

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY061820\
 Data File : VY002918.D
 Acq On : 18 Jun 2020 14:36
 Operator : SY/MD
 Sample : VY0618SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0618SBS01

Quant Time: Jun 19 05:03:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 13:13:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	304479	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	447004	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	417274	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	226390	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	121782	46.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.12%	
35) Dibromofluoromethane	7.72	113	127181	48.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.10%	
50) Toluene-d8	10.18	98	474080	44.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.52%	
62) 4-Bromofluorobenzene	12.48	95	174742	48.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.54%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.91	85	38892	18.564	ug/l	92
3) Chloromethane	2.12	50	45457	19.616	ug/l	100
4) Vinyl Chloride	2.26	62	48464	19.786	ug/l	99
5) Bromomethane	2.65	94	36539	19.906	ug/l	93
6) Chloroethane	2.79	64	32789	20.650	ug/l	100
7) Trichlorofluoromethane	3.13	101	93952	21.658	ug/l	96
8) Diethyl Ether	3.54	74	34160	20.167	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.90	101	58290	22.631	ug/l	100
10) Methyl Iodide	4.10	142	74367	20.634	ug/l	100
11) Tert butyl alcohol	4.97	59	33862	112.129	ug/l	99
12) 1,1-Dichloroethene	3.88	96	55510	21.430	ug/l	98
13) Acrolein	3.74	56	19822	63.980	ug/l	99
14) Allyl chloride	4.49	41	79603	21.427	ug/l	99
15) Acrylonitrile	5.18	53	83035	108.661	ug/l	100
16) Acetone	3.96	43	67988	109.672	ug/l	94
17) Carbon Disulfide	4.20	76	148362	18.954	ug/l	99
18) Methyl Acetate	4.49	43	40488	25.555	ug/l	100
19) Methyl tert-butyl Ether	5.23	73	156412	21.873	ug/l	99
20) Methylene Chloride	4.72	84	75196	24.821	ug/l	99
21) trans-1,2-Dichloroethene	5.22	96	61551	21.130	ug/l	99
22) Diisopropyl ether	6.13	45	170550	22.092	ug/l	97
23) Vinyl Acetate	6.07	43	544514	106.832	ug/l	99
24) 1,1-Dichloroethane	6.03	63	99016	21.926	ug/l	100
25) 2-Butanone	7.00	43	104107	107.790	ug/l	100
26) 2,2-Dichloropropane	6.99	77	94189	21.747	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	69801	21.405	ug/l	99
28) Bromochloromethane	7.34	49	42271	22.801	ug/l	98
29) Tetrahydrofuran	7.36	42	67261	107.063	ug/l	99
30) Chloroform	7.52	83	105625	22.041	ug/l	96
31) Cyclohexane	7.78	56	89719	20.010	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	97236	21.775	ug/l	100
36) 1,1-Dichloropropene	7.93	75	80635	21.415	ug/l	100
37) Ethyl Acetate	7.08	43	45628	22.272	ug/l	99
38) Carbon Tetrachloride	7.91	117	91976	21.988	ug/l	97

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 Misc : 5.00G/5ML/MSVOA Y/SOIL
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Quant Time: Jun 19 05:03:35 2020
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 Quant Title : SW846 8260
 QLast Update : Wed May 27 13:13:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	102699	20.692	ug/l	97
40) Benzene	8.16	78	238859	21.468	ug/l	100
41) Methacrylonitrile	7.32	41	27619	25.094	ug/l #	35
42) 1,2-Dichloroethane	8.24	62	67604	21.681	ug/l	99
43) Isopropyl Acetate	8.28	43	84241	21.699	ug/l	99
44) Trichloroethene	8.94	130	74590	21.224	ug/l	97
45) 1,2-Dichloropropane	9.22	63	58679	21.992	ug/l	98
46) Dibromomethane	9.31	93	34446	21.738	ug/l	99
47) Bromodichloromethane	9.50	83	82428	22.065	ug/l	98
48) Methyl methacrylate	9.30	41	38201	21.797	ug/l	98
49) 1,4-Dioxane	9.30	88	9663	397.150	ug/l	96
51) 4-Methyl-2-Pentanone	10.07	43	224648	109.277	ug/l	98
52) Toluene	10.24	92	156163	21.455	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	89310	21.889	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	101629	21.982	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	52399	21.599	ug/l	98
56) Ethyl methacrylate	10.51	69	70513	21.701	ug/l	99
57) 1,3-Dichloropropane	10.79	76	87859	22.019	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	172104	108.397	ug/l	100
59) 2-Hexanone	10.83	43	158828	108.889	ug/l	100
60) Dibromochloromethane	10.99	129	68430	22.249	ug/l	99
61) 1,2-Dibromoethane	11.09	107	52039	21.746	ug/l	99
64) Tetrachloroethene	10.72	164	78741	20.763	ug/l	98
65) Chlorobenzene	11.52	112	177432	21.514	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	68247	21.971	ug/l	99
67) Ethyl Benzene	11.60	91	306777	21.456	ug/l	100
68) m/p-Xylenes	11.70	106	238605	43.042	ug/l	99
69) o-Xylene	12.03	106	112712	21.537	ug/l	100
70) Styrene	12.05	104	195602	21.561	ug/l	100
71) Bromoform	12.20	173	45199	21.747	ug/l #	100
73) Isopropylbenzene	12.33	105	311918	21.500	ug/l	100
74) N-amyl acetate	12.14	43	78819	21.174	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	57876	22.736	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	84308	41.329	ug/l #	100
77) Bromobenzene	12.61	156	79412	21.021	ug/l	98
78) n-propylbenzene	12.67	91	359624	21.459	ug/l	100
79) 2-Chlorotoluene	12.75	91	201173	21.400	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	260247	21.484	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	22861	21.114	ug/l	99
82) 4-Chlorotoluene	12.86	91	212480	21.573	ug/l	100
83) tert-Butylbenzene	13.08	119	235336	21.780	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	263770	21.656	ug/l	99
85) sec-Butylbenzene	13.25	105	319218	21.606	ug/l	99
86) p-Isopropyltoluene	13.37	119	298857	21.739	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	155067	21.670	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	153900	21.500	ug/l	99
89) n-Butylbenzene	13.69	91	270789	21.696	ug/l	99
90) Hexachloroethane	13.96	117	55722	21.651	ug/l	97
91) 1,2-Dichlorobenzene	13.74	146	141385	21.787	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	10933	22.324	ug/l	94

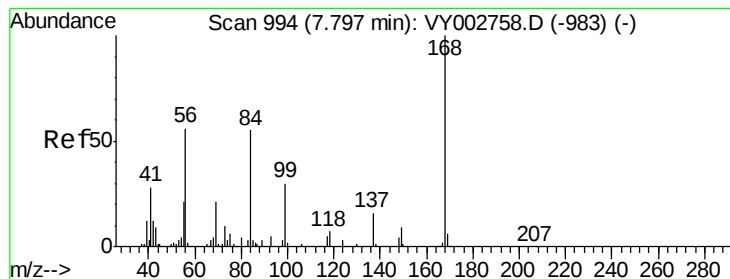
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY061820\
Data File : VY002918.D
Acq On : 18 Jun 2020 14:36
Operator : SY/MD
Sample : VY0618SBSD01
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Wed May 27 13:13:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	103596	21.179	ug/l	97
94) Hexachlorobutadiene	15.11	225	61400	22.131	ug/l	99
95) Naphthalene	15.23	128	205837	20.988	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	94791	21.701	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002918.D

Acq: 18 Jun 2020 14:36

Instrument :

MSVOA_Y

ClientSampleId :

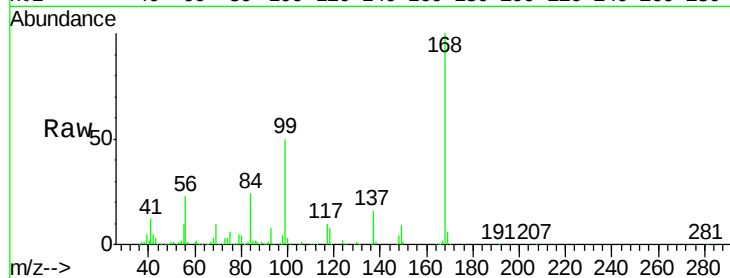
VY0618SBS01

Tot Ion:168 Resp: 304479

Ion Ratio Lower Upper

168 100

99 50.4 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

7.80

150000

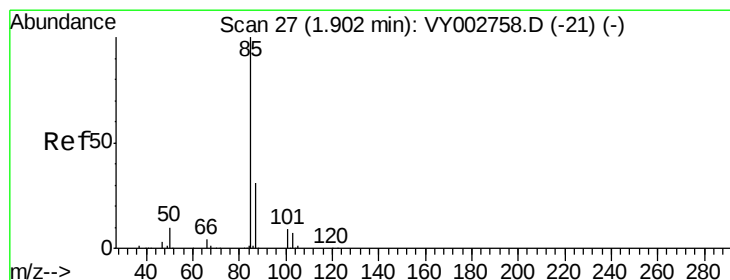
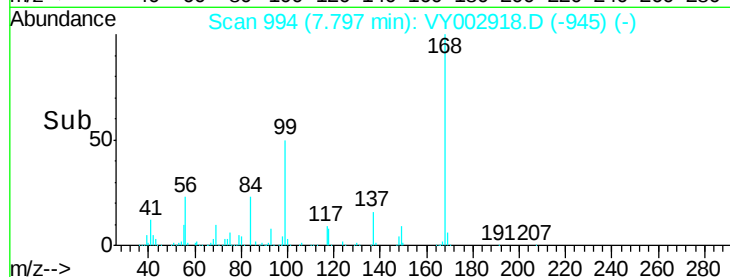
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 18.564 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY002918.D

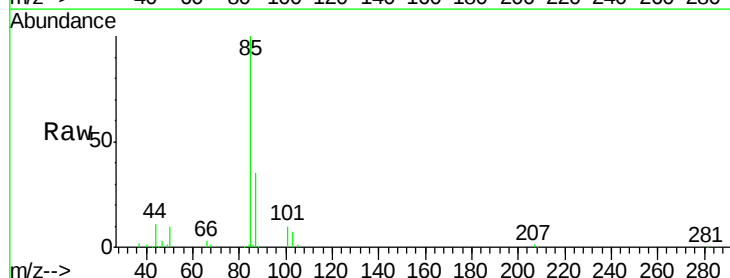
Acq: 18 Jun 2020 14:36

Tgt Ion: 85 Resp: 38892

Ion Ratio Lower Upper

85 100

87 35.3 15.5 46.5



Abundance Ion 84.90 (84.60 to 85.60): VY0

Ion 86.90 (86.60 to 87.60): VY0

1.91

30000

25000

20000

15000

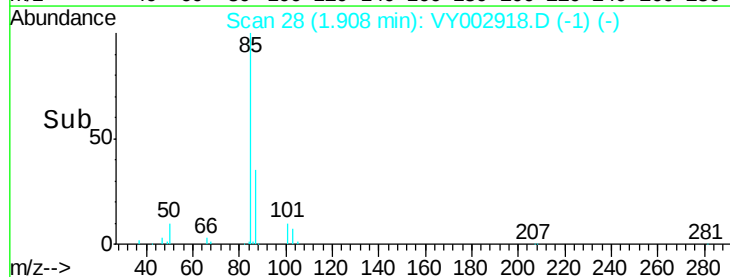
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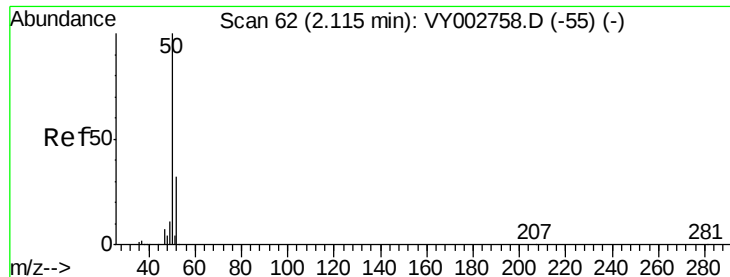
5000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 19.616 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY002918.D

Acq: 18 Jun 2020 14:36

Instrument :

MSVOA_Y

ClientSampleId :

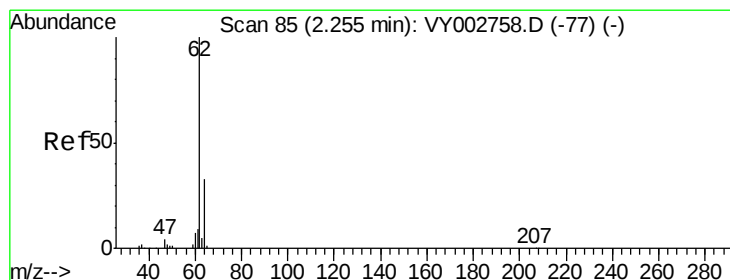
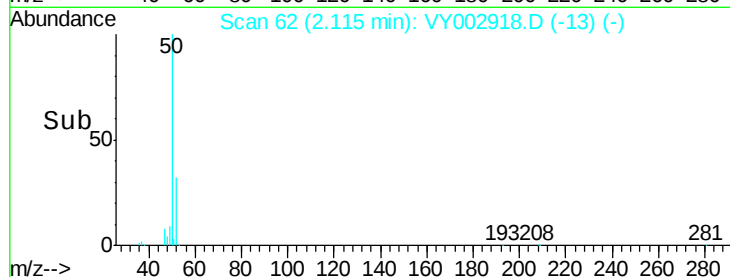
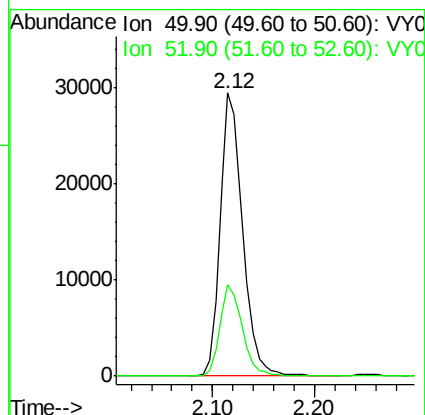
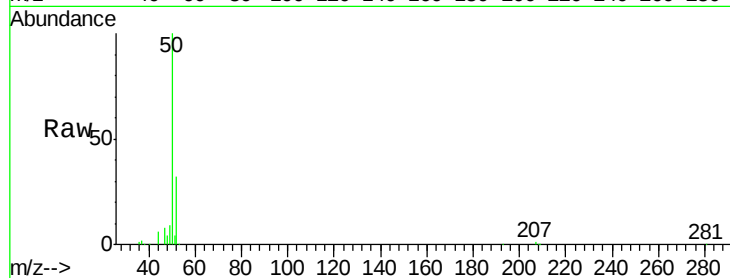
VY0618SBS01

Tot Ion: 50 Resp: 45457

Ion Ratio Lower Upper

50 100

52 32.3 25.8 38.6



#4

Vinyl Chloride

Concen: 19.786 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.00 min

Lab File: VY002918.D

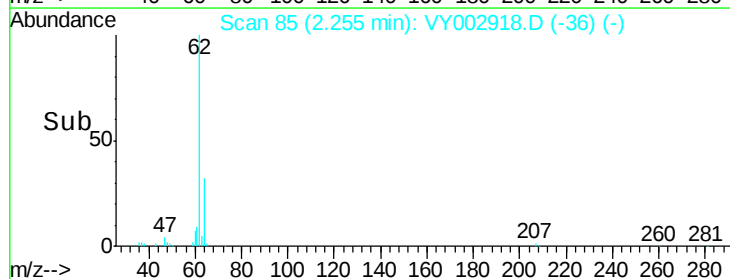
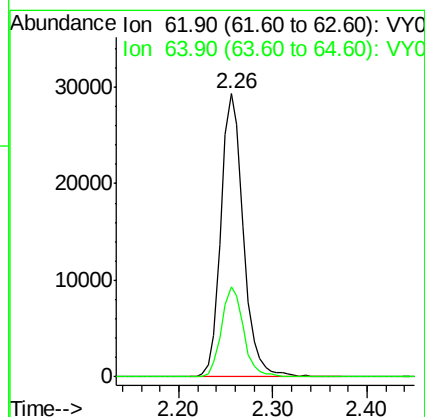
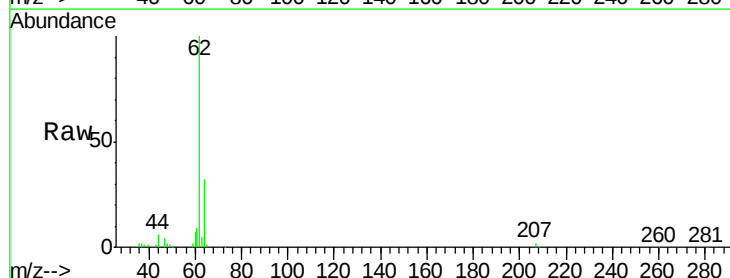
Acq: 18 Jun 2020 14:36

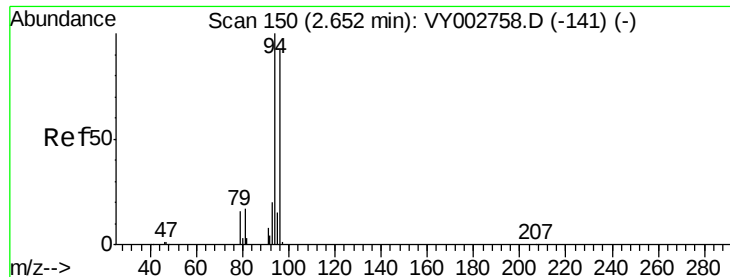
Tgt Ion: 62 Resp: 48464

Ion Ratio Lower Upper

62 100

64 31.8 26.1 39.1





#5

Bromomethane

Concen: 19.906 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY002918.D

Acq: 18 Jun 2020 14:36

Instrument :

MSVOA_Y

ClientSampleId :

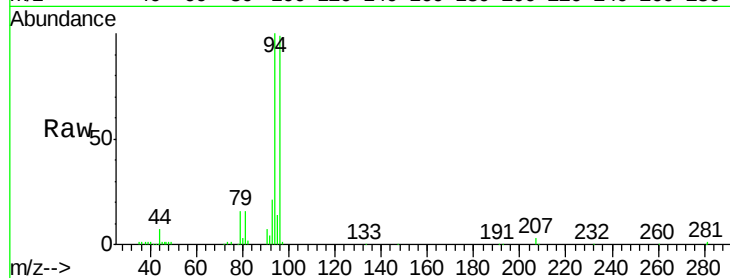
VY0618SBS01

Tot Ion: 94 Resp: 36539

Ion Ratio Lower Upper

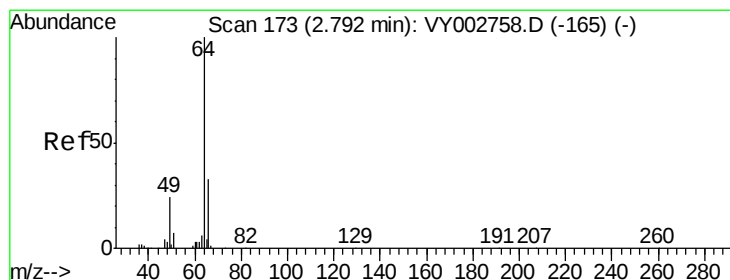
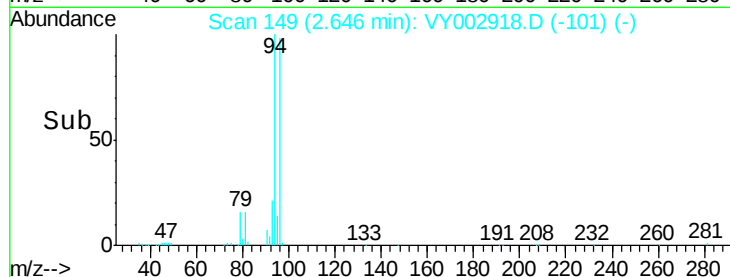
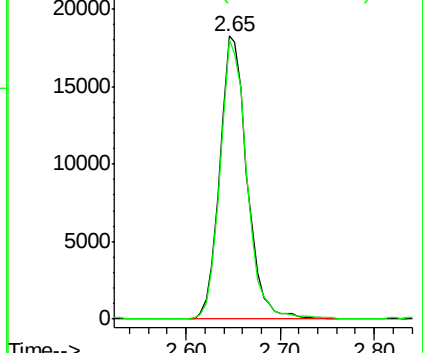
94 100

96 98.7 73.7 110.5



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 20.650 ug/l

RT: 2.79 min Scan# 173

Delta R.T. 0.00 min

Lab File: VY002918.D

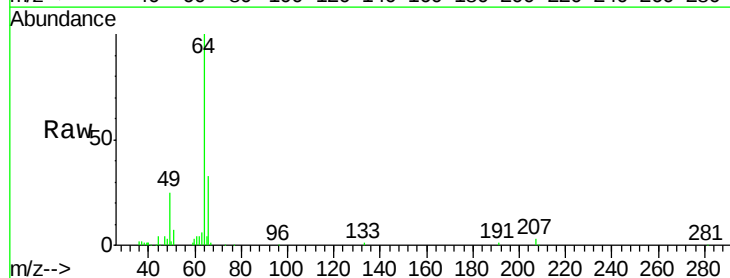
Acq: 18 Jun 2020 14:36

Tgt Ion: 64 Resp: 32789

Ion Ratio Lower Upper

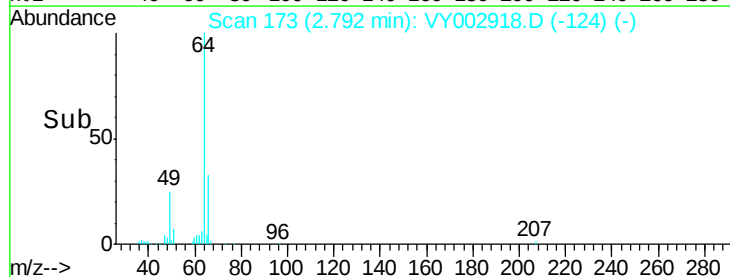
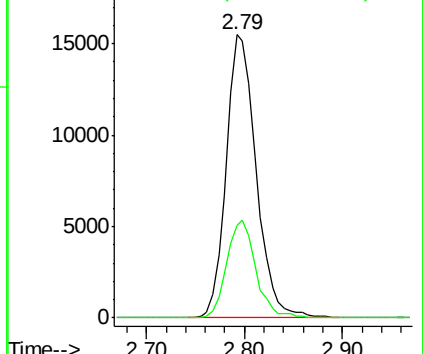
64 100

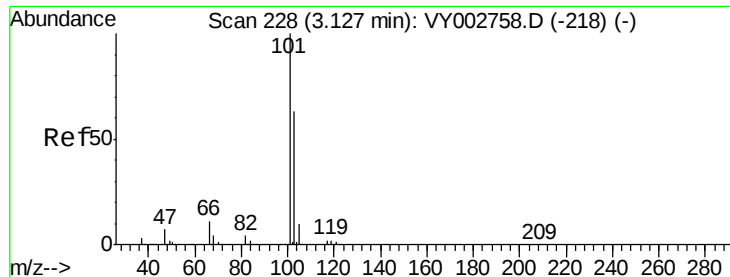
66 32.9 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



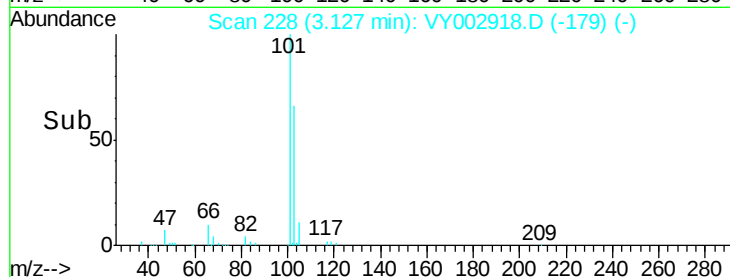
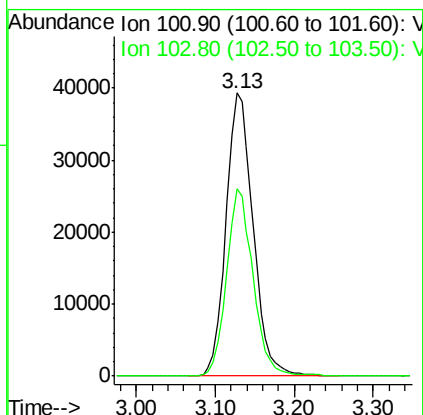
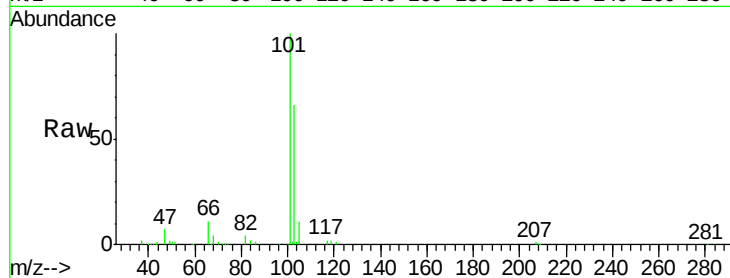


#7

Trichlorofluoromethane
Concen: 21.658 ug/l
RT: 3.13 min Scan# 228
Delta R.T. 0.00 min
Lab File: VY002918.D
Acq: 18 Jun 2020 14:36

Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

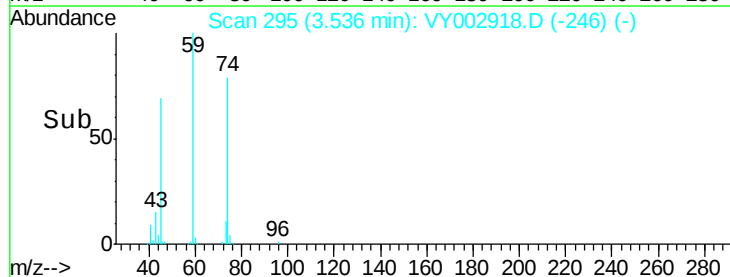
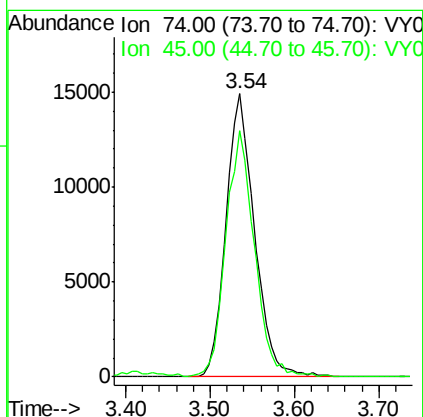
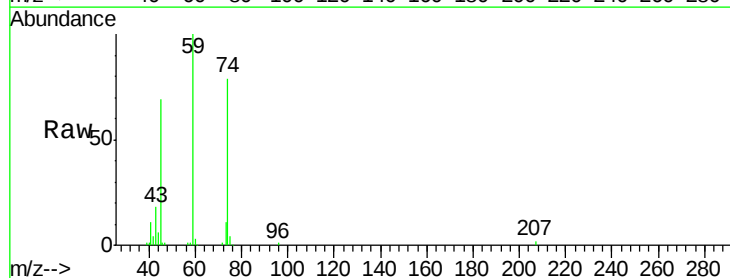
Tot Ion:101 Resp: 93952
Ion Ratio Lower Upper
101 100
103 66.1 50.6 76.0

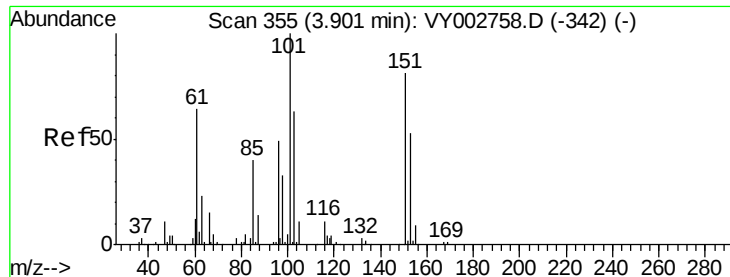


#8

Diethyl Ether
Concen: 20.167 ug/l
RT: 3.54 min Scan# 295
Delta R.T. 0.00 min
Lab File: VY002918.D
Acq: 18 Jun 2020 14:36

Tgt Ion: 74 Resp: 34160
Ion Ratio Lower Upper
74 100
45 87.6 44.0 131.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.631 ug/l

RT: 3.90 min Scan# 355

Delta R.T. 0.00 min

Lab File: VY002918.D

Acq: 18 Jun 2020 14:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0618SBS01

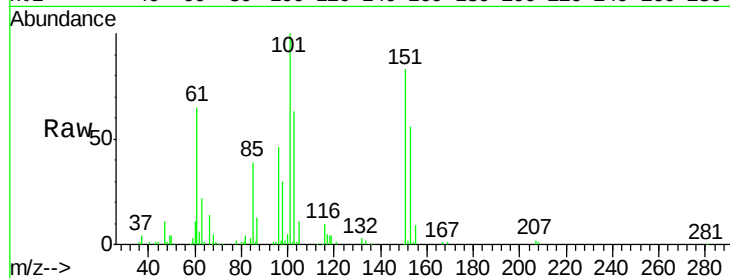
Tot Ion:101 Resp: 58290

Ion Ratio Lower Upper

101 100

85 40.6 32.7 49.1

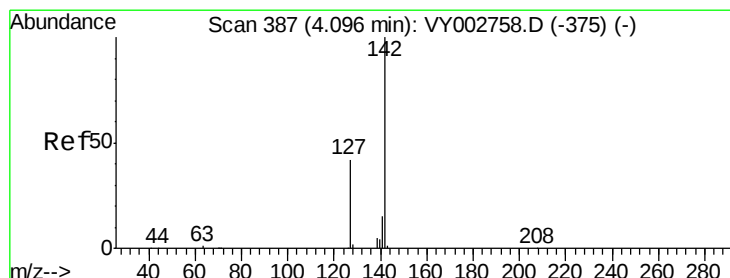
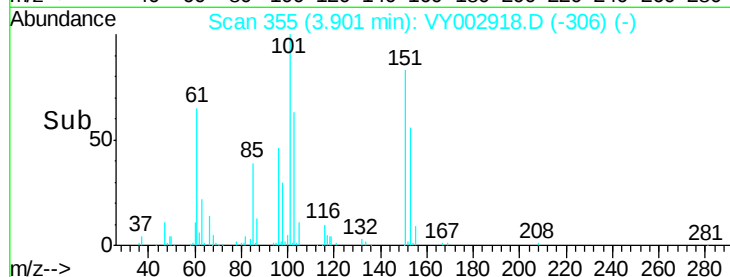
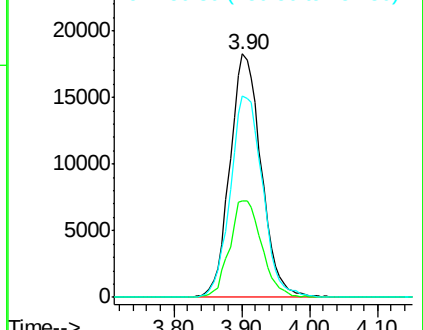
151 85.4 68.0 102.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.634 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY002918.D

Acq: 18 Jun 2020 14:36

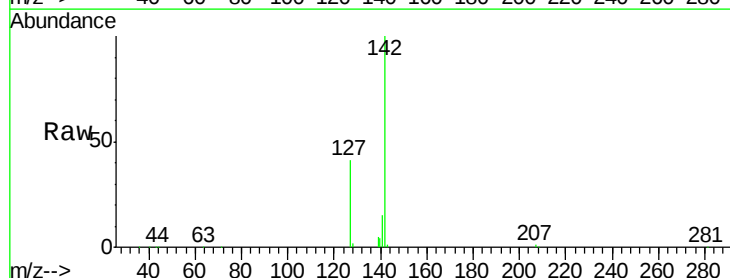
Tgt Ion:142 Resp: 74367

Ion Ratio Lower Upper

142 100

127 41.9 33.3 49.9

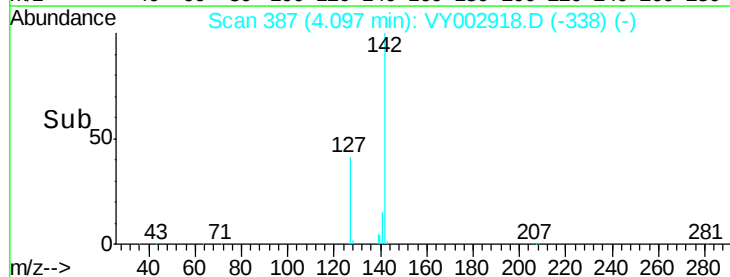
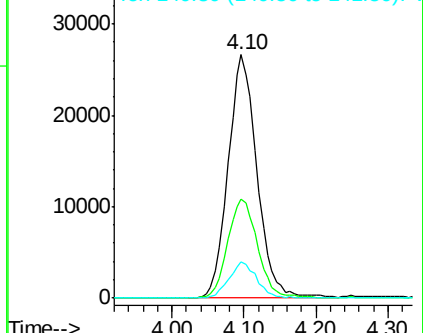
141 14.1 11.5 17.3



