Toluene-d8
Concen: 49.869 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY002883.D
Acq: 11 Jun 2020 11:47

Tgt Ion: 98 Resp: 468006
Ion Ratio Lower Upper
98 100
100 65.4 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 114.784 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VY002883.D

Acq: 11 Jun 2020 11:47

Instrument :

MSVOA_Y

ClientSampleId :

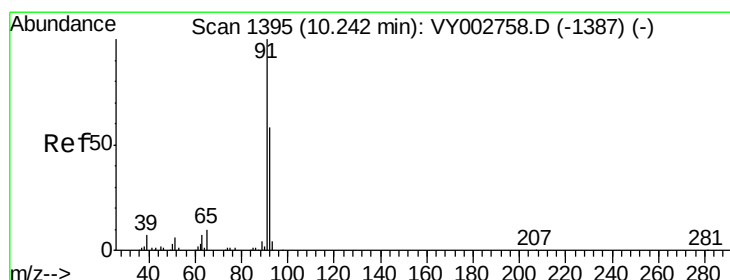
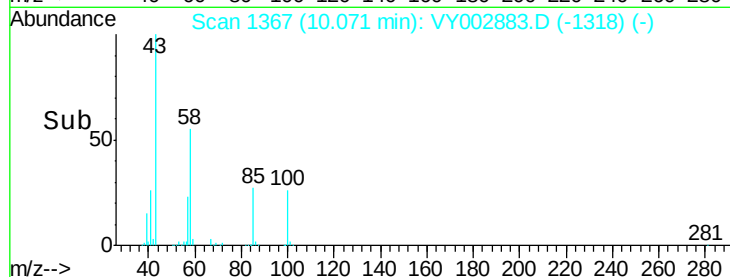
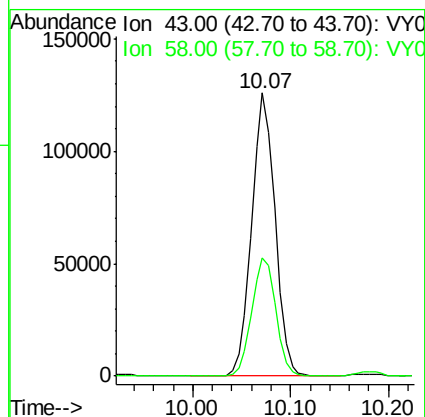
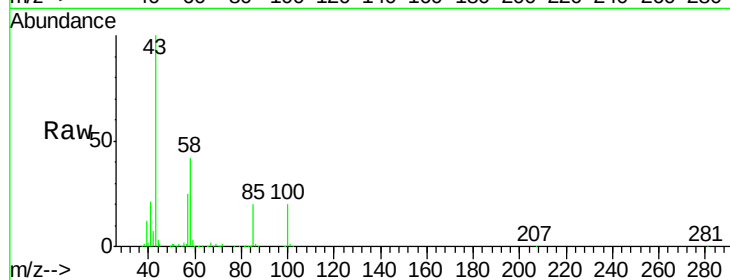
VY0611SBS01

Tot Ion: 43 Resp: 209073

Ion Ratio Lower Upper

43 100

58 42.8 34.2 51.2



#52

Toluene

Concen: 21.472 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. 0.00 min

Lab File: VY002883.D

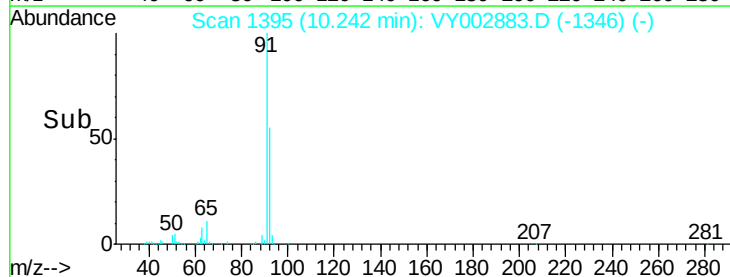
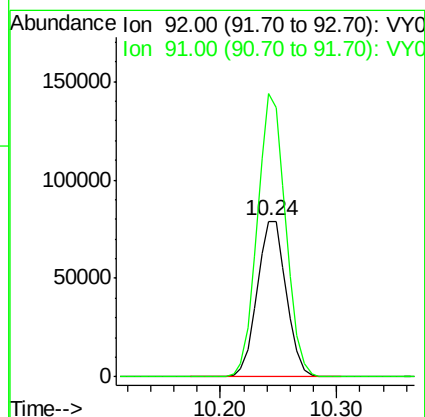
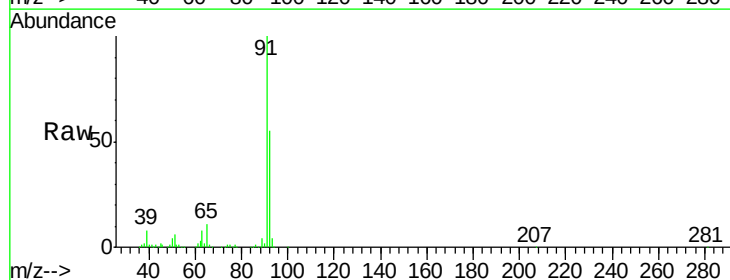
Acq: 11 Jun 2020 11:47

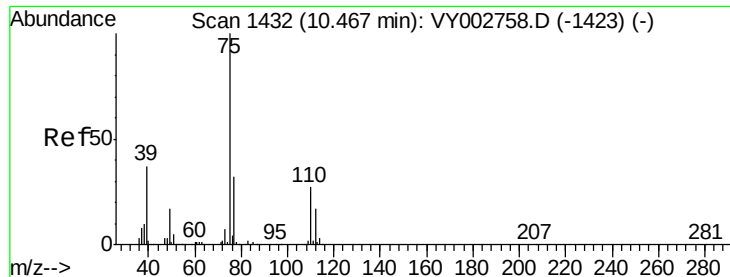
Tgt Ion: 92 Resp: 138468

Ion Ratio Lower Upper

92 100

91 175.4 138.5 207.7





#53

t-1,3-Dichloropropene

Concen: 21.883 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY002883.D

Acq: 11 Jun 2020 11:47

Instrument :

MSVOA_Y

ClientSampleId :

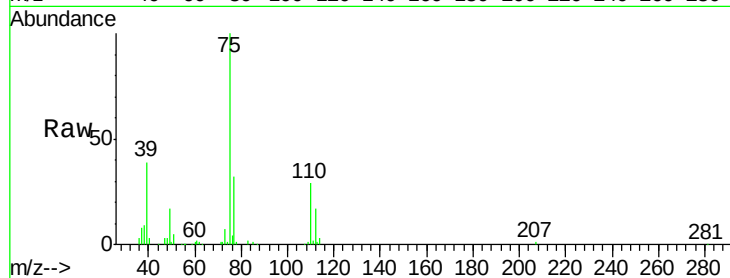
VY0611SBSD01

Tot Ion: 75 Resp: 79109

Ion Ratio Lower Upper

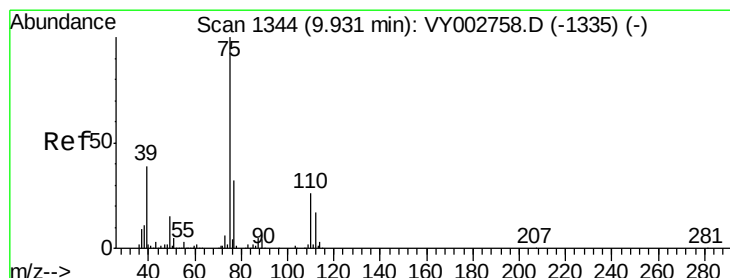
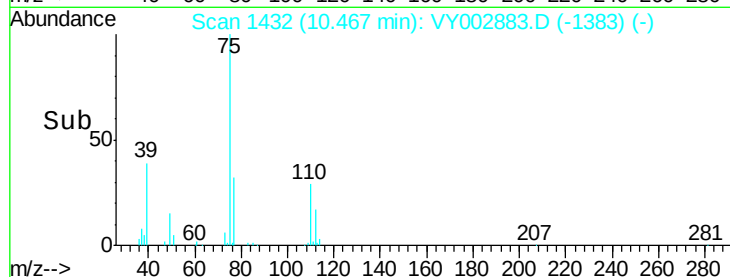
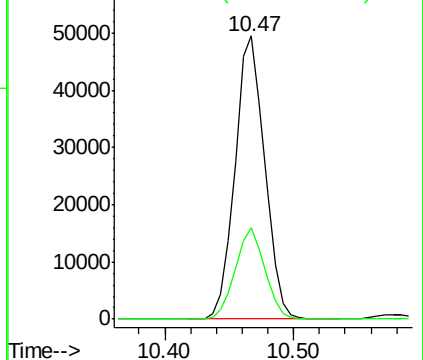
75 100

77 32.2 25.3 37.9



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 21.809 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY002883.D

Acq: 11 Jun 2020 11:47

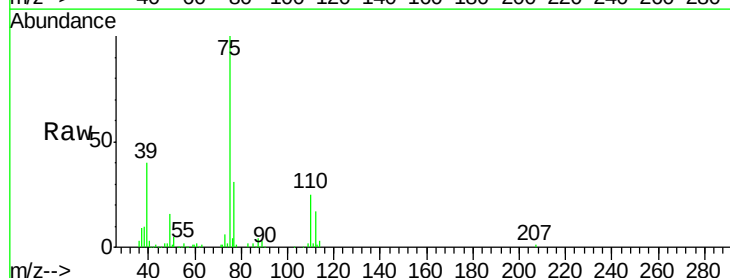
Tgt Ion: 75 Resp: 89338

Ion Ratio Lower Upper

75 100

77 30.9 25.6 38.4

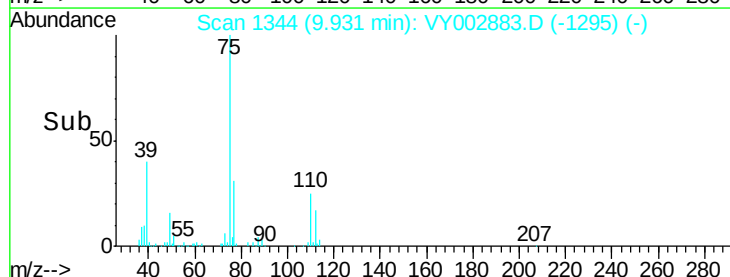
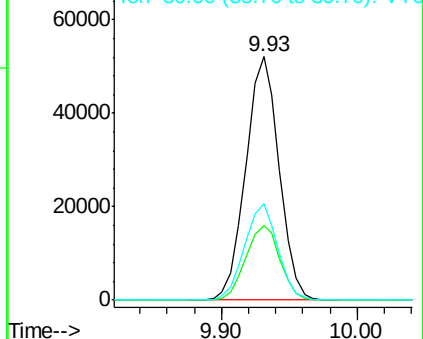
39 39.8 31.3 46.9

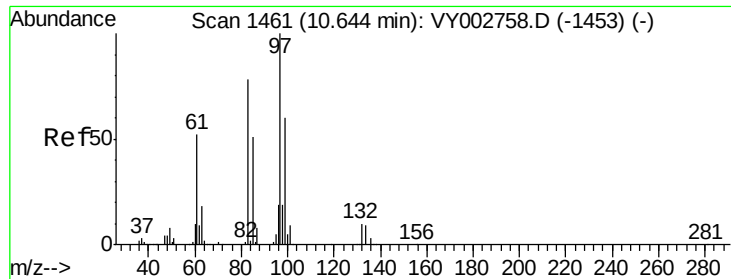


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

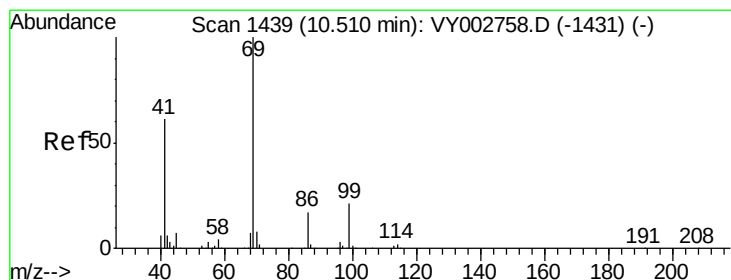
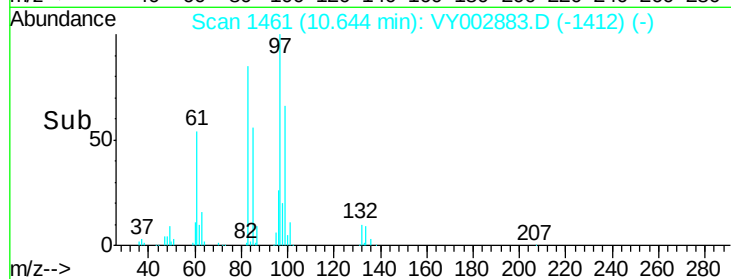
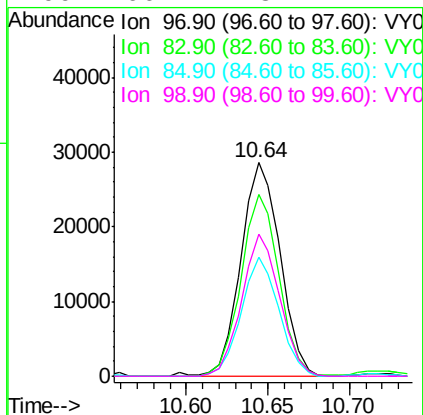
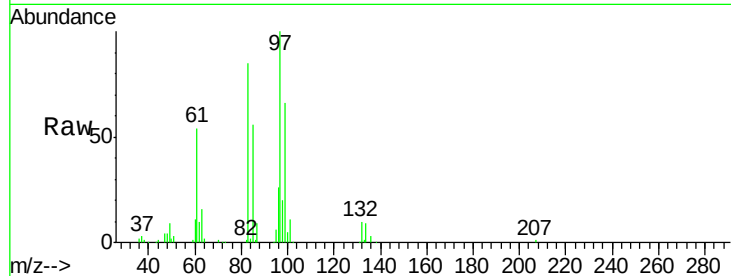




#55
 1,1,2-Trichloroethane
 Concen: 22.247 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY002883.D
 Acq: 11 Jun 2020 11:47

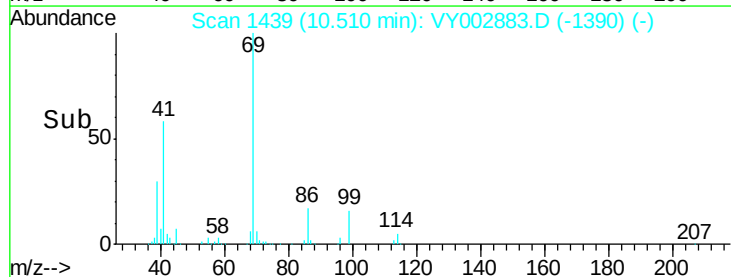
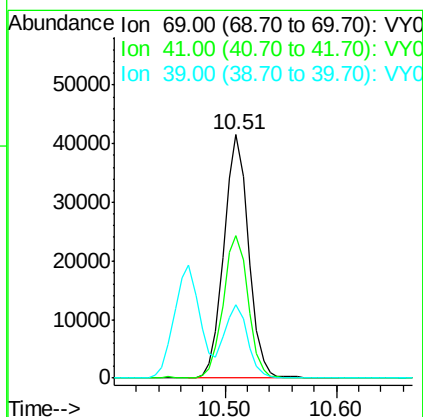
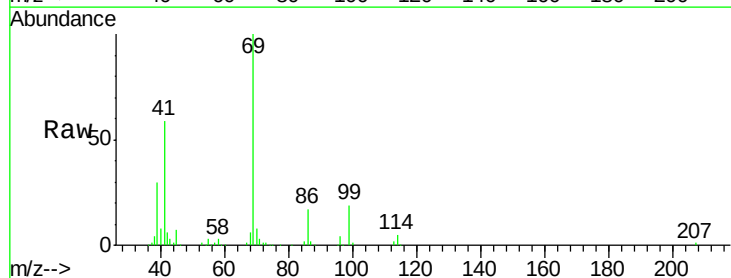
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0611SBS01

