

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY061820\
 Data File : VY002915.D
 Acq On : 18 Jun 2020 13:15
 Operator : SY/MD
 Sample : VY0618SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0618SBS01

Quant Time: Jun 19 05:00:08 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	257387	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	374264	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	353840	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	197194	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.14	65	107565	48.13	ug/l	0.00
Spiked Amount			Recovery	=	96.26%	
35) Dibromofluoromethane	7.72	113	110166	50.23	ug/l	0.00
Spiked Amount			Recovery	=	100.46%	
50) Toluene-d8	10.18	98	427471	48.20	ug/l	0.00
Spiked Amount			Recovery	=	96.40%	
62) 4-Bromofluorobenzene	12.48	95	154471	50.97	ug/l	0.00
Spiked Amount			Recovery	=	101.94%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	36721	20.734	ug/l	97
3) Chloromethane	2.12	50	45809	23.385	ug/l	99
4) Vinyl Chloride	2.26	62	45080	21.772	ug/l	98
5) Bromomethane	2.65	94	33076	21.317	ug/l	97
6) Chloroethane	2.79	64	28303	21.086	ug/l	96
7) Trichlorofluoromethane	3.13	101	80387	21.921	ug/l	94
8) Diethyl Ether	3.54	74	28629	19.994	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.91	101	48449	22.252	ug/l	98
10) Methyl Iodide	4.10	142	59153	19.416	ug/l	99
11) Tert butyl alcohol	4.98	59	27132	105.579	ug/l #	92
12) 1,1-Dichloroethene	3.88	96	47427	21.660	ug/l	98
13) Acrolein	3.74	56	16659	63.609	ug/l	100
14) Allyl chloride	4.49	41	66767	21.260	ug/l	98
15) Acrylonitrile	5.18	53	69349	107.355	ug/l	99
16) Acetone	3.96	43	56703	108.203	ug/l	98
17) Carbon Disulfide	4.20	76	125988	19.041	ug/l	97
18) Methyl Acetate	4.49	43	32482	24.203	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	131821	21.807	ug/l	99
20) Methylene Chloride	4.72	84	70512	27.533	ug/l	98
21) trans-1,2-Dichloroethene	5.23	96	53002	21.524	ug/l	96
22) Diisopropyl ether	6.13	45	141242	21.643	ug/l	96
23) Vinyl Acetate	6.07	43	452390	104.996	ug/l	99
24) 1,1-Dichloroethane	6.02	63	82758	21.678	ug/l	98
25) 2-Butanone	6.99	43	85304	104.481	ug/l	99
26) 2,2-Dichloropropane	6.99	77	81125	22.158	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	59152	21.458	ug/l	98
28) Bromochloromethane	7.35	49	34661	22.117	ug/l	94
29) Tetrahydrofuran	7.36	42	53635	100.994	ug/l	97
30) Chloroform	7.52	83	91358	22.552	ug/l	94
31) Cyclohexane	7.79	56	76460	20.173	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	83945	22.238	ug/l	99
36) 1,1-Dichloropropene	7.93	75	67658	21.460	ug/l	99
37) Ethyl Acetate	7.08	43	36632	21.356	ug/l	99
38) Carbon Tetrachloride	7.91	117	77910	22.245	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	87662	21.095	ug/l	98
40) Benzene	8.16	78	204024	21.901	ug/l	98
41) Methacrylonitrile	7.35	41	51334	55.707	ug/l #	1
42) 1,2-Dichloroethane	8.24	62	58486	22.402	ug/l	100
43) Isopropyl Acetate	8.28	43	69215	21.293	ug/l	98
44) Trichloroethene	8.94	130	63947	21.732	ug/l	96
45) 1,2-Dichloropropane	9.22	63	49730	22.261	ug/l	96
46) Dibromomethane	9.31	93	28989	21.850	ug/l	98
47) Bromodichloromethane	9.50	83	71752	22.941	ug/l	99
48) Methyl methacrylate	9.30	41	30280	20.635	ug/l	98
49) 1,4-Dioxane	9.30	88	8624	423.335	ug/l	99
51) 4-Methyl-2-Pentanone	10.07	43	185147	107.566	ug/l	100
52) Toluene	10.24	92	135065	22.163	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	76344	22.347	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	85243	22.021	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	44993	22.151	ug/l	98
56) Ethyl methacrylate	10.51	69	59989	22.050	ug/l	98
57) 1,3-Dichloropropane	10.79	76	74952	22.435	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	141532	106.467	ug/l	99
59) 2-Hexanone	10.83	43	133201	109.069	ug/l	99
60) Dibromochloromethane	10.99	129	58356	22.661	ug/l	99
61) 1,2-Dibromoethane	11.09	107	44096	22.008	ug/l	100
64) Tetrachloroethene	10.72	164	68293	21.236	ug/l	97
65) Chlorobenzene	11.52	112	155386	22.218	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	59476	22.580	ug/l	100
67) Ethyl Benzene	11.60	91	266539	21.984	ug/l	98
68) m/p-Xylenes	11.70	106	206554	43.940	ug/l	99
69) o-Xylene	12.03	106	98021	22.088	ug/l	100
70) Styrene	12.05	104	169702	22.059	ug/l	100
71) Bromoform	12.21	173	39474	22.397	ug/l #	100
73) Isopropylbenzene	12.33	105	269026	21.289	ug/l	100
74) N-amyl acetate	12.14	43	65804	20.295	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.58	83	49354	22.259	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	70281	39.554	ug/l #	100
77) Bromobenzene	12.61	156	69422	21.098	ug/l	98
78) n-propylbenzene	12.67	91	312441	21.404	ug/l	99
79) 2-Chlorotoluene	12.75	91	175011	21.373	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	228264	21.634	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	19413	20.584	ug/l	99
82) 4-Chlorotoluene	12.86	91	183357	21.373	ug/l	100
83) tert-Butylbenzene	13.08	119	203222	21.592	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	229836	21.663	ug/l	100
85) sec-Butylbenzene	13.25	105	279435	21.714	ug/l	100
86) p-Isopropyltoluene	13.37	119	260167	21.727	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	135685	21.769	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	135682	21.761	ug/l	99
89) n-Butylbenzene	13.70	91	234786	21.596	ug/l	99
90) Hexachloroethane	13.96	117	49038	21.875	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	123519	21.852	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	8986	21.065	ug/l	98

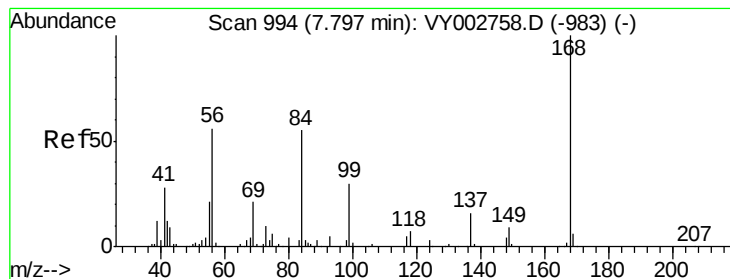
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY061820\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	91963	21.584	ug/l	98
94) Hexachlorobutadiene	15.11	225	54928	22.730	ug/l	99
95) Naphthalene	15.23	128	178056	20.843	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	83588	21.970	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002915.D

Acq: 18 Jun 2020 13:15

Instrument :

MSVOA_Y

ClientSampleId :

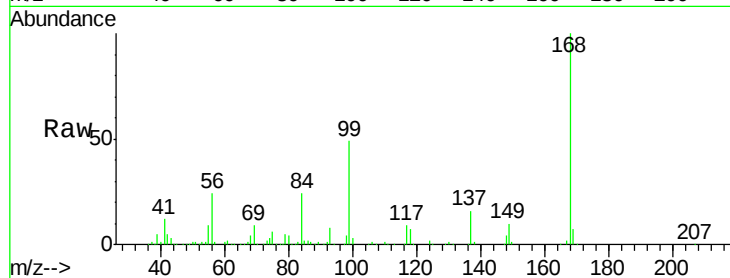
VY0618SBS01

Tot Ion:168 Resp: 257387

Ion Ratio Lower Upper

168 100

99 48.7 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): VY002758.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY002758.D (-983) (-)

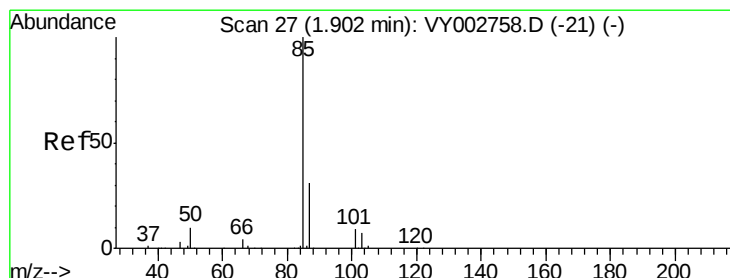
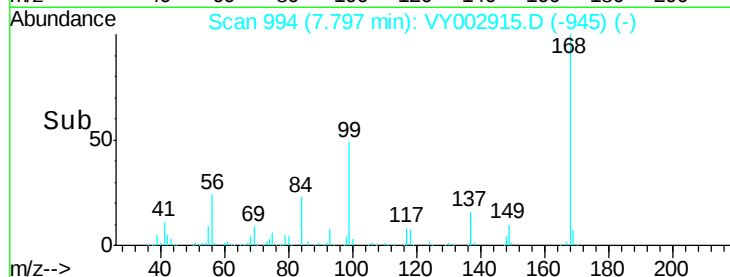
7.80

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 20.734 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY002915.D

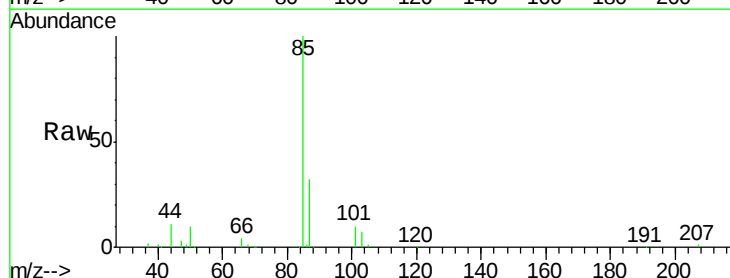
Acq: 18 Jun 2020 13:15

Tgt Ion: 85 Resp: 36721

Ion Ratio Lower Upper

85 100

87 32.5 15.5 46.5



Abundance Ion 84.90 (84.60 to 85.60): VY002758.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY002758.D (-21) (-)

1.91

30000

25000

20000

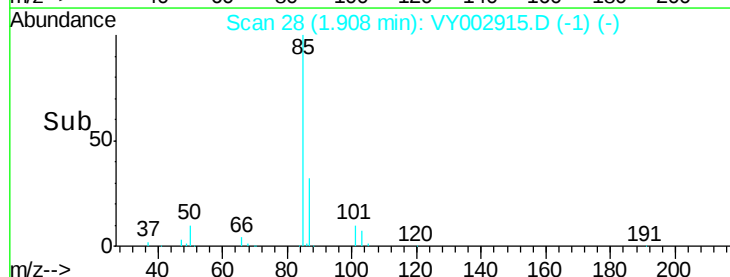
15000

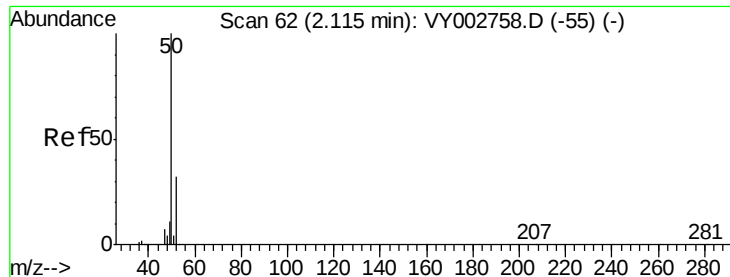
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5000

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Time-->

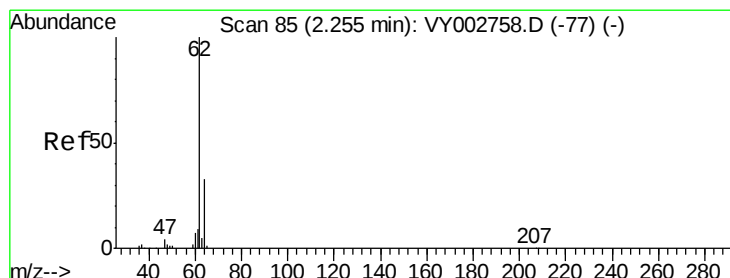
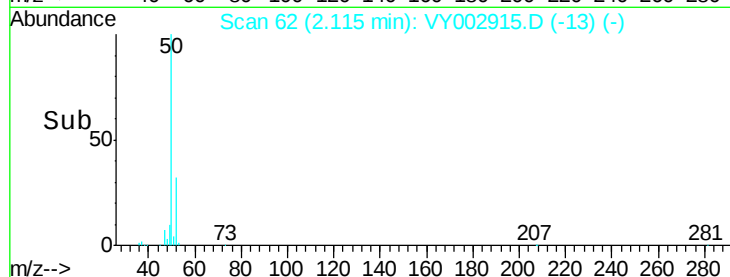
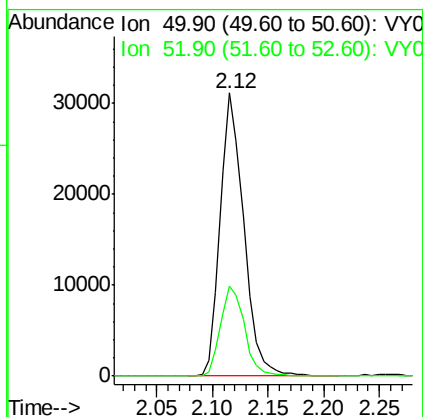
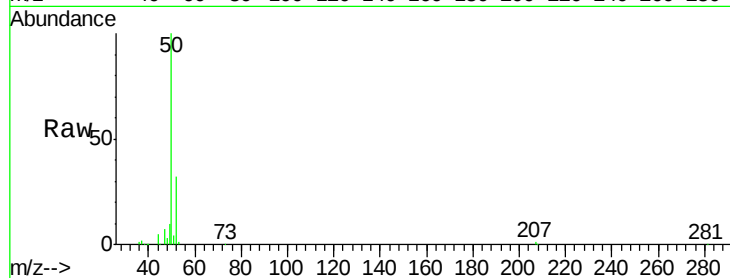




#3
Chloromethane
Concen: 23.385 ug/l
RT: 2.12 min Scan# 62
Delta R.T. 0.00 min
Lab File: VY002915.D
Acq: 18 Jun 2020 13:15

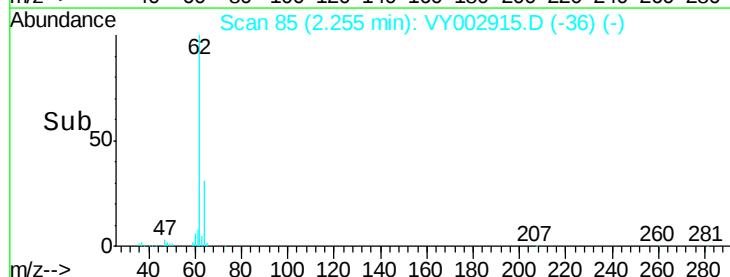
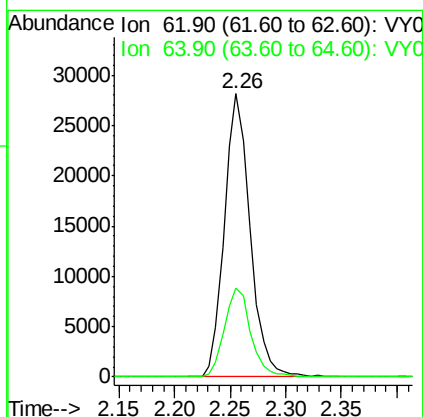
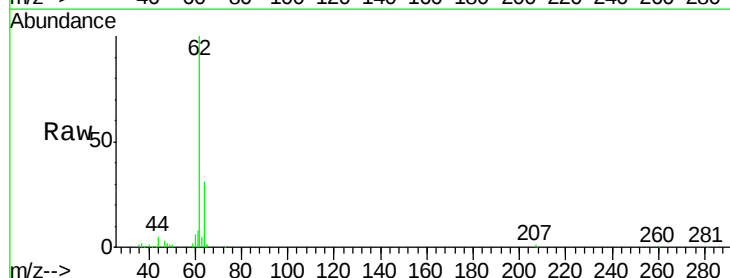
Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

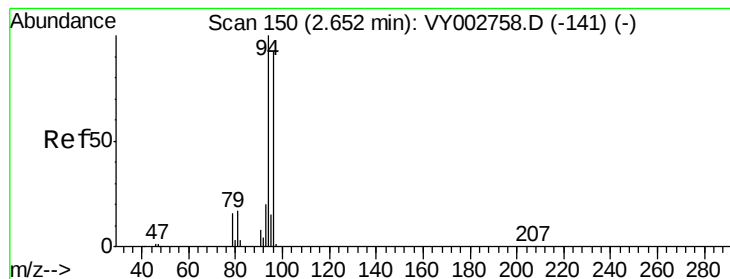
Tot Ion: 50 Resp: 45809
Ion Ratio Lower Upper
50 100
52 31.9 25.8 38.6



#4
Vinyl Chloride
Concen: 21.772 ug/l
RT: 2.26 min Scan# 85
Delta R.T. 0.00 min
Lab File: VY002915.D
Acq: 18 Jun 2020 13:15

Tgt Ion: 62 Resp: 45080
Ion Ratio Lower Upper
62 100
64 31.3 26.1 39.1





#5

Bromomethane

Concen: 21.317 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY002915.D

Acq: 18 Jun 2020 13:15

Instrument :

MSVOA_Y

ClientSampleId :

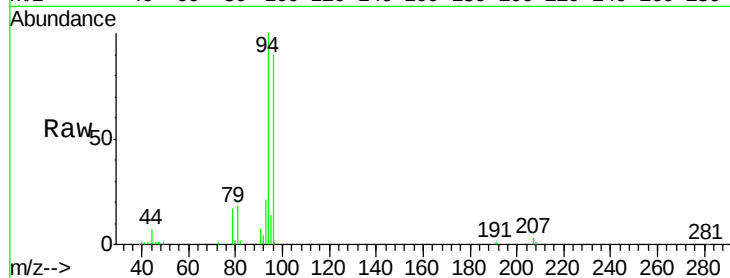
VY0618SBS01

Tot Ion: 94 Resp: 33076

Ion Ratio Lower Upper

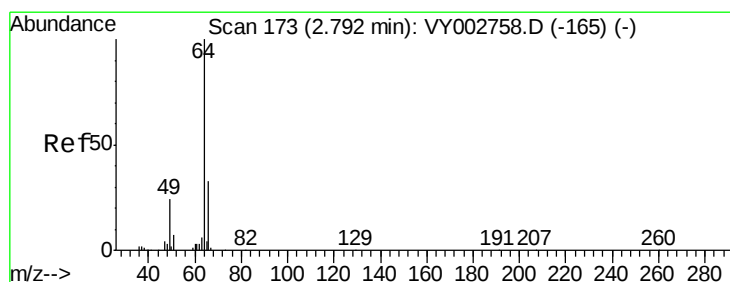
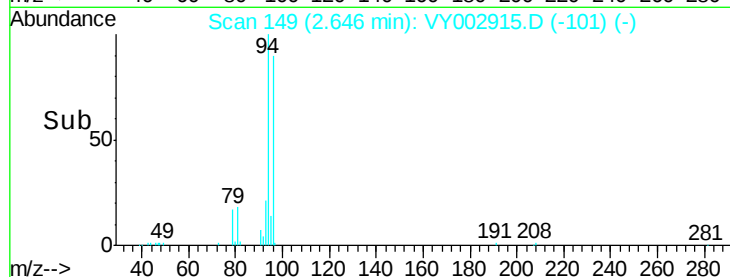
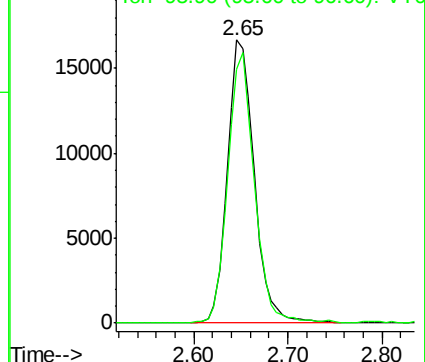
94 100

96 89.2 73.7 110.5



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 21.086 ug/l

RT: 2.79 min Scan# 173

Delta R.T. 0.00 min

Lab File: VY002915.D

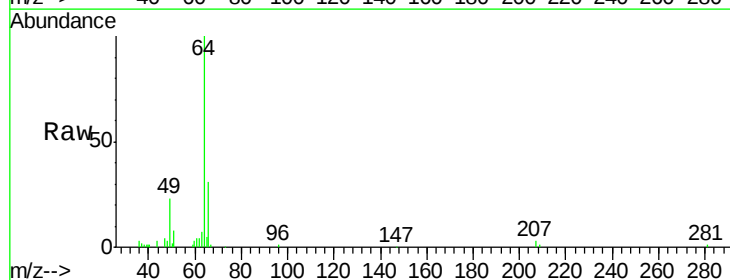
Acq: 18 Jun 2020 13:15

Tgt Ion: 64 Resp: 28303

Ion Ratio Lower Upper

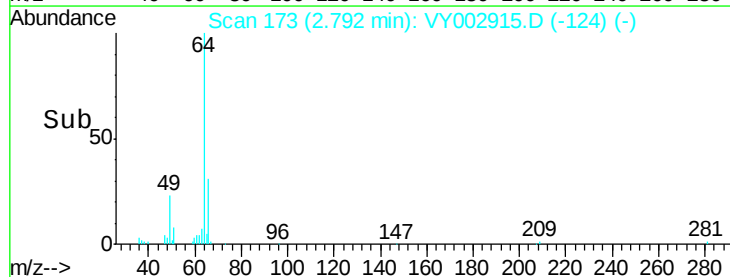
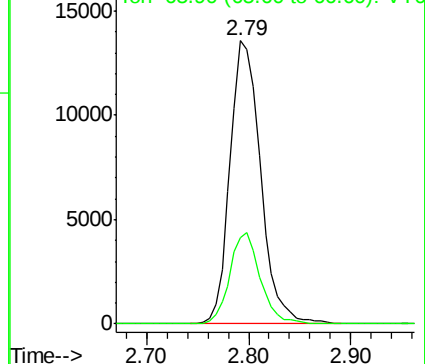
64 100

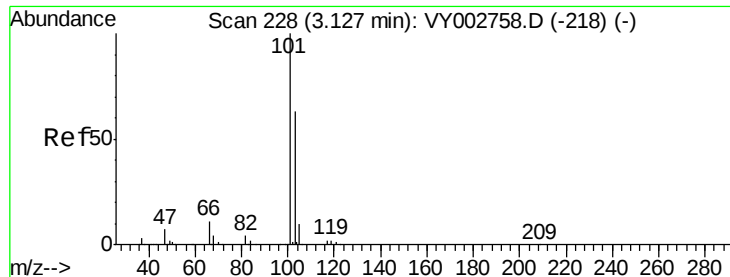
66 30.6 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



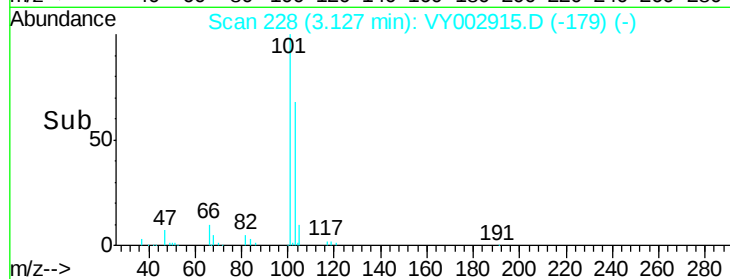
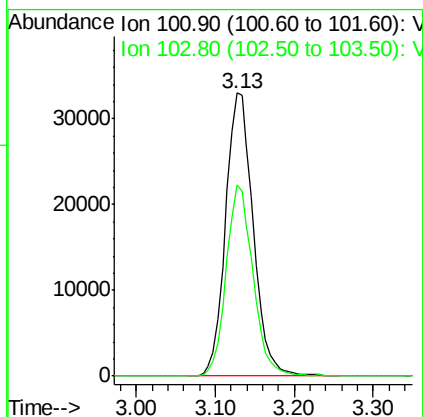
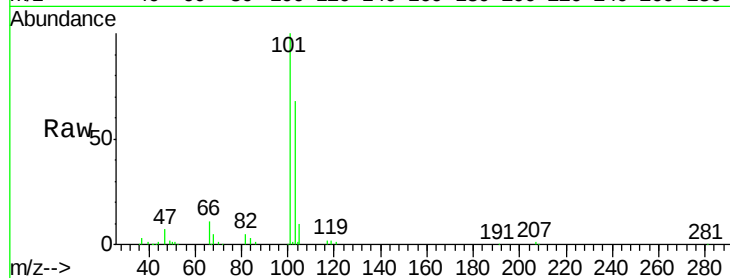


#7

Trichlorofluoromethane
Concen: 21.921 ug/l
RT: 3.13 min Scan# 228
Delta R.T. 0.00 min
Lab File: VY002915.D
Acq: 18 Jun 2020 13:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

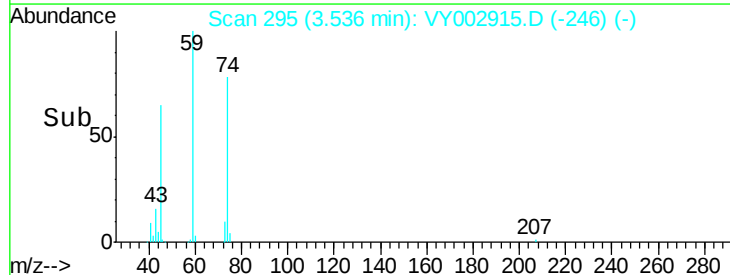
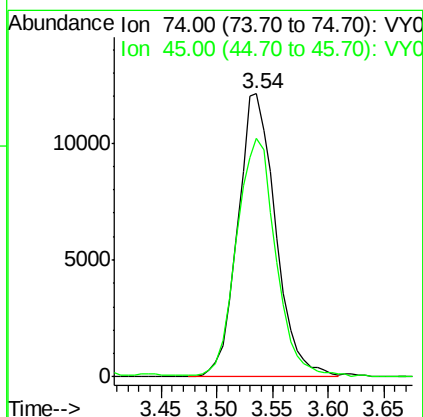
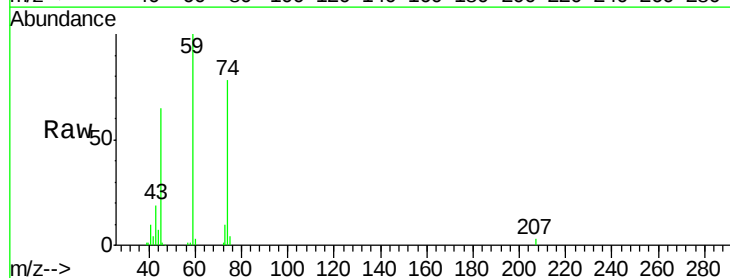
Tot Ion:101 Resp: 80387
Ion Ratio Lower Upper
101 100
103 67.7 50.6 76.0