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

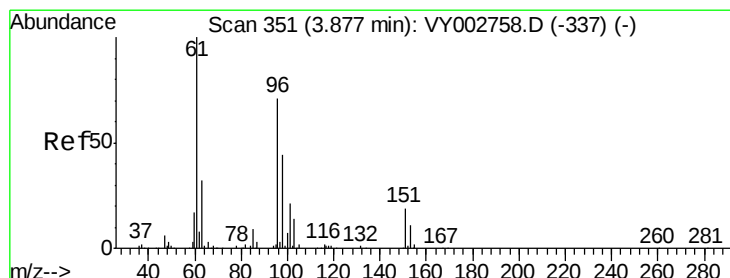
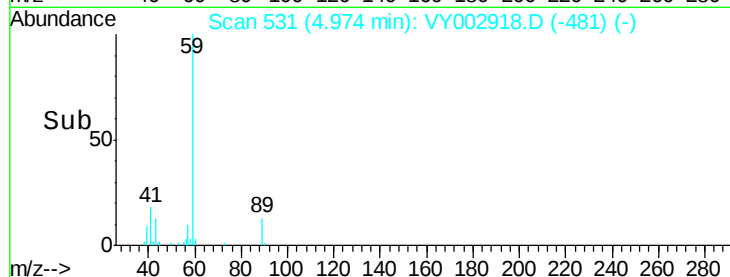
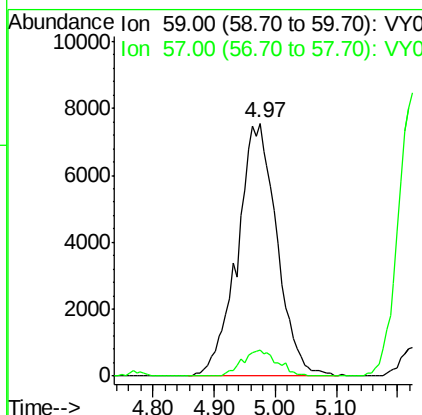
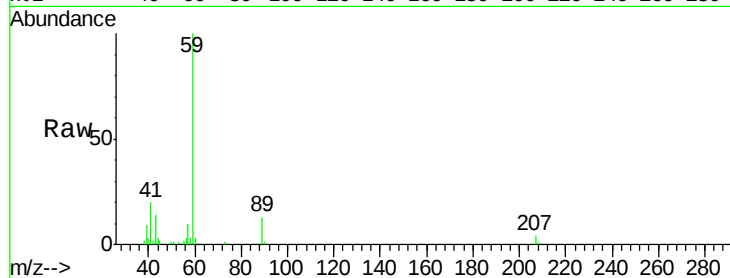




#11
Tert butyl alcohol
Concen: 112.129 ug/l
RT: 4.97 min Scan# 531
Delta R.T. 0.01 min
Lab File: VY002918.D
Acq: 18 Jun 2020 14:36

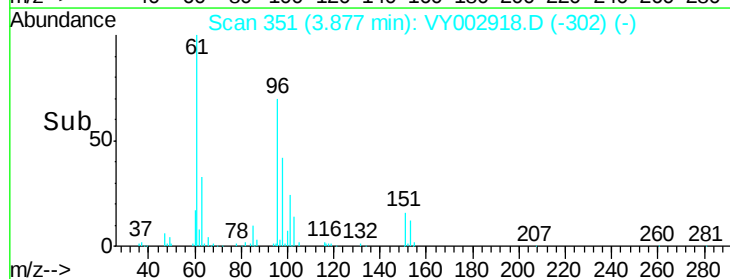
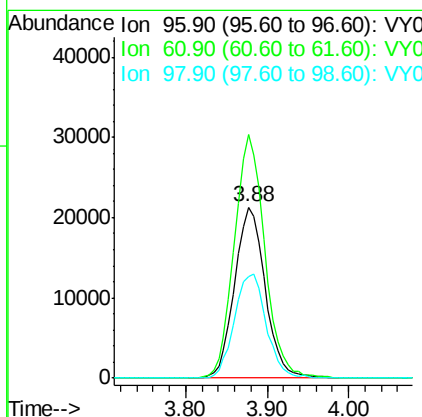
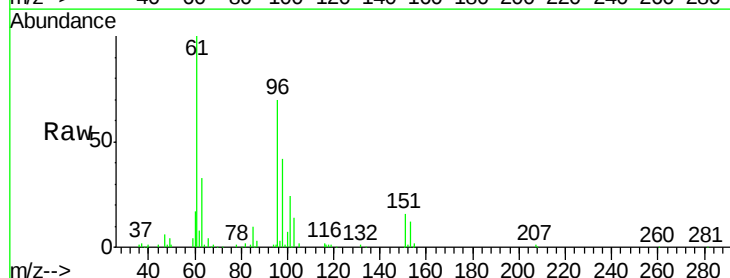
Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

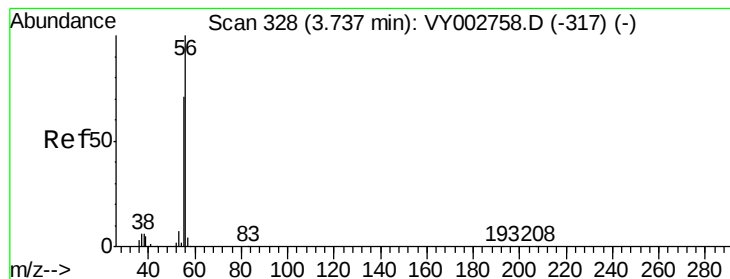
Tot Ion: 59 Resp: 33862
Ion Ratio Lower Upper
59 100
57 9.1 7.7 11.5



#12
1,1-Dichloroethene
Concen: 21.430 ug/l
RT: 3.88 min Scan# 351
Delta R.T. 0.00 min
Lab File: VY002918.D
Acq: 18 Jun 2020 14:36

Tgt Ion: 96 Resp: 55510
Ion Ratio Lower Upper
96 100
61 142.2 112.6 168.8
98 59.5 50.0 75.0





#13

Acrolein

Concen: 63.980 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY002918.D

Acq: 18 Jun 2020 14:36

Instrument :

MSVOA_Y

ClientSampleId :

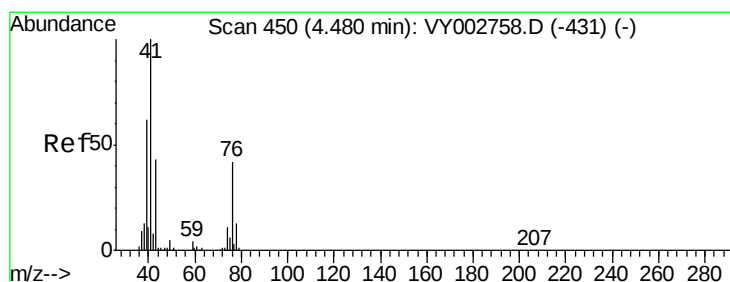
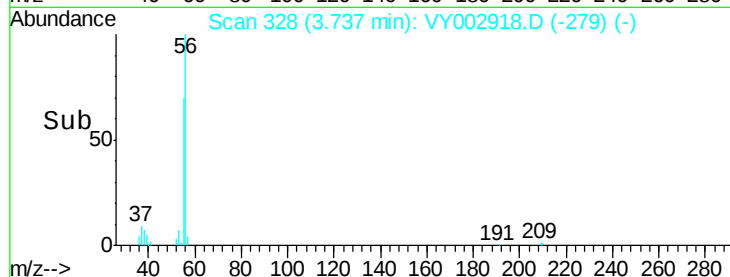
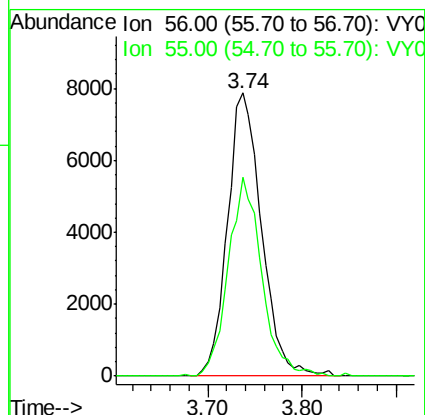
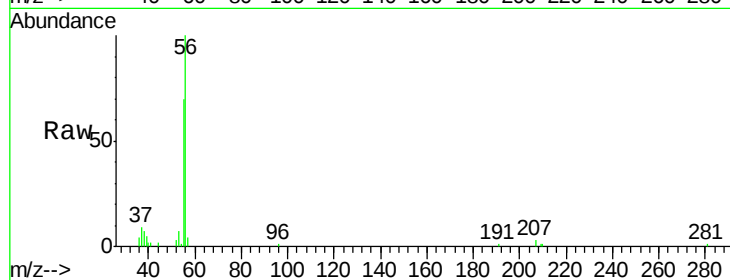
VY0618SBS01

Tot Ion: 56 Resp: 19822

Ion Ratio Lower Upper

56 100

55 68.8 56.0 84.0



#14

Allyl chloride

Concen: 21.427 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY002918.D

Acq: 18 Jun 2020 14:36

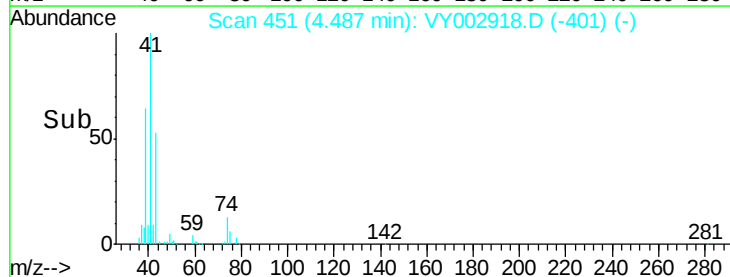
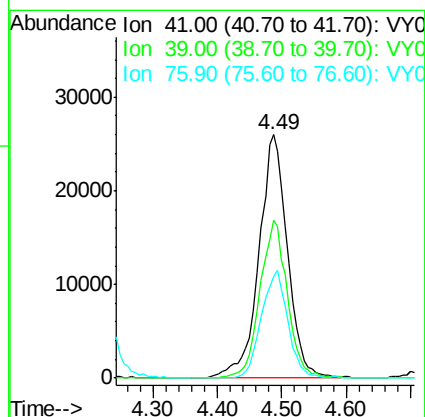
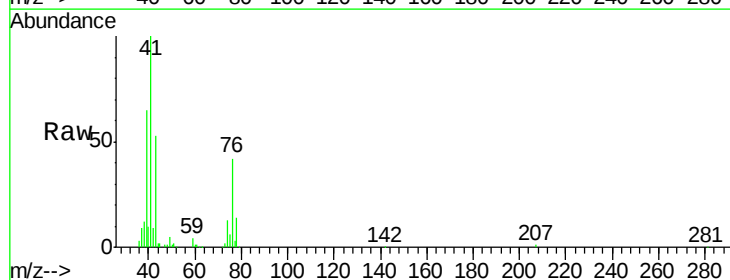
Tgt Ion: 41 Resp: 79603

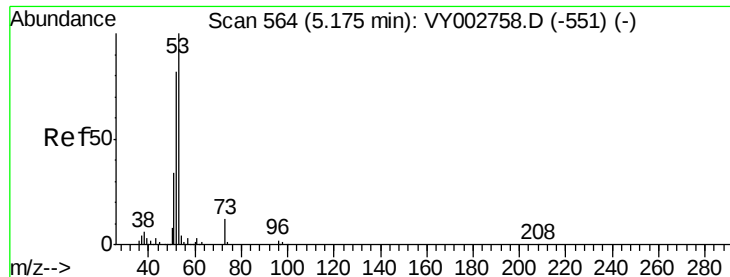
Ion Ratio Lower Upper

41 100

39 62.2 49.9 74.9

76 40.9 33.2 49.8





#15

Acrylonitrile

Concen: 108.661 ug/l

RT: 5.18 min Scan# 565

Delta R.T. 0.01 min

Lab File: VY002918.D

Acq: 18 Jun 2020 14:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0618SBS01

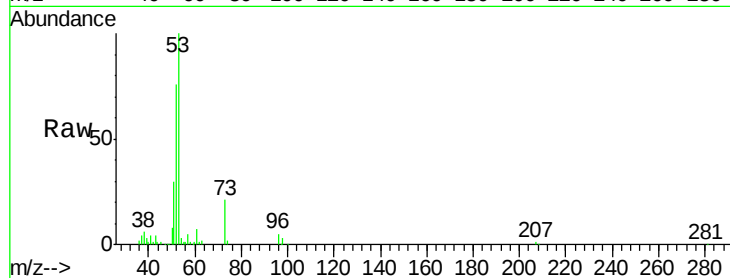
Tot Ion: 53 Resp: 83035

Ion Ratio Lower Upper

53 100

52 81.3 65.3 97.9

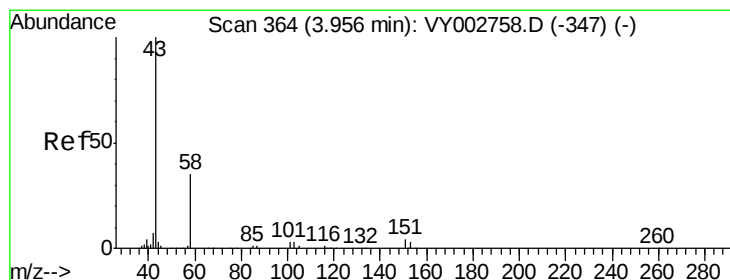
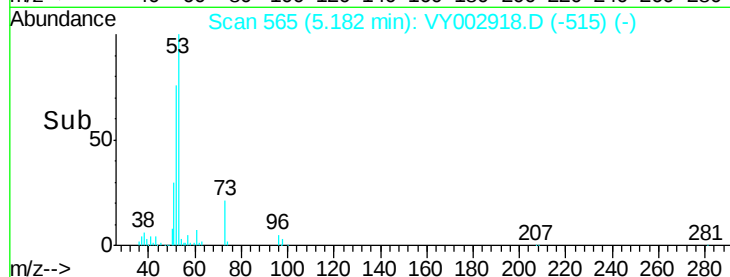
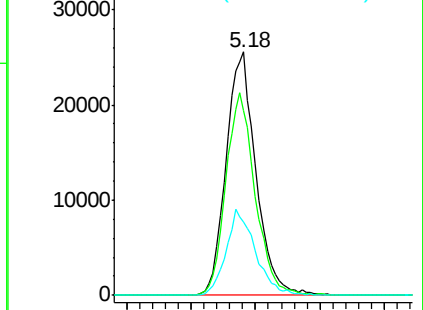
51 34.8 28.0 42.0



Abundance Ion 53.00 (52.70 to 53.70): VY0

Ion 52.00 (51.70 to 52.70): VY0

Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 109.672 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.00 min

Lab File: VY002918.D

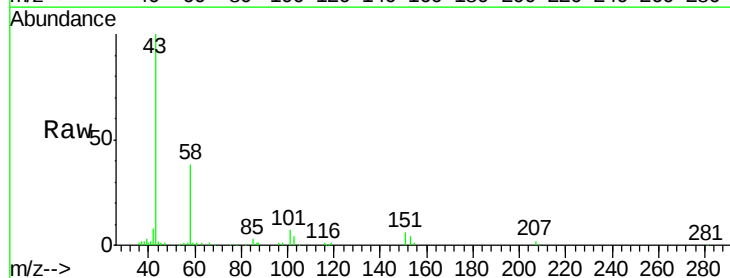
Acq: 18 Jun 2020 14:36

Tgt Ion: 43 Resp: 67988

Ion Ratio Lower Upper

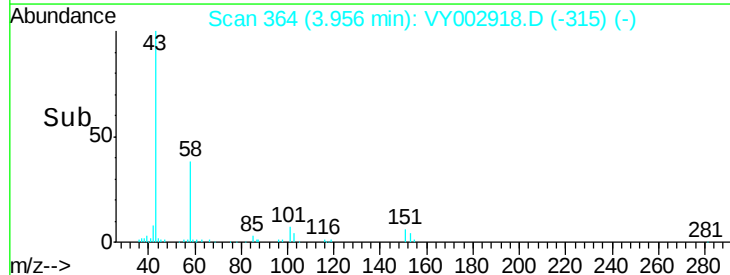
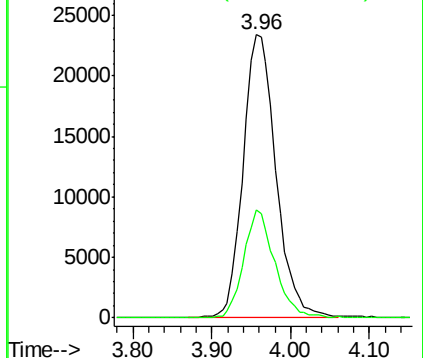
43 100

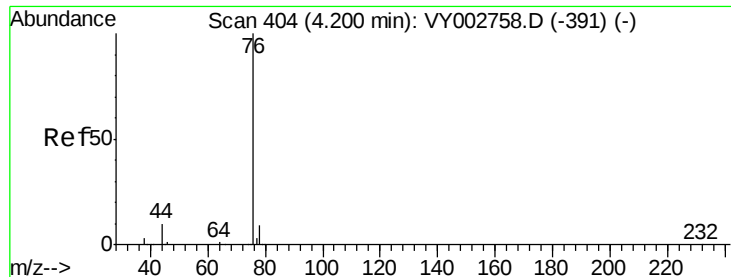
58 38.2 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0





#17

Carbon Disulfide

Concen: 18.954 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: VY002918.D

Acq: 18 Jun 2020 14:36

Instrument :

MSVOA_Y

ClientSampleId :

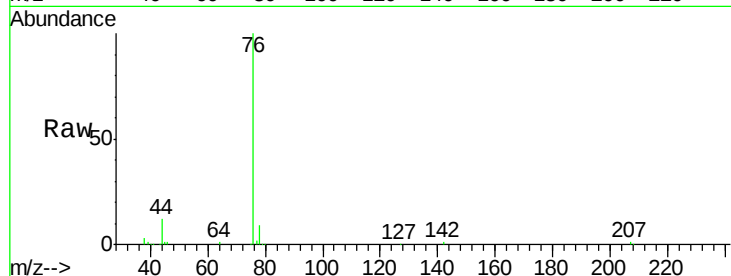
VY0618SBS01

Tot Ion: 76 Resp: 148362

Ion Ratio Lower Upper

76 100

78 9.1 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

4.20

60000

50000

40000

30000

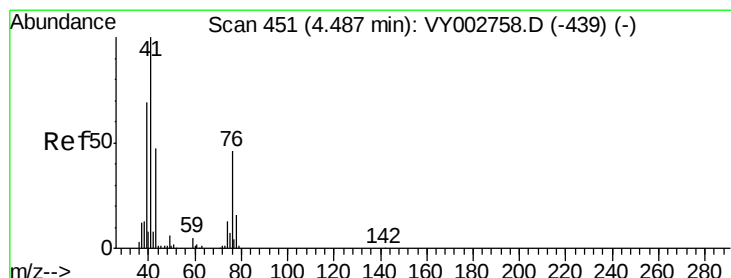
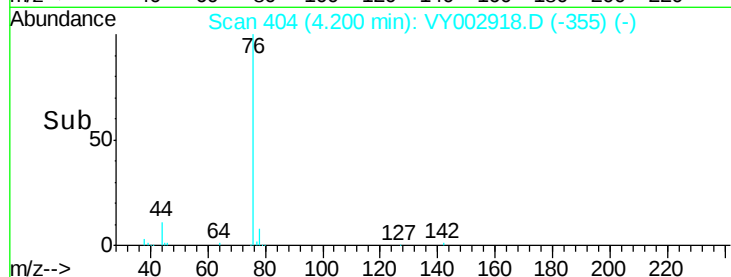
20000

10000

0

Time-->

4.10 4.20 4.30 4.40



#18

Methyl Acetate

Concen: 25.555 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY002918.D

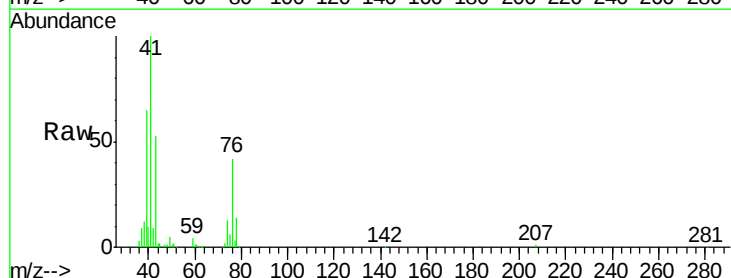
Acq: 18 Jun 2020 14:36

Tgt Ion: 43 Resp: 40488

Ion Ratio Lower Upper

43 100

74 26.7 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

4.49

15000

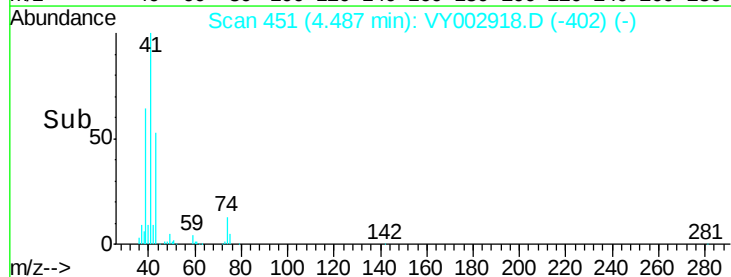
10000

5000

0

Time-->

4.40 4.50 4.60

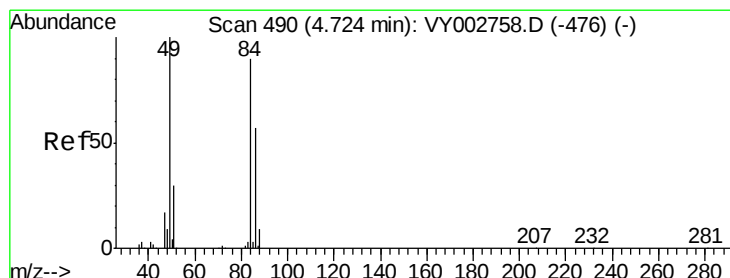
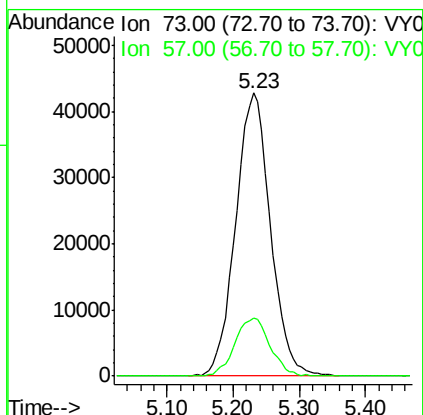
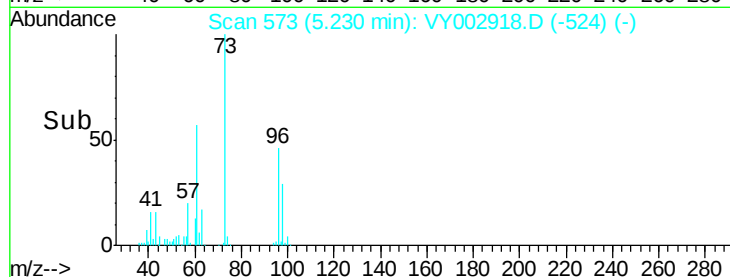
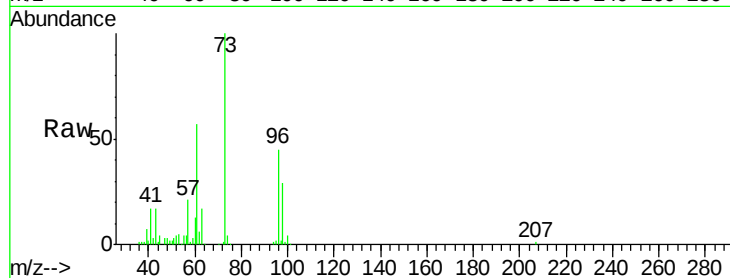




#19
Methyl tert-butyl Ether
Concen: 21.873 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.00 min
Lab File: VY002918.D
Acq: 18 Jun 2020 14:36

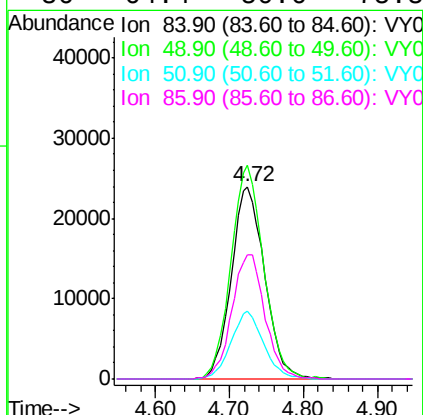
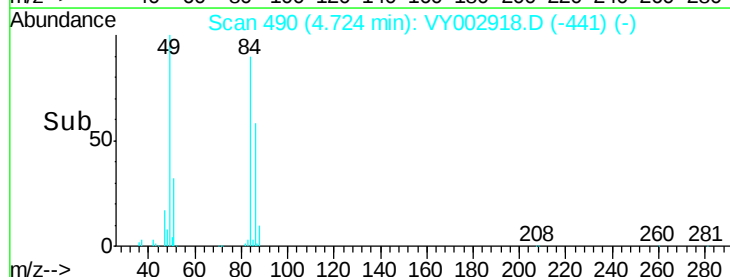
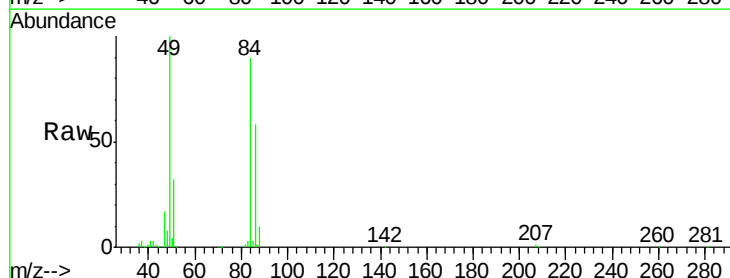
Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

Tot Ion: 73 Resp: 156412
Ion Ratio Lower Upper
73 100
57 20.7 17.0 25.4



#20
Methylene Chloride
Concen: 24.821 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY002918.D
Acq: 18 Jun 2020 14:36

Tgt Ion: 84 Resp: 75196
Ion Ratio Lower Upper
84 100
49 111.1 88.5 132.7
51 35.5 26.8 40.2
86 64.4 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 21.130 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.00 min

Lab File: VY002918.D

Acq: 18 Jun 2020 14:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0618SBS01

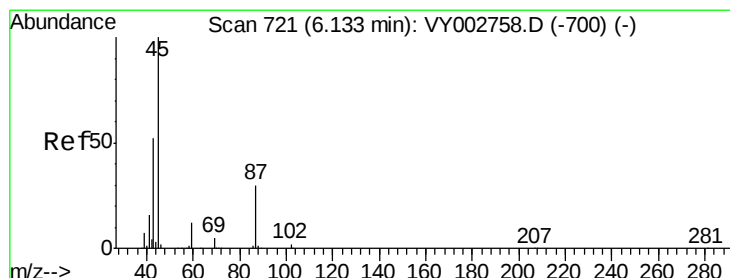
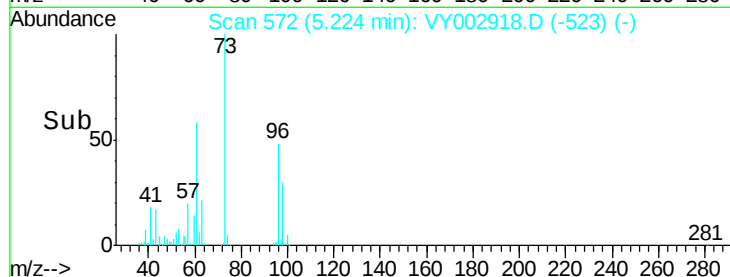
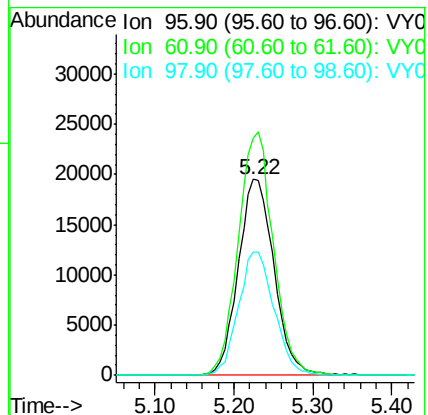
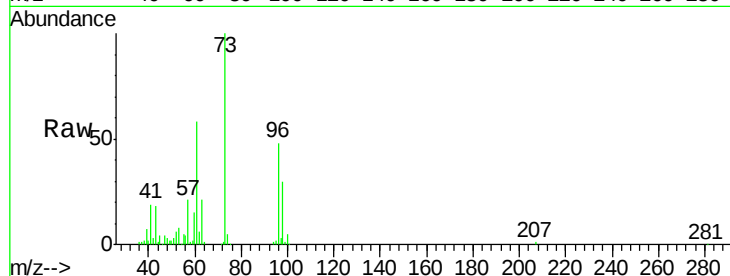
Tot Ion: 96 Resp: 61551

Ion Ratio Lower Upper

96 100

61 121.0 96.8 145.2

98 63.0 49.4 74.0



#22

Diisopropyl ether

Concen: 22.092 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY002918.D

Acq: 18 Jun 2020 14:36

Tgt Ion: 45 Resp: 170550

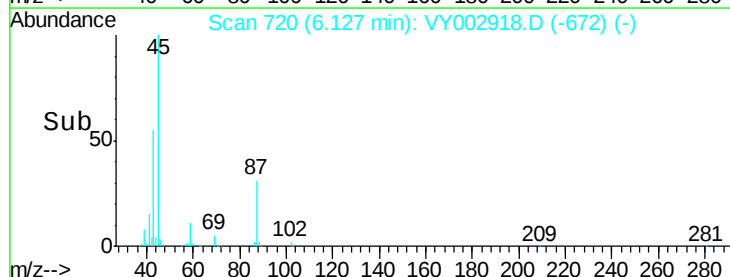
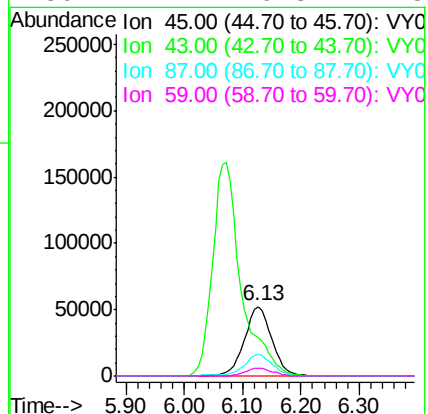
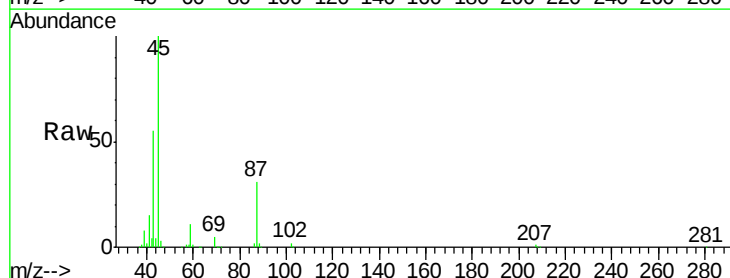
Ion Ratio Lower Upper

45 100

43 54.8 41.7 62.5

87 31.5 24.2 36.2

59 11.4 9.8 14.8





#23

Vinyl Acetate

Concen: 106.832 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.00 min

Lab File: VY002918.D

Acq: 18 Jun 2020 14:36

Instrument :

MSVOA_Y

ClientSampleId :