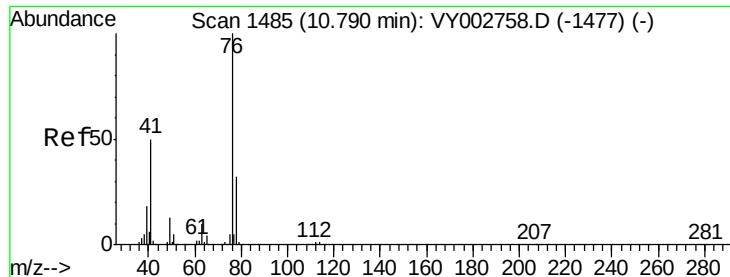
Tot Ion:	97	Resp:	47819
Ion	Ratio	Lower	Upper
97	100		
83	85.0	62.7	94.1
85	55.6	40.6	60.8
99	66.2	48.2	72.4



#56
 Ethyl methacrylate
 Concen: 22.087 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY002883.D
 Acq: 11 Jun 2020 11:47

Tgt Ion:	69	Resp:	63587
Ion	Ratio	Lower	Upper
69	100		
41	59.3	47.0	70.4
39	28.0	22.0	33.0





#57

1,3-Dichloropropane

Concen: 22.072 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY002883.D

Acq: 11 Jun 2020 11:47

Instrument :

MSVOA_Y

ClientSampleId :

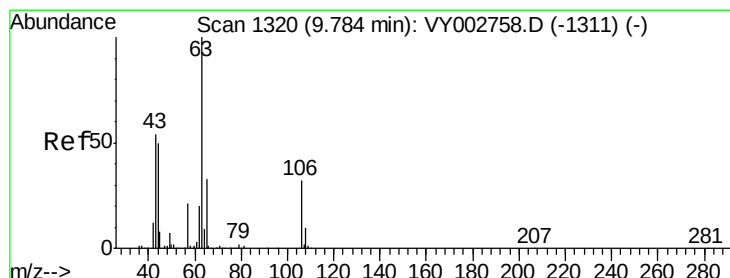
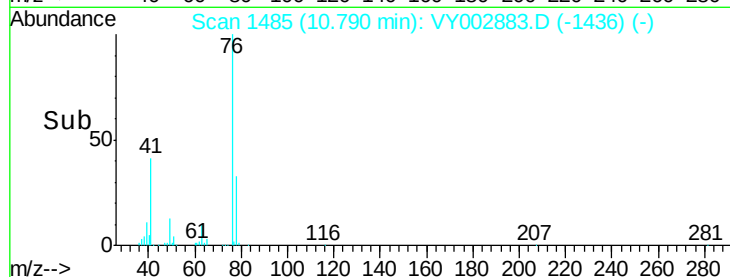
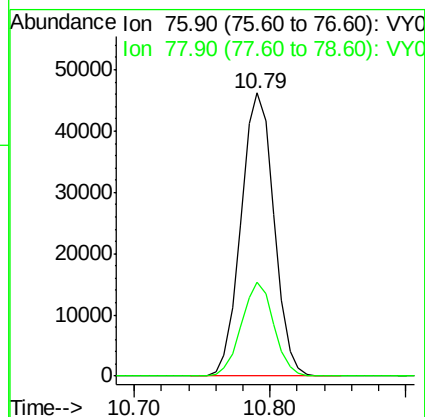
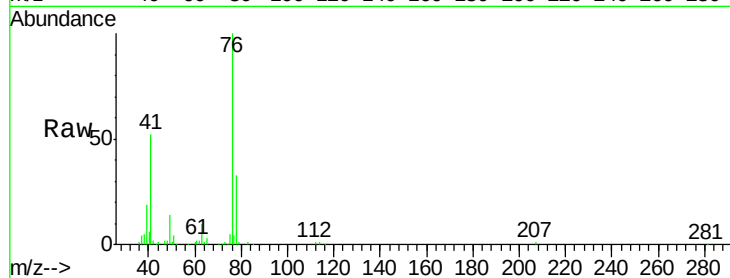
VY0611SBS01

Tot Ion: 76 Resp: 78032

Ion Ratio Lower Upper

76 100

78 32.4 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 109.804 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY002883.D

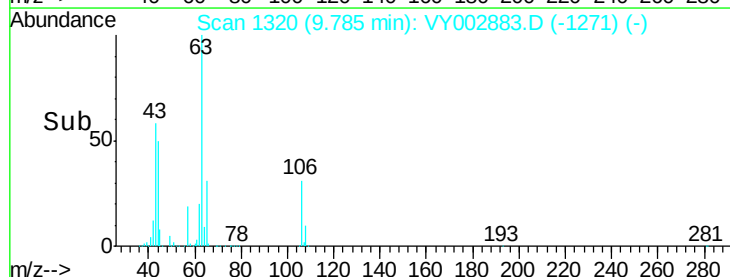
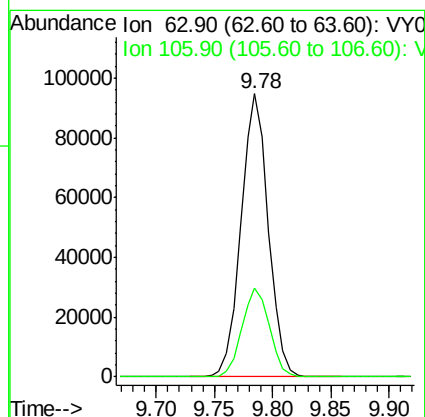
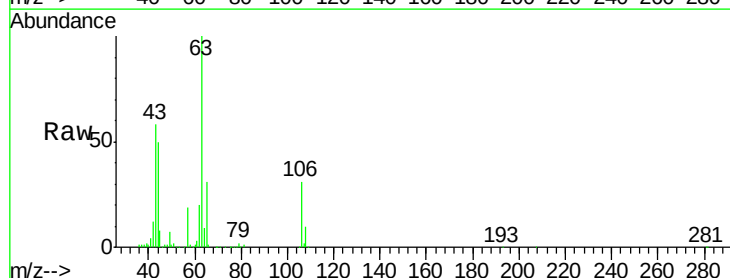
Acq: 11 Jun 2020 11:47

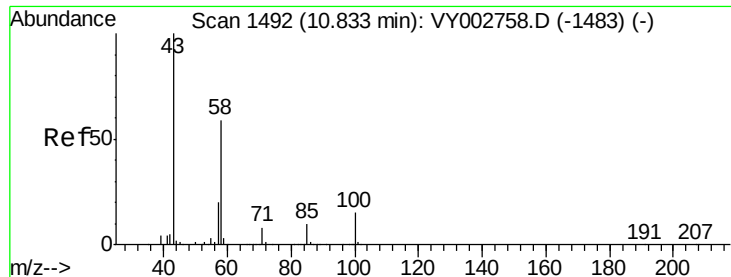
Tgt Ion: 63 Resp: 154467

Ion Ratio Lower Upper

63 100

106 31.5 25.4 38.2

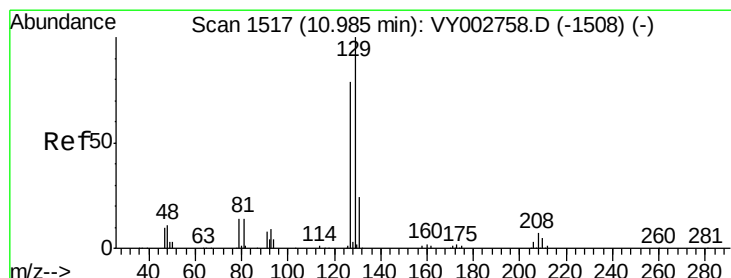
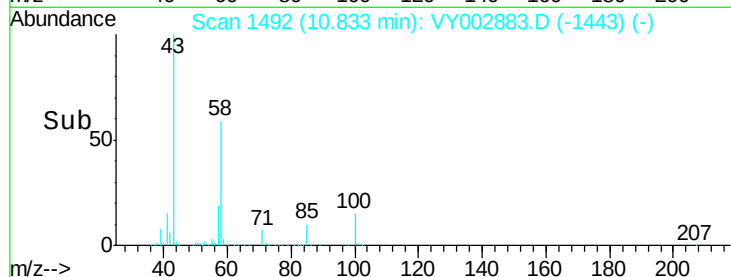
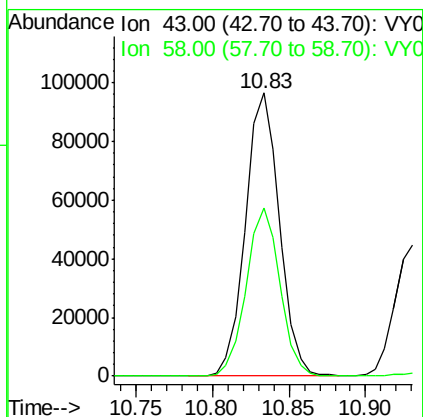
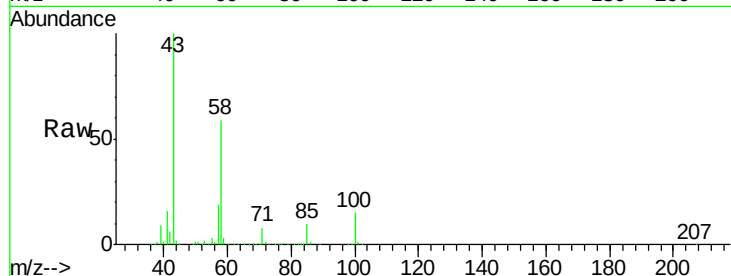




#59
2-Hexanone
Concen: 115.239 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY002883.D
Acq: 11 Jun 2020 11:47

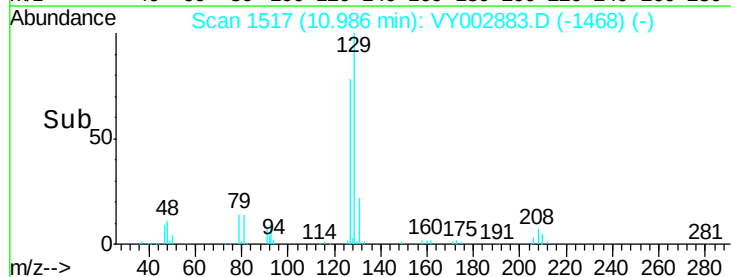
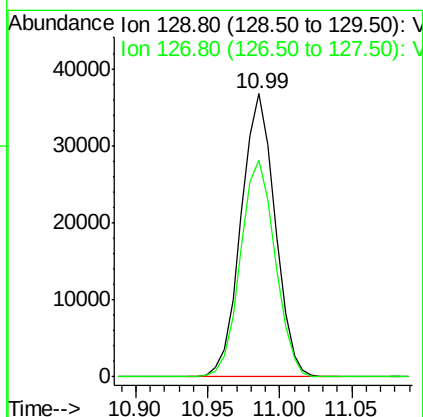
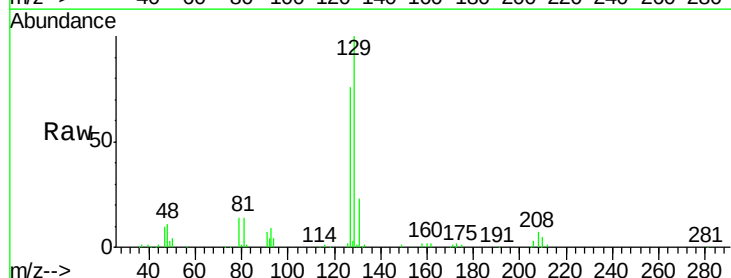
Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

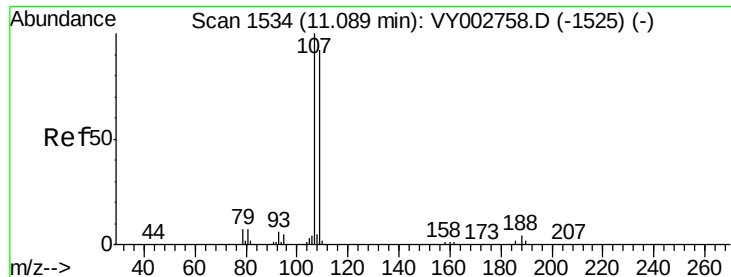
Tot Ion: 43 Resp: 148931
Ion Ratio Lower Upper
43 100
58 58.9 29.5 88.5



#60
Dibromochloromethane
Concen: 22.089 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY002883.D
Acq: 11 Jun 2020 11:47

Tgt Ion: 129 Resp: 60195
Ion Ratio Lower Upper
129 100
127 77.6 38.5 115.3





#61

1,2-Dibromoethane

Concen: 21.901 ug/l

RT: 11.09 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VY002883.D

Acq: 11 Jun 2020 11:47

Instrument :

MSVOA_Y

ClientSampleId :

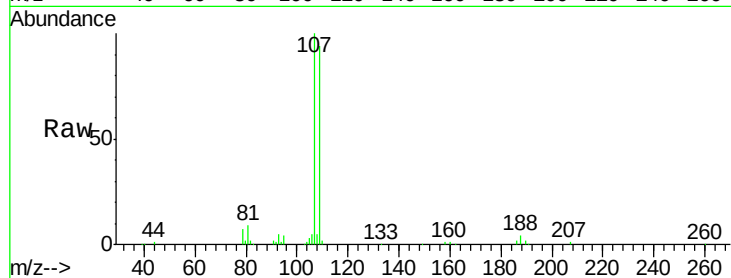
VY0611SBS01

Tot Ion:107 Resp: 46438

Ion Ratio Lower Upper

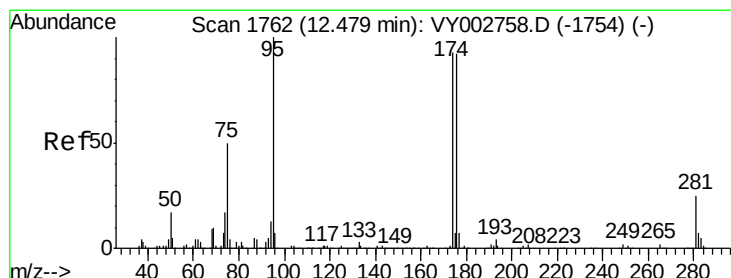
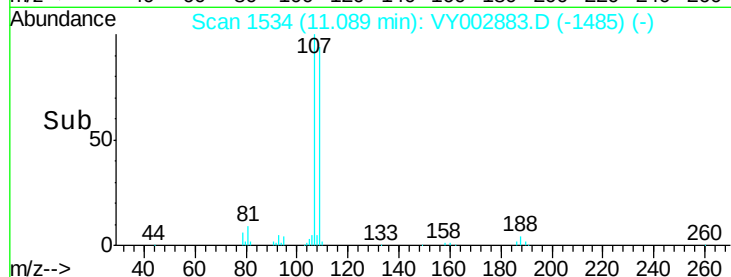
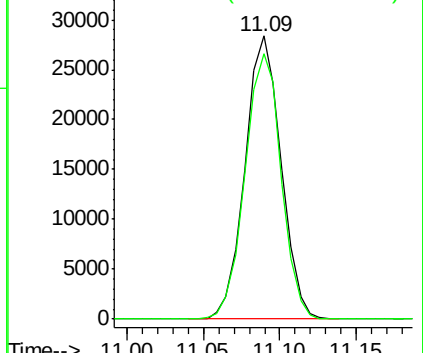
107 100

109 93.9 75.6 113.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 52.250 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY002883.D