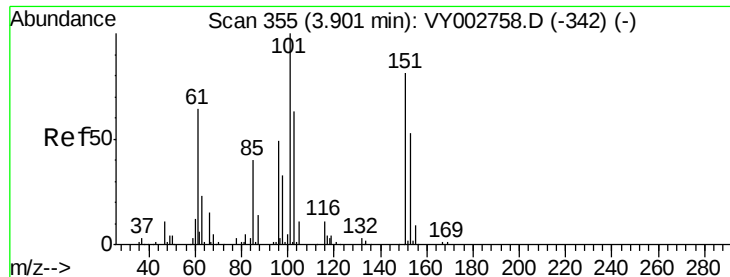


#8

Diethyl Ether
Concen: 19.994 ug/l
RT: 3.54 min Scan# 295
Delta R.T. 0.00 min
Lab File: VY002915.D
Acq: 18 Jun 2020 13:15

Tgt Ion: 74 Resp: 28629
Ion Ratio Lower Upper
74 100
45 87.3 44.0 131.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.252 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY002915.D

Acq: 18 Jun 2020 13:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0618SBS01

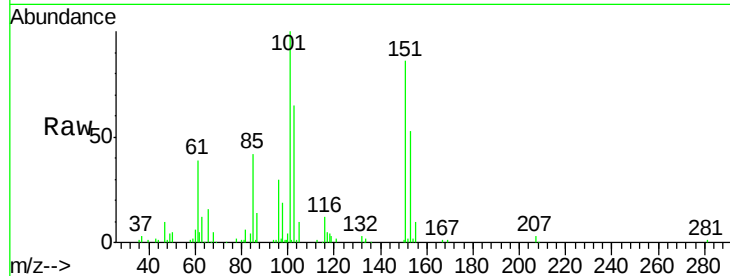
Tot Ion:101 Resp: 48449

Ion Ratio Lower Upper

101 100

85 42.7 32.7 49.1

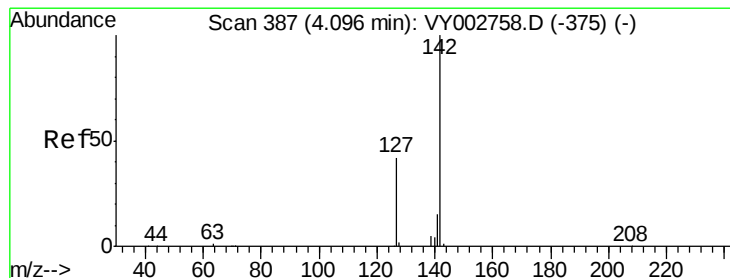
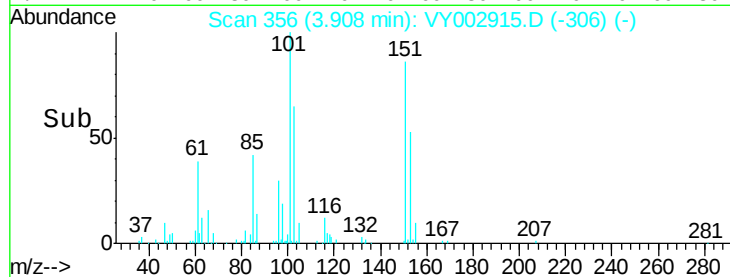
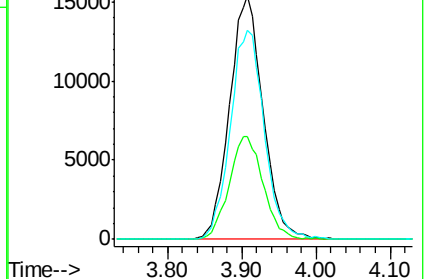
151 86.9 68.0 102.0



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: 19.416 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY002915.D

Acq: 18 Jun 2020 13:15

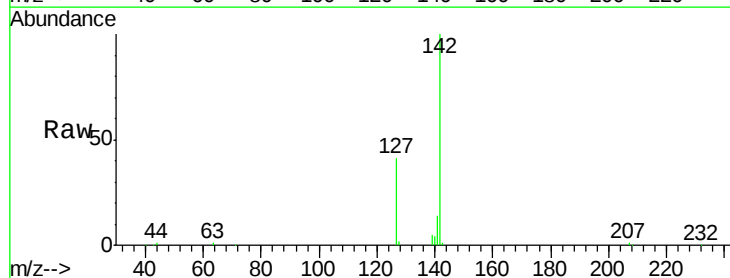
Tgt Ion:142 Resp: 59153

Ion Ratio Lower Upper

142 100

127 42.4 33.3 49.9

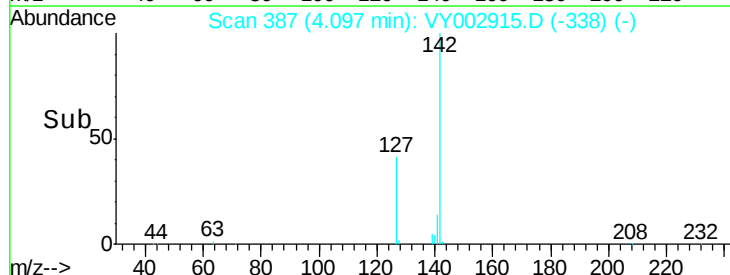
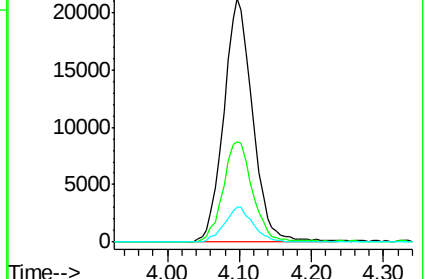
141 14.2 11.5 17.3



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

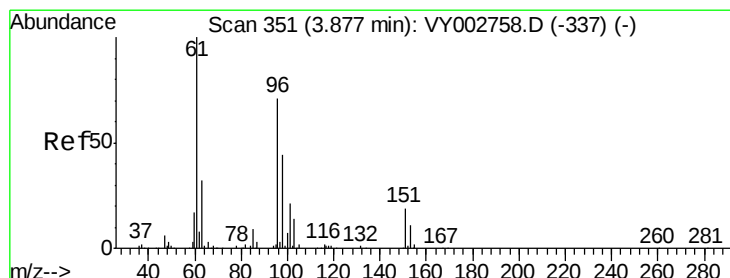
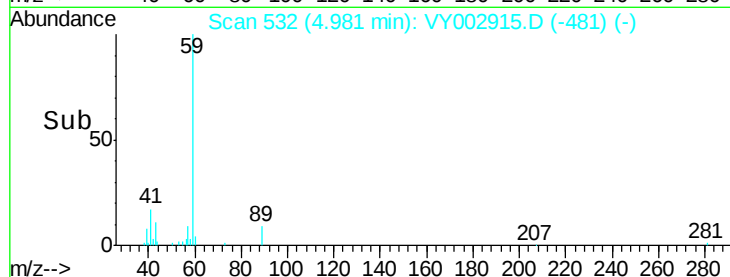
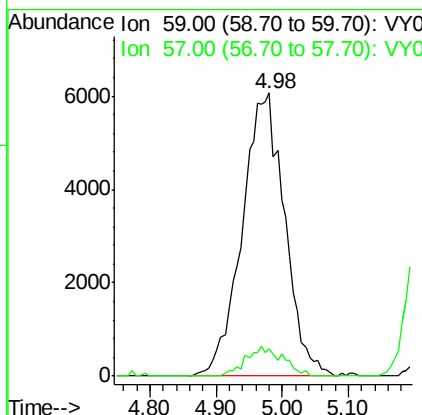
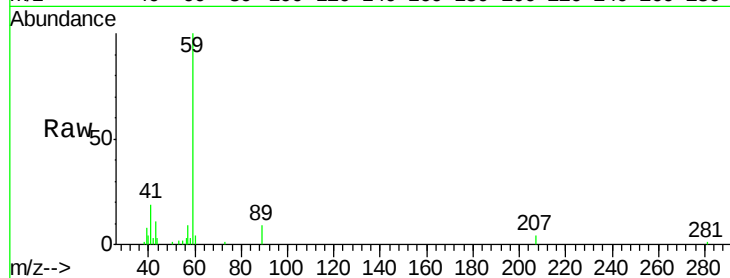




#11
Tert butyl alcohol
Concen: 105.579 ug/l
RT: 4.98 min Scan# 532
Delta R.T. 0.01 min
Lab File: VY002915.D
Acq: 18 Jun 2020 13:15

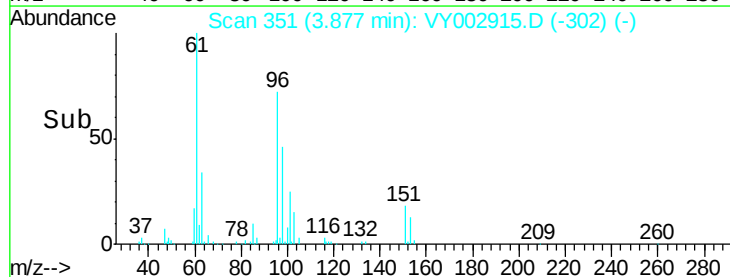
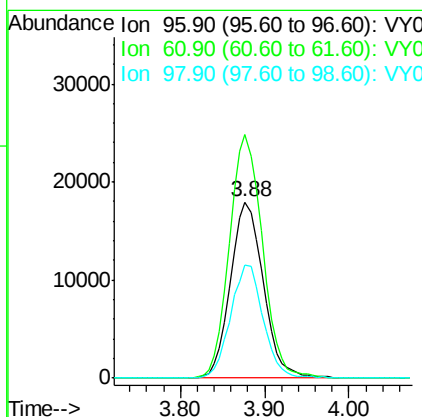
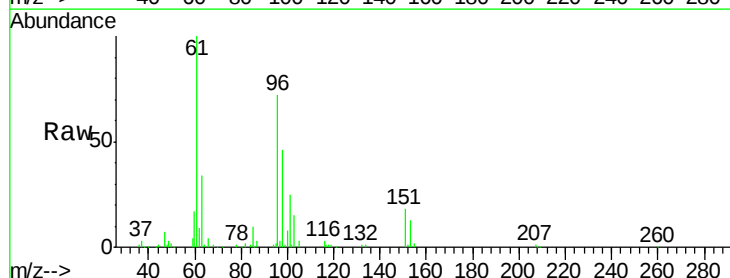
Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

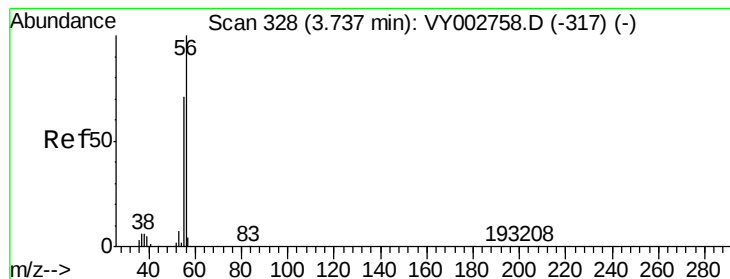
Tot Ion: 59 Resp: 27132
Ion Ratio Lower Upper
59 100
57 6.7 7.7 11.5#



#12
1,1-Dichloroethene
Concen: 21.660 ug/l
RT: 3.88 min Scan# 351
Delta R.T. 0.00 min
Lab File: VY002915.D
Acq: 18 Jun 2020 13:15

Tgt Ion: 96 Resp: 47427
Ion Ratio Lower Upper
96 100
61 138.4 112.6 168.8
98 64.4 50.0 75.0





#13

Acrolein

Concen: 63.609 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY002915.D

Acq: 18 Jun 2020 13:15

Instrument :

MSVOA_Y

ClientSampleId :

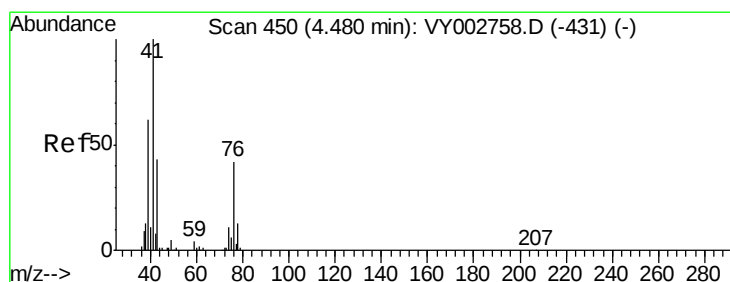
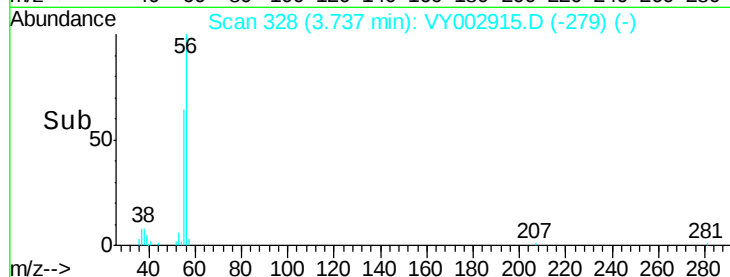
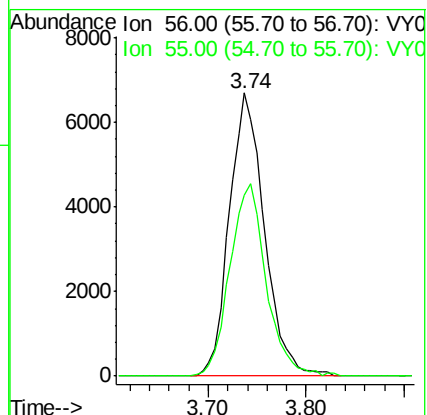
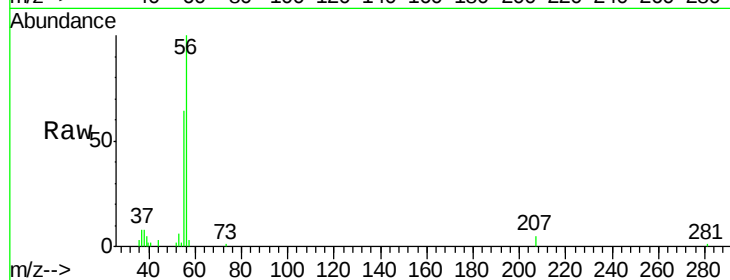
VY0618SBS01

Tot Ion: 56 Resp: 16659

Ion Ratio Lower Upper

56 100

55 70.2 56.0 84.0



#14

Allyl chloride

Concen: 21.260 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY002915.D

Acq: 18 Jun 2020 13:15

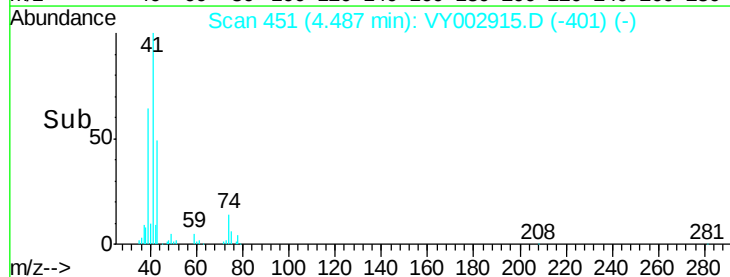
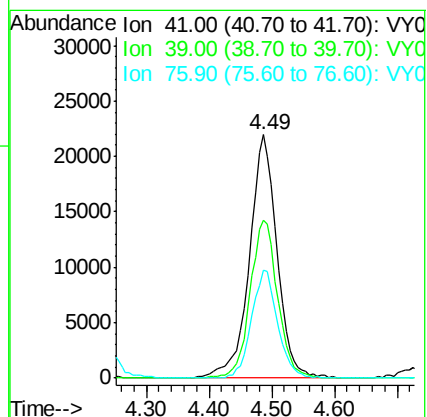
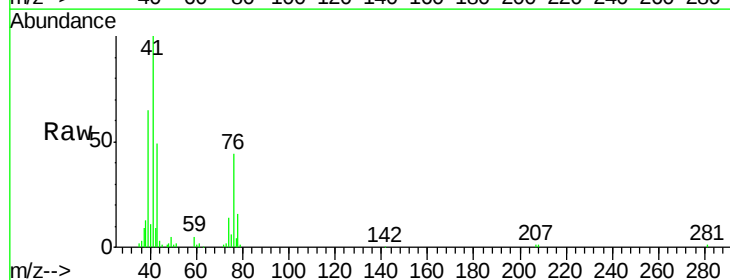
Tgt Ion: 41 Resp: 66767

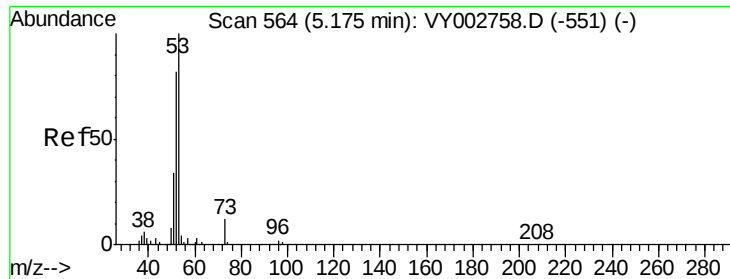
Ion Ratio Lower Upper

41 100

39 64.6 49.9 74.9

76 41.8 33.2 49.8





#15

Acrylonitrile

Concen: 107.355 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY002915.D

Acq: 18 Jun 2020 13:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0618SBS01

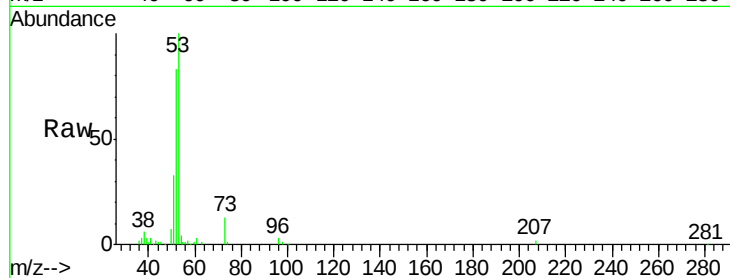
Tot Ion: 53 Resp: 69349

Ion Ratio Lower Upper

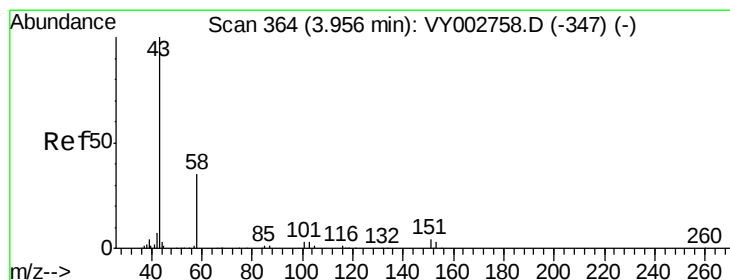
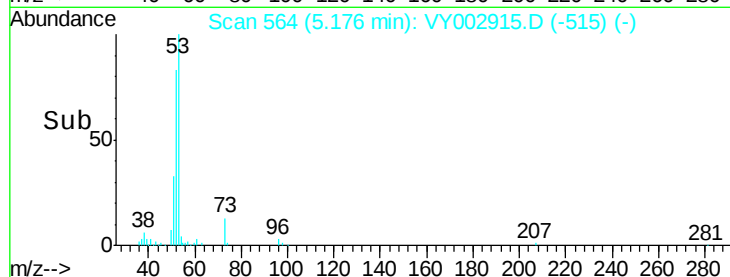
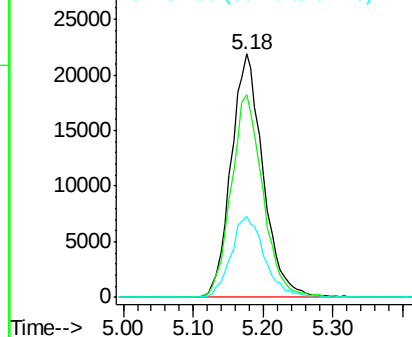
53 100

52 82.5 65.3 97.9

51 34.9 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: 108.203 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.00 min

Lab File: VY002915.D

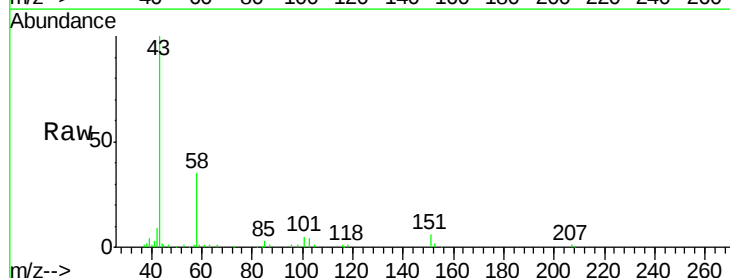
Acq: 18 Jun 2020 13:15

Tgt Ion: 43 Resp: 56703

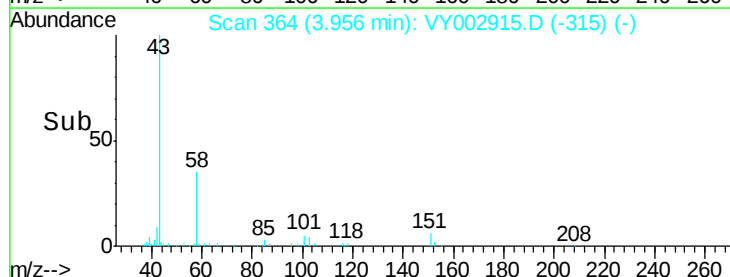
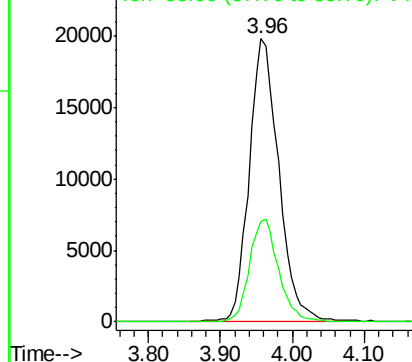
Ion Ratio Lower Upper

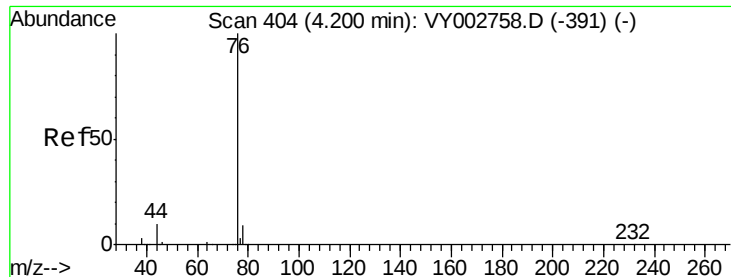
43 100

58 35.5 27.7 41.5



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





#17

Carbon Disulfide

Concen: 19.041 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: VY002915.D

Acq: 18 Jun 2020 13:15

Instrument :

MSVOA_Y

ClientSampleId :

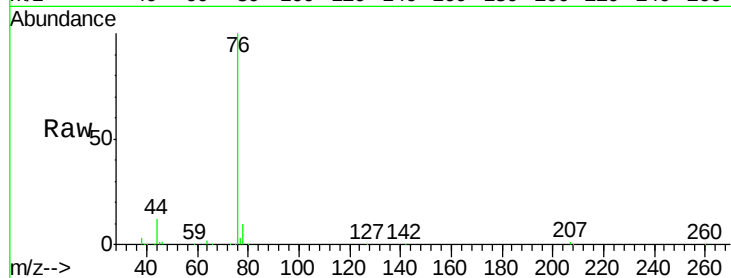
VY0618SBS01

Tot Ion: 76 Resp: 125988

Ion Ratio Lower Upper

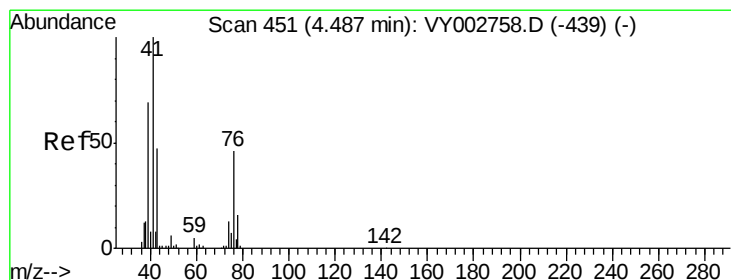
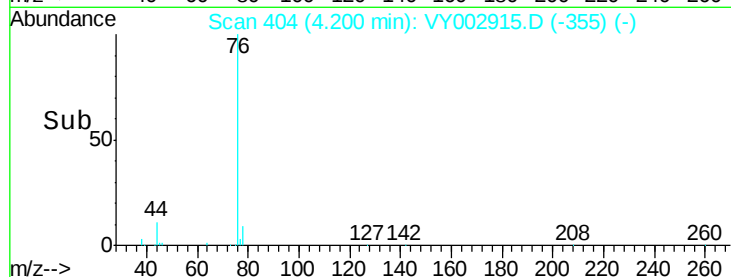
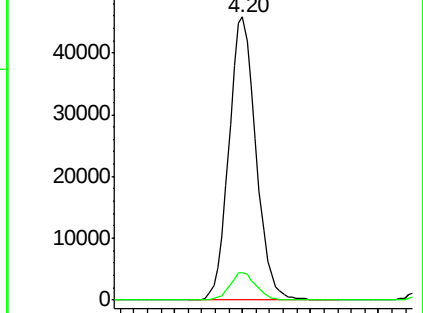
76 100

78 9.6 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 24.203 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY002915.D

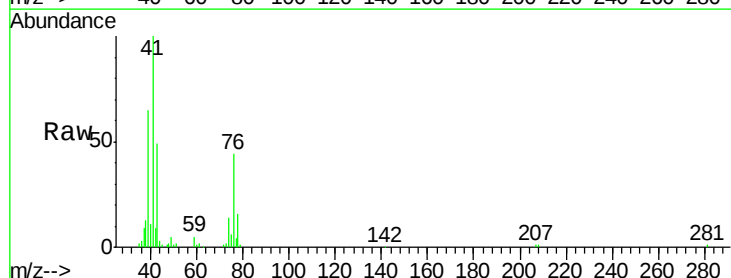
Acq: 18 Jun 2020 13:15

Tgt Ion: 43 Resp: 32482

Ion Ratio Lower Upper

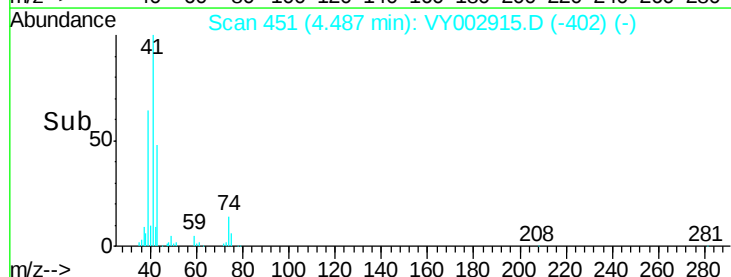
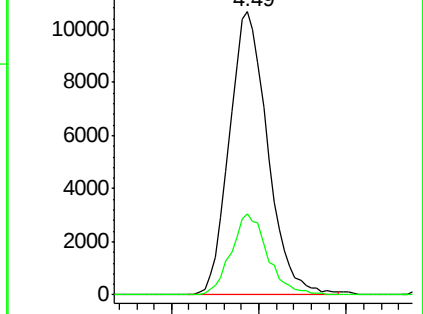
43 100