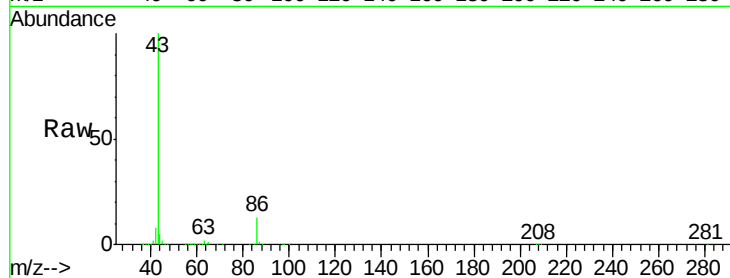
VY0618SBS01

Tot Ion: 43 Resp: 544514

Ion Ratio Lower Upper

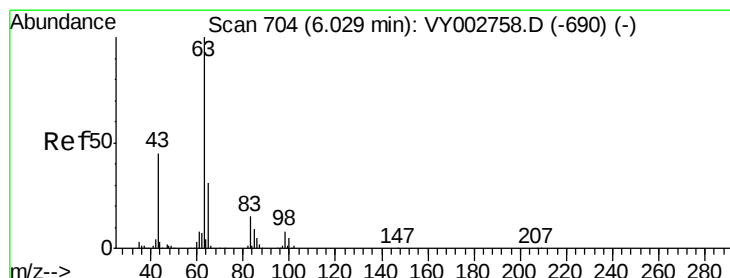
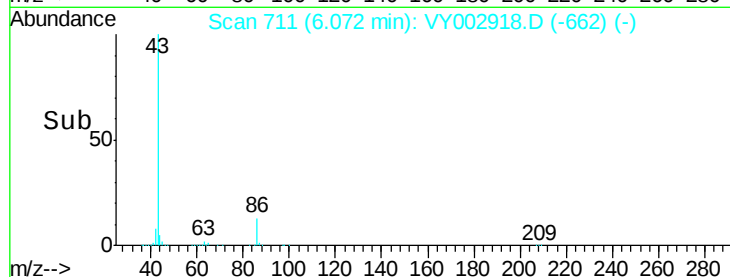
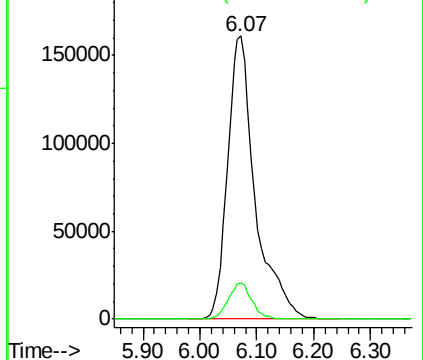
43 100

86 13.0 10.2 15.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 21.926 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: VY002918.D

Acq: 18 Jun 2020 14:36

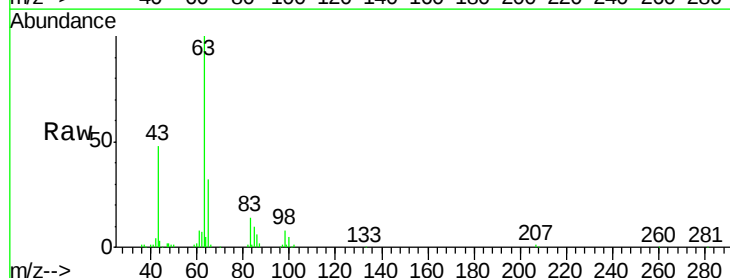
Tgt Ion: 63 Resp: 99016

Ion Ratio Lower Upper

63 100

98 7.9 4.0 12.2

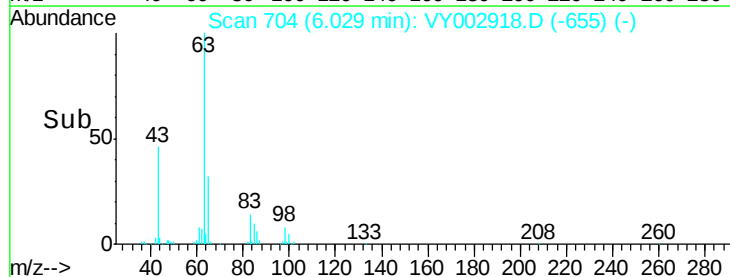
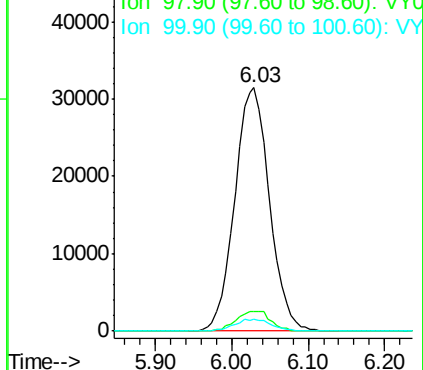
100 4.7 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 107.790 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.00 min

Lab File: VY002918.D

Acq: 18 Jun 2020 14:36

Instrument :

MSVOA_Y

ClientSampleId :

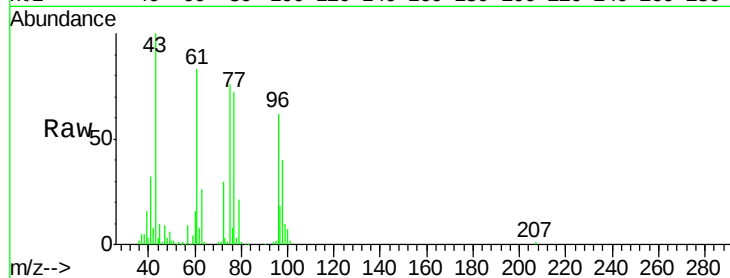
VY0618SBS01

Tot Ion: 43 Resp: 104107

Ion Ratio Lower Upper

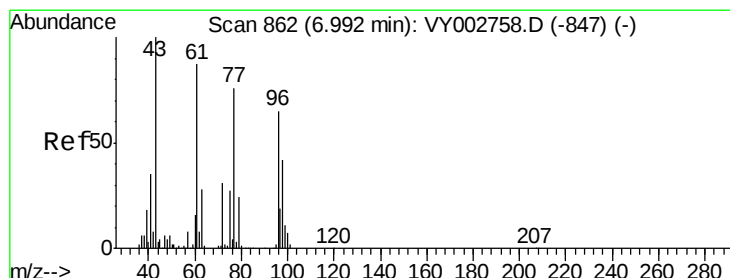
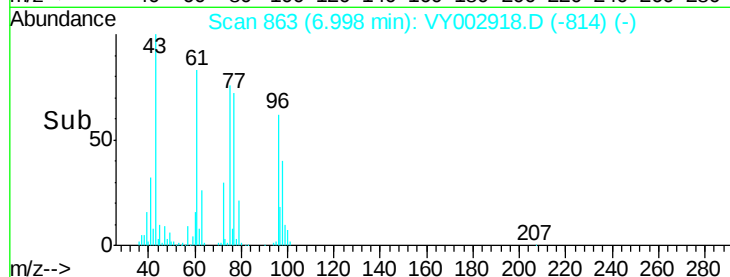
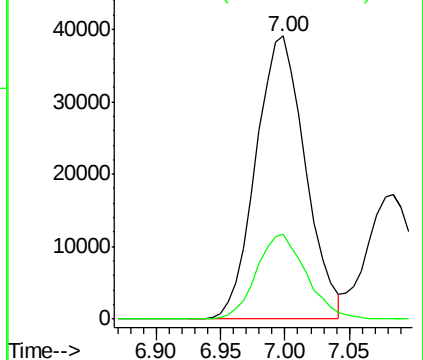
43 100

72 29.9 23.9 35.9



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 21.747 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY002918.D

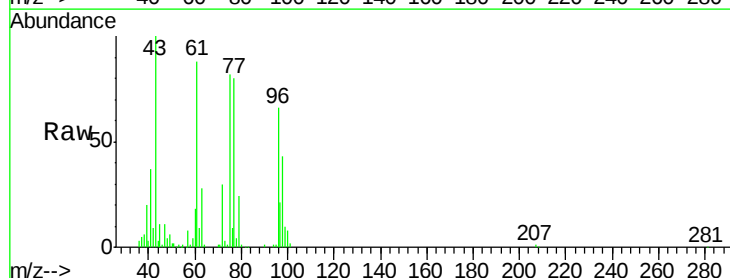
Acq: 18 Jun 2020 14:36

Tgt Ion: 77 Resp: 94189

Ion Ratio Lower Upper

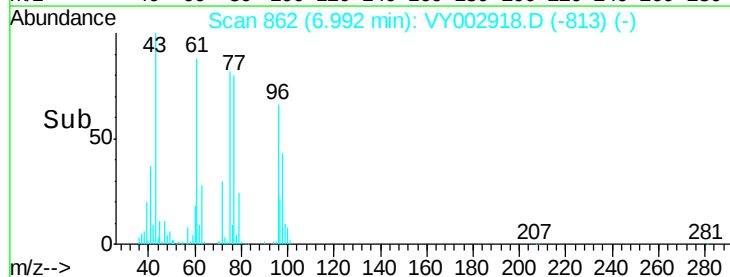
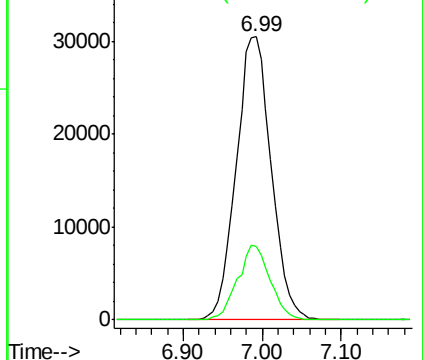
77 100

97 24.4 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0



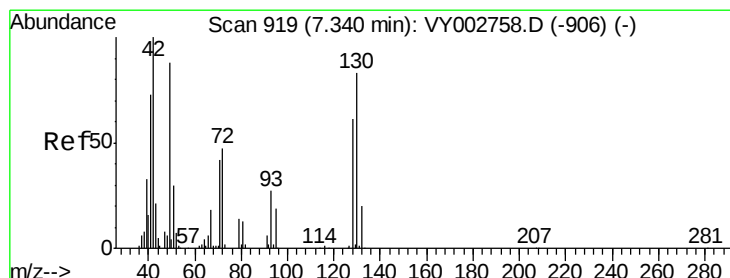
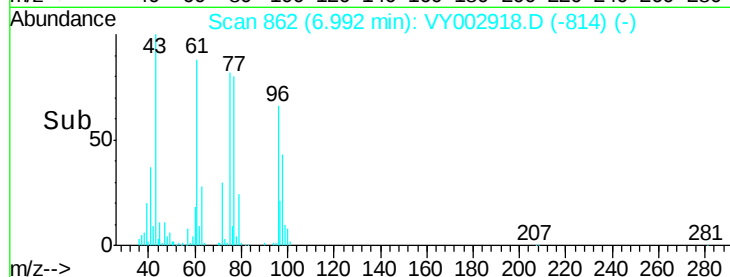
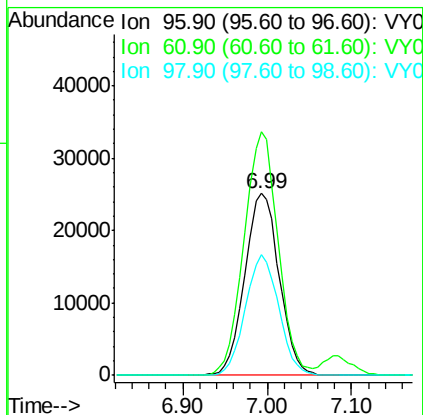
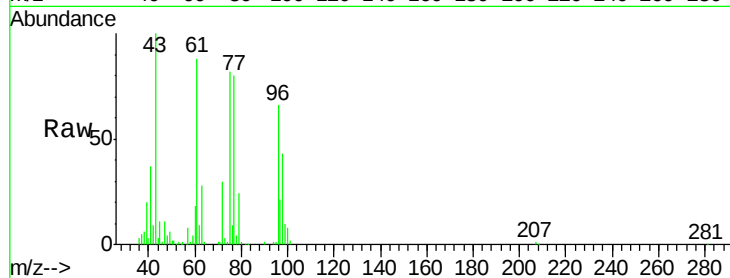


#27

cis-1,2-Dichloroethene
 Concen: 21.405 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VY002918.D
 Acq: 18 Jun 2020 14:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0618SBS01

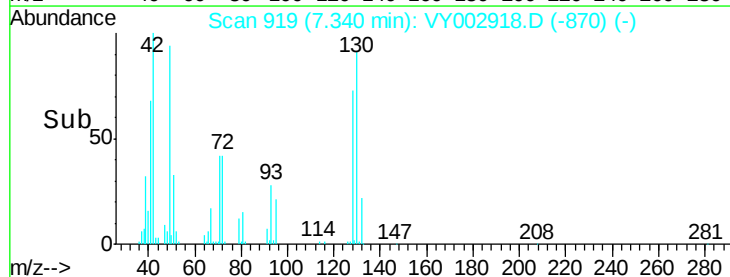
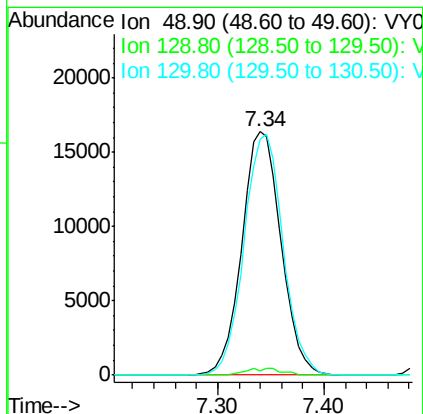
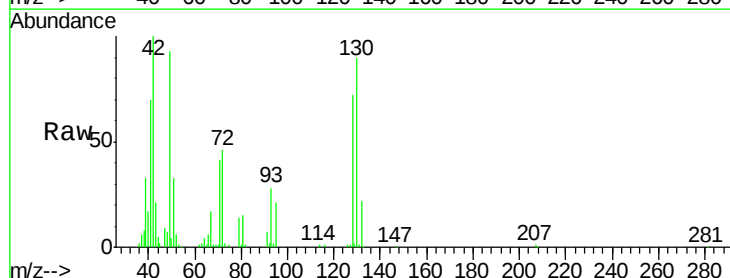
Tot Ion: 96 Resp: 69801
 Ion Ratio Lower Upper
 96 100
 61 132.0 0.0 260.2
 98 63.9 0.0 128.2

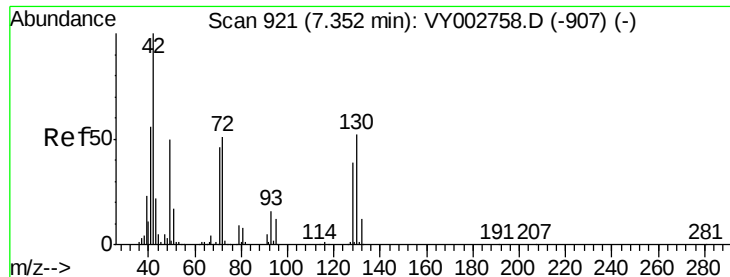


#28

Bromochloromethane
 Concen: 22.801 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: VY002918.D
 Acq: 18 Jun 2020 14:36

Tgt Ion: 49 Resp: 42271
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 5.2
 130 98.3 77.1 115.7





#29

Tetrahydrofuran

Concen: 107.063 ug/l

RT: 7.36 min Scan# 922

Delta R.T. 0.01 min

Lab File: VY002918.D

Acq: 18 Jun 2020 14:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0618SBS01

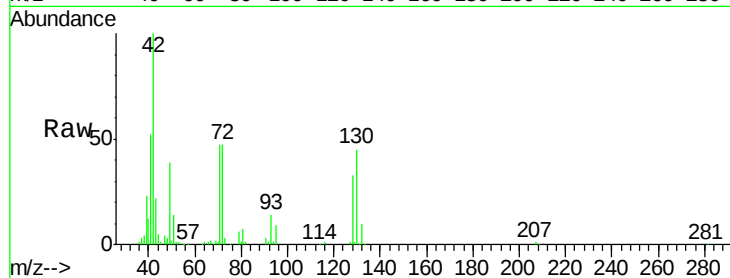
Tot Ion: 42 Resp: 67261

Ion Ratio Lower Upper

42 100

72 48.5 38.6 58.0

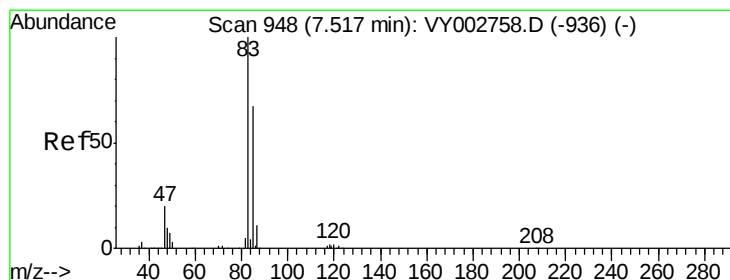
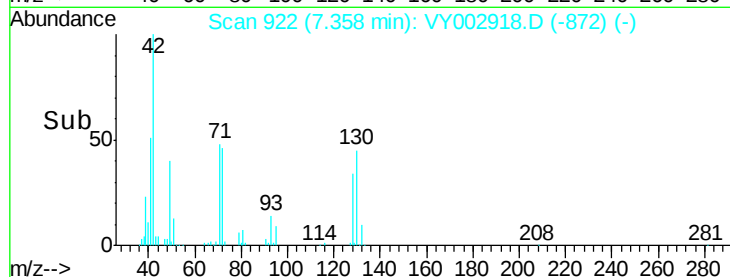
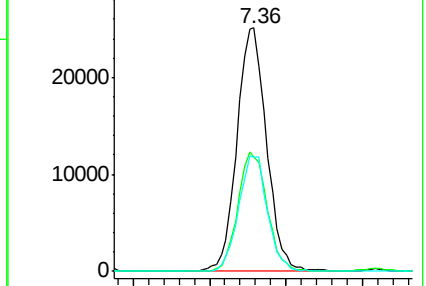
71 46.1 35.8 53.8



Abundance Ion 42.00 (41.70 to 42.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

Ion 71.00 (70.70 to 71.70): VY0



#30

Chloroform

Concen: 22.041 ug/l

RT: 7.52 min Scan# 948

Delta R.T. 0.00 min

Lab File: VY002918.D

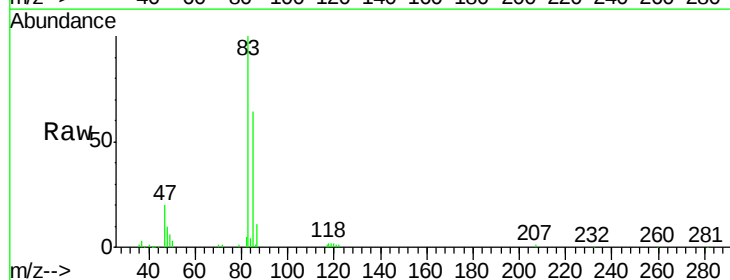
Acq: 18 Jun 2020 14:36

Tgt Ion: 83 Resp: 105625

Ion Ratio Lower Upper

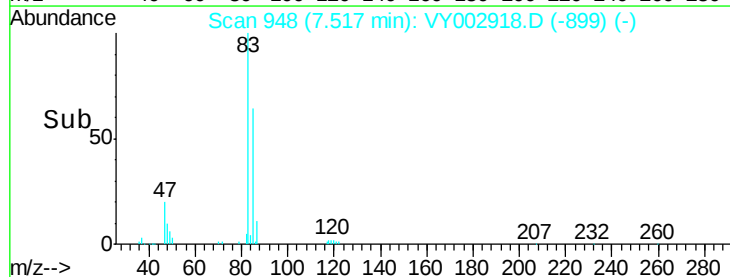
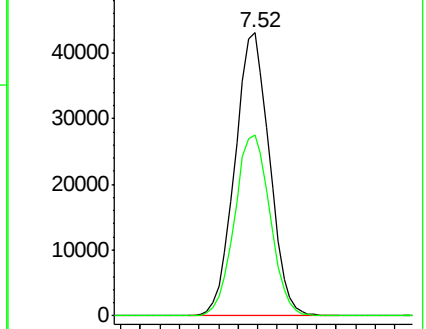
83 100

85 64.0 53.8 80.8



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 20.010 ug/l

RT: 7.78 min Scan# 992

Delta R.T. -0.01 min

Lab File: VY002918.D

Acq: 18 Jun 2020 14:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0618SBS01

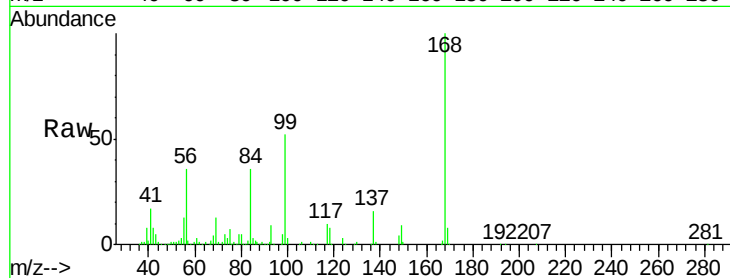
Tot Ion: 56 Resp: 89719

Ion Ratio Lower Upper

56 100

69 37.4 28.0 42.0

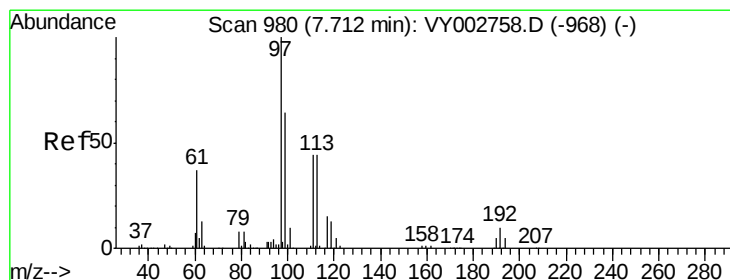
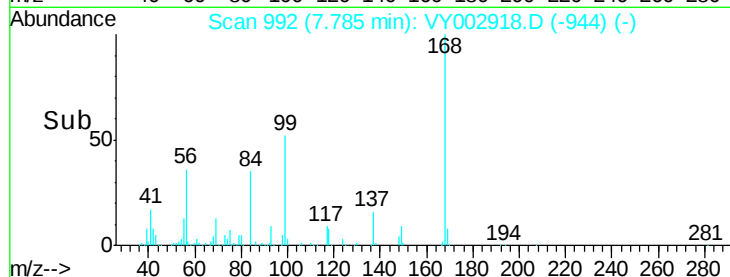
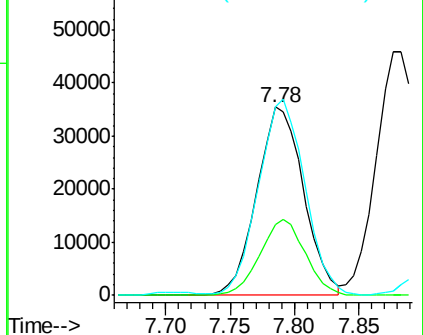
84 98.7 77.7 116.5



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 21.775 ug/l

RT: 7.71 min Scan# 979

Delta R.T. -0.01 min

Lab File: VY002918.D

Acq: 18 Jun 2020 14:36

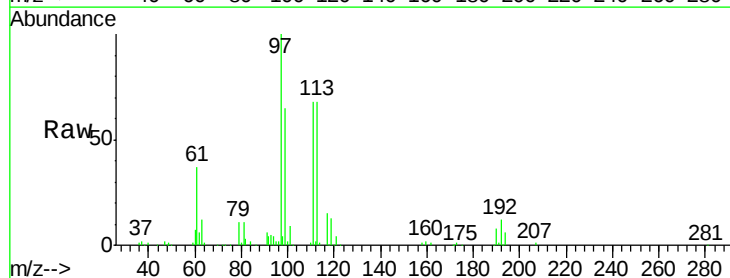
Tgt Ion: 97 Resp: 97236

Ion Ratio Lower Upper

97 100

99 64.7 51.4 77.0

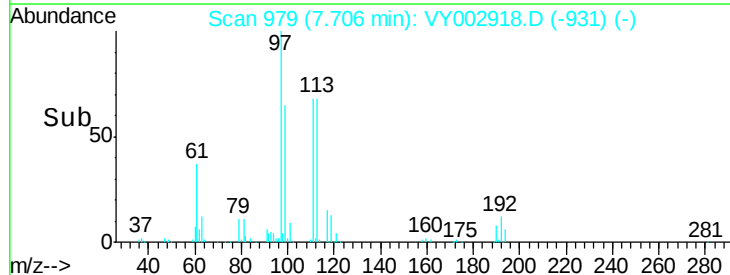
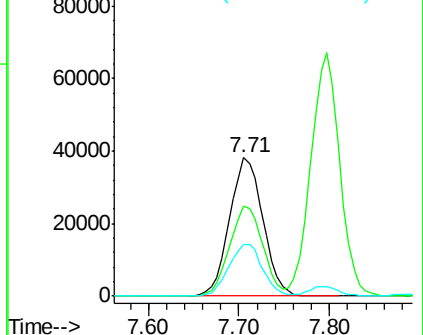
61 37.7 30.1 45.1



Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

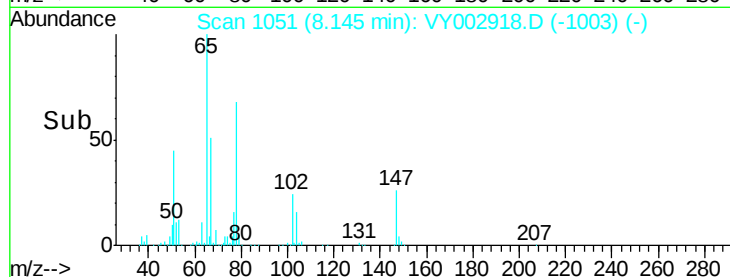
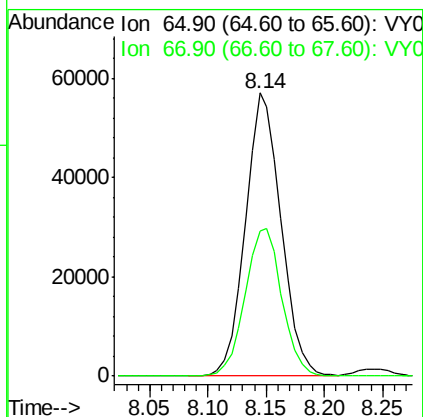
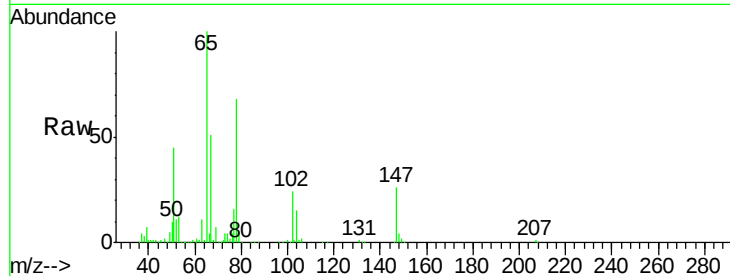




#33
 1,2-Dichloroethane-d4
 Concen: 46.064 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: VY002918.D
 Acq: 18 Jun 2020 14:36

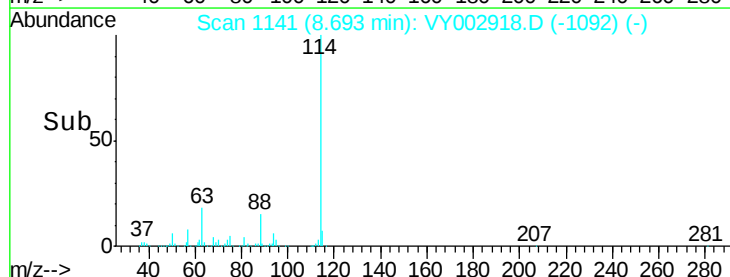
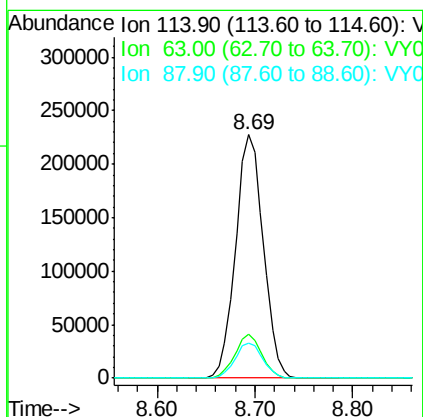
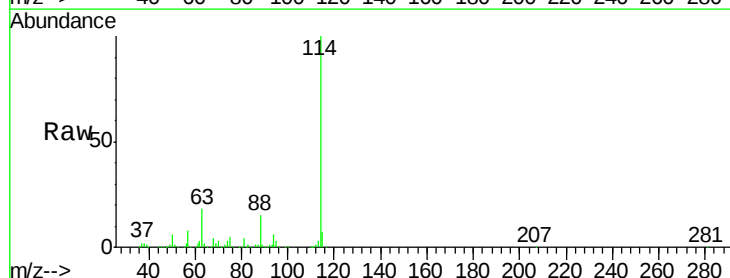
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0618SBS01

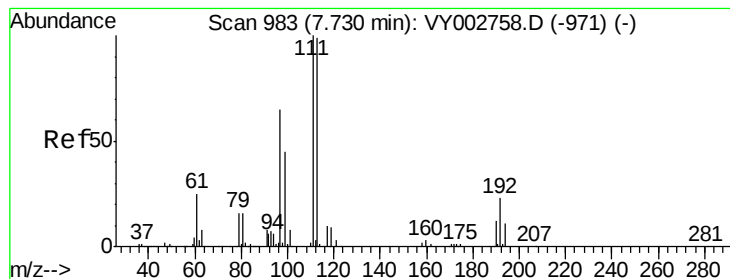
Tot Ion: 65 Resp: 121782
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002918.D
 Acq: 18 Jun 2020 14:36

Tgt Ion: 114 Resp: 447004
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 35.2
 88 14.6 0.0 29.2





#35

Dibromofluoromethane

Concen: 48.549 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY002918.D

Acq: 18 Jun 2020 14:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0618SBS01

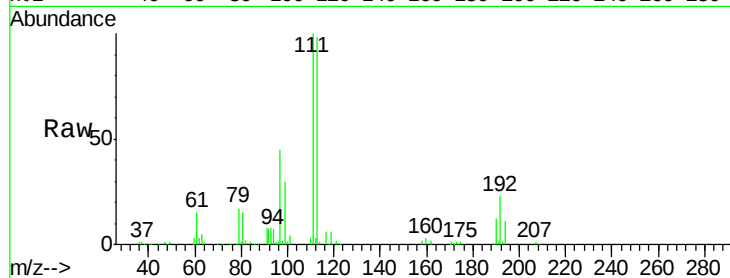
Tot Ion:113 Resp: 127181

Ion Ratio Lower Upper

113 100

111 101.6 82.0 123.0

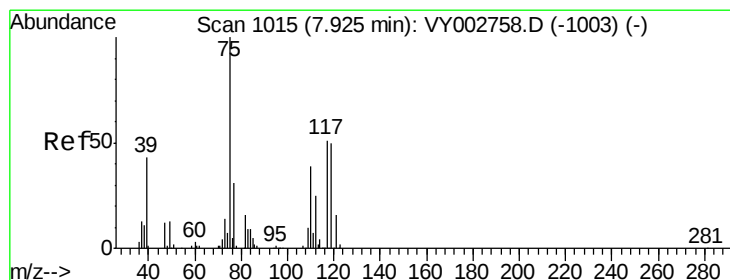
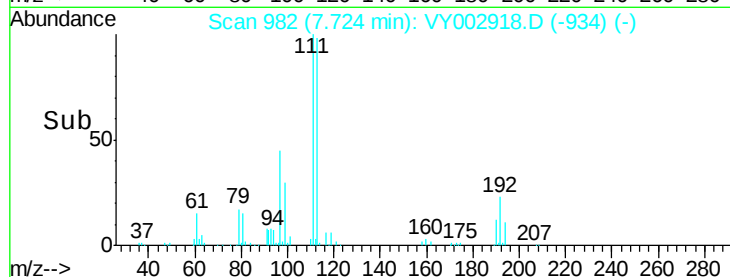
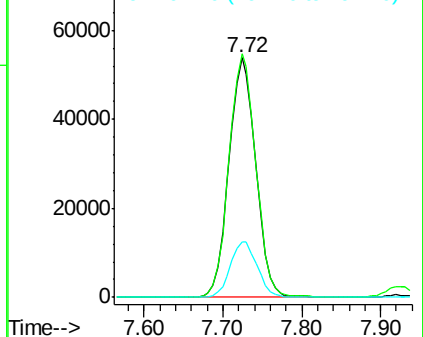
192 23.3 18.9 28.3