Acq: 11 Jun 2020 11:47

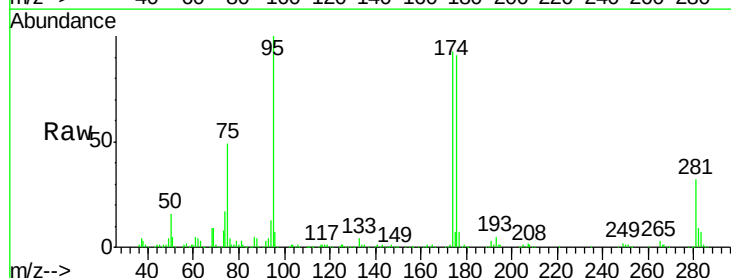
Tgt Ion: 95 Resp: 167579

Ion Ratio Lower Upper

95 100

174 95.5 0.0 191.2

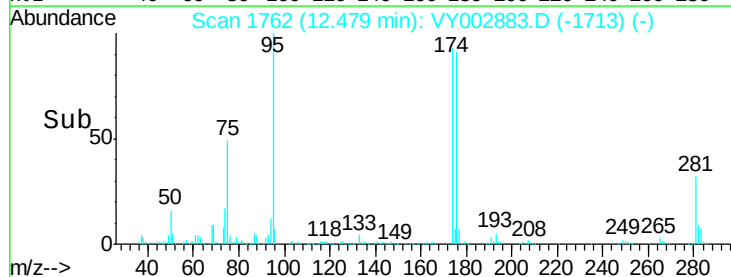
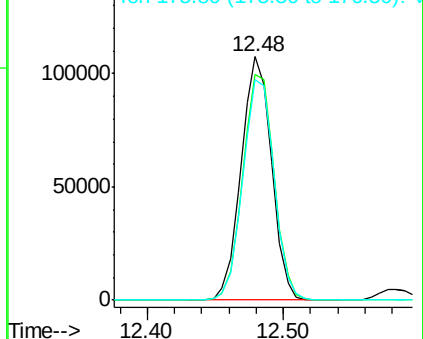
176 93.1 0.0 188.8

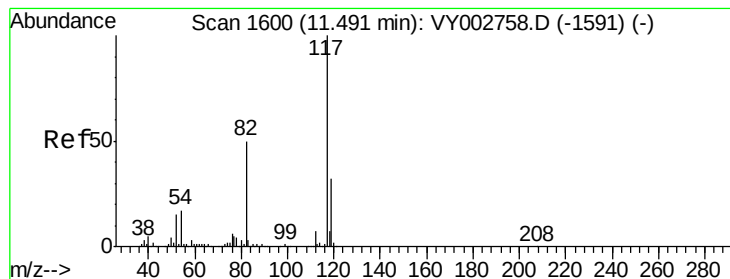


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VY002883.D

Acq: 11 Jun 2020 11:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0611SBS01

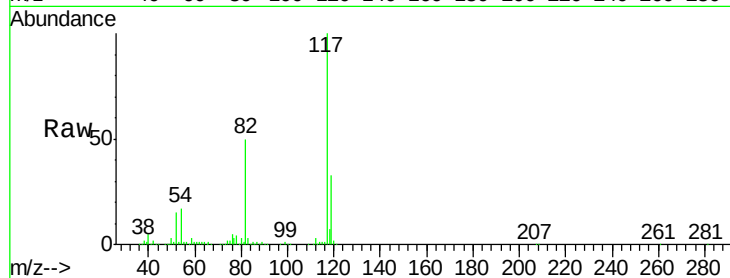
Tot Ion:117 Resp: 371102

Ion Ratio Lower Upper

117 100

82 49.6 40.2 60.4

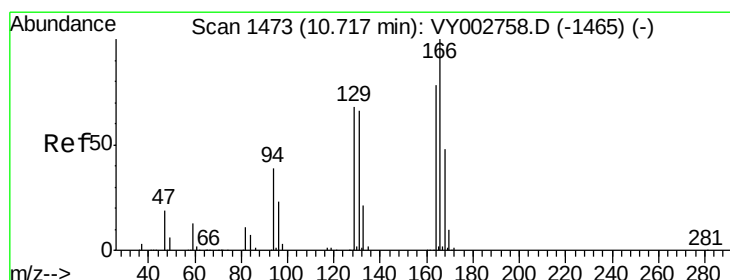
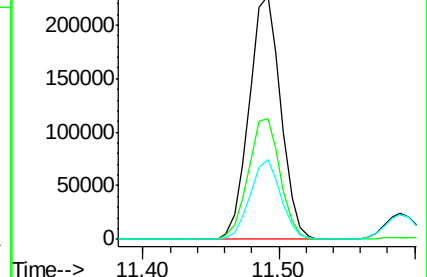
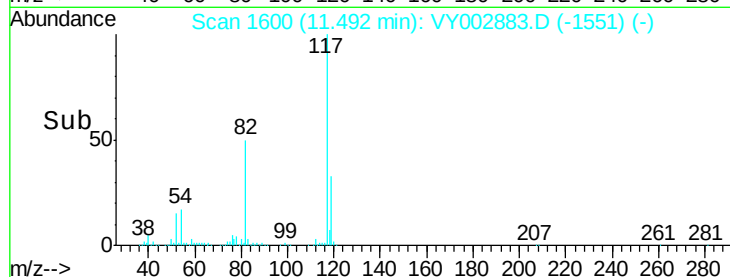
119 32.7 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VY0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 20.691 ug/l

RT: 10.72 min Scan# 1473

Delta R.T. 0.00 min

Lab File: VY002883.D

Acq: 11 Jun 2020 11:47

Tgt Ion:164 Resp: 69786

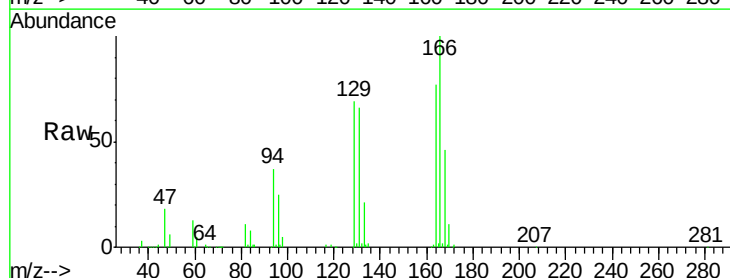
Ion Ratio Lower Upper

164 100

166 129.9 102.3 153.5

129 90.2 69.4 104.2

131 85.7 67.8 101.6

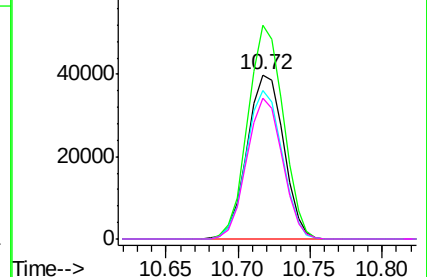
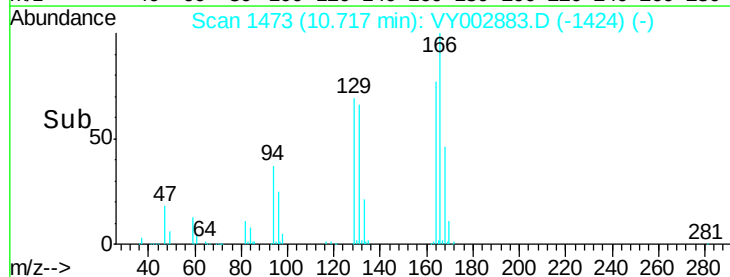


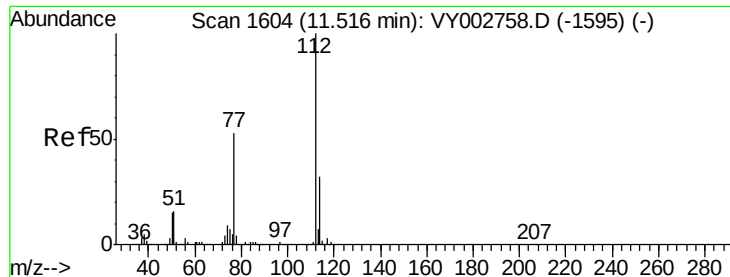
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

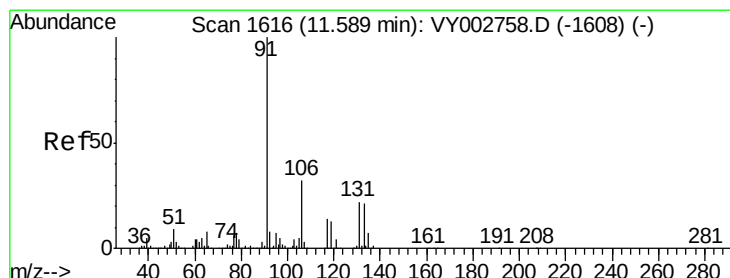
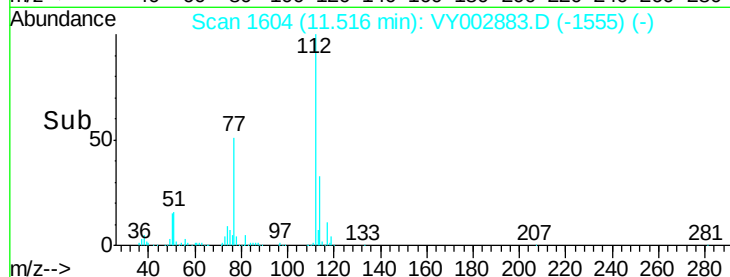
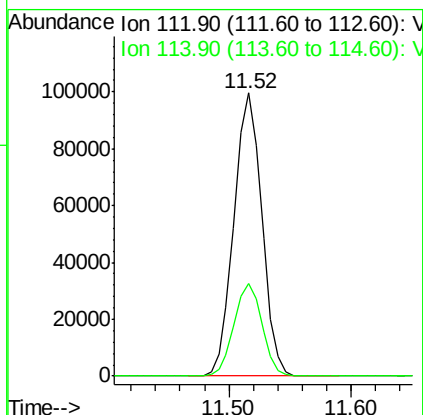
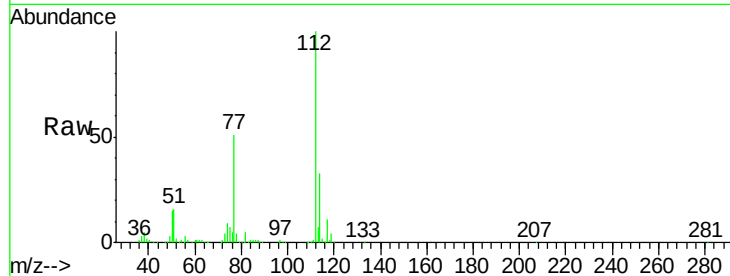




#65
Chlorobenzene
Concen: 21.426 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY002883.D
Acq: 11 Jun 2020 11:47

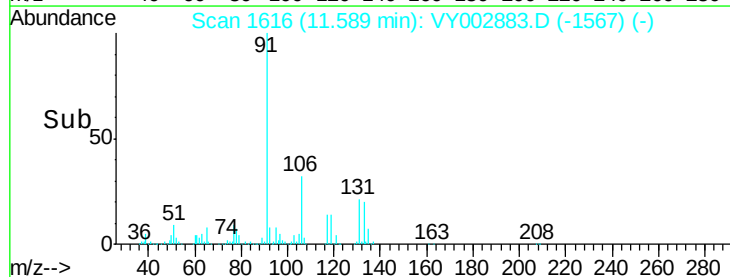
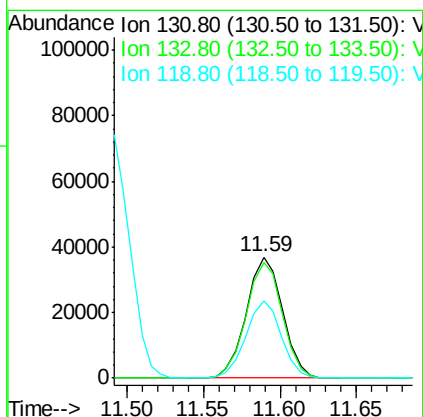
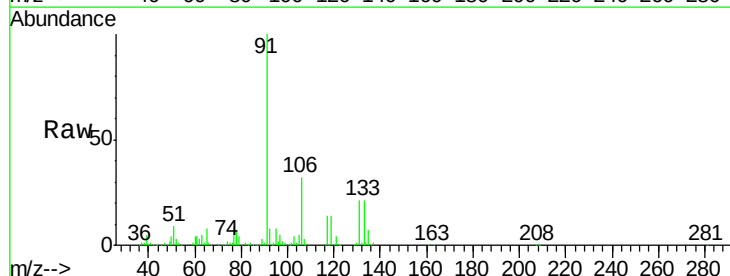
Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

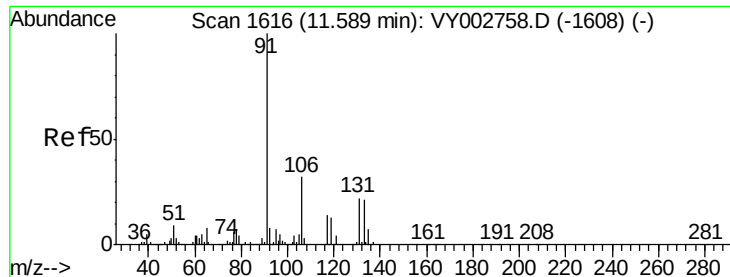
Tot Ion:112 Resp: 157154
Ion Ratio Lower Upper
112 100
114 33.0 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 21.916 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY002883.D
Acq: 11 Jun 2020 11:47

Tgt Ion:131 Resp: 60543
Ion Ratio Lower Upper
131 100
133 96.1 47.6 142.8
119 62.7 31.7 95.1





#67

Ethyl Benzene

Concen: 21.247 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY002883.D

Acq: 11 Jun 2020 11:47

Instrument :

MSVOA_Y

ClientSampleId :

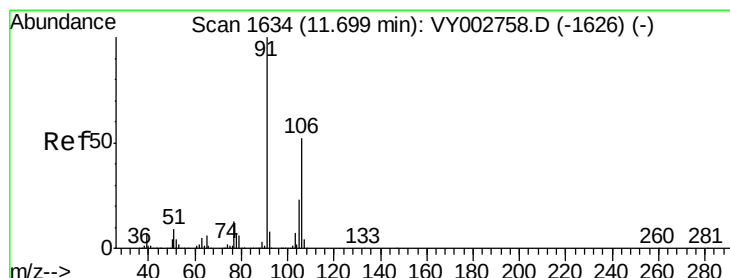
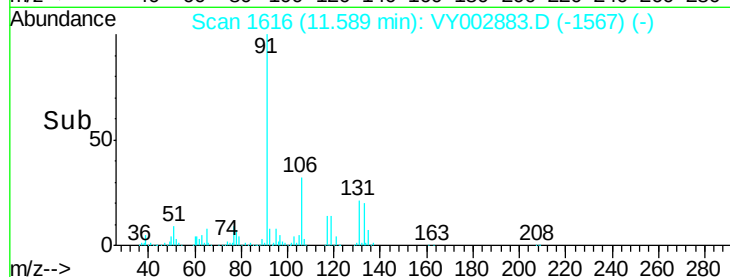
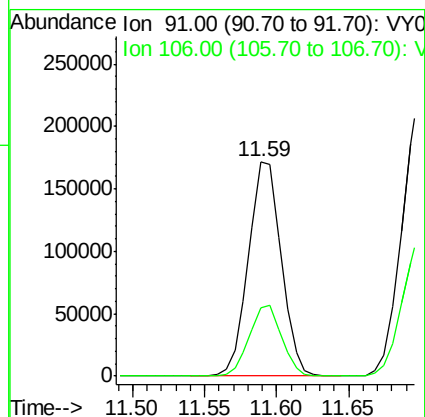
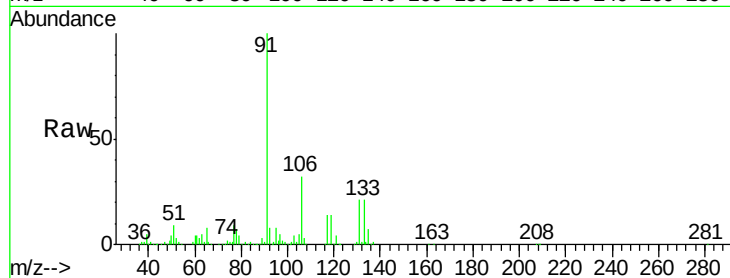
VY0611SBS01

