

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072320\
 Data File : VY003311.D
 Acq On : 23 Jul 2020 12:56
 Operator : SY/MD
 Sample : VY0723SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0723SBS01

Quant Time: Jul 24 04:35:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	422804	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	619606	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	574728	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	313554	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	184365	51.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.32%	
35) Dibromofluoromethane	7.72	113	174253	48.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.74%	
50) Toluene-d8	10.18	98	650675	49.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.16%	
62) 4-Bromofluorobenzene	12.48	95	233818	48.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.64%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.90	85	75946	25.062	ug/l	97
3) Chloromethane	2.12	50	97323	23.154	ug/l	100
4) Vinyl Chloride	2.25	62	100643	23.336	ug/l	99
5) Bromomethane	2.64	94	77099	24.068	ug/l	97
6) Chloroethane	2.79	64	66171	23.360	ug/l	97
7) Trichlorofluoromethane	3.13	101	150173	24.383	ug/l	99
8) Diethyl Ether	3.53	74	48742	23.617	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	3.90	101	86527	23.262	ug/l	98
10) Methyl Iodide	4.10	142	86017	21.285	ug/l	97
11) Tert butyl alcohol	4.96	59	49723	128.856	ug/l	95
12) 1,1-Dichloroethene	3.88	96	81056	23.038	ug/l	97
13) Acrolein	3.73	56	27013	80.652	ug/l	95
14) Allyl chloride	4.49	41	133625	25.596	ug/l	95
15) Acrylonitrile	5.18	53	127550	128.658	ug/l	99
16) Acetone	3.96	43	99559	124.898	ug/l	95
17) Carbon Disulfide	4.19	76	251129	23.261	ug/l	99
18) Methyl Acetate	4.49	43	59967	27.089	ug/l	96
19) Methyl tert-butyl Ether	5.23	73	229431	23.270	ug/l	98
20) Methylene Chloride	4.72	84	120131	27.478	ug/l	95
21) trans-1,2-Dichloroethene	5.22	96	90655	22.781	ug/l	94
22) Diisopropyl ether	6.13	45	289751	25.008	ug/l	96
23) Vinyl Acetate	6.07	43	944832	122.346	ug/l	99
24) 1,1-Dichloroethane	6.03	63	160054	23.844	ug/l	99
25) 2-Butanone	6.99	43	163737	125.105	ug/l	93
26) 2,2-Dichloropropane	6.99	77	142457	23.565	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	100867	23.022	ug/l	97
28) Bromochloromethane	7.34	49	68332	23.513	ug/l	95
29) Tetrahydrofuran	7.35	42	110912	126.147	ug/l	96
30) Chloroform	7.52	83	160979	23.285	ug/l	94
31) Cyclohexane	7.78	56	152534	23.500	ug/l	95
32) 1,1,1-Trichloroethane	7.71	97	144167	23.163	ug/l	99
36) 1,1-Dichloropropene	7.92	75	126172	22.468	ug/l	99
37) Ethyl Acetate	7.08	43	75320	24.906	ug/l	98
38) Carbon Tetrachloride	7.91	117	131795	22.734	ug/l	95

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 Sample : VY0723SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0723SBS01

Quant Time: Jul 24 04:35:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	155466	22.038	ug/l	95
40) Benzene	8.16	78	359122	23.225	ug/l	96
41) Methacrylonitrile	7.35	41	102491	56.271	ug/l #	43
42) 1,2-Dichloroethane	8.24	62	110341	23.179	ug/l	100
43) Isopropyl Acetate	8.28	43	138016	23.577	ug/l	99
44) Trichloroethene	8.94	130	102263	21.574	ug/l	98
45) 1,2-Dichloropropane	9.22	63	94834	23.702	ug/l	95
46) Dibromomethane	9.31	93	52589	22.504	ug/l	99
47) Bromodichloromethane	9.50	83	128308	23.086	ug/l	98
48) Methyl methacrylate	9.30	41	62532	23.895	ug/l	94
49) 1,4-Dioxane	9.30	88	13443	453.258	ug/l	89
51) 4-Methyl-2-Pentanone	10.07	43	371146	121.983	ug/l	98
52) Toluene	10.24	92	224449	22.710	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	133889	23.251	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	154726	23.320	ug/l	96
55) 1,1,2-Trichloroethane	10.64	97	74697	22.557	ug/l	96
56) Ethyl methacrylate	10.51	69	103340	22.954	ug/l	98
57) 1,3-Dichloropropane	10.79	76	128261	22.844	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	274812	119.691	ug/l	98
59) 2-Hexanone	10.83	43	259412	122.136	ug/l	99
60) Dibromochloromethane	10.99	129	94648	22.725	ug/l	100
61) 1,2-Dibromoethane	11.09	107	72491	22.180	ug/l	99
64) Tetrachloroethene	10.72	164	102451	19.993	ug/l	98
65) Chlorobenzene	11.52	112	244986	22.127	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	95582	22.227	ug/l	99
67) Ethyl Benzene	11.59	91	445628	22.542	ug/l	100
68) m/p-Xylenes	11.70	106	332023	44.265	ug/l	99
69) o-Xylene	12.03	106	155330	22.167	ug/l	97
70) Styrene	12.04	104	270686	22.581	ug/l	100
71) Bromoform	12.20	173	62677	22.207	ug/l	100
73) Isopropylbenzene	12.33	105	432080	21.624	ug/l	100
74) N-amyl acetate	12.14	43	126727	22.603	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	87865	22.768	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	118713	42.772	ug/l #	100
77) Bromobenzene	12.61	156	110741	21.742	ug/l	99
78) n-propylbenzene	12.67	91	527343	22.389	ug/l	99
79) 2-Chlorotoluene	12.75	91	287298	21.862	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	369418	22.182	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	30590	21.450	ug/l	98
82) 4-Chlorotoluene	12.85	91	302425	22.048	ug/l	99
83) tert-Butylbenzene	13.07	119	327080	22.258	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	367962	21.959	ug/l	99
85) sec-Butylbenzene	13.25	105	449925	22.277	ug/l	100
86) p-Isopropyltoluene	13.37	119	414619	21.986	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	212118	22.023	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	210876	22.114	ug/l	99
89) n-Butylbenzene	13.69	91	397290	22.397	ug/l	99
90) Hexachloroethane	13.96	117	80613	23.473	ug/l	99
91) 1,2-Dichlorobenzene	13.73	146	190430	22.529	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.35	75	14197	22.691	ug/l	96

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Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0723SBSD01

Quant Time: Jul 24 04:35:25 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 10 13:18:03 2020
Response via : Initial Calibration

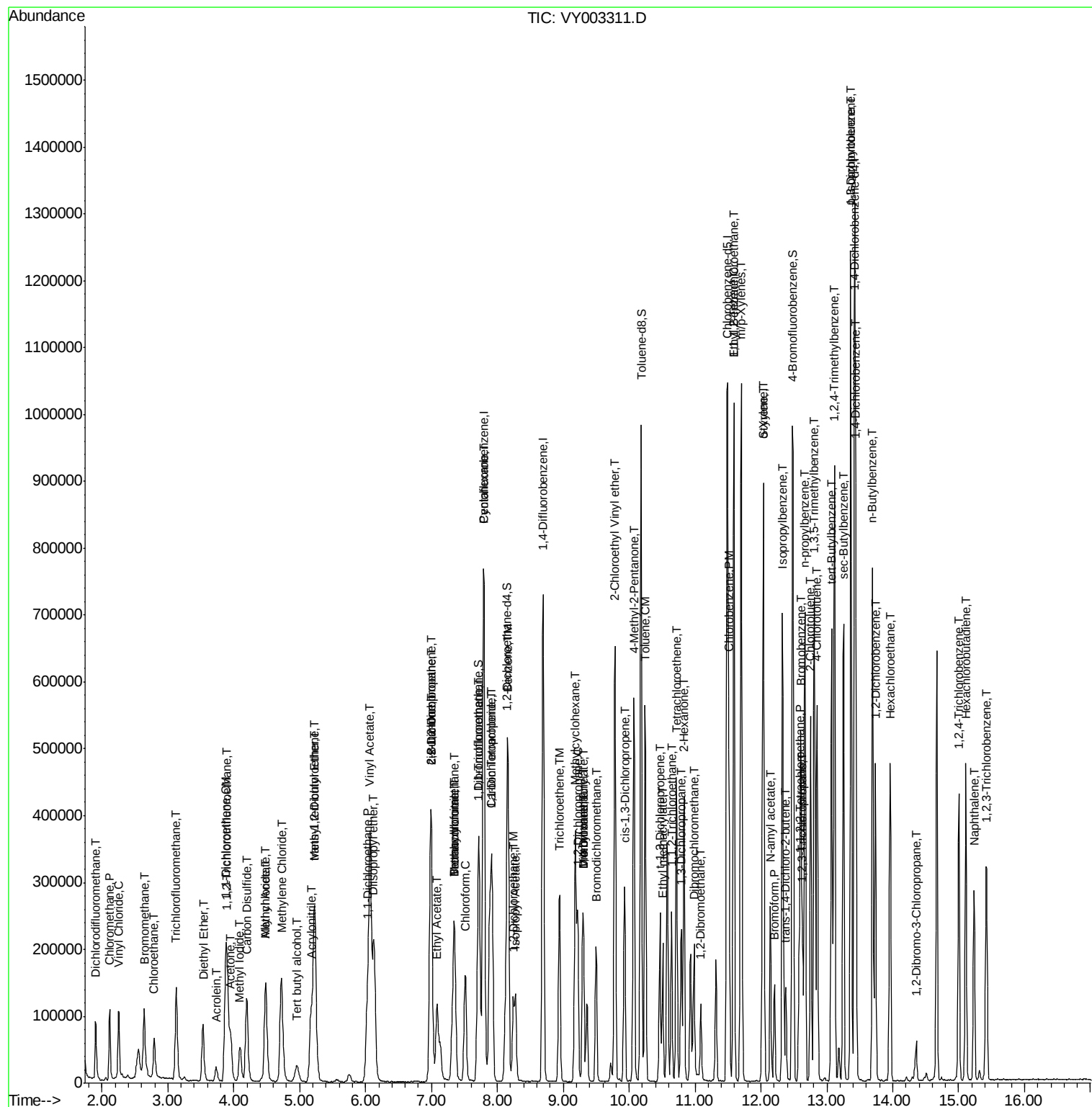
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	138849	23.090	ug/l	100
94) Hexachlorobutadiene	15.11	225	91669	22.248	ug/l	99
95) Naphthalene	15.23	128	231217	23.266	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	111788	23.517	ug/l	98

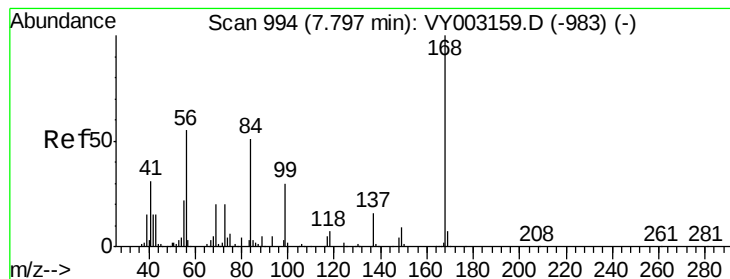
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY072320\
Data File : VY003311.D
Acq On : 23 Jul 2020 12:56
Operator : SY/MD
Sample : VY0723SBSD01
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0723SBSD01

Quant Time: Jul 24 04:35:25 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 10 13:18:03 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003311.D

Acq: 23 Jul 2020 12:56

Instrument :

MSVOA_Y

ClientSampleId :

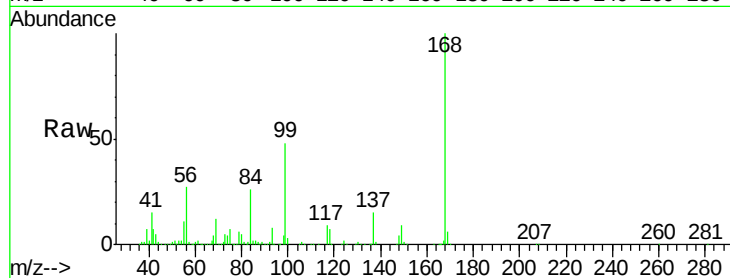
VY0723SBS01

Tot Ion:168 Resp: 422804

Ion Ratio Lower Upper

168 100

99 48.1 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003311.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003311.D (-945) (-)

7.80

200000

150000

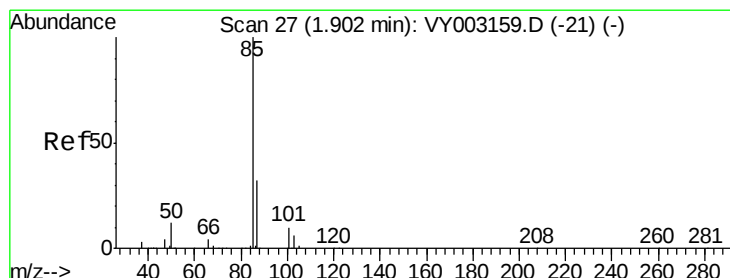
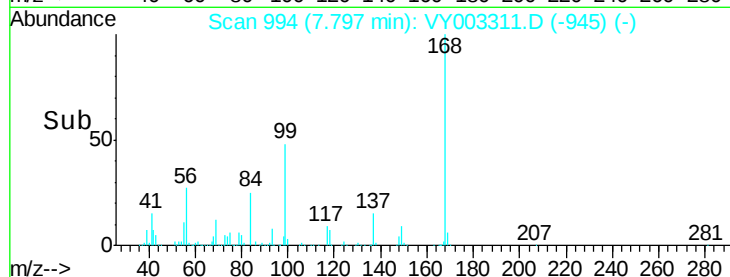
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 25.062 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY003311.D

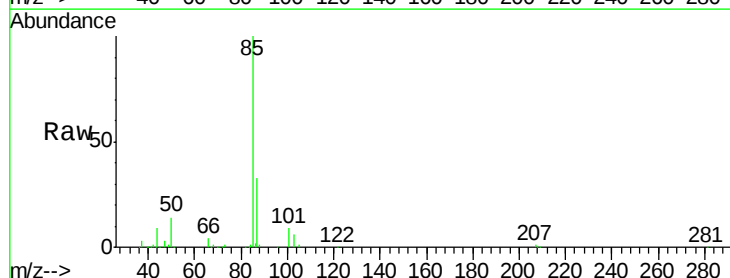
Acq: 23 Jul 2020 12:56

Tgt Ion: 85 Resp: 75946

Ion Ratio Lower Upper

85 100

87 33.2 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY003311.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY003311.D (-1) (-)

1.90

50000

40000

30000

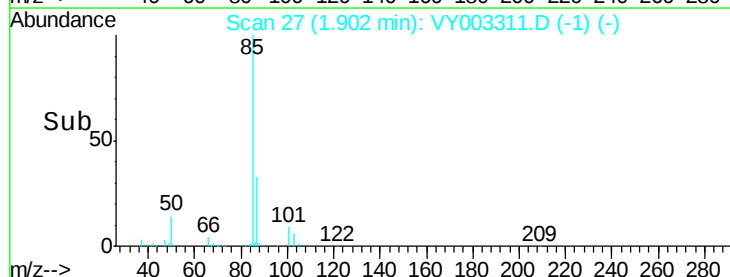
20000

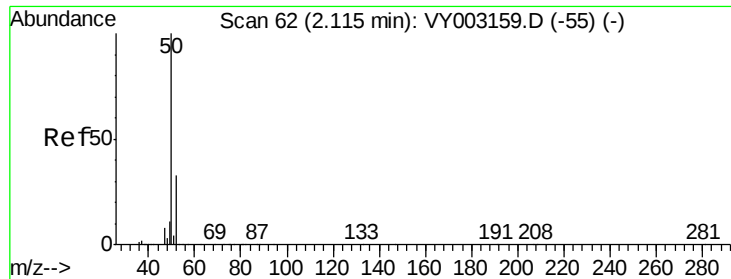
10000

0

1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 23.154 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003311.D

Acq: 23 Jul 2020 12:56

Instrument :

MSVOA_Y

ClientSampleId :

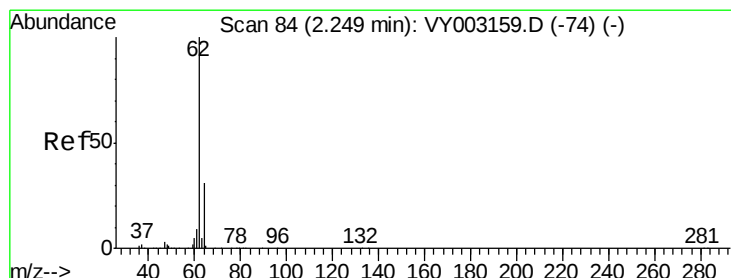
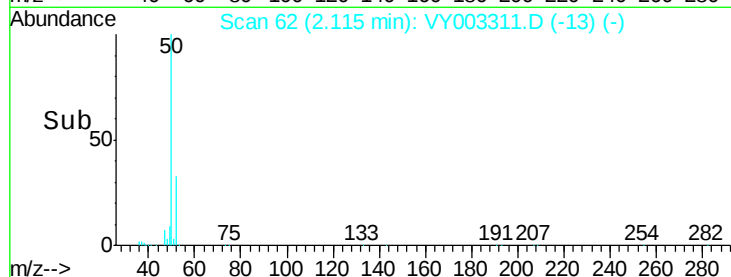
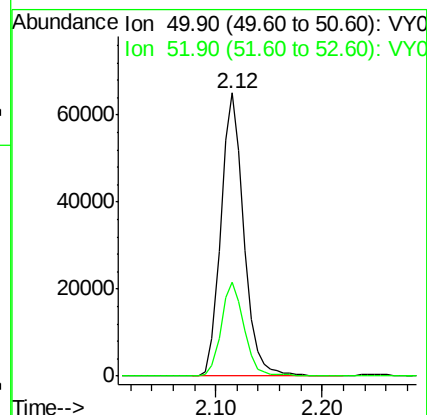
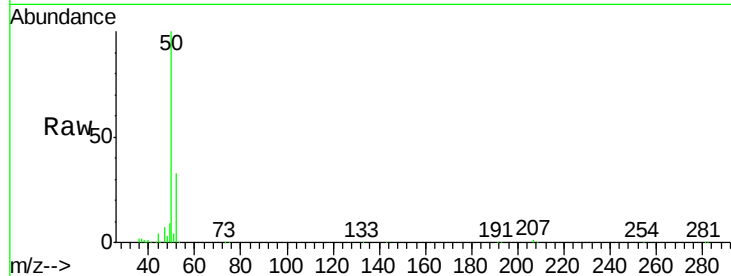
VY0723SBS01

Tot Ion: 50 Resp: 97323

Ion Ratio Lower Upper

50 100

52 33.4 26.6 39.8



#4

Vinyl Chloride

Concen: 23.336 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.00 min

Lab File: VY003311.D

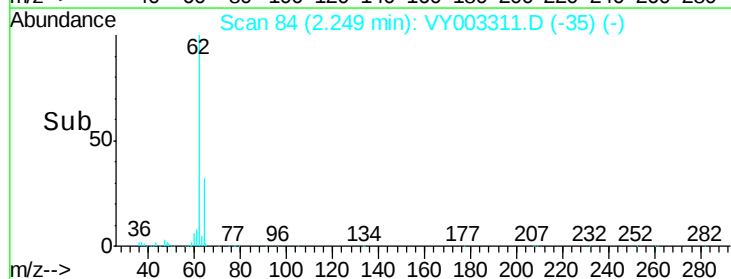
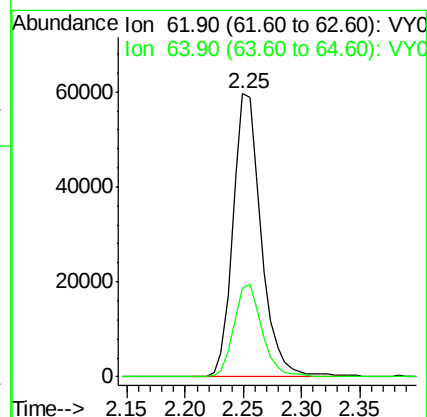
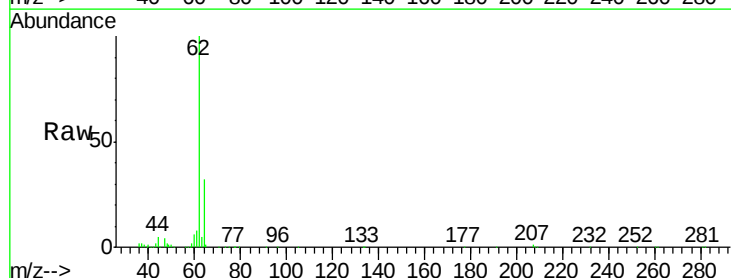
Acq: 23 Jul 2020 12:56

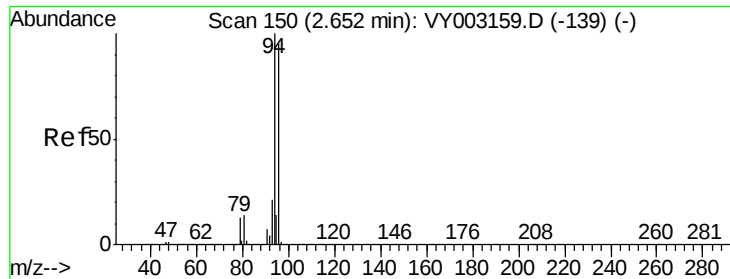
Tgt Ion: 62 Resp: 100643

Ion Ratio Lower Upper

62 100

64 31.5 24.6 37.0





#5

Bromomethane

Concen: 24.068 ug/l

RT: 2.64 min Scan# 148

Delta R.T. -0.01 min

Lab File: VY003311.D

Acq: 23 Jul 2020 12:56

Instrument :

MSVOA_Y

ClientSampleId :

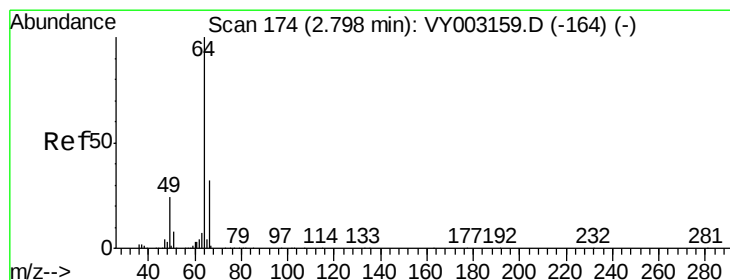
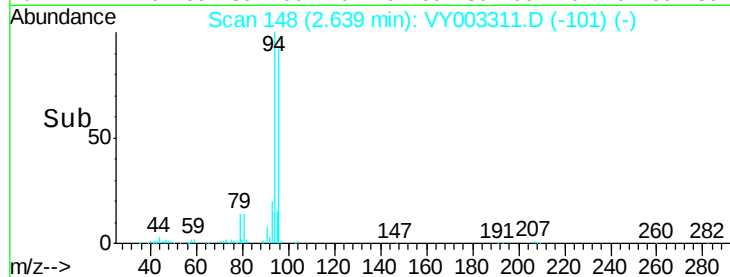
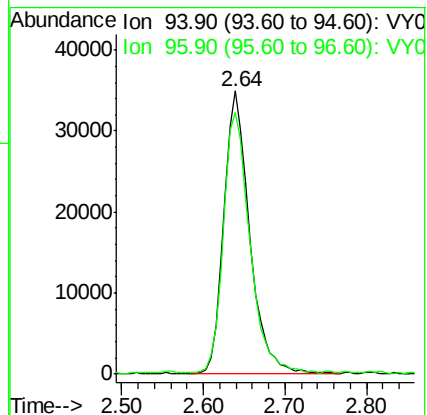
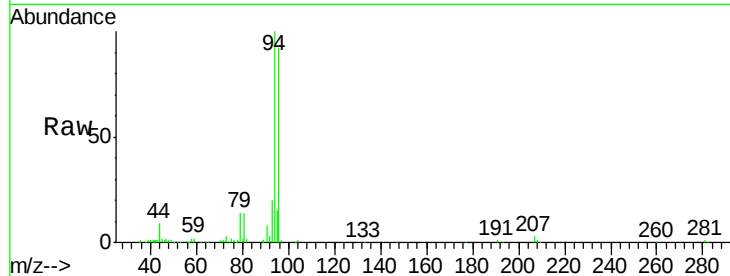
VY0723SBS01

Tot Ion: 94 Resp: 77099

Ion Ratio Lower Upper

94 100

96 91.7 76.0 114.0



#6

Chloroethane

Concen: 23.360 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.01 min

Lab File: VY003311.D

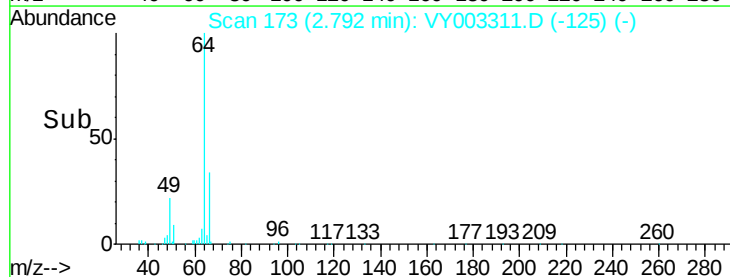
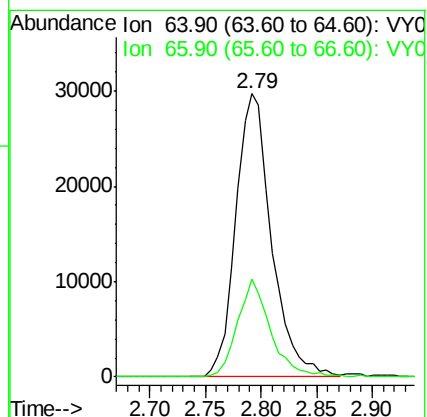
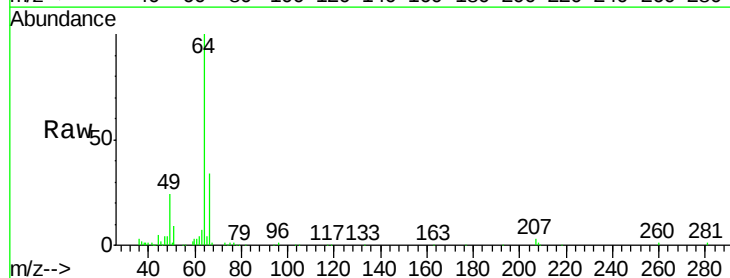
Acq: 23 Jul 2020 12:56

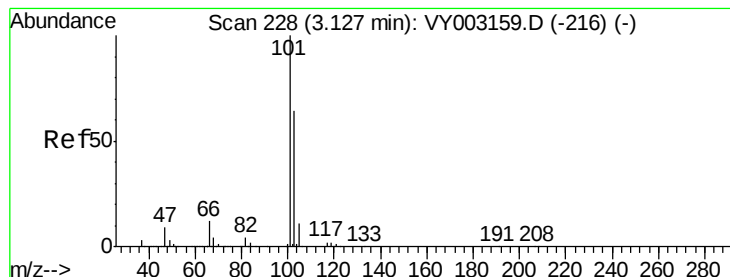
Tgt Ion: 64 Resp: 66171

Ion Ratio Lower Upper

64 100

66 34.4 26.0 39.0



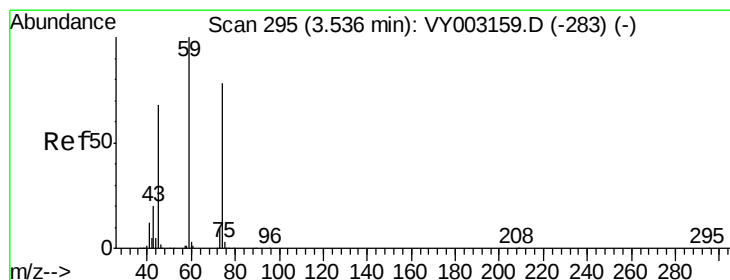
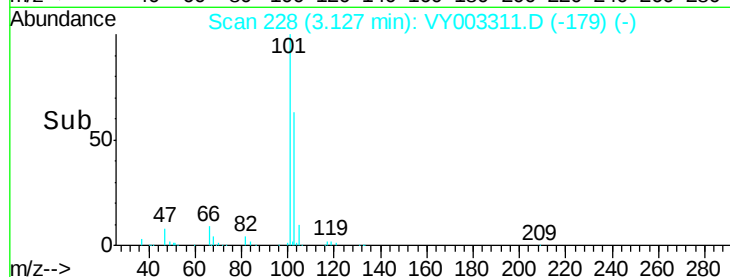
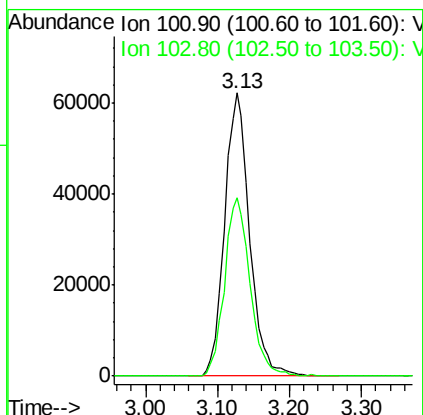
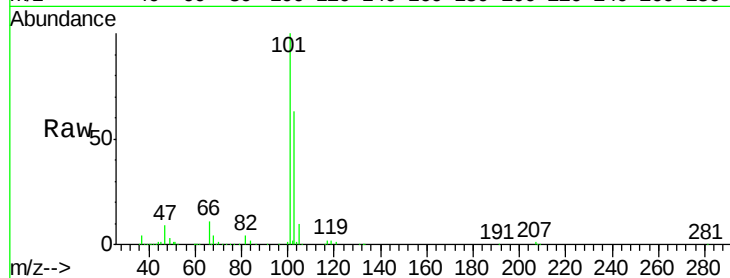


#7

Trichlorofluoromethane
 Concen: 24.383 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.00 min
 Lab File: VY003311.D
 Acq: 23 Jul 2020 12:56

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0723SBS01

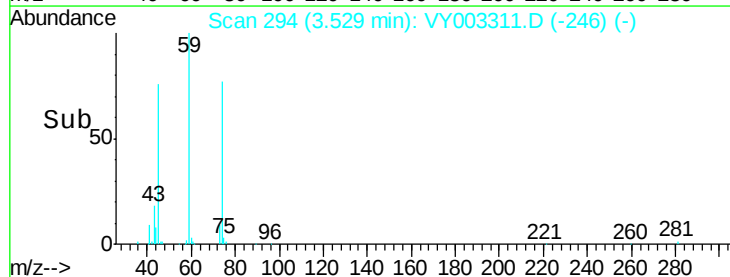
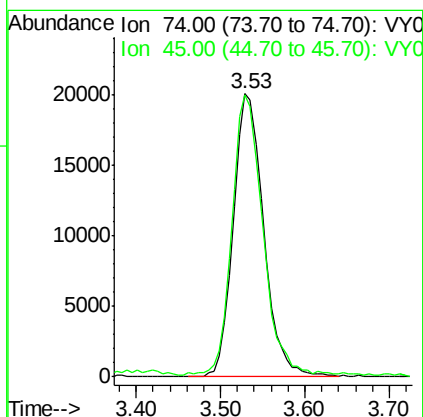
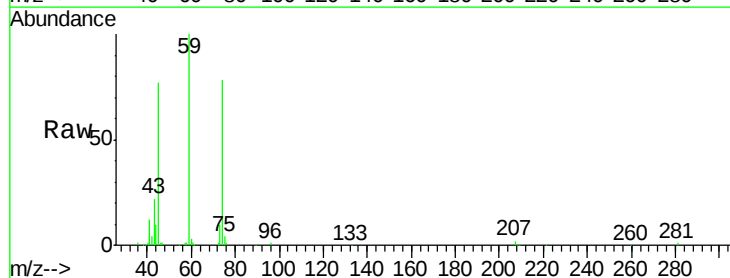
Tot Ion:101 Resp: 150173
 Ion Ratio Lower Upper
 101 100
 103 62.9 51.3 76.9

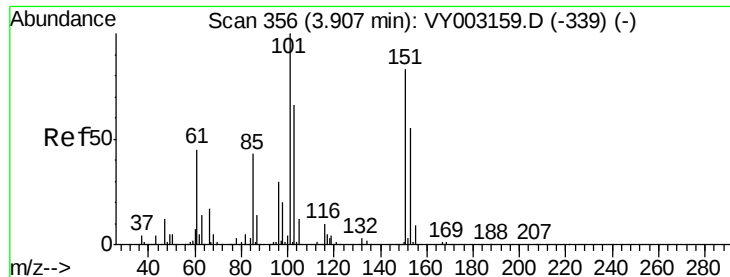


#8

Diethyl Ether
 Concen: 23.617 ug/l
 RT: 3.53 min Scan# 294
 Delta R.T. -0.01 min
 Lab File: VY003311.D
 Acq: 23 Jul 2020 12:56

Tgt Ion: 74 Resp: 48742
 Ion Ratio Lower Upper
 74 100
 45 100.2 45.3 135.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 23.262 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY003311.D

Acq: 23 Jul 2020 12:56

Instrument :

MSVOA_Y

ClientSampleId :