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: 21.415 ug/l

RT: 7.93 min Scan# 1015

Delta R.T. 0.00 min

Lab File: VY002918.D

Acq: 18 Jun 2020 14:36

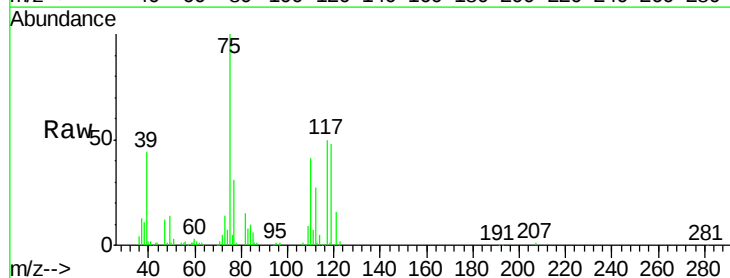
Tgt Ion: 75 Resp: 80635

Ion Ratio Lower Upper

75 100

110 38.6 19.3 57.9

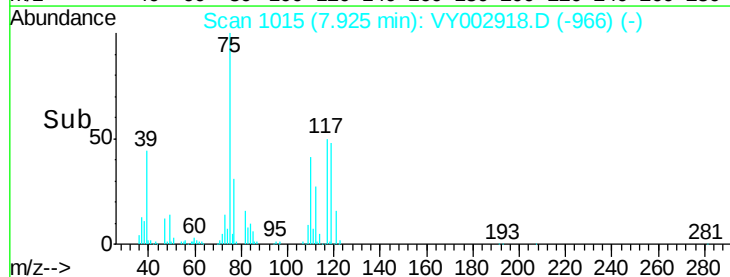
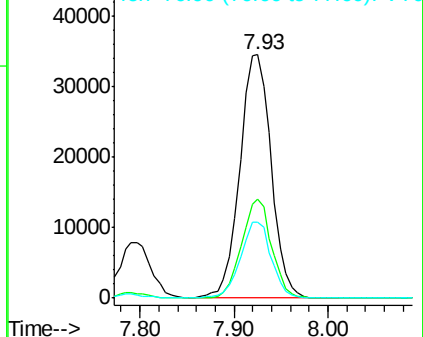
77 30.8 24.8 37.2

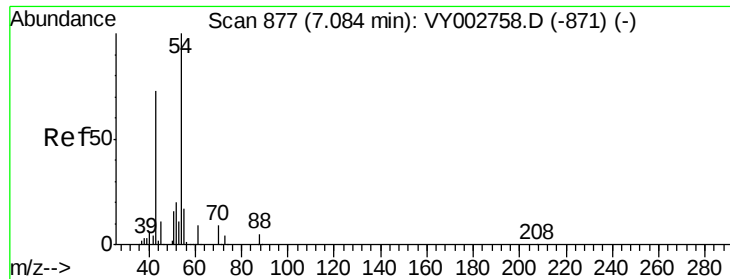


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

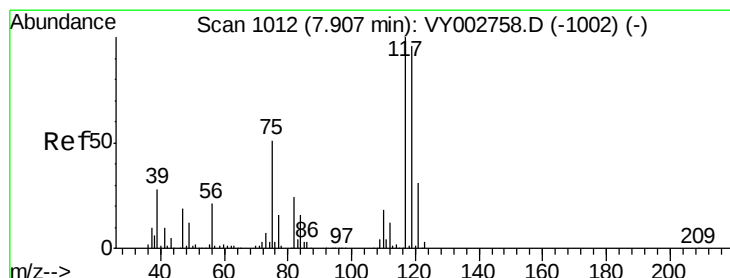
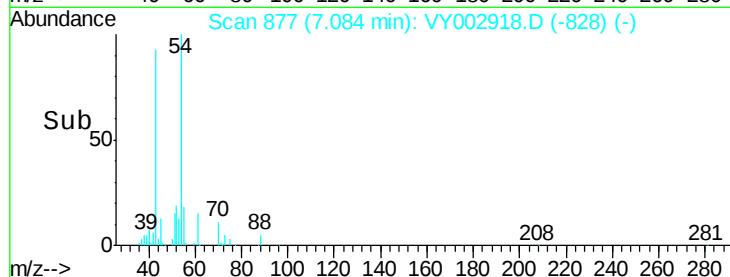
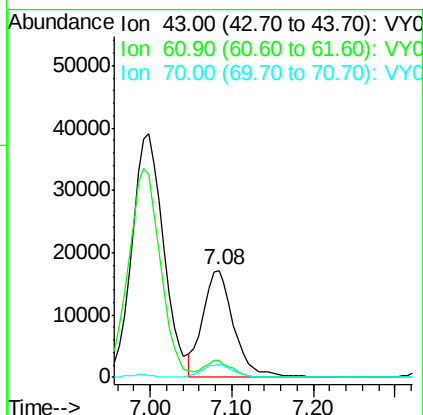
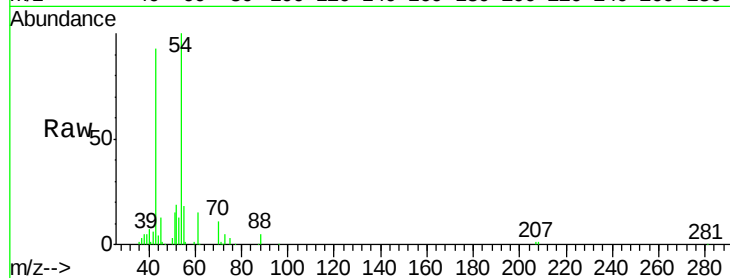




#37
Ethyl Acetate
Concen: 22.272 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.00 min
Lab File: VY002918.D
Acq: 18 Jun 2020 14:36

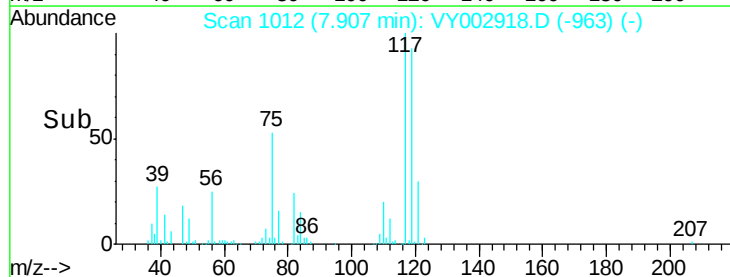
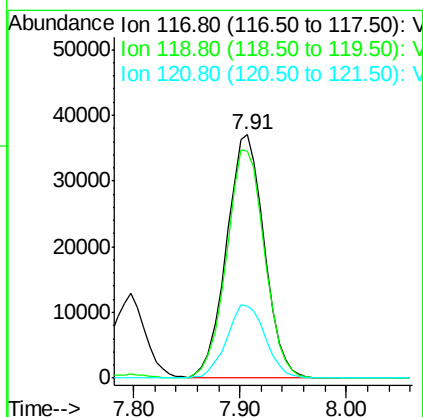
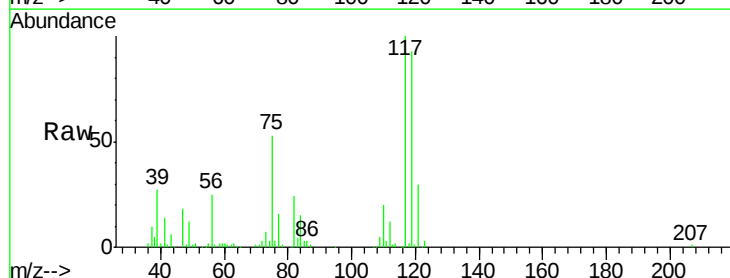
Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

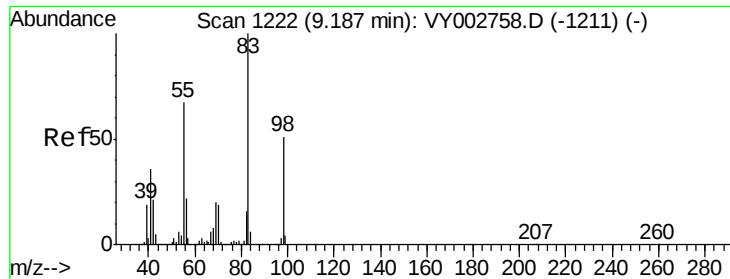
Tot Ion: 43 Resp: 45628
Ion Ratio Lower Upper
43 100
61 14.4 11.9 17.9
70 12.0 9.1 13.7



#38
Carbon Tetrachloride
Concen: 21.988 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY002918.D
Acq: 18 Jun 2020 14:36

Tgt Ion: 117 Resp: 91976
Ion Ratio Lower Upper
117 100
119 93.1 76.8 115.2
121 29.8 24.8 37.2

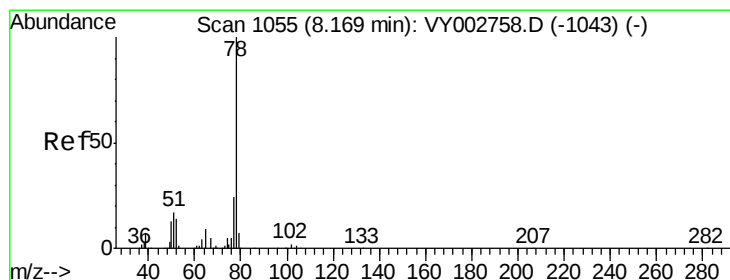
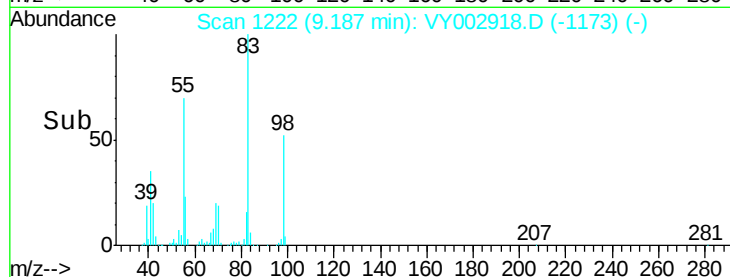
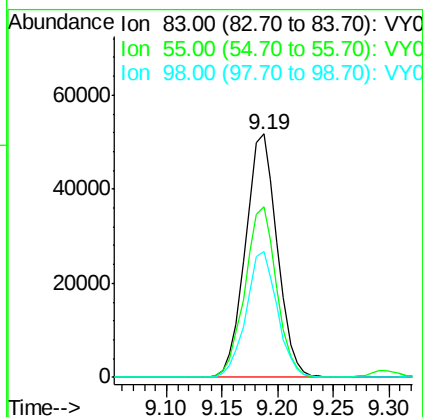
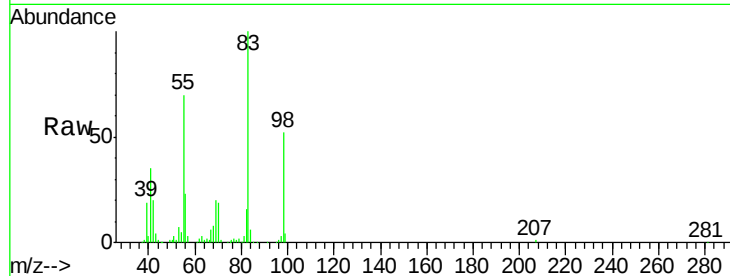




#39
Methvlcvclohexane
Concen: 20.692 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY002918.D
Acq: 18 Jun 2020 14:36

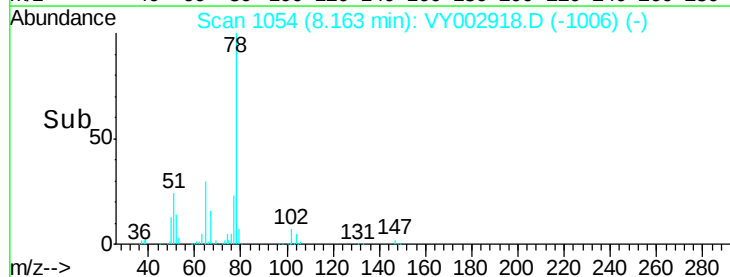
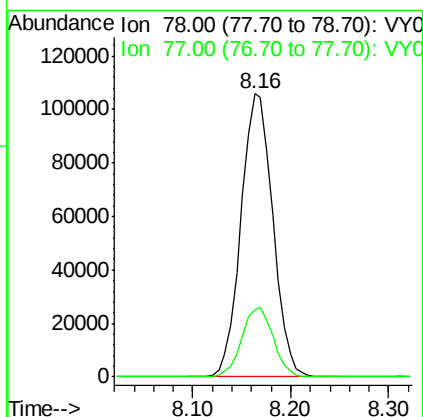
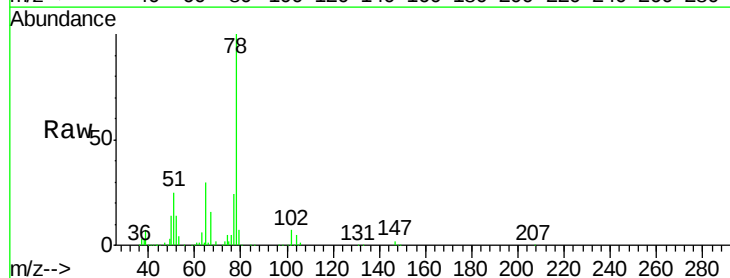
Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

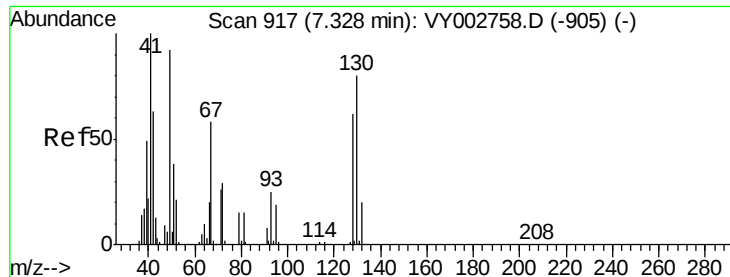
Tot Ion: 83 Resp: 102699
Ion Ratio Lower Upper
83 100
55 70.2 53.3 79.9
98 51.9 41.1 61.7



#40
Benzene
Concen: 21.468 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY002918.D
Acq: 18 Jun 2020 14:36

Tgt Ion: 78 Resp: 238859
Ion Ratio Lower Upper
78 100
77 23.5 18.8 28.2

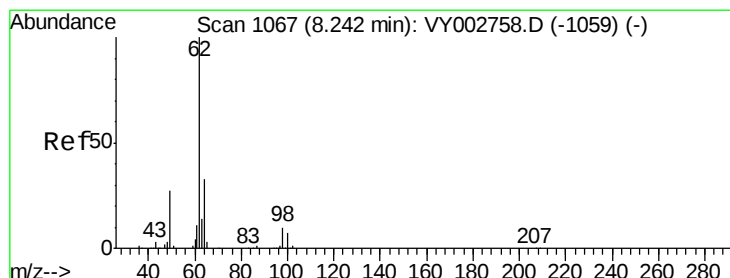
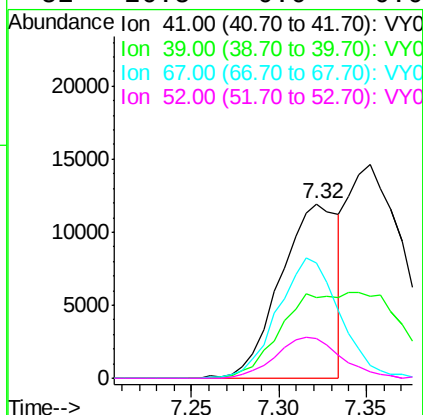
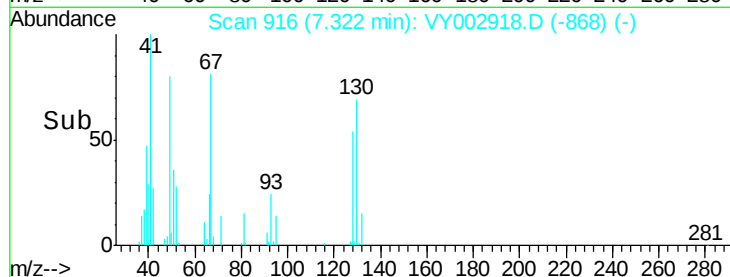
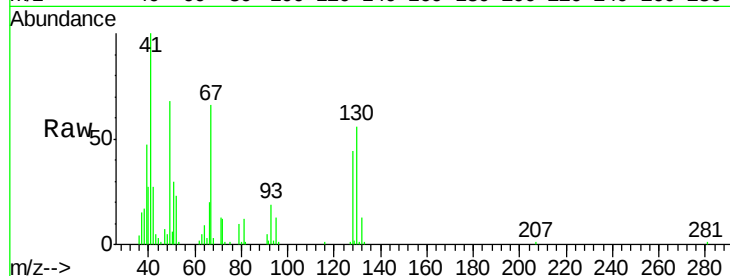




#41
Methacrylonitrile
Concen: 25.094 ug/l
RT: 7.32 min Scan# 916
Delta R.T. -0.01 min
Lab File: VY002918.D
Acq: 18 Jun 2020 14:36

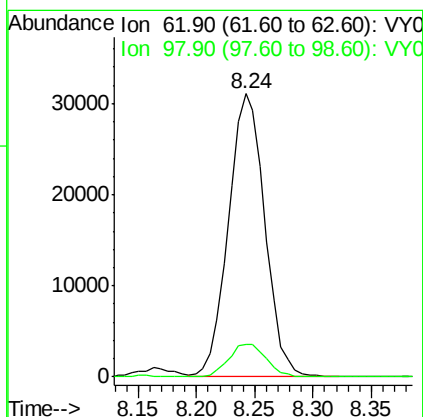
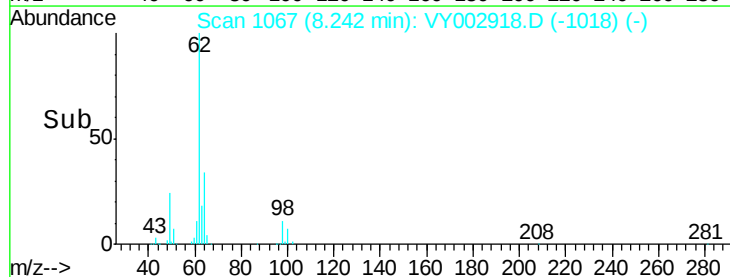
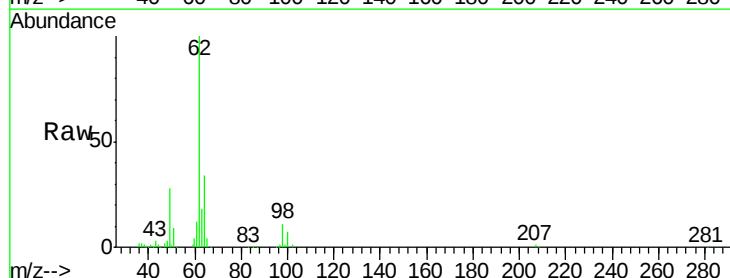
Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

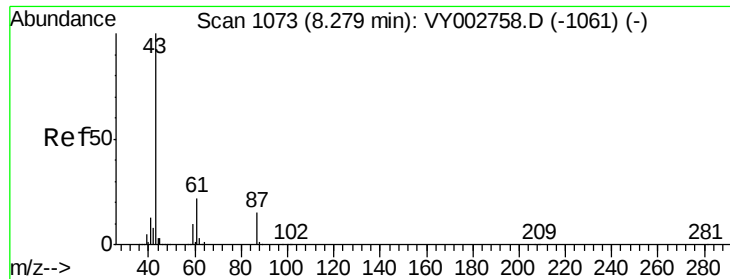
Tot Ion: 41 Resp: 27619
Ion Ratio Lower Upper
41 100
39 49.4 97.6 146.4#
67 74.4 0.0 0.0#
52 26.5 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 21.681 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY002918.D
Acq: 18 Jun 2020 14:36

Tgt Ion: 62 Resp: 67604
Ion Ratio Lower Upper
62 100
98 11.8 0.0 22.6



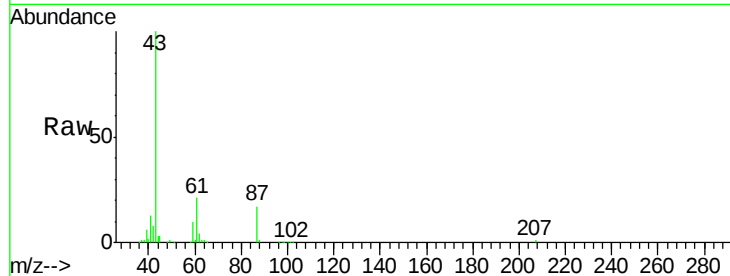


#43

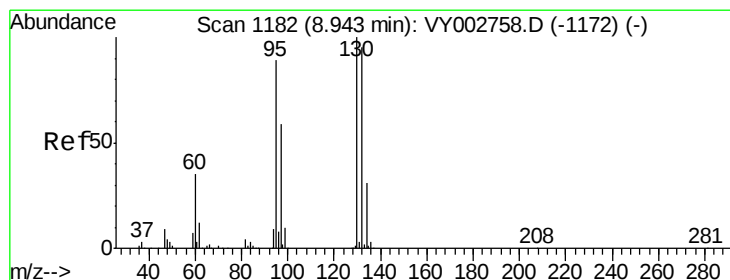
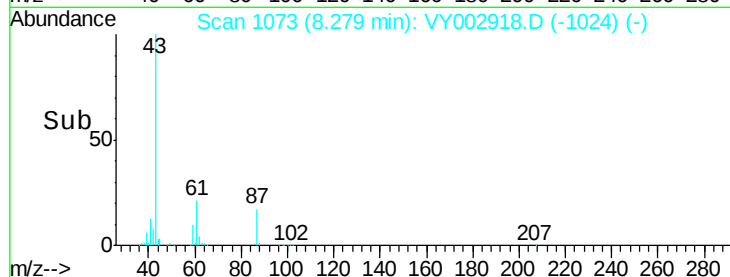
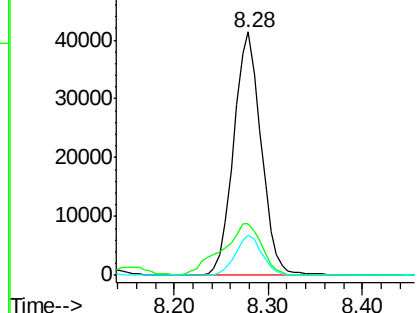
Isopropyl Acetate
 Concen: 21.699 ug/l
 RT: 8.28 min Scan# 1073
 Delta R.T. 0.00 min
 Lab File: VY002918.D
 Acq: 18 Jun 2020 14:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0618SBS01

Tot Ion	43	Resp	84241
Ion Ratio	Lower	Upper	
43	100		
61	30.8	24.8	37.2
87	16.0	12.4	18.6



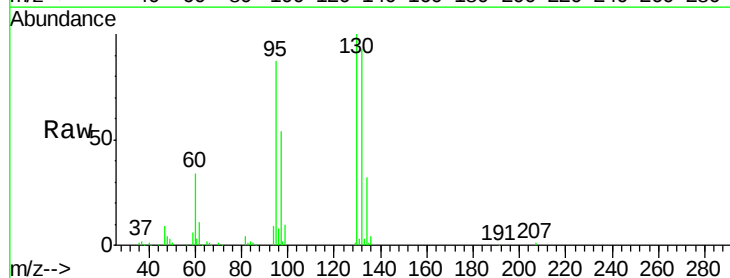
Abundance Ion 43.00 (42.70 to 43.70): VY0
 Ion 61.00 (60.70 to 61.70): VY0
 Ion 87.00 (86.70 to 87.70): VY0



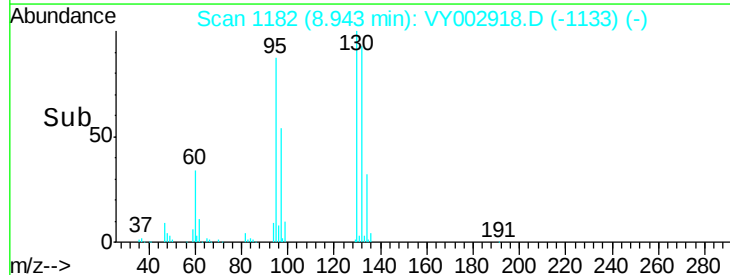
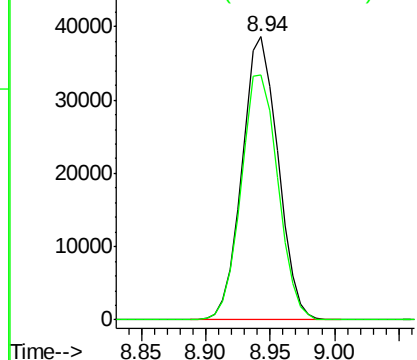
#44

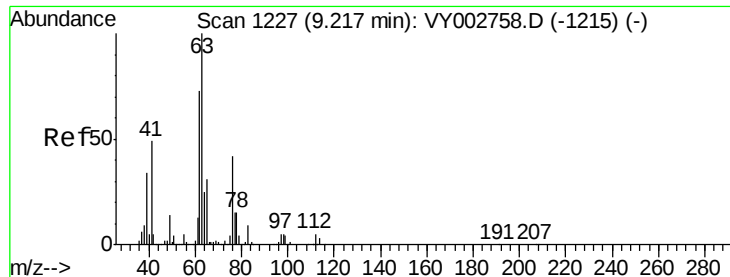
Trichloroethene
 Concen: 21.224 ug/l
 RT: 8.94 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VY002918.D
 Acq: 18 Jun 2020 14:36

Tgt Ion	130	Resp	74590
Ion Ratio	Lower	Upper	
130	100		
95	86.6	0.0	178.8



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

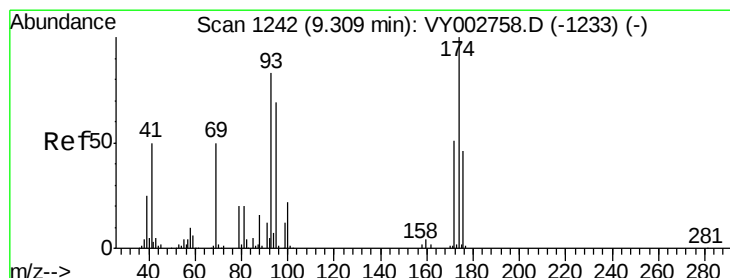
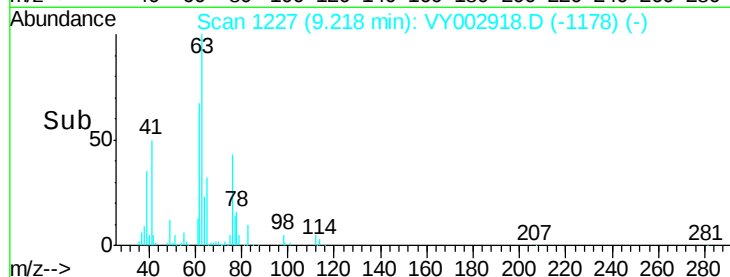
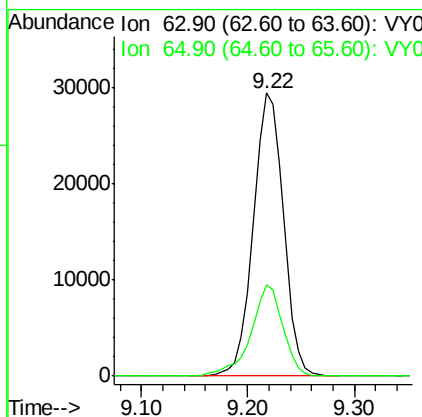
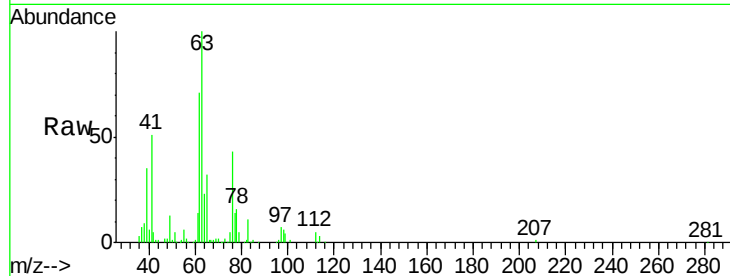




#45
 1,2-Dichloropropane
 Concen: 21.992 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY002918.D
 Acq: 18 Jun 2020 14:36

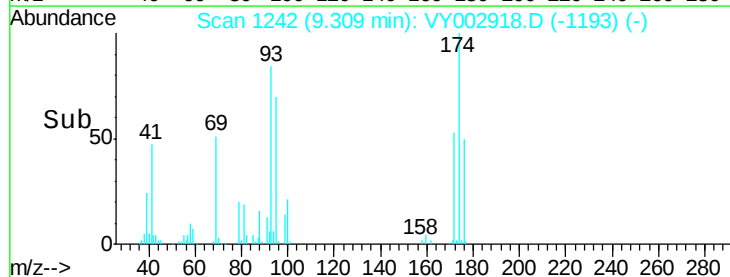
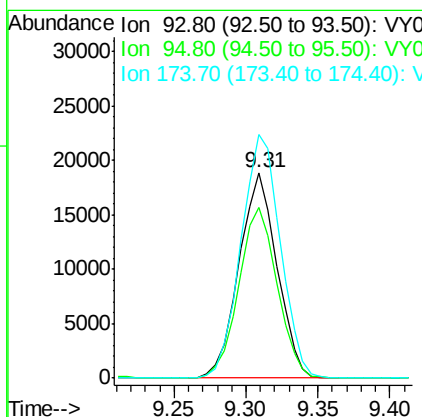
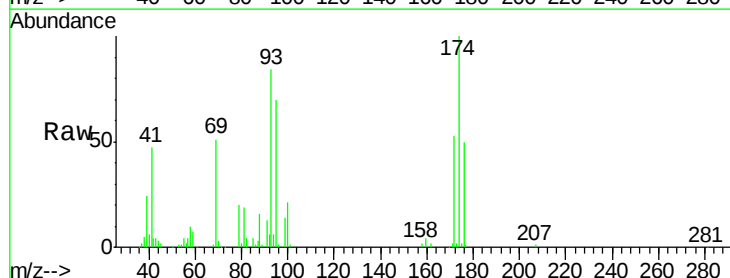
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0618SBS01

Tot Ion: 63 Resp: 58679
 Ion Ratio Lower Upper
 63 100
 65 32.3 24.8 37.2



#46
 Dibromomethane
 Concen: 21.738 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY002918.D
 Acq: 18 Jun 2020 14:36

Tgt Ion: 93 Resp: 34446
 Ion Ratio Lower Upper
 93 100
 95 84.2 66.9 100.3
 174 122.8 97.7 146.5





#47

Bromodichloromethane

Concen: 22.065 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY002918.D

Acq: 18 Jun 2020 14:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0618SBS01

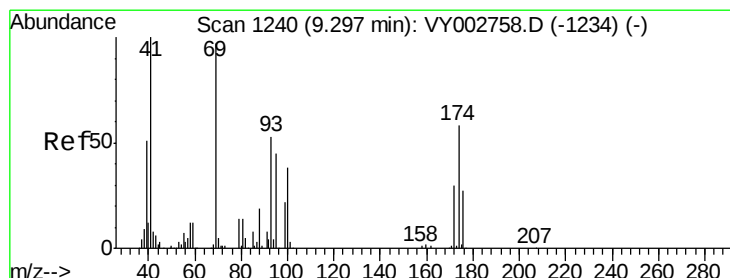
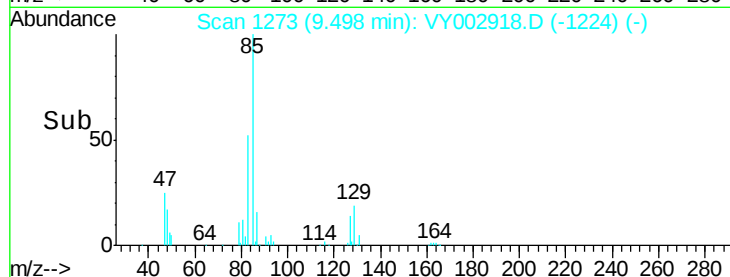
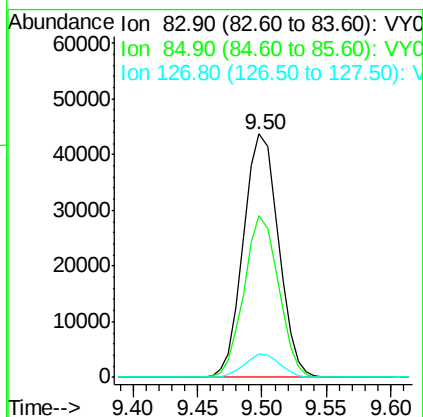
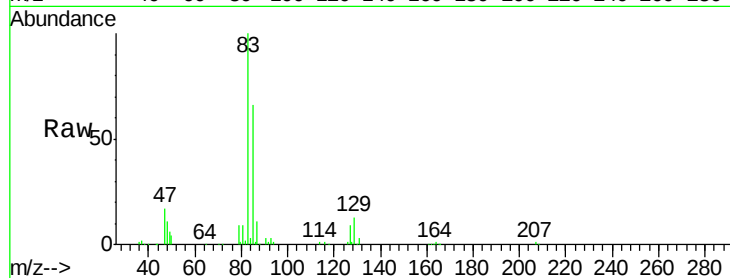
Tot Ion: 83 Resp: 82428