Tot Ion: 91 Resp: 270173

Ion Ratio Lower Upper

91 100

106 32.0 25.7 38.5



#68

m/p-Xylenes

Concen: 42.511 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VY002883.D

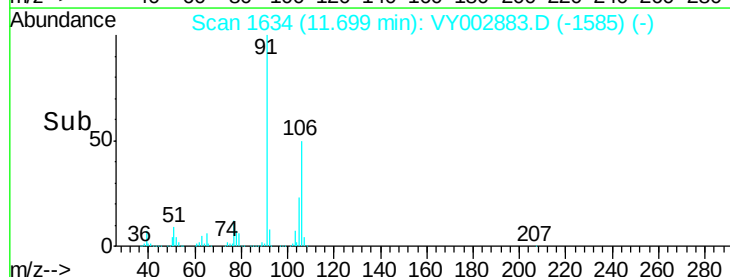
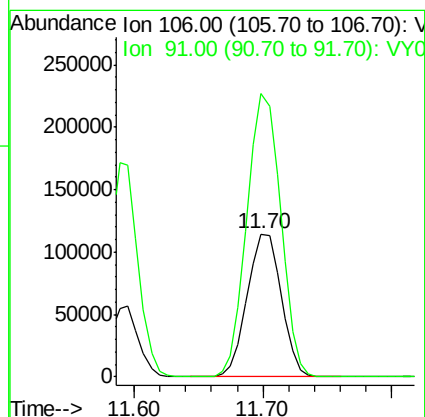
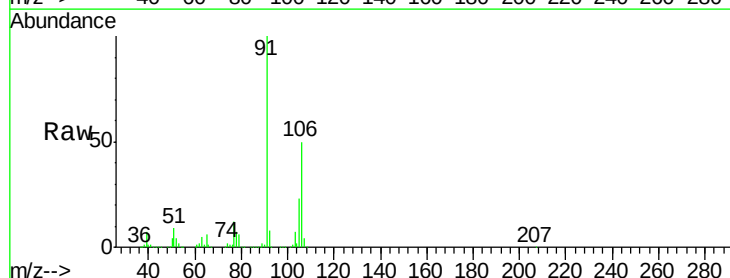
Acq: 11 Jun 2020 11:47

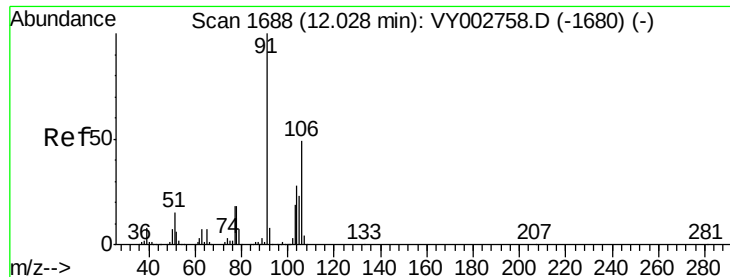
Tgt Ion: 106 Resp: 209585

Ion Ratio Lower Upper

106 100

91 197.1 156.0 234.0

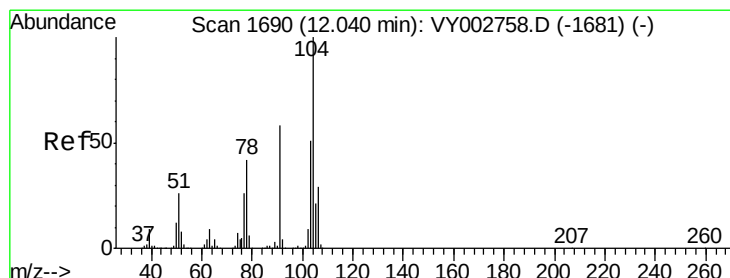
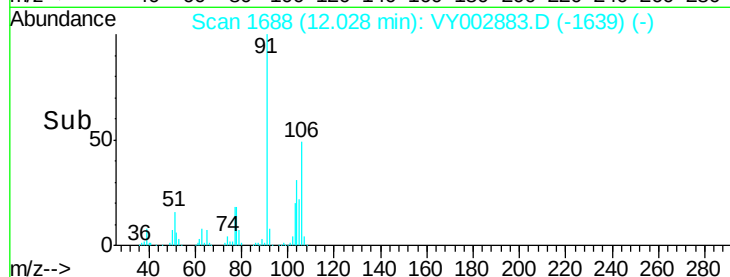
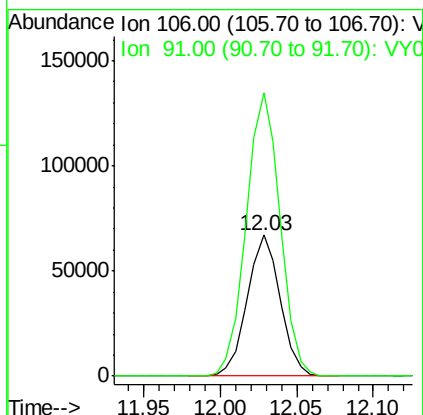
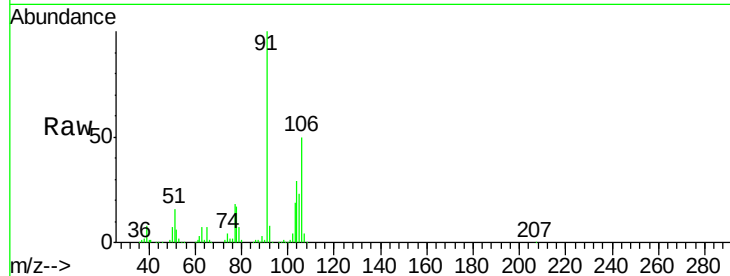




#69
o-Xylene
Concen: 21.583 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY002883.D
Acq: 11 Jun 2020 11:47

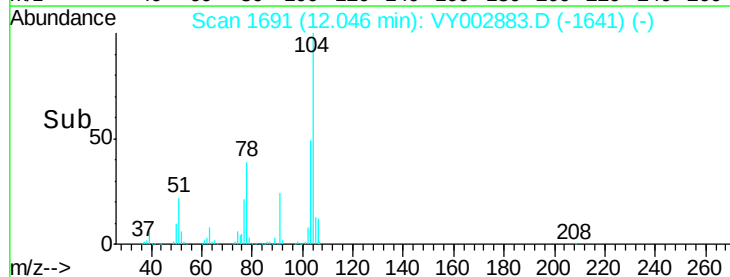
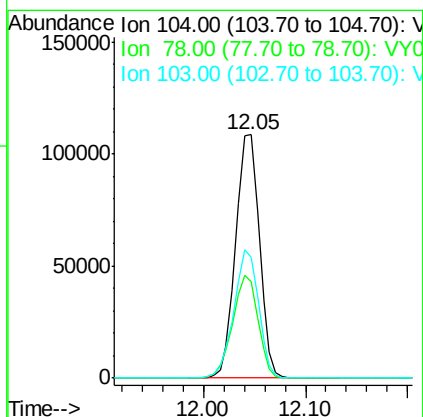
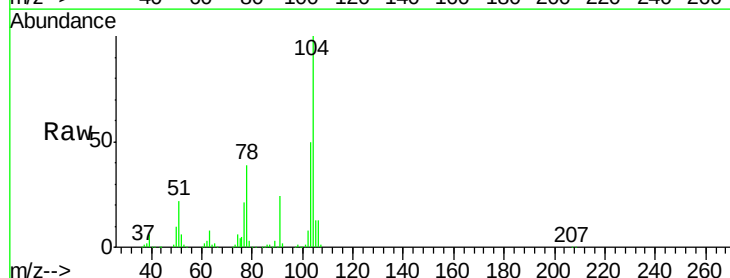
Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBSD01

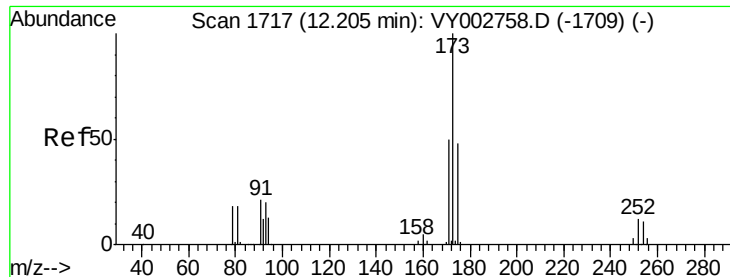
Tot Ion:106 Resp: 100451
Ion Ratio Lower Upper
106 100
91 206.0 102.4 307.1



#70
Styrene
Concen: 21.693 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY002883.D
Acq: 11 Jun 2020 11:47

Tgt Ion:104 Resp: 175024
Ion Ratio Lower Upper
104 100
78 45.0 36.2 54.4
103 54.6 43.6 65.4





#71

Bromoform

Concen: 22.522 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY002883.D

Acq: 11 Jun 2020 11:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0611SBS01

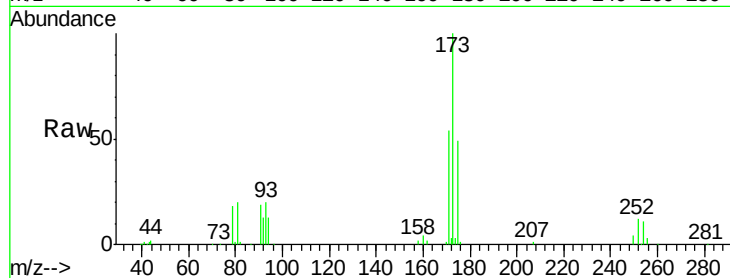
Tot Ion:173 Resp: 41630

Ion Ratio Lower Upper

173 100

175 48.4 24.3 72.8

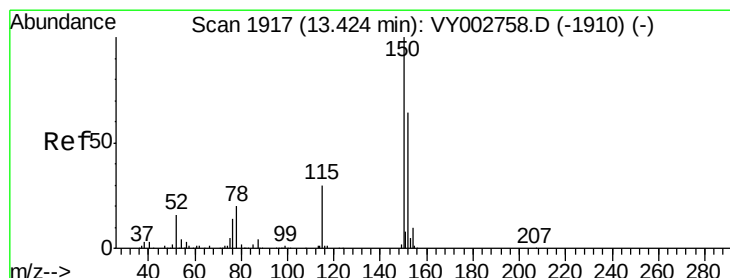
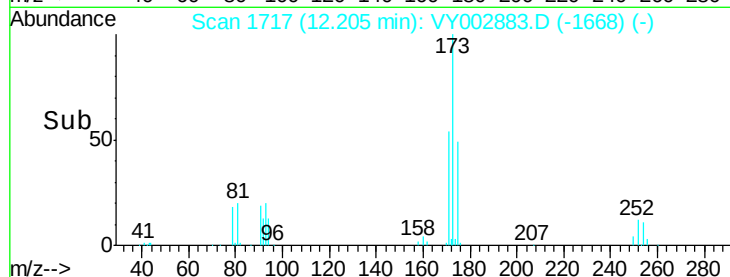
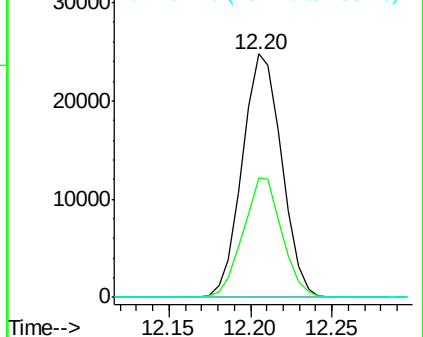
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY002883.D

Acq: 11 Jun 2020 11:47

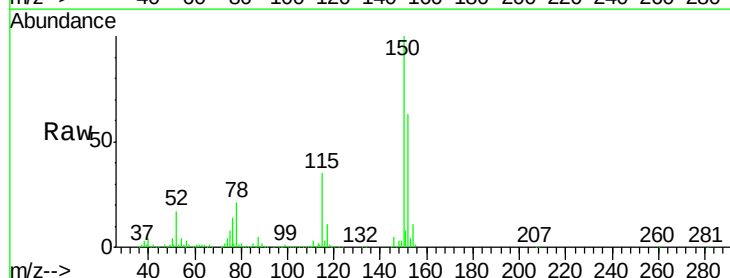
Tgt Ion:152 Resp: 202839

Ion Ratio Lower Upper

152 100

115 54.0 27.0 81.0

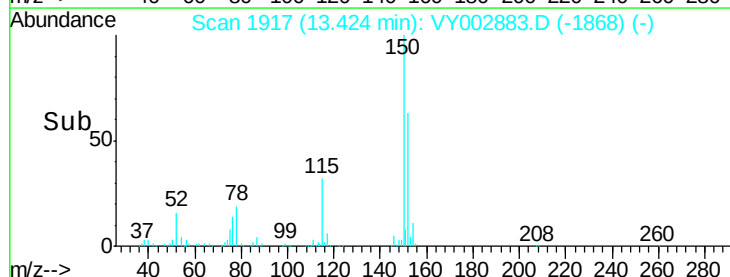
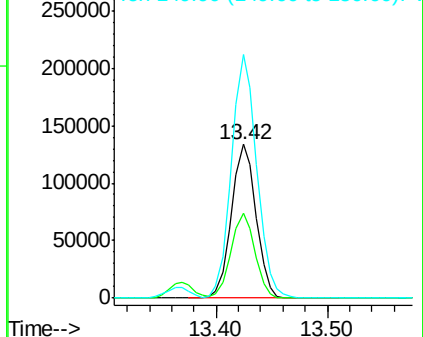
150 164.3 0.0 344.8

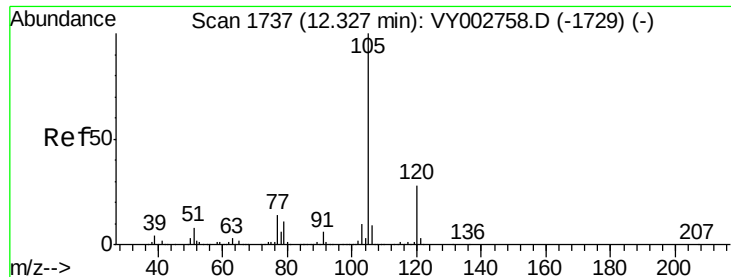


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.081 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY002883.D

Acq: 11 Jun 2020 11:47

Instrument :

MSVOA_Y

ClientSampleId :

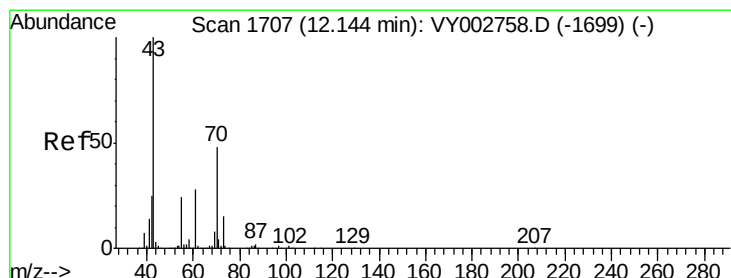
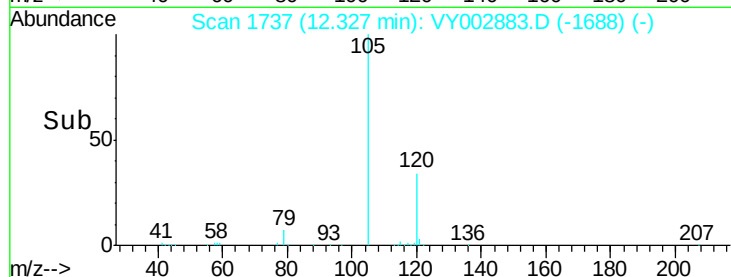
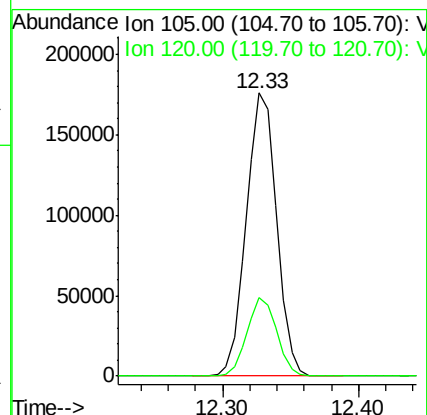
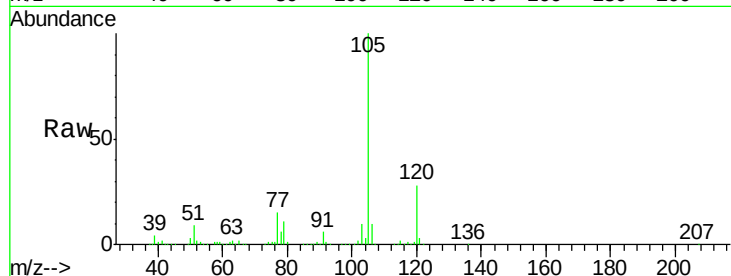
VY0611SBSD01