VY0723SBS01

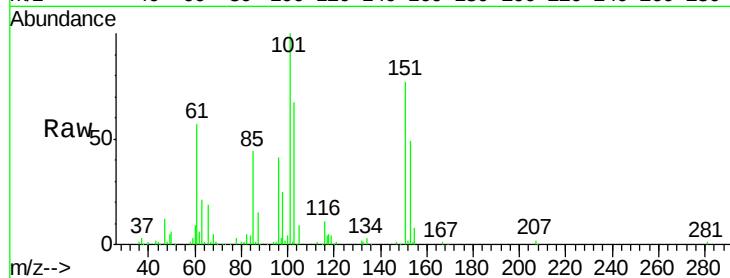
Tot Ion:101 Resp: 86527

Ion Ratio Lower Upper

101 100

85 43.4 34.9 52.3

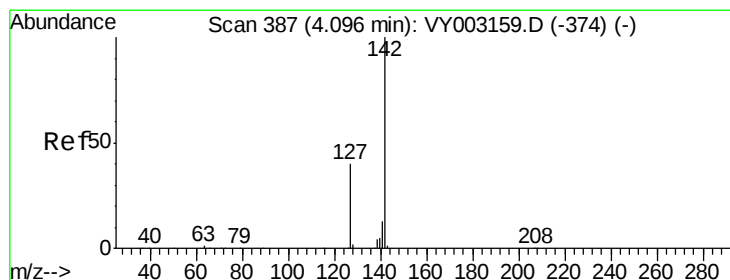
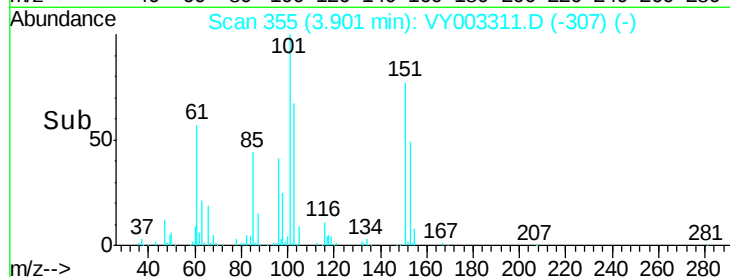
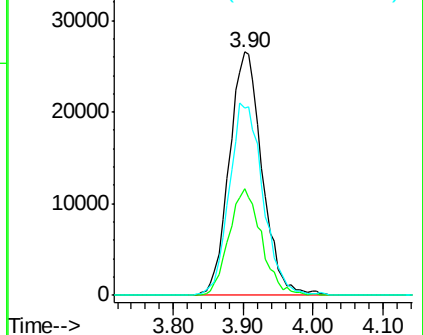
151 80.7 67.0 100.6



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: 21.285 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.00 min

Lab File: VY003311.D

Acq: 23 Jul 2020 12:56

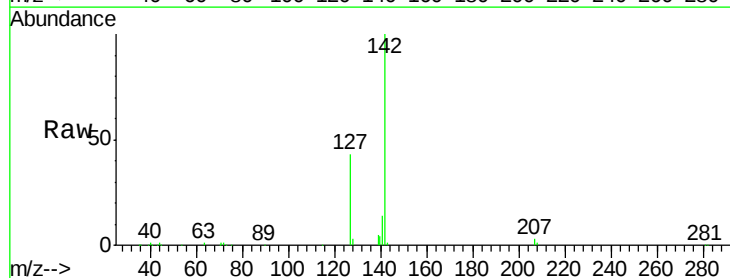
Tgt Ion:142 Resp: 86017

Ion Ratio Lower Upper

142 100

127 44.3 33.5 50.3

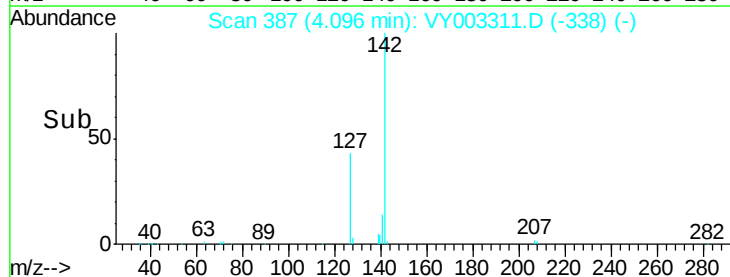
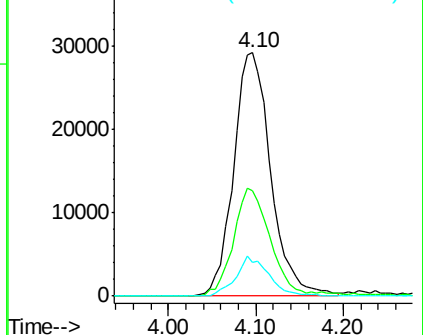
141 14.5 11.2 16.8

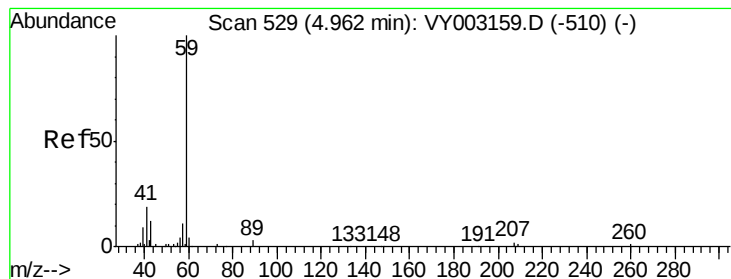


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



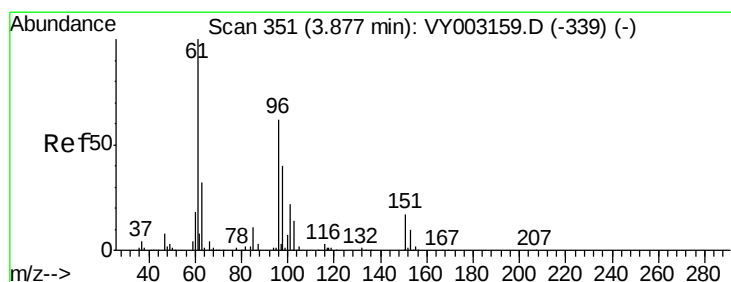
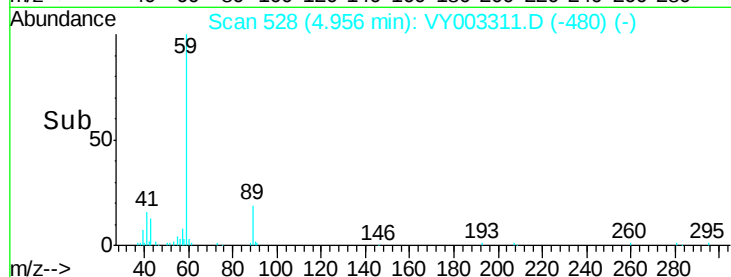
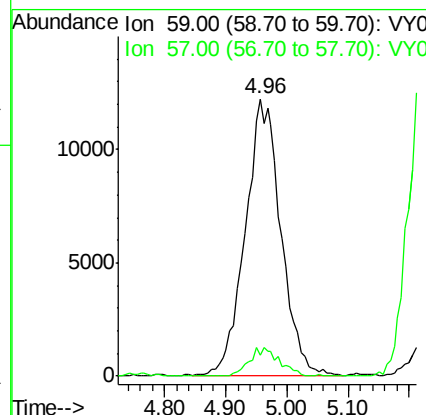
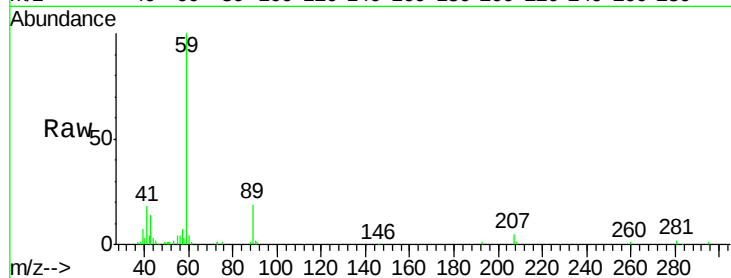


#11

Tert butyl alcohol
 Concen: 128.856 ug/l
 RT: 4.96 min Scan# 528
 Delta R.T. -0.01 min
 Lab File: VY003311.D
 Acq: 23 Jul 2020 12:56

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0723SBS01

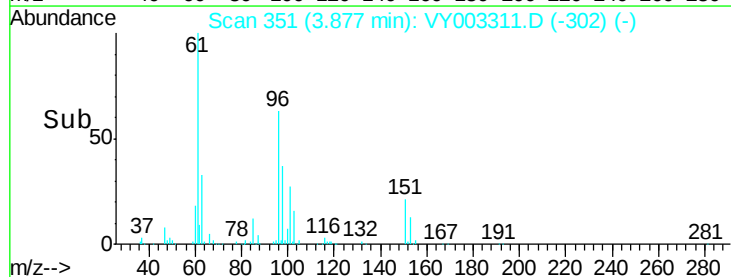
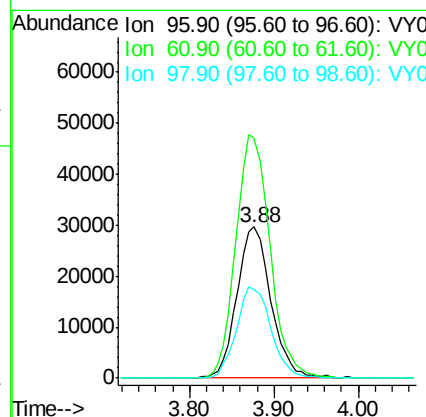
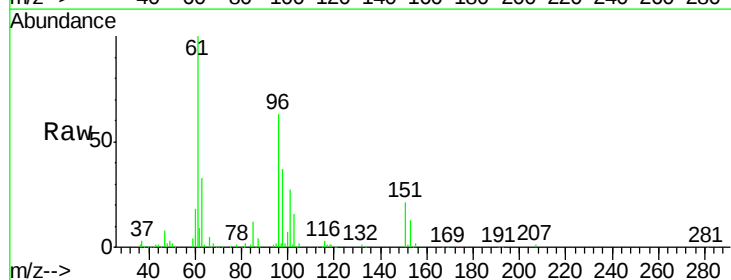
Tot Ion: 59 Resp: 49723
 Ion Ratio Lower Upper
 59 100
 57 8.5 8.4 12.6

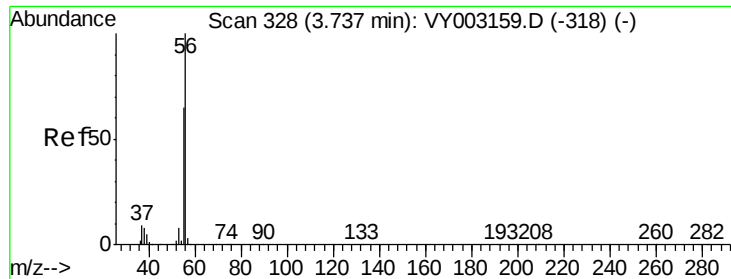


#12

1,1-Dichloroethene
 Concen: 23.038 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VY003311.D
 Acq: 23 Jul 2020 12:56

Tgt Ion: 96 Resp: 81056
 Ion Ratio Lower Upper
 96 100
 61 158.8 128.6 193.0
 98 59.0 51.6 77.4





#13

Acrolein

Concen: 80.652 ug/l

RT: 3.73 min Scan# 327

Delta R.T. -0.01 min

Lab File: VY003311.D

Acq: 23 Jul 2020 12:56

Instrument :

MSVOA_Y

ClientSampleId :

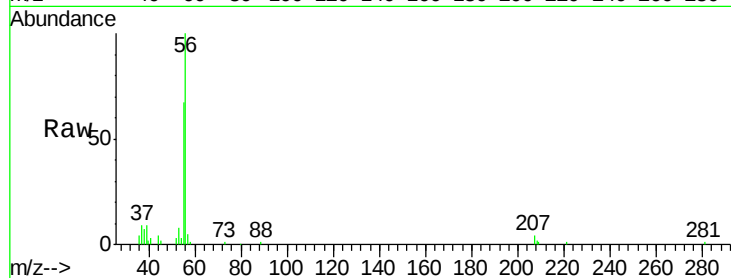
VY0723SBS01

Tot Ion: 56 Resp: 27013

Ion Ratio Lower Upper

56 100

55 74.2 56.0 84.0

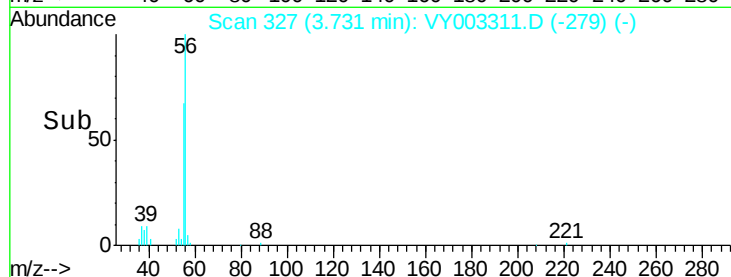


Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

3.73

Time-->



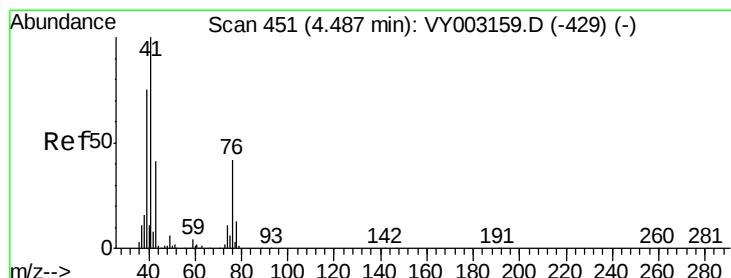
Abundance

Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

3.73

Time-->



#14

Allyl chloride

Concen: 25.596 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY003311.D

Acq: 23 Jul 2020 12:56

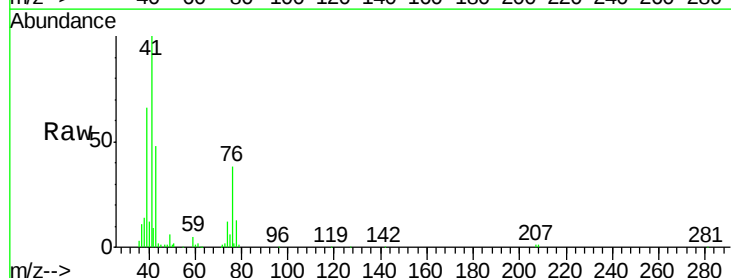
Tgt Ion: 41 Resp: 133625

Ion Ratio Lower Upper

41 100

39 66.1 56.6 85.0

76 36.5 31.6 47.4



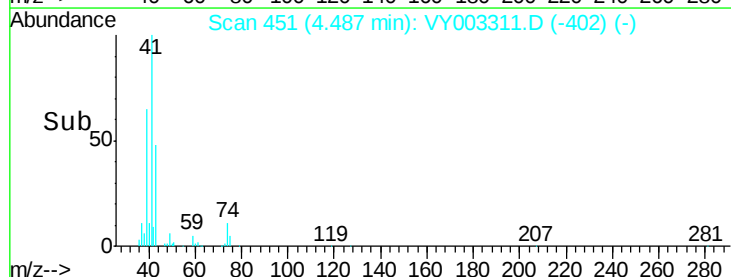
Abundance Ion 41.00 (40.70 to 41.70): VY0

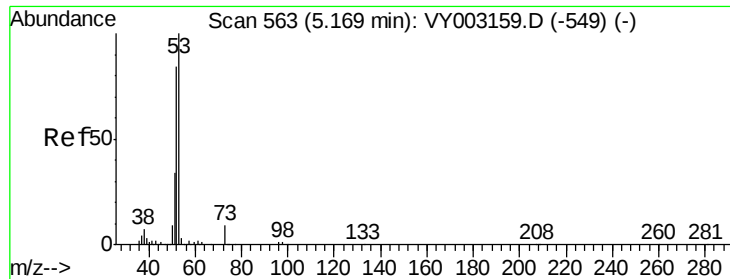
Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0

4.49

Time-->

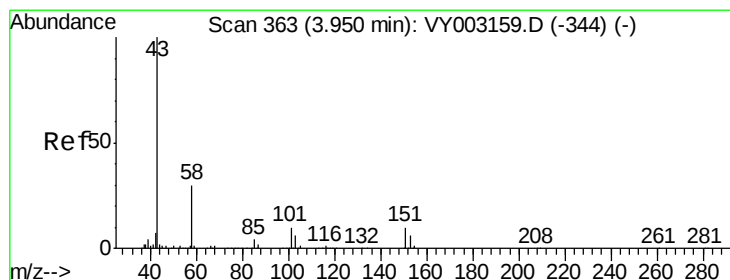
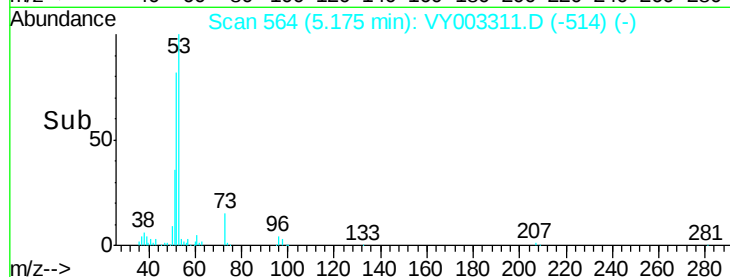
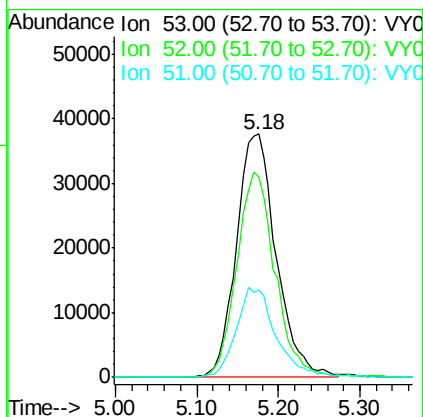
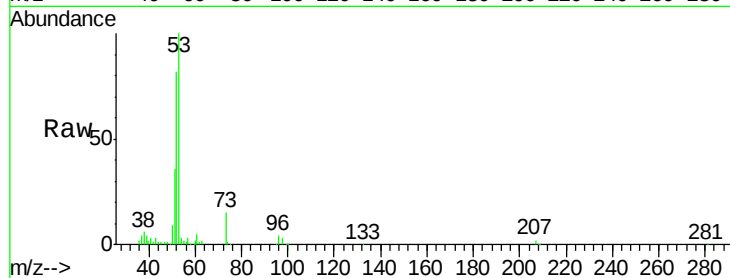




#15
 Acrylonitrile
 Concen: 128.658 ug/l
 RT: 5.18 min Scan# 564
 Delta R.T. 0.01 min
 Lab File: VY003311.D
 Acq: 23 Jul 2020 12:56

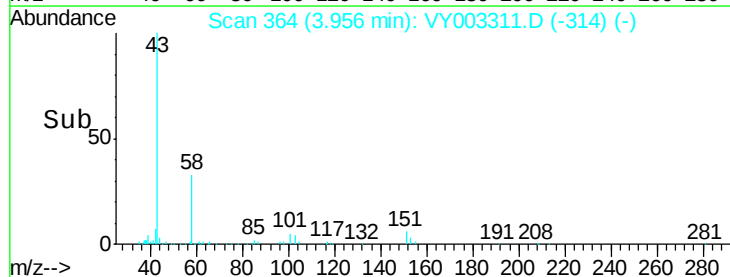
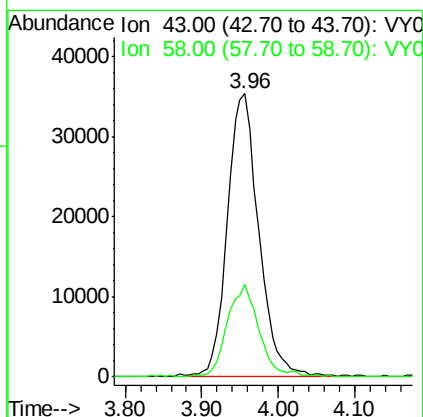
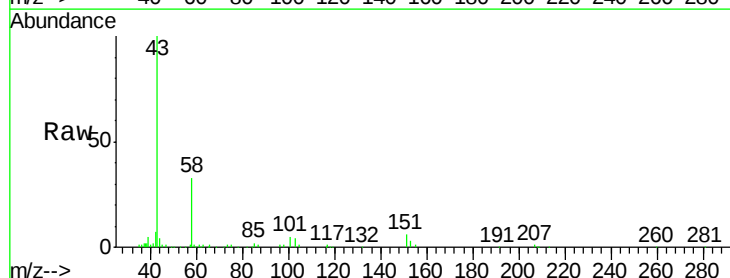
Instrument :
 MSVOA_Y
 ClientSampleID :
 VY0723SBS01

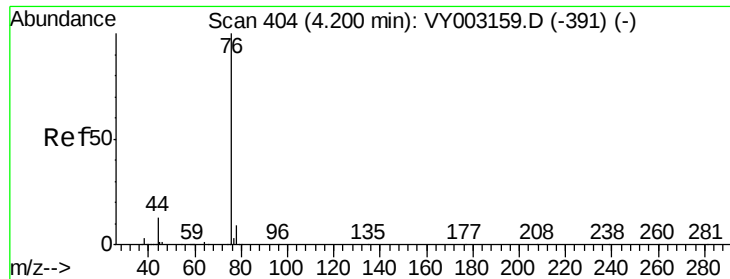
Tot Ion:	53	Resp:	127550
Ion	Ratio	Lower	Upper
53	100		
52	81.3	65.8	98.6
51	36.7	29.0	43.4



#16
 Acetone
 Concen: 124.898 ug/l
 RT: 3.96 min Scan# 364
 Delta R.T. 0.01 min
 Lab File: VY003311.D
 Acq: 23 Jul 2020 12:56

Tgt Ion:	43	Resp:	99559
Ion	Ratio	Lower	Upper
43	100		
58	32.6	23.8	35.6





#17

Carbon Disulfide

Concen: 23.261 ug/l

RT: 4.19 min Scan# 403

Delta R.T. -0.01 min

Lab File: VY003311.D

Acq: 23 Jul 2020 12:56

Instrument :

MSVOA_Y

ClientSampleId :

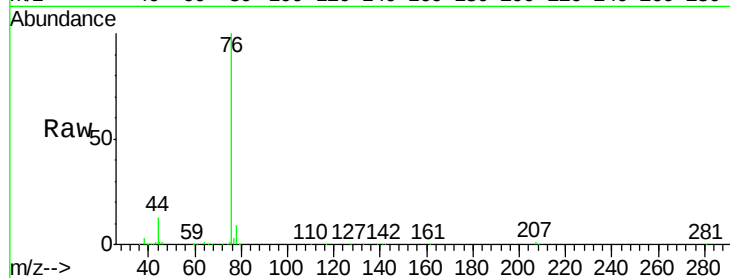
VY0723SBS01

Tot Ion: 76 Resp: 251129

Ion Ratio Lower Upper

76 100

78 8.6 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

4.19

100000

80000

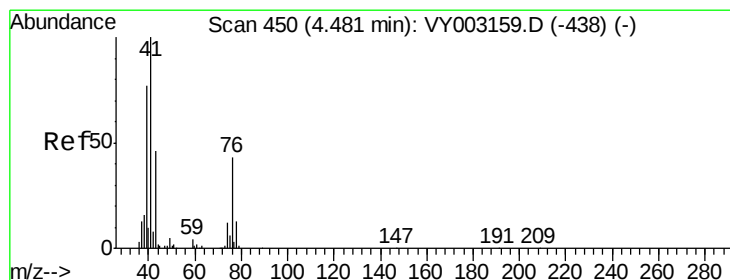
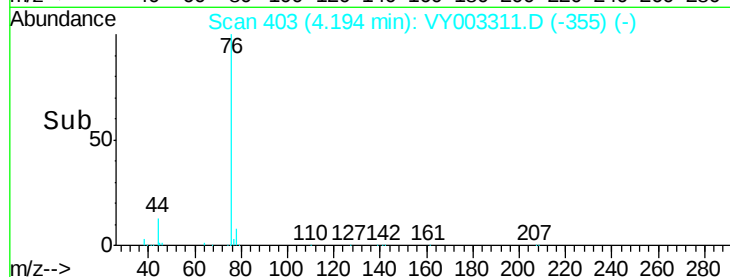
60000

40000

20000

0

Time--> 4.00 4.10 4.20 4.30 4.40



#18

Methyl Acetate

Concen: 27.089 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY003311.D

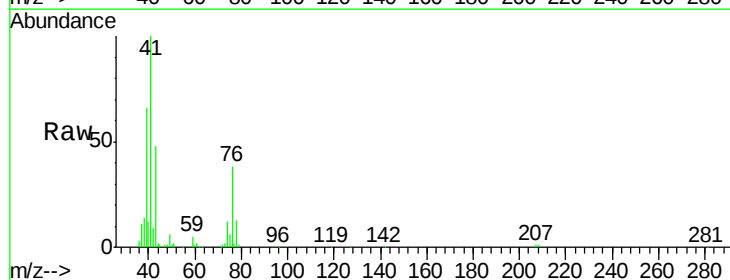
Acq: 23 Jul 2020 12:56

Tgt Ion: 43 Resp: 59967

Ion Ratio Lower Upper

43 100

74 24.0 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

4.49

20000

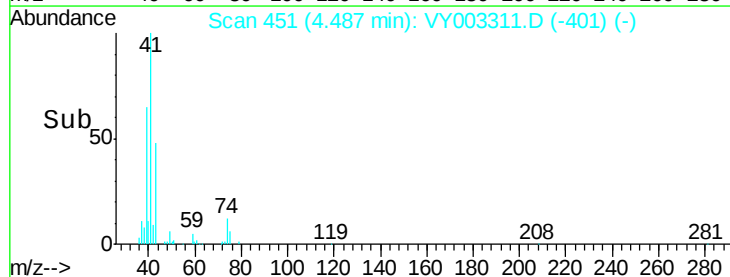
15000

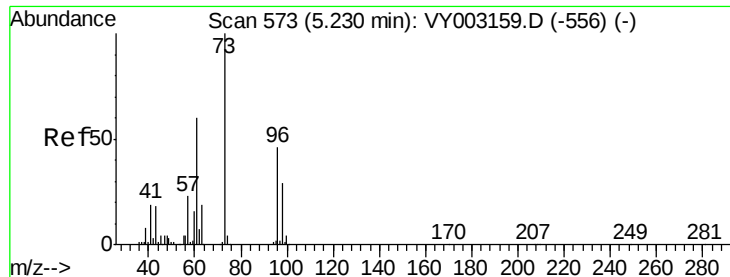
10000

5000

0

Time--> 4.30 4.40 4.50 4.60 4.70

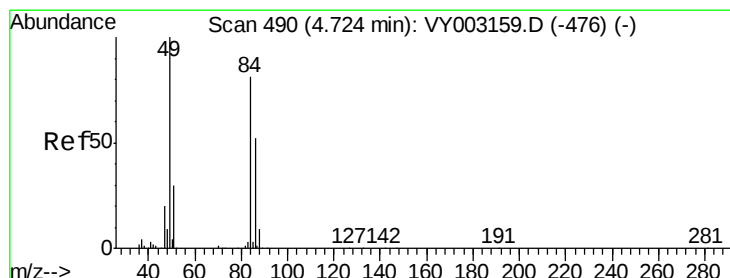
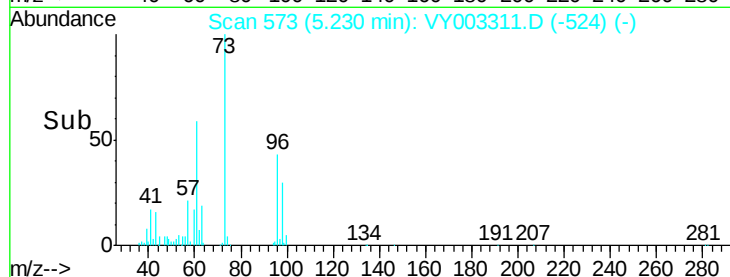
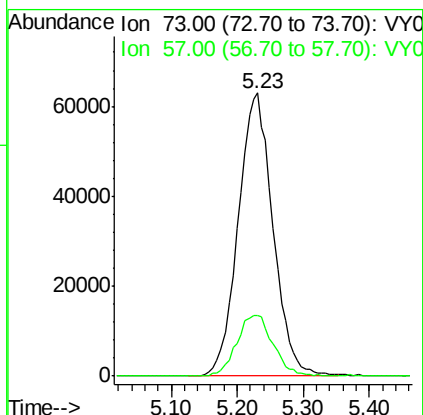
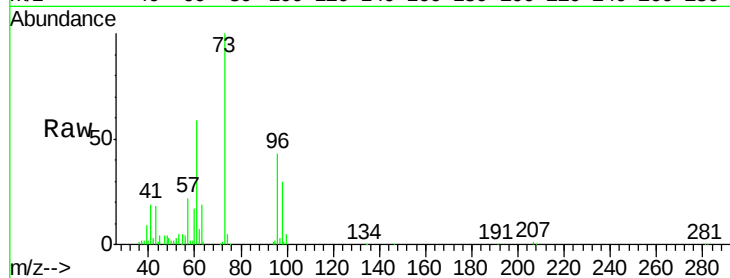




#19
Methvl tert-butvl Ether
Concen: 23.270 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.00 min
Lab File: VY003311.D
Acq: 23 Jul 2020 12:56

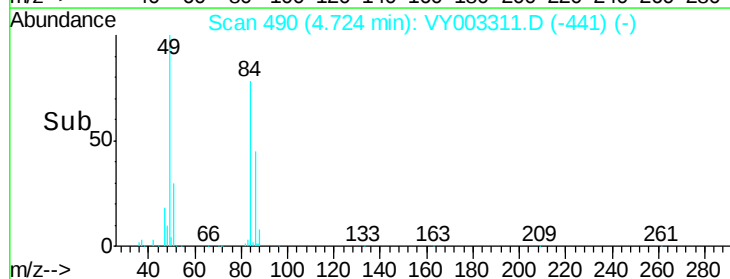
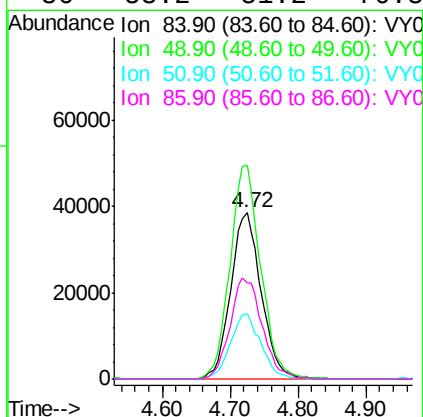
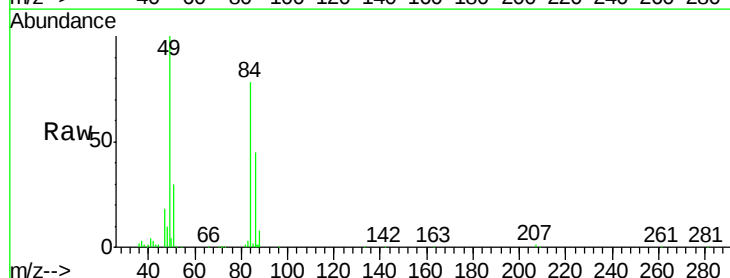
Instrument :
MSVOA_Y
ClientSampleId :
VY0723SBS01

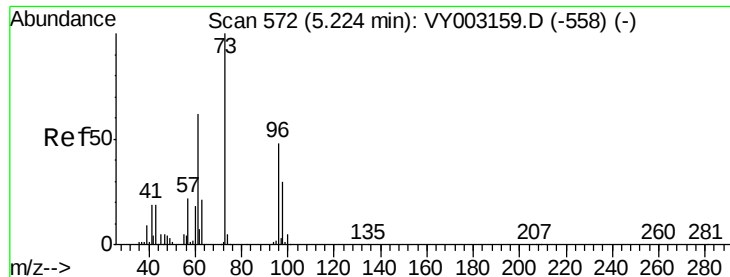
Tot Ion: 73 Resp: 229431
Ion Ratio Lower Upper
73 100
57 21.6 18.1 27.1



#20
Methylene Chloride
Concen: 27.478 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003311.D
Acq: 23 Jul 2020 12:56

Tgt Ion: 84 Resp: 120131
Ion Ratio Lower Upper
84 100
49 128.7 98.2 147.4
51 39.0 29.8 44.6
86 58.2 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 22.781 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.00 min

Lab File: VY003311.D

Acq: 23 Jul 2020 12:56

Instrument :

MSVOA_Y

ClientSampleId :

VY0723SBS01

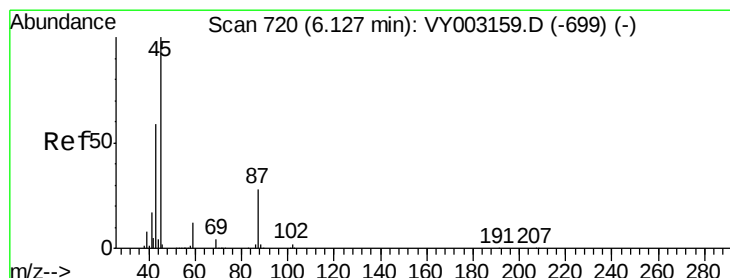
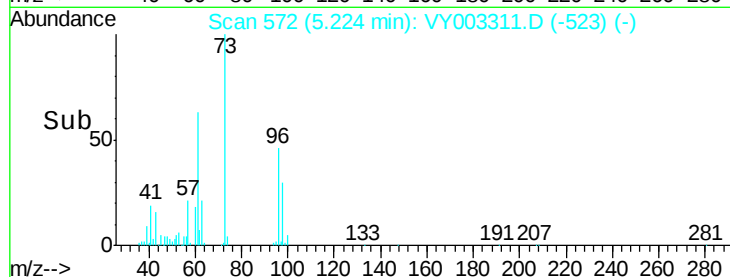
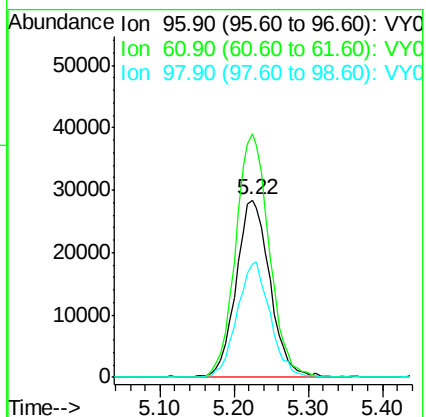
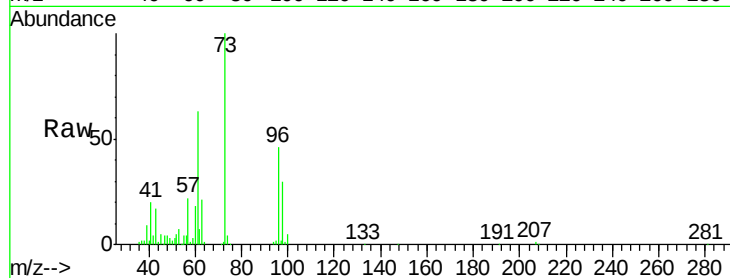
Tot Ion: 96 Resp: 90655