Ion Ratio Lower Upper

83 100

85 66.2 51.9 77.9

127 9.5 7.1 10.7



#48

Methyl methacrylate

Concen: 21.797 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VY002918.D

Acq: 18 Jun 2020 14:36

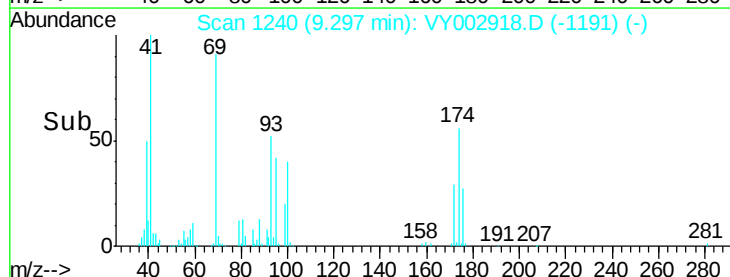
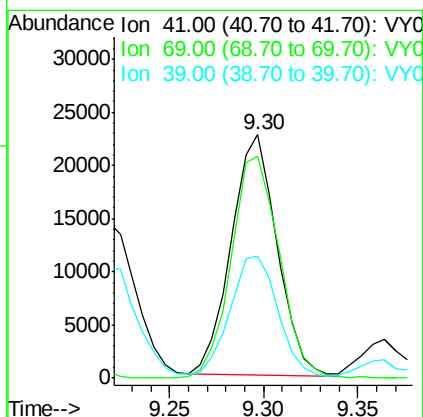
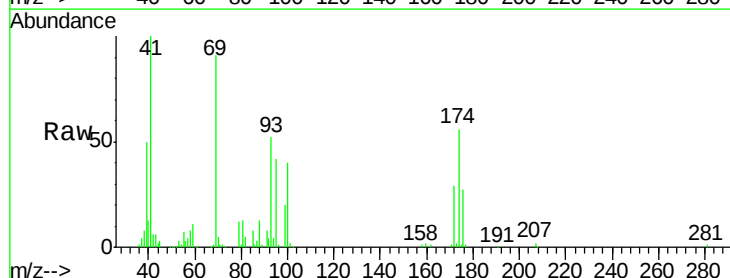
Tgt Ion: 41 Resp: 38201

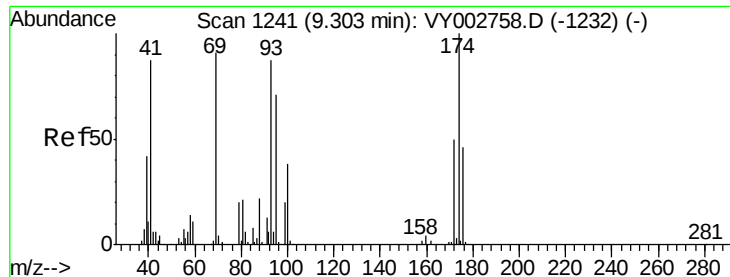
Ion Ratio Lower Upper

41 100

69 96.5 79.7 119.5

39 53.8 43.3 64.9

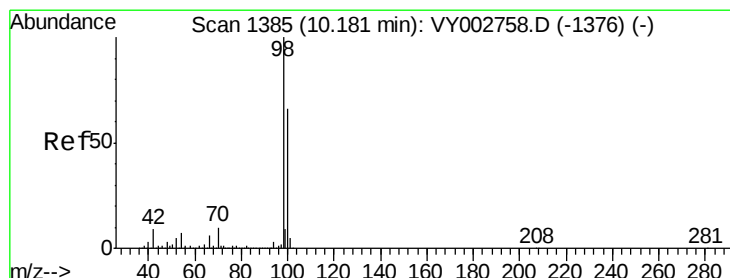
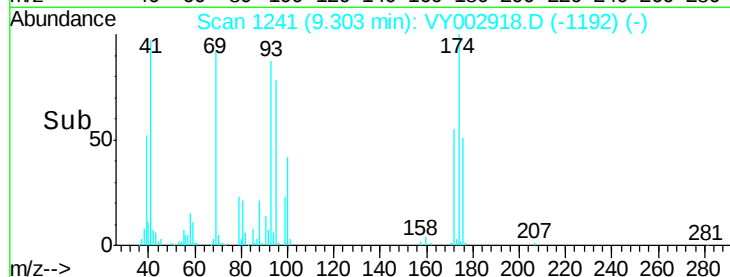
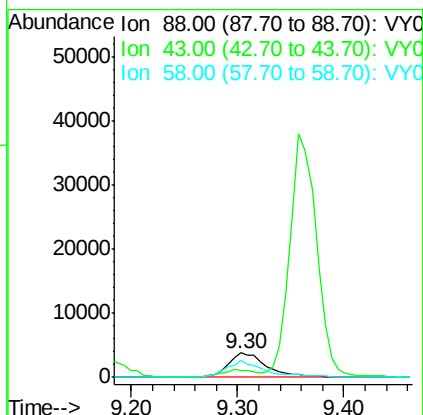
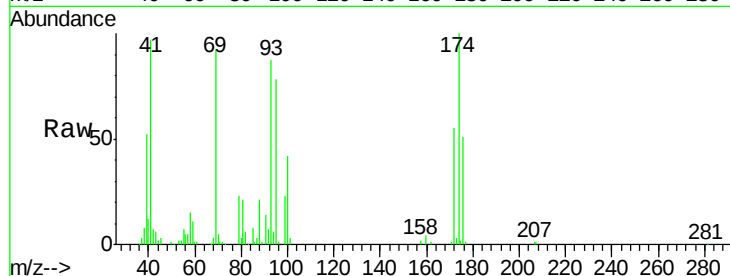




#49
1,4-Dioxane
Concen: 397.150 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VY002918.D
Acq: 18 Jun 2020 14:36

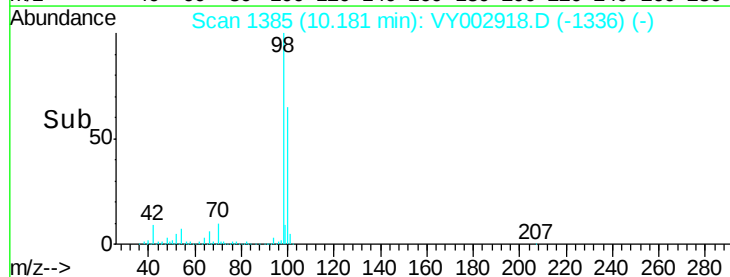
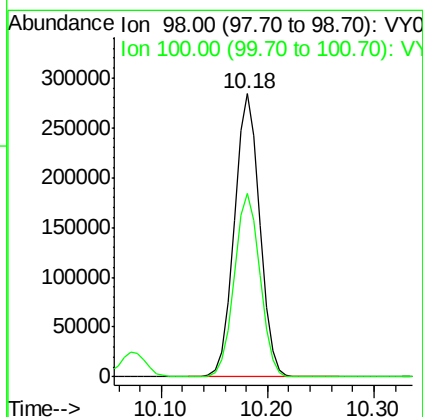
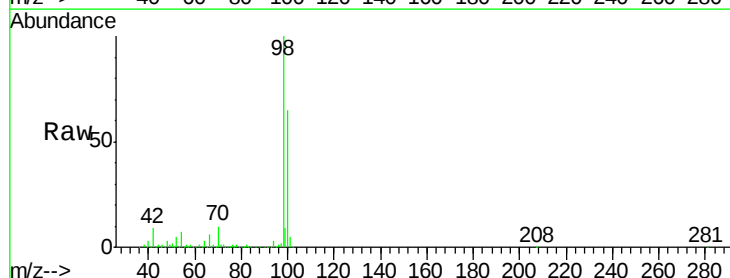
Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

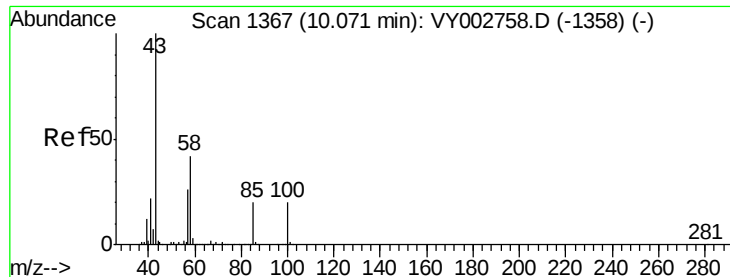
Tot Ion: 88 Resp: 9663
Ion Ratio Lower Upper
88 100
43 26.8 21.3 31.9
58 69.8 52.2 78.2



#50
Toluene-d8
Concen: 44.758 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY002918.D
Acq: 18 Jun 2020 14:36

Tgt Ion: 98 Resp: 474080
Ion Ratio Lower Upper
98 100
100 65.5 52.2 78.2

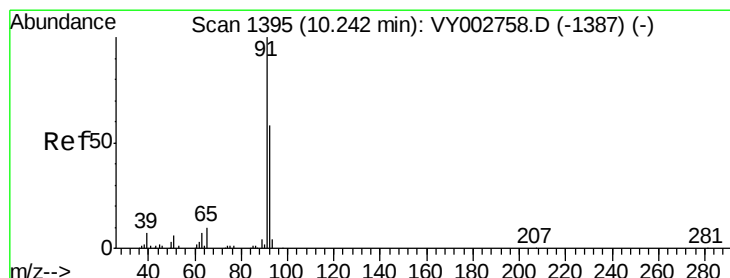
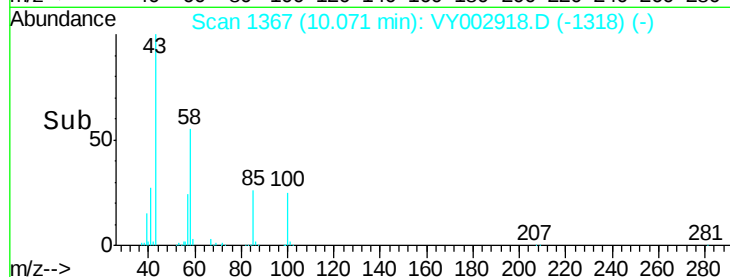
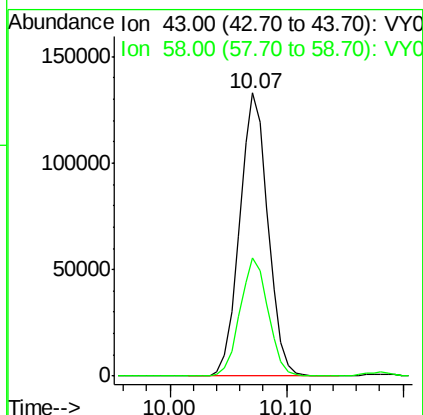
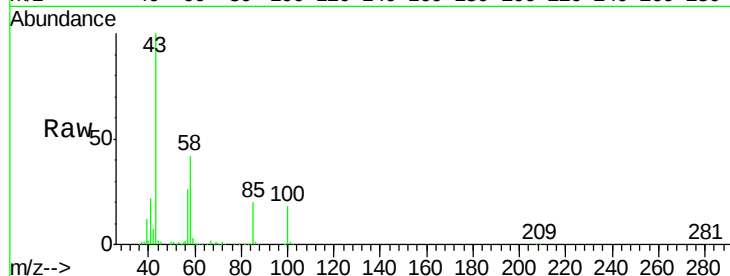




#51
4-Methyl-2-Pentanone
Concen: 109.277 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VY002918.D
Acq: 18 Jun 2020 14:36

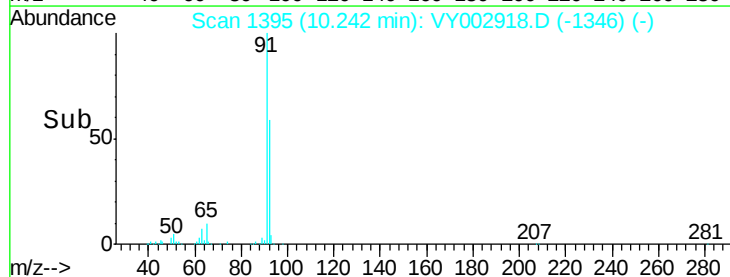
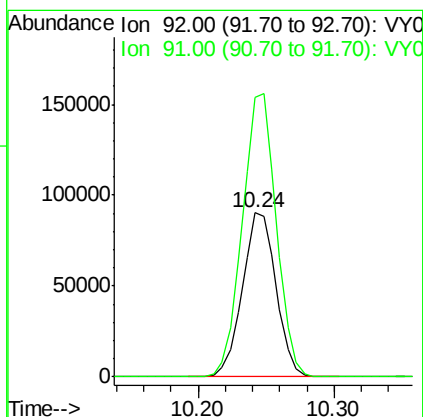
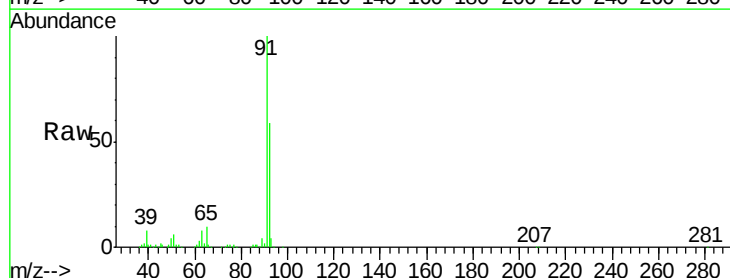
Instrument :
MSVOA_Y
ClientSampled :
VY0618SBS01

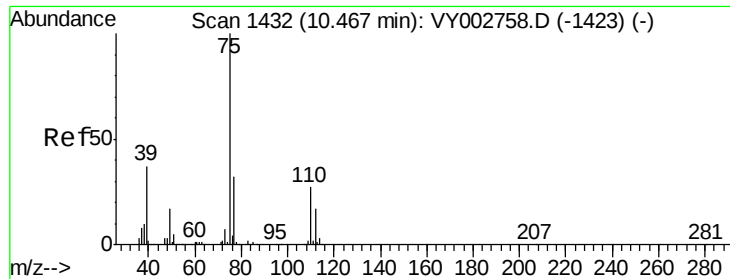
Tot Ion: 43 Resp: 224648
Ion Ratio Lower Upper
43 100
58 41.7 34.2 51.2



#52
Toluene
Concen: 21.455 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. 0.00 min
Lab File: VY002918.D
Acq: 18 Jun 2020 14:36

Tgt Ion: 92 Resp: 156163
Ion Ratio Lower Upper
92 100
91 173.8 138.5 207.7





#53

t-1,3-Dichloropropene

Concen: 21.889 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY002918.D

Acq: 18 Jun 2020 14:36

Instrument :

MSVOA_Y

ClientSampleId :

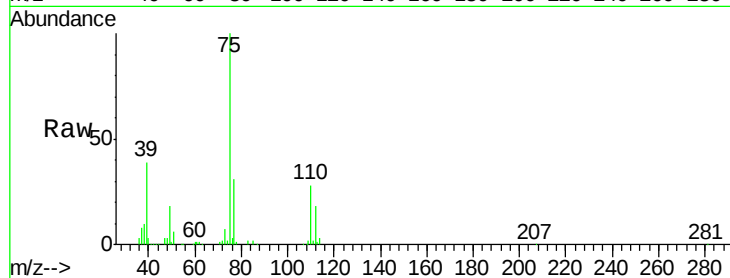
VY0618SBS01

Tot Ion: 75 Resp: 89310

Ion Ratio Lower Upper

75 100

77 30.7 25.3 37.9



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

10.47

60000

50000

40000

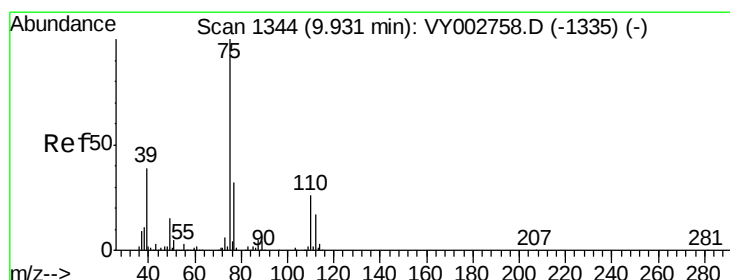
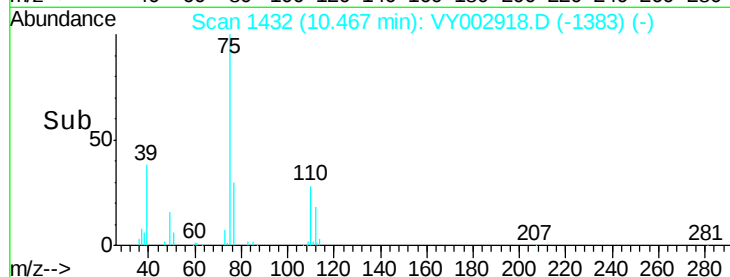
30000

20000

10000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 21.982 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY002918.D

Acq: 18 Jun 2020 14:36

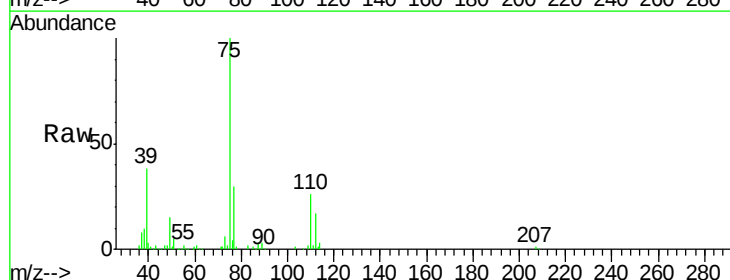
Tgt Ion: 75 Resp: 101629

Ion Ratio Lower Upper

75 100

77 30.4 25.6 38.4

39 38.5 31.3 46.9



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

9.93

80000

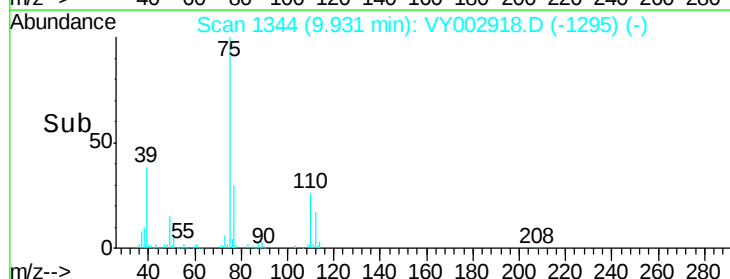
60000

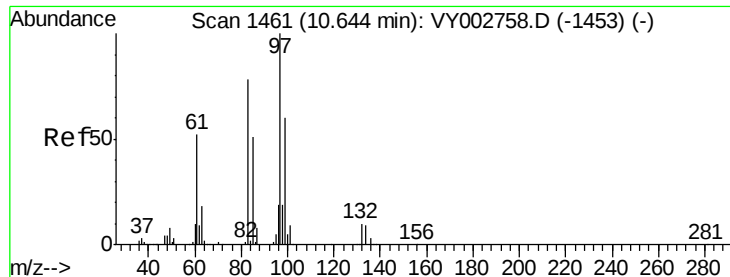
40000

20000

0

Time-->

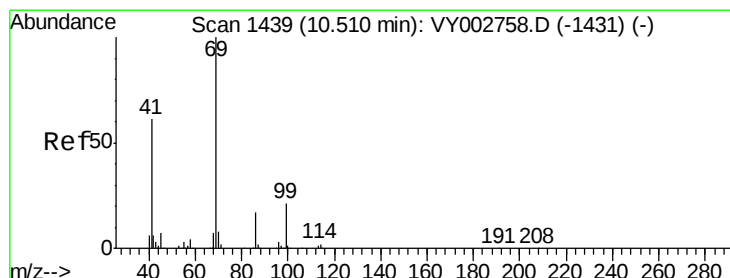
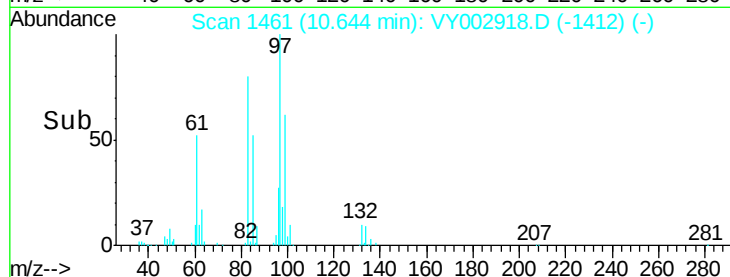
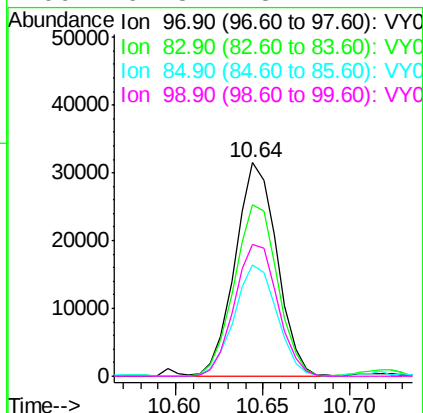
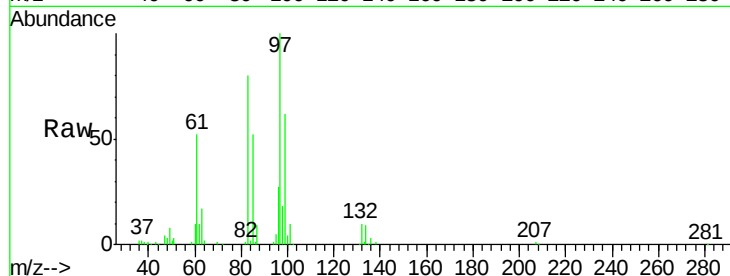




#55
 1,1,2-Trichloroethane
 Concen: 21.599 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY002918.D
 Acq: 18 Jun 2020 14:36

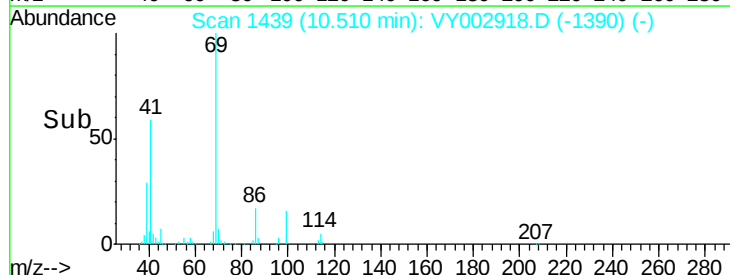
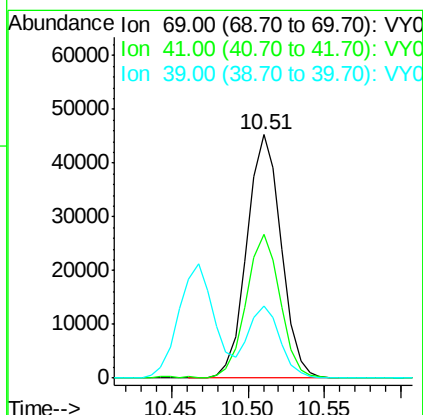
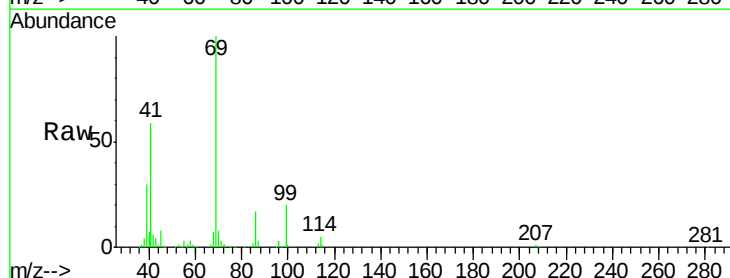
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0618SBS01

Tot Ion:	97	Resp:	52399
Ion	Ratio	Lower	Upper
97	100		
83	80.0	62.7	94.1
85	52.0	40.6	60.8
99	61.8	48.2	72.4



#56
 Ethyl methacrylate
 Concen: 21.701 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY002918.D
 Acq: 18 Jun 2020 14:36

Tgt Ion:	69	Resp:	70513
Ion	Ratio	Lower	Upper
69	100		
41	57.7	47.0	70.4
39	27.5	22.0	33.0





#57

1,3-Dichloropropane

Concen: 22.019 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY002918.D

Acq: 18 Jun 2020 14:36

Instrument :

MSVOA_Y

ClientSampleId :

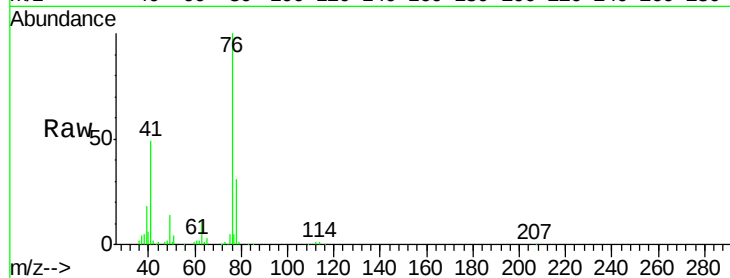
VY0618SBS01

Tot Ion: 76 Resp: 87859

Ion Ratio Lower Upper

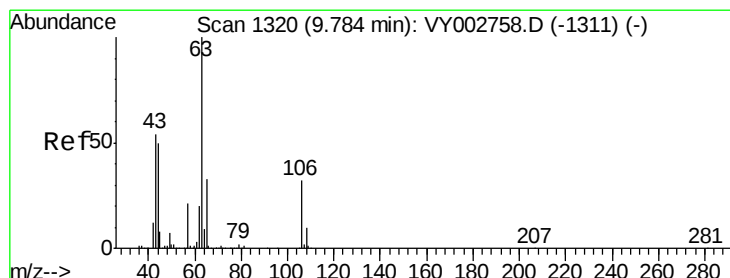
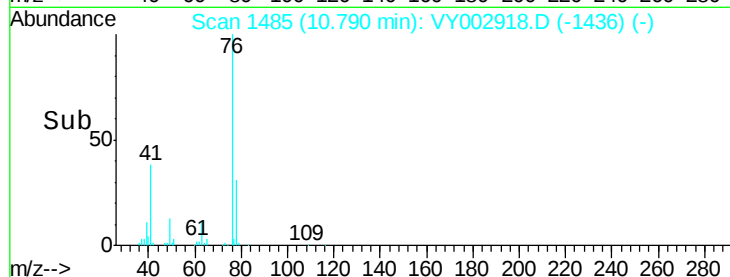
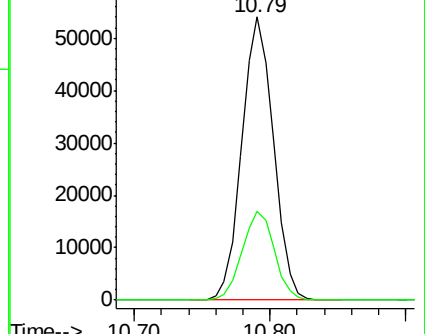
76 100

78 32.0 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 108.397 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY002918.D

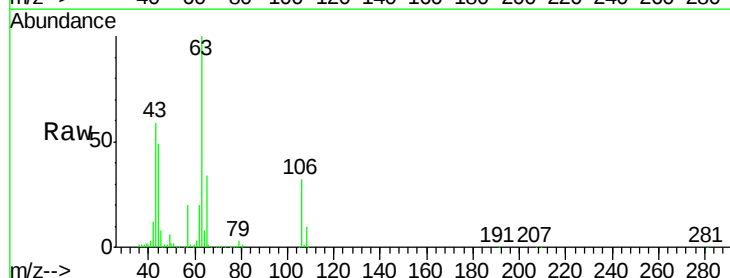
Acq: 18 Jun 2020 14:36

Tgt Ion: 63 Resp: 172104

Ion Ratio Lower Upper

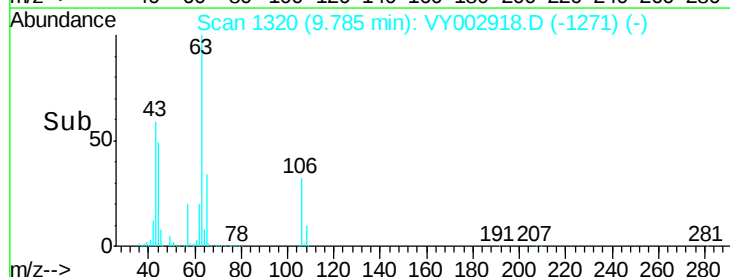
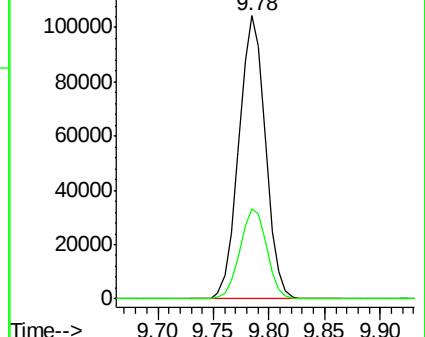
63 100

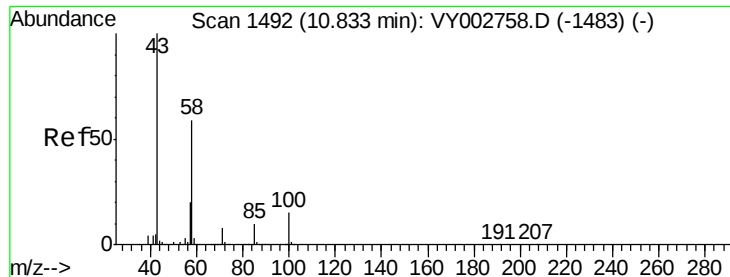
106 32.0 25.4 38.2



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

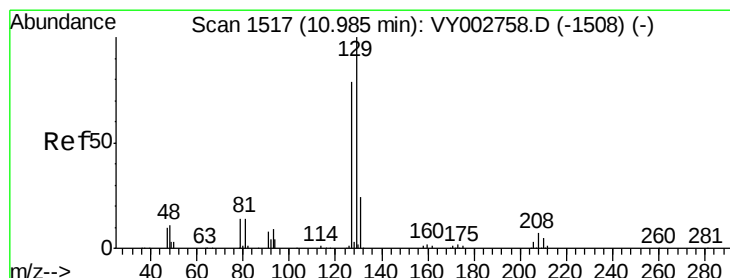
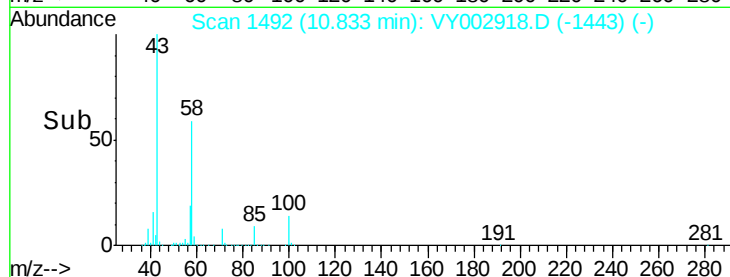
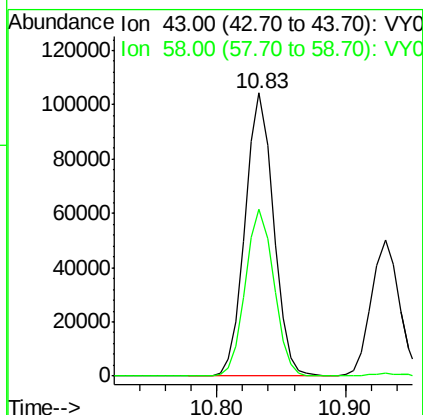
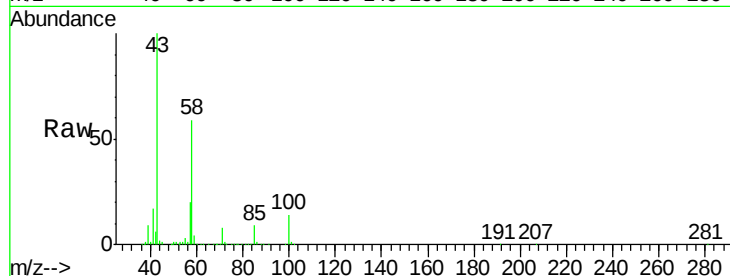