74 27.3 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0



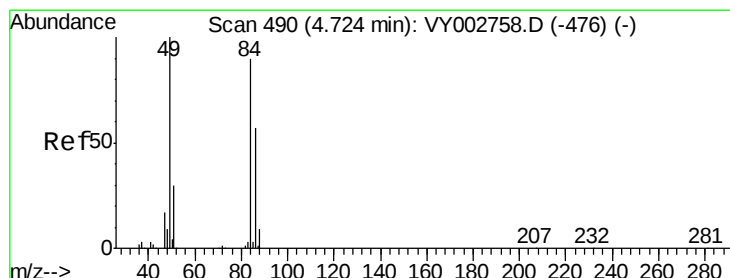
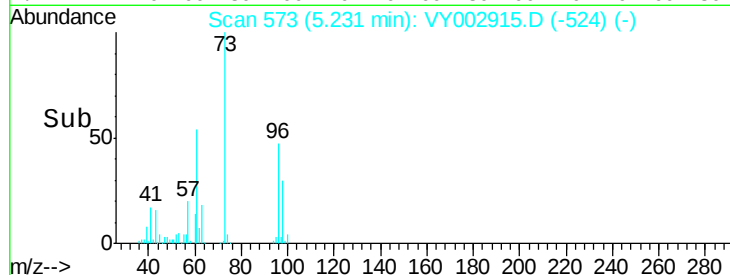
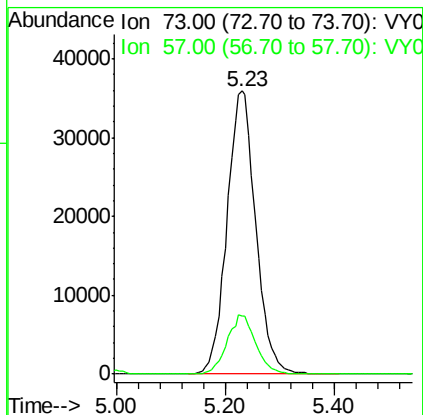
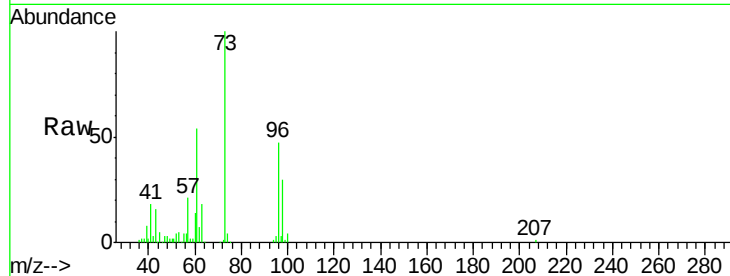


#19

Methyl tert-butyl Ether
 Concen: 21.807 ug/l
 RT: 5.23 min Scan# 573
 Delta R.T. 0.00 min
 Lab File: VY002915.D
 Acq: 18 Jun 2020 13:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0618SBS01

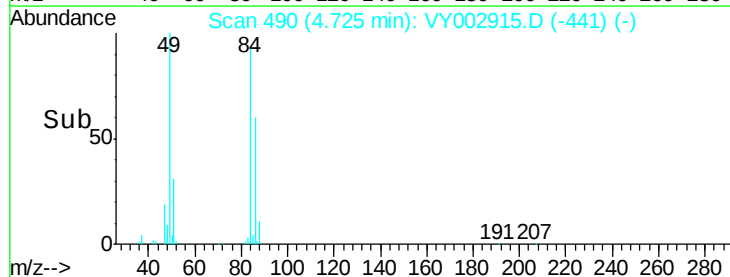
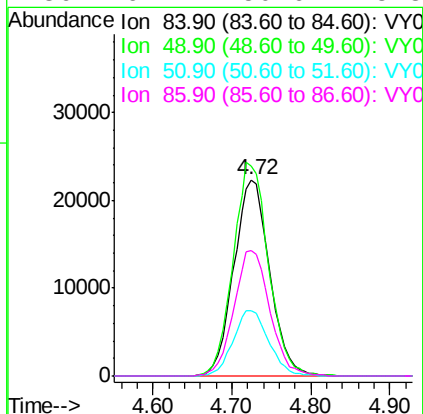
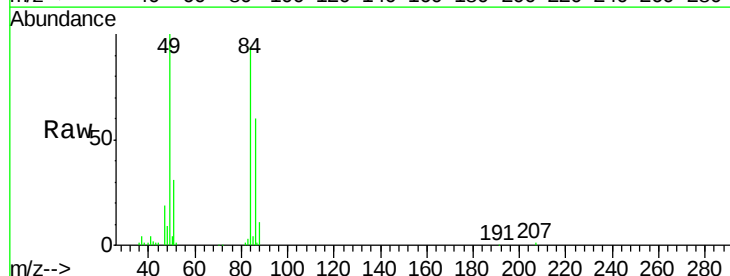
Tot Ion: 73 Resp: 131821
 Ion Ratio Lower Upper
 73 100
 57 20.5 17.0 25.4

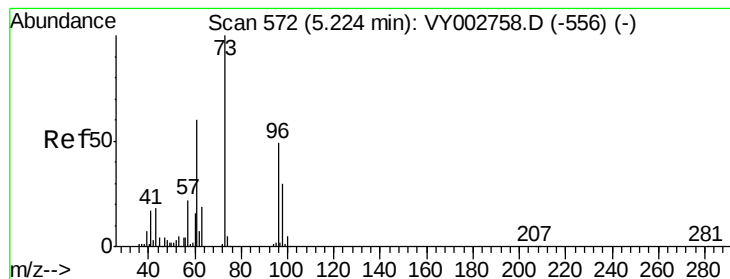


#20

Methylene Chloride
 Concen: 27.533 ug/l
 RT: 4.72 min Scan# 490
 Delta R.T. 0.00 min
 Lab File: VY002915.D
 Acq: 18 Jun 2020 13:15

Tgt Ion: 84 Resp: 70512
 Ion Ratio Lower Upper
 84 100
 49 106.9 88.5 132.7
 51 33.2 26.8 40.2
 86 64.2 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 21.524 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY002915.D

Acq: 18 Jun 2020 13:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0618SBS01

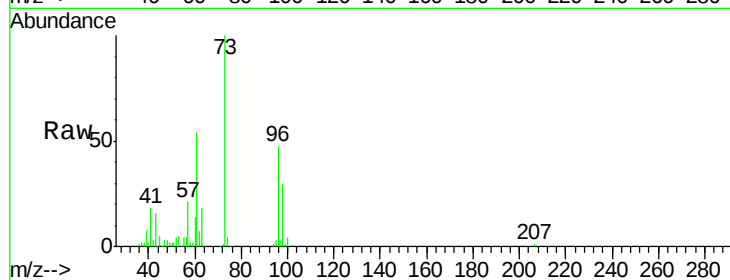
Tot Ion: 96 Resp: 53002

Ion Ratio Lower Upper

96 100

61 115.5 96.8 145.2

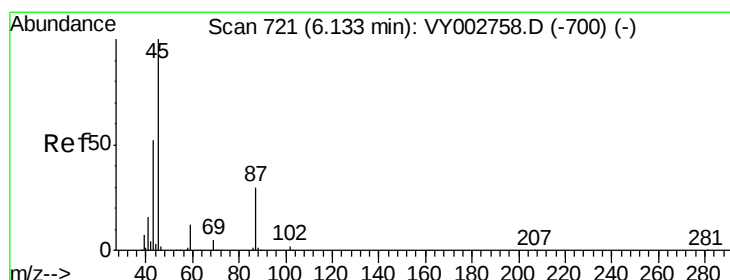
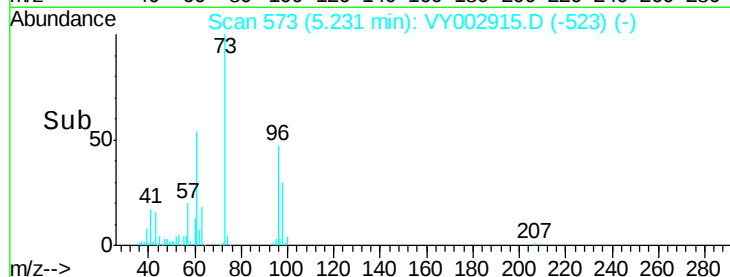
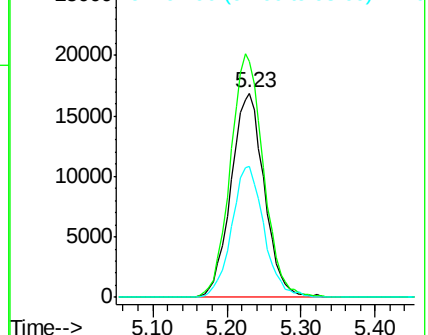
98 64.3 49.4 74.0



Abundance Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 21.643 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY002915.D

Acq: 18 Jun 2020 13:15

Tgt Ion: 45 Resp: 141242

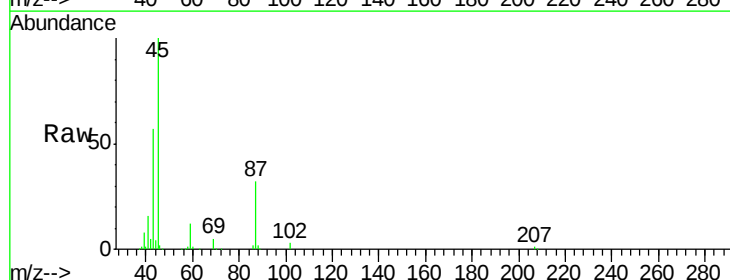
Ion Ratio Lower Upper

45 100

43 56.8 41.7 62.5

87 31.6 24.2 36.2

59 12.4 9.8 14.8

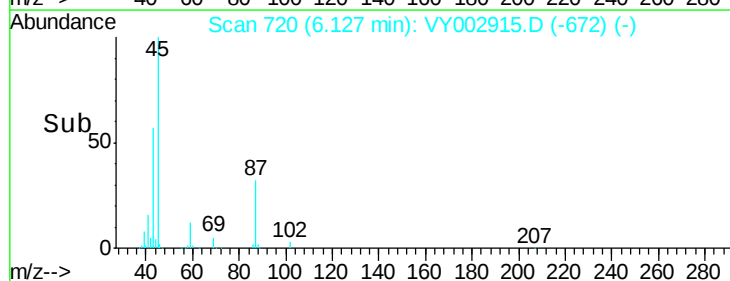
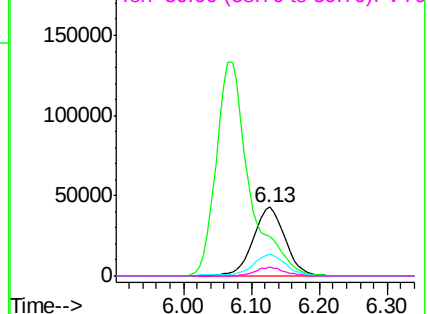


Abundance Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 104.996 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.00 min

Lab File: VY002915.D

Acq: 18 Jun 2020 13:15

Instrument :

MSVOA_Y

ClientSampleId :

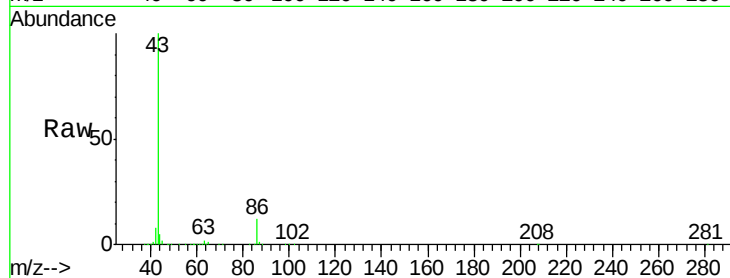
VY0618SBS01

Tot Ion: 43 Resp: 452390

Ion Ratio Lower Upper

43 100

86 12.4 10.2 15.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.07

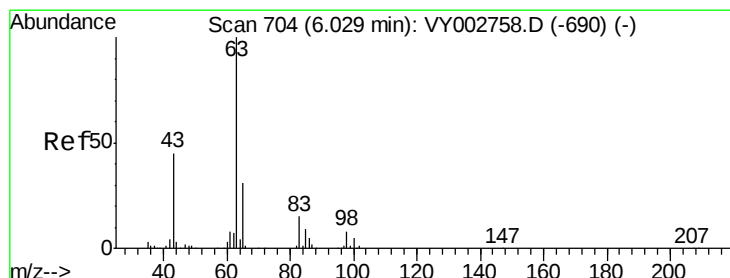
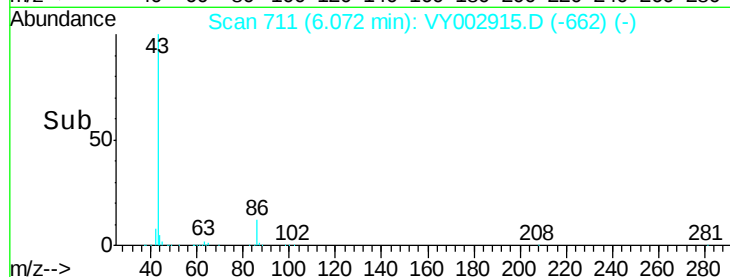
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 21.678 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY002915.D

Acq: 18 Jun 2020 13:15

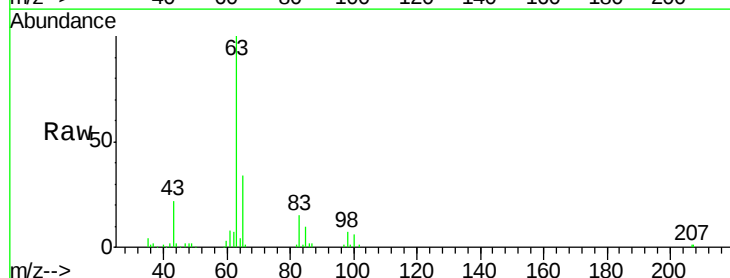
Tgt Ion: 63 Resp: 82758

Ion Ratio Lower Upper

63 100

98 7.4 4.0 12.2

100 5.5 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

6.02

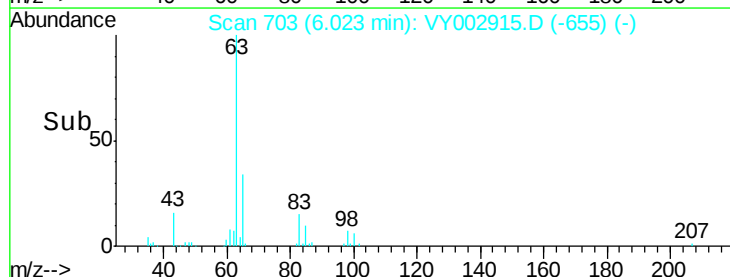
30000

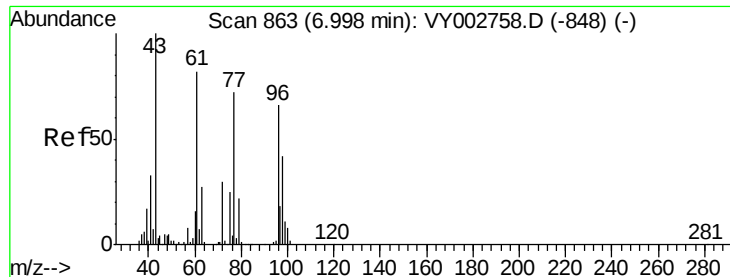
20000

10000

0

Time-->

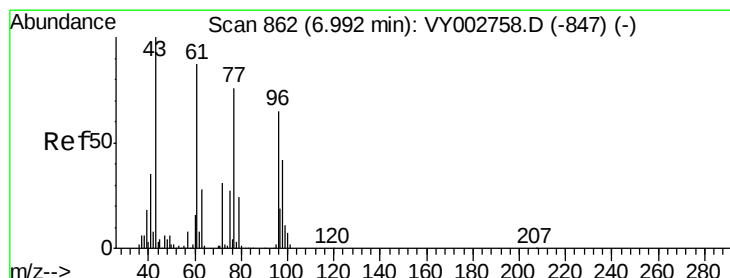
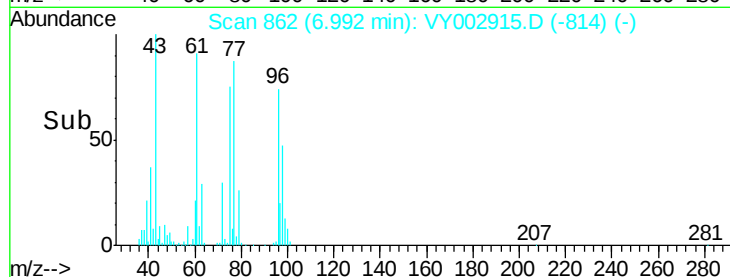
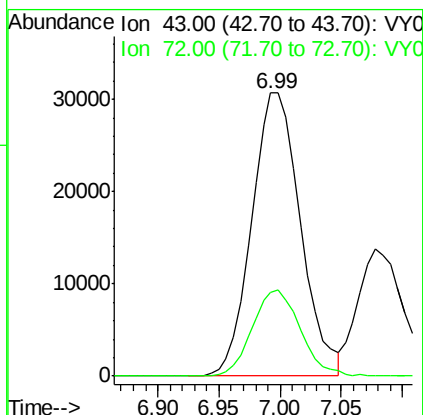
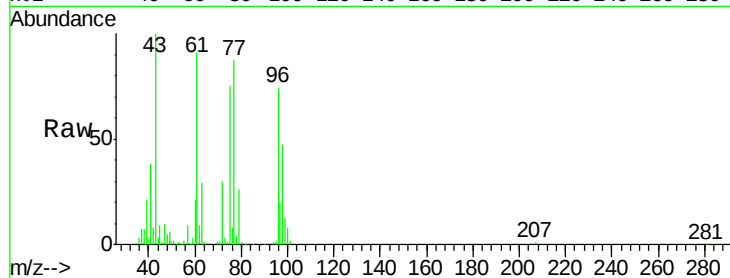




#25
2-Butanone
Concen: 104.481 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY002915.D
Acq: 18 Jun 2020 13:15

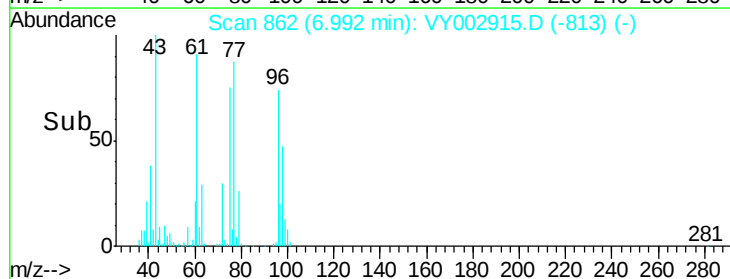
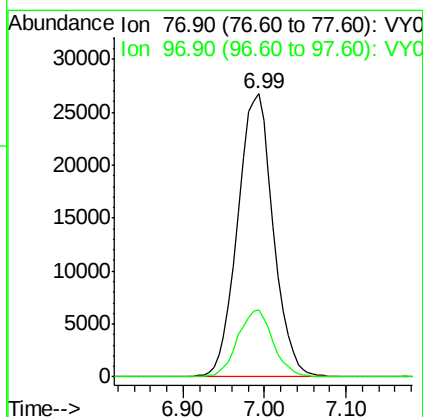
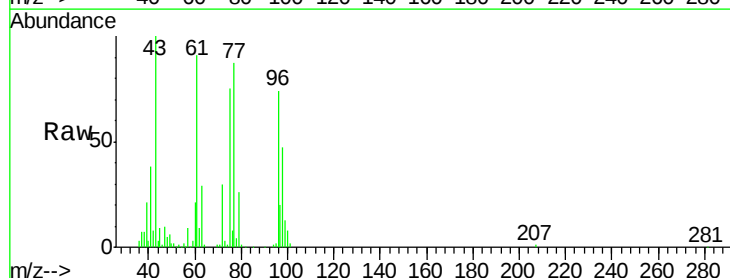
Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

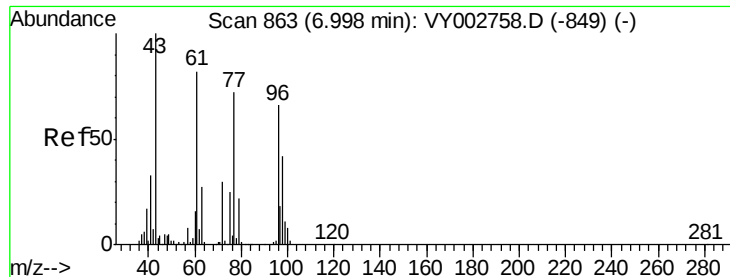
Tot Ion: 43 Resp: 85304
Ion Ratio Lower Upper
43 100
72 29.6 23.9 35.9



#26
2,2-Dichloropropane
Concen: 22.158 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY002915.D
Acq: 18 Jun 2020 13:15

Tgt Ion: 77 Resp: 81125
Ion Ratio Lower Upper
77 100
97 23.4 12.2 36.6



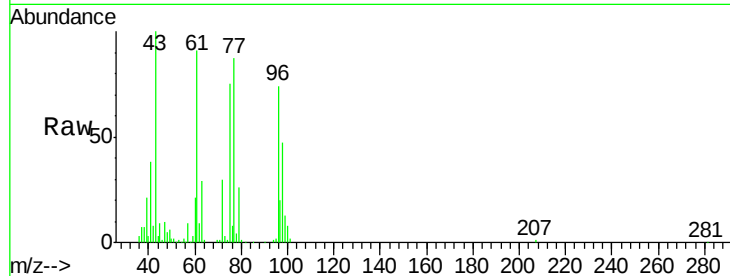


#27

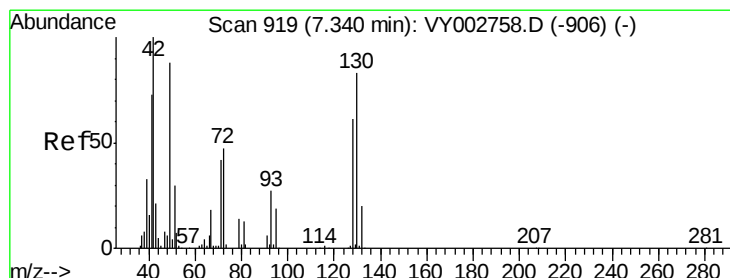
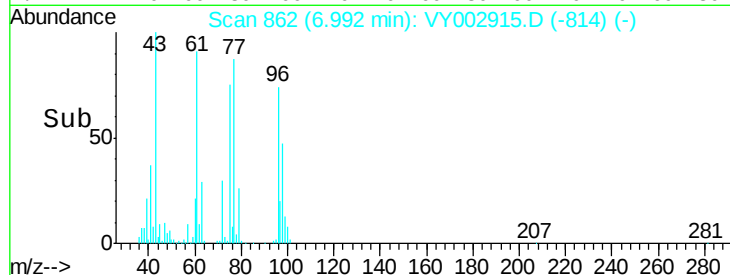
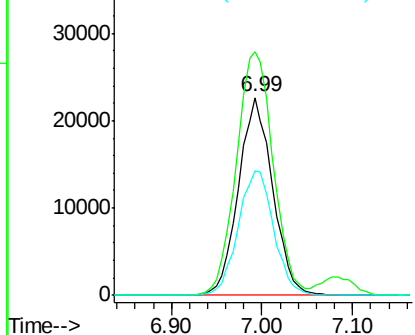
cis-1,2-Dichloroethene
 Concen: 21.458 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VY002915.D
 Acq: 18 Jun 2020 13:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0618SBS01

Tot Ion: 96 Resp: 59152
 Ion Ratio Lower Upper
 96 100
 61 132.5 0.0 260.2
 98 65.6 0.0 128.2



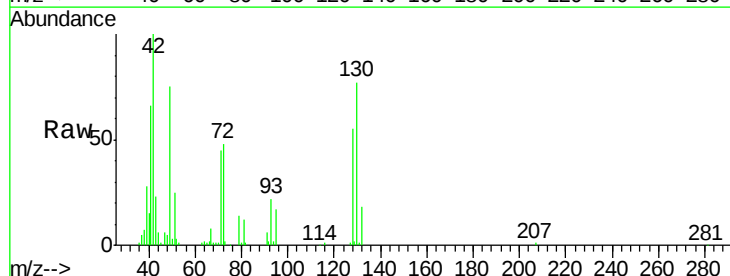
Abundance Ion 95.90 (95.60 to 96.60): VY0
 Ion 60.90 (60.60 to 61.60): VY0
 Ion 97.90 (97.60 to 98.60): VY0



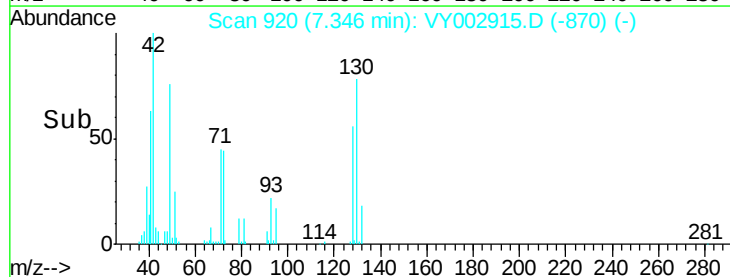
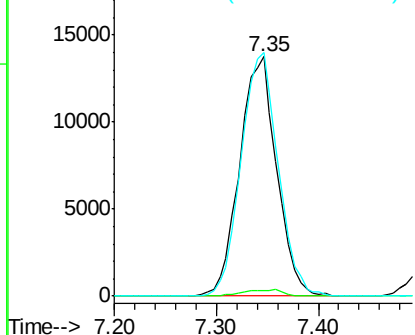
#28

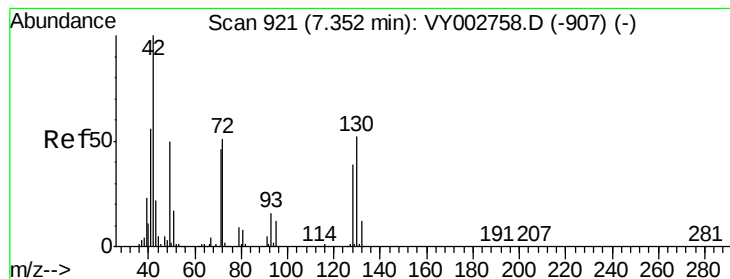
Bromochloromethane
 Concen: 22.117 ug/l
 RT: 7.35 min Scan# 920
 Delta R.T. 0.01 min
 Lab File: VY002915.D
 Acq: 18 Jun 2020 13:15

Tgt Ion: 49 Resp: 34661
 Ion Ratio Lower Upper
 49 100
 129 2.7 0.0 5.2
 130 101.9 77.1 115.7



Abundance Ion 48.90 (48.60 to 49.60): VY0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 100.994 ug/l

RT: 7.36 min Scan# 922

Delta R.T. 0.01 min

Lab File: VY002915.D

Acq: 18 Jun 2020 13:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0618SBS01