Ion Ratio Lower Upper

96 100

61 137.1 102.5 153.7

98 64.0 49.8 74.8



#22

Diisopropyl ether

Concen: 25.008 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.00 min

Lab File: VY003311.D

Acq: 23 Jul 2020 12:56

Tgt Ion: 45 Resp: 289751

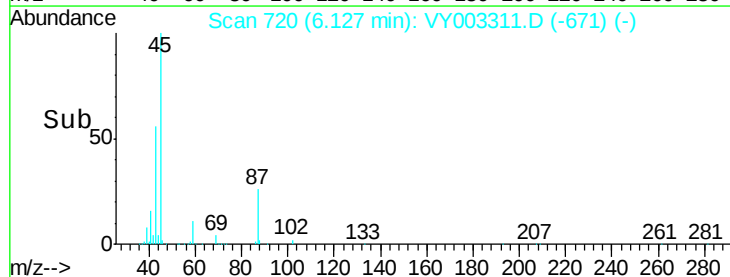
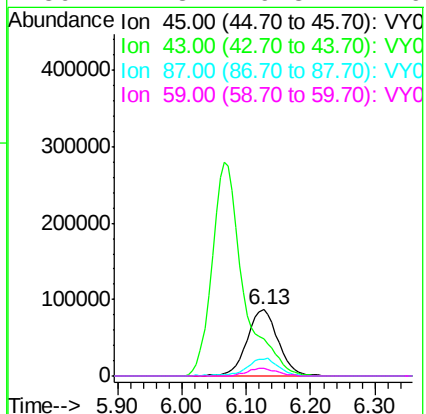
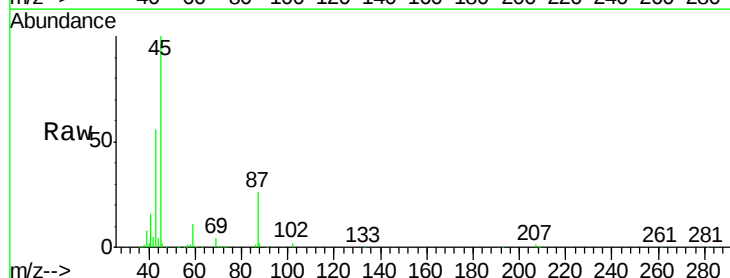
Ion Ratio Lower Upper

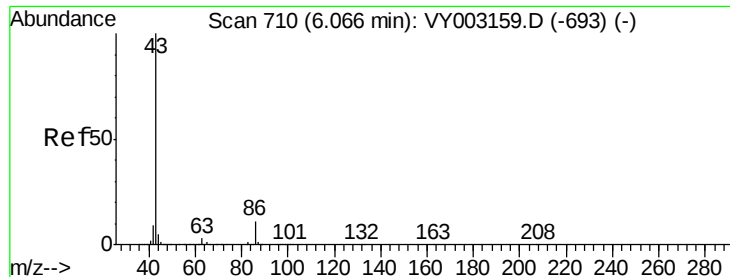
45 100

43 55.7 47.0 70.4

87 26.1 22.6 33.8

59 11.3 9.8 14.6





#23

Vinyl Acetate

Concen: 122.346 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.00 min

Lab File: VY003311.D

Acq: 23 Jul 2020 12:56

Instrument :

MSVOA_Y

ClientSampleId :

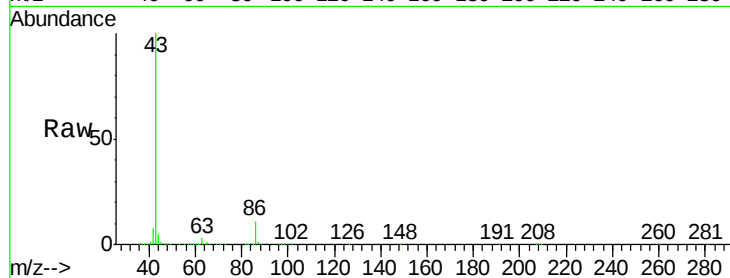
VY0723SBS01

Tot Ion: 43 Resp: 944832

Ion Ratio Lower Upper

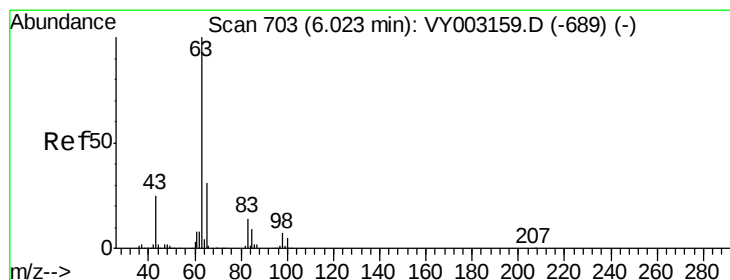
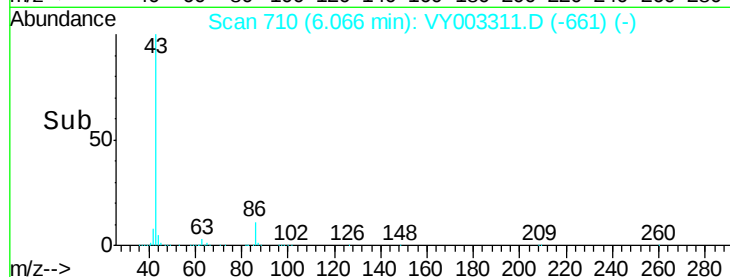
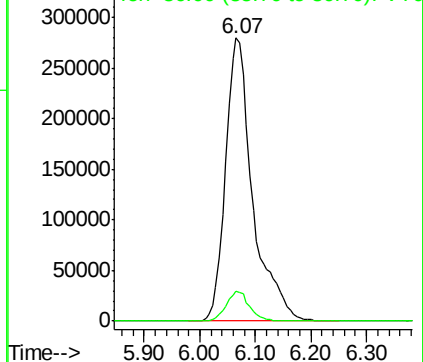
43 100

86 10.7 8.8 13.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 23.844 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.01 min

Lab File: VY003311.D

Acq: 23 Jul 2020 12:56

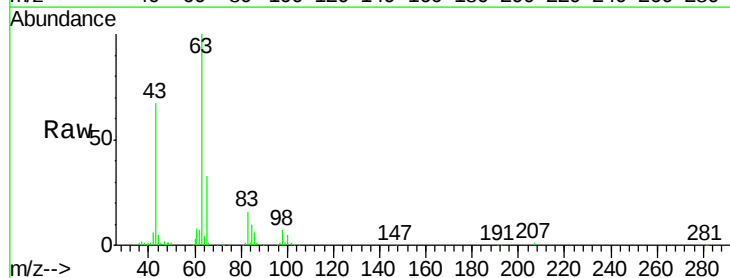
Tgt Ion: 63 Resp: 160054

Ion Ratio Lower Upper

63 100

98 7.4 3.6 10.8

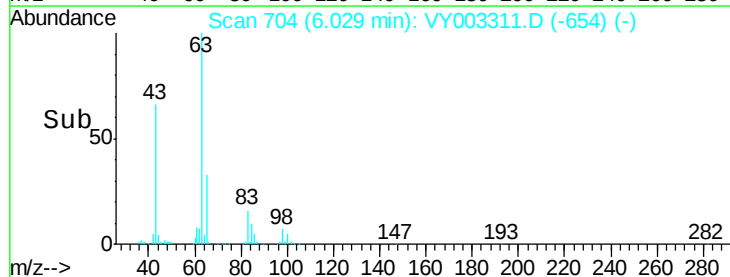
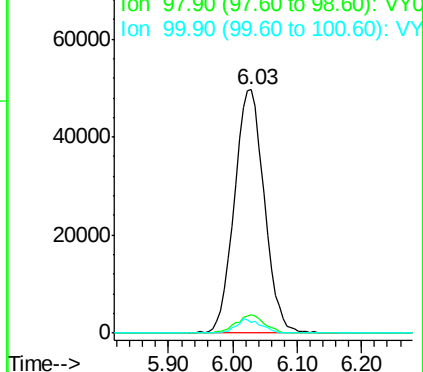
100 4.5 2.4 7.2

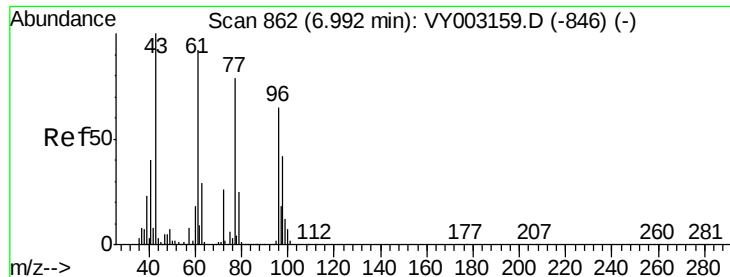


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

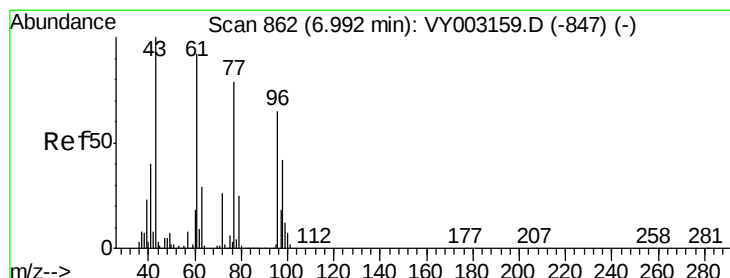
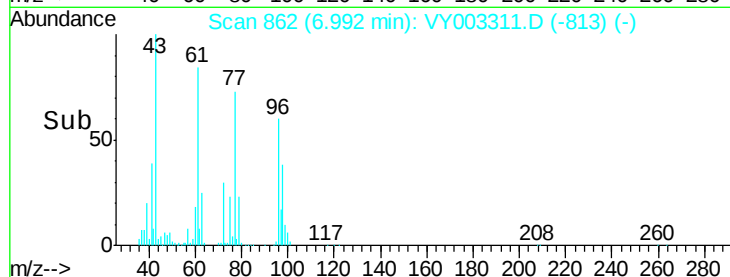
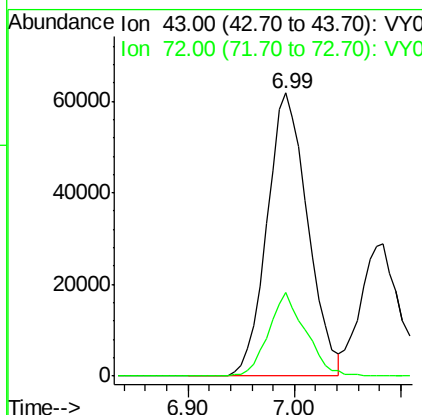
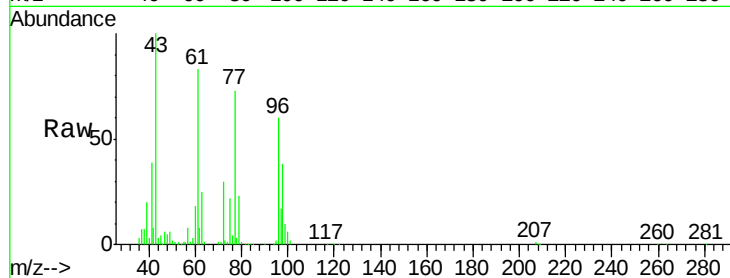




#25
2-Butanone
Concen: 125.105 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY003311.D
Acq: 23 Jul 2020 12:56

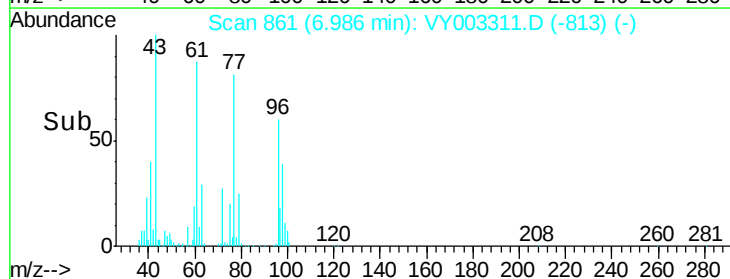
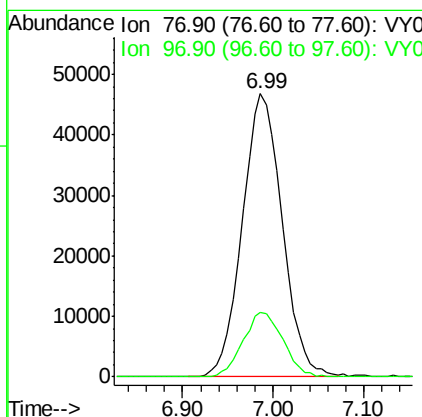
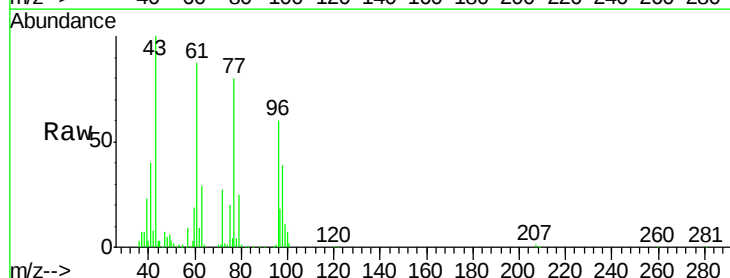
Instrument :
MSVOA_Y
ClientSampleId :
VY0723SBS01

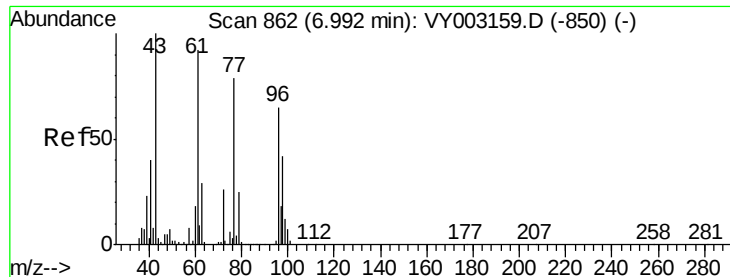
Tot Ion: 43 Resp: 163737
Ion Ratio Lower Upper
43 100
72 29.7 20.9 31.3



#26
2,2-Dichloropropane
Concen: 23.565 ug/l
RT: 6.99 min Scan# 861
Delta R.T. -0.01 min
Lab File: VY003311.D
Acq: 23 Jul 2020 12:56

Tgt Ion: 77 Resp: 142457
Ion Ratio Lower Upper
77 100
97 22.8 11.6 34.7



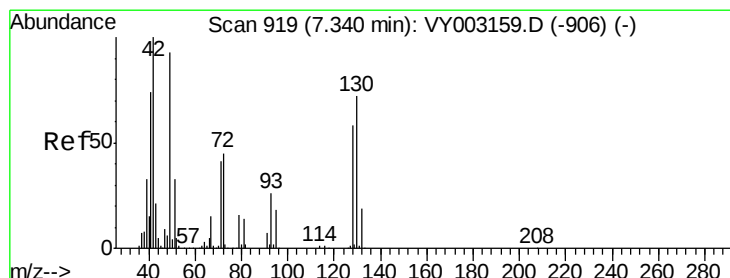
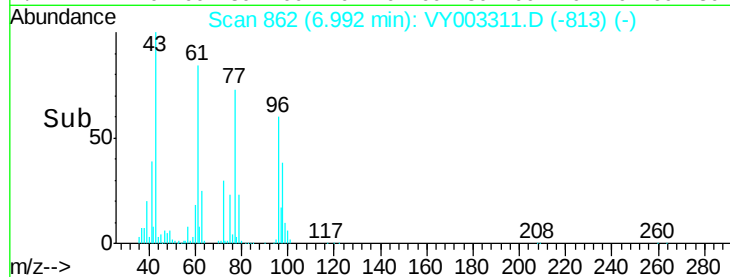
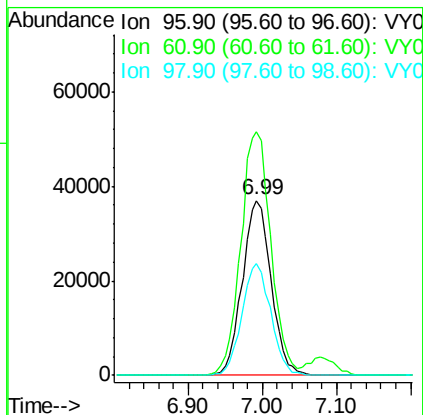
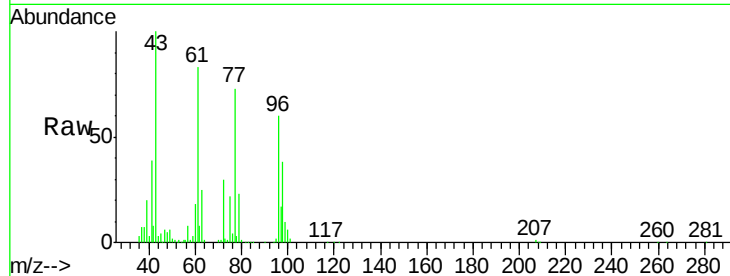


#27

cis-1,2-Dichloroethene
 Concen: 23.022 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.00 min
 Lab File: VY003311.D
 Acq: 23 Jul 2020 12:56

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0723SBS01

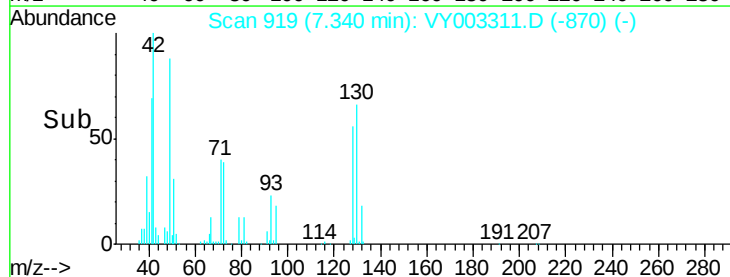
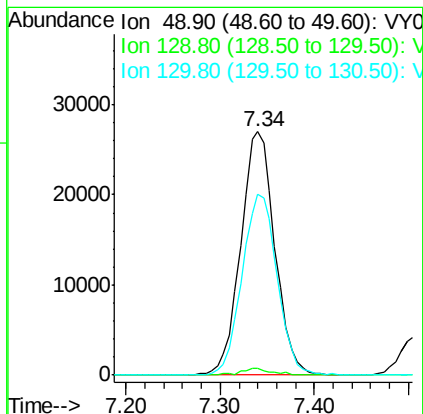
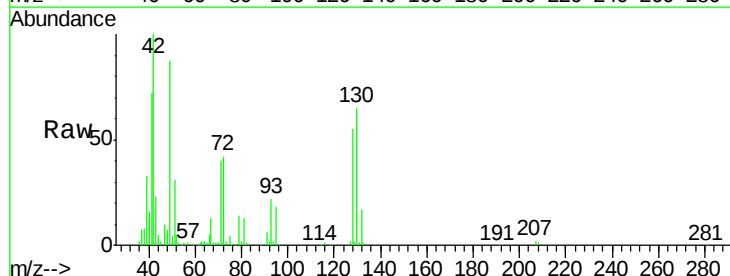
Tot Ion	Ratio	Lower	Upper
96	100		
61	145.1	0.0	281.2
98	63.7	0.0	129.8

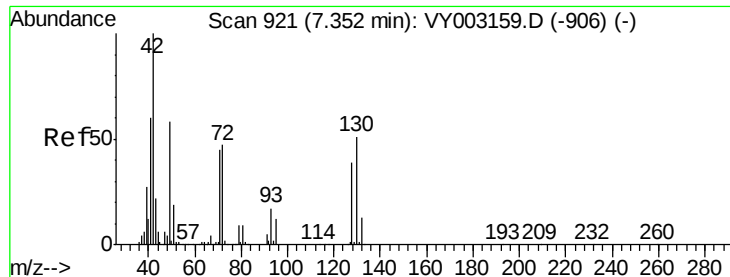


#28

Bromochloromethane
 Concen: 23.513 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: VY003311.D
 Acq: 23 Jul 2020 12:56

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	5.0
130	76.7	64.9	97.3





#29

Tetrahydrofuran

Concen: 126.147 ug/l

RT: 7.35 min Scan# 921

Delta R.T. -0.00 min

Lab File: VY003311.D

Acq: 23 Jul 2020 12:56

Instrument :

MSVOA_Y

ClientSampleId :

VY0723SBS01

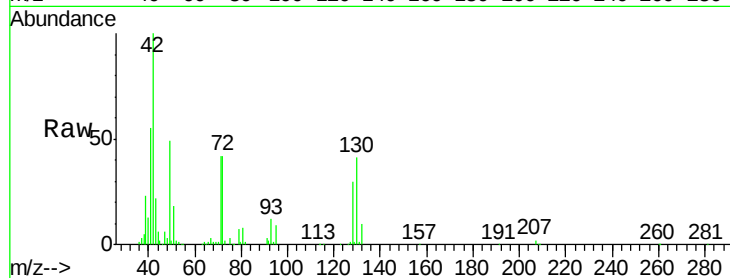
Tot Ion: 42 Resp: 110912

Ion Ratio Lower Upper

42 100

72 43.1 36.7 55.1

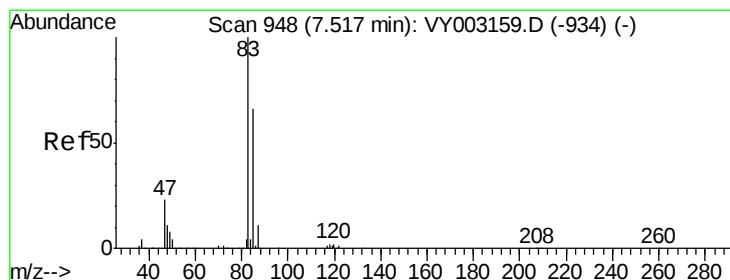
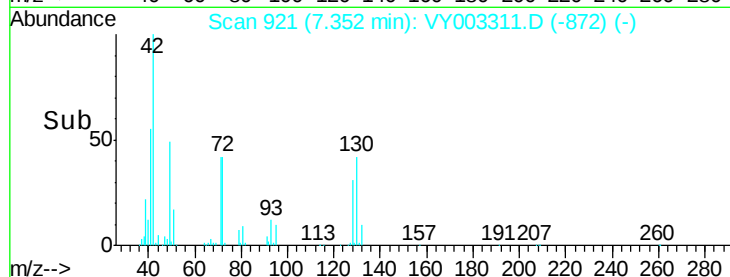
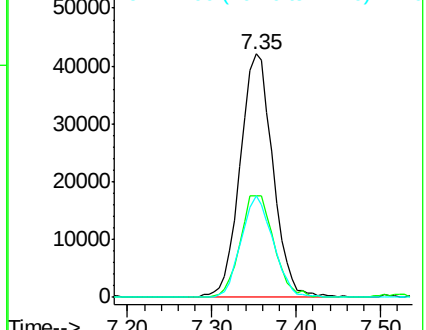
71 40.6 34.2 51.4



Abundance Ion 42.00 (41.70 to 42.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

Ion 71.00 (70.70 to 71.70): VY0



#30

Chloroform

Concen: 23.285 ug/l

RT: 7.52 min Scan# 948

Delta R.T. -0.00 min

Lab File: VY003311.D

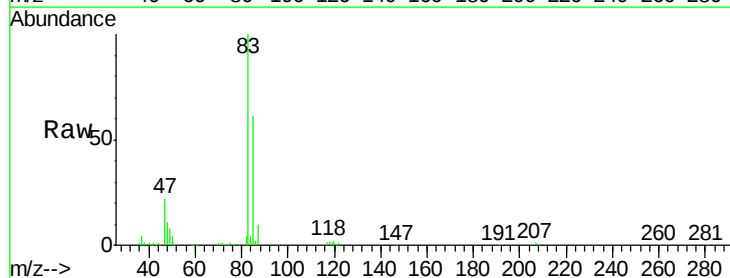
Acq: 23 Jul 2020 12:56

Tgt Ion: 83 Resp: 160979

Ion Ratio Lower Upper

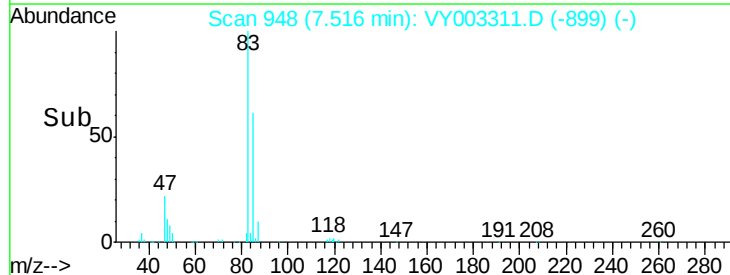
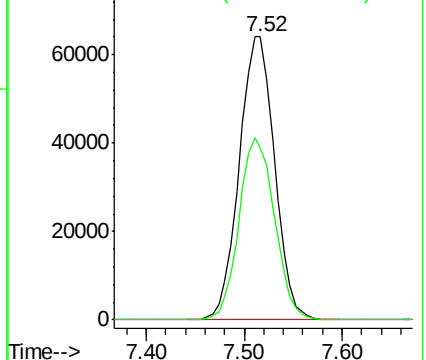
83 100

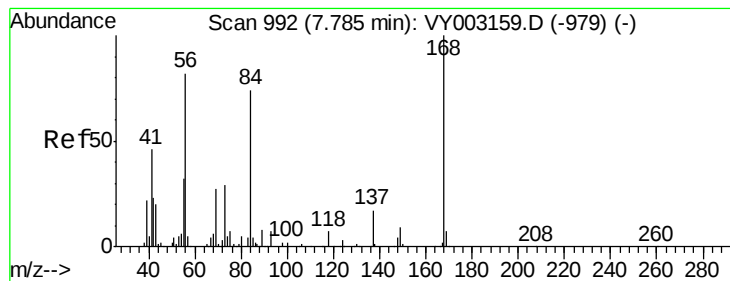
85 60.6 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 23.500 ug/l

RT: 7.78 min Scan# 992

Delta R.T. -0.00 min

Lab File: VY003311.D

Acq: 23 Jul 2020 12:56

Instrument :

MSVOA_Y

ClientSampleId :

VY0723SBS01

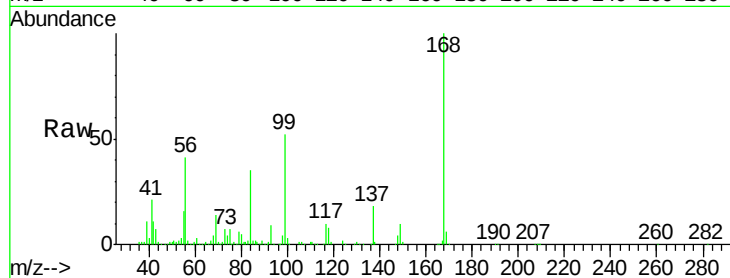
Tot Ion: 56 Resp: 152534

Ion Ratio Lower Upper

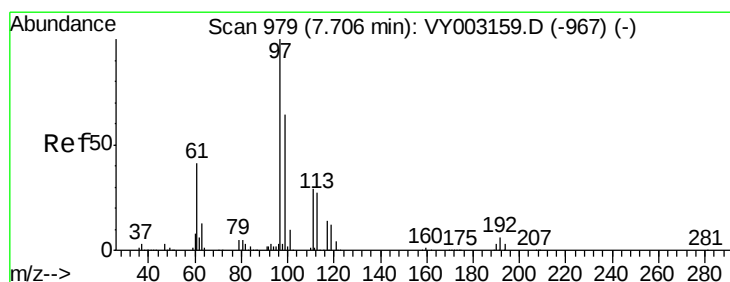
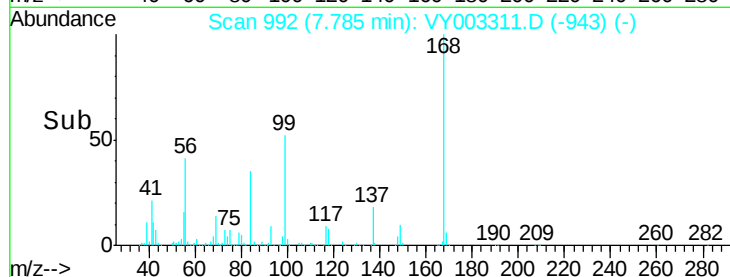
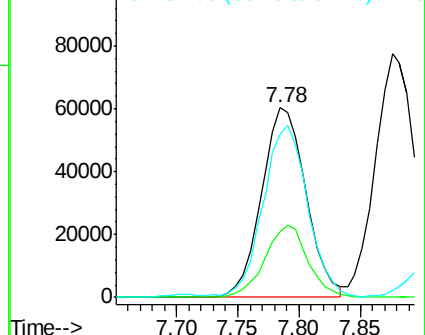
56 100

69 34.4 26.7 40.1

84 84.3 72.3 108.5



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: 23.163 ug/l

RT: 7.71 min Scan# 979

Delta R.T. -0.00 min

Lab File: VY003311.D

Acq: 23 Jul 2020 12:56

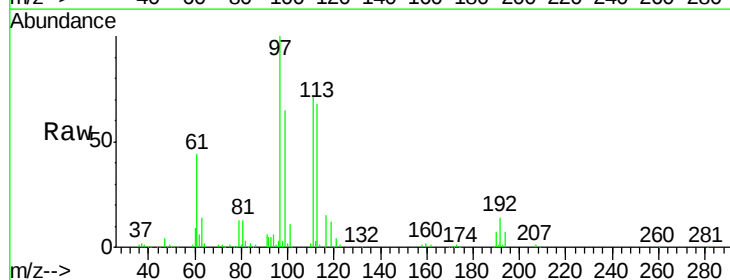
Tgt Ion: 97 Resp: 144167

Ion Ratio Lower Upper

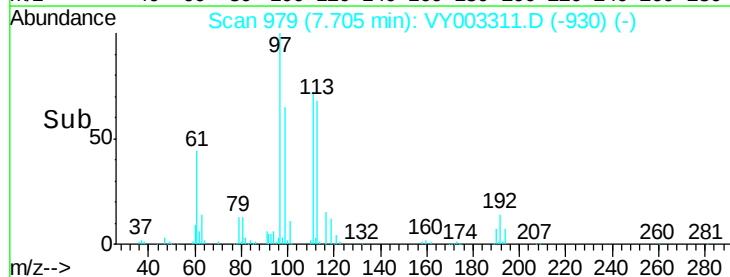
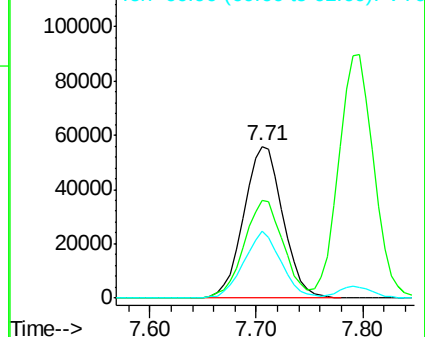
97 100

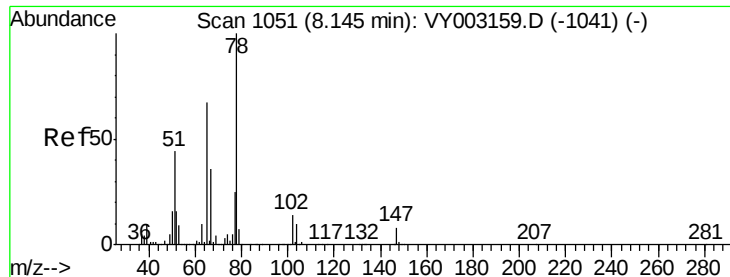
99 64.6 52.1 78.1

61 42.0 33.9 50.9



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

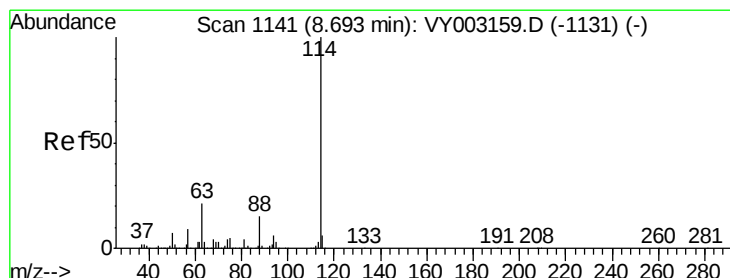
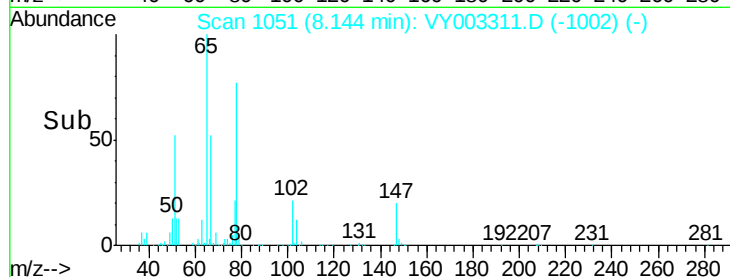
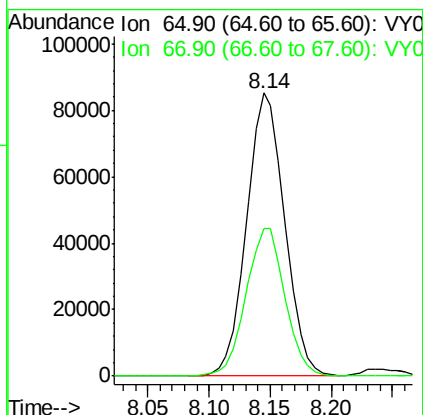
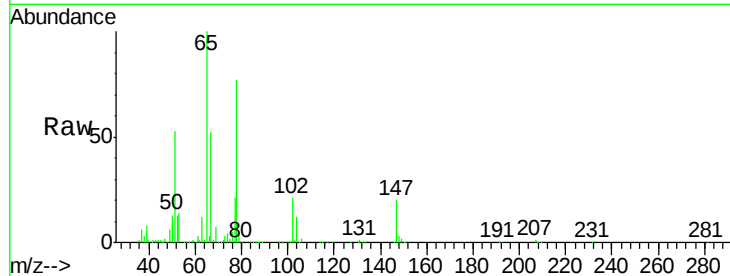