#59
2-Hexanone
Concen: 108.889 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY002918.D
Acq: 18 Jun 2020 14:36

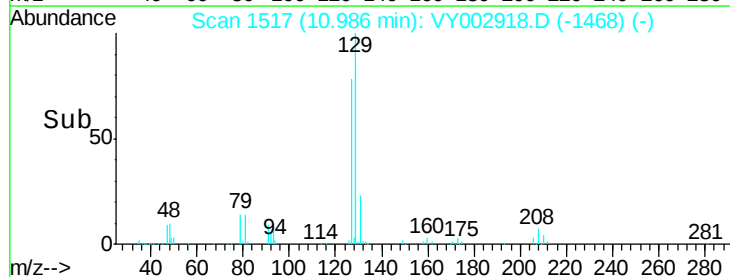
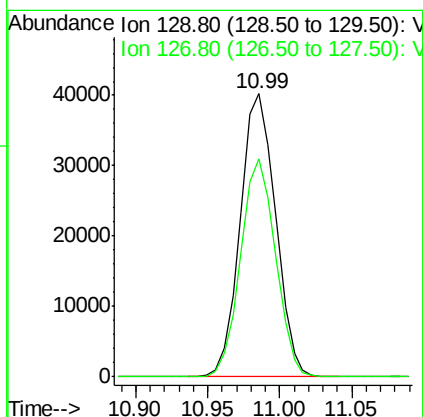
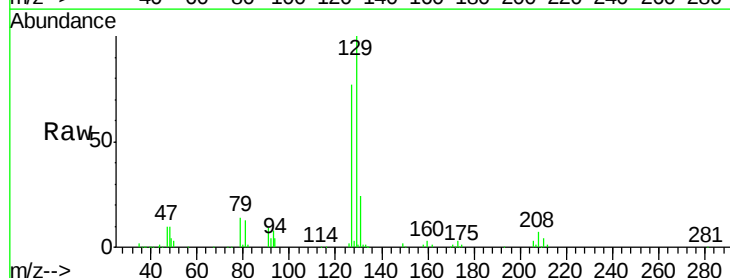
Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

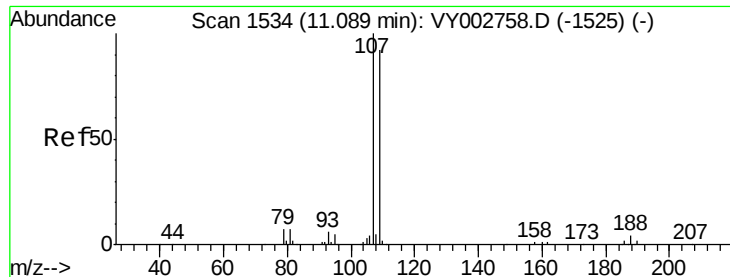
Tot Ion: 43 Resp: 158828
Ion Ratio Lower Upper
43 100
58 59.2 29.5 88.5



#60
Dibromochloromethane
Concen: 22.249 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY002918.D
Acq: 18 Jun 2020 14:36

Tgt Ion: 129 Resp: 68430
Ion Ratio Lower Upper
129 100
127 76.0 38.5 115.3

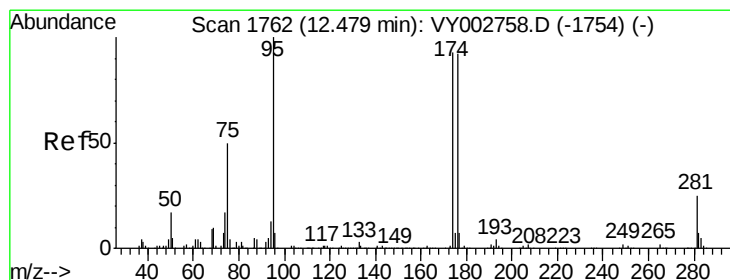
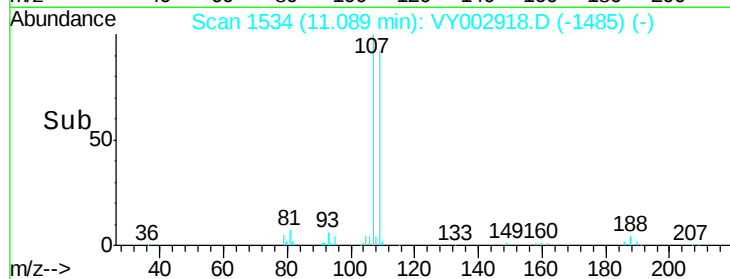
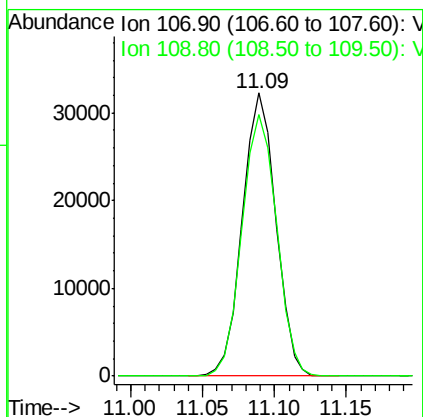
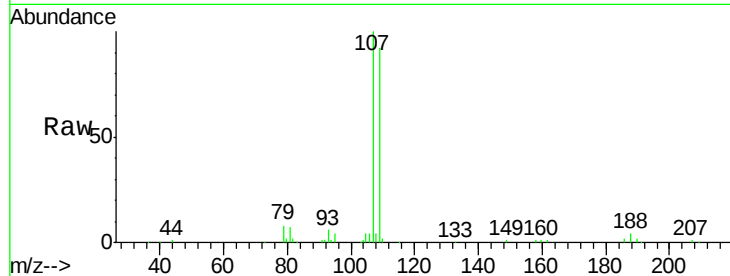




#61
 1,2-Dibromoethane
 Concen: 21.746 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY002918.D
 Acq: 18 Jun 2020 14:36

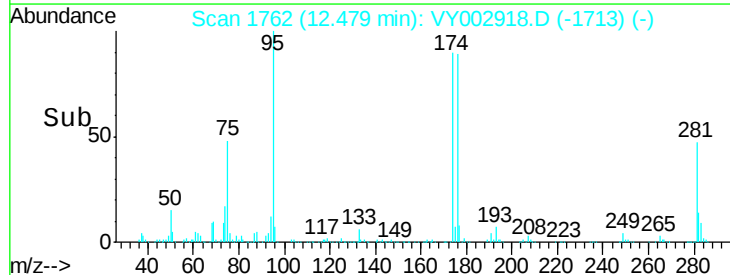
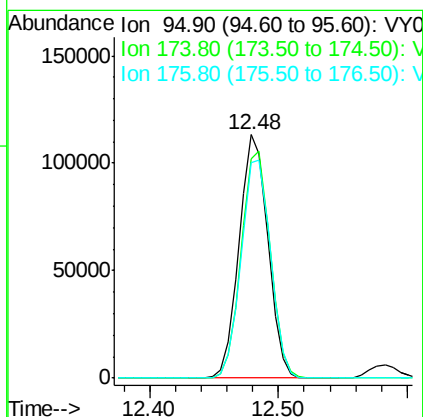
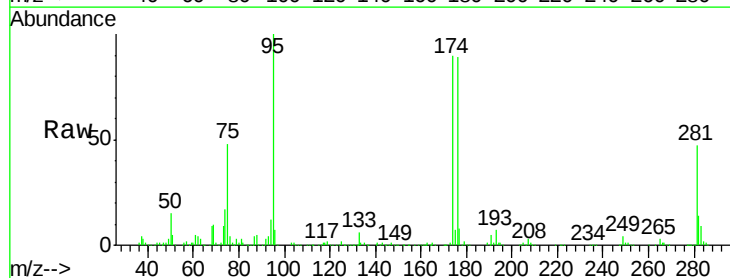
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0618SBS01

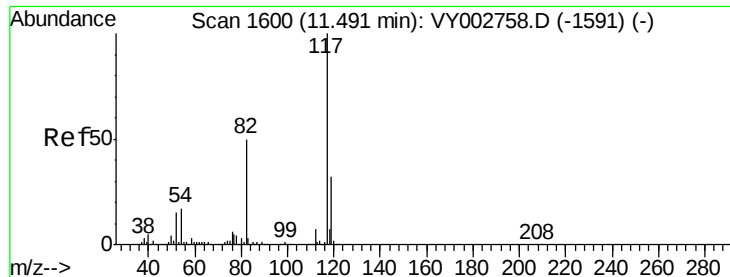
Tot Ion:107 Resp: 52039
 Ion Ratio Lower Upper
 107 100
 109 95.5 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 48.274 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY002918.D
 Acq: 18 Jun 2020 14:36

Tgt Ion: 95 Resp: 174742
 Ion Ratio Lower Upper
 95 100
 174 93.8 0.0 191.2
 176 91.6 0.0 188.8

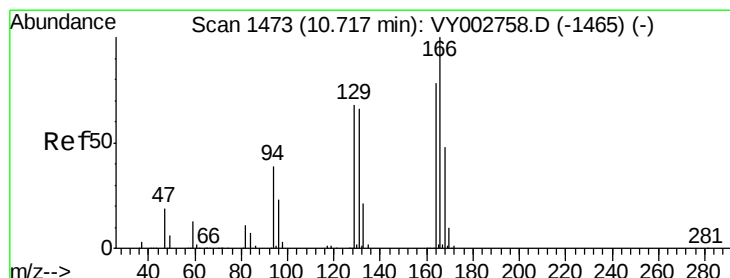
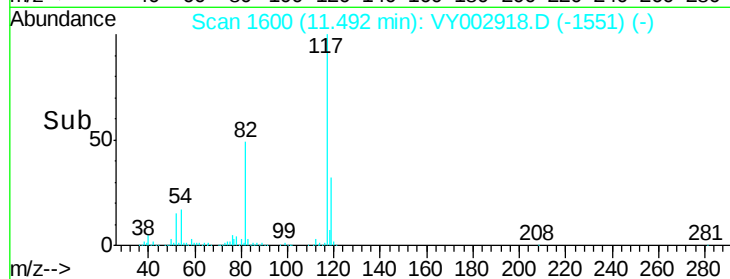
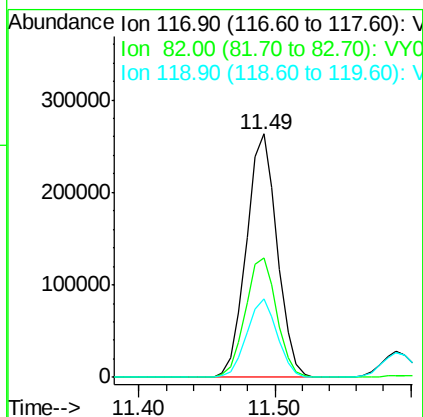
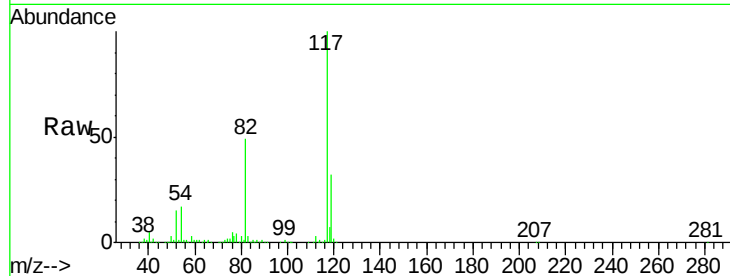




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002918.D
Acq: 18 Jun 2020 14:36

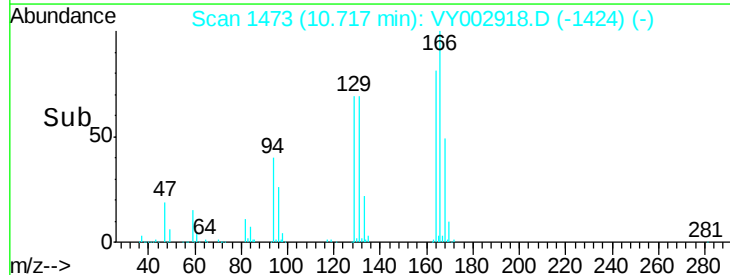
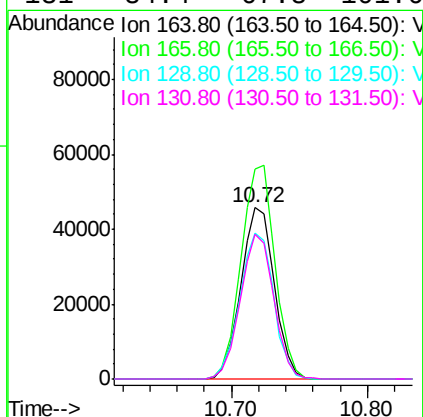
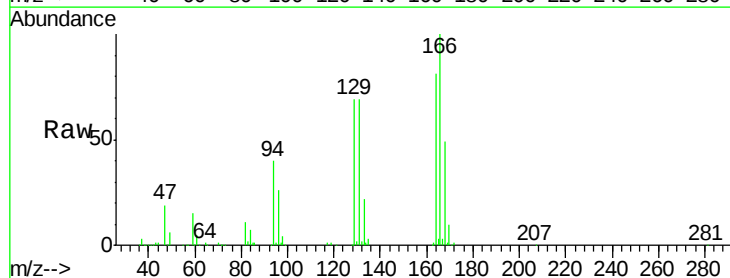
Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

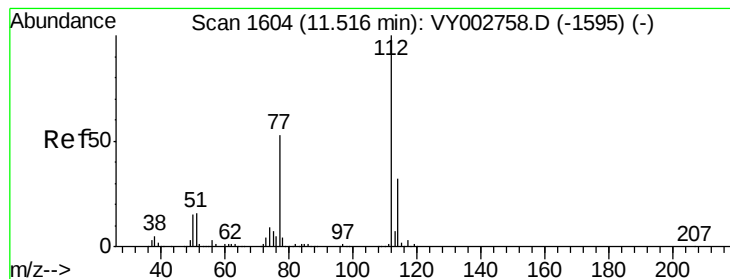
Tot Ion:117 Resp: 417274
Ion Ratio Lower Upper
117 100
82 49.2 40.2 60.4
119 32.4 25.8 38.8



#64
Tetrachloroethene
Concen: 20.763 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY002918.D
Acq: 18 Jun 2020 14:36

Tgt Ion:164 Resp: 78741
Ion Ratio Lower Upper
164 100
166 122.8 102.3 153.5
129 85.2 69.4 104.2
131 84.4 67.8 101.6





#65

Chlorobenzene

Concen: 21.514 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VY002918.D

Acq: 18 Jun 2020 14:36

Instrument :

MSVOA_Y

ClientSampleId :

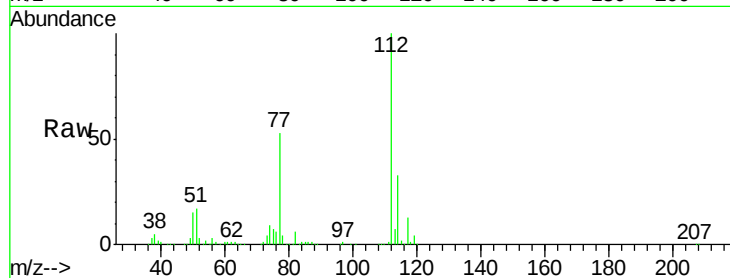
VY0618SBS01

Tot Ion:112 Resp: 177432

Ion Ratio Lower Upper

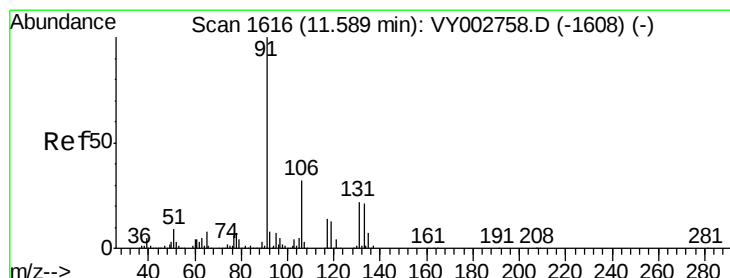
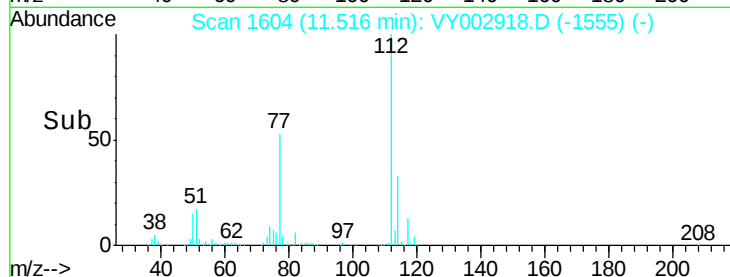
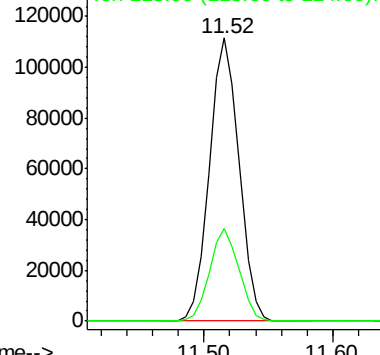
112 100

114 32.6 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 21.971 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY002918.D

Acq: 18 Jun 2020 14:36

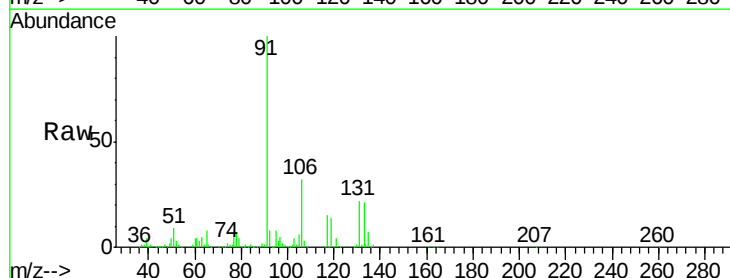
Tgt Ion:131 Resp: 68247

Ion Ratio Lower Upper

131 100

133 95.9 47.6 142.8

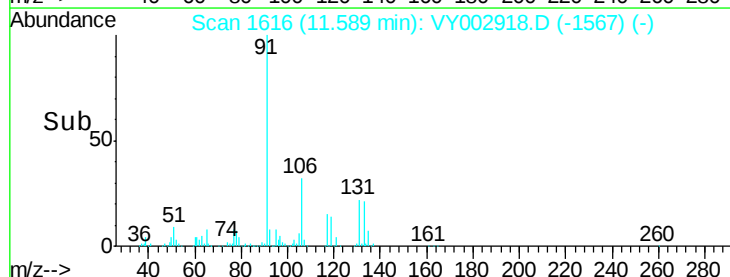
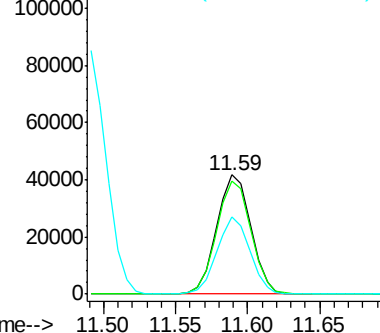
119 62.7 31.7 95.1



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 21.456 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. 0.01 min

Lab File: VY002918.D

Acq: 18 Jun 2020 14:36

Instrument :

MSVOA_Y

ClientSampleId :

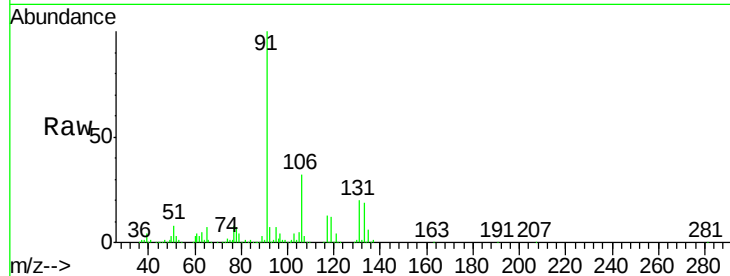
VY0618SBS01

Tot Ion: 91 Resp: 306777

Ion Ratio Lower Upper

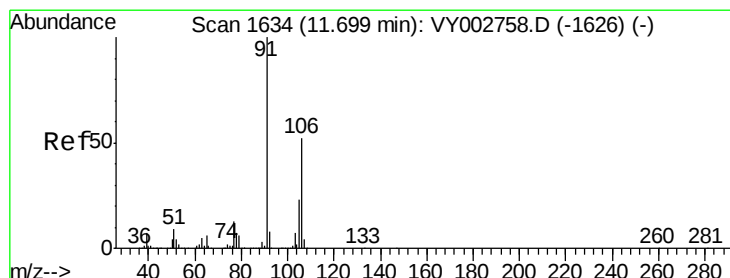
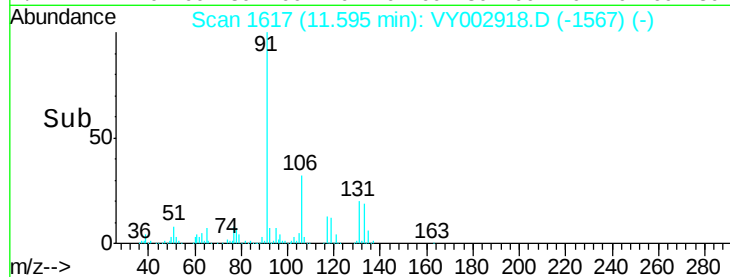
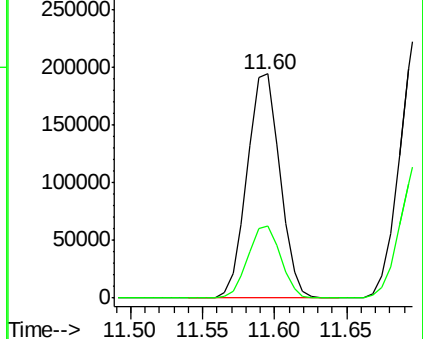
91 100

106 32.0 25.7 38.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 43.042 ug/l

RT: 11.70 min Scan# 1635

Delta R.T. 0.01 min

Lab File: VY002918.D

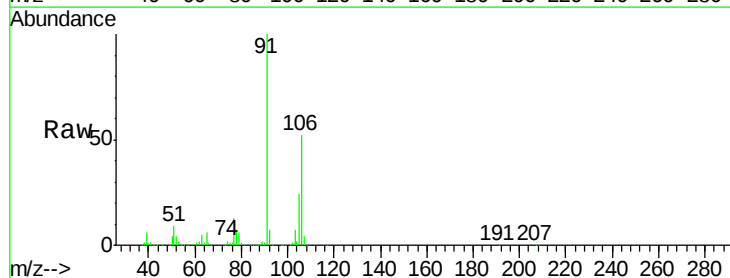
Acq: 18 Jun 2020 14:36

Tgt Ion: 106 Resp: 238605

Ion Ratio Lower Upper

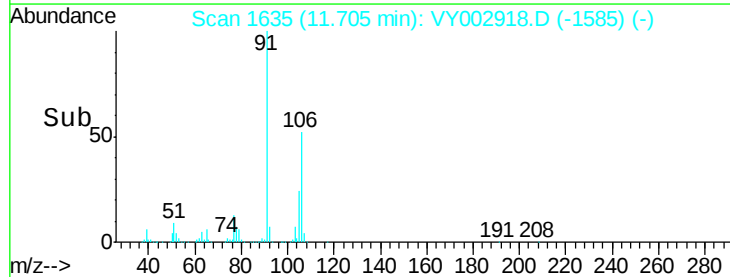
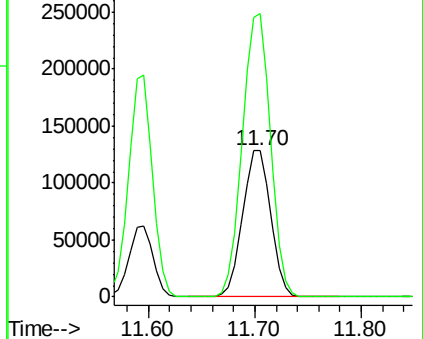
106 100

91 193.5 156.0 234.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VY0

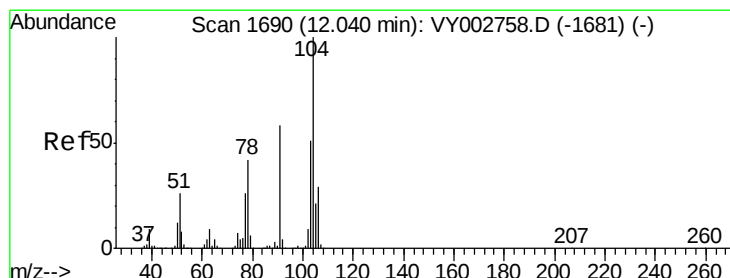
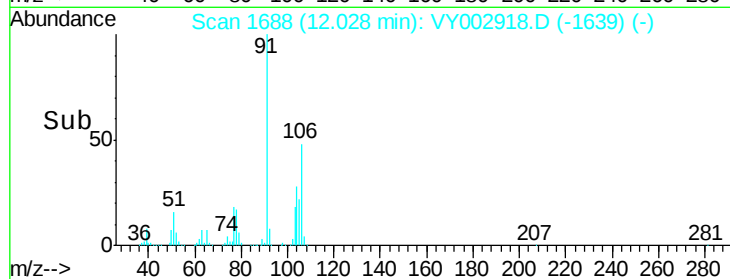
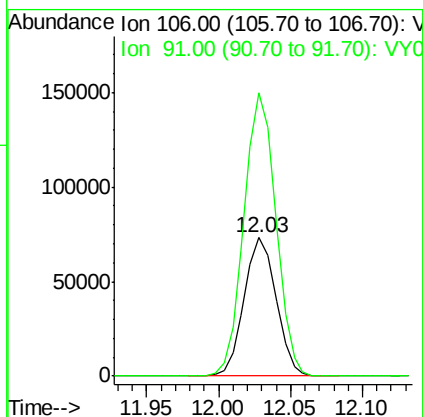
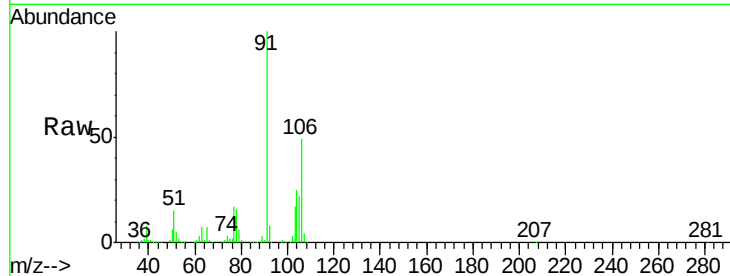




#69
o-Xylene
Concen: 21.537 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY002918.D
Acq: 18 Jun 2020 14:36

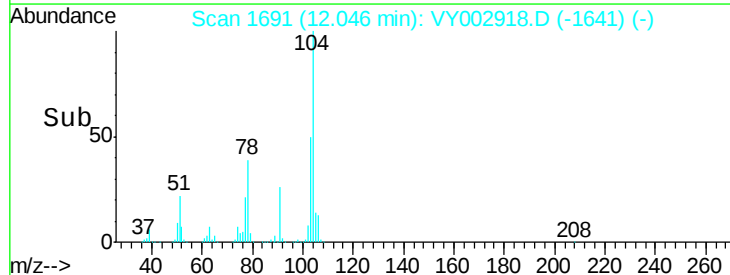
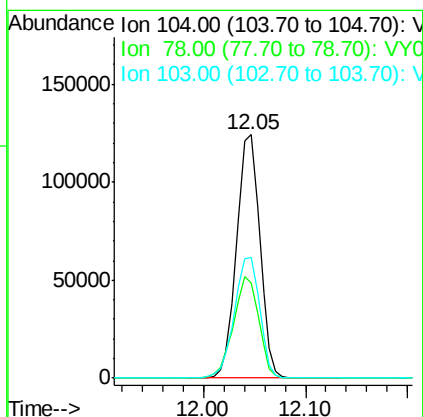
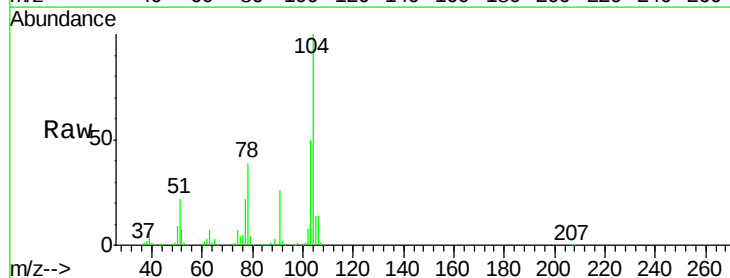
Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

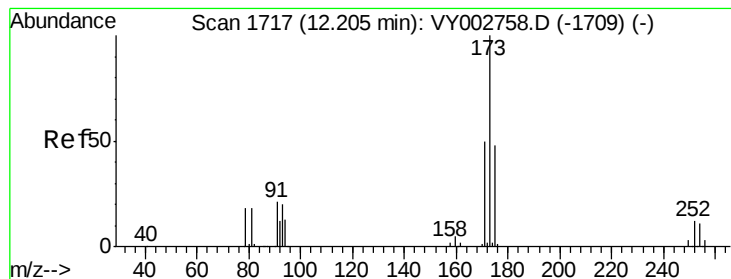
Tot Ion:106 Resp: 112712
Ion Ratio Lower Upper
106 100
91 204.0 102.4 307.1



#70
Styrene
Concen: 21.561 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY002918.D
Acq: 18 Jun 2020 14:36

Tgt Ion:104 Resp: 195602
Ion Ratio Lower Upper
104 100
78 45.1 36.2 54.4
103 54.1 43.6 65.4





#71

Bromoform

Concen: 21.747 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY002918.D

Acq: 18 Jun 2020 14:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0618SBS01

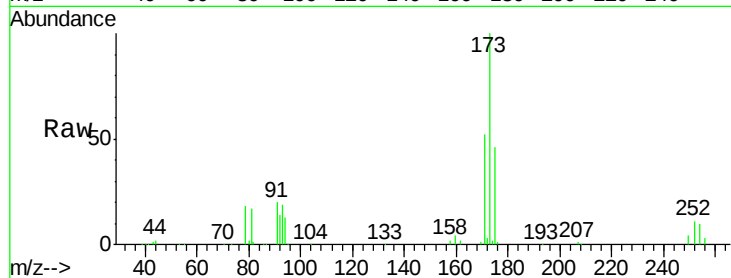
Tot Ion:173 Resp: 45199

Ion Ratio Lower Upper

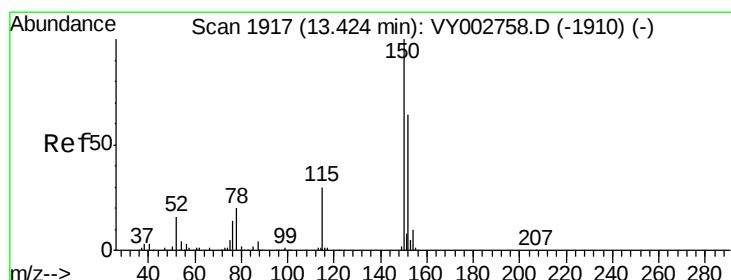
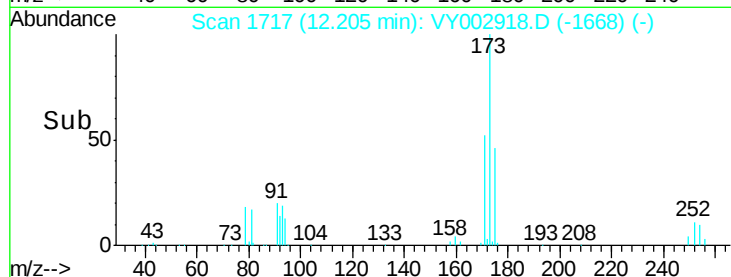
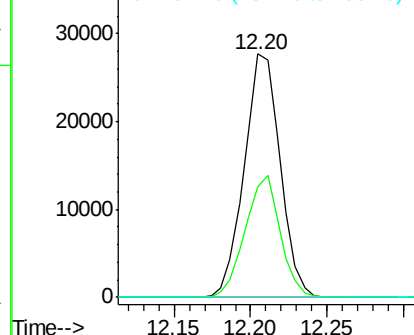
173 100