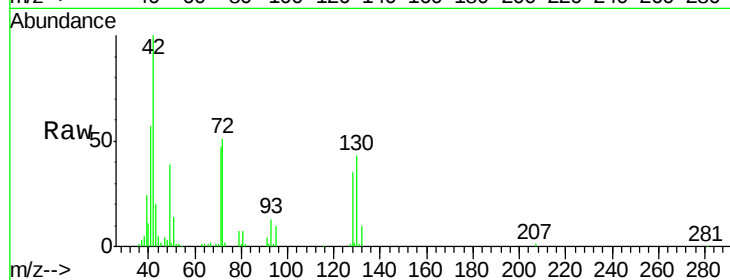
Tot Ion: 42 Resp: 53635

Ion Ratio Lower Upper

42 100

72 50.5 38.6 58.0

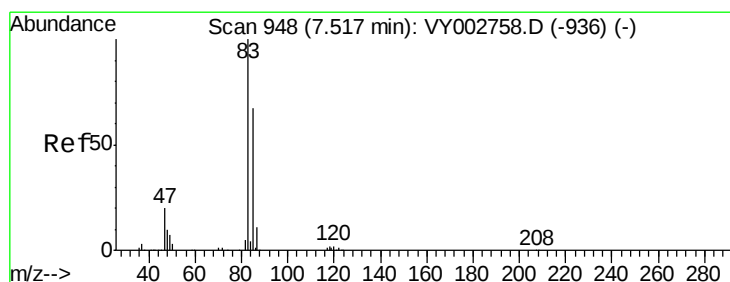
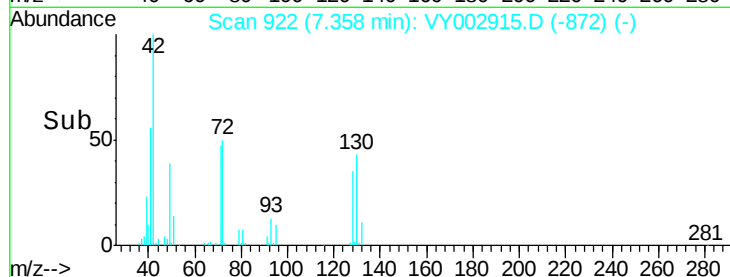
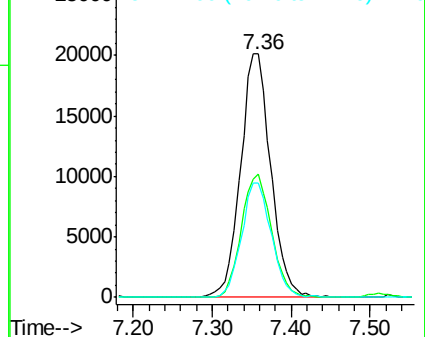
71 46.3 35.8 53.8



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: 22.552 ug/l

RT: 7.52 min Scan# 948

Delta R.T. 0.00 min

Lab File: VY002915.D

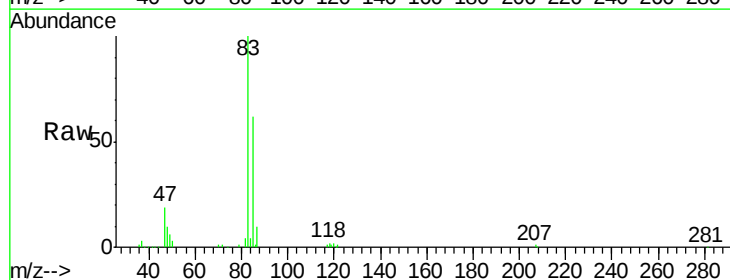
Acq: 18 Jun 2020 13:15

Tgt Ion: 83 Resp: 91358

Ion Ratio Lower Upper

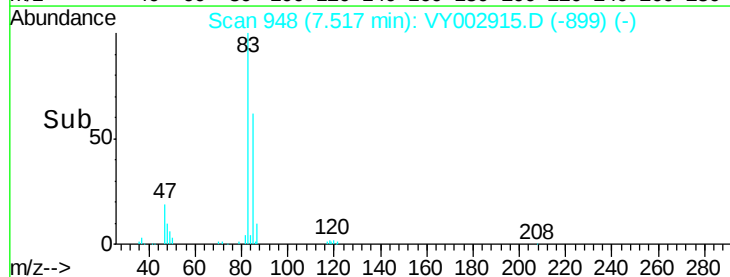
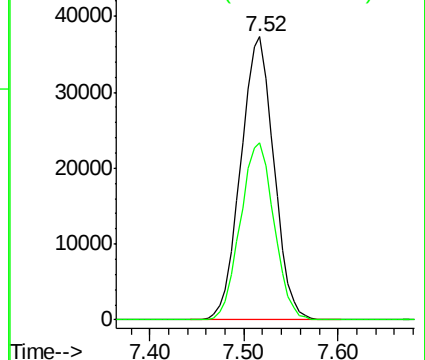
83 100

85 62.5 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: 20.173 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY002915.D

Acq: 18 Jun 2020 13:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0618SBS01

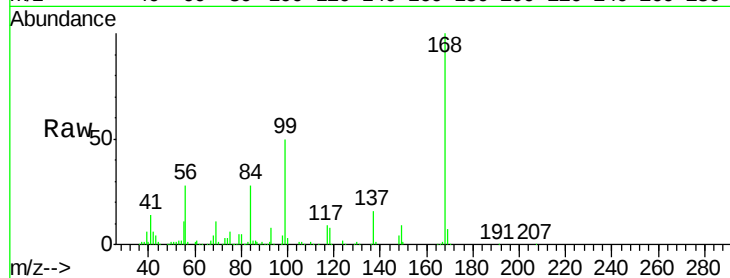
Tot Ion: 56 Resp: 76460

Ion Ratio Lower Upper

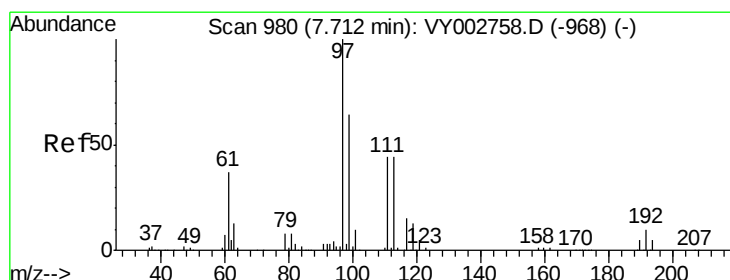
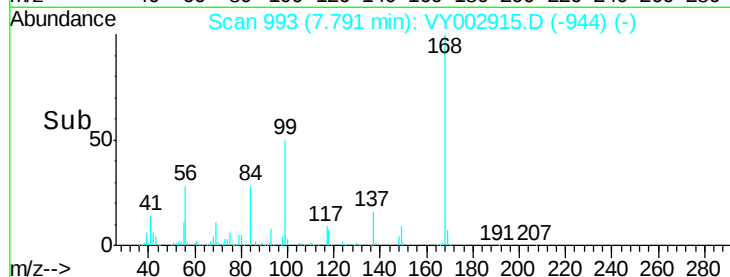
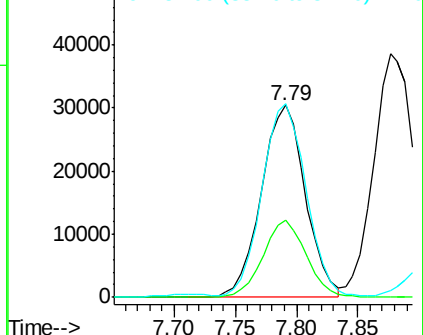
56 100

69 40.2 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: 22.238 ug/l

RT: 7.71 min Scan# 980

Delta R.T. 0.00 min

Lab File: VY002915.D

Acq: 18 Jun 2020 13:15

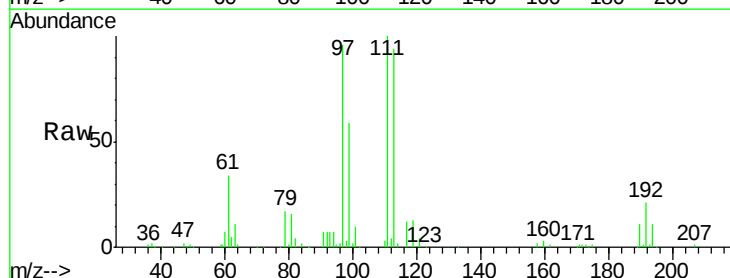
Tgt Ion: 97 Resp: 83945

Ion Ratio Lower Upper

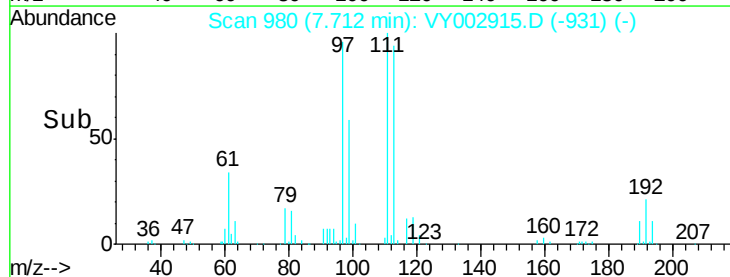
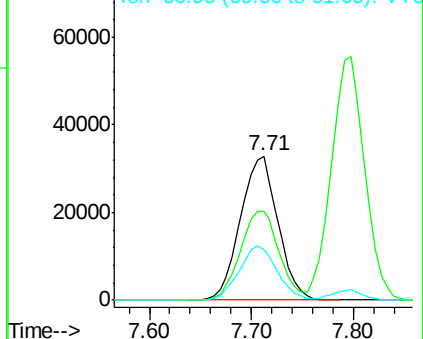
97 100

99 63.6 51.4 77.0

61 37.9 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

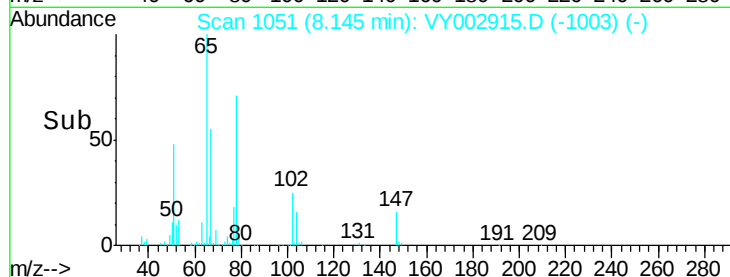
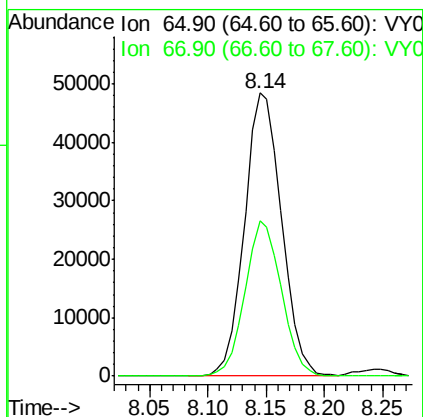
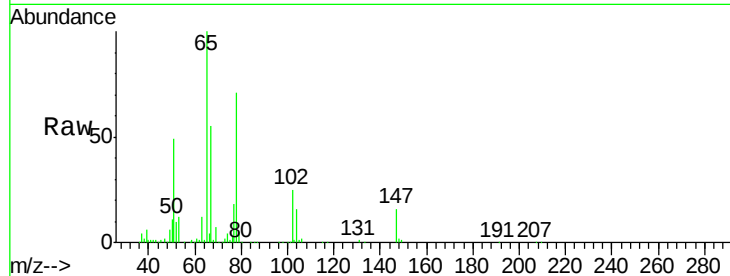




#33
 1,2-Dichloroethane-d4
 Concen: 48.131 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: VY002915.D
 Acq: 18 Jun 2020 13:15

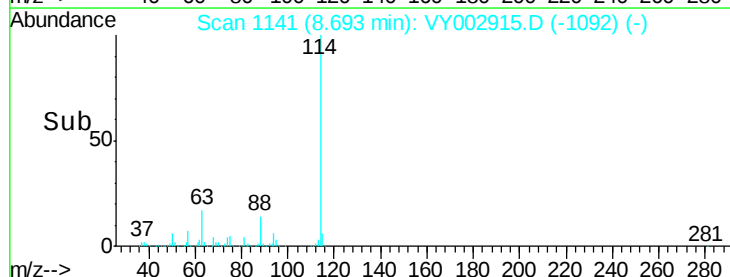
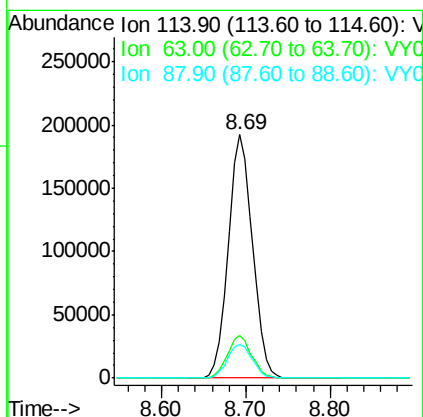
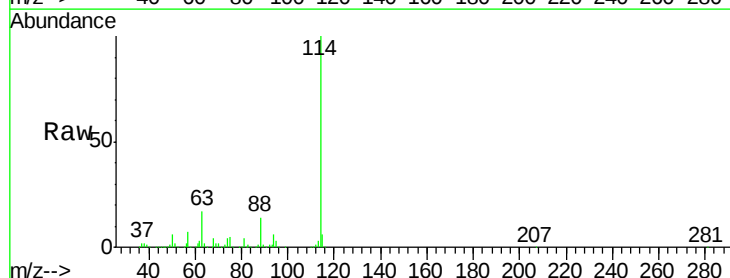
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0618SBS01

Tot Ion: 65 Resp: 107565
 Ion Ratio Lower Upper
 65 100
 67 53.8 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: VY002915.D
 Acq: 18 Jun 2020 13:15

Tgt Ion: 114 Resp: 374264
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 35.2
 88 13.9 0.0 29.2

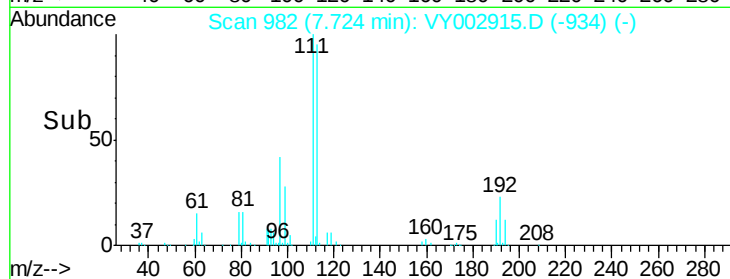
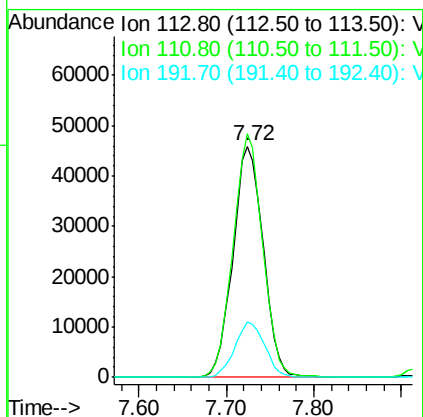
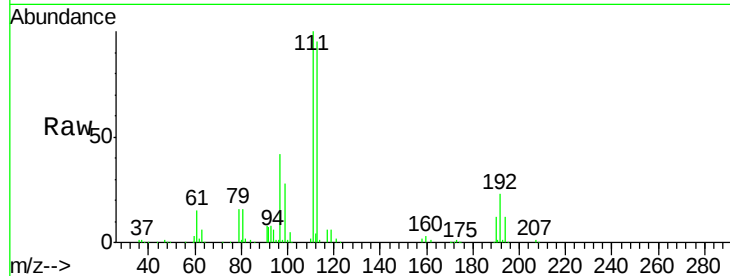




#35
Dibromofluoromethane
Concen: 50.227 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.01 min
Lab File: VY002915.D
Acq: 18 Jun 2020 13:15

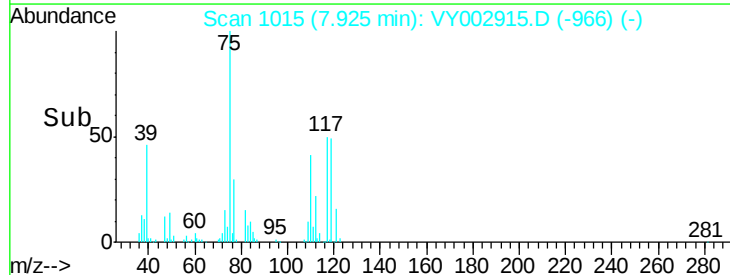
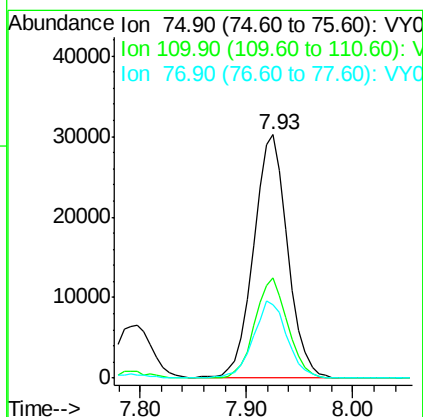
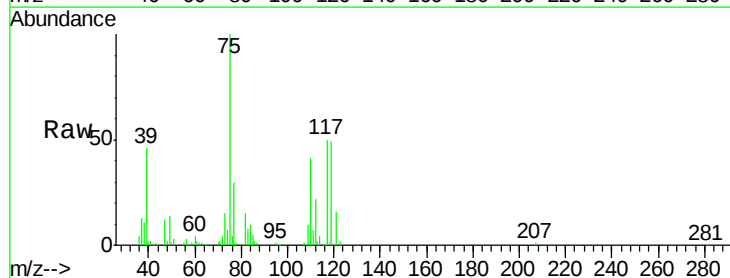
Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

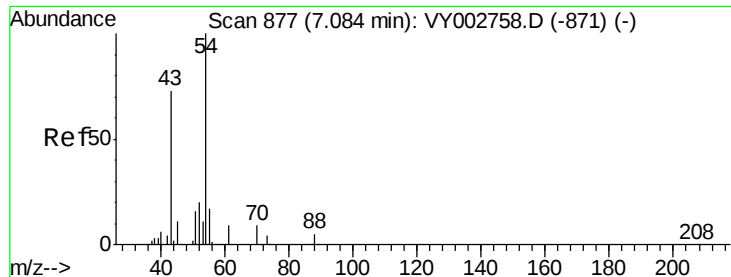
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.0	123.0
192	23.8	18.9	28.3



#36
1,1-Dichloropropene
Concen: 21.460 ug/l
RT: 7.93 min Scan# 1015
Delta R.T. 0.00 min
Lab File: VY002915.D
Acq: 18 Jun 2020 13:15

Tgt Ion	Ratio	Lower	Upper
75	100		
110	39.7	19.3	57.9
77	31.6	24.8	37.2

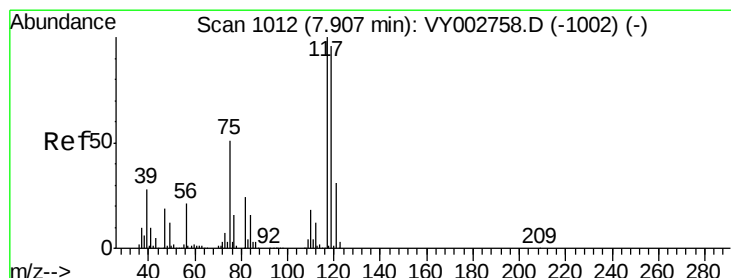
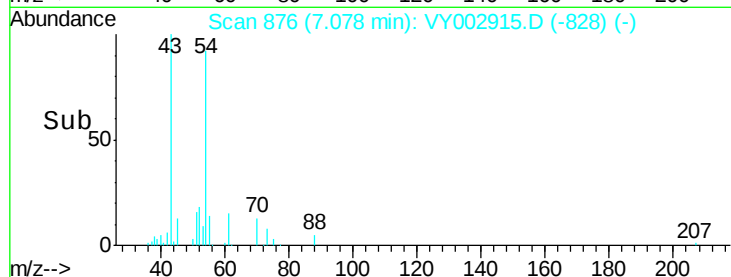
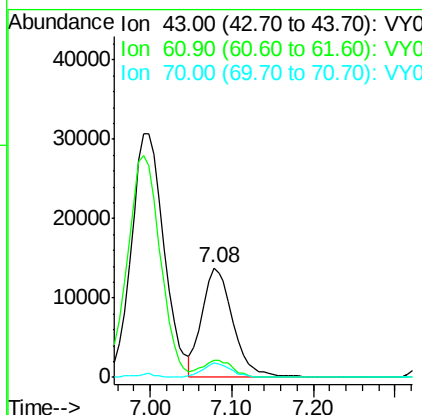
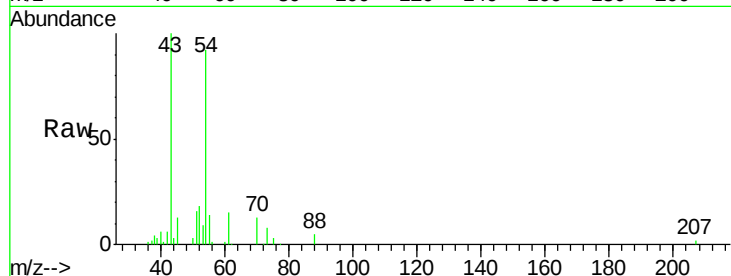




#37
Ethyl Acetate
Concen: 21.356 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY002915.D
Acq: 18 Jun 2020 13:15

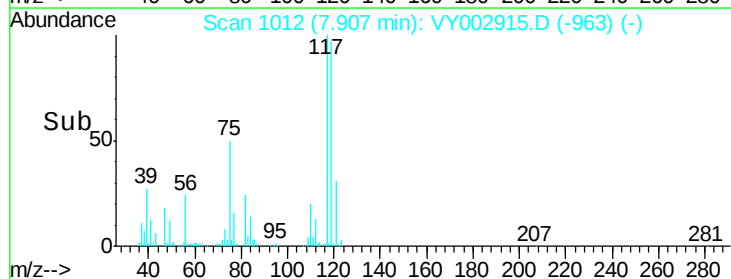
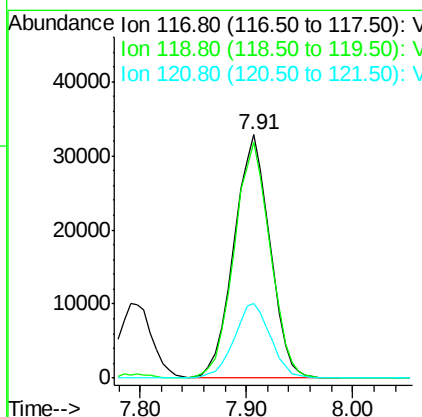
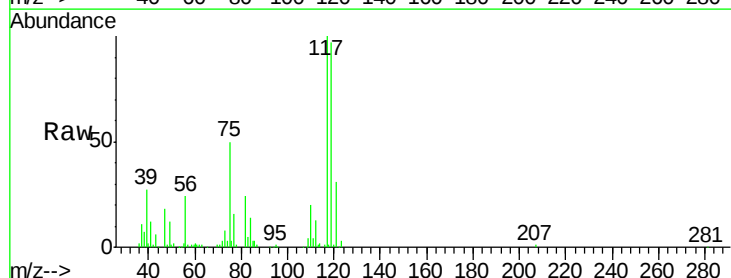
Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

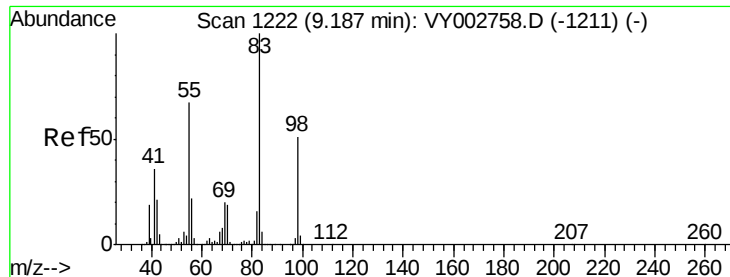
Tot Ion: 43 Resp: 36632
Ion Ratio Lower Upper
43 100
61 14.9 11.9 17.9
70 11.9 9.1 13.7



#38
Carbon Tetrachloride
Concen: 22.245 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY002915.D
Acq: 18 Jun 2020 13:15

Tgt Ion: 117 Resp: 77910
Ion Ratio Lower Upper
117 100
119 96.9 76.8 115.2
121 30.9 24.8 37.2

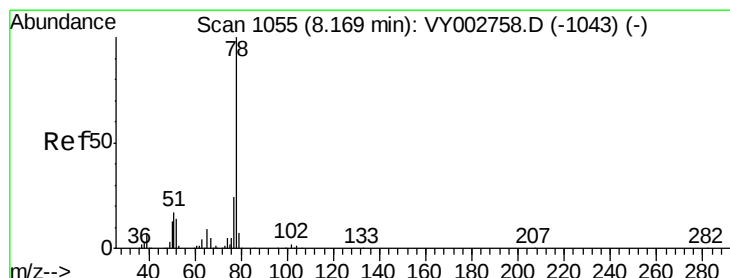
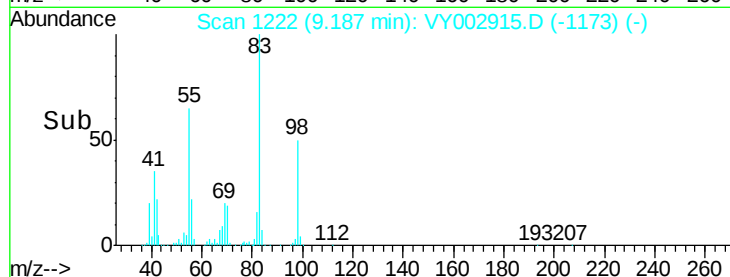
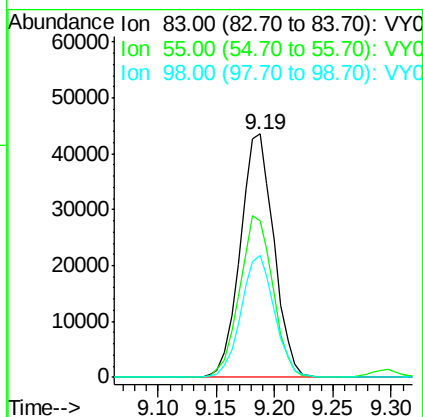
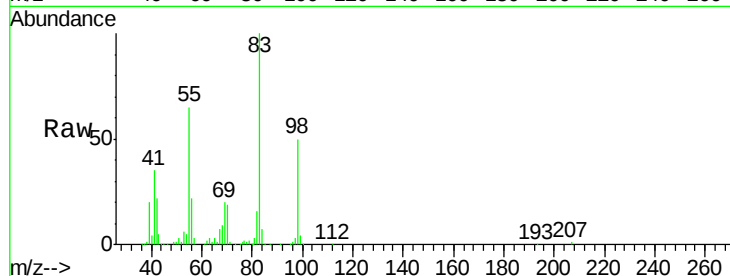




#39
Methvlcvclohexane
Concen: 21.095 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY002915.D
Acq: 18 Jun 2020 13:15