#33
 1,2-Dichloroethane-d4
 Concen: 51.663 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VY003311.D
 Acq: 23 Jul 2020 12:56

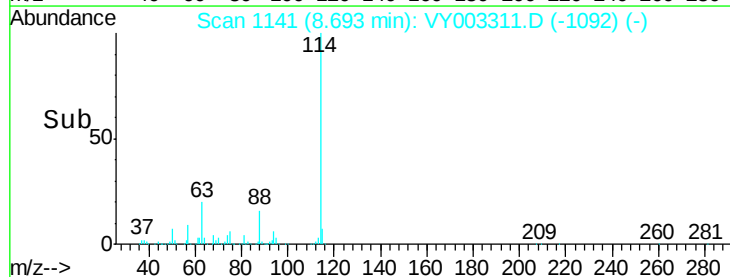
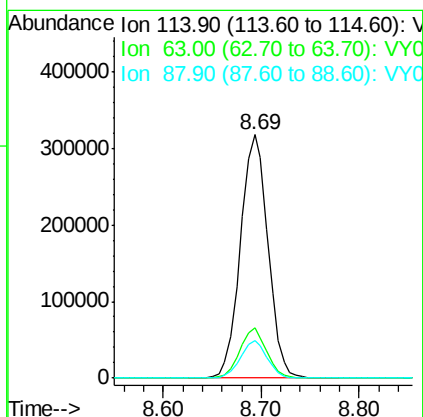
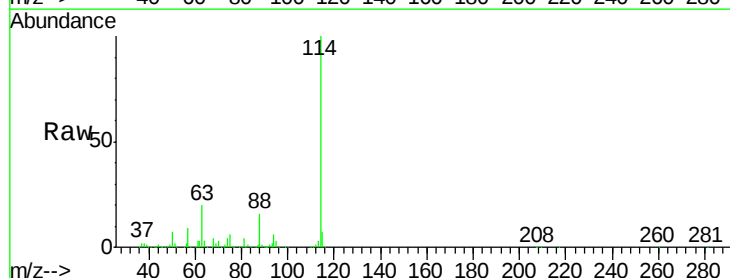
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0723SBS01

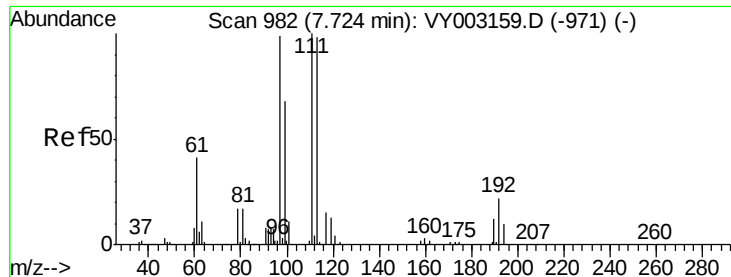
Tot Ion: 65 Resp: 184365
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003311.D
 Acq: 23 Jul 2020 12:56

Tgt Ion: 114 Resp: 619606
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 41.2
 88 15.5 0.0 30.2





#35

Dibromofluoromethane

Concen: 48.869 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.00 min

Lab File: VY003311.D

Acq: 23 Jul 2020 12:56

Instrument :

MSVOA_Y

ClientSampleId :

VY0723SBS01

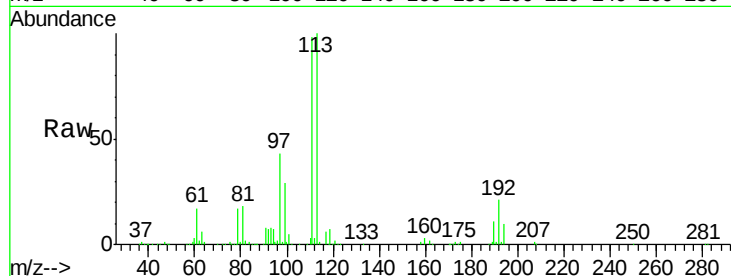
Tot Ion:113 Resp: 174253

Ion Ratio Lower Upper

113 100

111 102.6 82.1 123.1

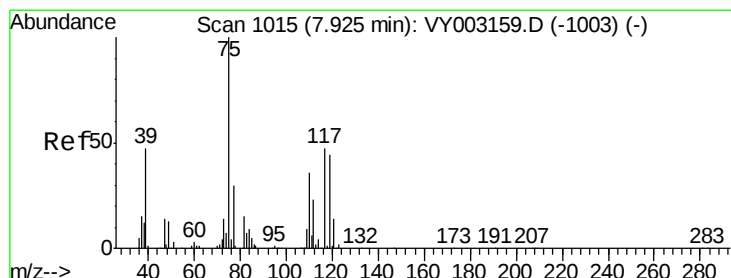
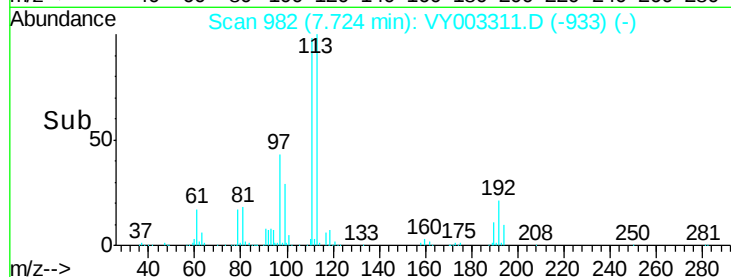
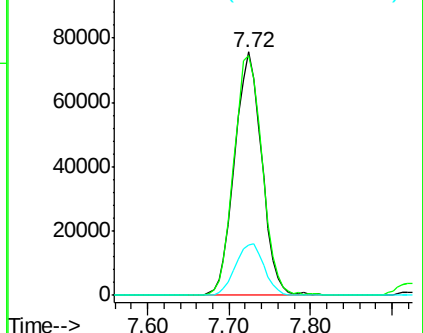
192 22.4 18.8 28.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 22.468 ug/l

RT: 7.92 min Scan# 1014

Delta R.T. -0.01 min

Lab File: VY003311.D

Acq: 23 Jul 2020 12:56

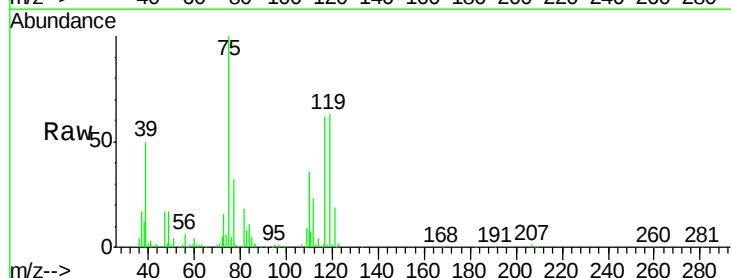
Tgt Ion: 75 Resp: 126172

Ion Ratio Lower Upper

75 100

110 36.5 18.1 54.1

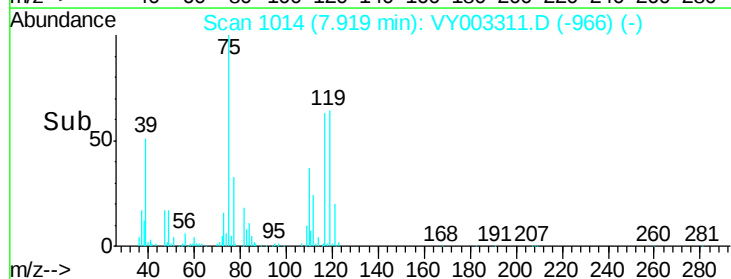
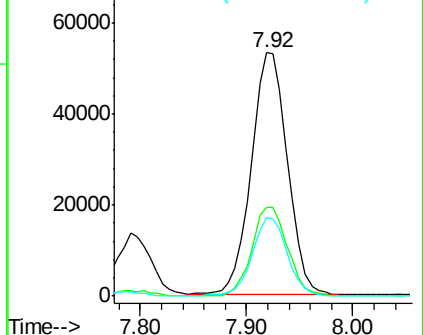
77 31.6 24.8 37.2

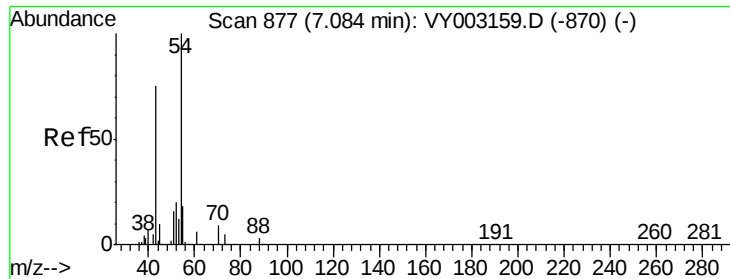


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

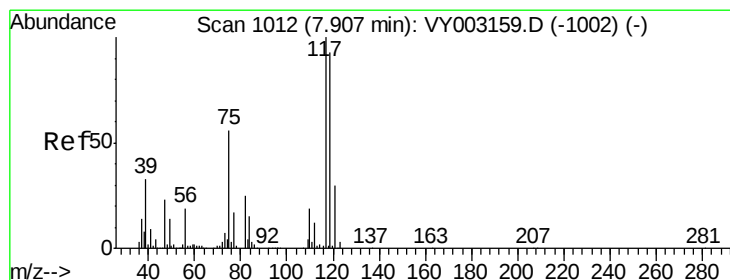
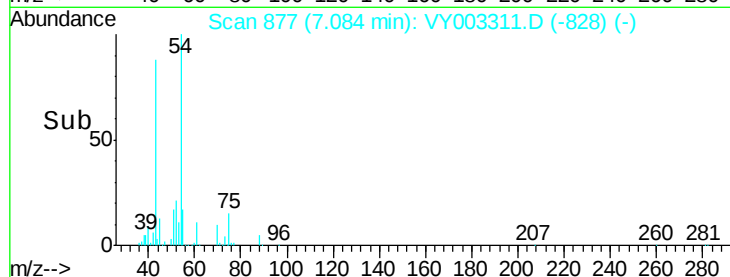
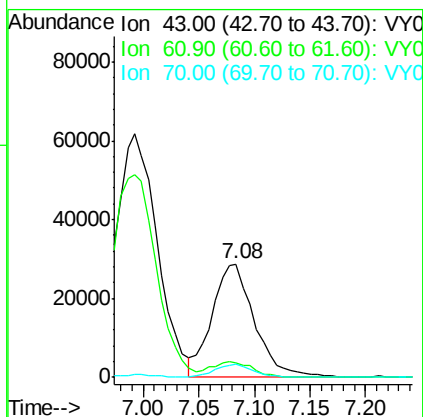
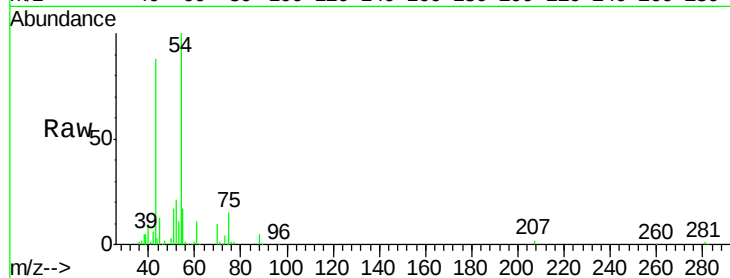




#37
Ethyl Acetate
Concen: 24.906 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.00 min
Lab File: VY003311.D
Acq: 23 Jul 2020 12:56

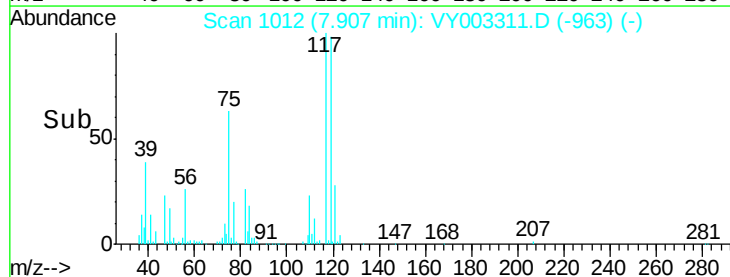
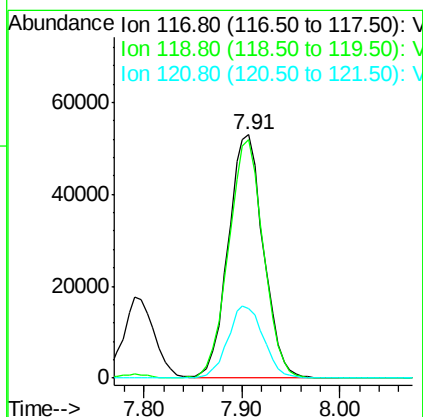
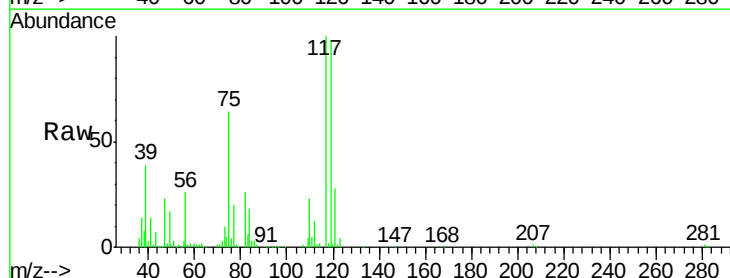
Instrument :
MSVOA_Y
ClientSampleId :
VY0723SBS01

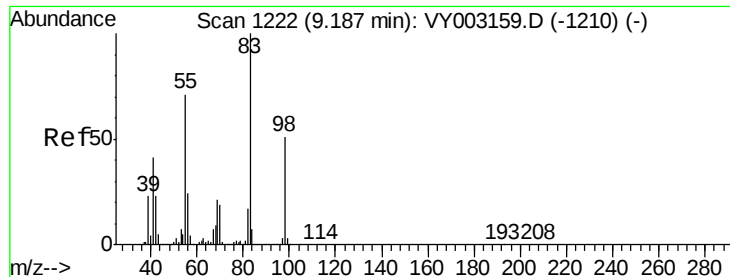
Tot Ion: 43 Resp: 75320
Ion Ratio Lower Upper
43 100
61 13.5 11.8 17.6
70 10.3 8.6 13.0



#38
Carbon Tetrachloride
Concen: 22.734 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VY003311.D
Acq: 23 Jul 2020 12:56

Tgt Ion: 117 Resp: 131795
Ion Ratio Lower Upper
117 100
119 98.2 74.5 111.7
121 28.3 24.2 36.2

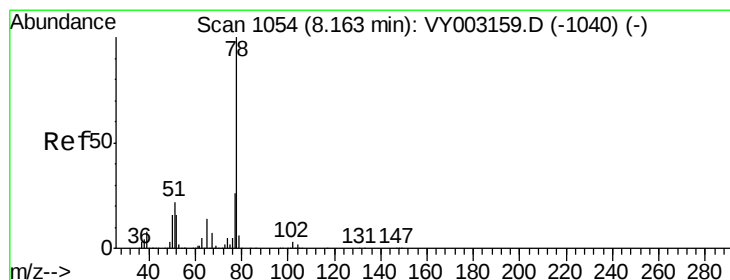
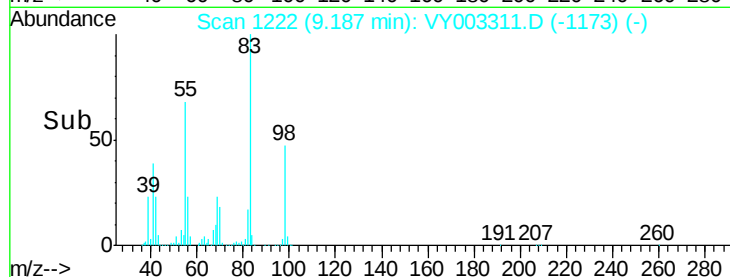
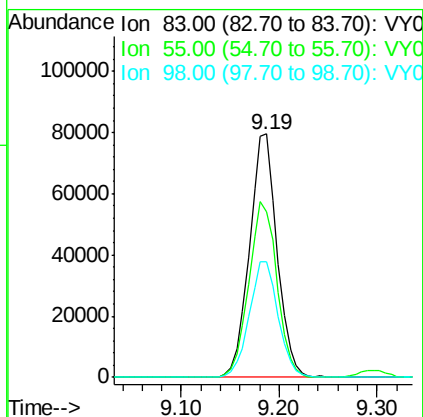
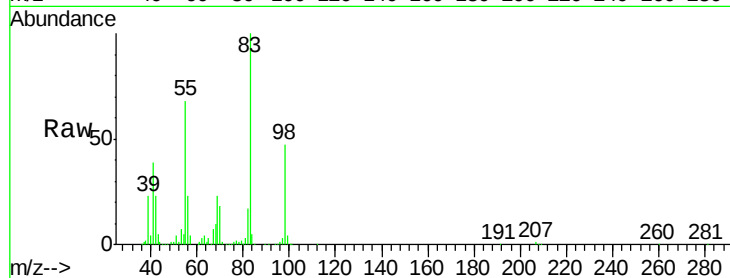




#39
Methvlcvclohexane
Concen: 22.038 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY003311.D
Acq: 23 Jul 2020 12:56

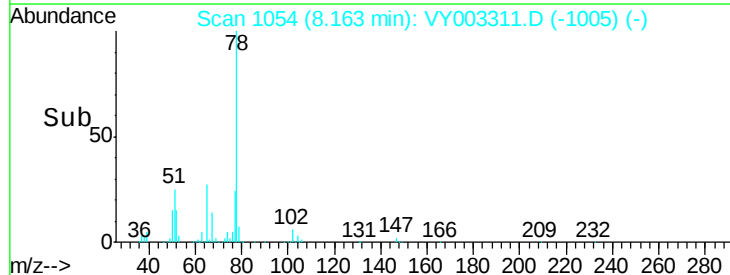
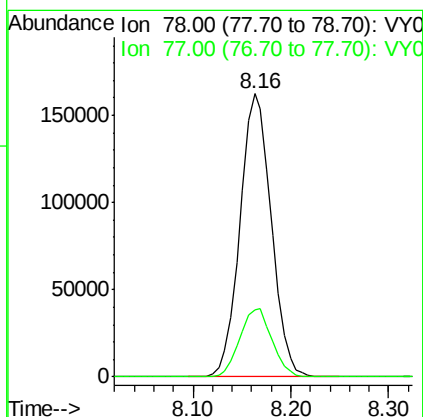
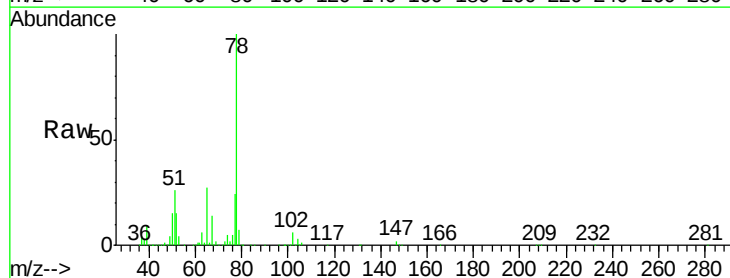
Instrument :
MSVOA_Y
ClientSampleId :
VY0723SBS01

Tot Ion: 83 Resp: 155466
Ion Ratio Lower Upper
83 100
55 68.0 57.2 85.8
98 47.4 41.0 61.6



#40
Benzene
Concen: 23.225 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VY003311.D
Acq: 23 Jul 2020 12:56

Tgt Ion: 78 Resp: 359122
Ion Ratio Lower Upper
78 100
77 23.9 20.7 31.1

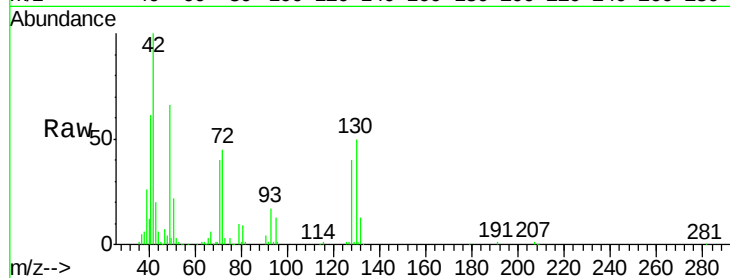




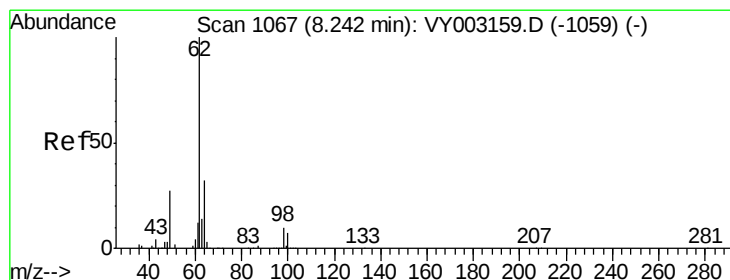
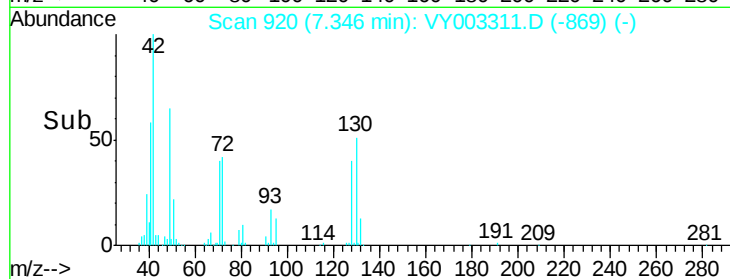
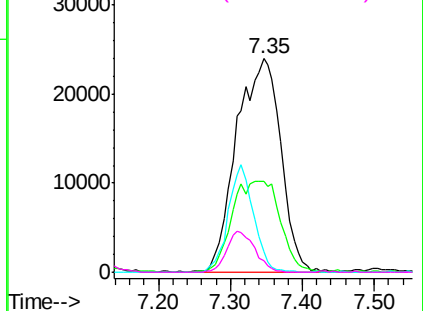
#41
Methacrylonitrile
Concen: 56.271 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.01 min
Lab File: VY003311.D
Acq: 23 Jul 2020 12:56

Instrument :
MSVOA_Y
ClientSampleId :
VY0723SBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	46.3	83.3	124.9#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

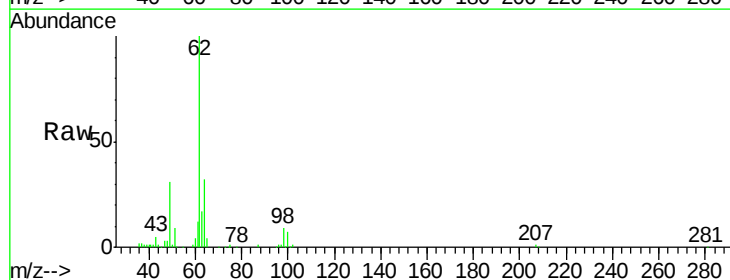


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

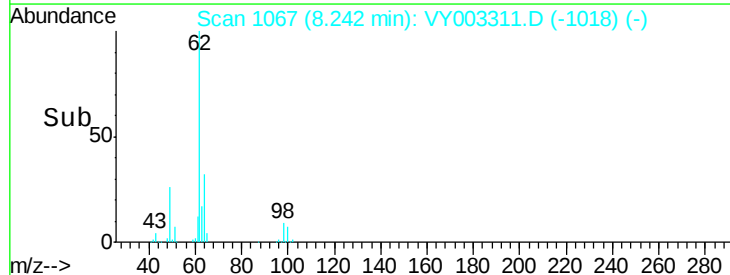
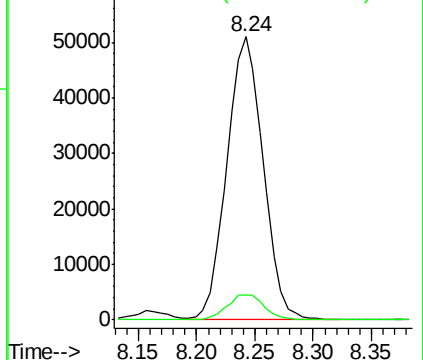


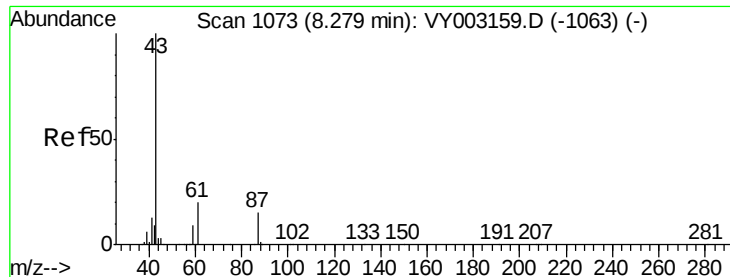
#42
1,2-Dichloroethane
Concen: 23.179 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VY003311.D
Acq: 23 Jul 2020 12:56

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	19.0



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





#43

Isopropyl Acetate

Concen: 23.577 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.00 min

Lab File: VY003311.D

Acq: 23 Jul 2020 12:56

Instrument :

MSVOA_Y

ClientSampleId :

VY0723SBS01

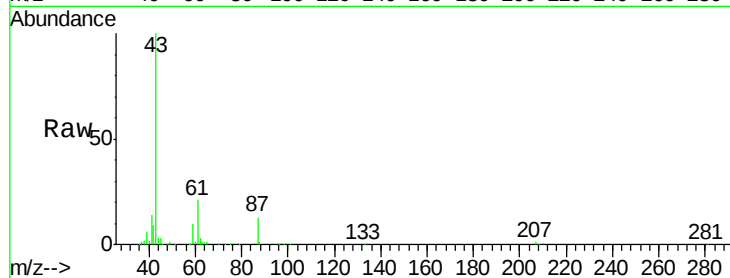
Tot Ion: 43 Resp: 138016

Ion Ratio Lower Upper

43 100

61 30.0 23.7 35.5

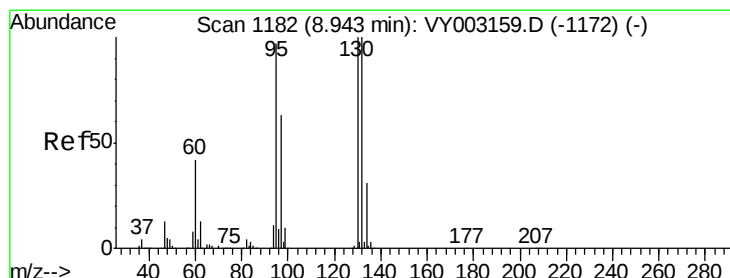
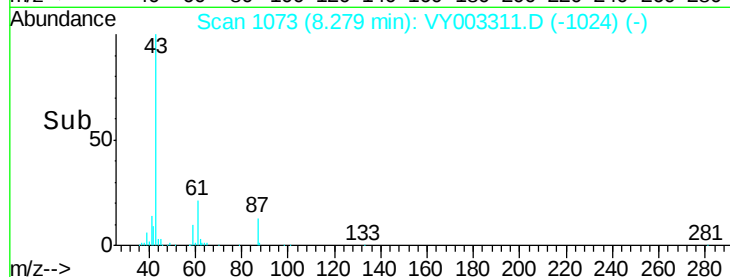
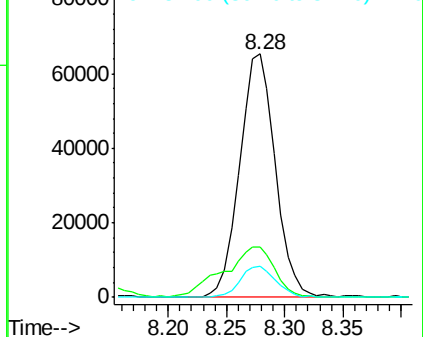
87 13.1 11.4 17.0



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: 21.574 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VY003311.D

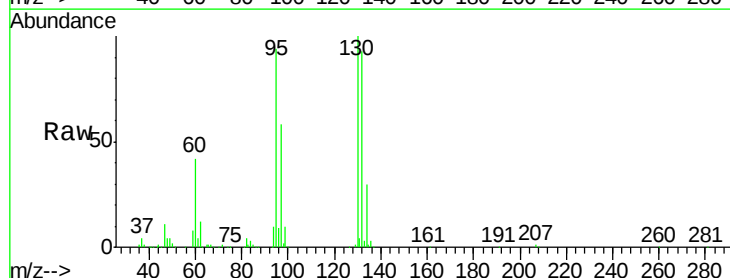
Acq: 23 Jul 2020 12:56

Tgt Ion: 130 Resp: 102263

Ion Ratio Lower Upper

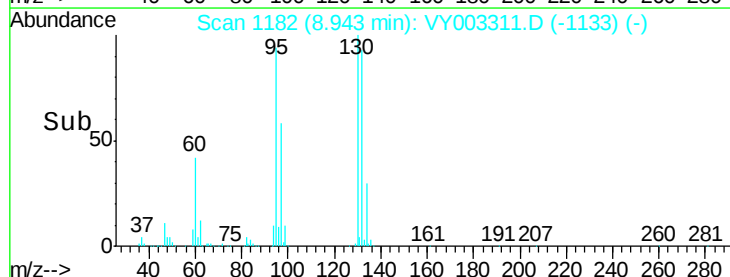
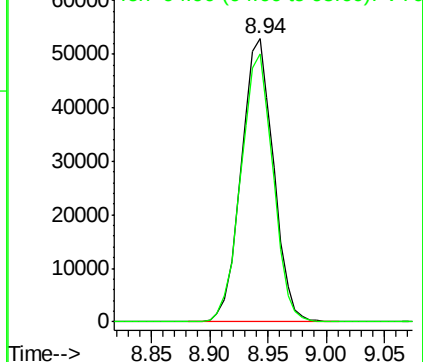
130 100

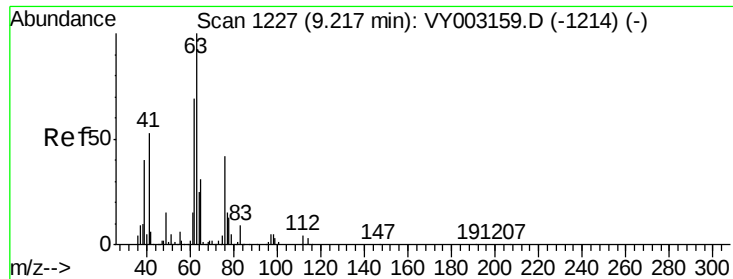
95 94.5 0.0 193.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VY0

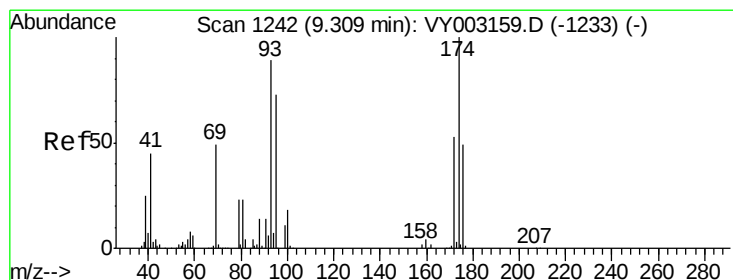
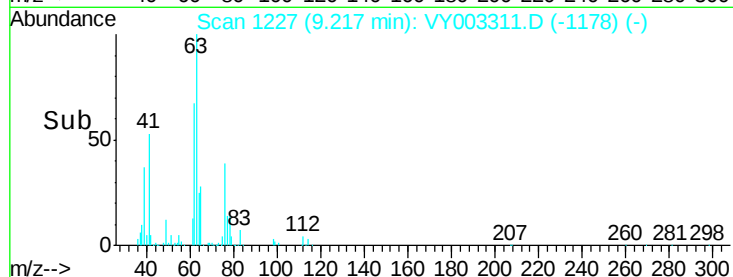
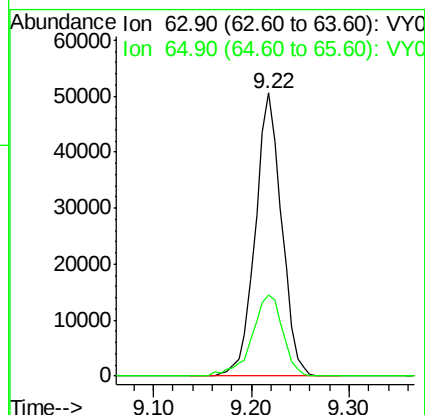
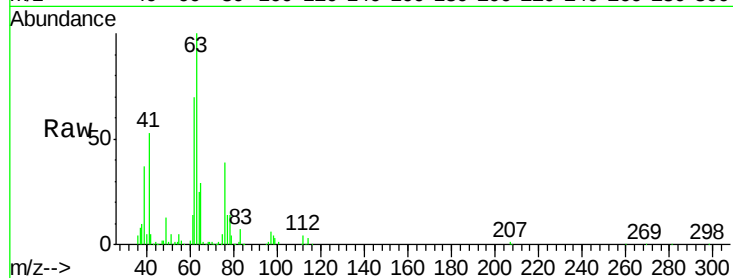




#45
 1,2-Dichloropropane
 Concen: 23.702 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: VY003311.D
 Acq: 23 Jul 2020 12:56

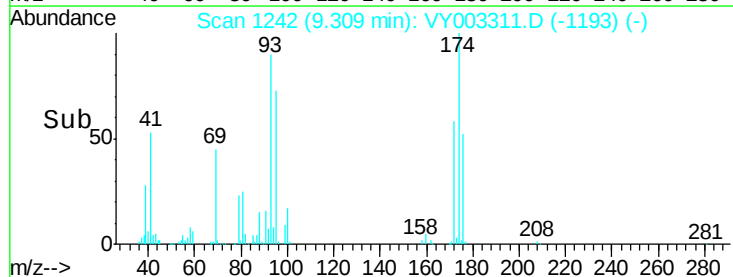
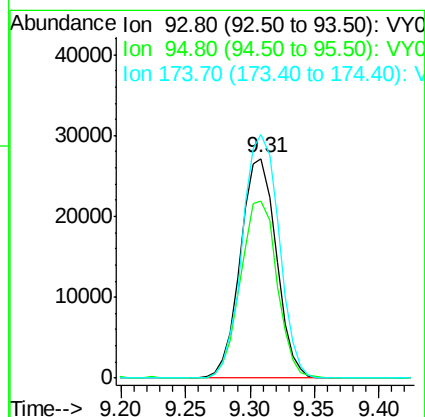
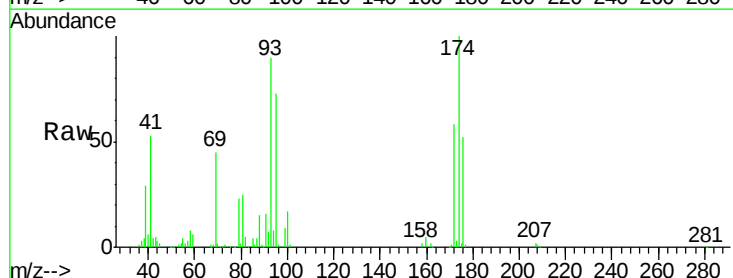
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0723SBS01