Tot Ion:105 Resp: 274021

Ion Ratio Lower Upper

105 100

120 27.3 13.7 41.1



#74

N-ethyl acetate

Concen: 21.603 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY002883.D

Acq: 11 Jun 2020 11:47

Tgt Ion: 43 Resp: 72051

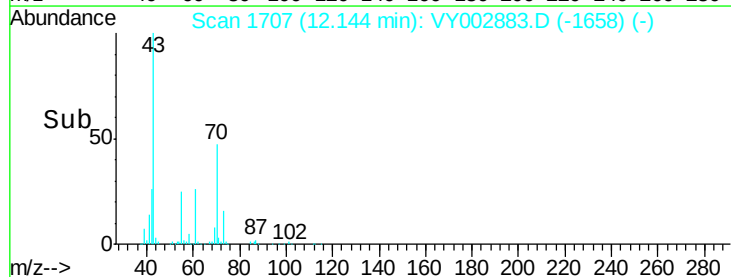
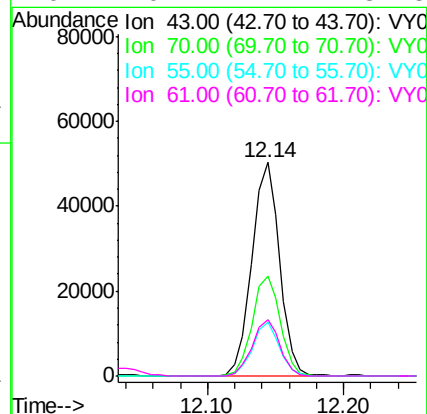
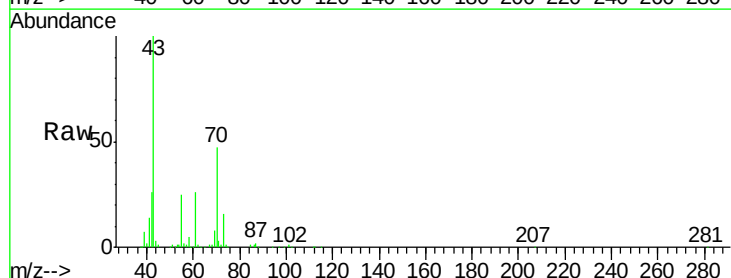
Ion Ratio Lower Upper

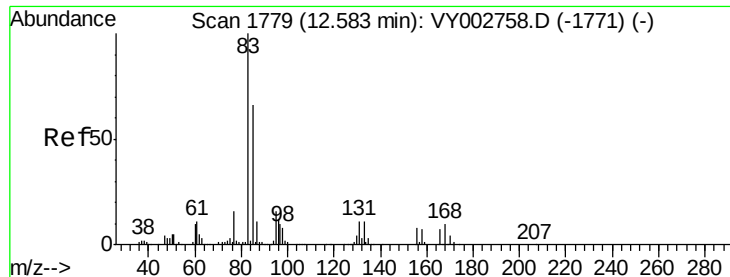
43 100

70 47.2 37.7 56.5

55 24.7 19.8 29.6

61 26.4 21.7 32.5





#75

1,1,2,2-Tetrachloroethane

Concen: 22.936 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY002883.D

Acq: 11 Jun 2020 11:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0611SBSD01

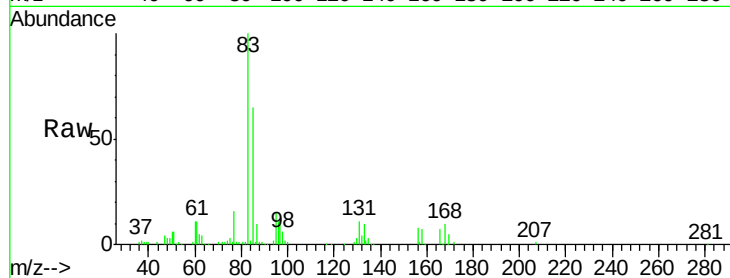
Tot Ion: 83 Resp: 52311

Ion Ratio Lower Upper

83 100

131 11.6 5.8 17.4

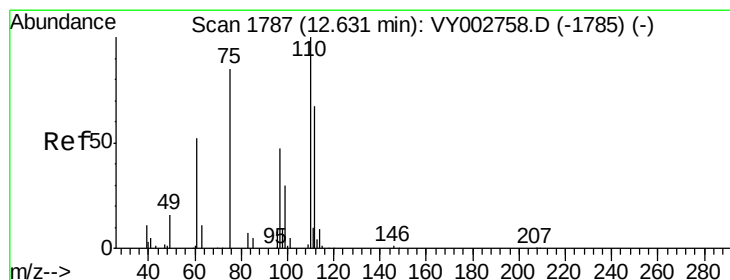
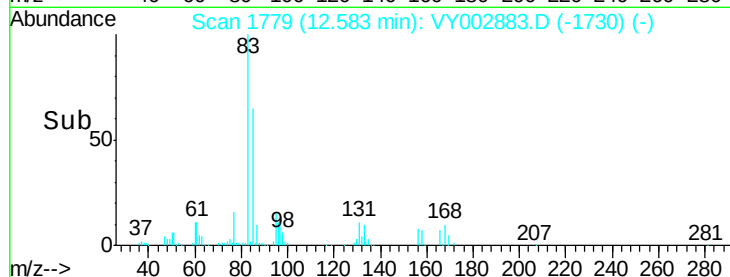
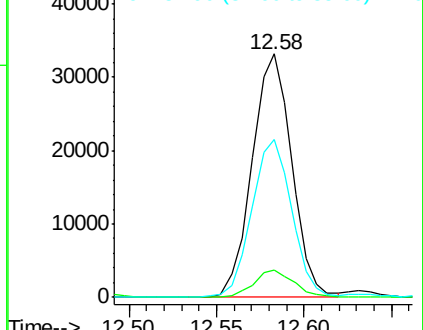
85 65.3 32.6 98.0



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 22.158 ug/l m

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY002883.D

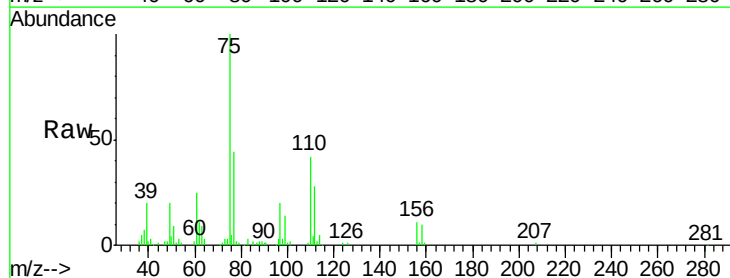
Acq: 11 Jun 2020 11:47

Tgt Ion: 75 Resp: 40499

Ion Ratio Lower Upper

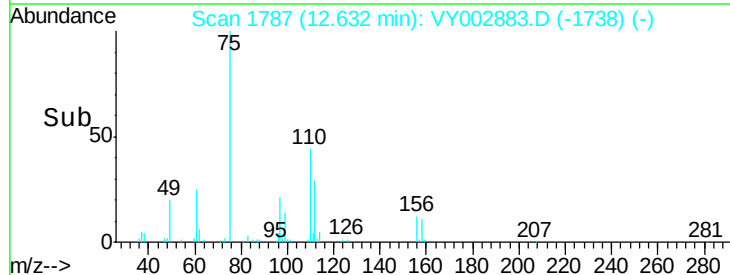
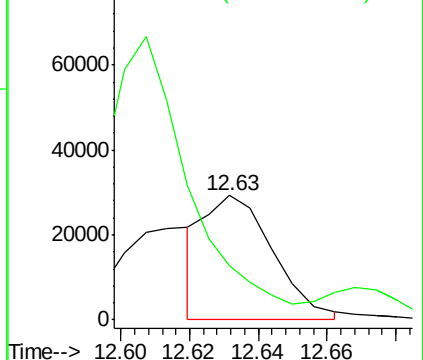
75 100

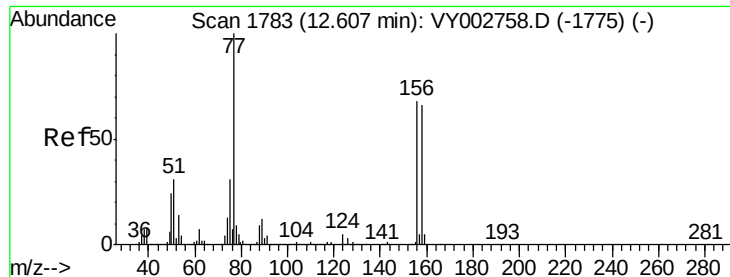
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 21.221 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY002883.D

Acq: 11 Jun 2020 11:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0611SBS01

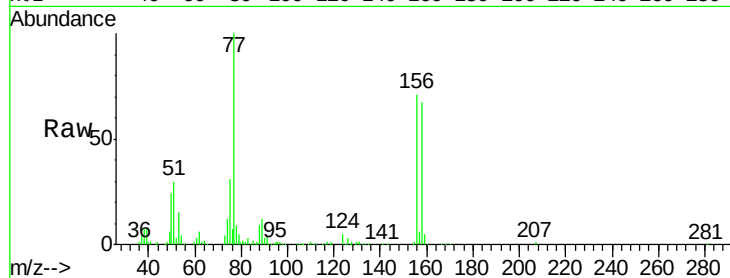
Tot Ion:156 Resp: 71825

Ion Ratio Lower Upper

156 100

77 162.9 81.4 244.2

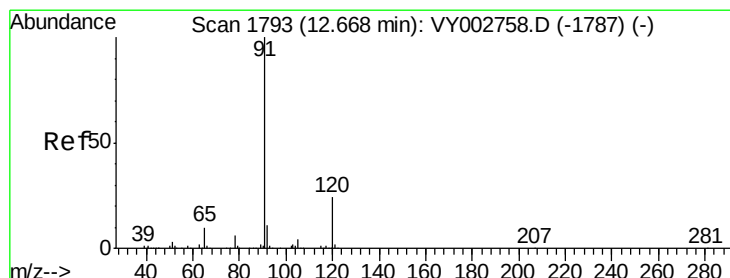
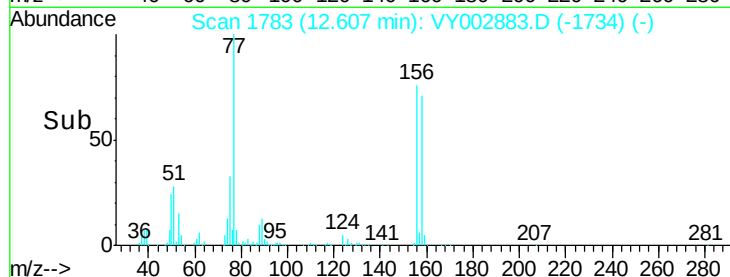
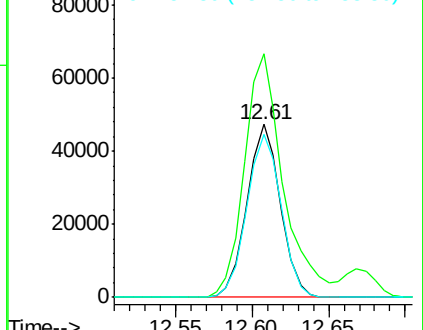
158 96.9 48.5 145.6



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: 21.470 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY002883.D

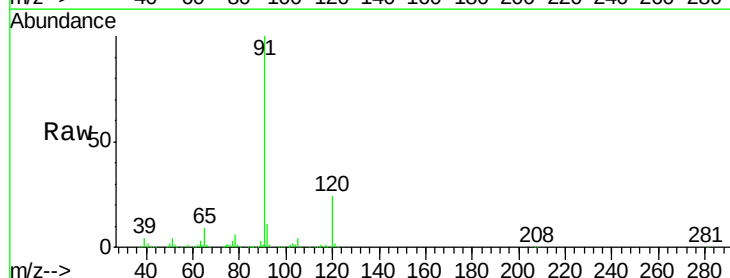
Acq: 11 Jun 2020 11:47

Tgt Ion: 91 Resp: 322380

Ion Ratio Lower Upper

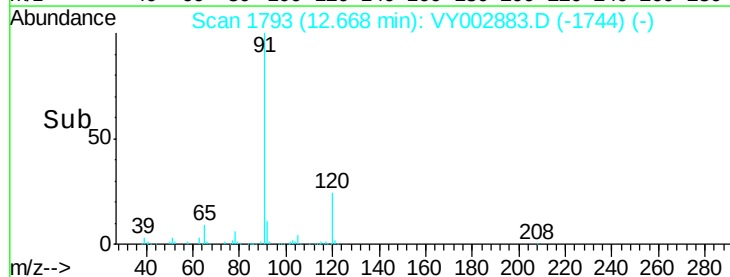
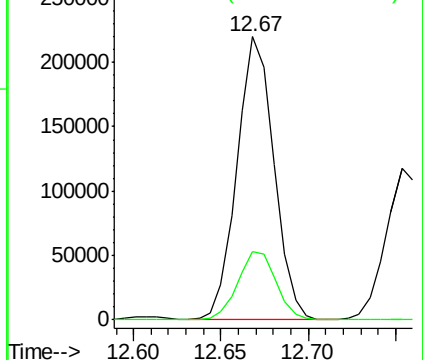
91 100

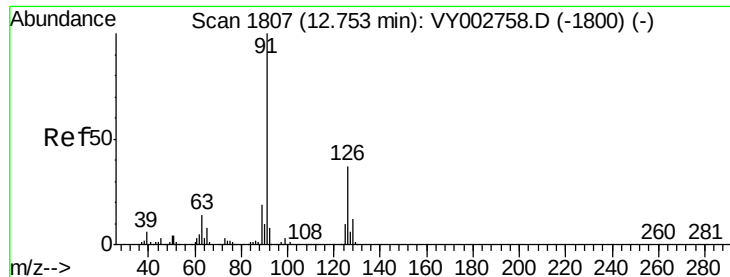
120 24.8 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.228 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY002883.D

Acq: 11 Jun 2020 11:47

Instrument :

MSVOA_Y

ClientSampleId :