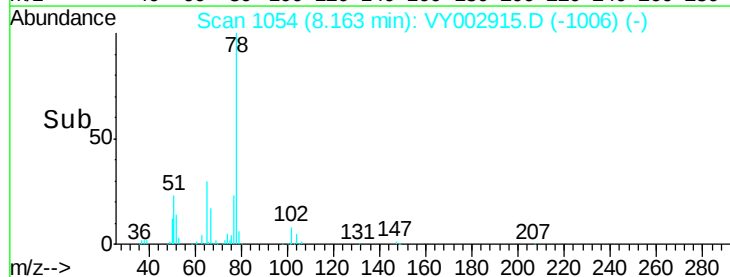
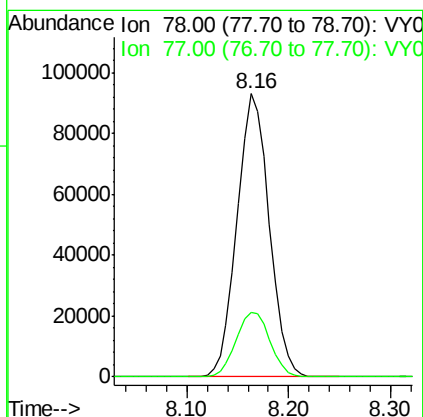
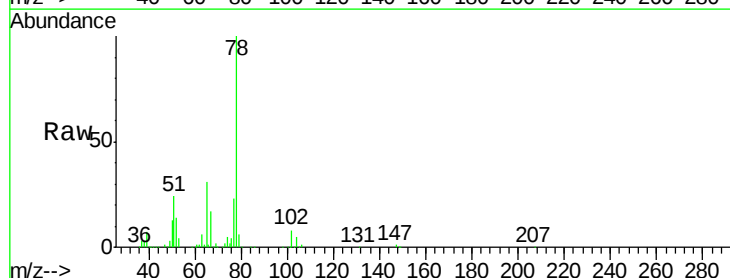
Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

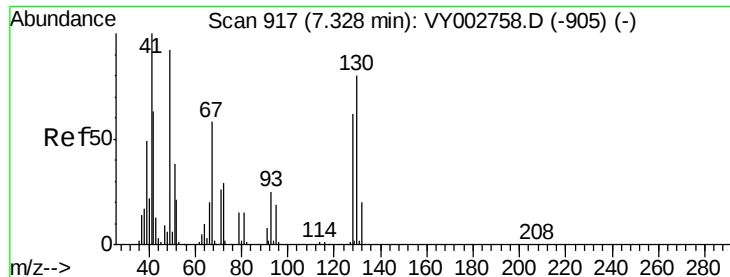
Tot Ion: 83 Resp: 87662
Ion Ratio Lower Upper
83 100
55 64.6 53.3 79.9
98 50.2 41.1 61.7



#40
Benzene
Concen: 21.901 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY002915.D
Acq: 18 Jun 2020 13:15

Tgt Ion: 78 Resp: 204024
Ion Ratio Lower Upper
78 100
77 22.7 18.8 28.2





#41

Methacrylonitrile

Concen: 55.707 ug/l

RT: 7.35 min Scan# 921

Delta R.T. 0.02 min

Lab File: VY002915.D

Acq: 18 Jun 2020 13:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0618SBS01

Tot Ion: 41 Resp: 51334

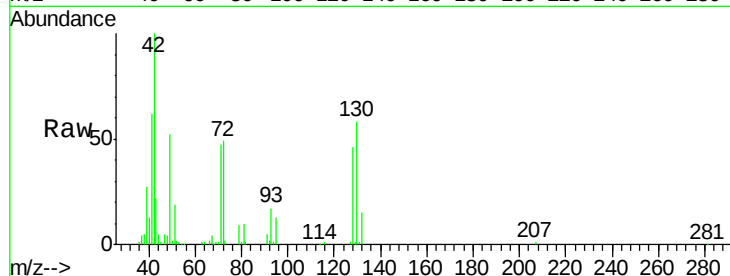
Ion Ratio Lower Upper

41 100

39 0.0 97.6 146.4#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

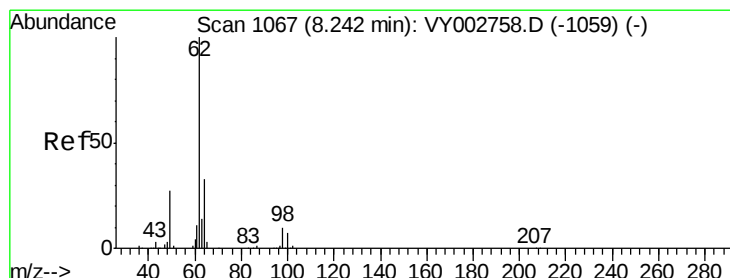
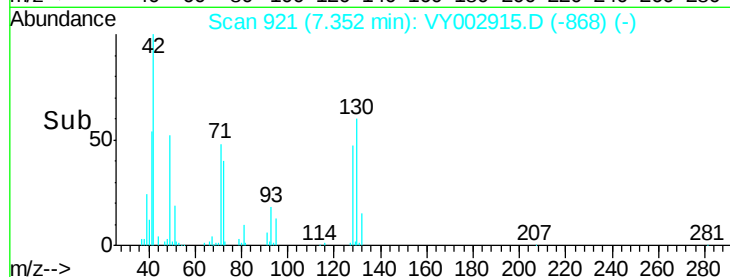
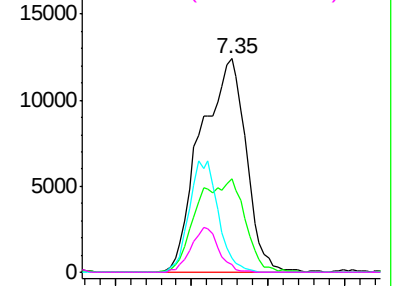


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 22.402 ug/l

RT: 8.24 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VY002915.D

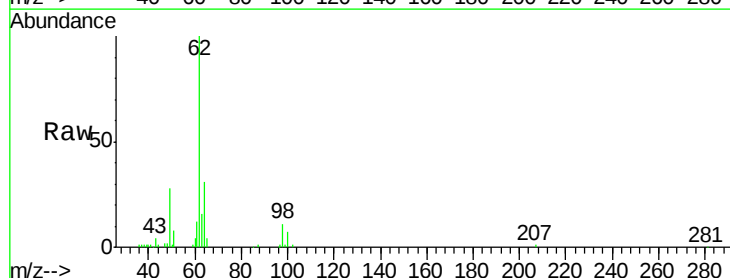
Acq: 18 Jun 2020 13:15

Tgt Ion: 62 Resp: 58486

Ion Ratio Lower Upper

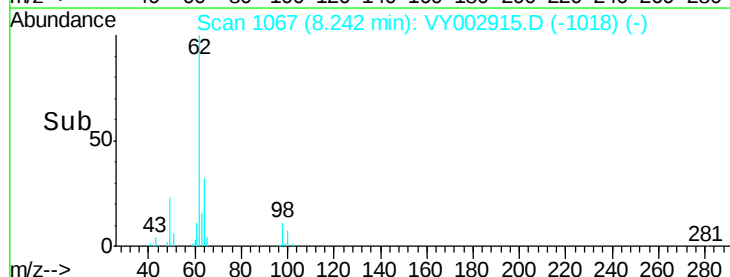
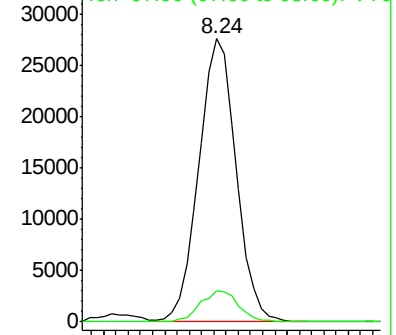
62 100

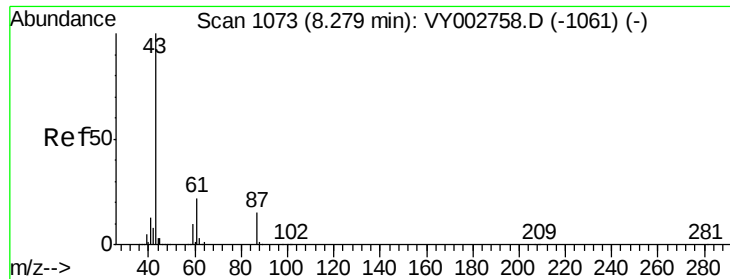
98 11.3 0.0 22.6



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 21.293 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VY002915.D

Acq: 18 Jun 2020 13:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0618SBS01

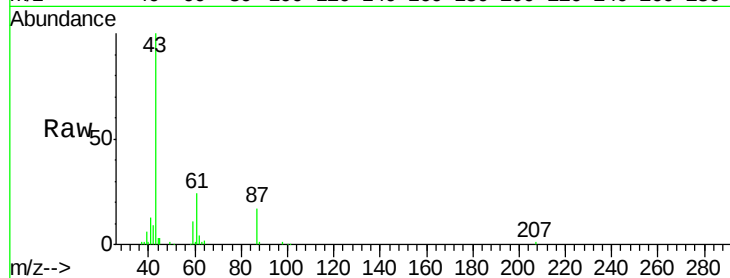
Tot Ion: 43 Resp: 69215

Ion Ratio Lower Upper

43 100

61 32.0 24.8 37.2

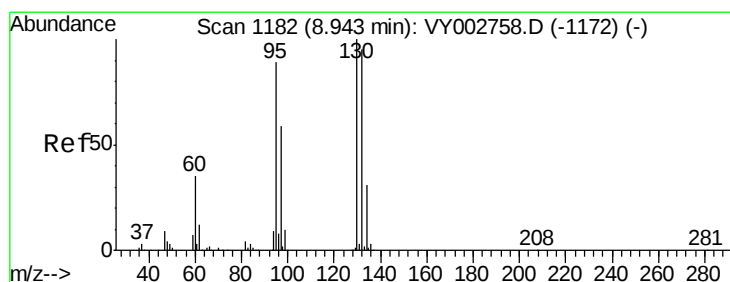
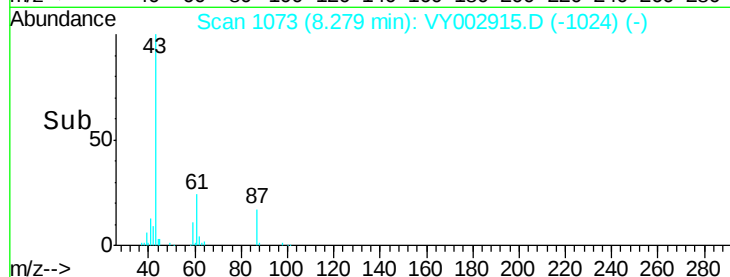
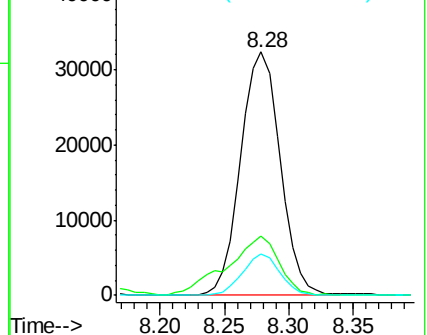
87 16.1 12.4 18.6



Abundance Ion 43.00 (42.70 to 43.70): VY002915.D (-1024) (-)

Ion 61.00 (60.70 to 61.70): VY002915.D (-1024) (-)

Ion 87.00 (86.70 to 87.70): VY002915.D (-1024) (-)



#44

Trichloroethene

Concen: 21.732 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VY002915.D

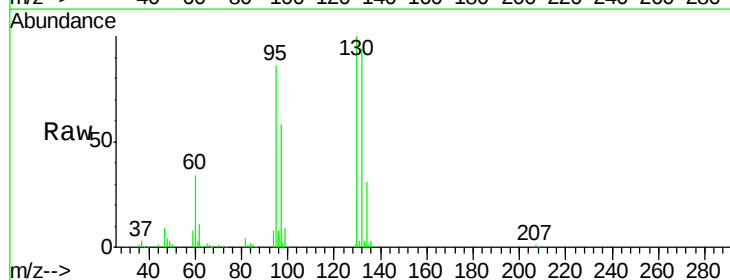
Acq: 18 Jun 2020 13:15

Tgt Ion: 130 Resp: 63947

Ion Ratio Lower Upper

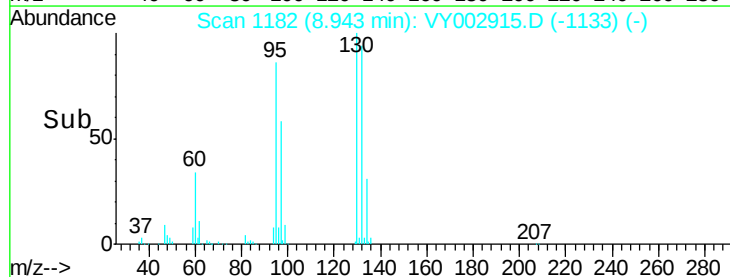
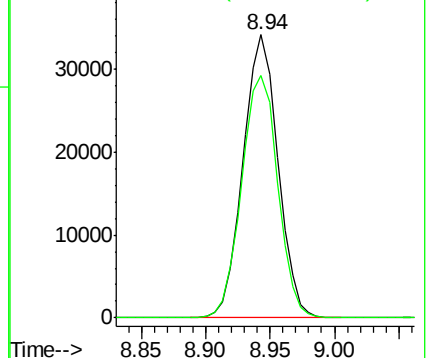
130 100

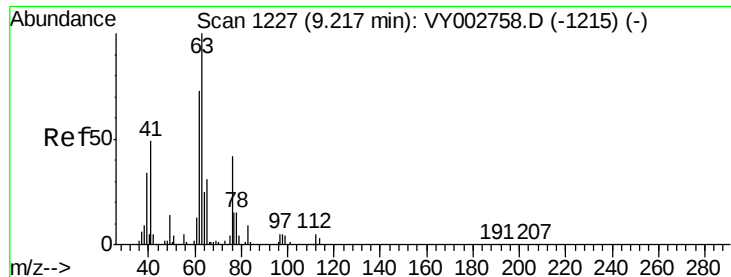
95 85.8 0.0 178.8



Abundance Ion 129.80 (129.50 to 130.50): VY002915.D (-1133) (-)

Ion 94.90 (94.60 to 95.60): VY002915.D (-1133) (-)

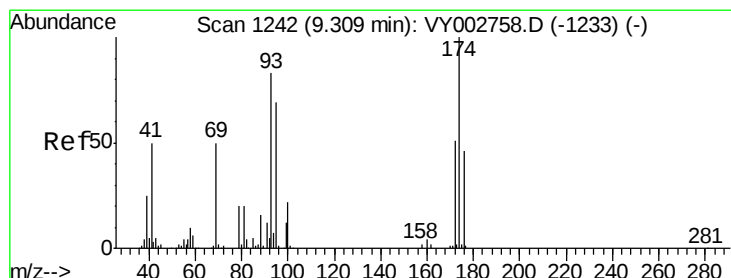
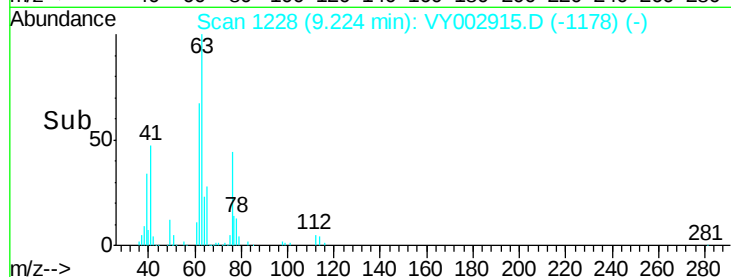
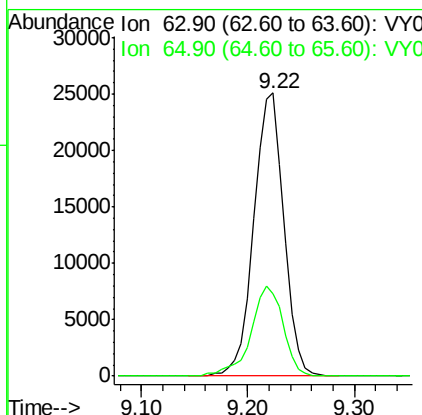
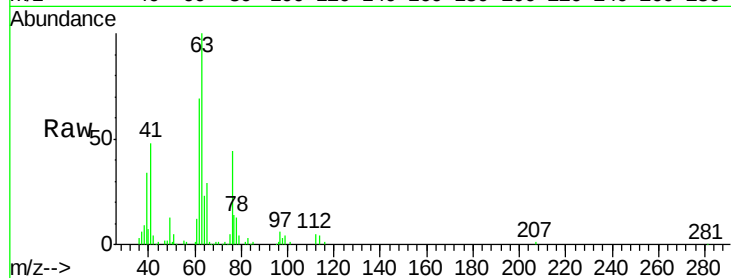




#45
 1,2-Dichloropropane
 Concen: 22.261 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. 0.01 min
 Lab File: VY002915.D
 Acq: 18 Jun 2020 13:15

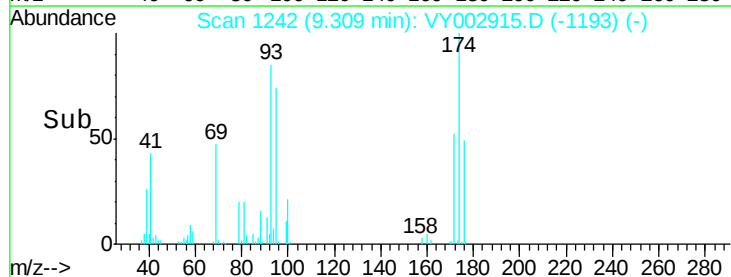
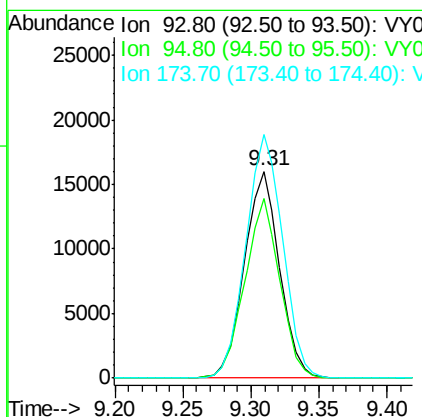
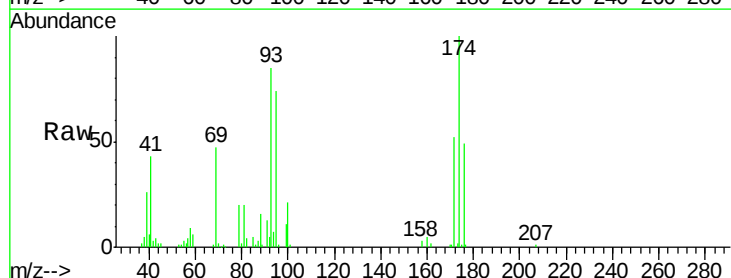
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0618SBS01

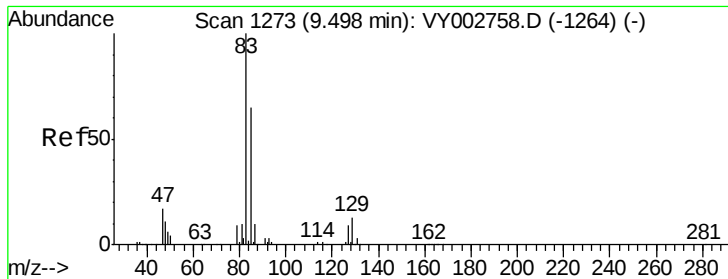
Tot Ion: 63 Resp: 49730
 Ion Ratio Lower Upper
 63 100
 65 29.0 24.8 37.2



#46
 Dibromomethane
 Concen: 21.850 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY002915.D
 Acq: 18 Jun 2020 13:15

Tgt Ion: 93 Resp: 28989
 Ion Ratio Lower Upper
 93 100
 95 86.3 66.9 100.3
 174 123.4 97.7 146.5





#47

Bromodichloromethane

Concen: 22.941 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY002915.D

Acq: 18 Jun 2020 13:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0618SBS01

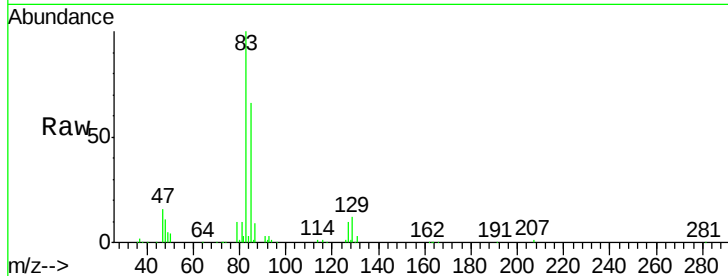
Tot Ion: 83 Resp: 71752

Ion Ratio Lower Upper

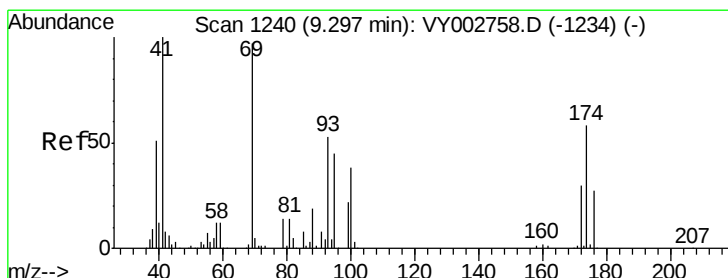
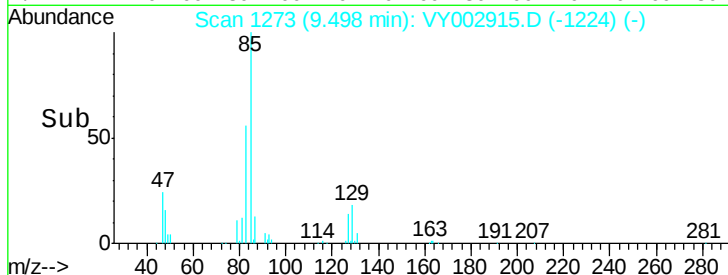
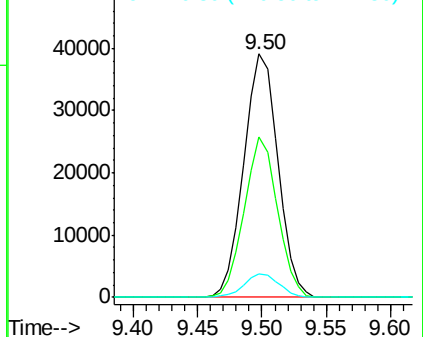
83 100

85 66.0 51.9 77.9

127 9.6 7.1 10.7



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



#48

Methyl methacrylate

Concen: 20.635 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VY002915.D

Acq: 18 Jun 2020 13:15

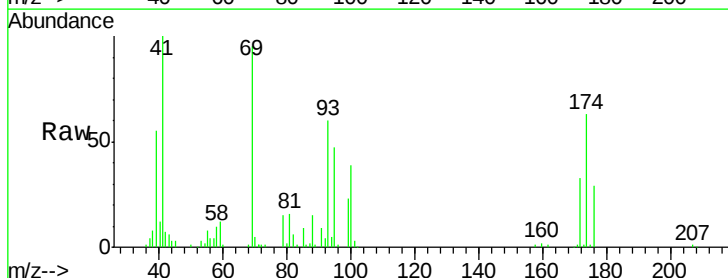
Tgt Ion: 41 Resp: 30280

Ion Ratio Lower Upper

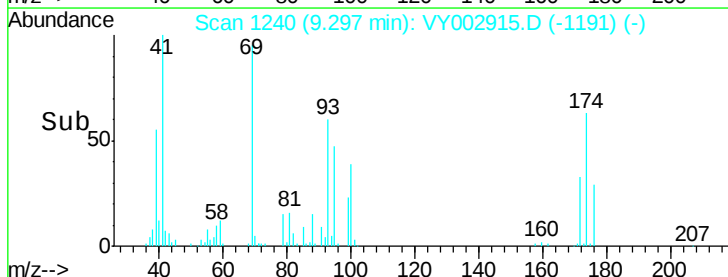
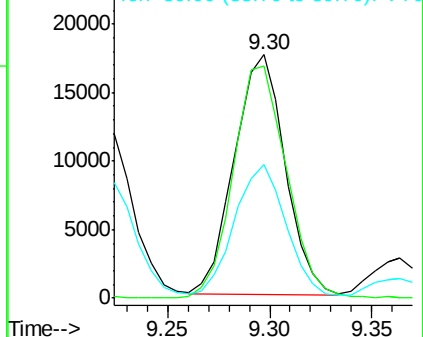
41 100

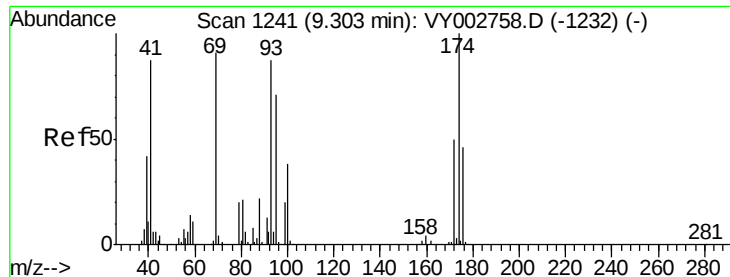
69 101.5 79.7 119.5

39 55.1 43.3 64.9



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

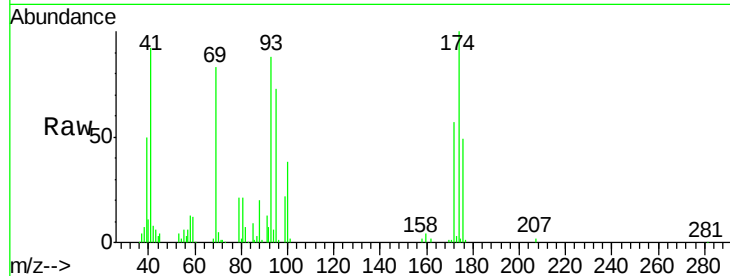




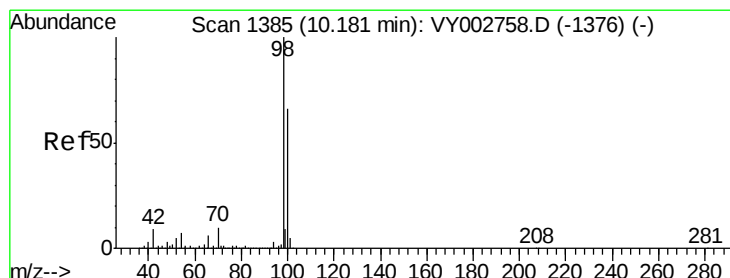
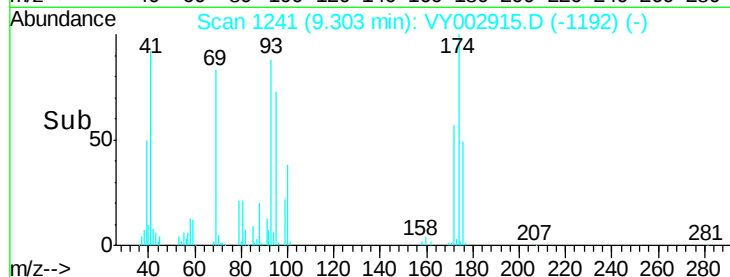
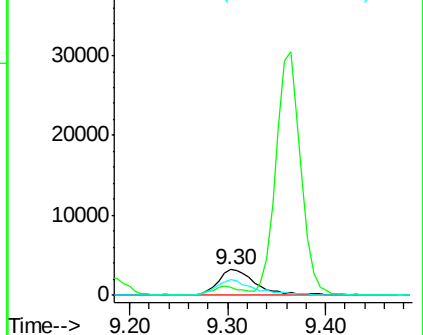
#49
1,4-Dioxane
Concen: 423.335 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VY002915.D
Acq: 18 Jun 2020 13:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