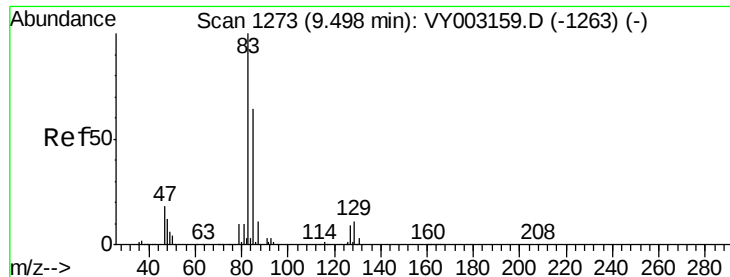
Tot Ion: 63 Resp: 94834
 Ion Ratio Lower Upper
 63 100
 65 28.7 25.0 37.4



#46
 Dibromomethane
 Concen: 22.504 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY003311.D
 Acq: 23 Jul 2020 12:56

Tgt Ion: 93 Resp: 52589
 Ion Ratio Lower Upper
 93 100
 95 81.8 66.6 99.8
 174 112.9 90.2 135.4





#47

Bromodichloromethane

Concen: 23.086 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY003311.D

Acq: 23 Jul 2020 12:56

Instrument :

MSVOA_Y

ClientSampleId :

VY0723SBS01

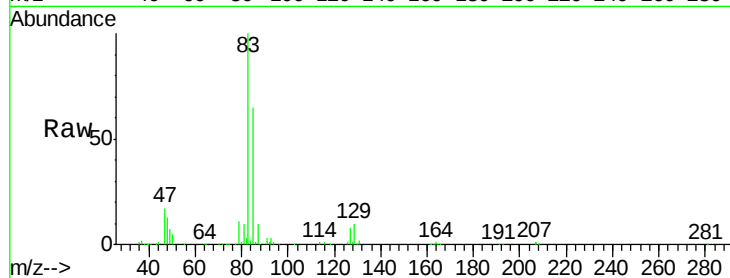
Tot Ion: 83 Resp: 128308

Ion Ratio Lower Upper

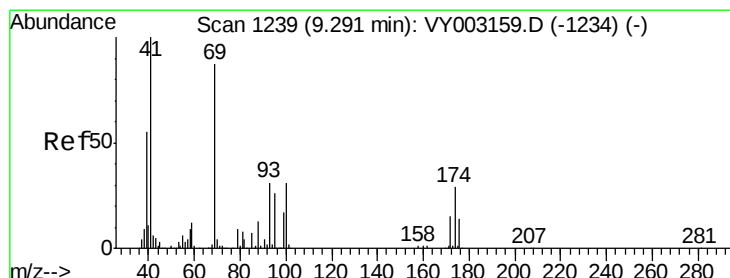
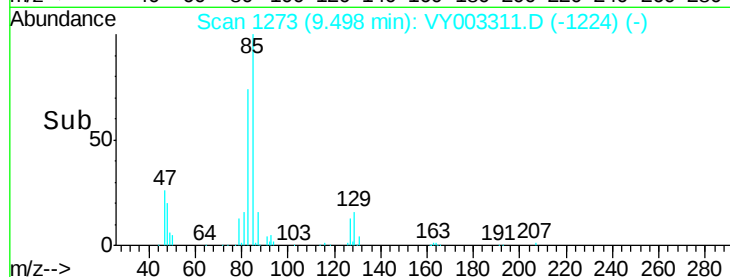
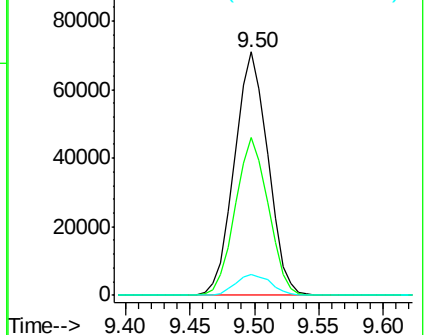
83 100

85 65.0 50.9 76.3

127 8.4 7.0 10.4



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



#48

Methyl methacrylate

Concen: 23.895 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.01 min

Lab File: VY003311.D

Acq: 23 Jul 2020 12:56

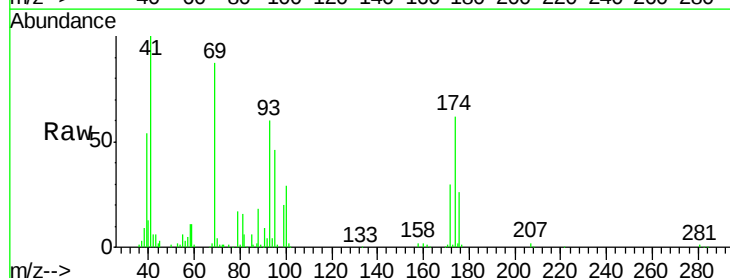
Tgt Ion: 41 Resp: 62532

Ion Ratio Lower Upper

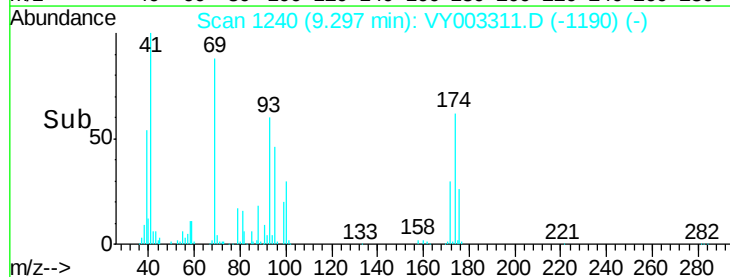
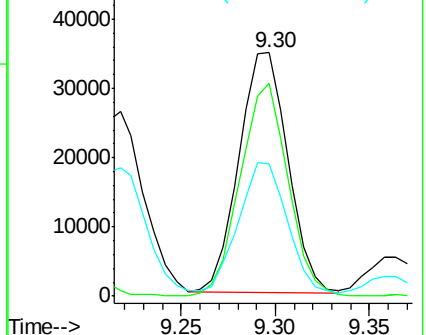
41 100

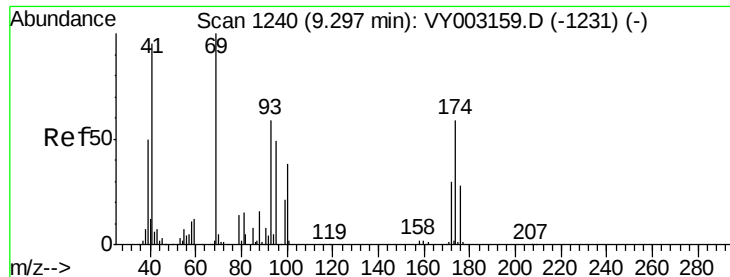
69 86.3 74.5 111.7

39 56.7 47.5 71.3



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

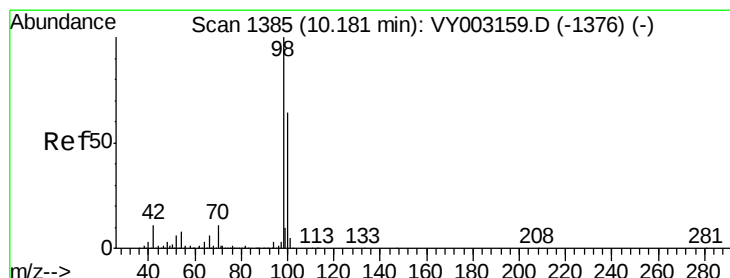
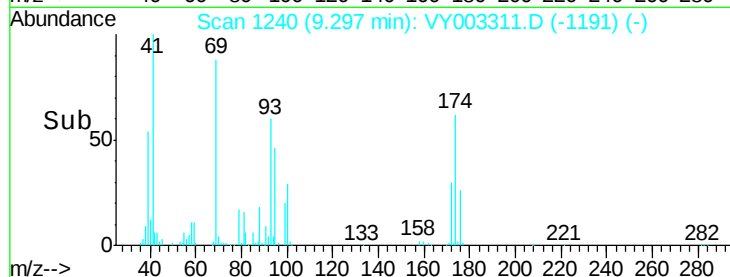
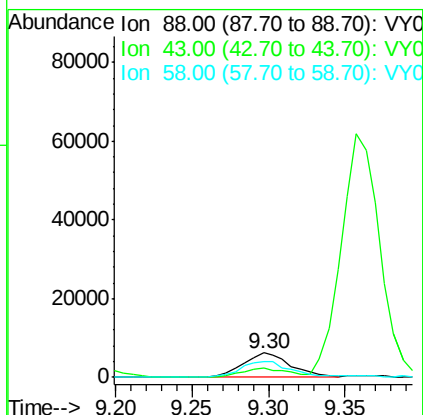
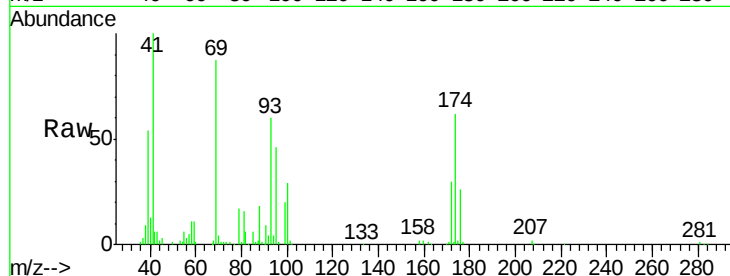




#49
1,4-Dioxane
Concen: 453.258 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VY003311.D
Acq: 23 Jul 2020 12:56

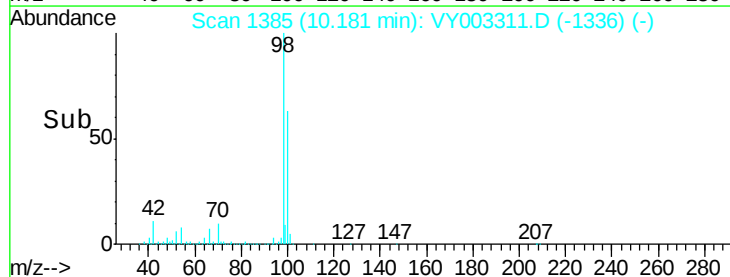
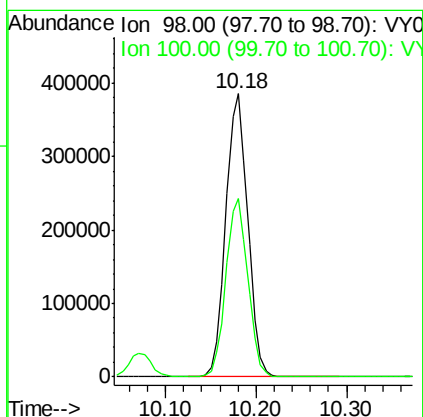
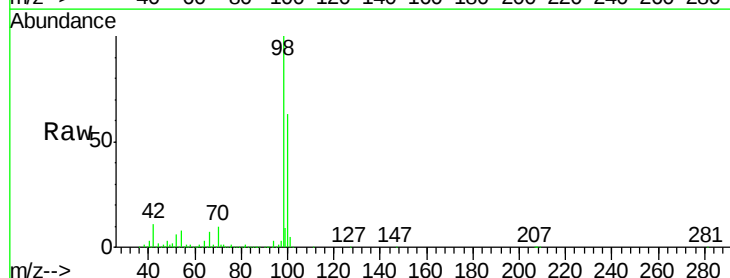
Instrument :
MSVOA_Y
ClientSampleId :
VY0723SBS01

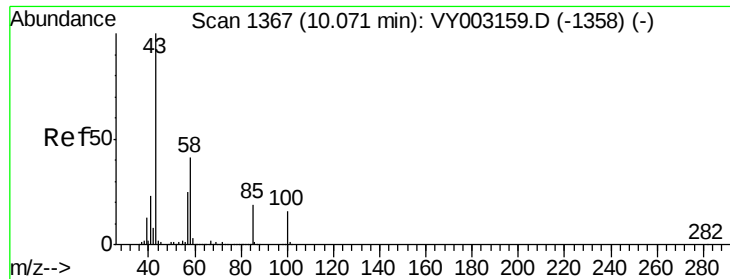
Tot Ion: 88 Resp: 13443
Ion Ratio Lower Upper
88 100
43 36.9 25.6 38.4
58 69.3 47.8 71.6



#50
Toluene-d8
Concen: 49.083 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003311.D
Acq: 23 Jul 2020 12:56

Tgt Ion: 98 Resp: 650675
Ion Ratio Lower Upper
98 100
100 62.8 50.7 76.1





#51

4-Methyl-2-Pentanone

Concen: 121.983 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VY003311.D

Acq: 23 Jul 2020 12:56

Instrument :

MSVOA_Y

ClientSampleId :

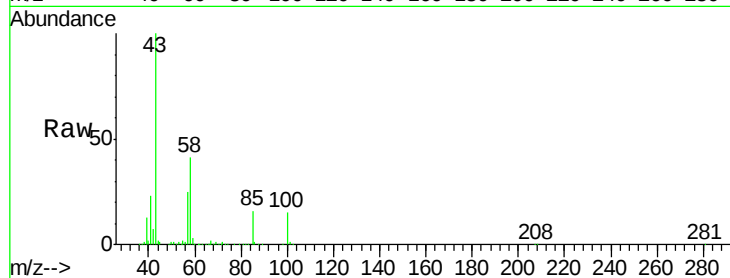
VY0723SBS01

Tot Ion: 43 Resp: 371146

Ion Ratio Lower Upper

43 100

58 39.5 32.7 49.1



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

10.07

200000

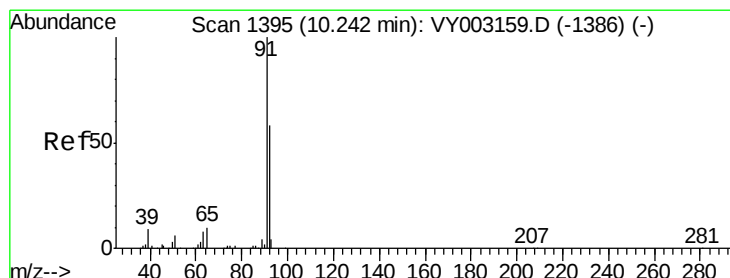
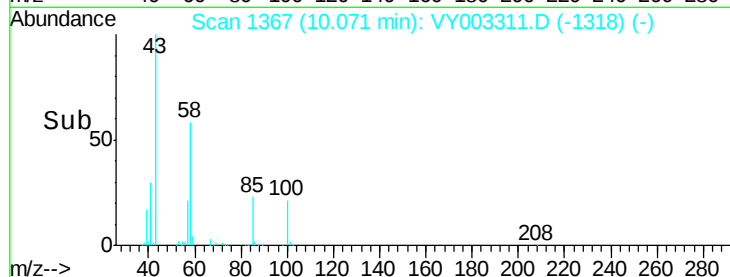
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 22.710 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.00 min

Lab File: VY003311.D

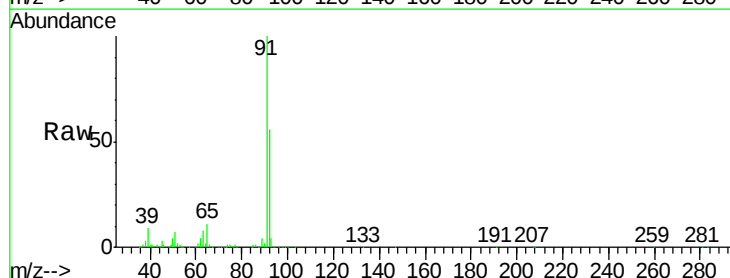
Acq: 23 Jul 2020 12:56

Tgt Ion: 92 Resp: 224449

Ion Ratio Lower Upper

92 100

91 174.5 139.7 209.5



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0

10.24

250000

200000

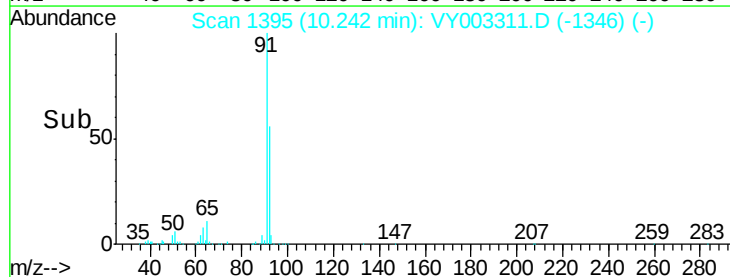
150000

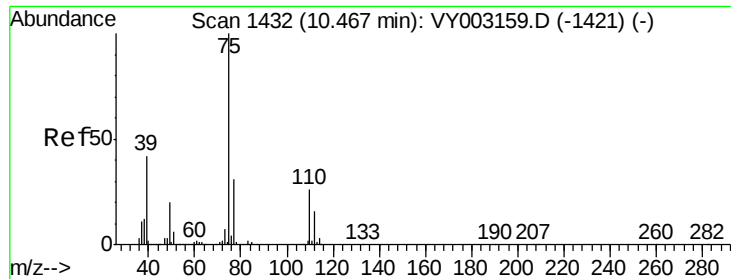
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 23.251 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY003311.D

Acq: 23 Jul 2020 12:56

Instrument :

MSVOA_Y

ClientSampleId :

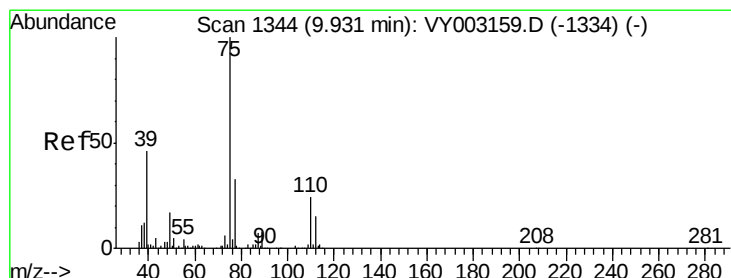
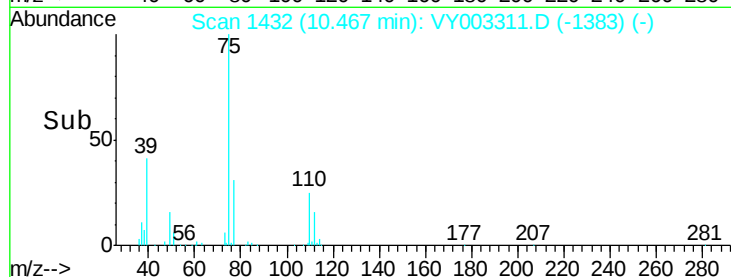
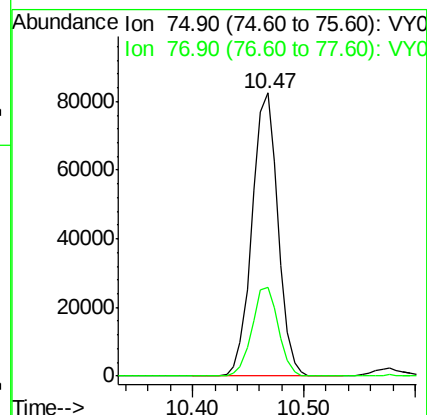
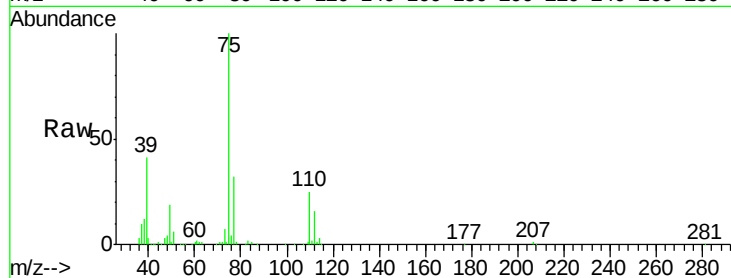
VY0723SBS01

Tot Ion: 75 Resp: 133889

Ion Ratio Lower Upper

75 100

77 31.5 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 23.320 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY003311.D

Acq: 23 Jul 2020 12:56

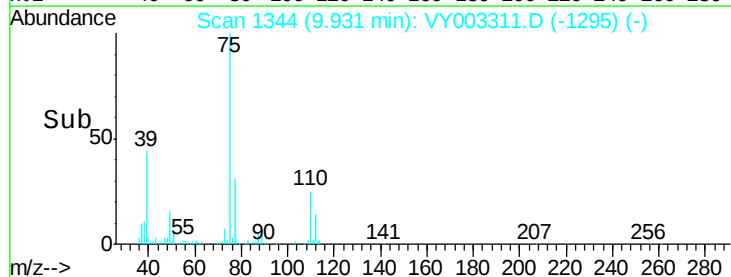
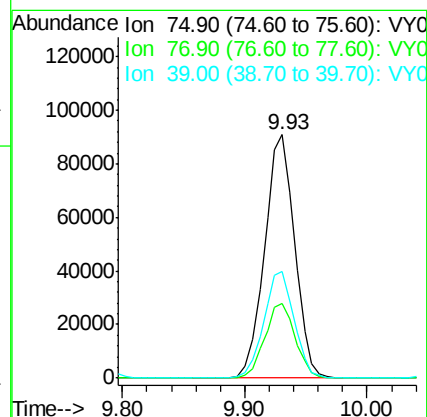
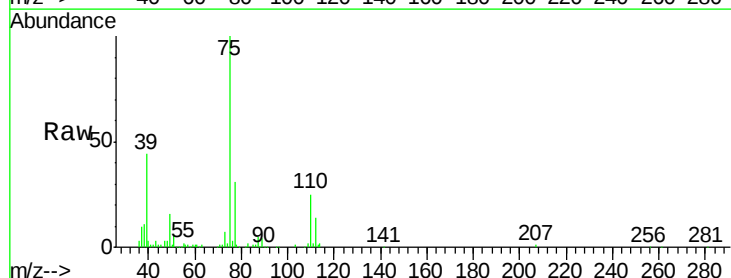
Tgt Ion: 75 Resp: 154726

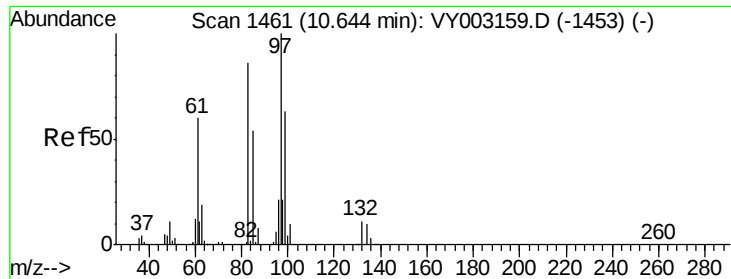
Ion Ratio Lower Upper

75 100

77 30.8 26.7 40.1

39 44.0 37.0 55.6





#55

1,1,2-Trichloroethane

Concen: 22.557 ug/l

RT: 10.64 min Scan# 1461

Delta R.T. -0.00 min

Lab File: VY003311.D

Acq: 23 Jul 2020 12:56

Instrument :

MSVOA_Y

ClientSampleId :

VY0723SBS01

Tot Ion: 97 Resp: 74697

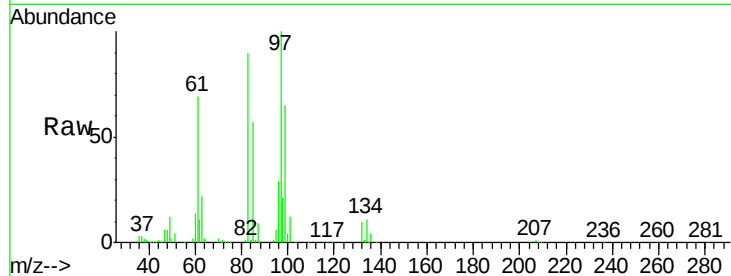
Ion	Ratio	Lower	Upper
97	100		
83	89.8	68.8	103.2
85	57.1	43.1	64.7
99	65.3	50.8	76.2

97 100

83 89.8 68.8 103.2

85 57.1 43.1 64.7

99 65.3 50.8 76.2



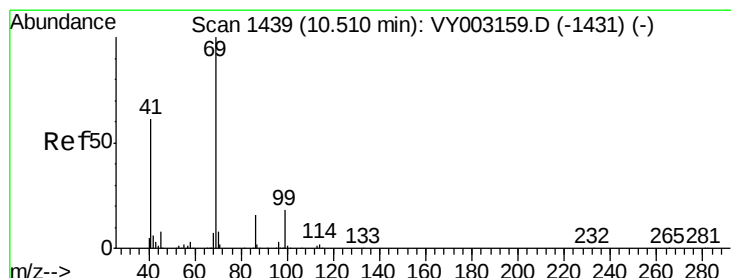
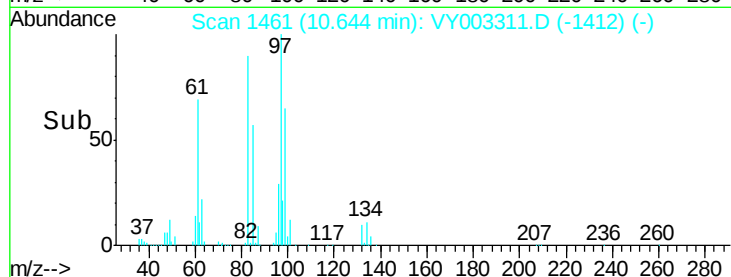
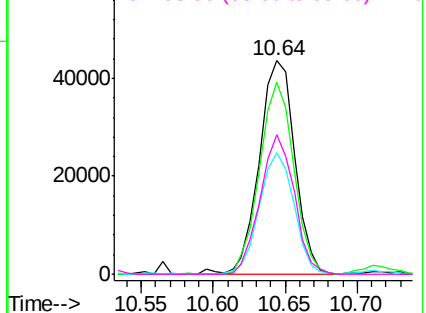
Abundance

Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 22.954 ug/l

RT: 10.51 min Scan# 1439

Delta R.T. -0.00 min

Lab File: VY003311.D

Acq: 23 Jul 2020 12:56

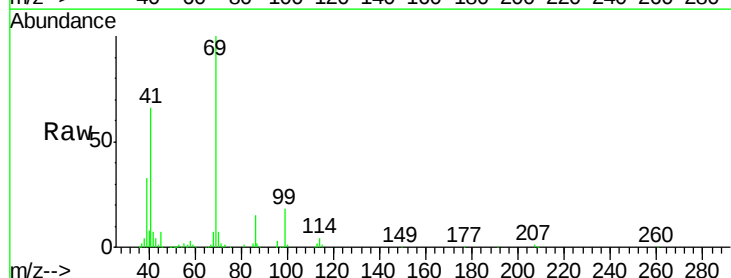
Tgt Ion: 69 Resp: 103340

Ion	Ratio	Lower	Upper
69	100		
41	64.4	50.0	75.0
39	33.4	27.6	41.4

69 100

41 64.4 50.0 75.0

39 33.4 27.6 41.4

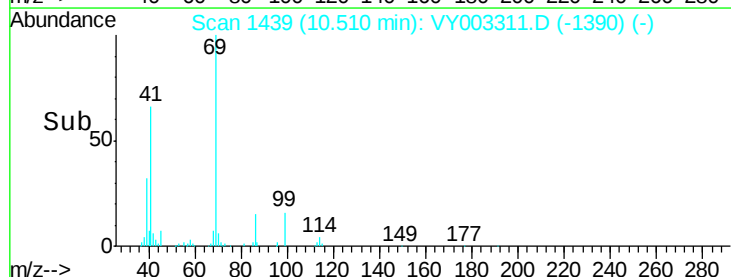
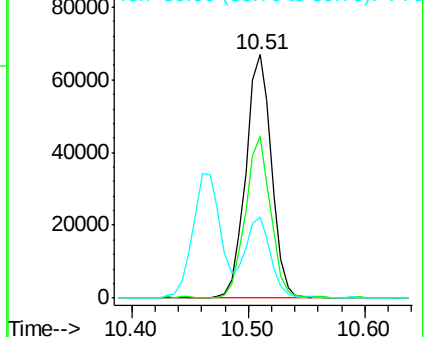


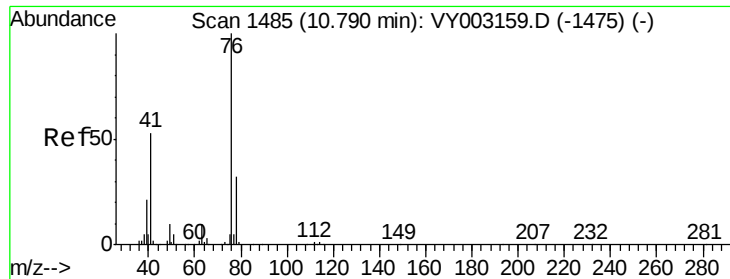
Abundance

Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#57

1,3-Dichloropropane

Concen: 22.844 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY003311.D

Acq: 23 Jul 2020 12:56

Instrument :

MSVOA_Y

ClientSampleId :

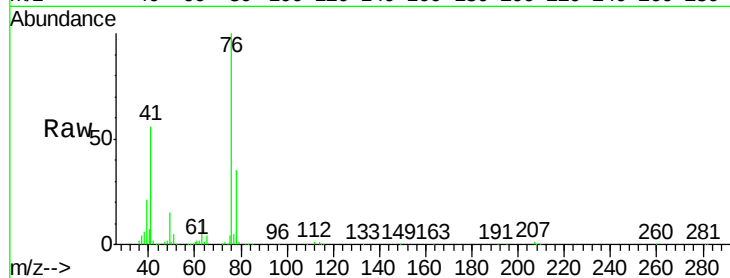
VY0723SBS01

Tot Ion: 76 Resp: 128261

Ion Ratio Lower Upper

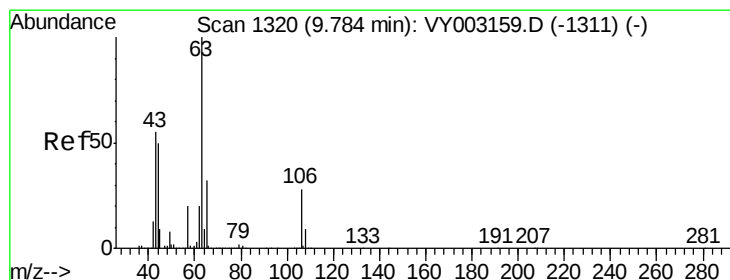
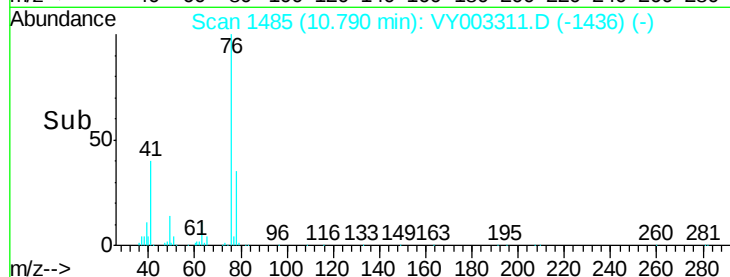
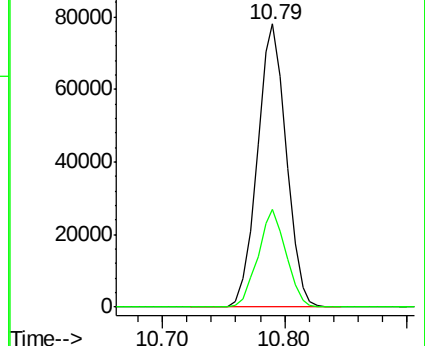
76 100

78 33.8 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 119.691 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY003311.D

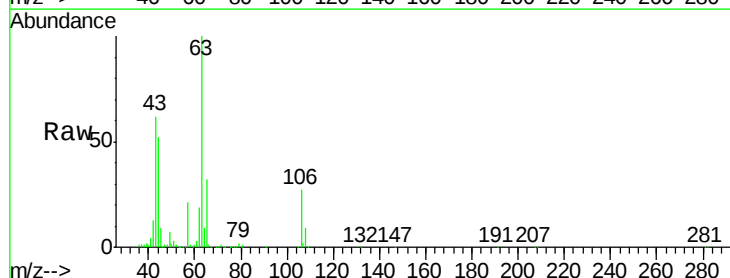
Acq: 23 Jul 2020 12:56

Tgt Ion: 63 Resp: 274812

Ion Ratio Lower Upper

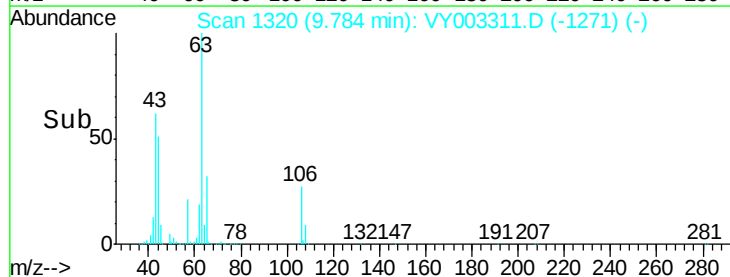
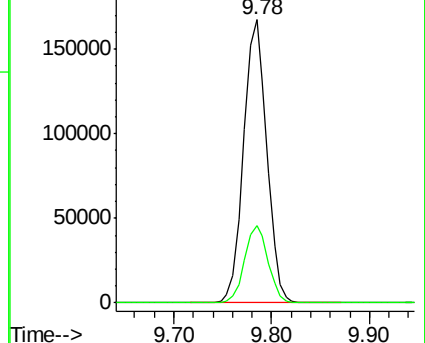
63 100