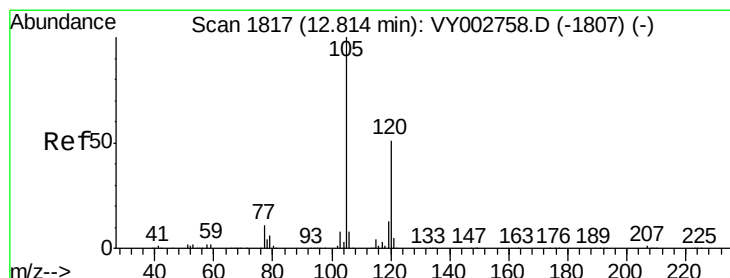
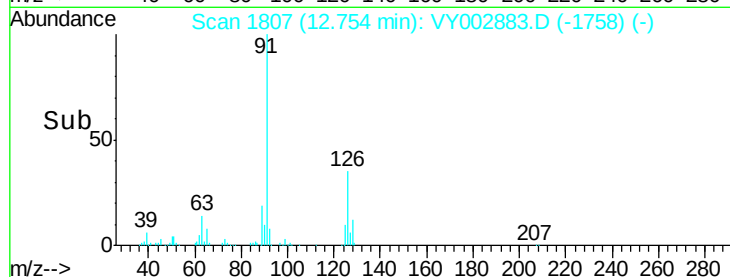
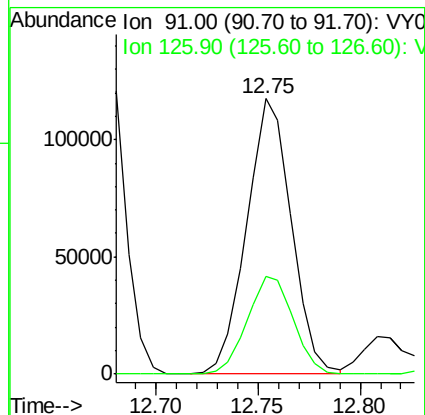
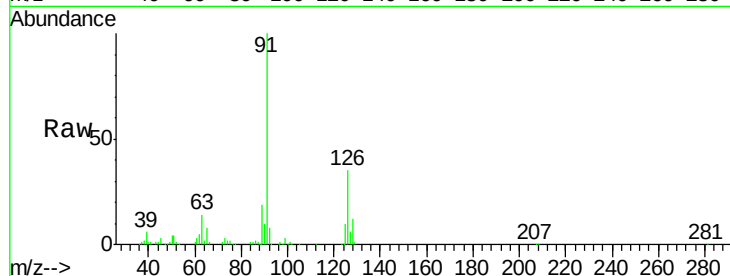
VY0611SBSD01

Tot Ion: 91 Resp: 178799

Ion Ratio Lower Upper

91 100

126 36.7 18.4 55.4



#80

1,3,5-Trimethylbenzene

Concen: 21.329 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. 0.00 min

Lab File: VY002883.D

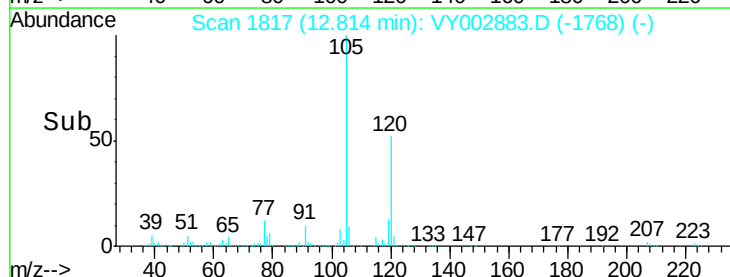
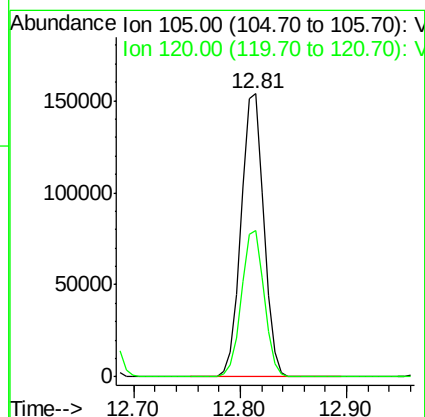
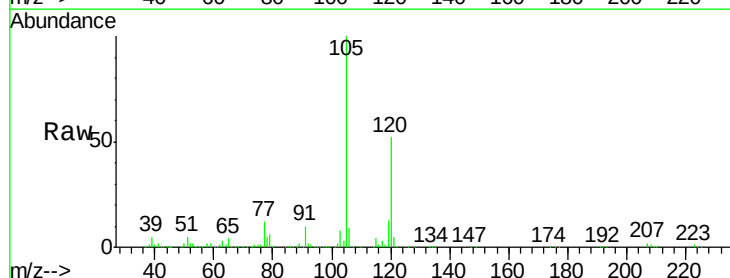
Acq: 11 Jun 2020 11:47

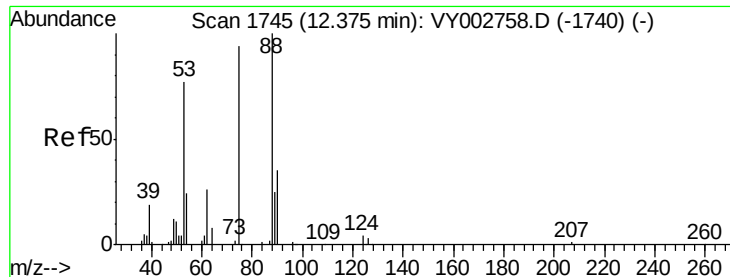
Tgt Ion:105 Resp: 231491

Ion Ratio Lower Upper

105 100

120 51.5 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 22.071 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY002883.D

Acq: 11 Jun 2020 11:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0611SBS01

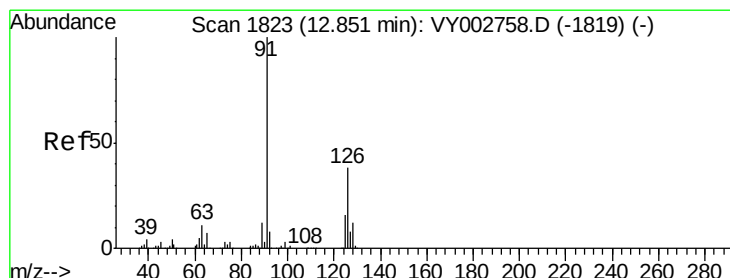
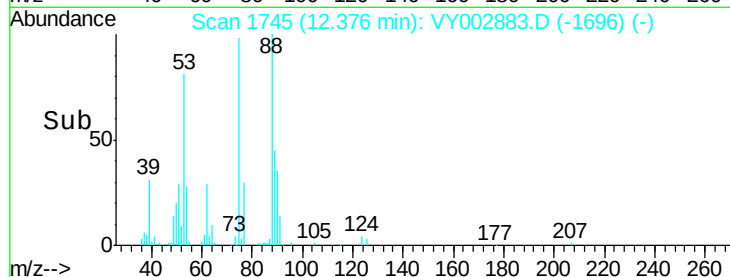
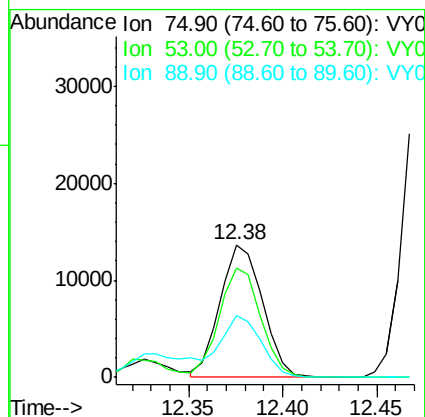
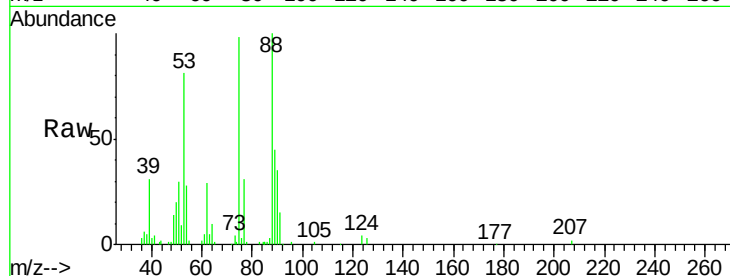
Tot Ion: 75 Resp: 21412

Ion Ratio Lower Upper

75 100

53 80.3 64.0 96.0

89 44.1 37.4 56.2



#82

4-Chlorotoluene

Concen: 21.414 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY002883.D

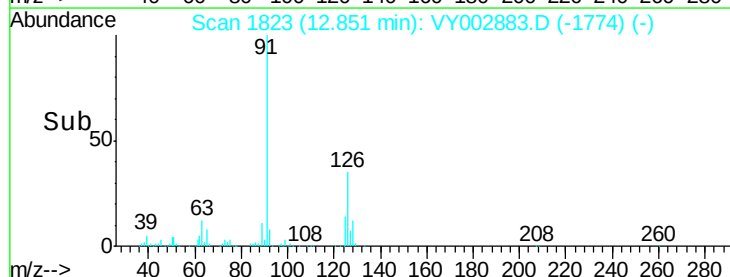
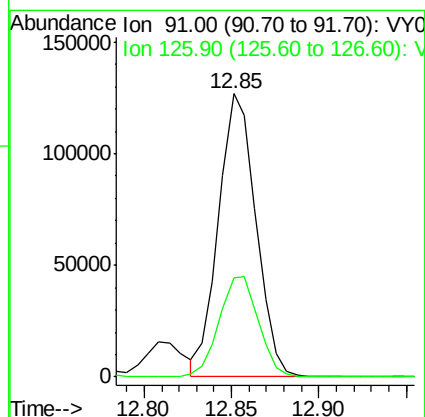
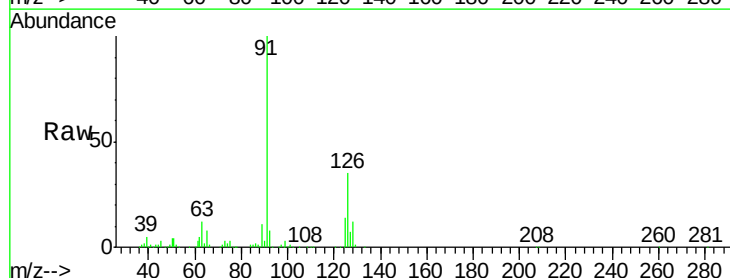
Acq: 11 Jun 2020 11:47

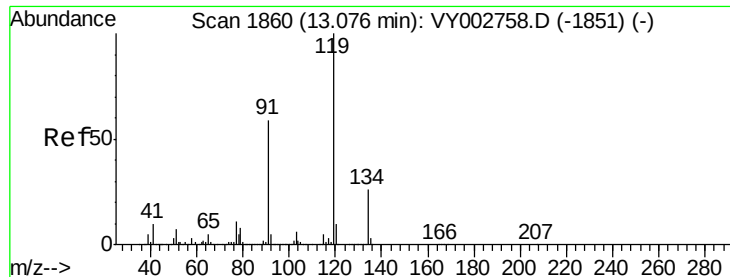
Tgt Ion: 91 Resp: 188965

Ion Ratio Lower Upper

91 100

126 37.3 18.5 55.5





#83

tert-Butylbenzene

Concen: 21.612 ug/l

RT: 13.08 min Scan# 1860

Delta R.T. 0.00 min

Lab File: VY002883.D

Acq: 11 Jun 2020 11:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0611SBS01

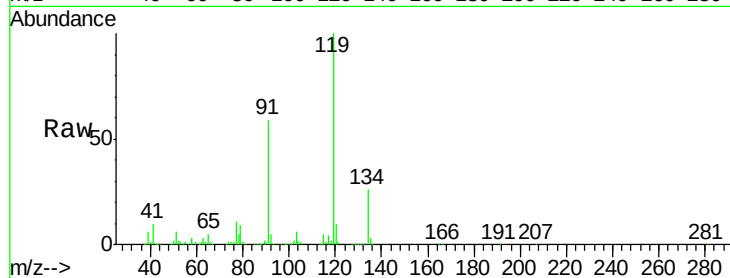
Tot Ion:119 Resp: 209234

Ion Ratio Lower Upper

119 100

91 58.8 29.8 89.4

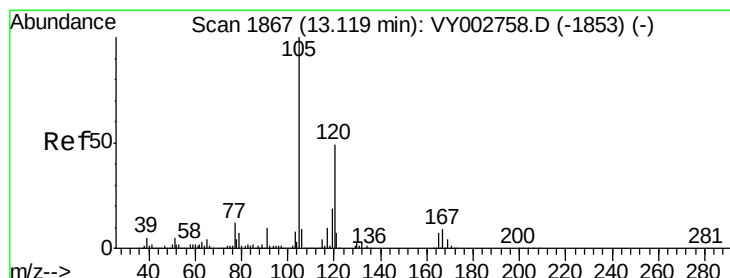
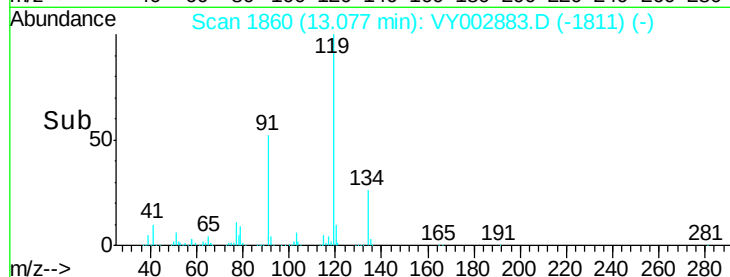
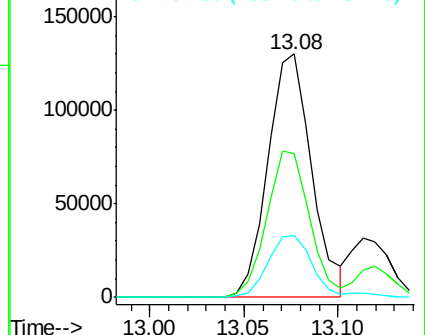
134 26.7 13.3 39.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 21.598 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VY002883.D

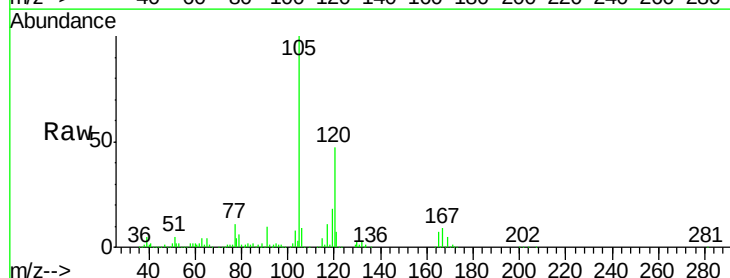
Acq: 11 Jun 2020 11:47

Tgt Ion:105 Resp: 235706

Ion Ratio Lower Upper

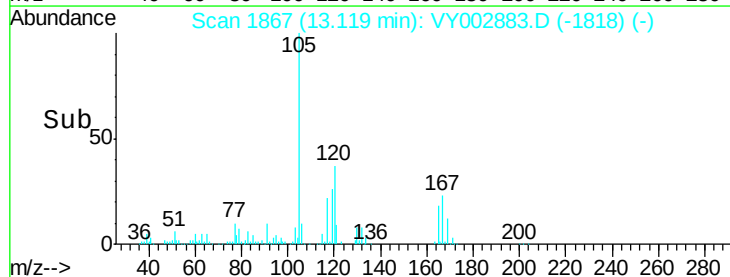
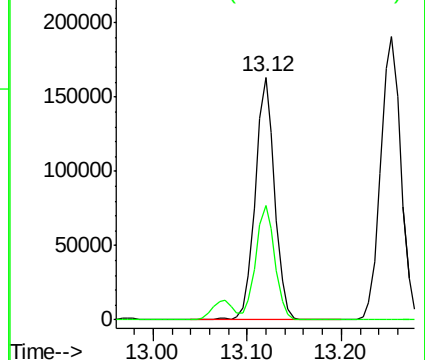
105 100

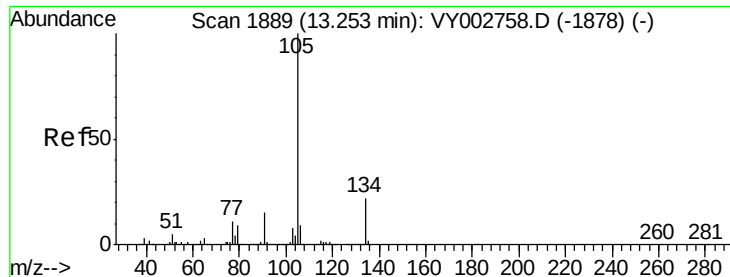
120 47.1 23.6 70.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 21.416 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY002883.D

Acq: 11 Jun 2020 11:47

Instrument :