Tot Ion: 88 Resp: 8624
Ion Ratio Lower Upper
88 100
43 26.3 21.3 31.9
58 64.3 52.2 78.2

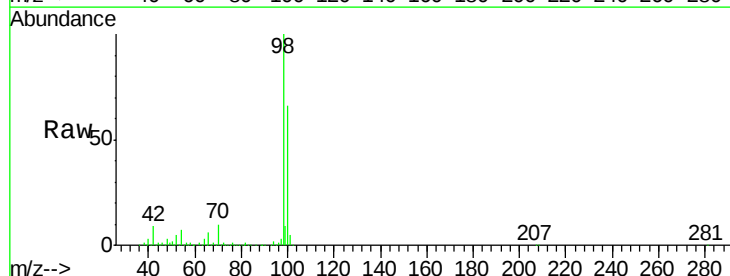


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

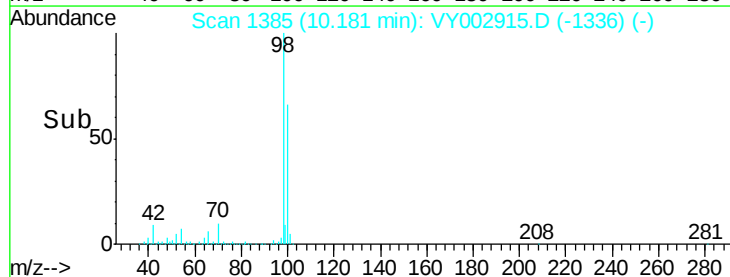
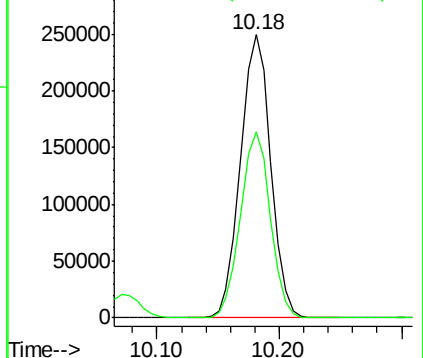


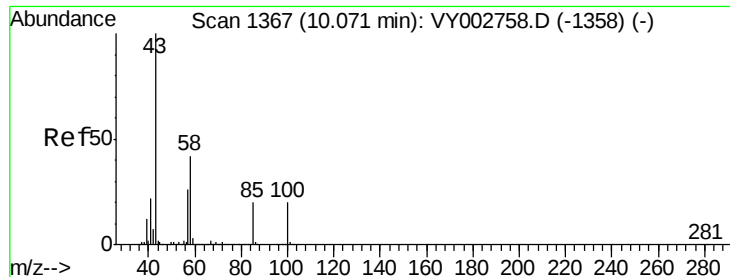
#50
Toluene-d8
Concen: 48.202 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY002915.D
Acq: 18 Jun 2020 13:15

Tgt Ion: 98 Resp: 427471
Ion Ratio Lower Upper
98 100
100 64.9 52.2 78.2



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

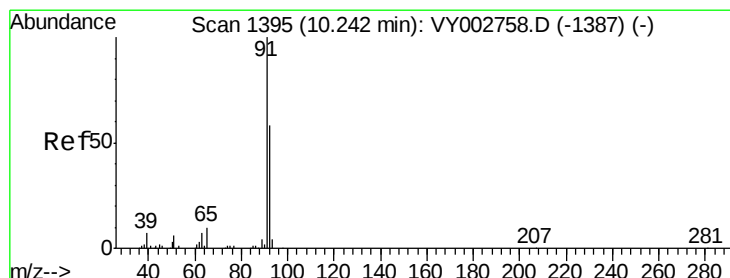
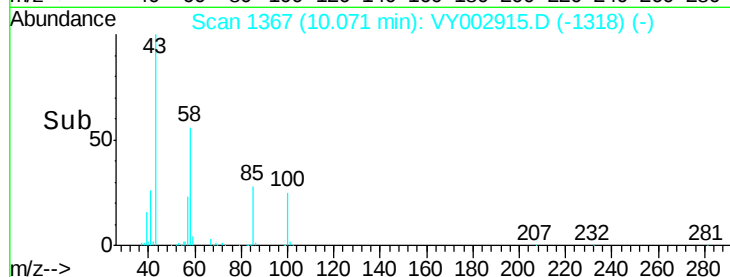
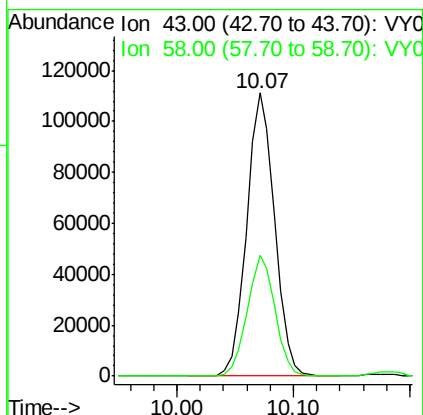
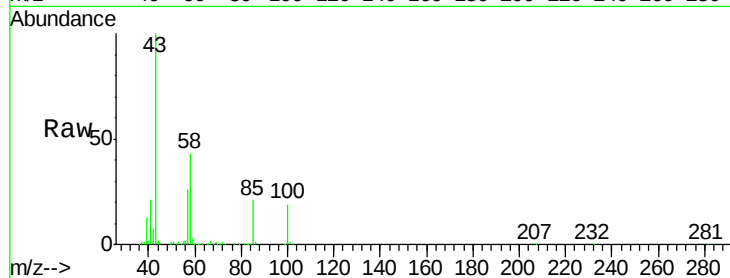




#51
4-Methyl-2-Pentanone
Concen: 107.566 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VY002915.D
Acq: 18 Jun 2020 13:15

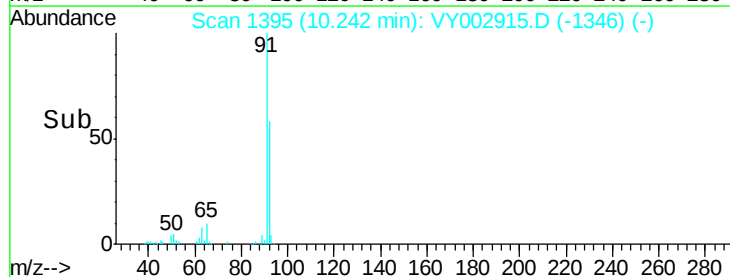
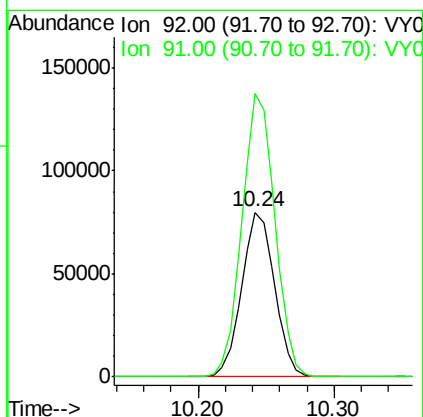
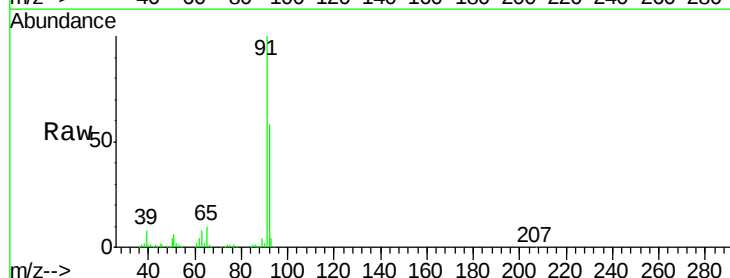
Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

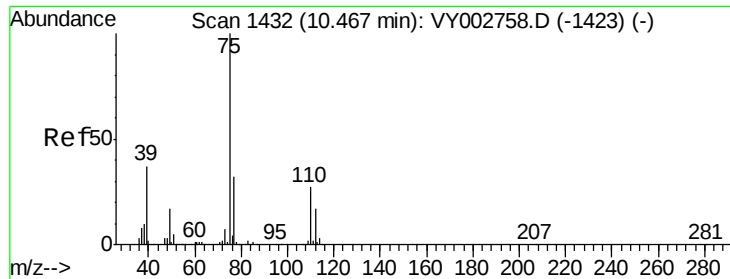
Tot Ion: 43 Resp: 185147
Ion Ratio Lower Upper
43 100
58 42.7 34.2 51.2



#52
Toluene
Concen: 22.163 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. 0.00 min
Lab File: VY002915.D
Acq: 18 Jun 2020 13:15

Tgt Ion: 92 Resp: 135065
Ion Ratio Lower Upper
92 100
91 172.3 138.5 207.7





#53

t-1,3-Dichloropropene

Concen: 22.347 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY002915.D

Acq: 18 Jun 2020 13:15

Instrument :

MSVOA_Y

ClientSampleId :

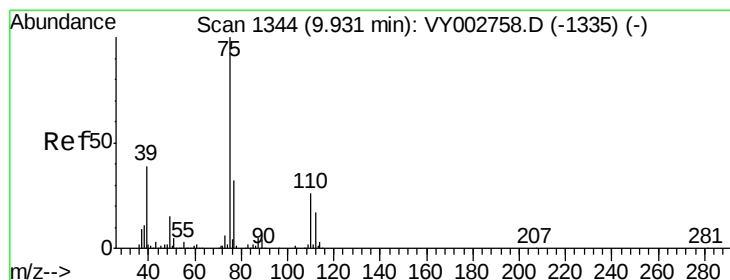
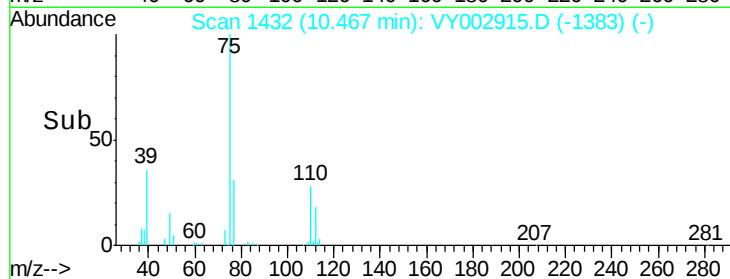
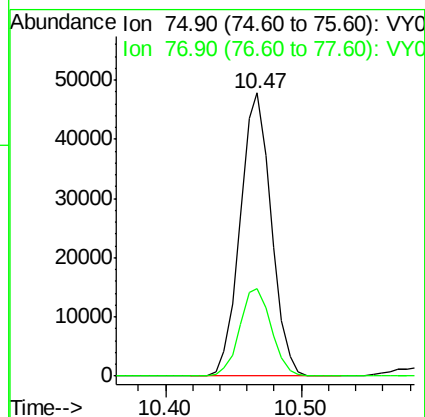
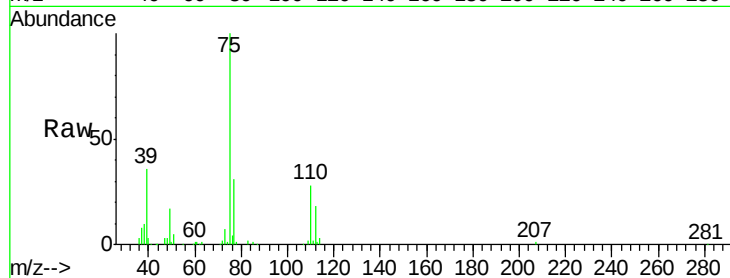
VY0618SBS01

Tot Ion: 75 Resp: 76344

Ion Ratio Lower Upper

75 100

77 31.0 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 22.021 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY002915.D

Acq: 18 Jun 2020 13:15

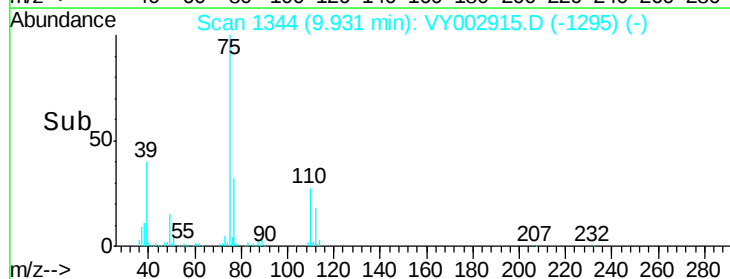
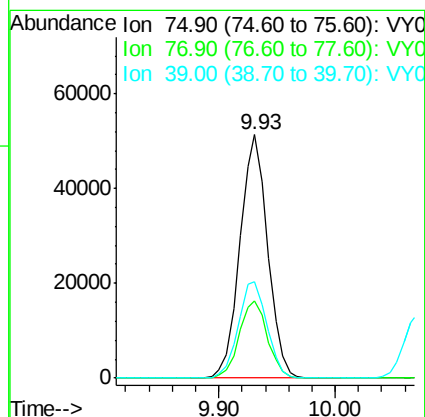
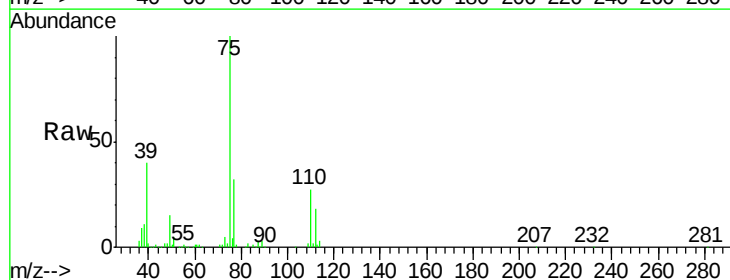
Tgt Ion: 75 Resp: 85243

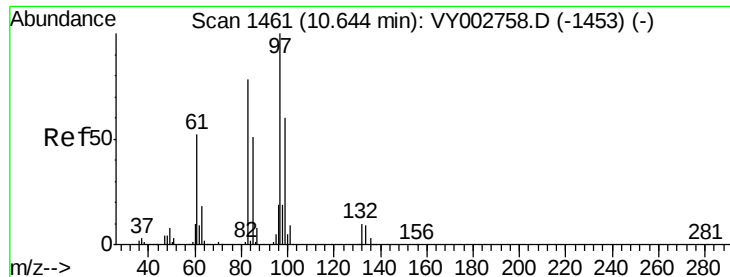
Ion Ratio Lower Upper

75 100

77 31.9 25.6 38.4

39 39.8 31.3 46.9

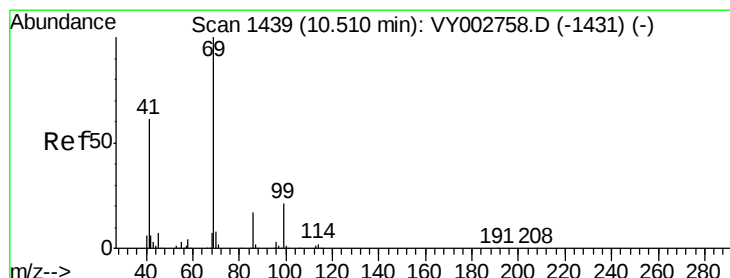
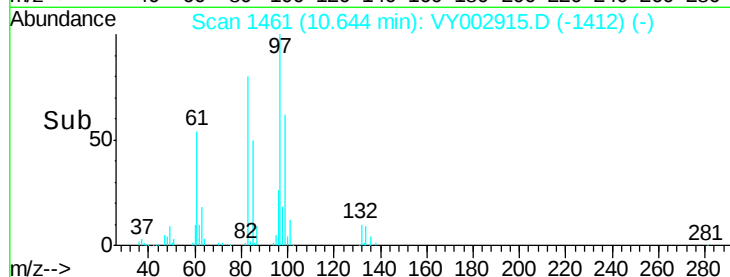
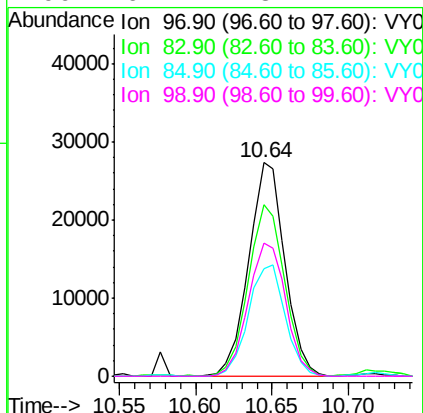
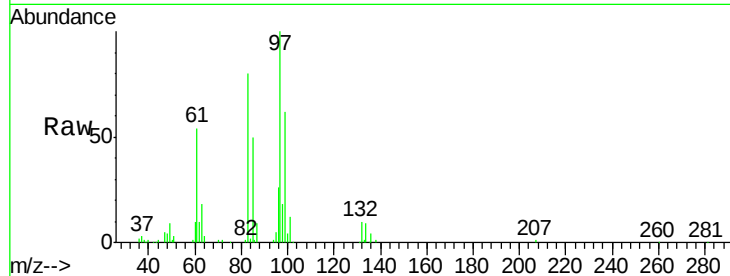




#55
 1,1,2-Trichloroethane
 Concen: 22.151 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY002915.D
 Acq: 18 Jun 2020 13:15

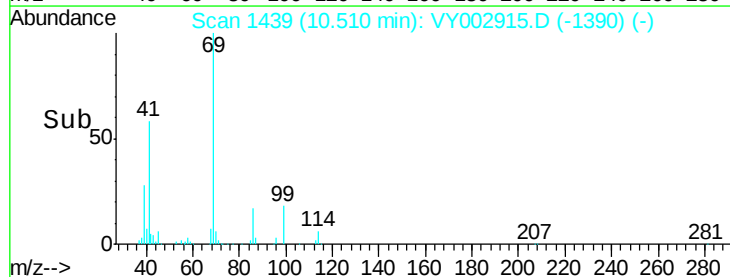
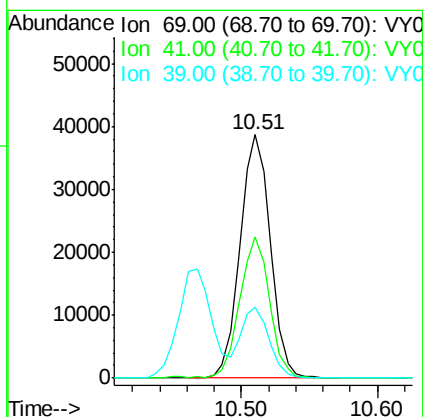
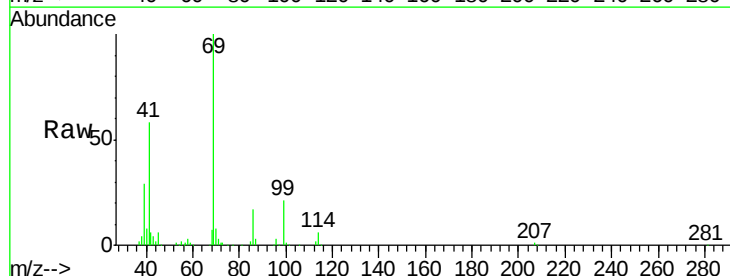
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0618SBS01

Tot Ion:	97	Resp:	44993
Ion	Ratio	Lower	Upper
97	100		
83	79.7	62.7	94.1
85	50.3	40.6	60.8
99	62.2	48.2	72.4



#56
 Ethyl methacrylate
 Concen: 22.050 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY002915.D
 Acq: 18 Jun 2020 13:15

Tgt Ion:	69	Resp:	59989
Ion	Ratio	Lower	Upper
69	100		
41	56.3	47.0	70.4
39	27.3	22.0	33.0





#57

1,3-Dichloropropane

Concen: 22.435 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY002915.D

Acq: 18 Jun 2020 13:15

Instrument :

MSVOA_Y

ClientSampleId :

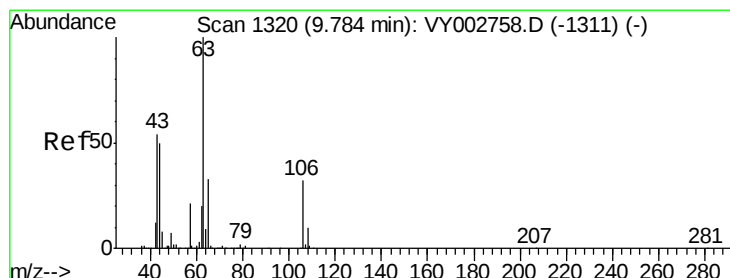
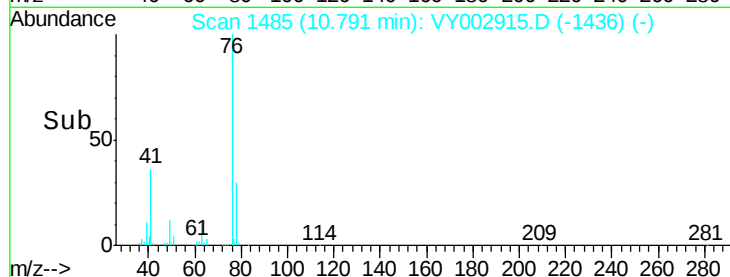
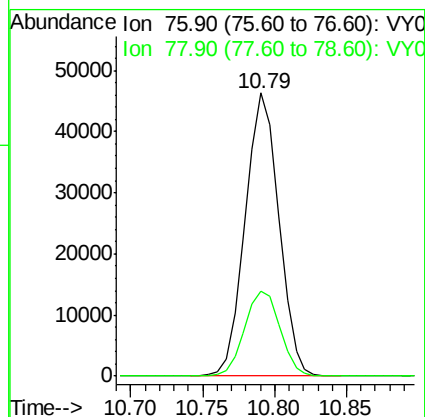
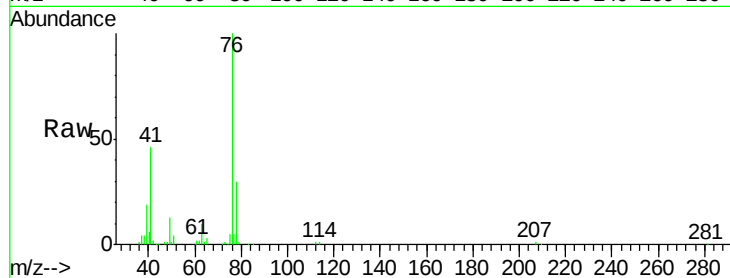
VY0618SBS01

Tot Ion: 76 Resp: 74952

Ion Ratio Lower Upper

76 100

78 31.7 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 106.467 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY002915.D

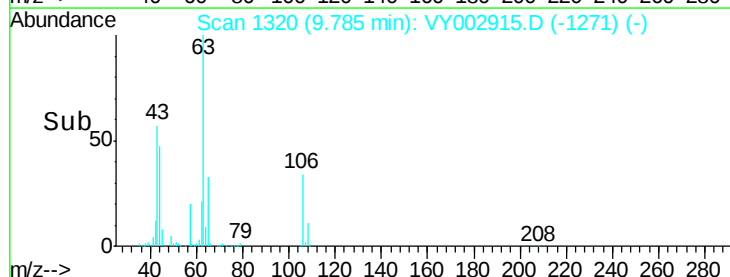
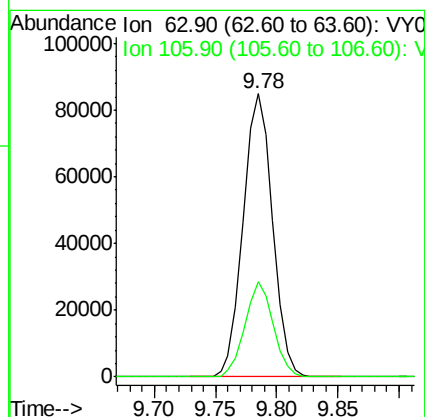
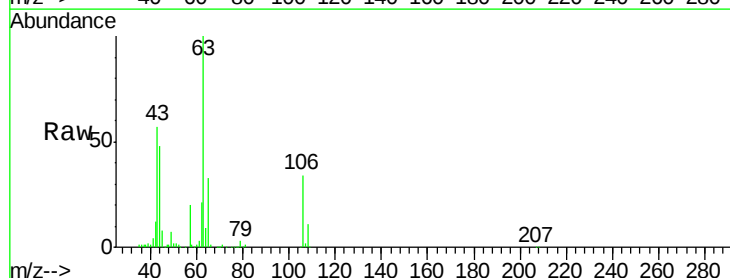
Acq: 18 Jun 2020 13:15

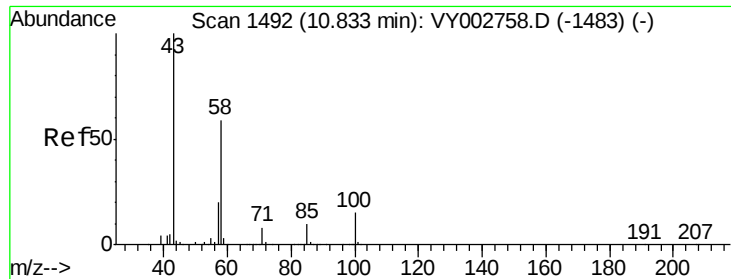
Tgt Ion: 63 Resp: 141532

Ion Ratio Lower Upper

63 100

106 32.5 25.4 38.2

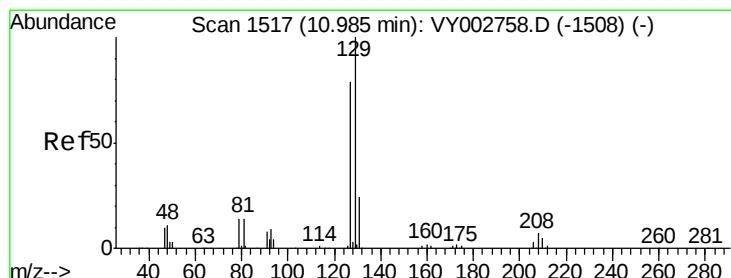
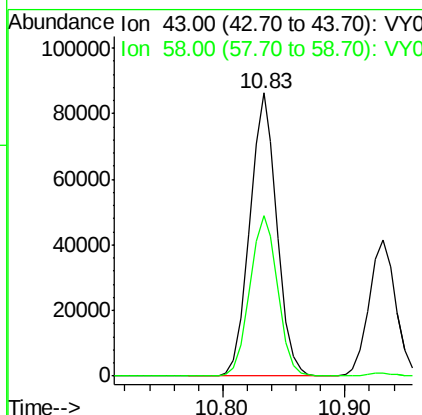
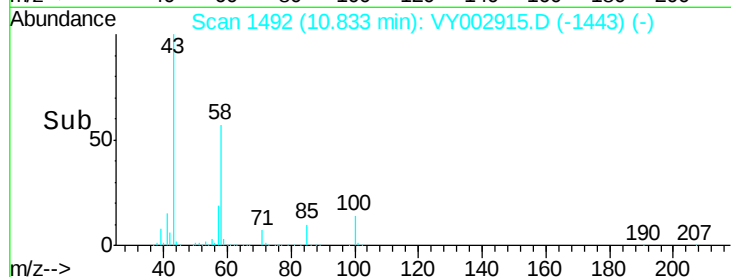
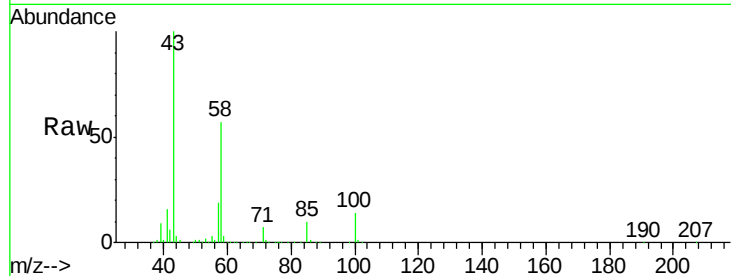