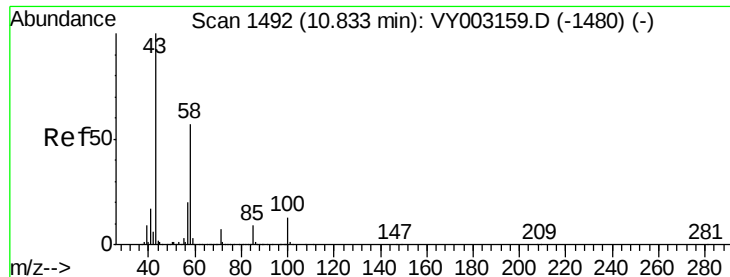
106 27.7 22.9 34.3



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

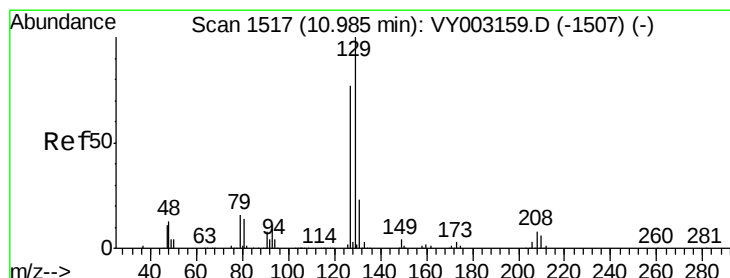
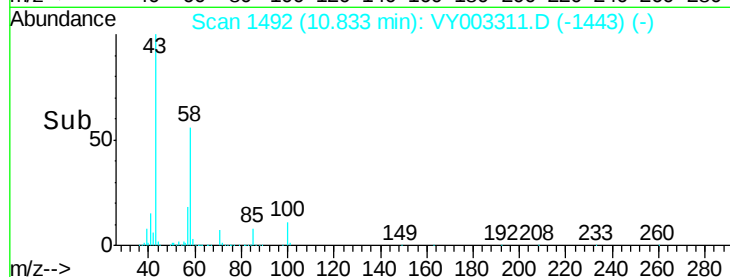
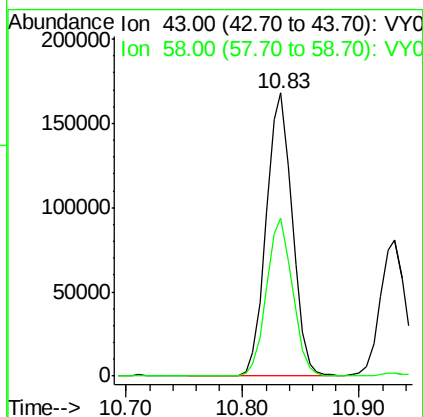
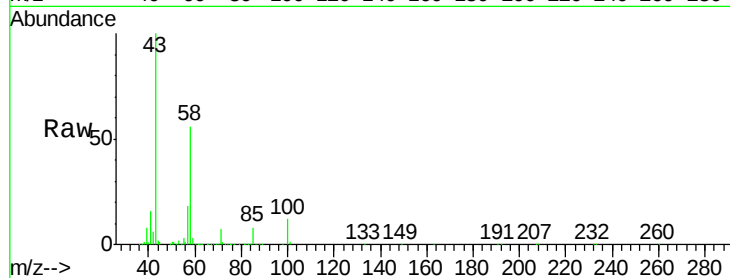




#59
2-Hexanone
Concen: 122.136 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY003311.D
Acq: 23 Jul 2020 12:56

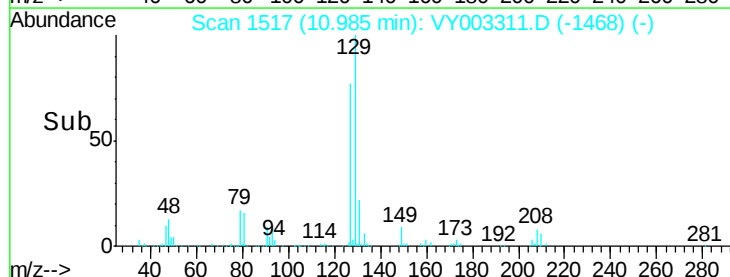
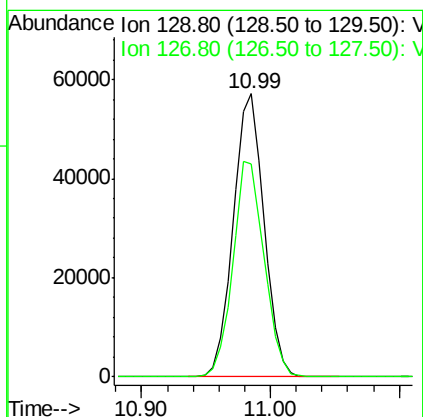
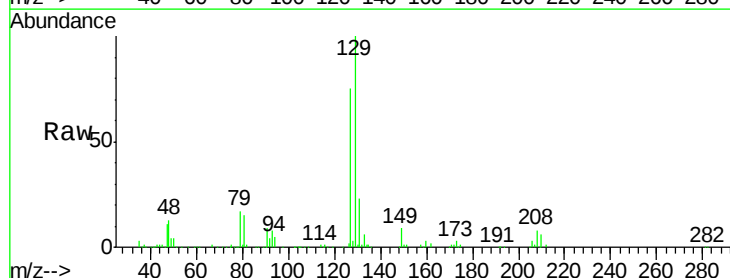
Instrument :
MSVOA_Y
ClientSampleId :
VY0723SBS01

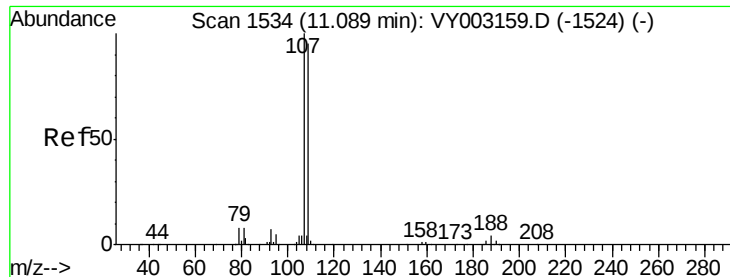
Tot Ion: 43 Resp: 259412
Ion Ratio Lower Upper
43 100
58 55.7 28.3 85.0



#60
Dibromochloromethane
Concen: 22.725 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY003311.D
Acq: 23 Jul 2020 12:56

Tgt Ion: 129 Resp: 94648
Ion Ratio Lower Upper
129 100
127 77.3 38.5 115.5

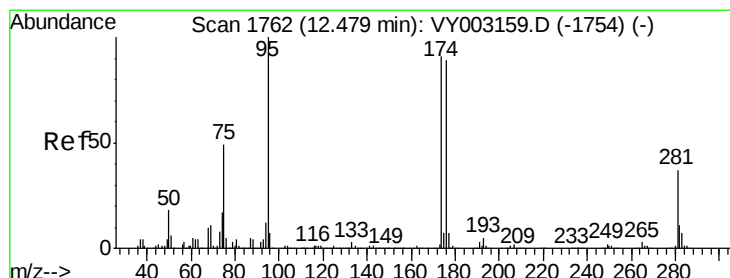
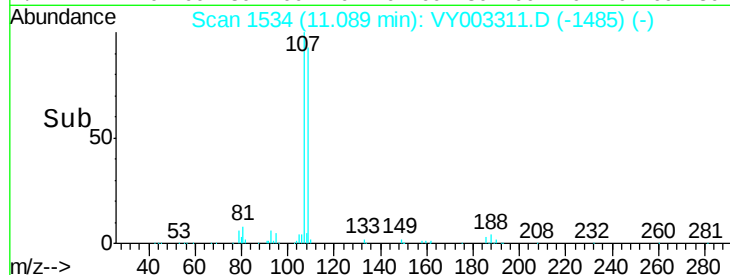
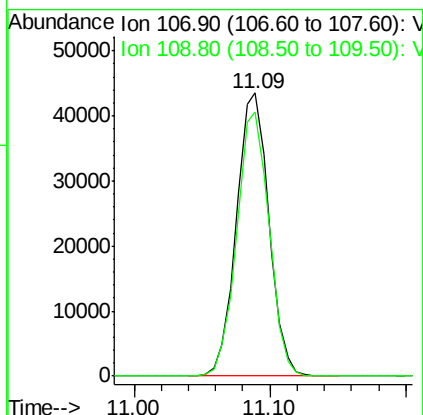
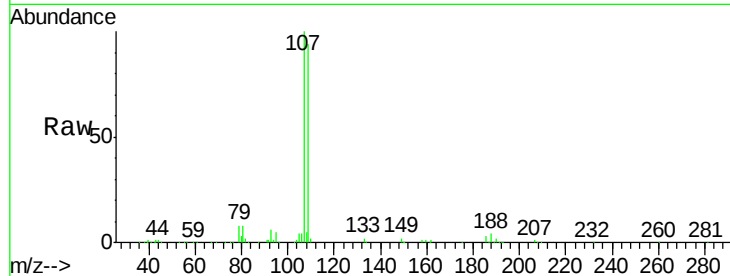




#61
 1,2-Dibromoethane
 Concen: 22.180 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY003311.D
 Acq: 23 Jul 2020 12:56

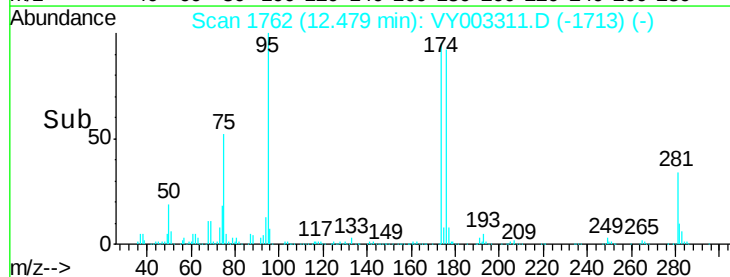
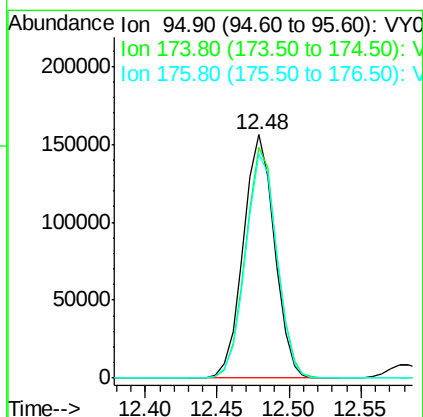
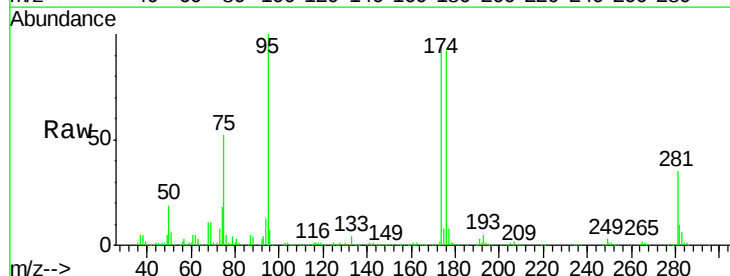
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0723SBS01

Tot Ion: 107 Resp: 72491
 Ion Ratio Lower Upper
 107 100
 109 93.3 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 48.823 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY003311.D
 Acq: 23 Jul 2020 12:56

Tgt Ion: 95 Resp: 233818
 Ion Ratio Lower Upper
 95 100
 174 94.9 0.0 190.6
 176 92.3 0.0 186.4

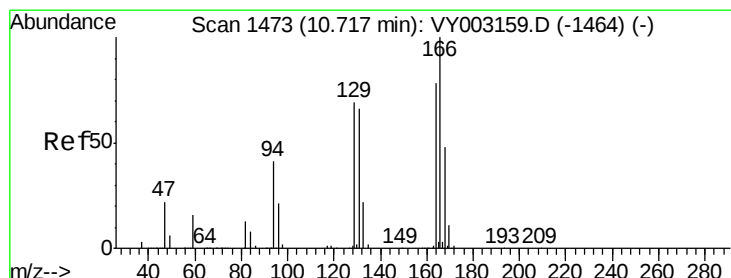
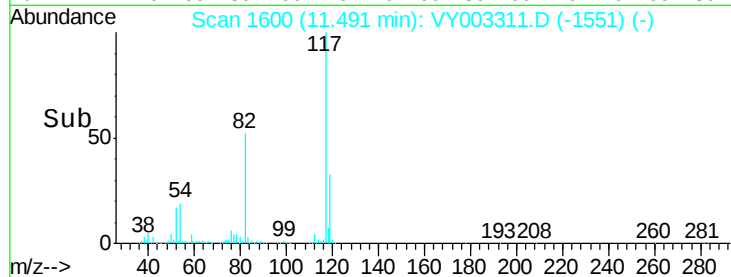
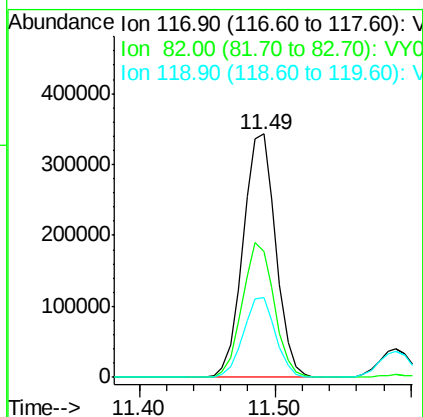
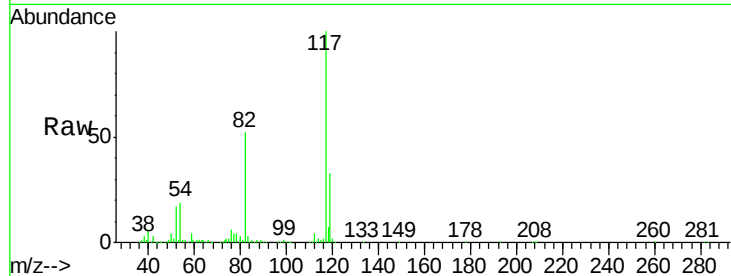




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003311.D
Acq: 23 Jul 2020 12:56

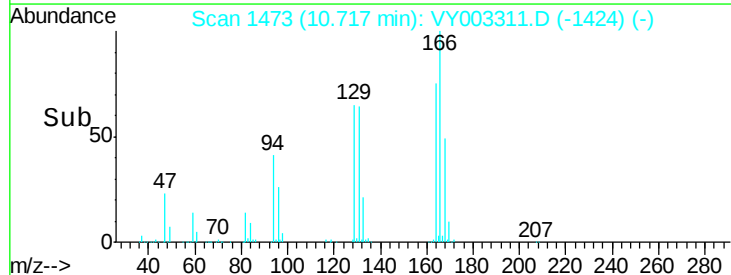
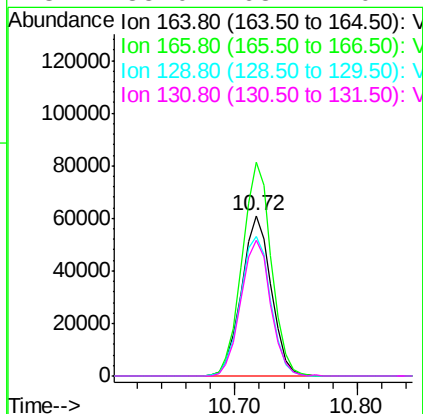
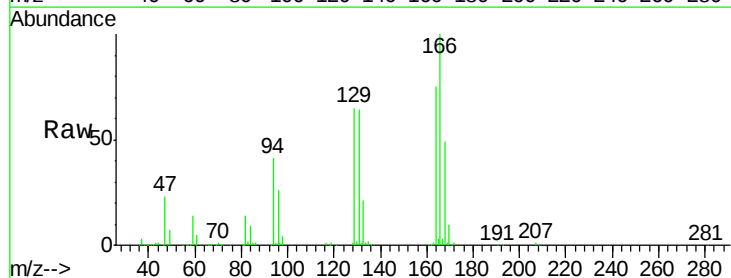
Instrument :
MSVOA_Y
ClientSampleId :
VY0723SBS01

Tot Ion:117 Resp: 574728
Ion Ratio Lower Upper
117 100
82 51.7 42.0 63.0
119 32.8 25.5 38.3



#64
Tetrachloroethene
Concen: 19.993 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY003311.D
Acq: 23 Jul 2020 12:56

Tgt Ion:164 Resp: 102451
Ion Ratio Lower Upper
164 100
166 133.1 102.9 154.3
129 86.8 71.4 107.2
131 85.0 68.1 102.1

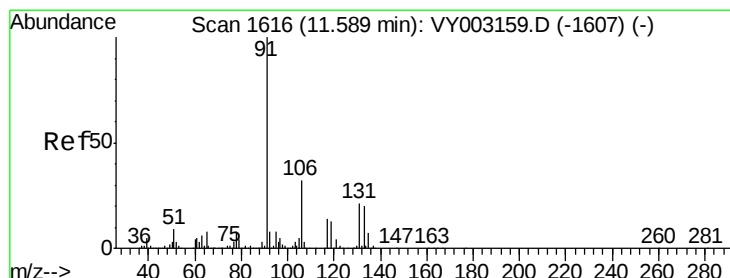
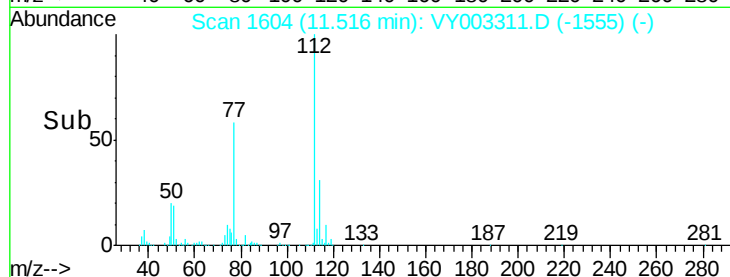
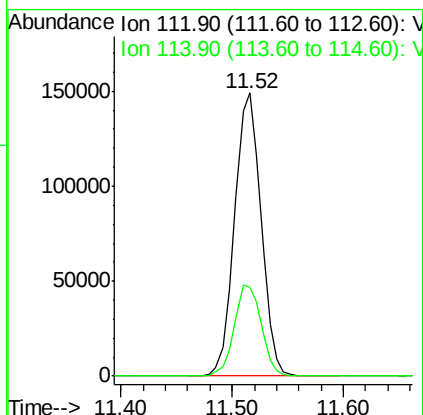
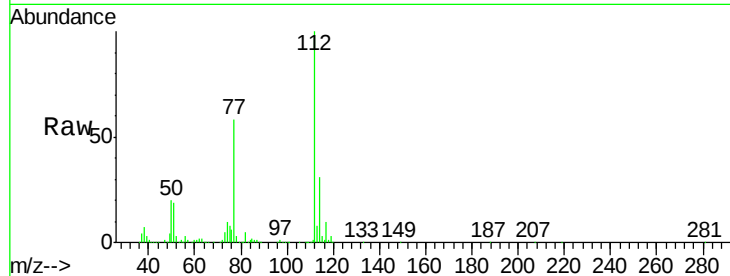




#65
Chlorobenzene
Concen: 22.127 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY003311.D
Acq: 23 Jul 2020 12:56

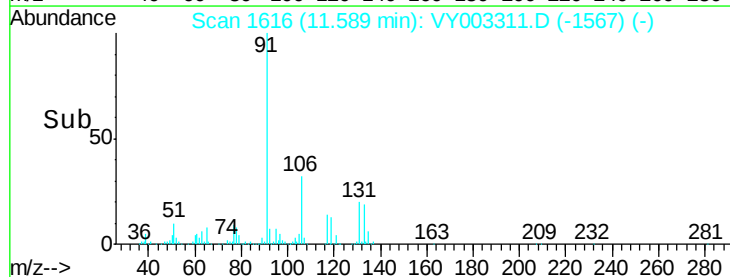
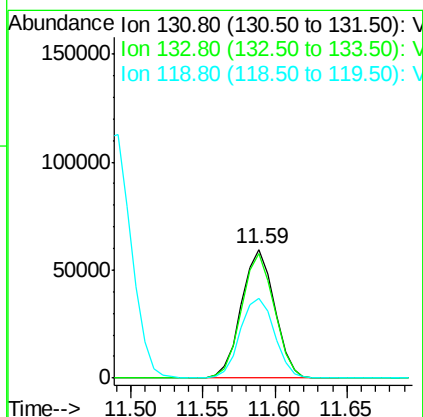
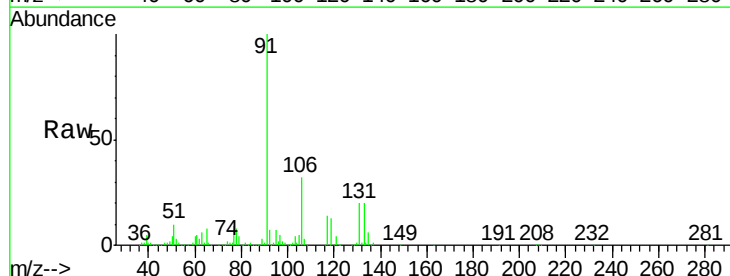
Instrument :
MSVOA_Y
ClientSampleId :
VY0723SBS01

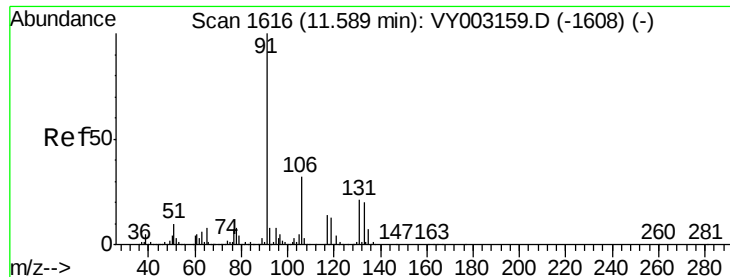
Tot Ion:112 Resp: 244986
Ion Ratio Lower Upper
112 100
114 31.4 24.7 37.1



#66
1,1,1,2-Tetrachloroethane
Concen: 22.227 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY003311.D
Acq: 23 Jul 2020 12:56

Tgt Ion:131 Resp: 95582
Ion Ratio Lower Upper
131 100
133 95.6 48.0 144.0
119 64.0 32.4 97.0

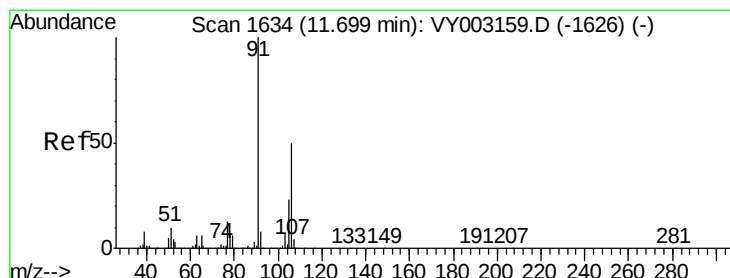
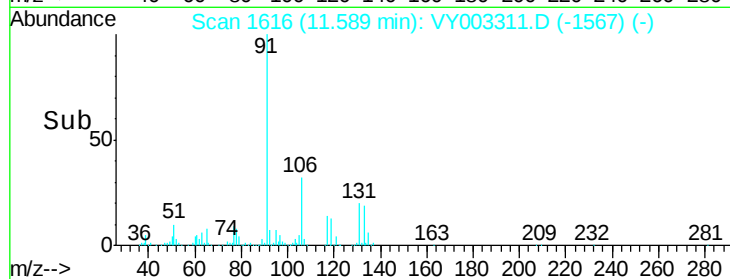
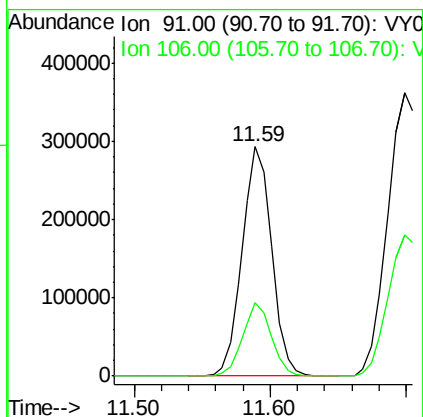
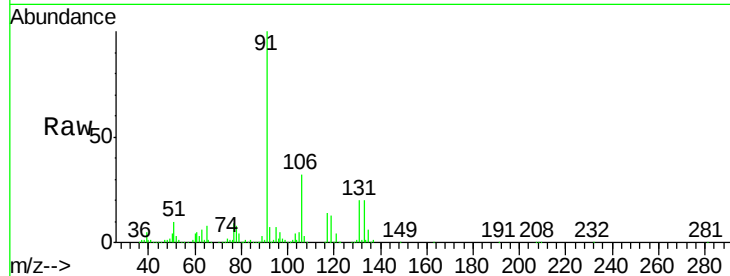




#67
Ethyl Benzene
Concen: 22.542 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY003311.D
Acq: 23 Jul 2020 12:56

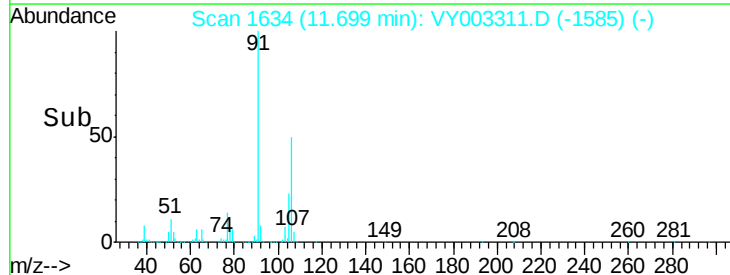
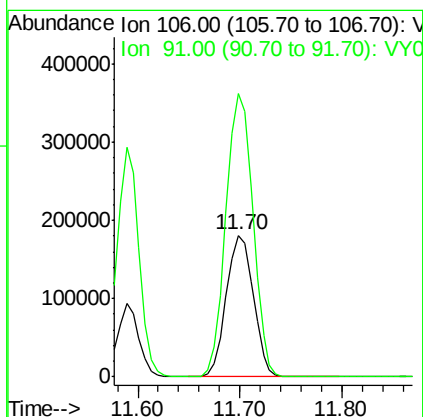
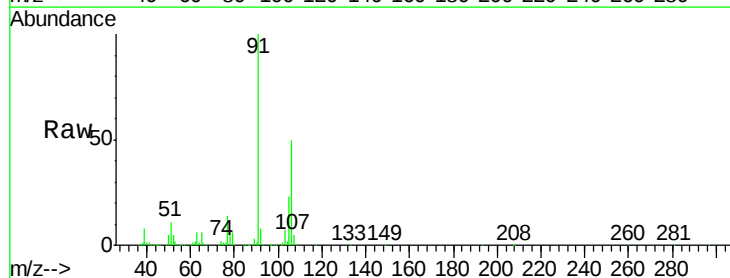
Instrument :
MSVOA_Y
ClientSampleId :
VY0723SBS01

Tot Ion: 91 Resp: 445628
Ion Ratio Lower Upper
91 100
106 31.8 25.5 38.3



#68
m/p-Xylenes
Concen: 44.265 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY003311.D
Acq: 23 Jul 2020 12:56

Tgt Ion: 106 Resp: 332023
Ion Ratio Lower Upper
106 100
91 200.2 159.0 238.6

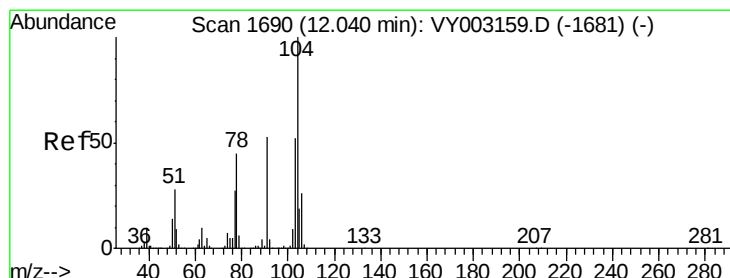
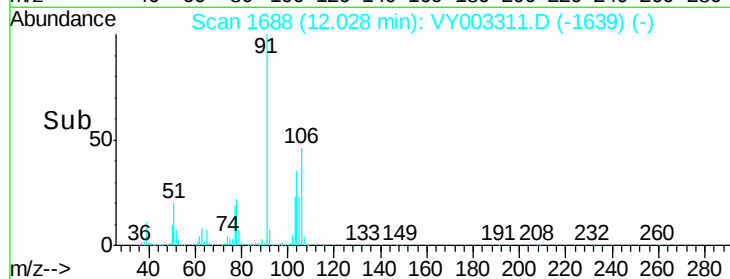
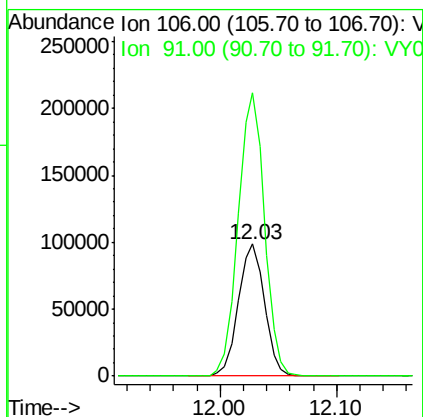
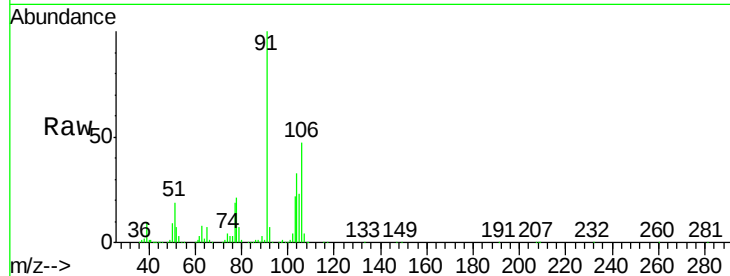




#69
o-Xylene
Concen: 22.167 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003311.D
Acq: 23 Jul 2020 12:56

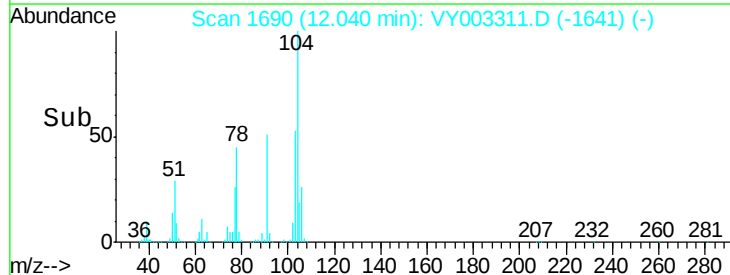
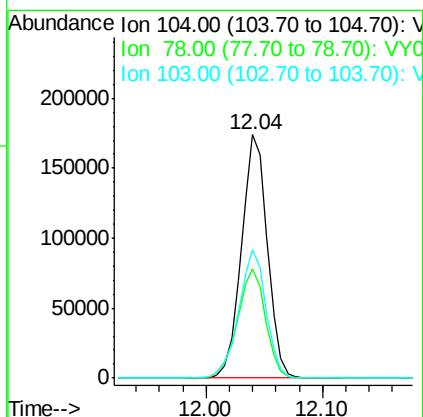
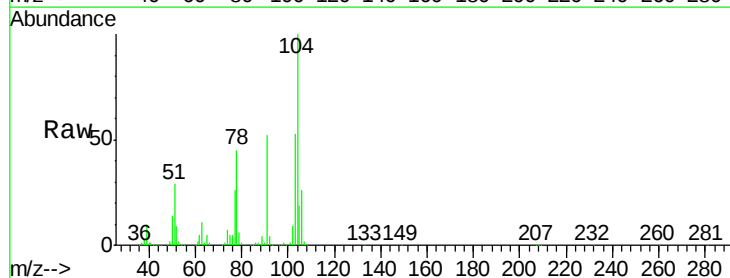
Instrument :
MSVOA_Y
ClientSampleId :
VY0723SBS01

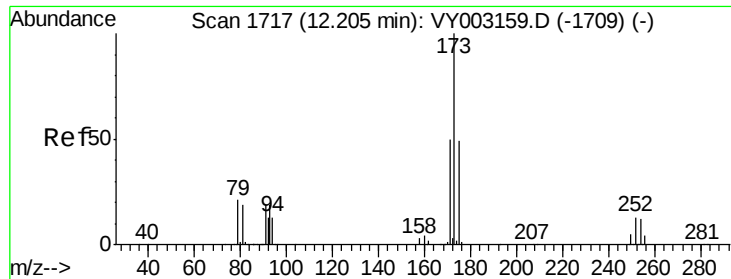
Tot Ion:106 Resp: 155330
Ion Ratio Lower Upper
106 100
91 214.7 105.1 315.1



#70
Styrene
Concen: 22.581 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY003311.D
Acq: 23 Jul 2020 12:56

Tgt Ion:104 Resp: 270686
Ion Ratio Lower Upper
104 100
78 48.2 38.5 57.7
103 55.4 43.9 65.9





#71

Bromoform

Concen: 22.207 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY003311.D

Acq: 23 Jul 2020 12:56

Instrument :

MSVOA_Y

ClientSampleId :