MSVOA_Y

ClientSampleId :

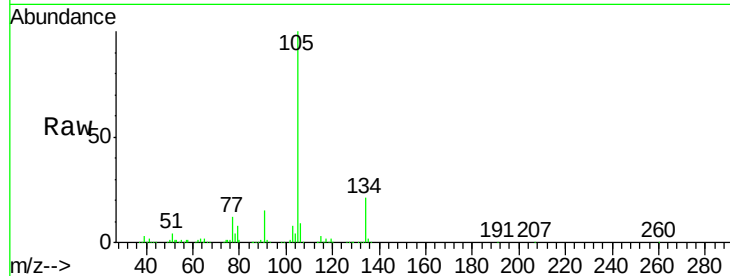
VY0611SBS01

Tot Ion:105 Resp: 283485

Ion Ratio Lower Upper

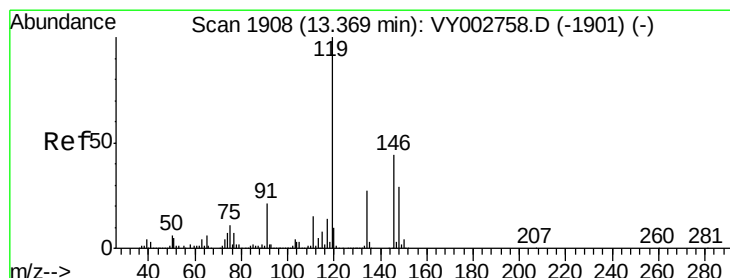
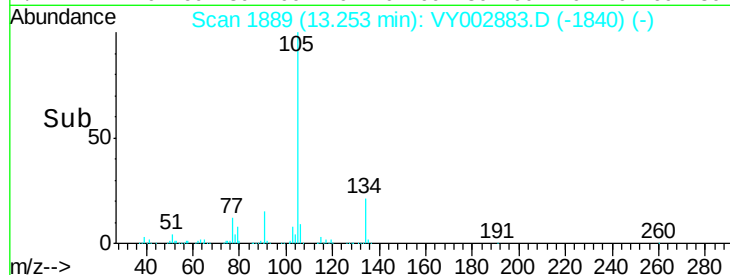
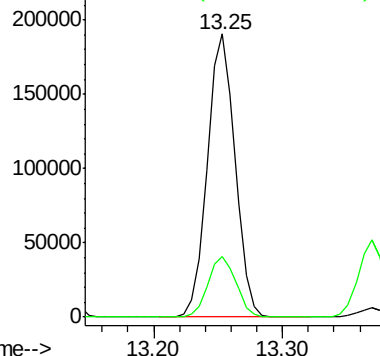
105 100

134 21.5 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.669 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY002883.D

Acq: 11 Jun 2020 11:47

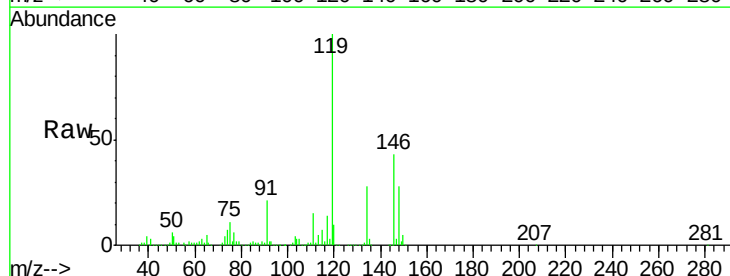
Tgt Ion:119 Resp: 266904

Ion Ratio Lower Upper

119 100

134 27.4 13.7 41.0

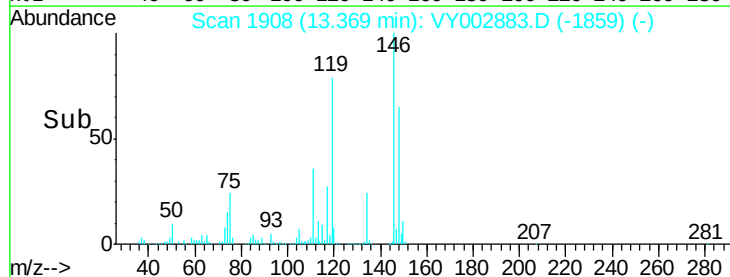
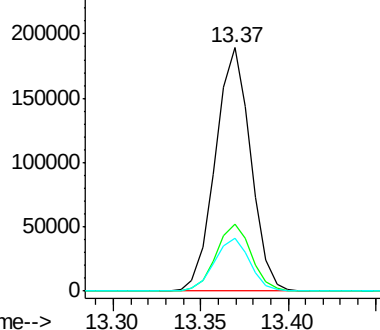
91 21.7 10.8 32.4

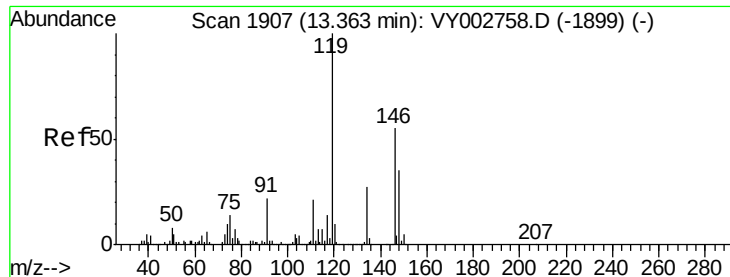


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

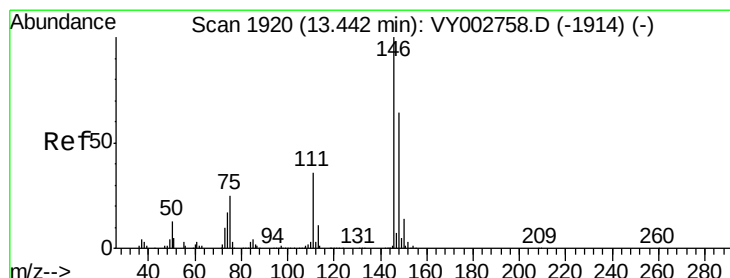
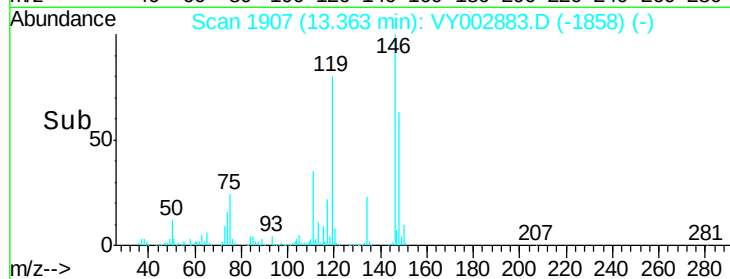
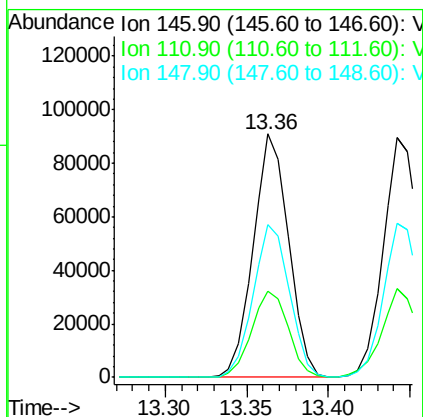
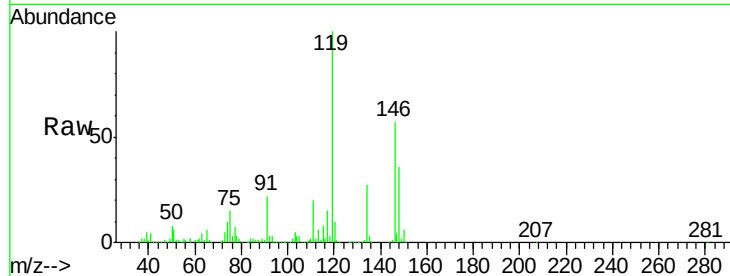




#87
 1,3-Dichlorobenzene
 Concen: 21.470 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY002883.D
 Acq: 11 Jun 2020 11:47

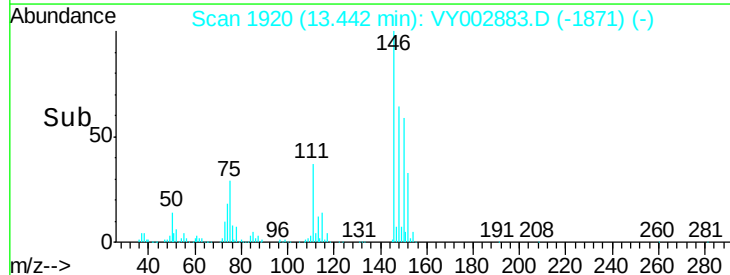
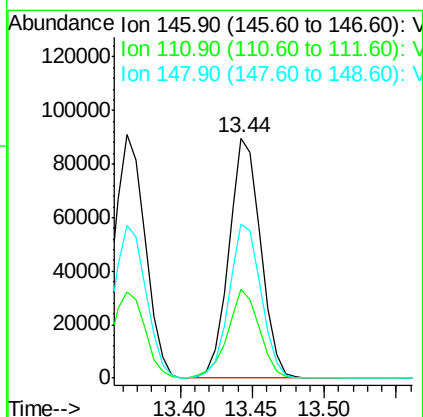
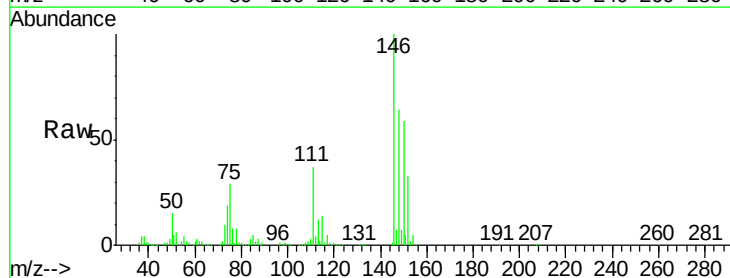
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0611SBS01

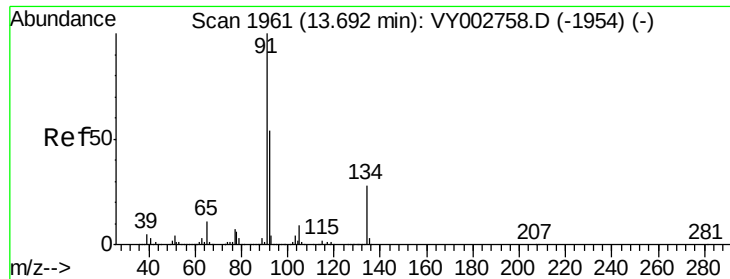
Tot Ion:146 Resp: 137652
 Ion Ratio Lower Upper
 146 100
 111 36.4 18.4 55.0
 148 64.1 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 21.523 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY002883.D
 Acq: 11 Jun 2020 11:47

Tgt Ion:146 Resp: 138038
 Ion Ratio Lower Upper
 146 100
 111 37.2 18.1 54.3
 148 64.9 32.1 96.3





#89

n-Butylbenzene

Concen: 21.626 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. 0.01 min

Lab File: VY002883.D

Acq: 11 Jun 2020 11:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0611SBS01

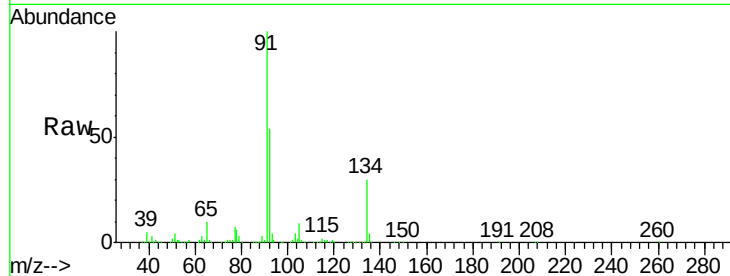
Tot Ion: 91 Resp: 241845

Ion Ratio Lower Upper

91 100

92 53.9 27.1 81.2

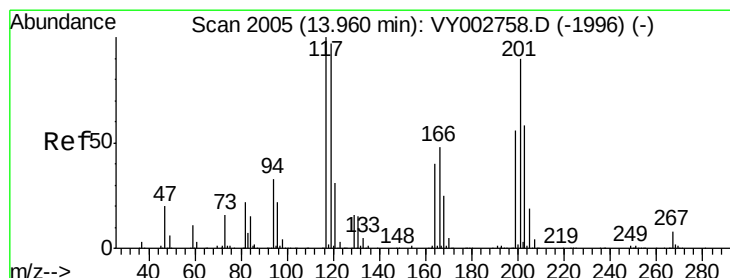
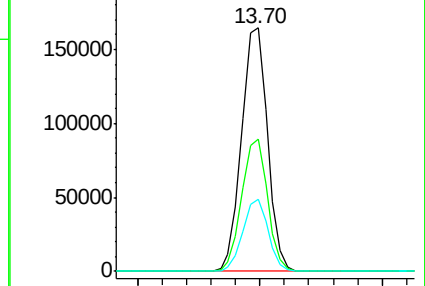
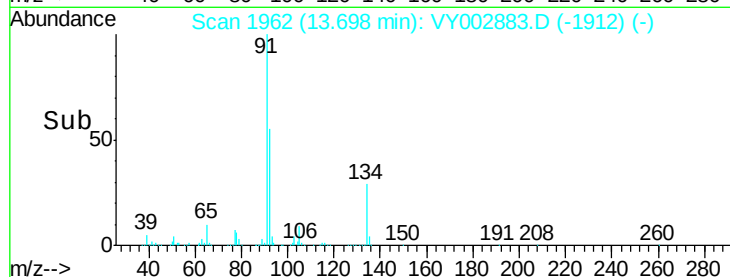
134 28.9 14.3 42.9



Abundance Ion 91.00 (90.70 to 91.70): VY002883.D (-1912) (-)

Ion 92.00 (91.70 to 92.70): VY002883.D (-1912) (-)

Ion 134.00 (133.70 to 134.70): VY002883.D (-1912) (-)



#90

Hexachloroethane

Concen: 21.835 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. 0.00 min

Lab File: VY002883.D

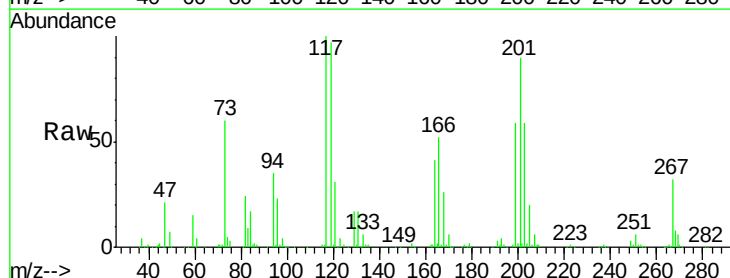
Acq: 11 Jun 2020 11:47

Tgt Ion: 117 Resp: 50351

Ion Ratio Lower Upper

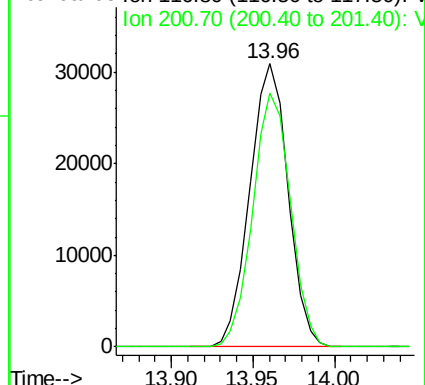
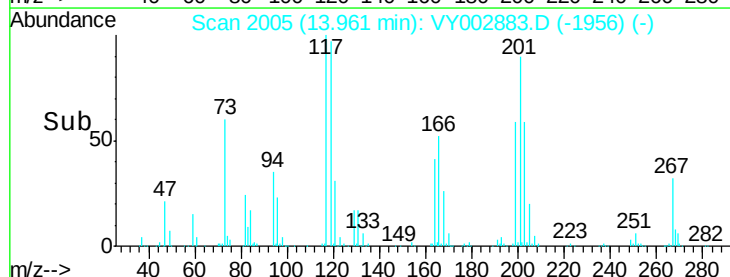
117 100