#59
2-Hexanone
Concen: 109.069 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY002915.D
Acq: 18 Jun 2020 13:15

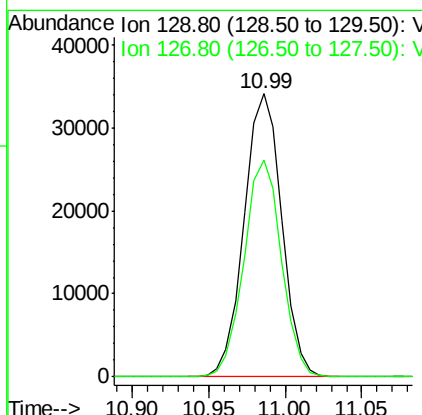
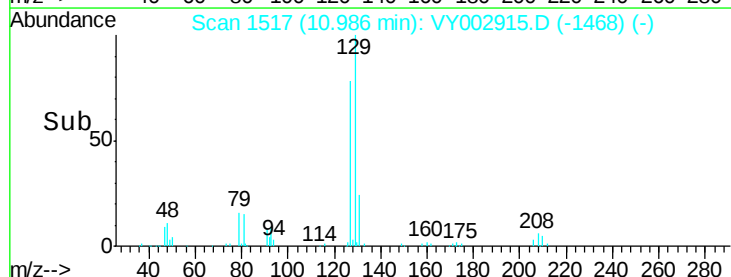
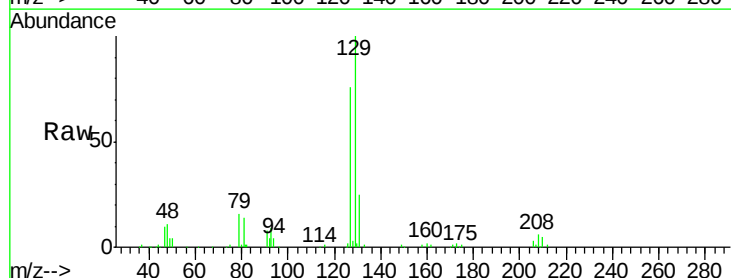
Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

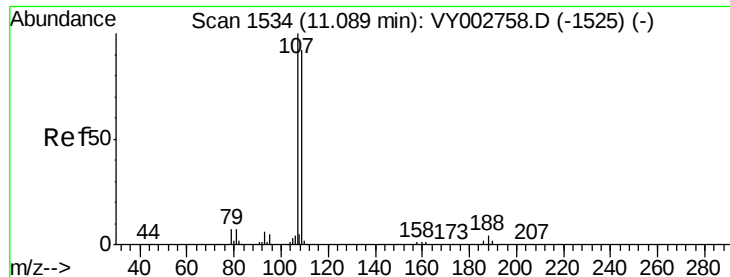
Tot Ion: 43 Resp: 133201
Ion Ratio Lower Upper
43 100
58 58.2 29.5 88.5



#60
Dibromochloromethane
Concen: 22.661 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY002915.D
Acq: 18 Jun 2020 13:15

Tgt Ion: 129 Resp: 58356
Ion Ratio Lower Upper
129 100
127 76.0 38.5 115.3

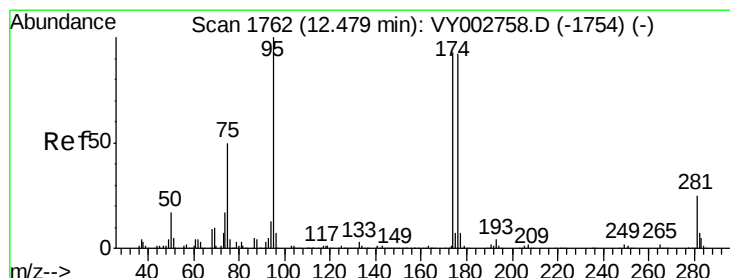
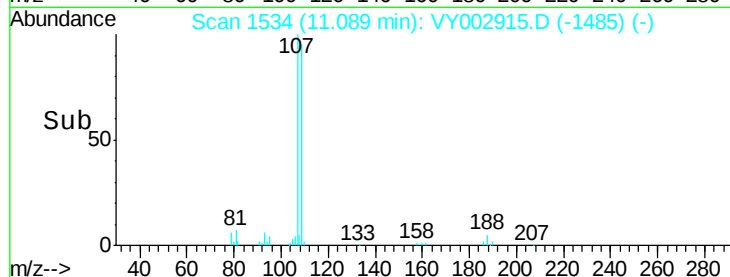
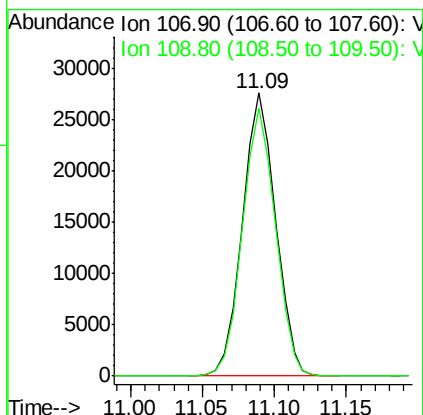
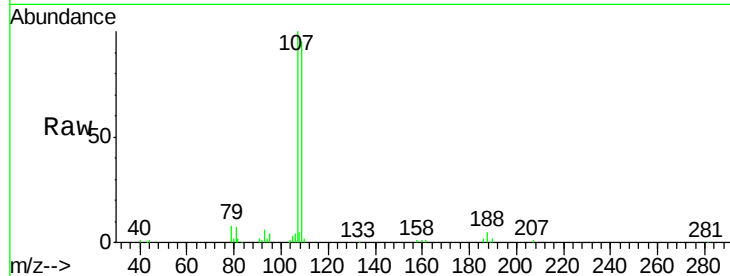




#61
 1,2-Dibromoethane
 Concen: 22.008 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY002915.D
 Acq: 18 Jun 2020 13:15

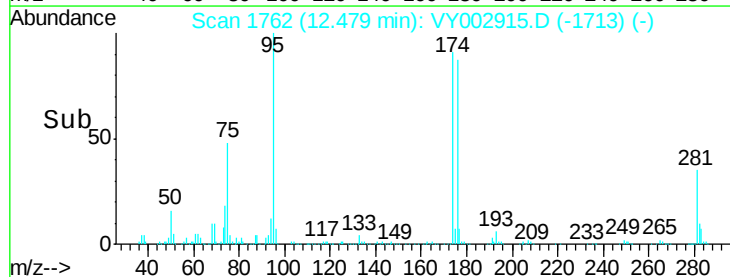
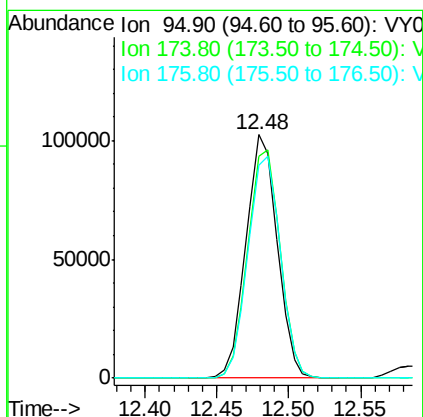
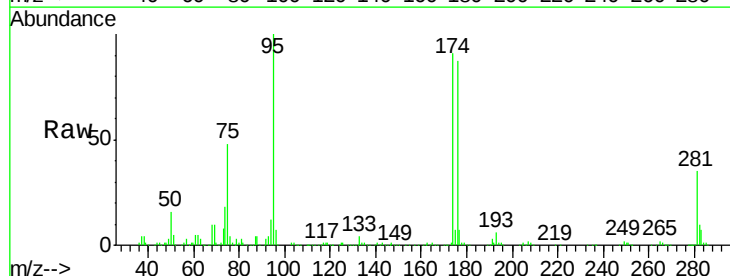
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0618SBS01

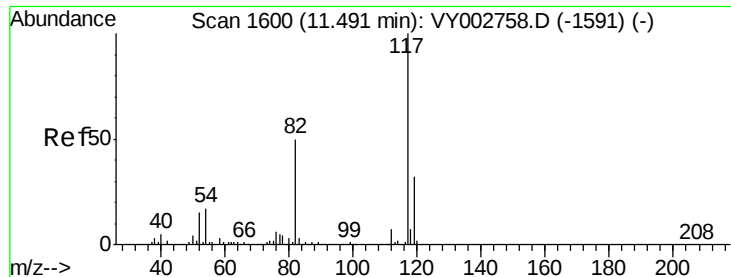
Tot Ion: 107 Resp: 44096
 Ion Ratio Lower Upper
 107 100
 109 94.2 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 50.967 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY002915.D
 Acq: 18 Jun 2020 13:15

Tgt Ion: 95 Resp: 154471
 Ion Ratio Lower Upper
 95 100
 174 96.8 0.0 191.2
 176 94.2 0.0 188.8

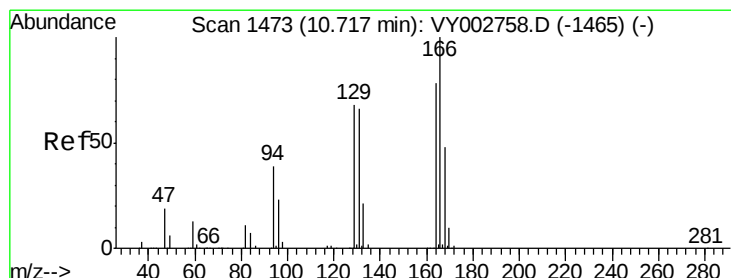
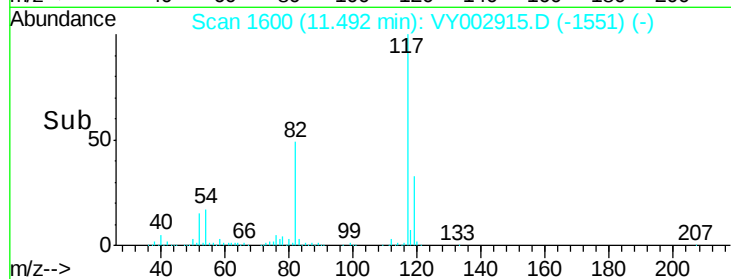
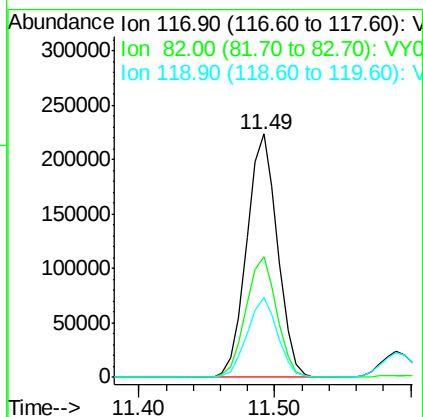
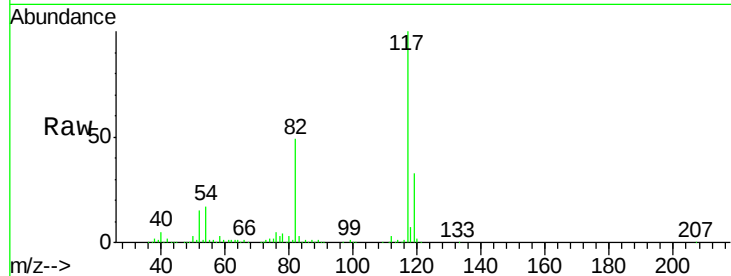




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002915.D
Acq: 18 Jun 2020 13:15

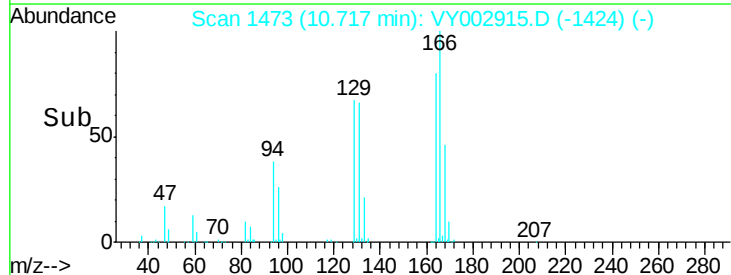
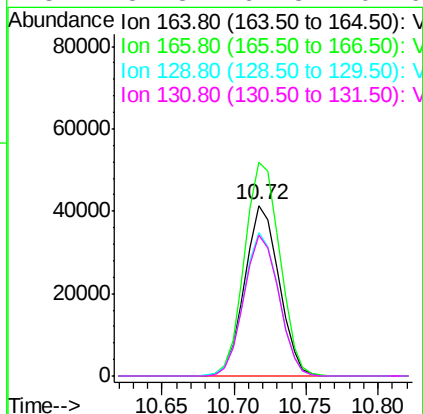
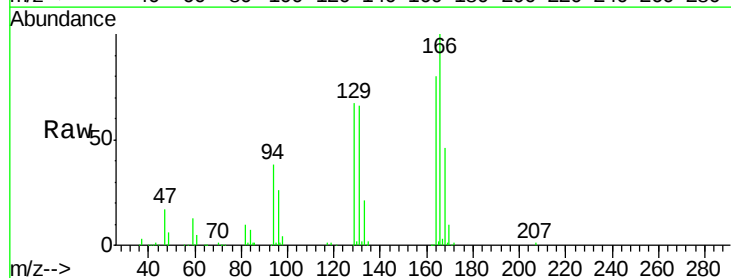
Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

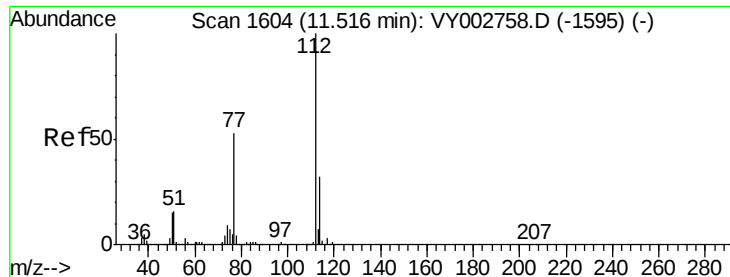
Tot Ion:117 Resp: 353840
Ion Ratio Lower Upper
117 100
82 49.5 40.2 60.4
119 32.6 25.8 38.8



#64
Tetrachloroethene
Concen: 21.236 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY002915.D
Acq: 18 Jun 2020 13:15

Tgt Ion:164 Resp: 68293
Ion Ratio Lower Upper
164 100
166 125.2 102.3 153.5
129 83.9 69.4 104.2
131 82.3 67.8 101.6

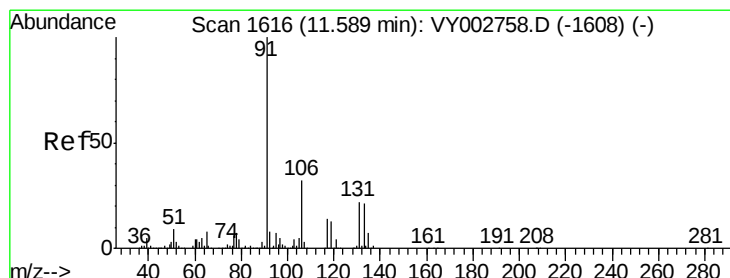
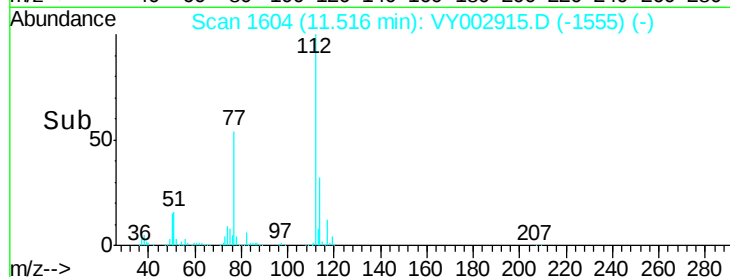
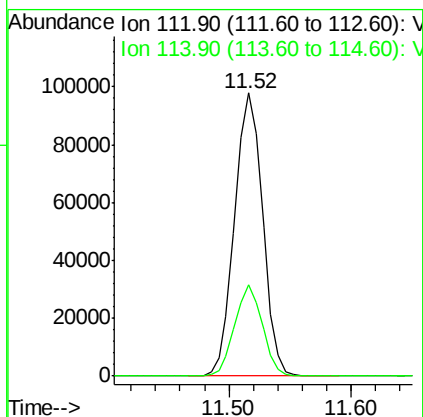
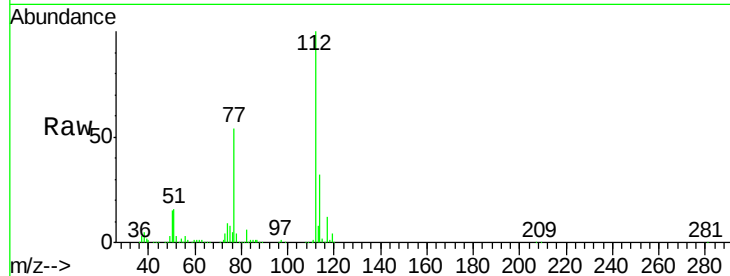




#65
Chlorobenzene
Concen: 22.218 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY002915.D
Acq: 18 Jun 2020 13:15

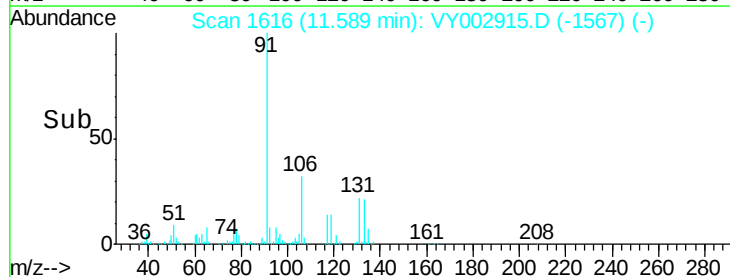
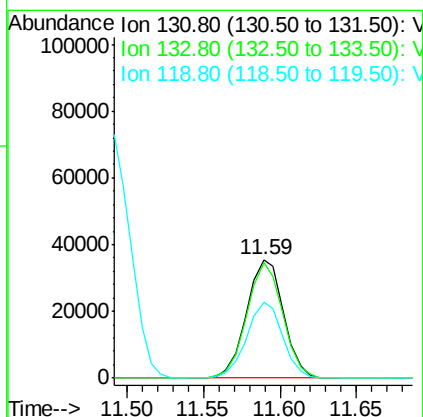
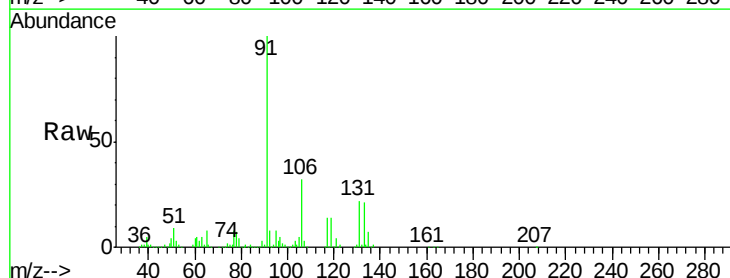
Instrument :
MSVOA_Y
ClientSampled :
VY0618SBS01

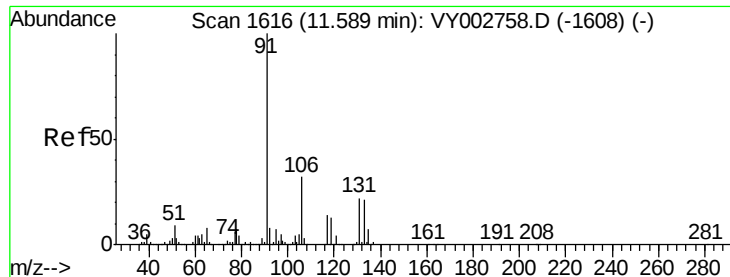
Tot Ion:112 Resp: 155386
Ion Ratio Lower Upper
112 100
114 32.3 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 22.580 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY002915.D
Acq: 18 Jun 2020 13:15

Tgt Ion:131 Resp: 59476
Ion Ratio Lower Upper
131 100
133 94.9 47.6 142.8
119 62.8 31.7 95.1





#67

Ethyl Benzene

Concen: 21.984 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. 0.01 min

Lab File: VY002915.D

Acq: 18 Jun 2020 13:15

Instrument :

MSVOA_Y

ClientSampleId :

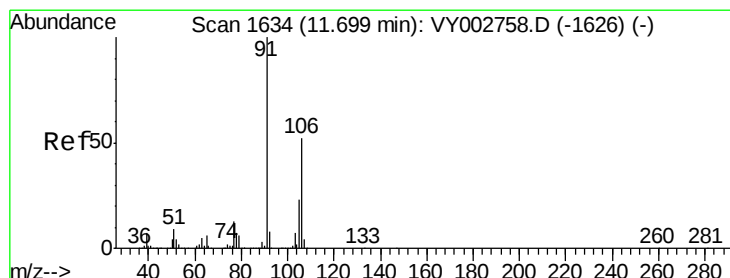
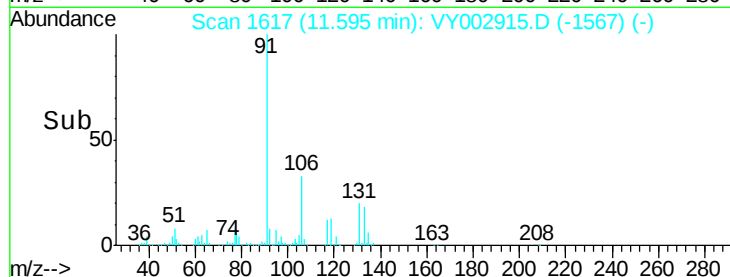
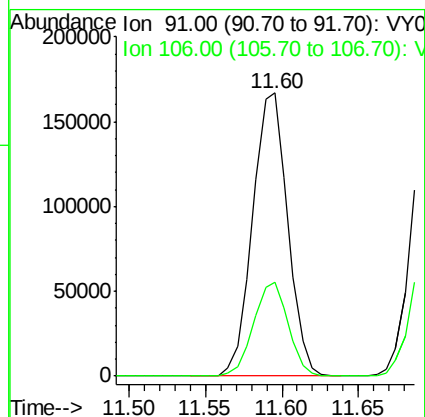
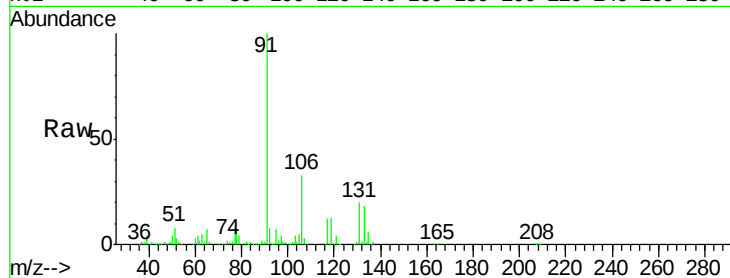
VY0618SBS01

Tot Ion: 91 Resp: 266539

Ion Ratio Lower Upper

91 100

106 33.1 25.7 38.5



#68

m/p-Xylenes

Concen: 43.940 ug/l

RT: 11.70 min Scan# 1635

Delta R.T. 0.01 min

Lab File: VY002915.D

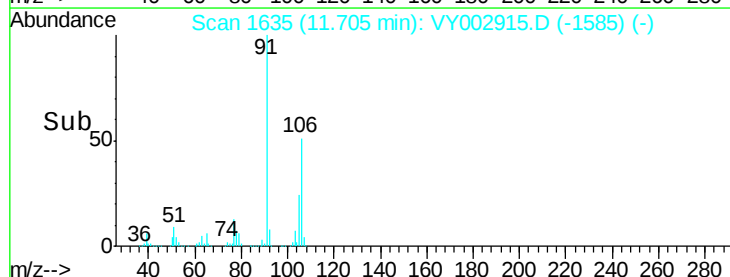
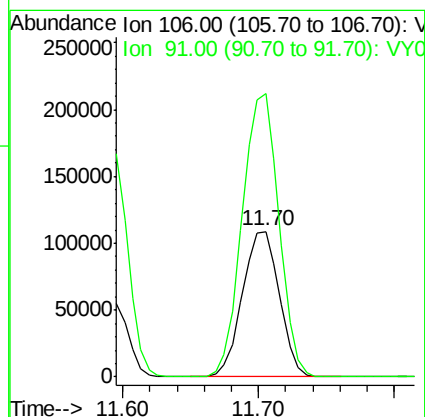
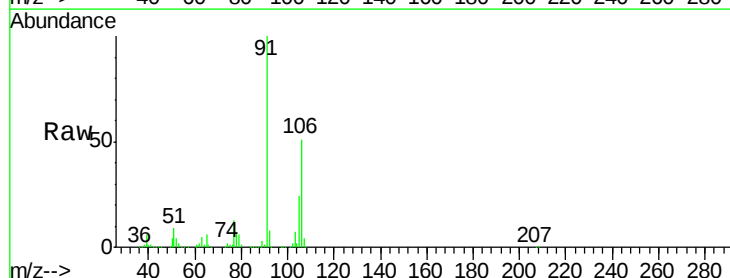
Acq: 18 Jun 2020 13:15

Tgt Ion: 106 Resp: 206554

Ion Ratio Lower Upper

106 100

91 193.3 156.0 234.0

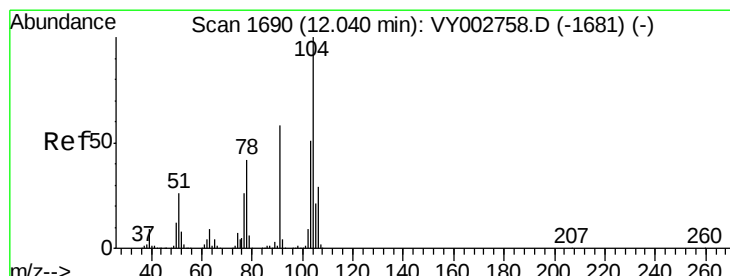
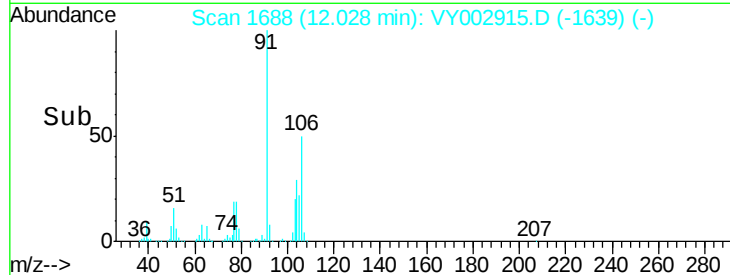
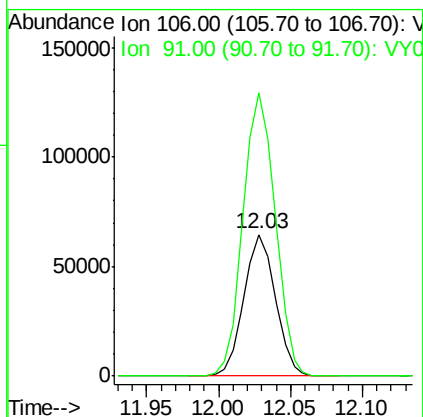
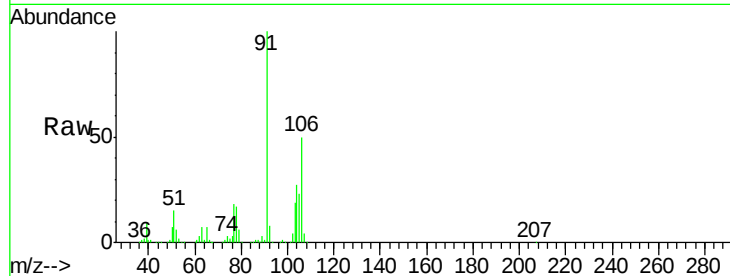