VY0723SBS01

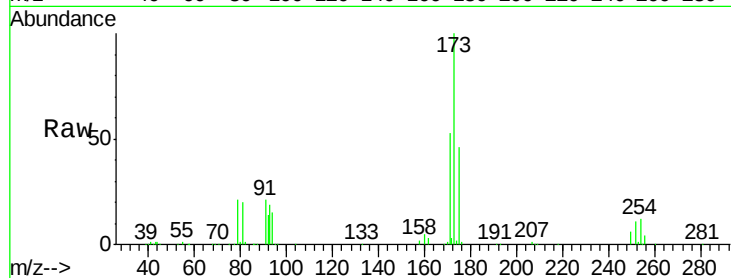
Tot Ion:173 Resp: 62677

Ion Ratio Lower Upper

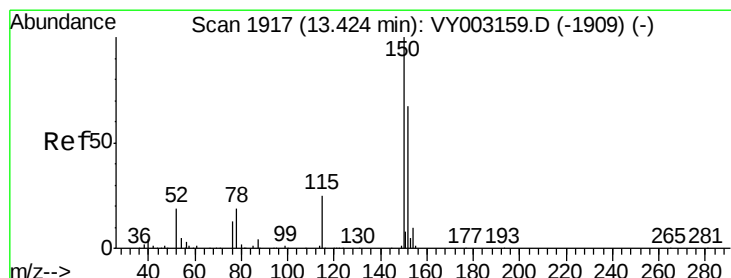
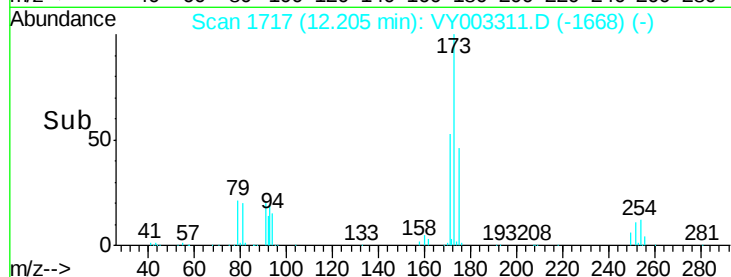
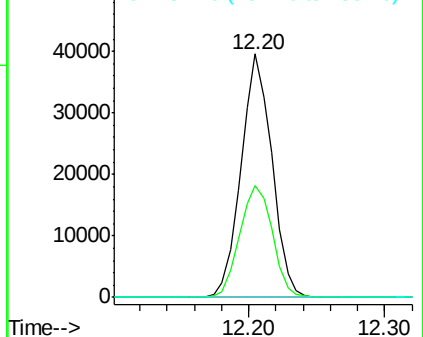
173 100

175 48.7 24.3 73.0

254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY003311.D

Acq: 23 Jul 2020 12:56

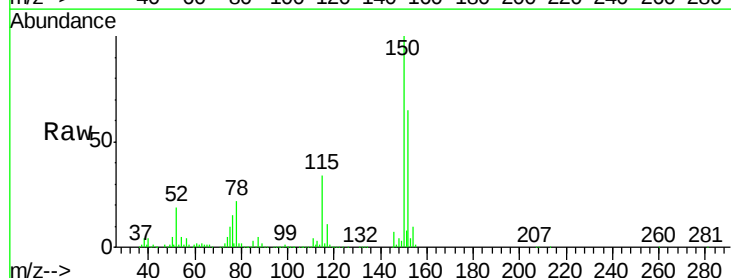
Tgt Ion:152 Resp: 313554

Ion Ratio Lower Upper

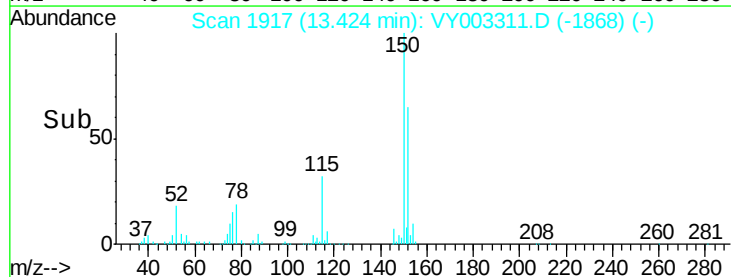
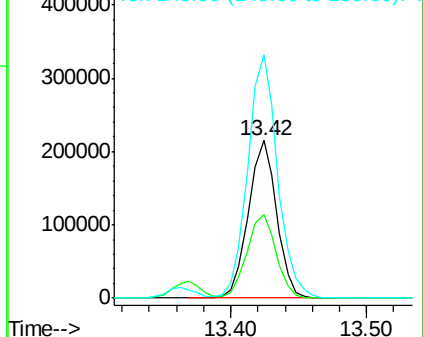
152 100

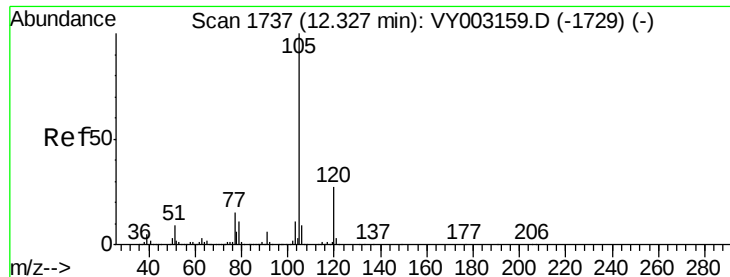
115 54.4 26.9 80.7

150 162.6 0.0 338.0



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: 21.624 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY003311.D

Acq: 23 Jul 2020 12:56

Instrument :

MSVOA_Y

ClientSampleId :

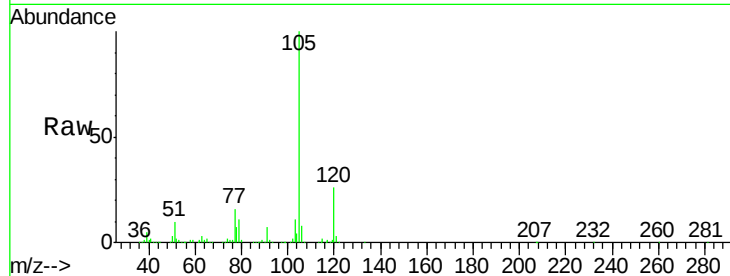
VY0723SBS01

Tot Ion:105 Resp: 432080

Ion Ratio Lower Upper

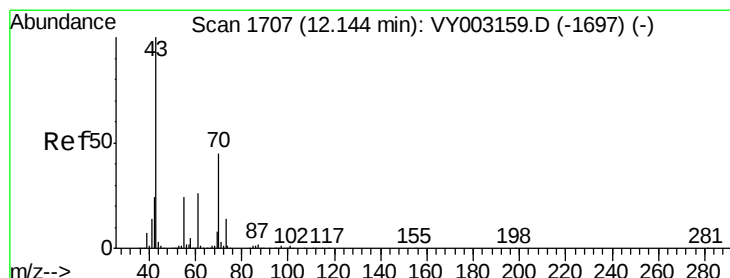
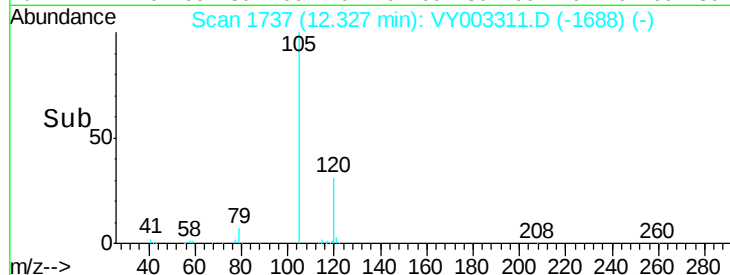
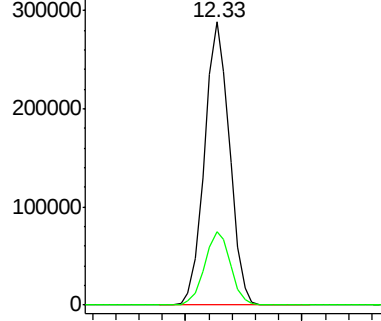
105 100

120 26.8 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 22.603 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY003311.D

Acq: 23 Jul 2020 12:56

Tgt Ion: 43 Resp: 126727

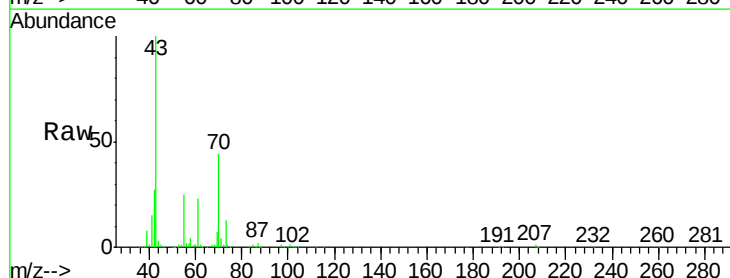
Ion Ratio Lower Upper

43 100

70 43.8 35.6 53.4

55 24.9 19.4 29.2

61 24.5 20.8 31.2

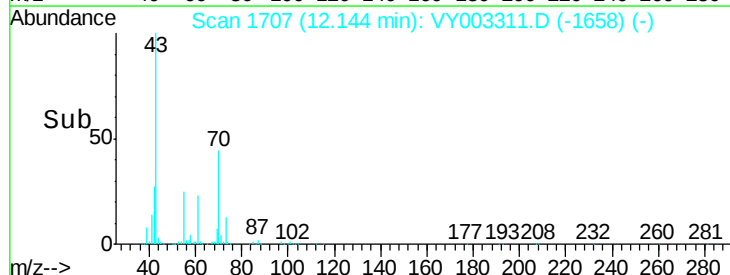
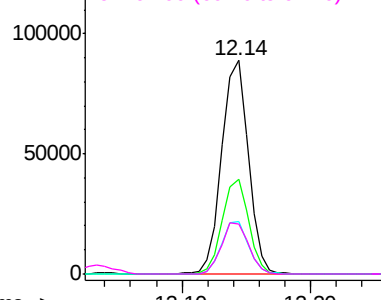


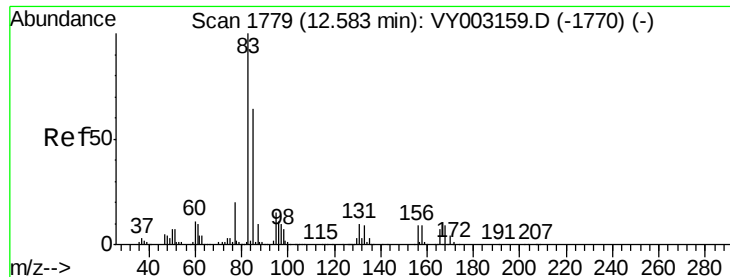
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 22.768 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY003311.D

Acq: 23 Jul 2020 12:56

Instrument :

MSVOA_Y

ClientSampleId :

VY0723SBS01

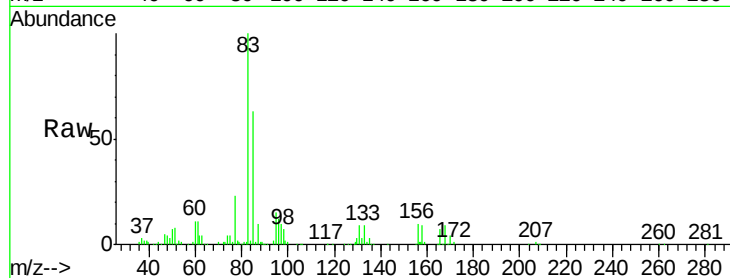
Tot Ion: 83 Resp: 87865

Ion Ratio Lower Upper

83 100

131 10.4 5.2 15.6

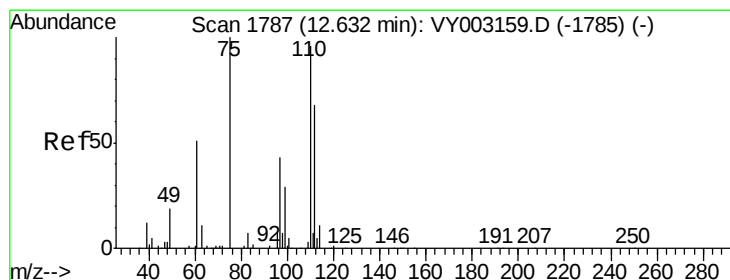
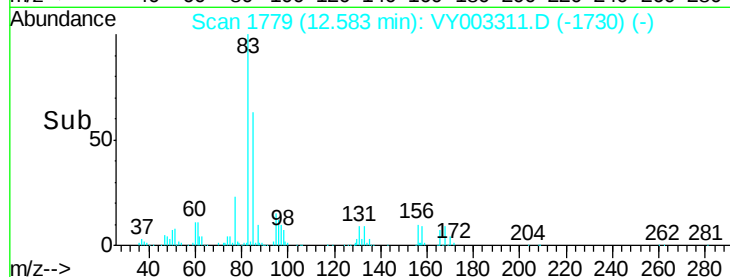
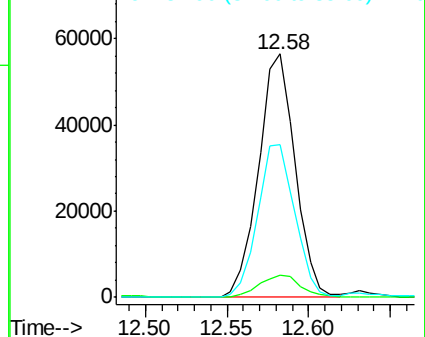
85 64.1 32.0 96.0



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: 42.772 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY003311.D

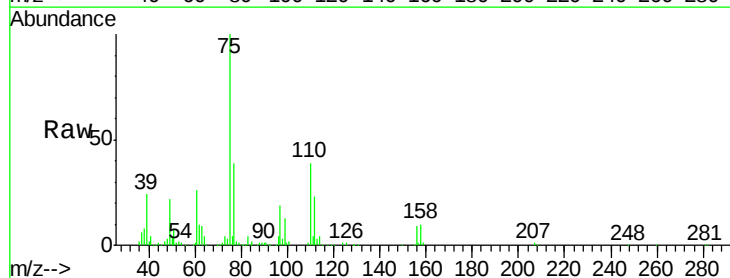
Acq: 23 Jul 2020 12:56

Tgt Ion: 75 Resp: 118713

Ion Ratio Lower Upper

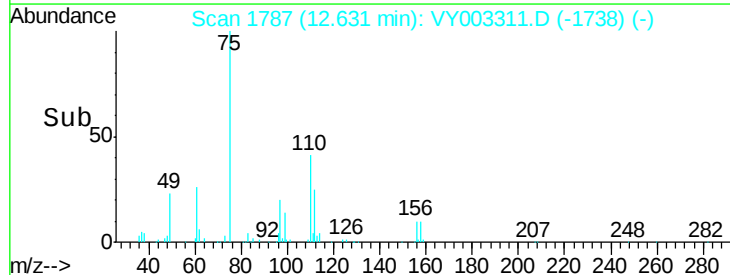
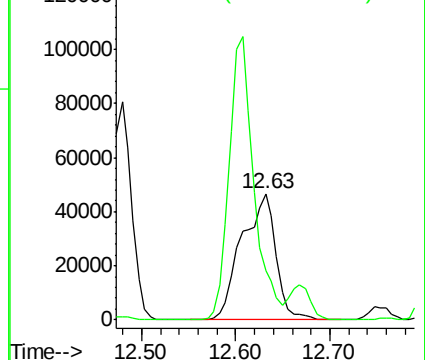
75 100

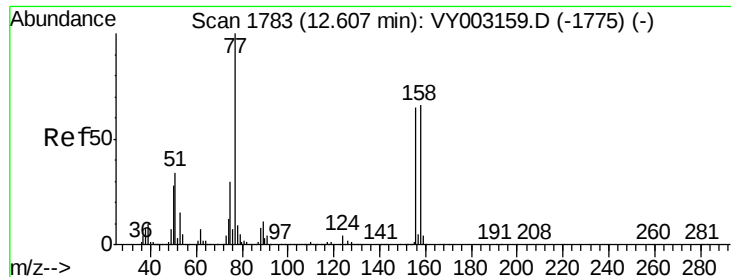
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 21.742 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY003311.D

Acq: 23 Jul 2020 12:56

Instrument :

MSVOA_Y

ClientSampleId :

VY0723SBS01

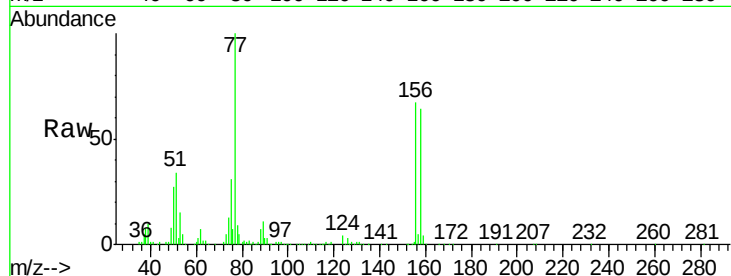
Tot Ion:156 Resp: 110741

Ion Ratio Lower Upper

156 100

77 173.1 86.6 259.7

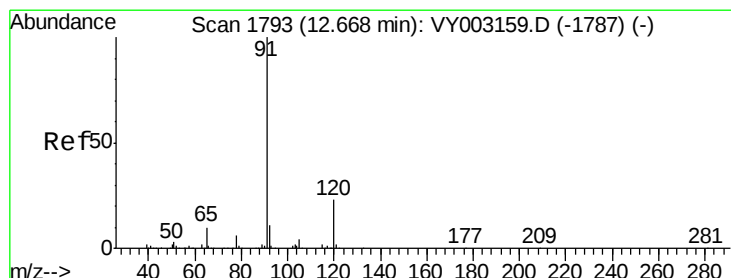
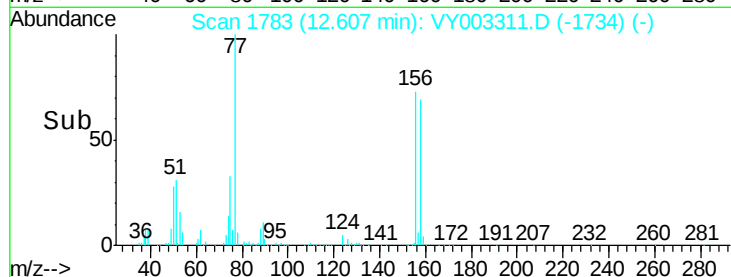
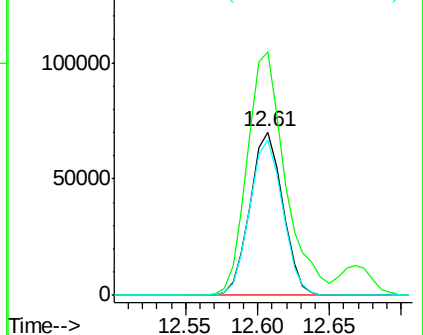
158 95.6 49.4 148.0



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: 22.389 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY003311.D

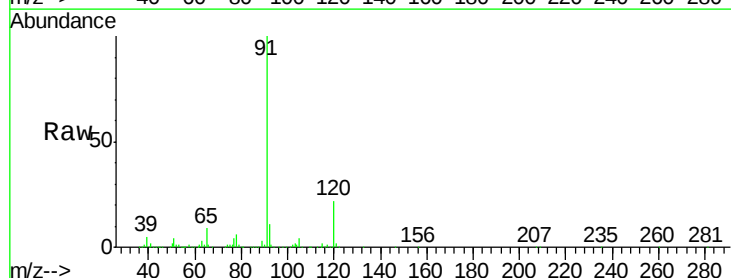
Acq: 23 Jul 2020 12:56

Tgt Ion: 91 Resp: 527343

Ion Ratio Lower Upper

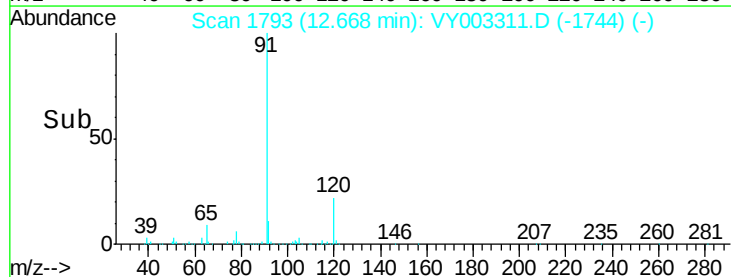
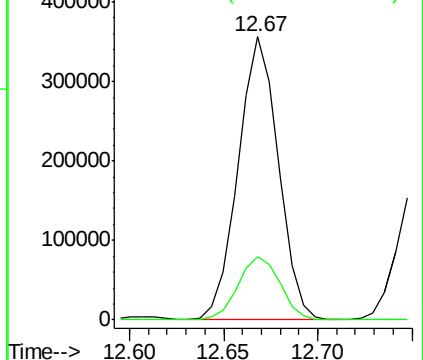
91 100

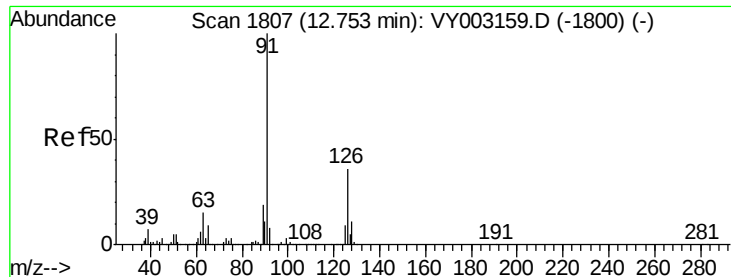
120 23.1 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

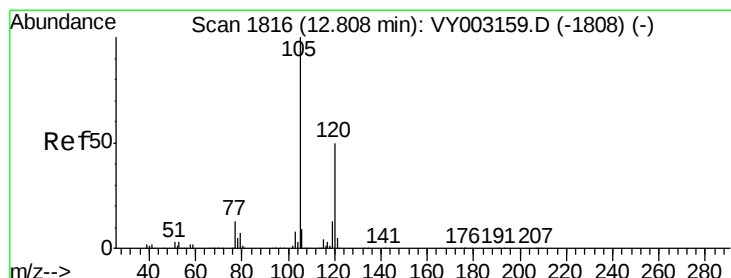
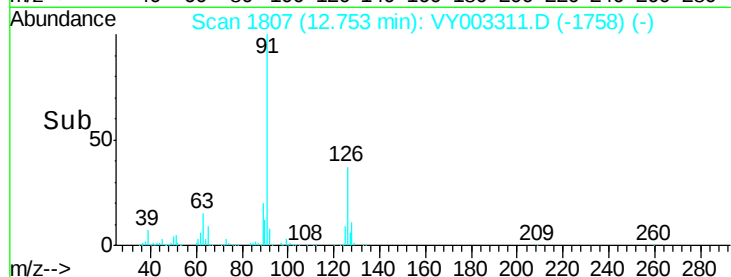
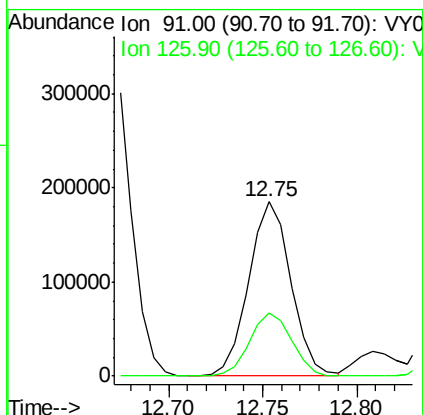
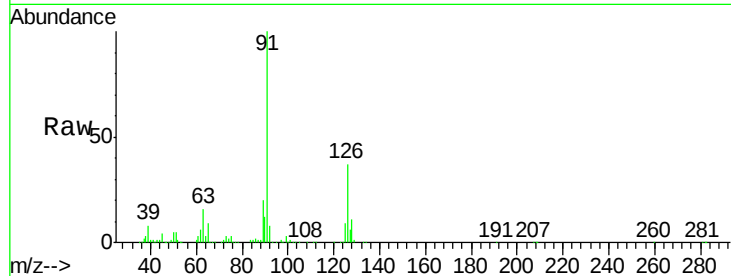




#79
 2-Chlorotoluene
 Concen: 21.862 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: VY003311.D
 Acq: 23 Jul 2020 12:56

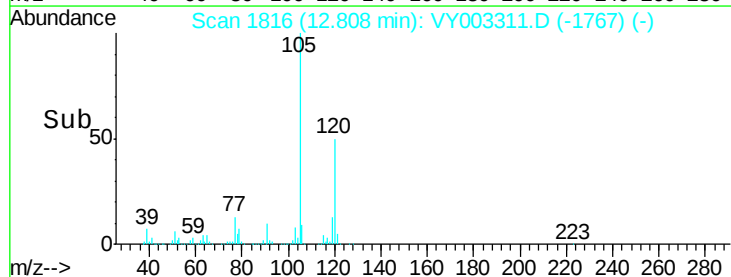
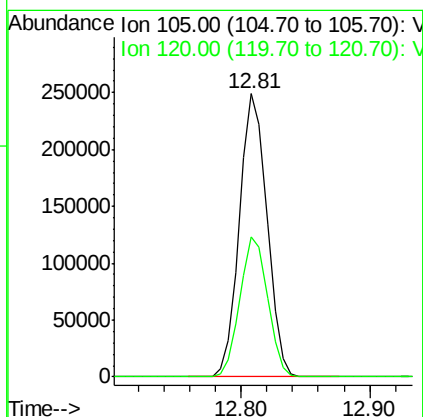
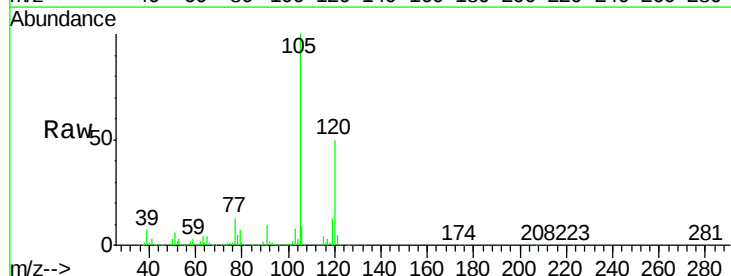
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0723SBS01

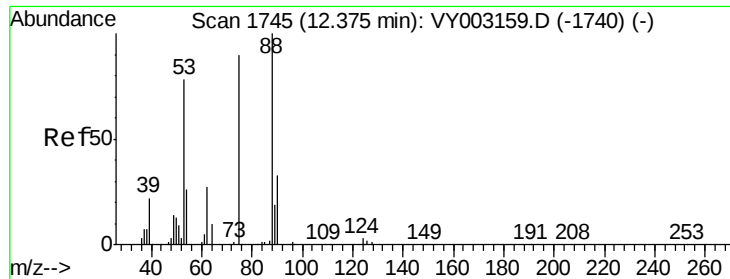
Tot Ion: 91 Resp: 287298
 Ion Ratio Lower Upper
 91 100
 126 36.3 17.6 52.9



#80
 1,3,5-Trimethylbenzene
 Concen: 22.182 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. -0.00 min
 Lab File: VY003311.D
 Acq: 23 Jul 2020 12:56

Tgt Ion: 105 Resp: 369418
 Ion Ratio Lower Upper
 105 100
 120 49.8 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 21.450 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY003311.D

Acq: 23 Jul 2020 12:56

Instrument :

MSVOA_Y

ClientSampleId :

VY0723SBS01

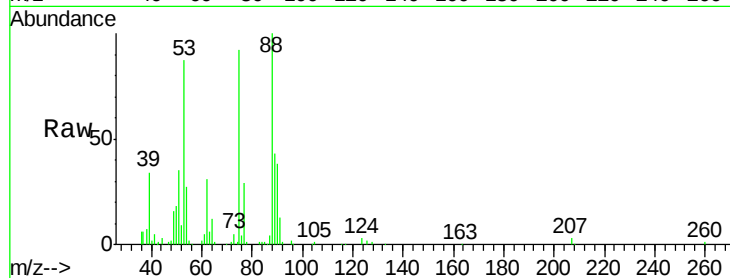
Tot Ion: 75 Resp: 30590

Ion Ratio Lower Upper

75 100

53 92.1 72.0 108.0

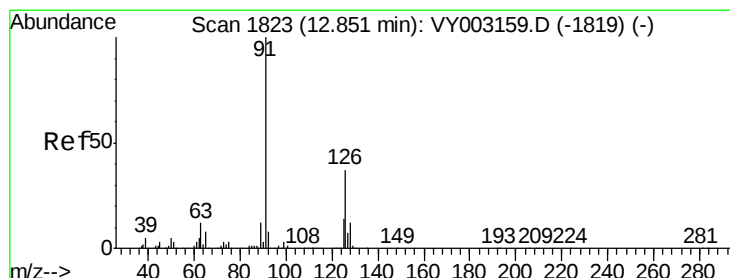
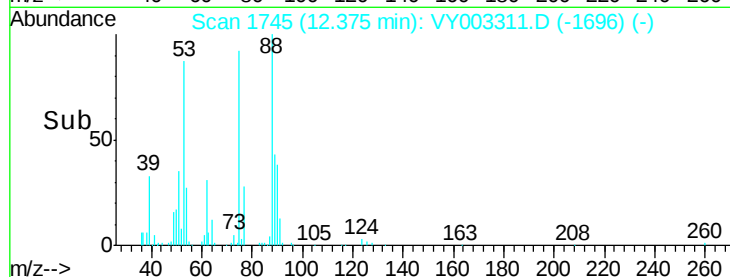
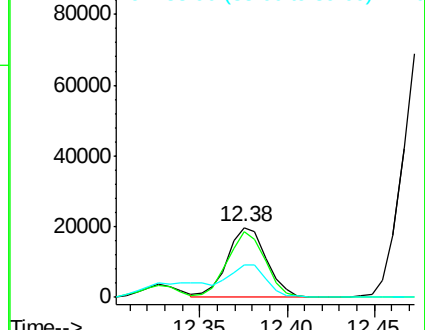
89 46.4 37.3 55.9



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 22.048 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.00 min

Lab File: VY003311.D

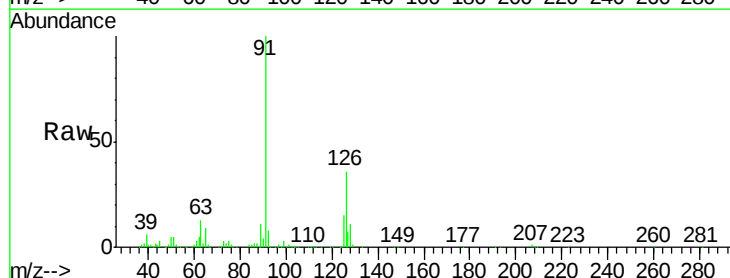
Acq: 23 Jul 2020 12:56

Tgt Ion: 91 Resp: 302425

Ion Ratio Lower Upper

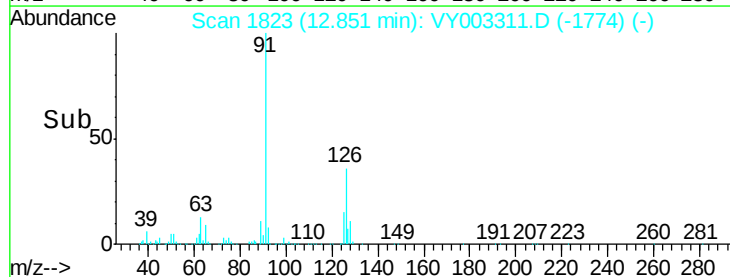
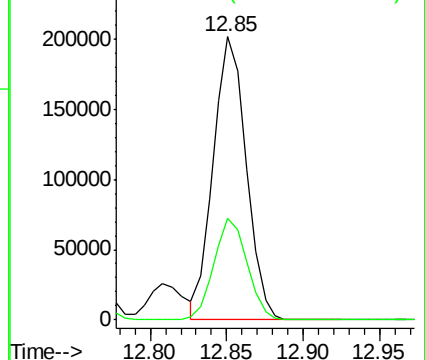
91 100

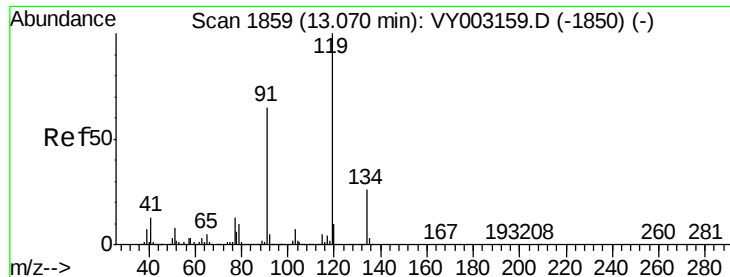
126 36.3 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 22.258 ug/l

RT: 13.07 min Scan# 1859

Delta R.T. -0.00 min

Lab File: VY003311.D

Acq: 23 Jul 2020 12:56

Instrument :

MSVOA_Y

ClientSampleId :

VY0723SBS01

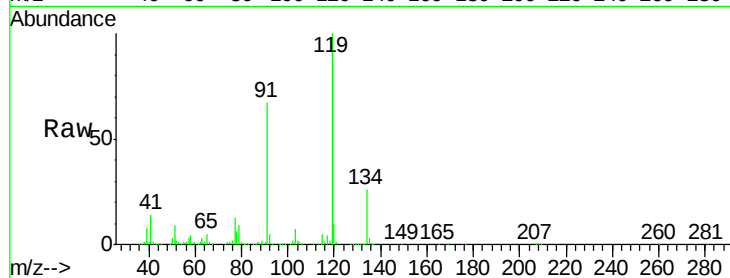
Tot Ion:119 Resp: 327080

Ion Ratio Lower Upper

119 100

91 62.1 30.8 92.4

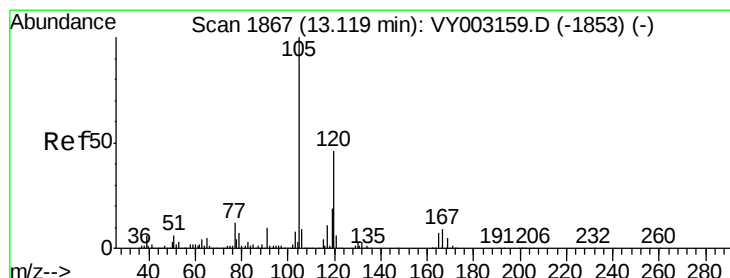
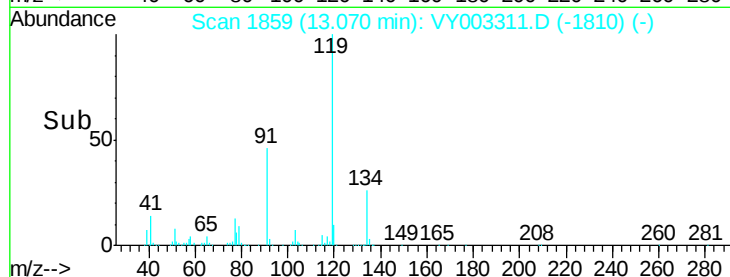
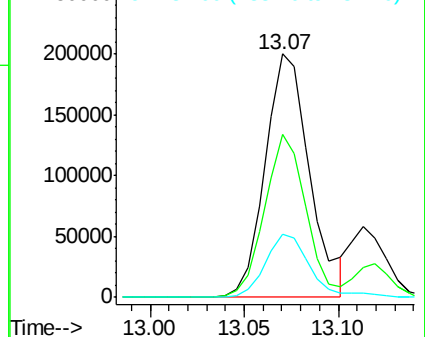
134 26.4 13.2 39.6