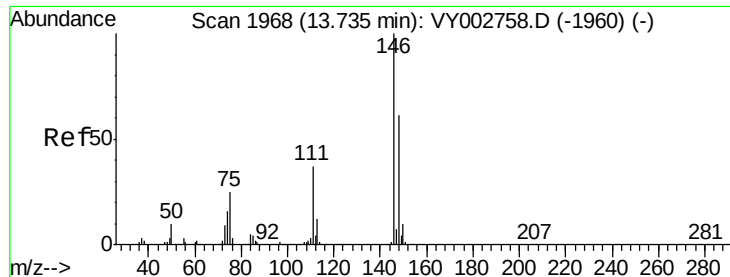
201 88.6 43.9 131.6



Abundance Ion 116.80 (116.50 to 117.50): VY002883.D (-1956) (-)

Ion 200.70 (200.40 to 201.40): VY002883.D (-1956) (-)

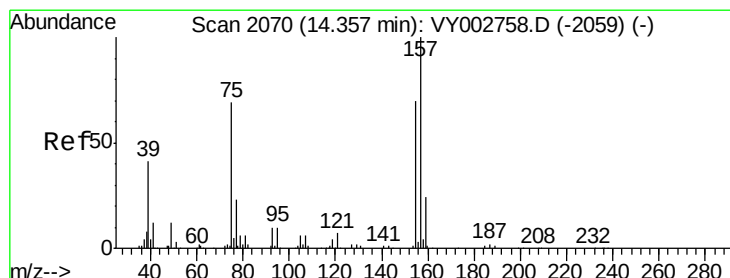
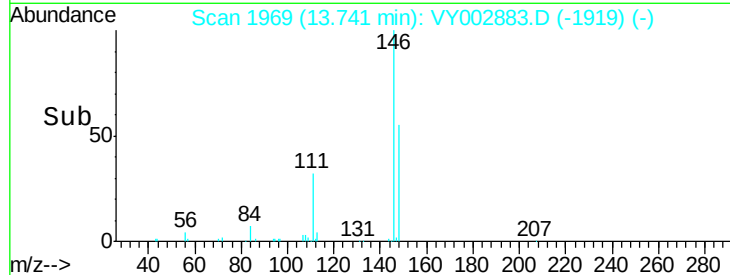
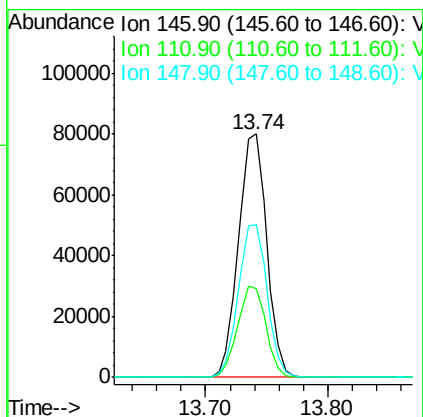
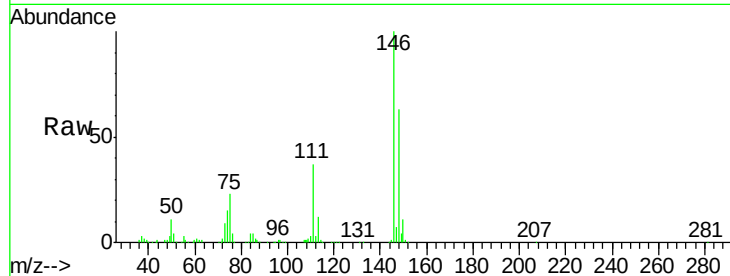




#91
 1,2-Dichlorobenzene
 Concen: 22.015 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.01 min
 Lab File: VY002883.D
 Acq: 11 Jun 2020 11:47

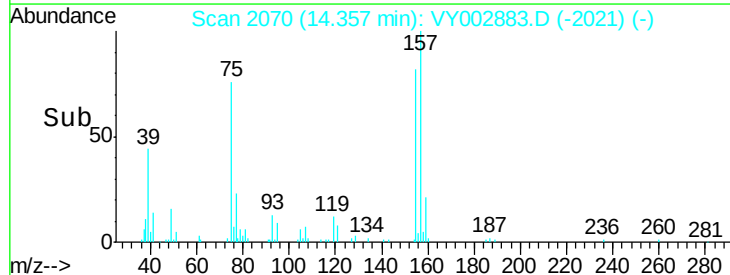
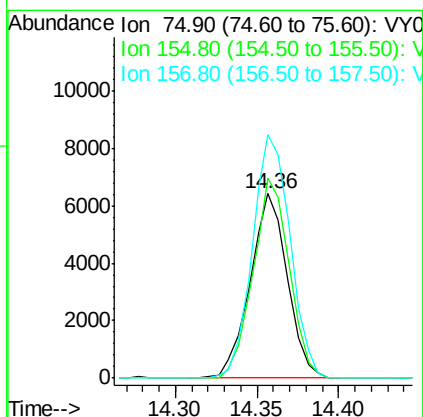
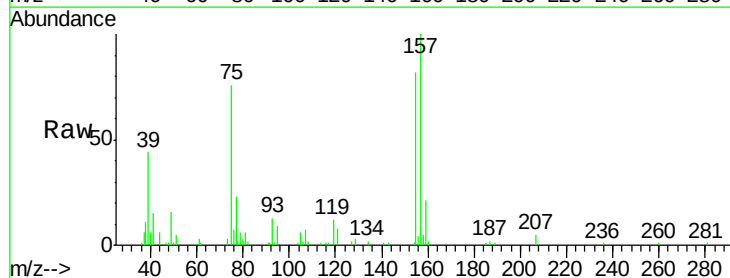
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0611SBSD01

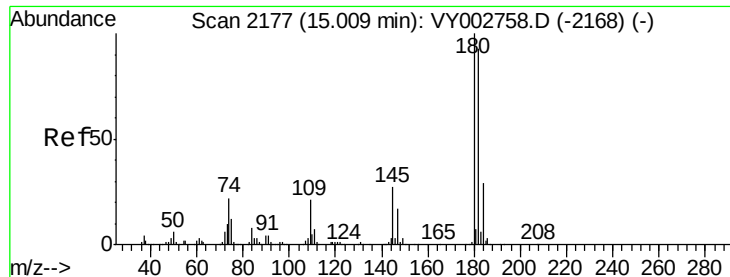
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.9	56.9
148	63.8	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 23.068 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY002883.D
 Acq: 11 Jun 2020 11:47

Tgt Ion	Ratio	Lower	Upper
75	100		
155	105.6	53.5	160.5
157	133.8	69.9	209.7

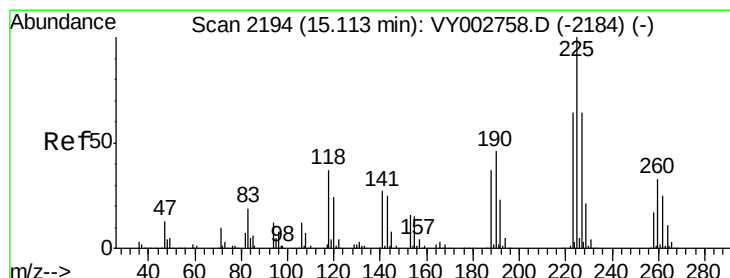
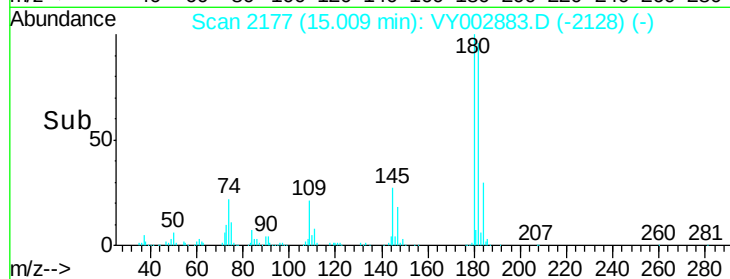
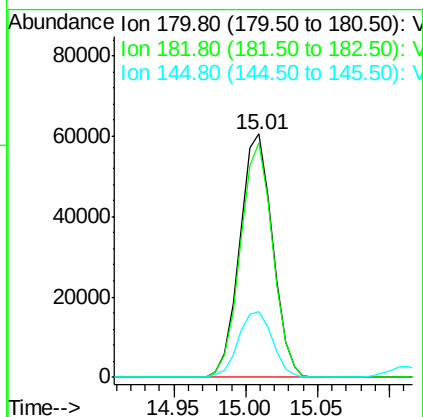
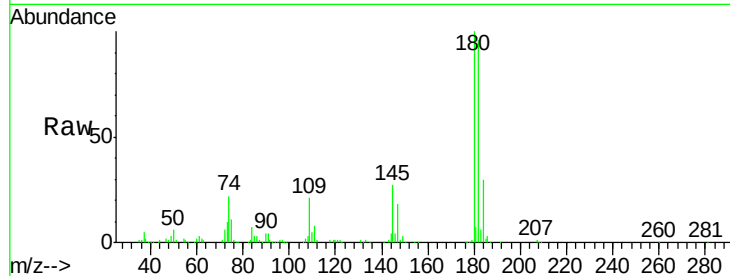




#93
 1,2,4-Trichlorobenzene
 Concen: 21.796 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VY002883.D
 Acq: 11 Jun 2020 11:47

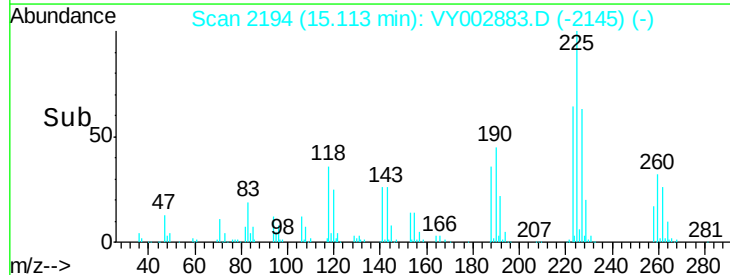
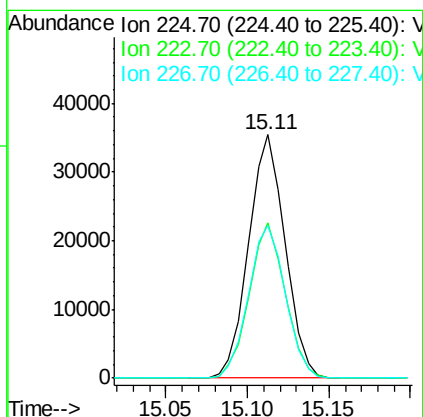
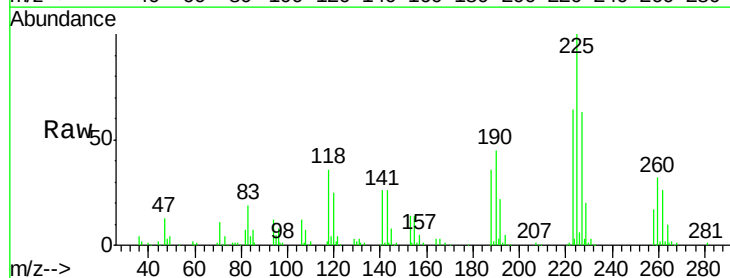
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0611SBS01

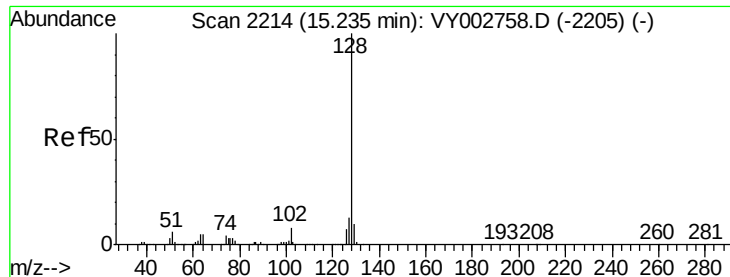
Tot Ion:180 Resp: 95523
 Ion Ratio Lower Upper
 180 100
 182 95.0 47.3 141.9
 145 28.2 14.1 42.3



#94
 Hexachlorobutadiene
 Concen: 22.148 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY002883.D
 Acq: 11 Jun 2020 11:47

Tgt Ion:225 Resp: 55054
 Ion Ratio Lower Upper
 225 100
 223 63.0 31.6 95.0
 227 63.3 32.3 96.9





#95

Naphthalene

Concen: 21.645 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. 0.00 min

Lab File: VY002883.D

Acq: 11 Jun 2020 11:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0611SBSD01

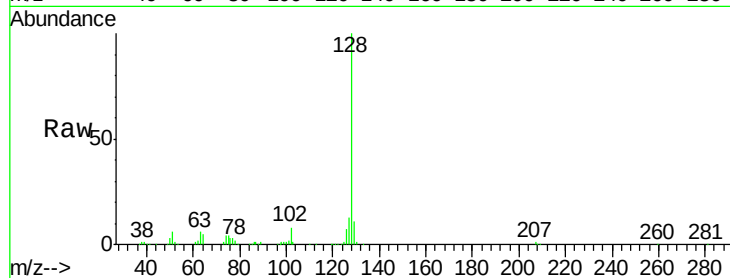
Tot Ion:128 Resp: 190204

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

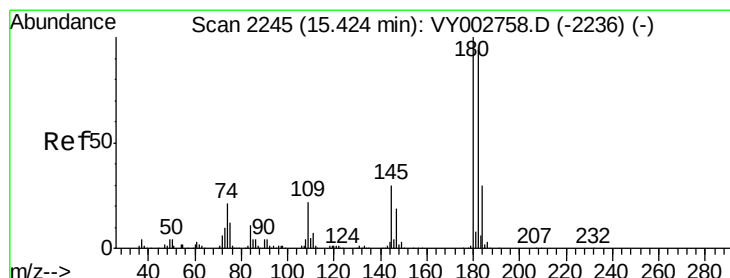
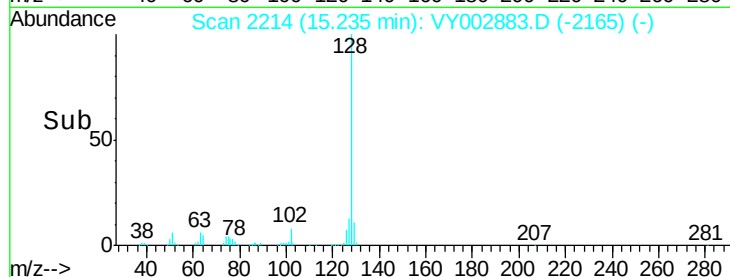
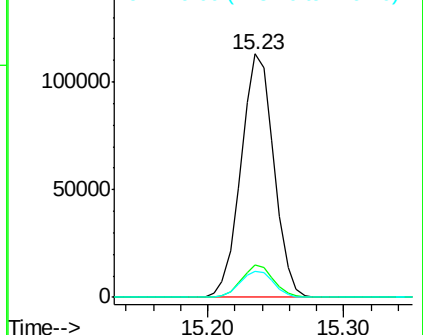
129 11.1 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 22.026 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VY002883.D

Acq: 11 Jun 2020 11:47

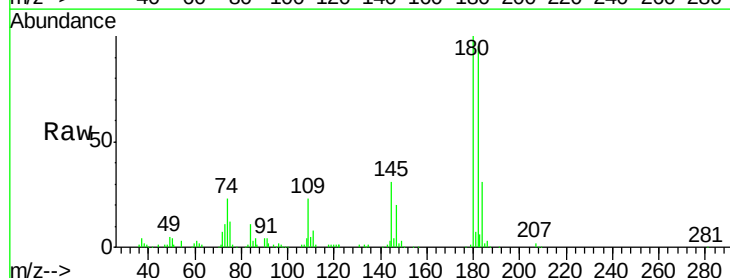
Tgt Ion:180 Resp: 86203

Ion Ratio Lower Upper

180 100

182 93.7 48.1 144.4

145 29.9 15.1 45.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