175 48.6 24.3 72.8

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY002918.D

Acq: 18 Jun 2020 14:36

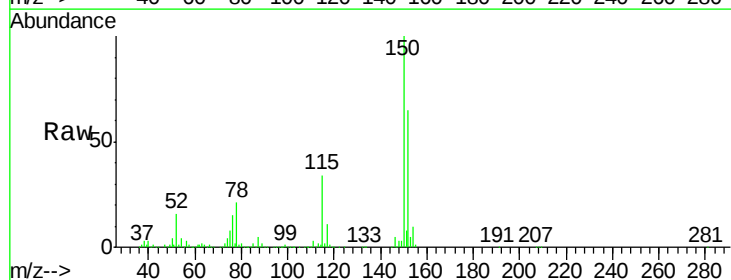
Tgt Ion:152 Resp: 226390

Ion Ratio Lower Upper

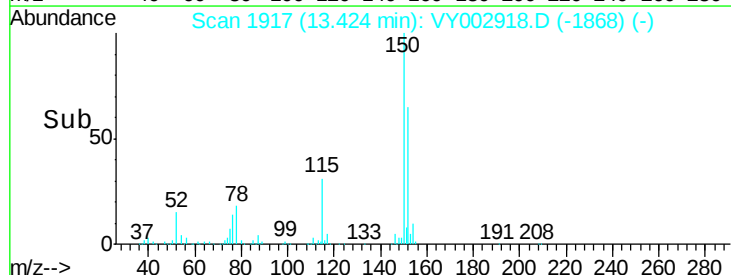
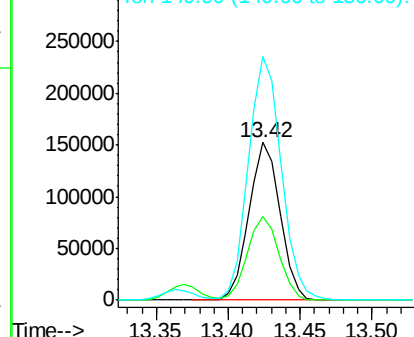
152 100

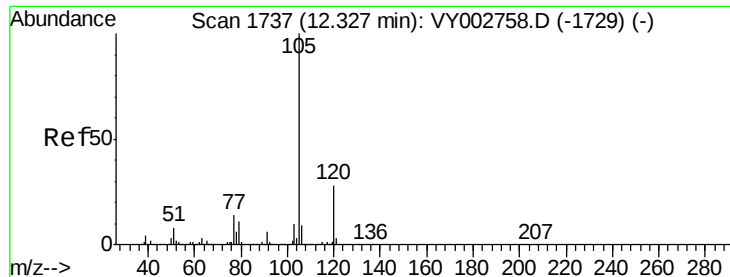
115 54.0 27.0 81.0

150 164.5 0.0 344.8



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





#73

Isopropylbenzene

Concen: 21.500 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY002918.D

Acq: 18 Jun 2020 14:36

Instrument :

MSVOA_Y

ClientSampleId :

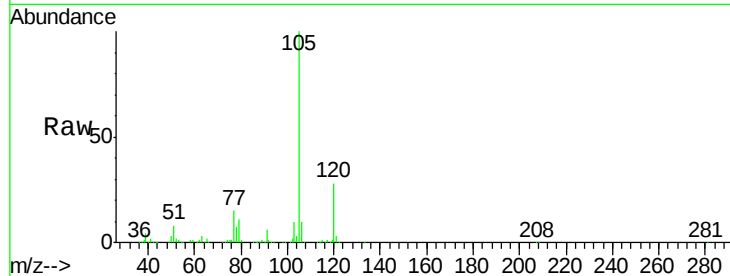
VY0618SBS01

Tot Ion:105 Resp: 311918

Ion Ratio Lower Upper

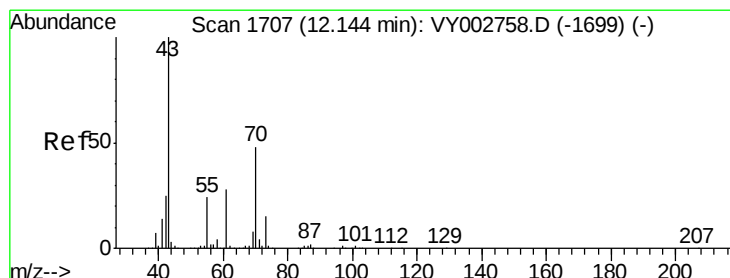
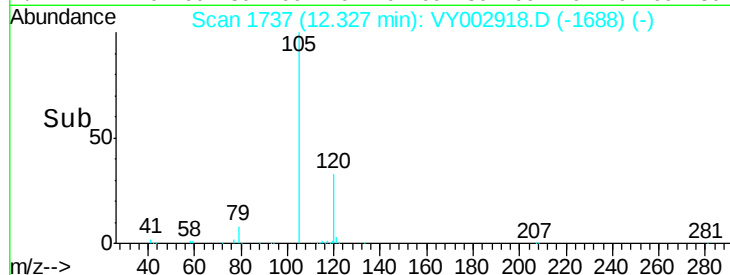
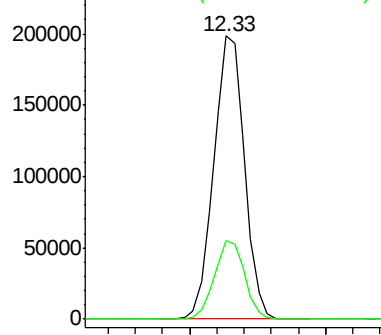
105 100

120 27.4 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.174 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY002918.D

Acq: 18 Jun 2020 14:36

Tgt Ion: 43 Resp: 78819

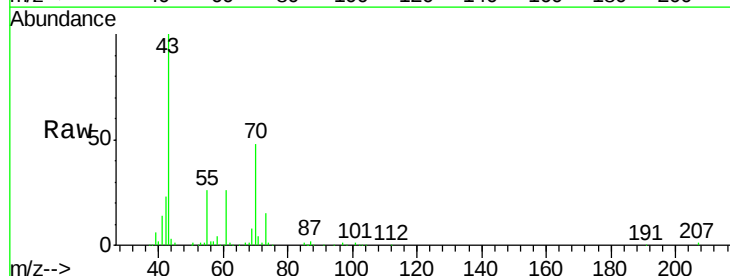
Ion Ratio Lower Upper

43 100

70 47.6 37.7 56.5

55 26.0 19.8 29.6

61 26.4 21.7 32.5

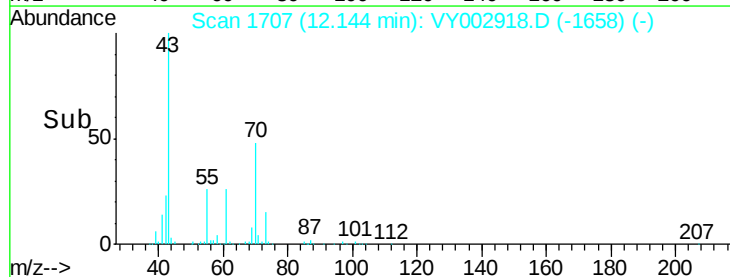
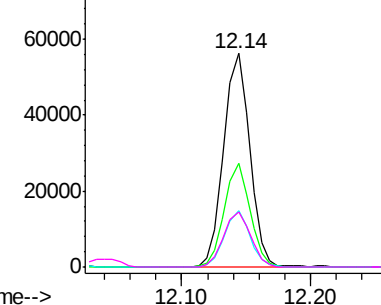


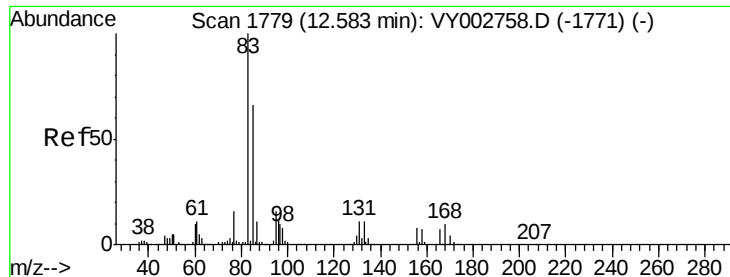
Abundance Ion 43.00 (42.70 to 43.70): VY0

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: 22.736 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY002918.D

Acq: 18 Jun 2020 14:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0618SBS01

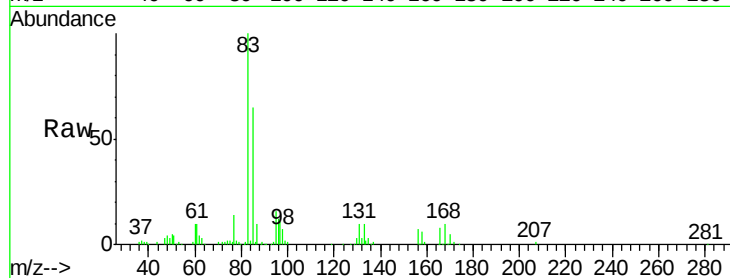
Tot Ion: 83 Resp: 57876

Ion Ratio Lower Upper

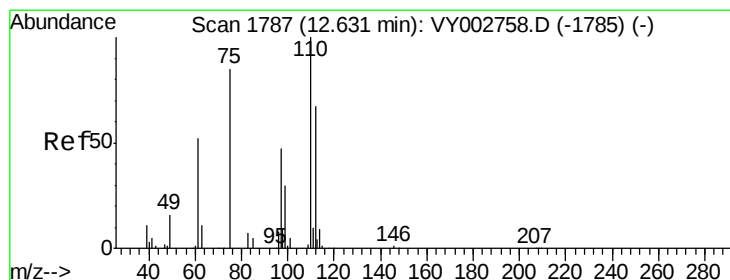
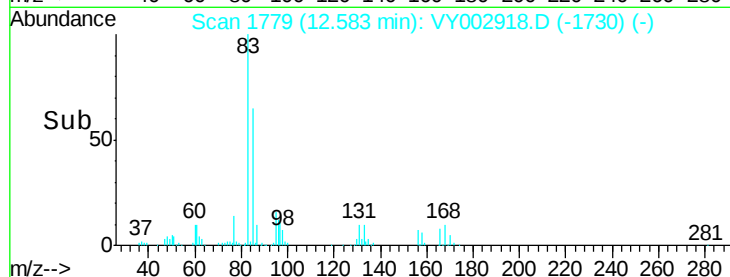
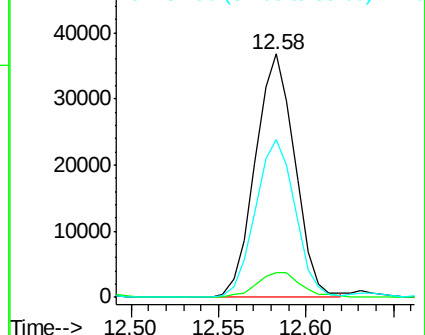
83 100

131 11.5 5.8 17.4

85 65.0 32.6 98.0



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



#76

1,2,3-Trichloropropane

Concen: 41.329 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY002918.D

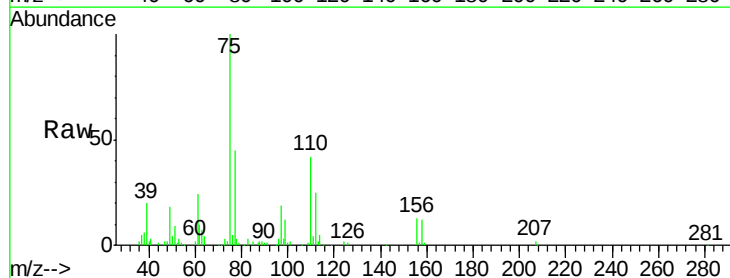
Acq: 18 Jun 2020 14:36

Tgt Ion: 75 Resp: 84308

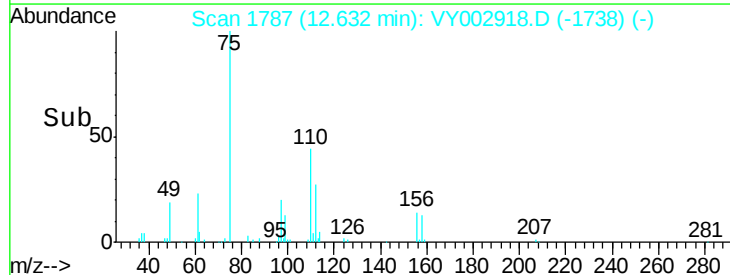
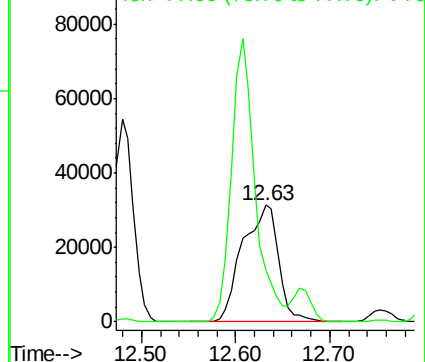
Ion Ratio Lower Upper

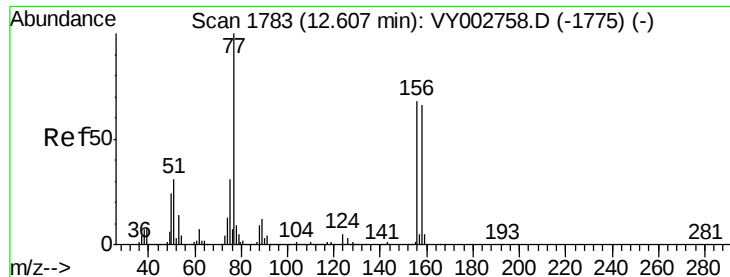
75 100

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

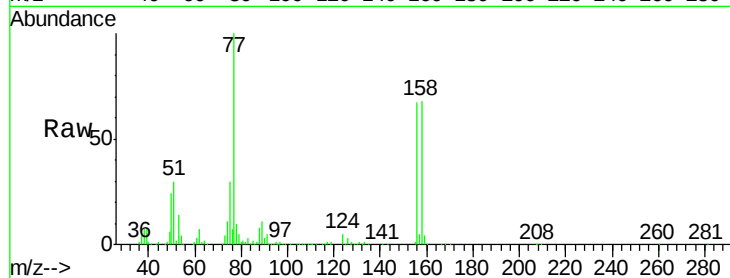




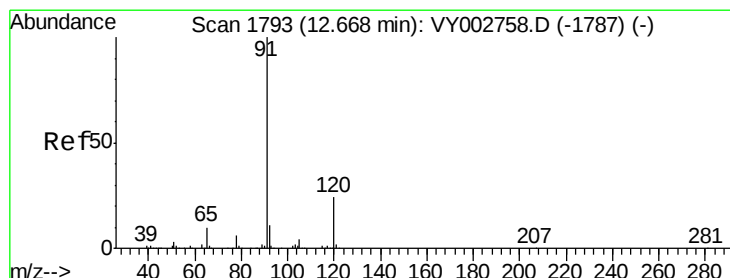
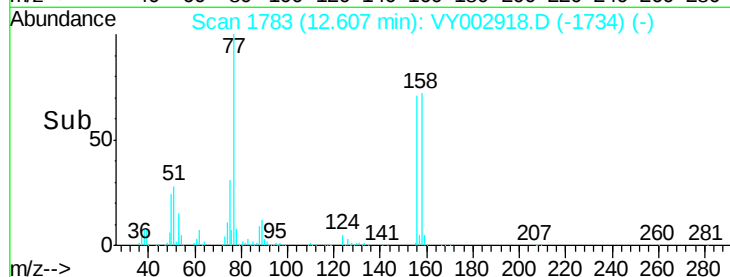
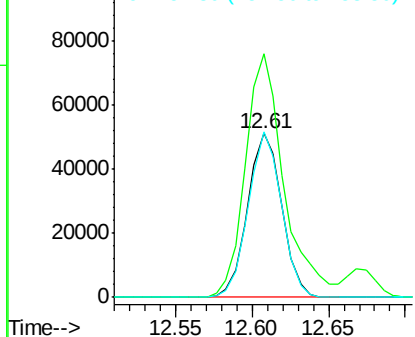
#77
Bromobenzene
Concen: 21.021 ug/l
RT: 12.61 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VY002918.D
Acq: 18 Jun 2020 14:36

Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

Tot Ion:156 Resp: 79412
Ion Ratio Lower Upper
156 100
77 166.6 81.4 244.2
158 98.1 48.5 145.6

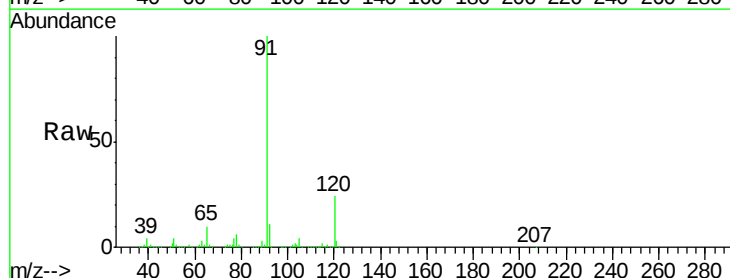


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VY0
Ion 157.80 (157.50 to 158.50): V

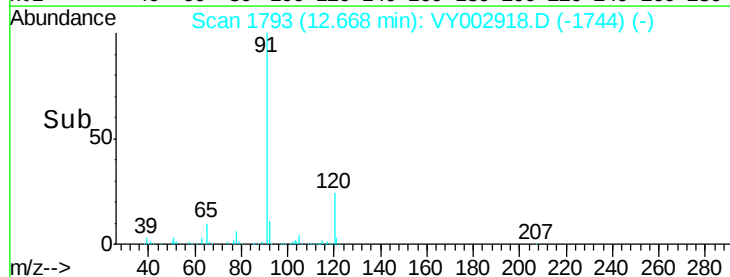
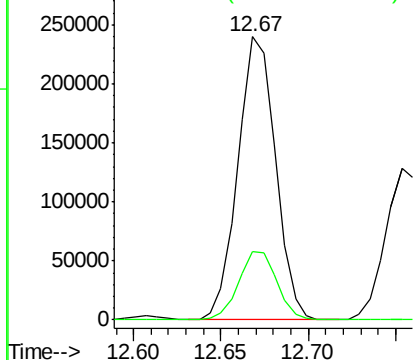


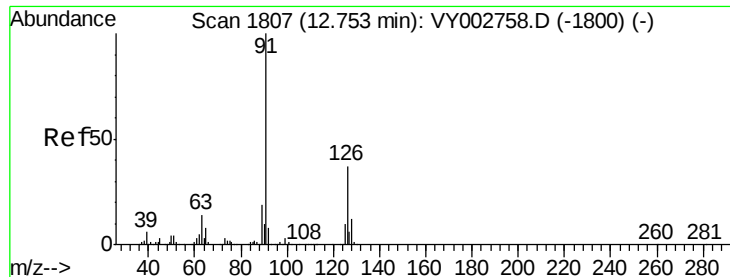
#78
n-propylbenzene
Concen: 21.459 ug/l
RT: 12.67 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VY002918.D
Acq: 18 Jun 2020 14:36

Tgt Ion: 91 Resp: 359624
Ion Ratio Lower Upper
91 100
120 24.6 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.400 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY002918.D

Acq: 18 Jun 2020 14:36

Instrument :

MSVOA_Y

ClientSampleId :

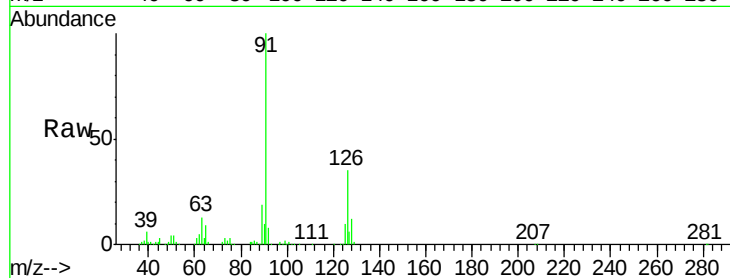
VY0618SBS01

Tot Ion: 91 Resp: 201173

Ion Ratio Lower Upper

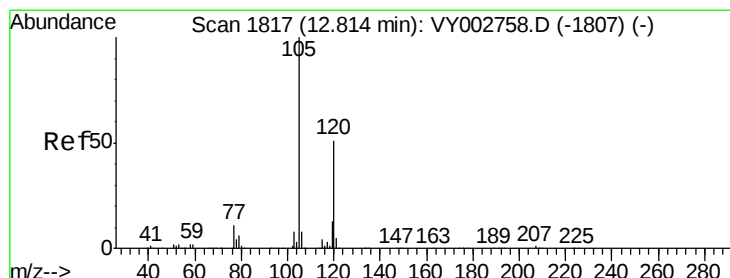
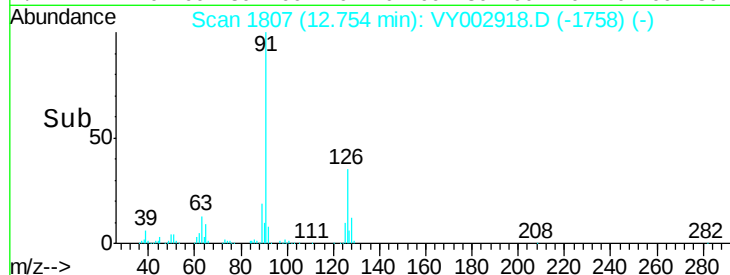
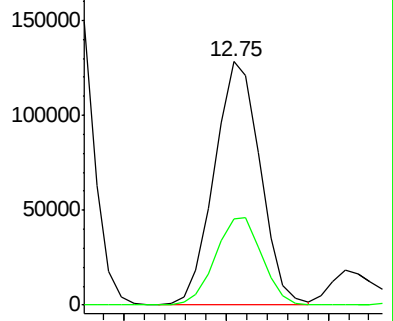
91 100

126 36.4 18.4 55.4



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 21.484 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.01 min

Lab File: VY002918.D

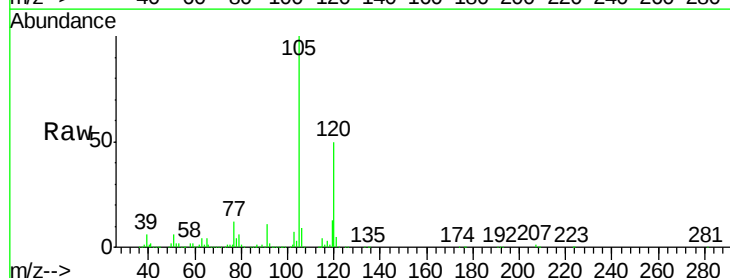
Acq: 18 Jun 2020 14:36

Tgt Ion:105 Resp: 260247

Ion Ratio Lower Upper

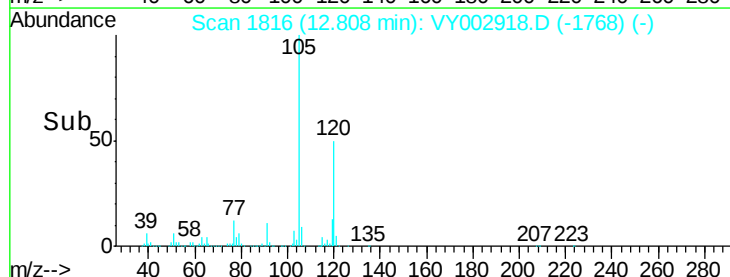
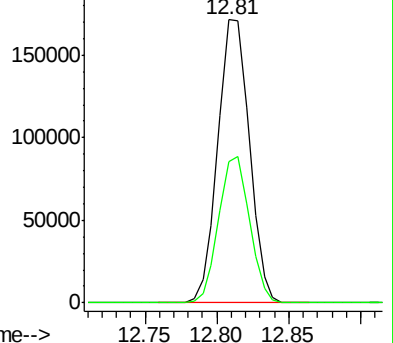
105 100

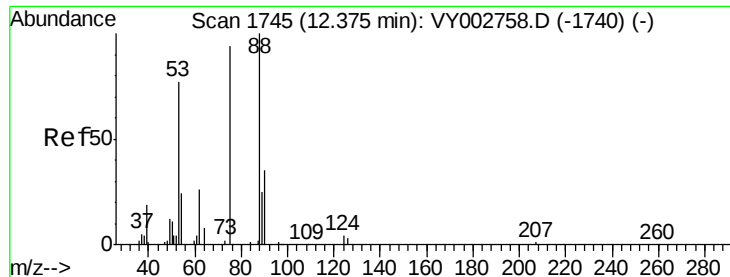
120 50.7 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 21.114 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY002918.D

Acq: 18 Jun 2020 14:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0618SBS01

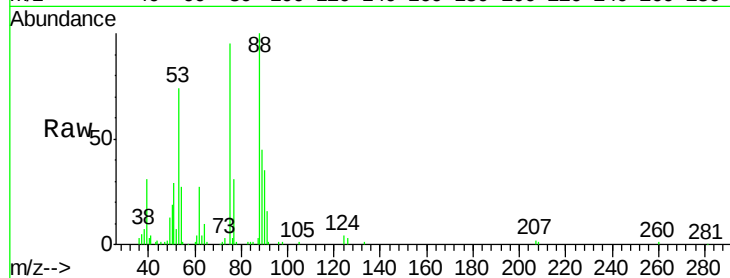
Tot Ion: 75 Resp: 22861

Ion Ratio Lower Upper

75 100

53 81.1 64.0 96.0

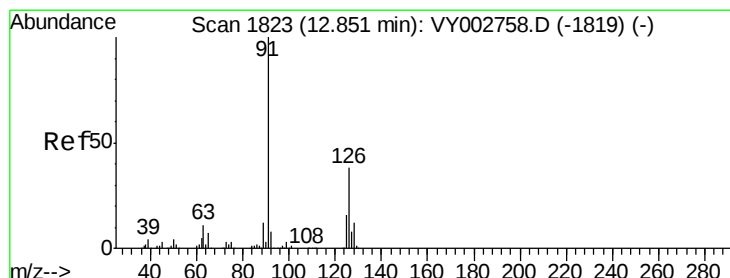
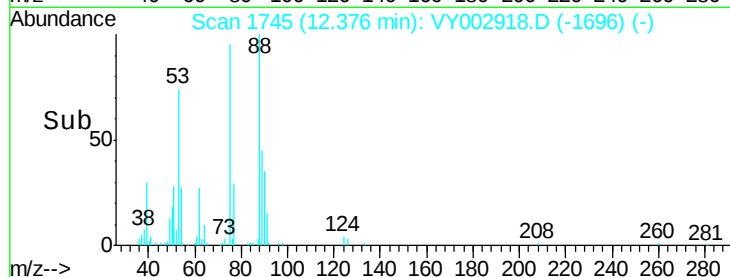
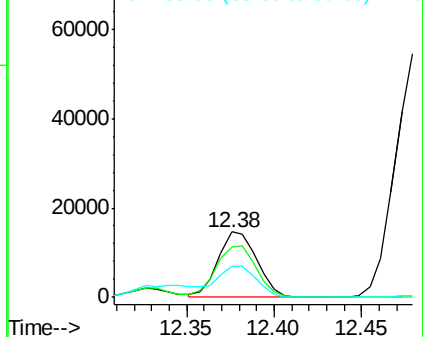
89 47.7 37.4 56.2



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: 21.573 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. 0.01 min

Lab File: VY002918.D

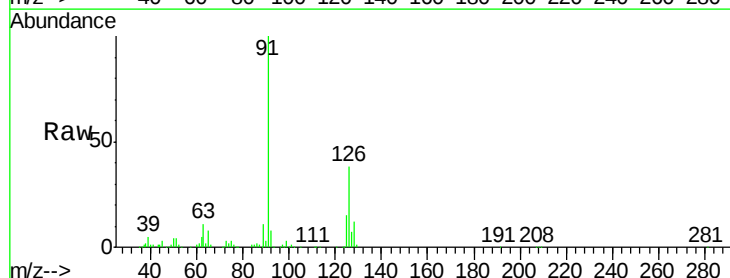
Acq: 18 Jun 2020 14:36

Tgt Ion: 91 Resp: 212480

Ion Ratio Lower Upper

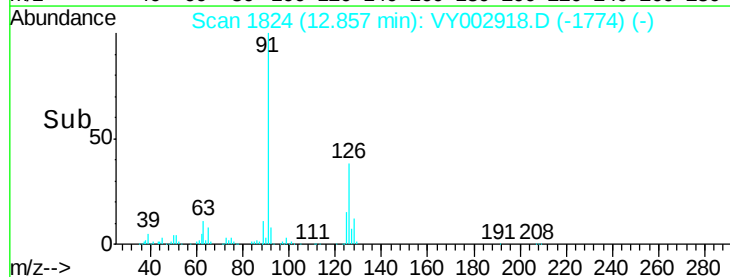
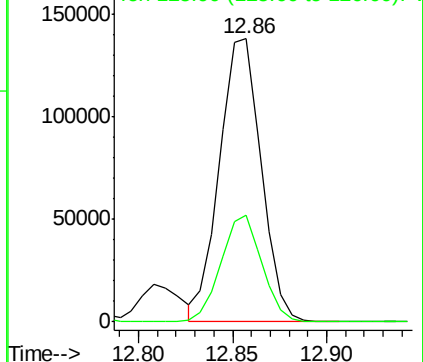
91 100

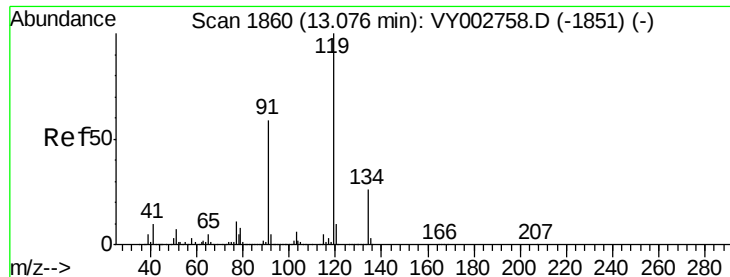
126 37.0 18.5 55.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

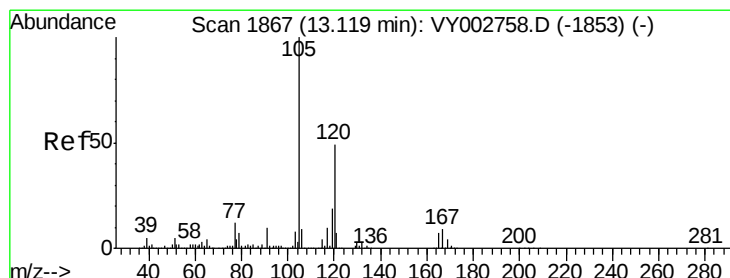
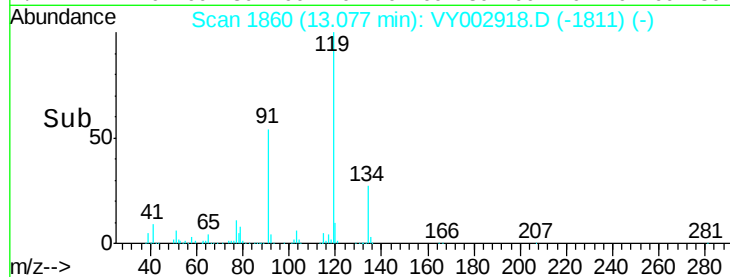
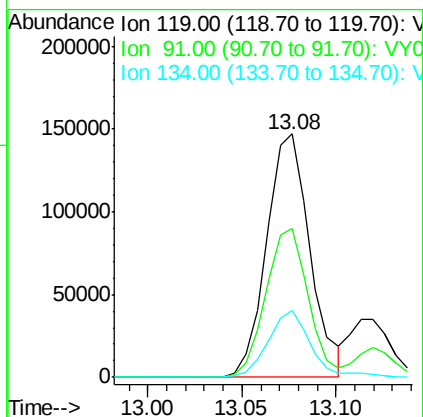
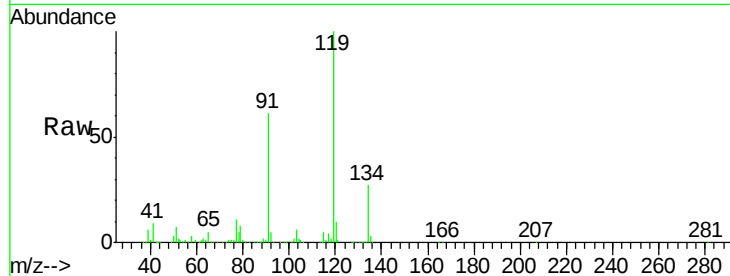