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: 21.959 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VY003311.D

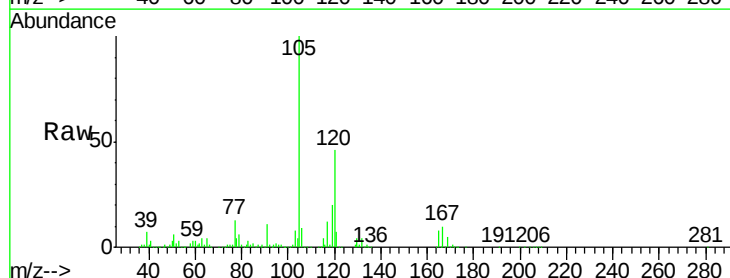
Acq: 23 Jul 2020 12:56

Tgt Ion:105 Resp: 367962

Ion Ratio Lower Upper

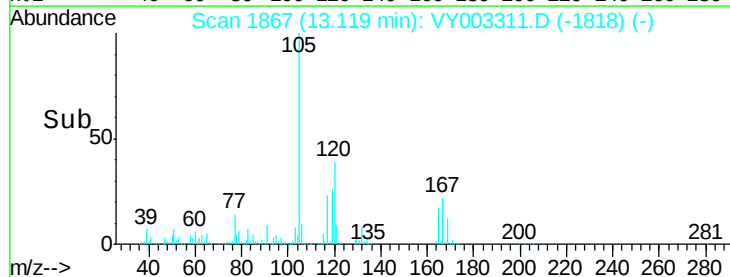
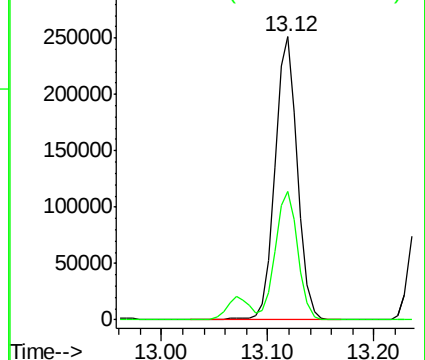
105 100

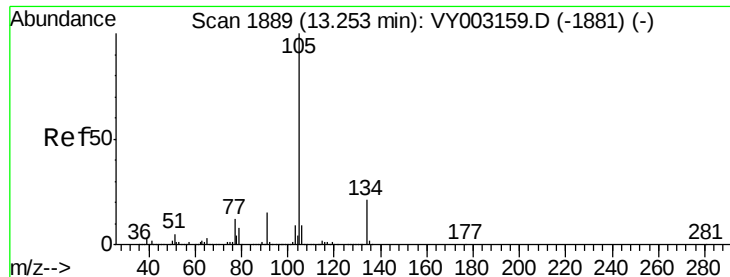
120 45.7 22.5 67.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 22.277 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY003311.D

Acq: 23 Jul 2020 12:56

Instrument :

MSVOA_Y

ClientSampleId :

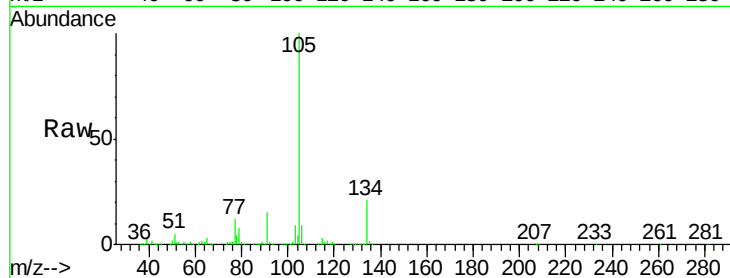
VY0723SBS01

Tot Ion:105 Resp: 449925

Ion Ratio Lower Upper

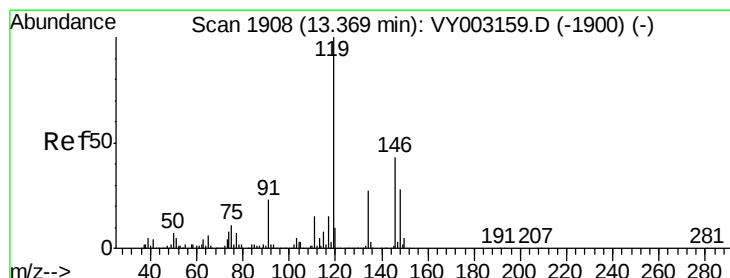
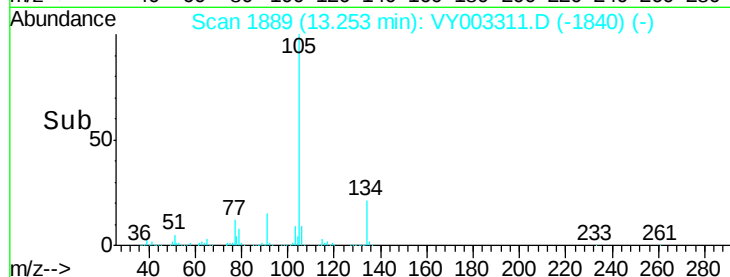
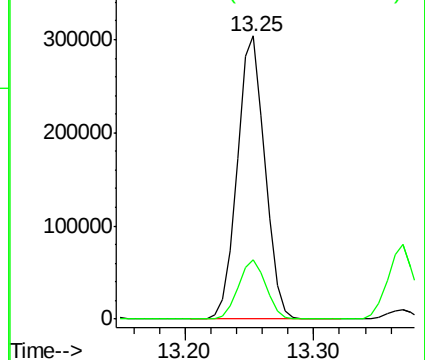
105 100

134 21.1 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.986 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY003311.D

Acq: 23 Jul 2020 12:56

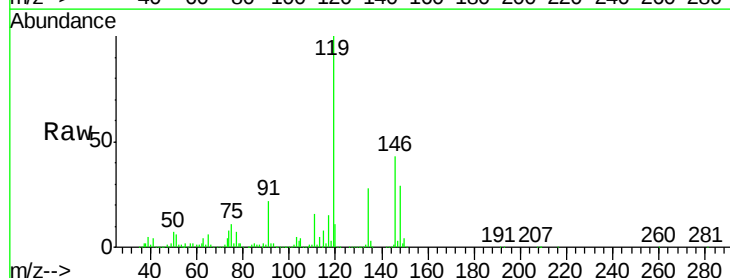
Tgt Ion:119 Resp: 414619

Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.2

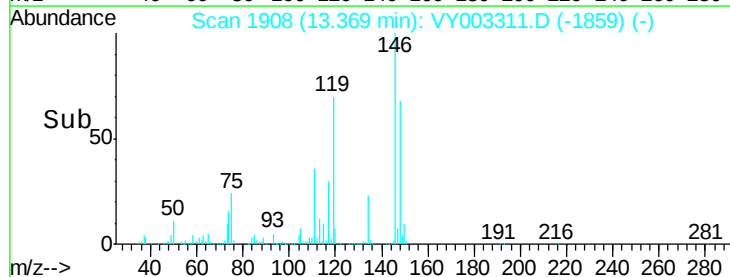
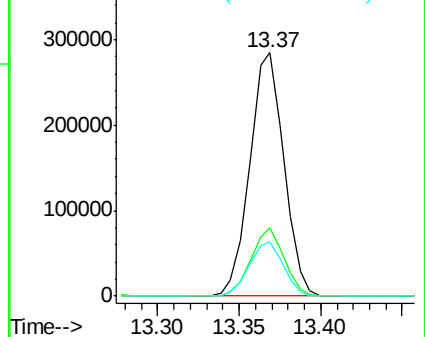
91 22.5 11.2 33.6



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: 22.023 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.00 min

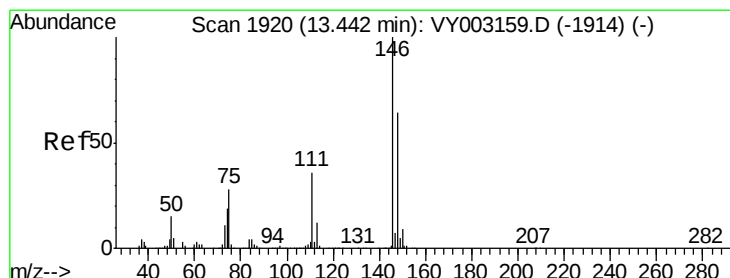
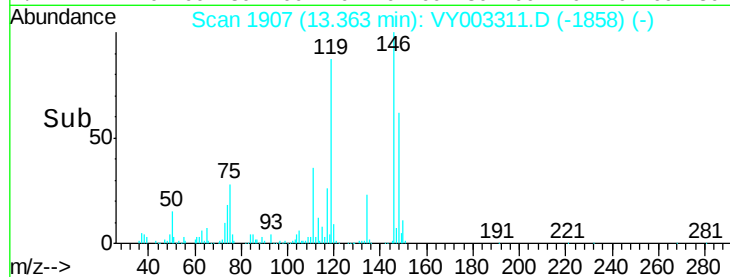
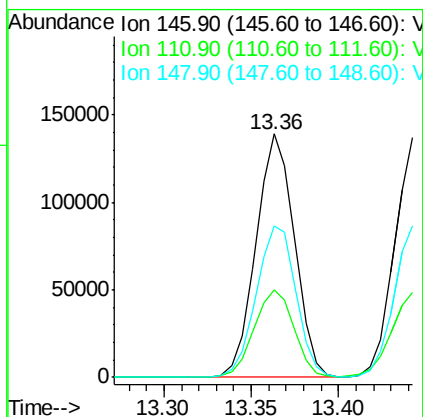
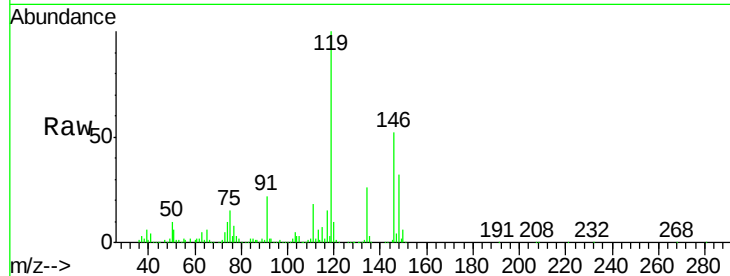
Lab File: VY003311.D

Acq: 23 Jul 2020 12:56

Instrument :
MSVOA_Y
ClientSampleId :
VY0723SBS01

Tot Ion:146 Resp: 212118

Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.8	56.3
148	64.3	32.3	96.9



#88

1,4-Dichlorobenzene

Concen: 22.114 ug/l

RT: 13.44 min Scan# 1920

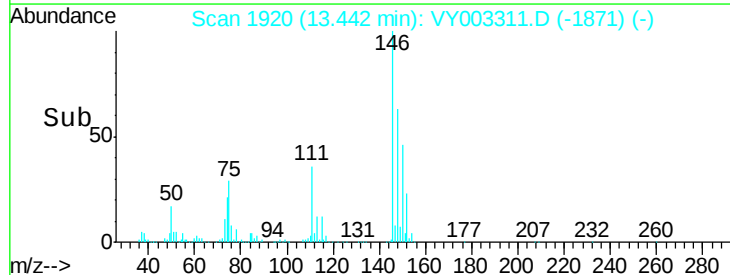
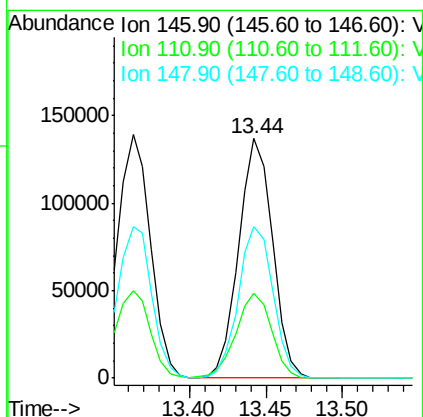
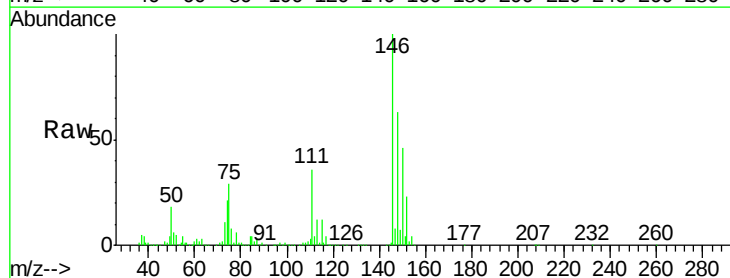
Delta R.T. -0.00 min

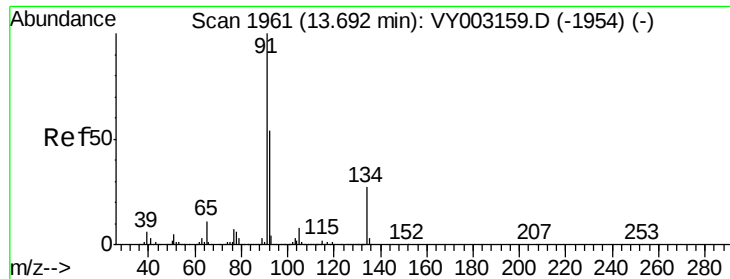
Lab File: VY003311.D

Acq: 23 Jul 2020 12:56

Tgt Ion:146 Resp: 210876

Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.4	55.0
148	64.8	32.0	96.0

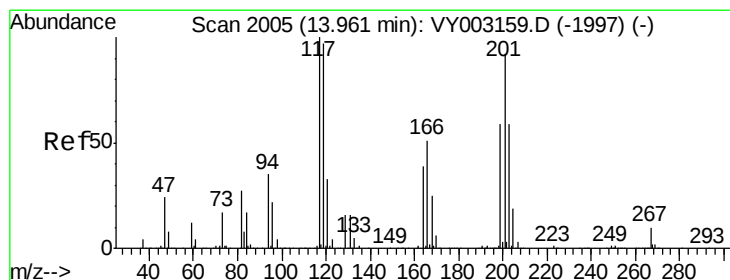
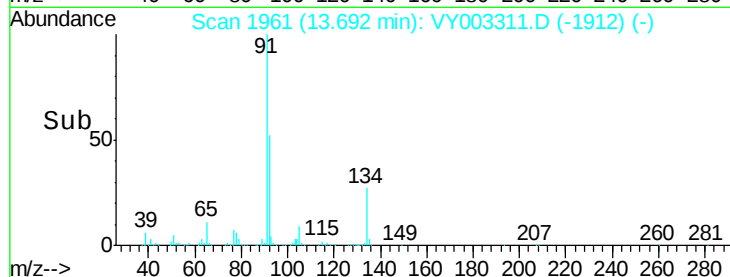
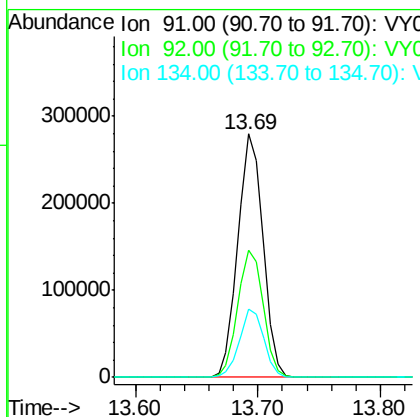
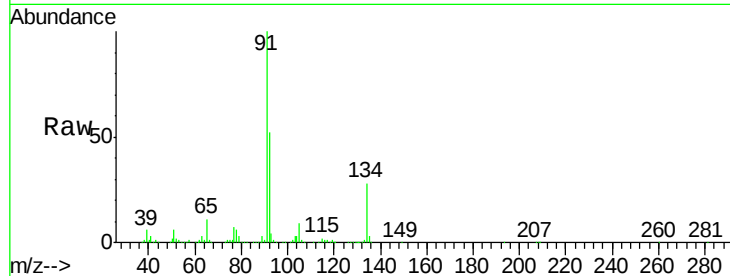




#89
n-Butylbenzene
Concen: 22.397 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY003311.D
Acq: 23 Jul 2020 12:56

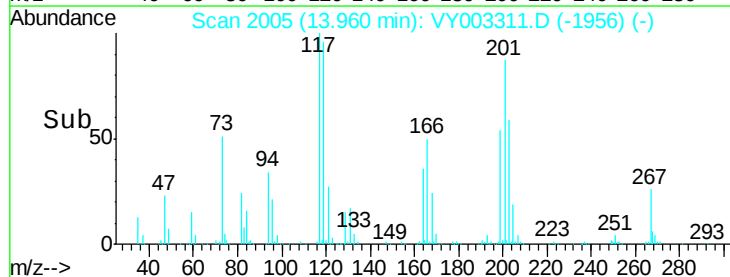
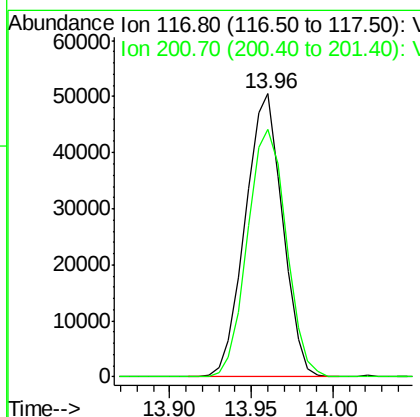
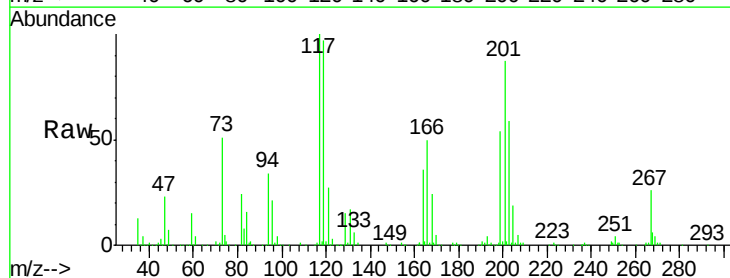
Instrument :
MSVOA_Y
ClientSampleId :
VY0723SBS01

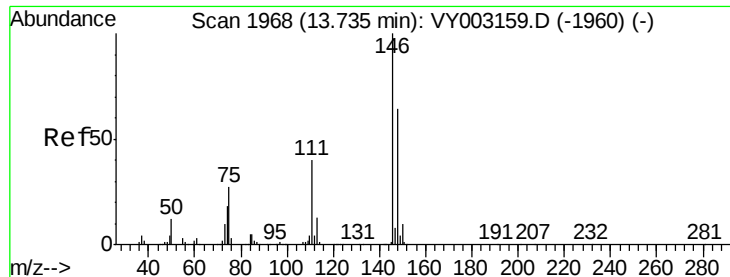
Tot Ion: 91 Resp: 397290
Ion Ratio Lower Upper
91 100
92 52.8 26.9 80.7
134 27.0 13.6 40.7



#90
Hexachloroethane
Concen: 23.473 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY003311.D
Acq: 23 Jul 2020 12:56

Tgt Ion: 117 Resp: 80613
Ion Ratio Lower Upper
117 100
201 90.9 45.1 135.3





#91

1,2-Dichlorobenzene

Concen: 22.529 ug/l

RT: 13.73 min Scan# 1968

Delta R.T. -0.00 min

Lab File: VY003311.D

Acq: 23 Jul 2020 12:56

Instrument :

MSVOA_Y

ClientSampleId :

VY0723SBS01

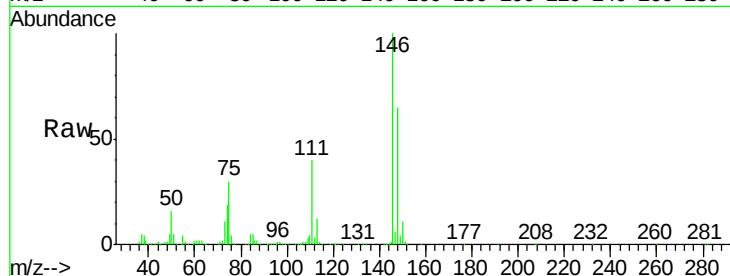
Tot Ion:146 Resp: 190430

Ion Ratio Lower Upper

146 100

111 39.4 19.6 58.8

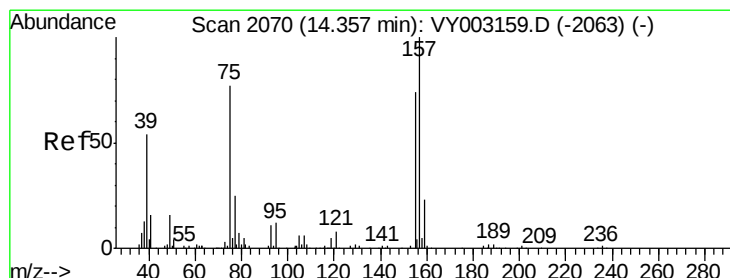
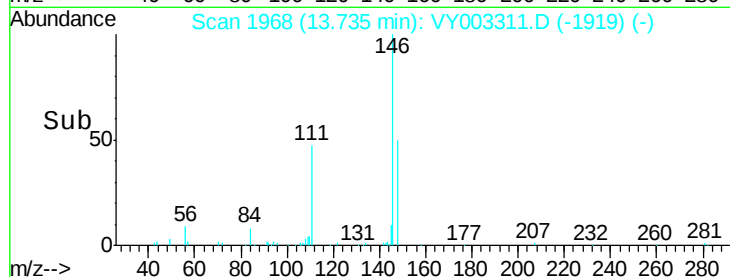
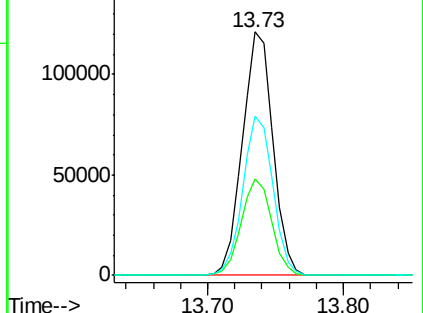
148 64.4 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 22.691 ug/l

RT: 14.35 min Scan# 2069

Delta R.T. -0.01 min

Lab File: VY003311.D

Acq: 23 Jul 2020 12:56

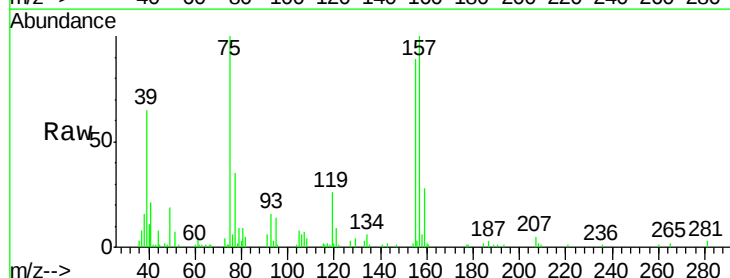
Tgt Ion: 75 Resp: 14197

Ion Ratio Lower Upper

75 100

155 97.0 48.1 144.3

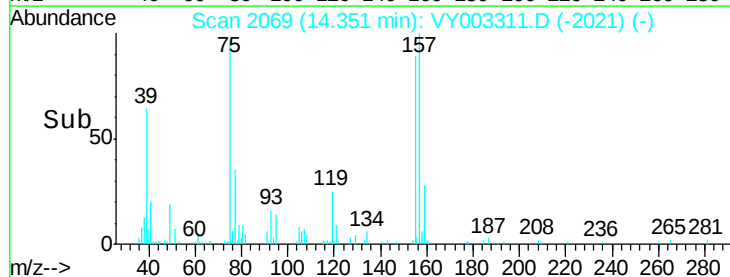
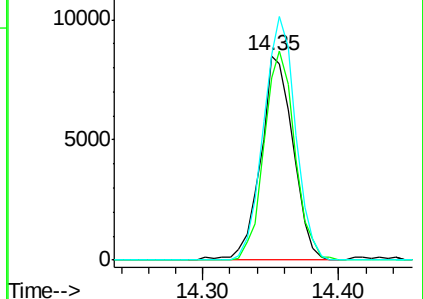
157 116.7 61.9 185.6

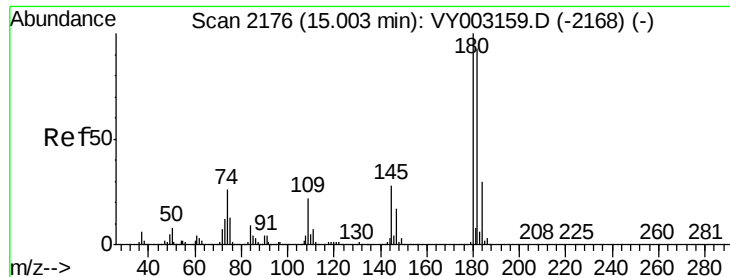


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

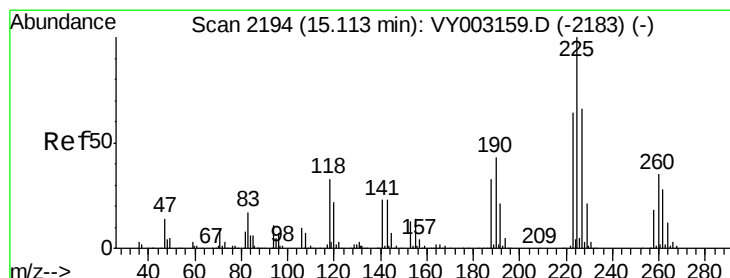
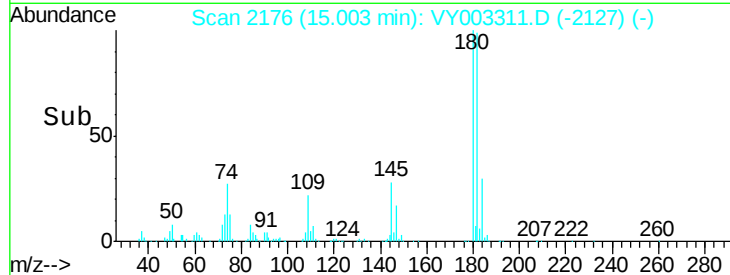
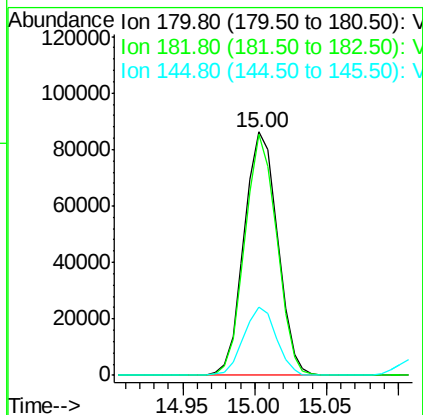
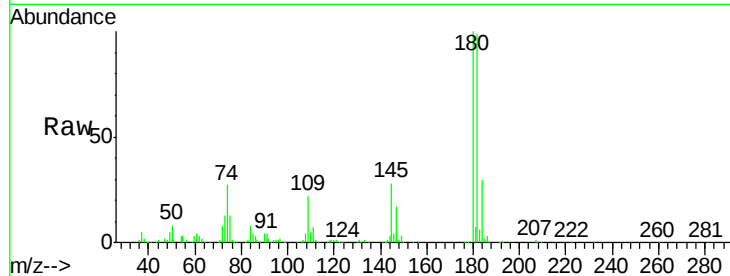




#93
 1,2,4-Trichlorobenzene
 Concen: 23.090 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY003311.D
 Acq: 23 Jul 2020 12:56

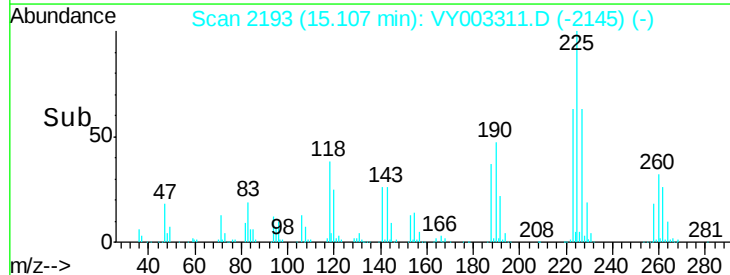
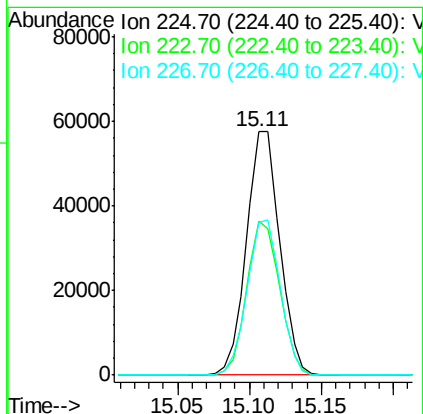
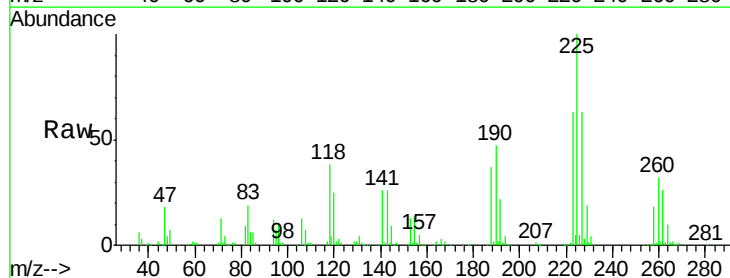
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0723SBS01

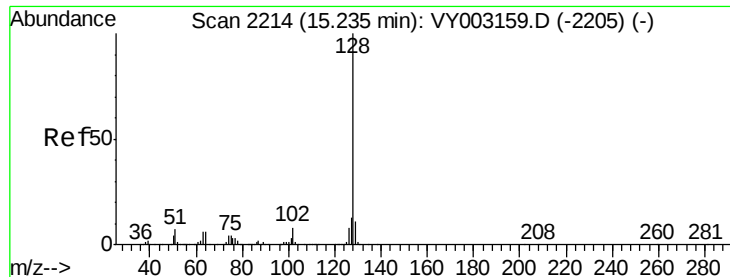
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.3	47.3	142.0
145	27.4	13.7	41.1



#94
 Hexachlorobutadiene
 Concen: 22.248 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: VY003311.D
 Acq: 23 Jul 2020 12:56

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	31.6	94.7
227	63.5	32.3	96.8

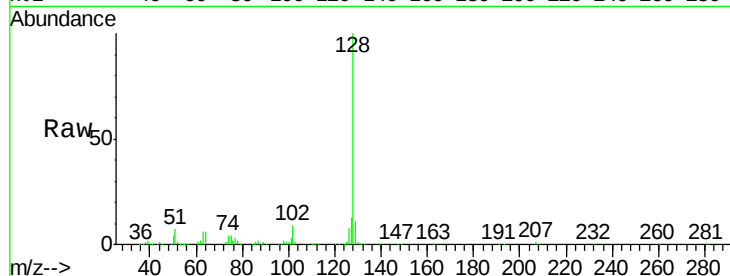




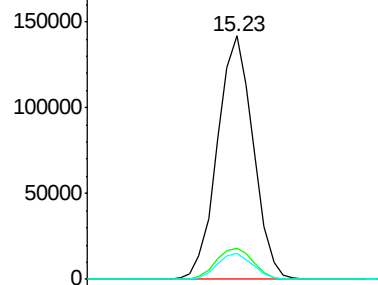
#95
Naphthalene
Concen: 23.266 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY003311.D
Acq: 23 Jul 2020 12:56

Instrument :
MSVOA_Y
ClientSampleId :
VY0723SBS01

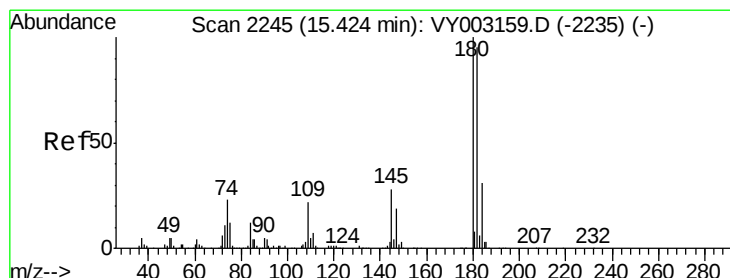
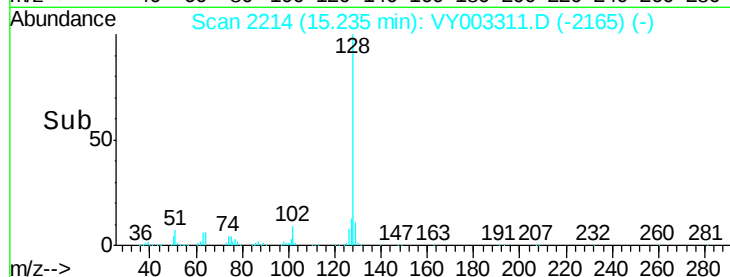
Tot Ion:128 Resp: 231217
Ion Ratio Lower Upper
128 100
127 13.4 10.9 16.3
129 10.7 9.0 13.6



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

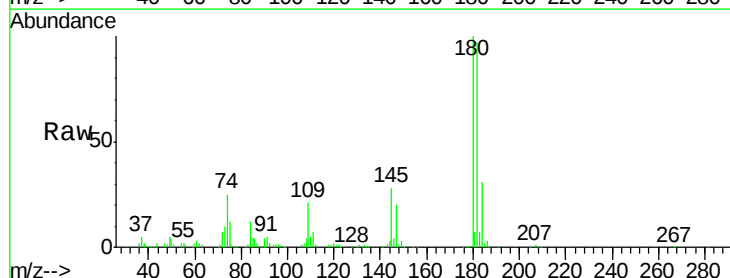


Time--> 15.15 15.20 15.25 15.30

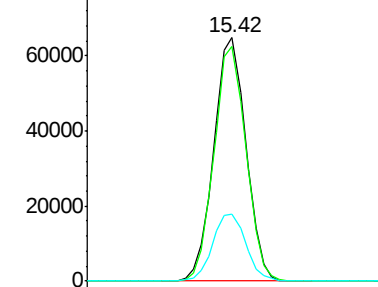


#96
1,2,3-Trichlorobenzene
Concen: 23.517 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY003311.D
Acq: 23 Jul 2020 12:56

Tgt Ion:180 Resp: 111788
Ion Ratio Lower Upper
180 100
182 95.7 48.8 146.3
145 28.5 14.9 44.5



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



Time--> 15.40 15.50