#83
 tert-Butylbenzene
 Concen: 21.780 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VY002918.D
 Acq: 18 Jun 2020 14:36

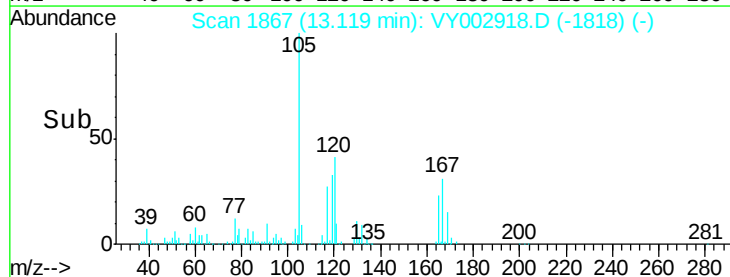
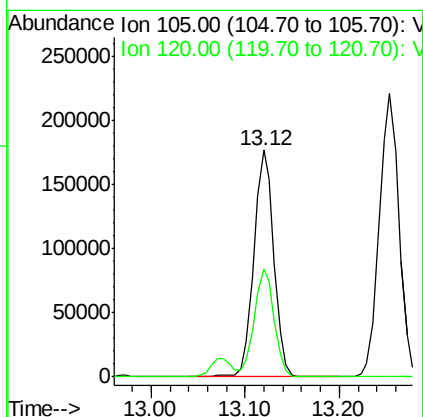
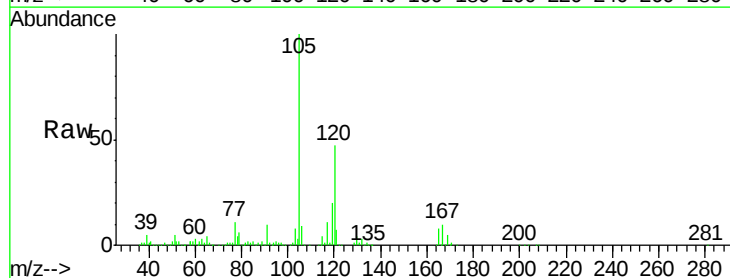
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0618SBS01

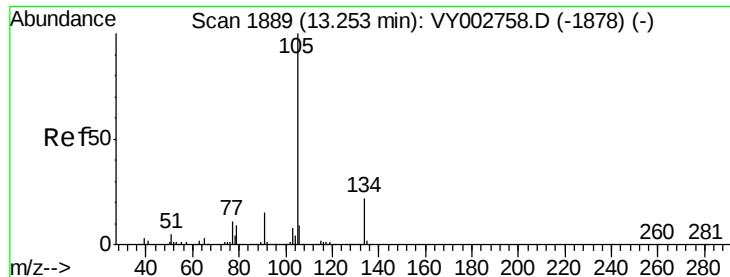
Tot Ion:119 Resp: 235336
 Ion Ratio Lower Upper
 119 100
 91 59.5 29.8 89.4
 134 27.2 13.3 39.8



#84
 1,2,4-Trimethylbenzene
 Concen: 21.656 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VY002918.D
 Acq: 18 Jun 2020 14:36

Tgt Ion:105 Resp: 263770
 Ion Ratio Lower Upper
 105 100
 120 46.8 23.6 70.8





#85

sec-Butylbenzene

Concen: 21.606 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY002918.D

Acq: 18 Jun 2020 14:36

Instrument :

MSVOA_Y

ClientSampleId :

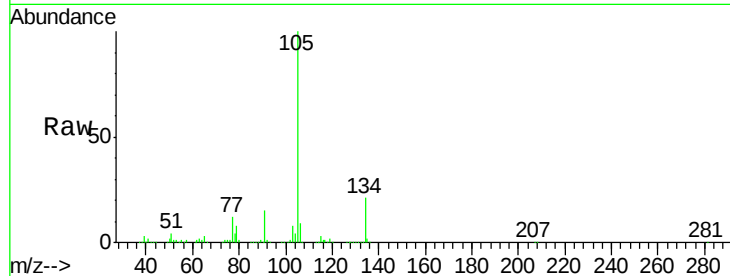
VY0618SBS01

Tot Ion:105 Resp: 319218

Ion Ratio Lower Upper

105 100

134 21.3 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.25

250000

200000

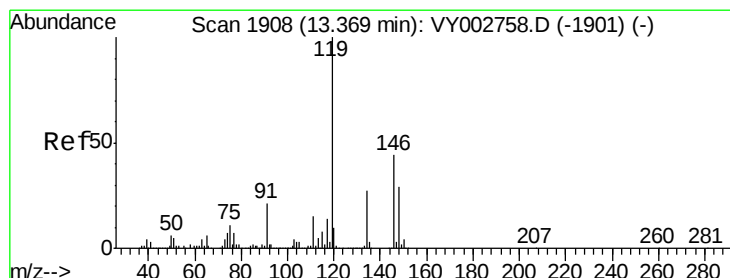
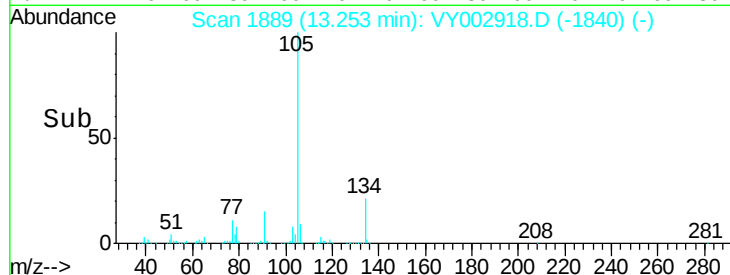
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 21.739 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY002918.D

Acq: 18 Jun 2020 14:36

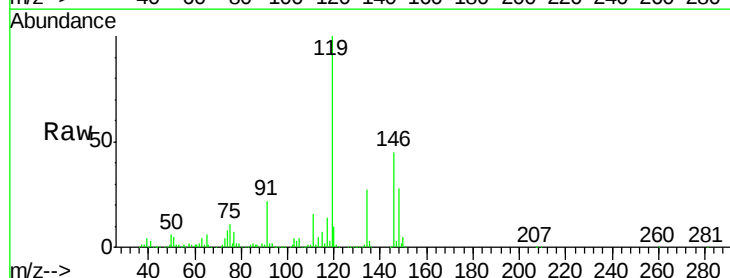
Tgt Ion:119 Resp: 298857

Ion Ratio Lower Upper

119 100

134 26.6 13.7 41.0

91 21.5 10.8 32.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

13.37

250000

200000

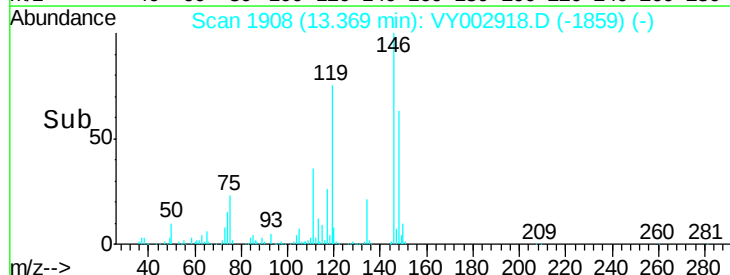
150000

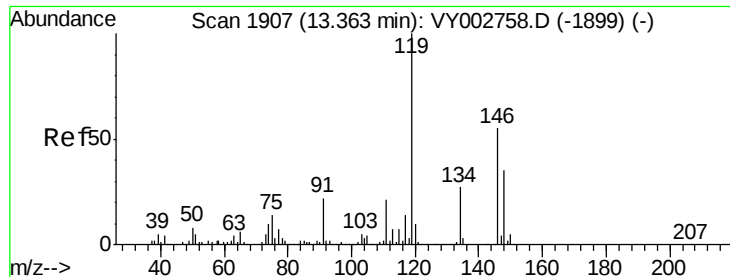
100000

50000

0

Time-->

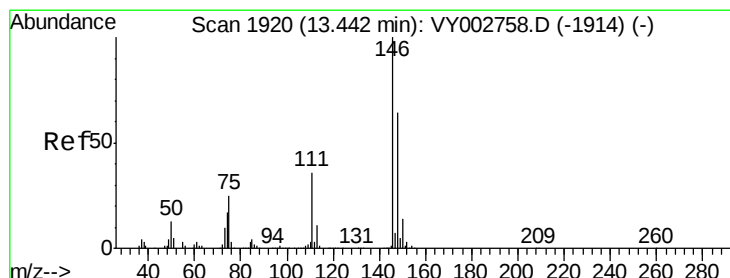
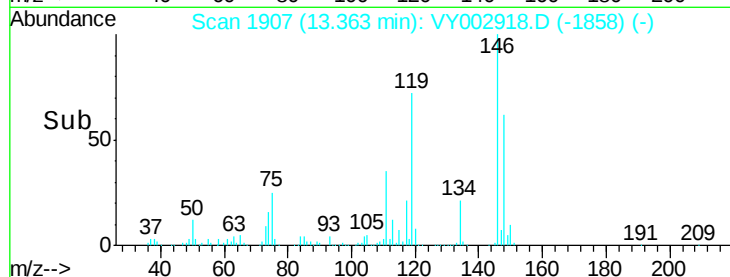
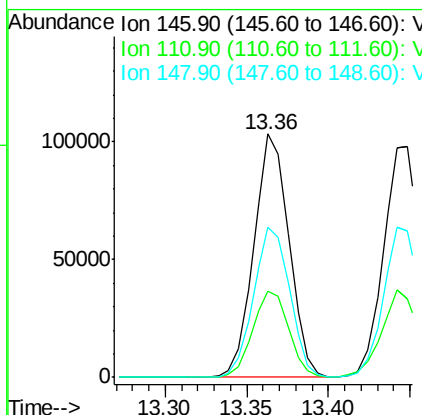
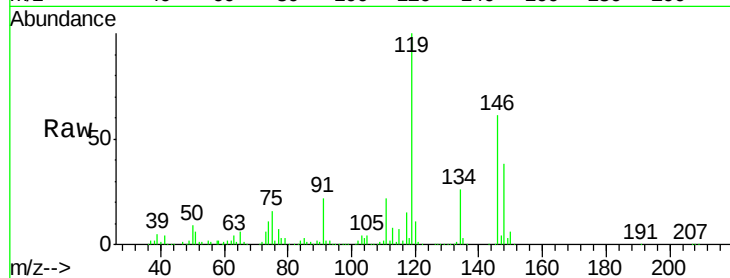




#87
 1,3-Dichlorobenzene
 Concen: 21.670 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY002918.D
 Acq: 18 Jun 2020 14:36

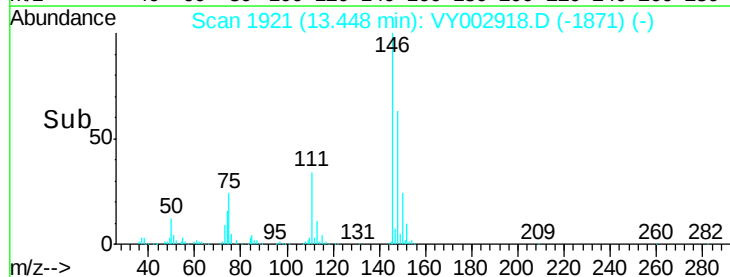
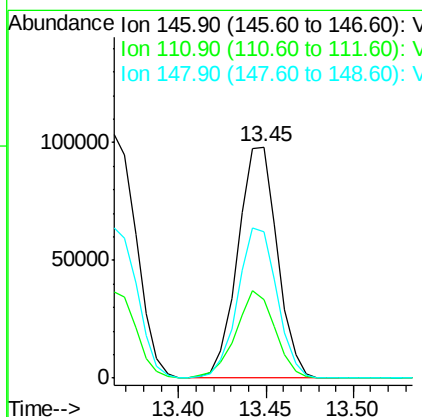
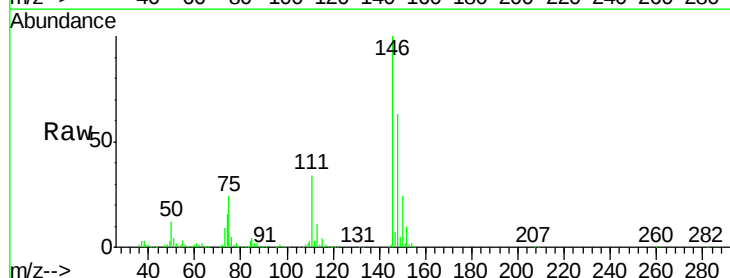
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0618SBS01

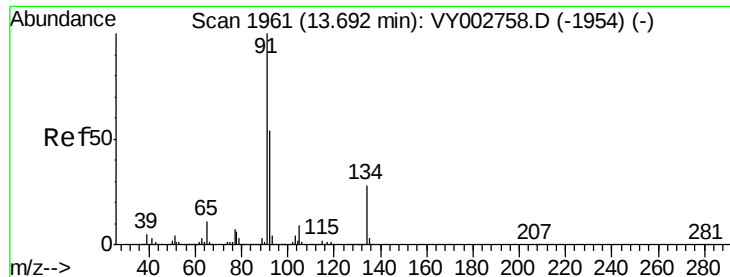
Tot Ion:146 Resp: 155067
 Ion Ratio Lower Upper
 146 100
 111 36.4 18.4 55.0
 148 63.5 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 21.500 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. 0.01 min
 Lab File: VY002918.D
 Acq: 18 Jun 2020 14:36

Tgt Ion:146 Resp: 153900
 Ion Ratio Lower Upper
 146 100
 111 37.4 18.1 54.3
 148 64.7 32.1 96.3

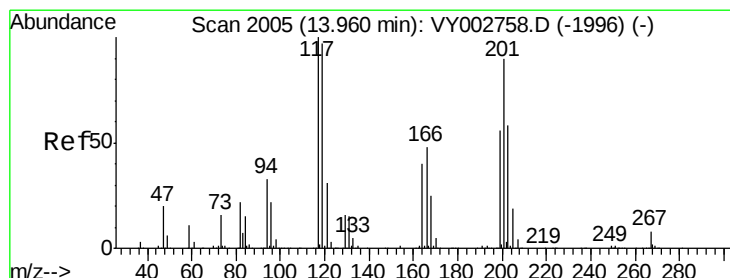
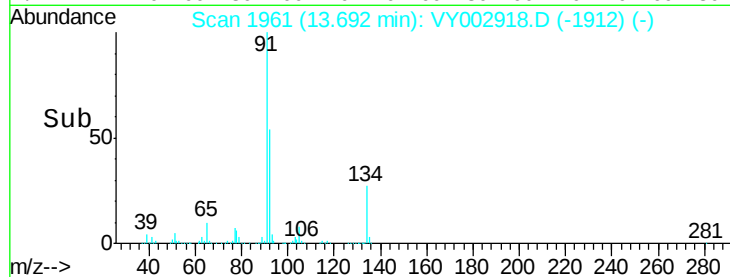
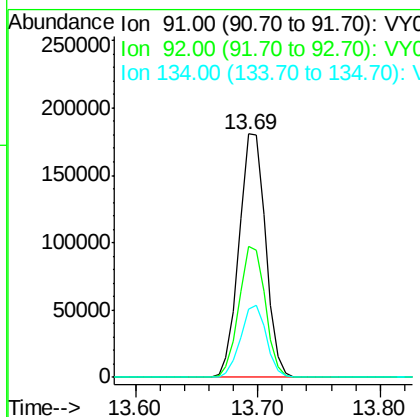
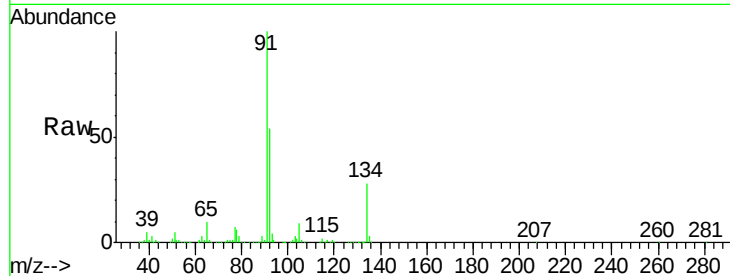




#89
n-Butylbenzene
Concen: 21.696 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY002918.D
Acq: 18 Jun 2020 14:36

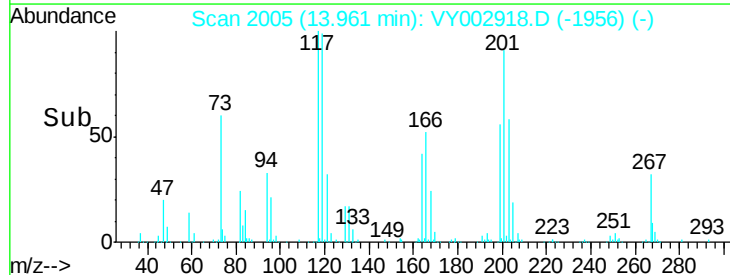
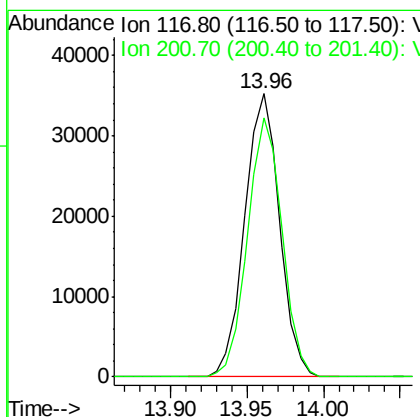
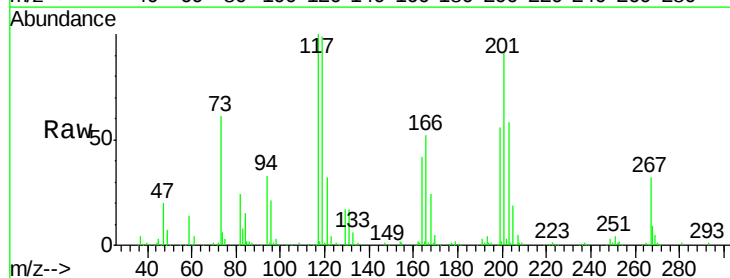
Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.4	27.1	81.2
134	28.9	14.3	42.9



#90
Hexachloroethane
Concen: 21.651 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY002918.D
Acq: 18 Jun 2020 14:36

Tgt Ion	Ratio	Lower	Upper
117	100		
201	90.4	43.9	131.6

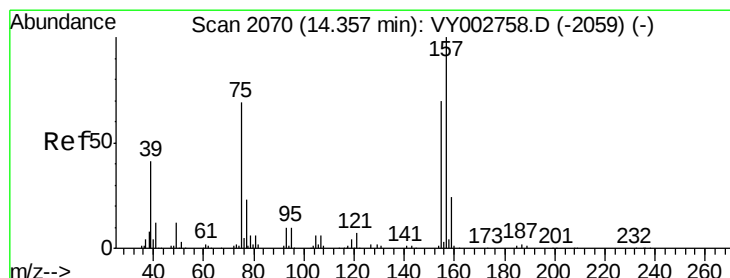
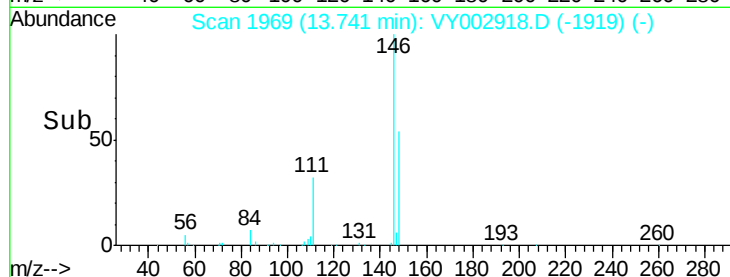
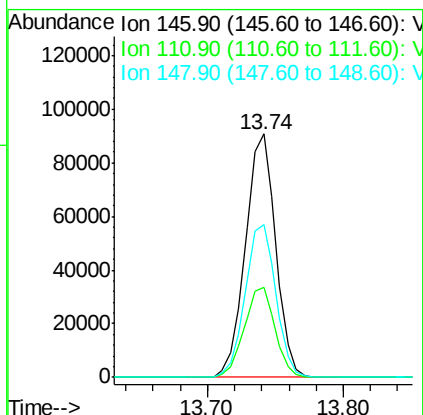
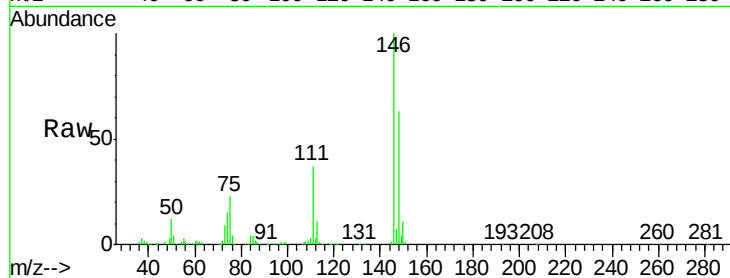




#91
 1,2-Dichlorobenzene
 Concen: 21.787 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.01 min
 Lab File: VY002918.D
 Acq: 18 Jun 2020 14:36

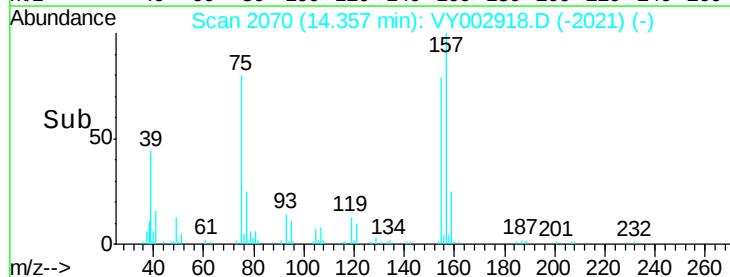
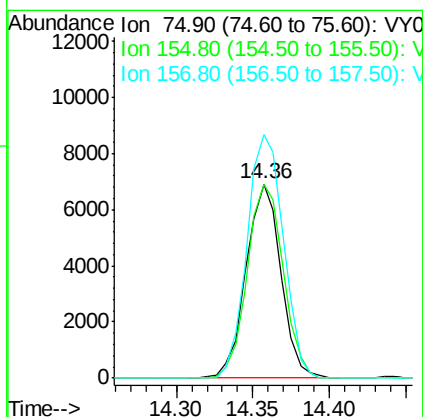
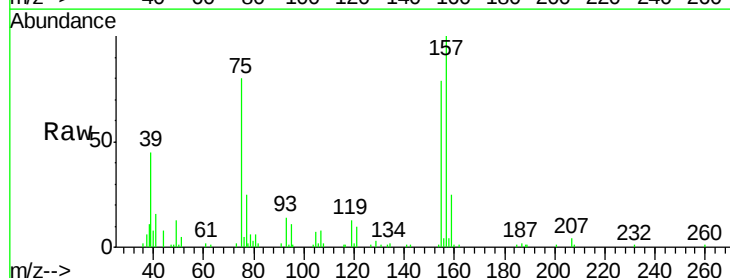
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0618SBS01

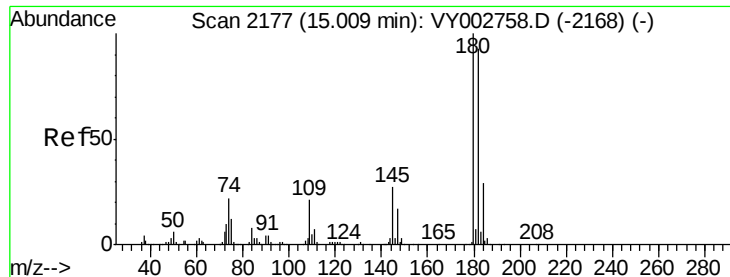
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.9	56.9
148	63.7	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.324 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY002918.D
 Acq: 18 Jun 2020 14:36

Tgt Ion	Ratio	Lower	Upper
75	100		
155	103.3	53.5	160.5
157	130.9	69.9	209.7

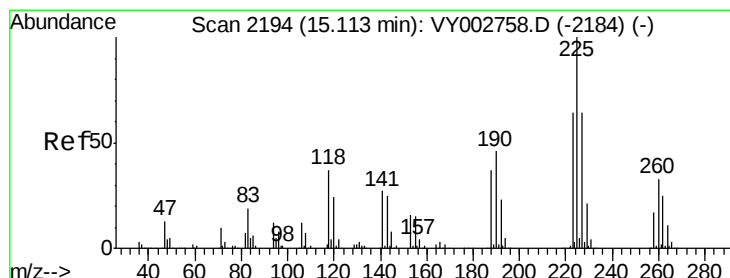
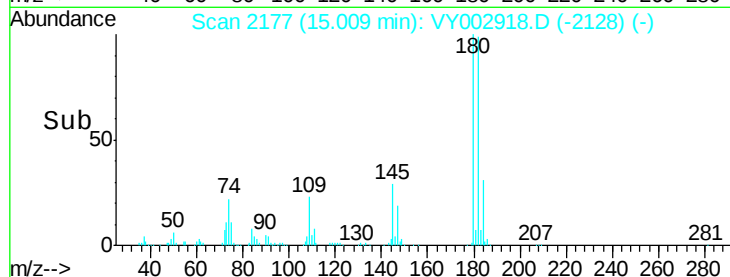
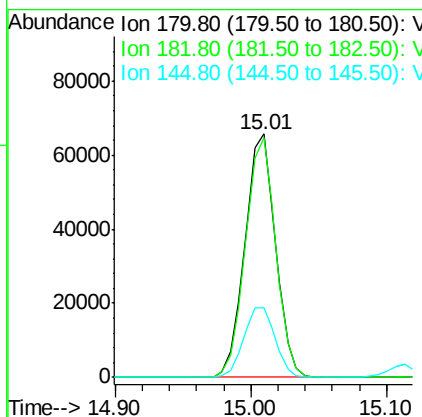
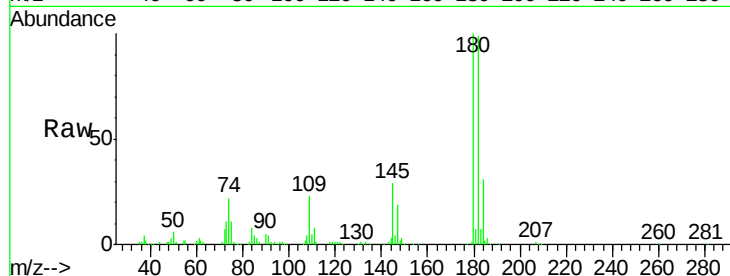




#93
 1,2,4-Trichlorobenzene
 Concen: 21.179 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VY002918.D
 Acq: 18 Jun 2020 14:36

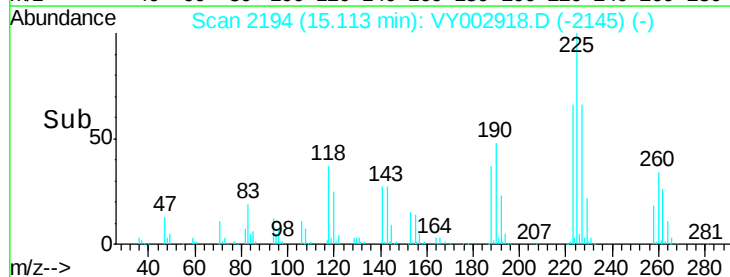
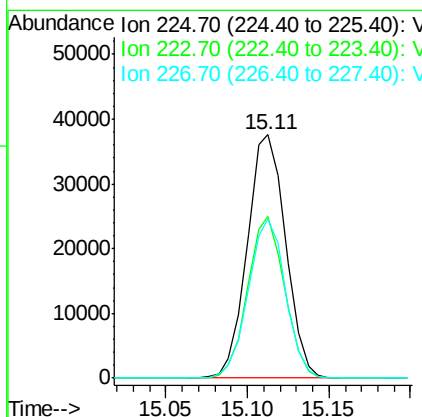
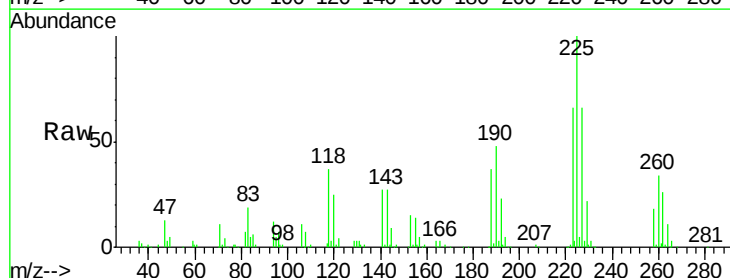
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0618SBS01

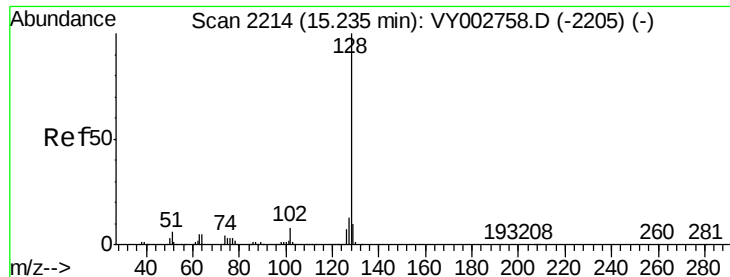
Tot Ion:180 Resp: 103596
 Ion Ratio Lower Upper
 180 100
 182 97.3 47.3 141.9
 145 29.4 14.1 42.3



#94
 Hexachlorobutadiene
 Concen: 22.131 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY002918.D
 Acq: 18 Jun 2020 14:36

Tgt Ion:225 Resp: 61400
 Ion Ratio Lower Upper
 225 100
 223 64.1 31.6 95.0
 227 63.3 32.3 96.9

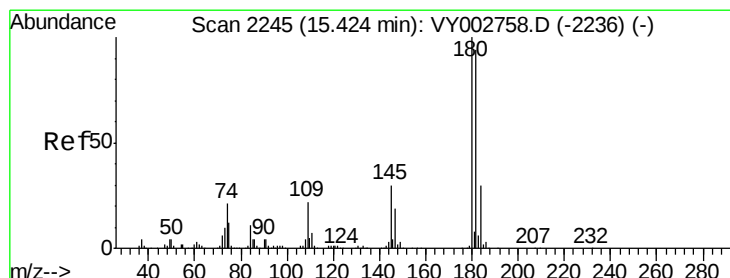
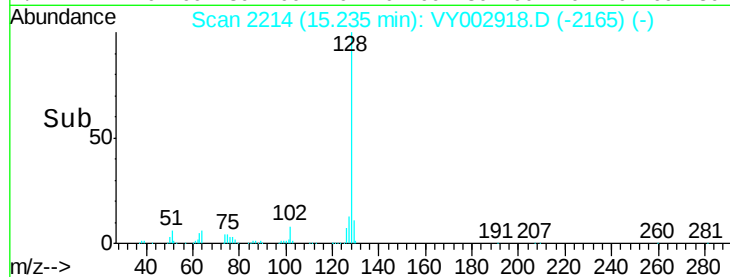
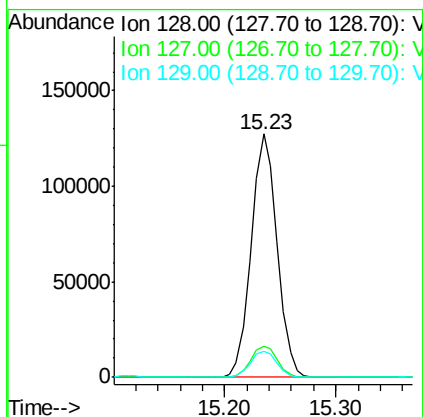
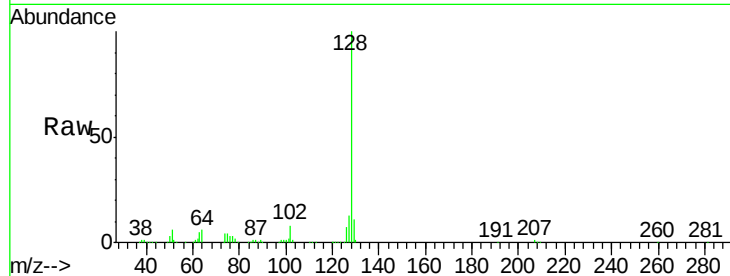




#95
Naphthalene
Concen: 20.988 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY002918.D
Acq: 18 Jun 2020 14:36

Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

Tot Ion:128 Resp: 205837
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 21.701 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY002918.D
Acq: 18 Jun 2020 14:36

Tgt Ion:180 Resp: 94791
Ion Ratio Lower Upper
180 100
182 93.2 48.1 144.4
145 29.6 15.1 45.3