#69
o-Xylene
Concen: 22.088 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY002915.D
Acq: 18 Jun 2020 13:15

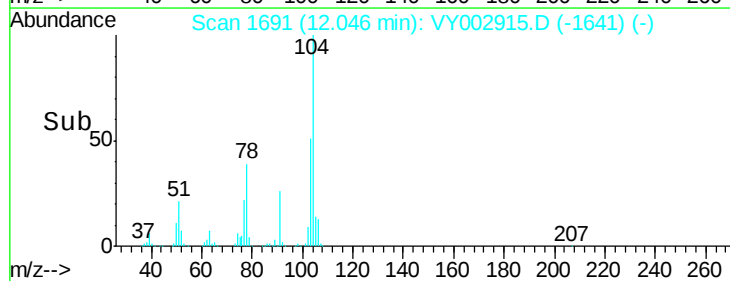
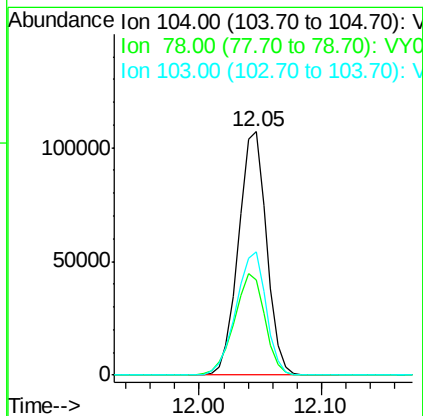
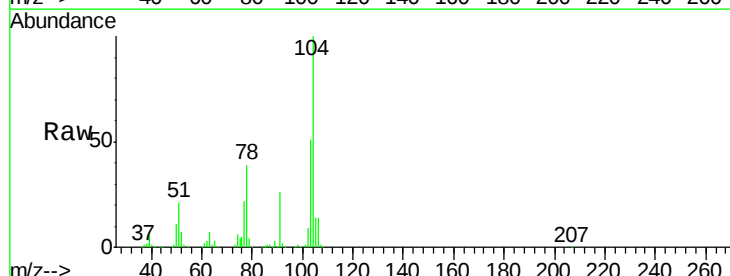
Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

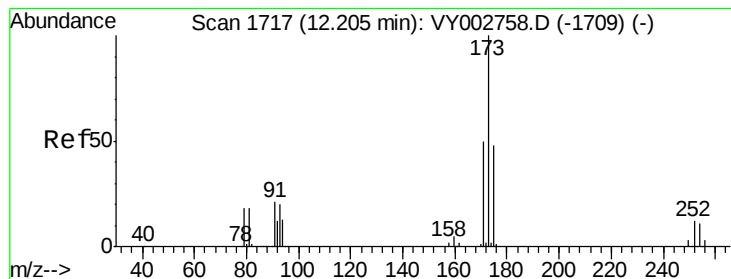
Tot Ion:106 Resp: 98021
Ion Ratio Lower Upper
106 100
91 204.3 102.4 307.1



#70
Styrene
Concen: 22.059 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY002915.D
Acq: 18 Jun 2020 13:15

Tgt Ion:104 Resp: 169702
Ion Ratio Lower Upper
104 100
78 45.3 36.2 54.4
103 54.4 43.6 65.4





#71

Bromoform

Concen: 22.397 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.01 min

Lab File: VY002915.D

Acq: 18 Jun 2020 13:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0618SBS01

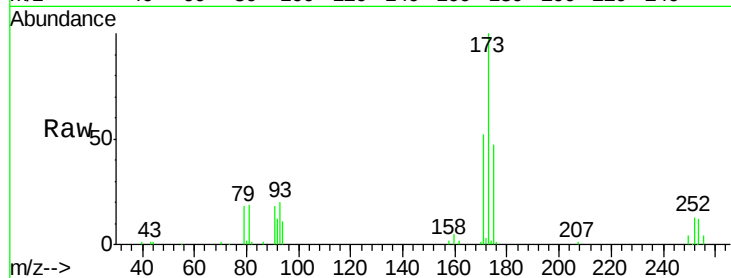
Tot Ion:173 Resp: 39474

Ion Ratio Lower Upper

173 100

175 48.2 24.3 72.8

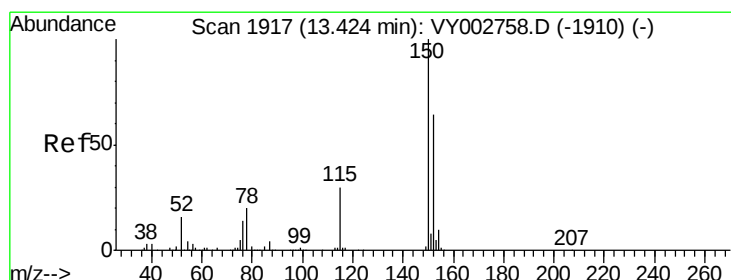
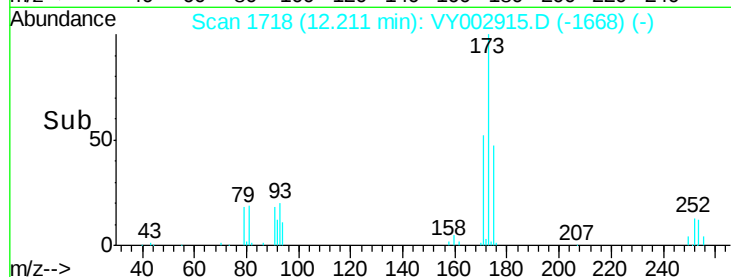
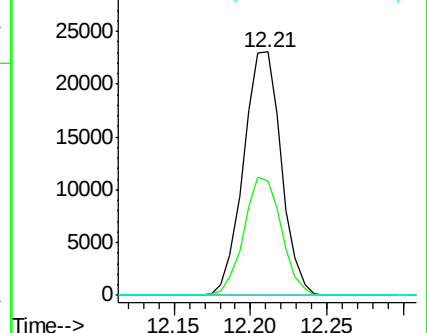
254 0.0 0.1 0.1#



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: VY002915.D

Acq: 18 Jun 2020 13:15

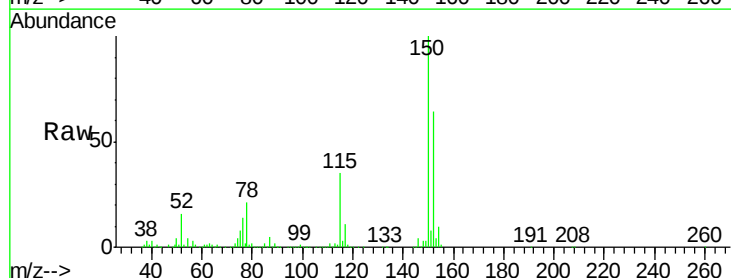
Tgt Ion:152 Resp: 197194

Ion Ratio Lower Upper

152 100

115 54.5 27.0 81.0

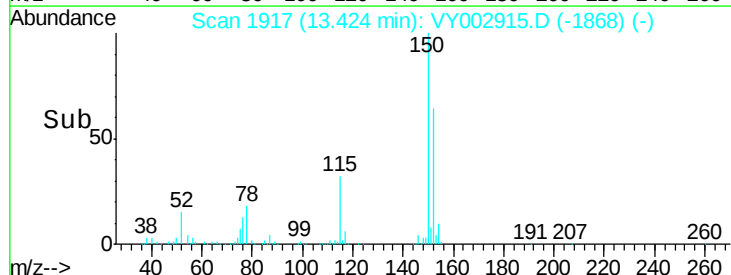
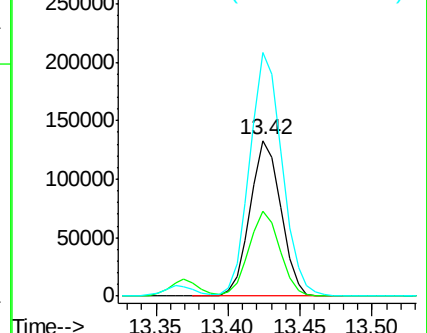
150 164.1 0.0 344.8

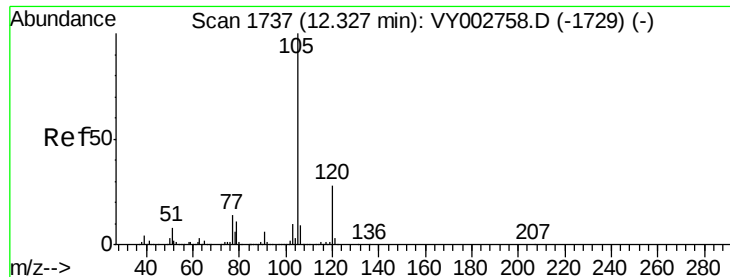


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.289 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. 0.01 min

Lab File: VY002915.D

Acq: 18 Jun 2020 13:15

Instrument :

MSVOA_Y

ClientSampleId :

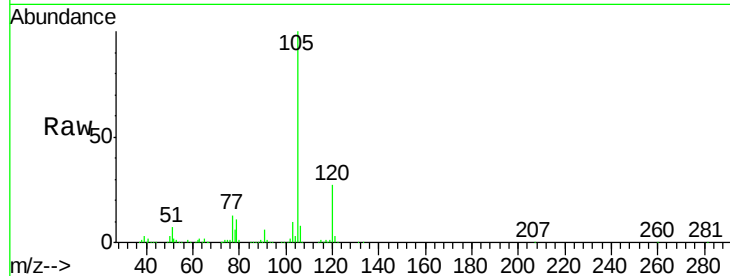
VY0618SBS01

Tot Ion:105 Resp: 269026

Ion Ratio Lower Upper

105 100

120 27.5 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.33

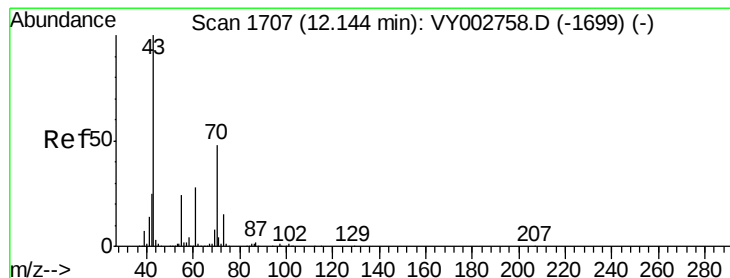
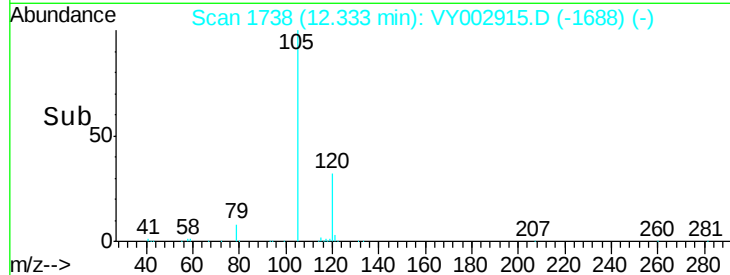
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 20.295 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY002915.D

Acq: 18 Jun 2020 13:15

Tgt Ion: 43 Resp: 65804

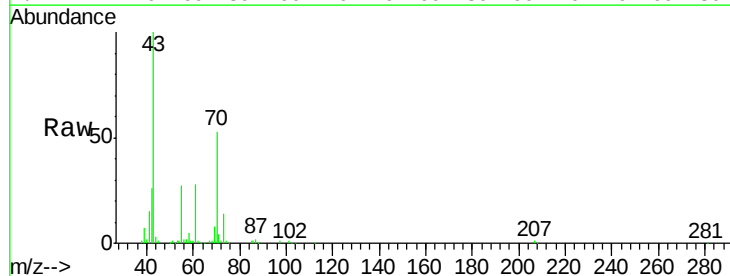
Ion Ratio Lower Upper

43 100

70 50.0 37.7 56.5

55 25.4 19.8 29.6

61 27.5 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

12.14

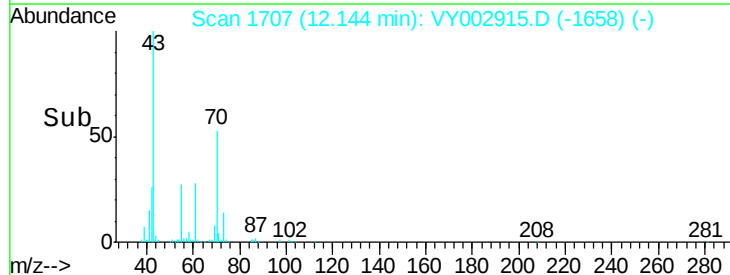
60000

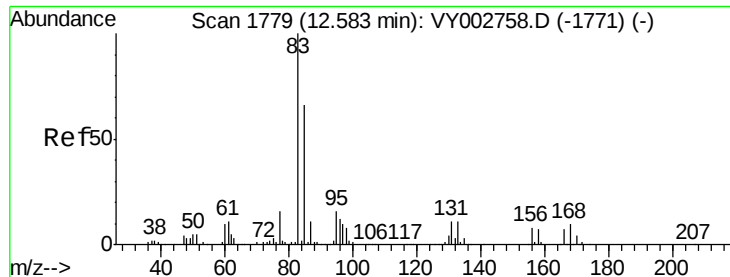
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 22.259 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY002915.D

Acq: 18 Jun 2020 13:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0618SBS01

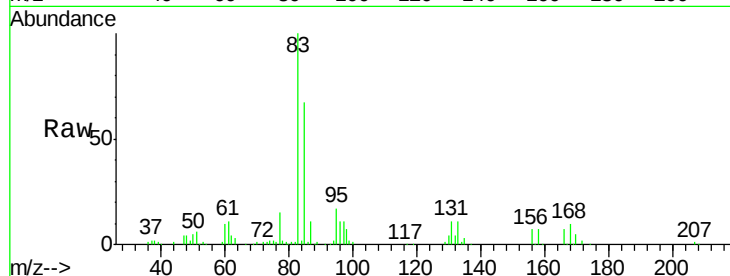
Tot Ion: 83 Resp: 49354

Ion Ratio Lower Upper

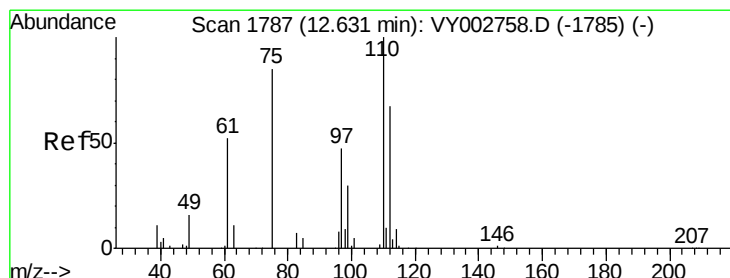
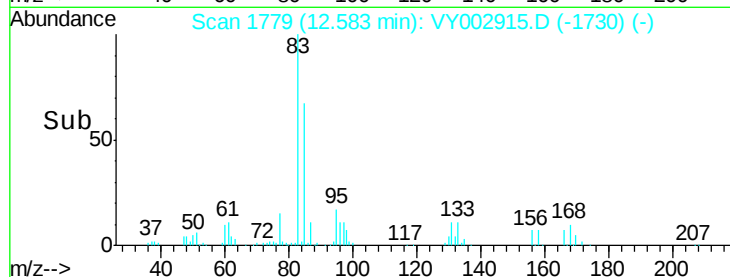
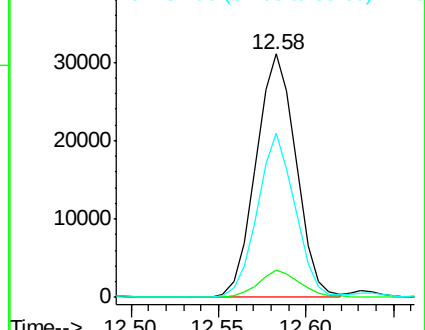
83 100

131 11.4 5.8 17.4

85 63.4 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: 39.554 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY002915.D

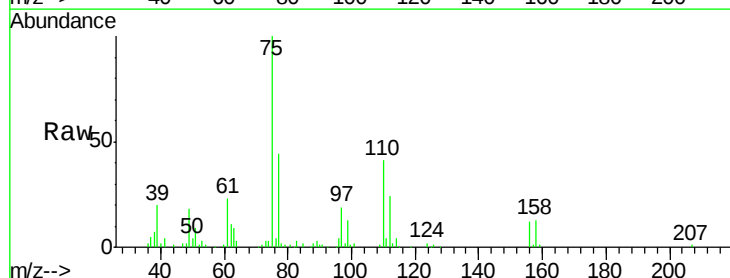
Acq: 18 Jun 2020 13:15

Tgt Ion: 75 Resp: 70281

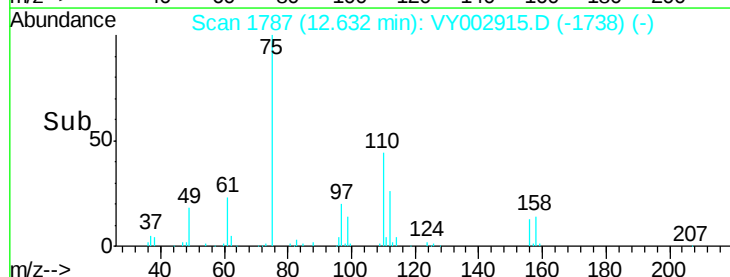
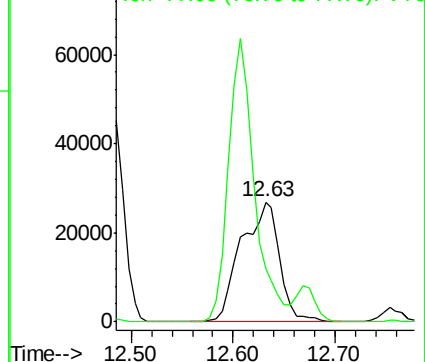
Ion Ratio Lower Upper

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: 21.098 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY002915.D

Acq: 18 Jun 2020 13:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0618SBS01

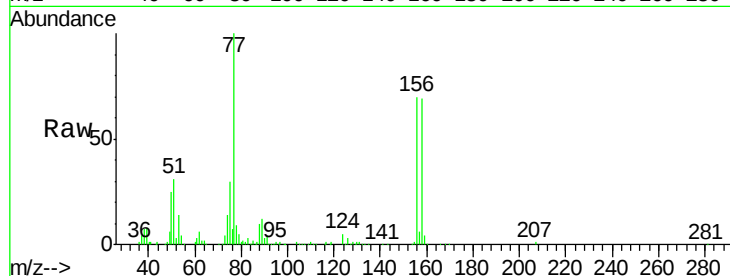
Tot Ion:156 Resp: 69422

Ion Ratio Lower Upper

156 100

77 160.6 81.4 244.2

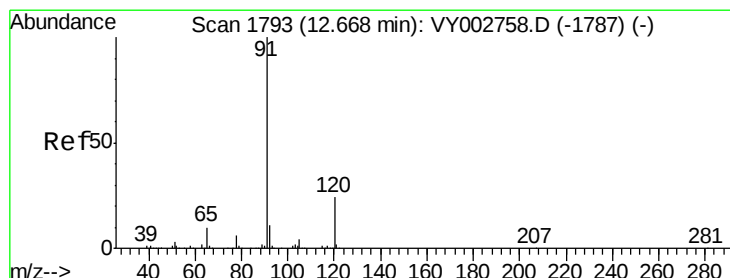
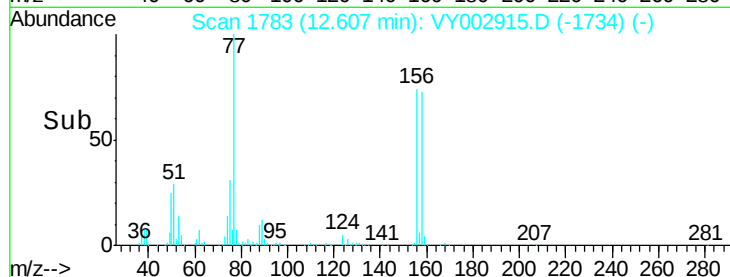
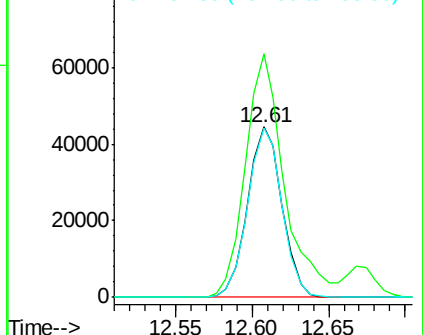
158 98.8 48.5 145.6



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: 21.404 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY002915.D

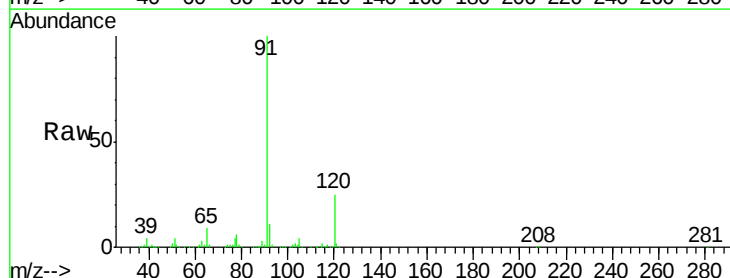
Acq: 18 Jun 2020 13:15

Tgt Ion: 91 Resp: 312441

Ion Ratio Lower Upper

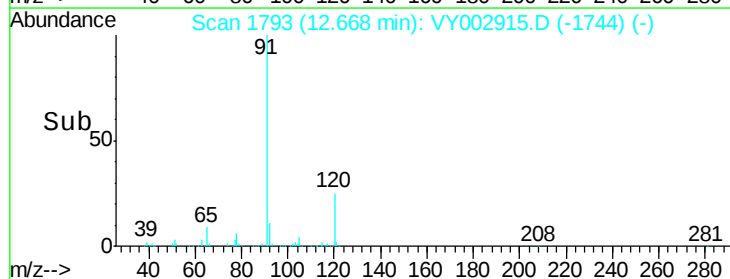
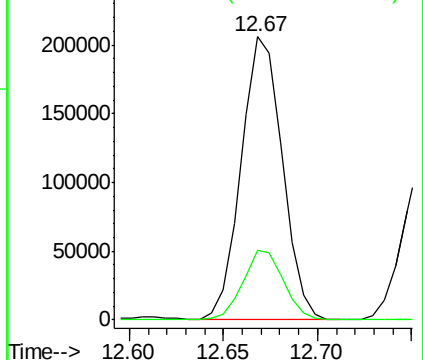
91 100

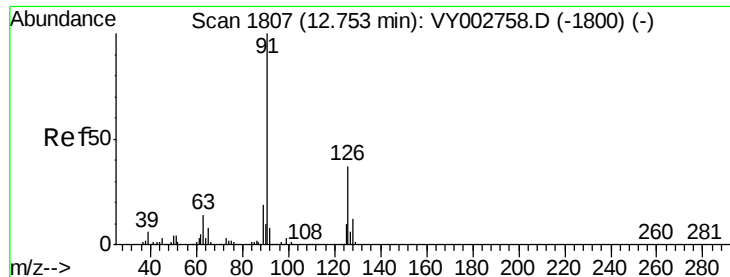
120 24.3 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.373 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY002915.D

Acq: 18 Jun 2020 13:15

Instrument :

MSVOA_Y

ClientSampleId :

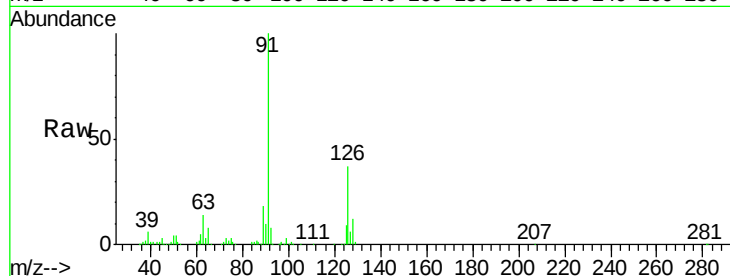
VY0618SBS01

Tot Ion: 91 Resp: 175011

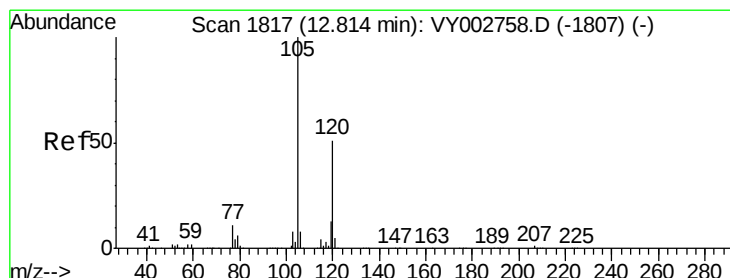
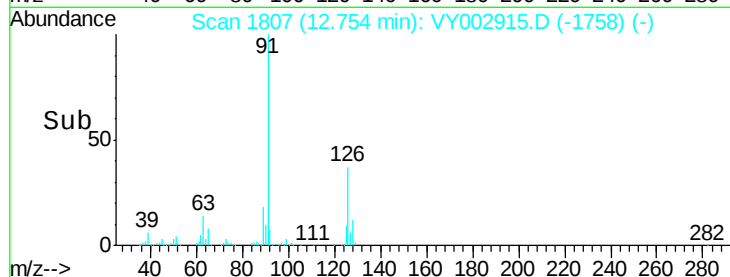
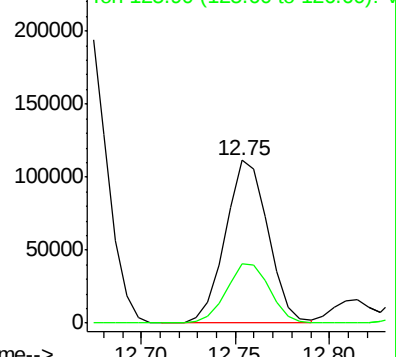
Ion Ratio Lower Upper

91 100

126 37.3 18.4 55.4



Abundance Ion 91.00 (90.70 to 91.70): VY002915.D (-1758) (-)



#80

1,3,5-Trimethylbenzene

Concen: 21.634 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.01 min

Lab File: VY002915.D

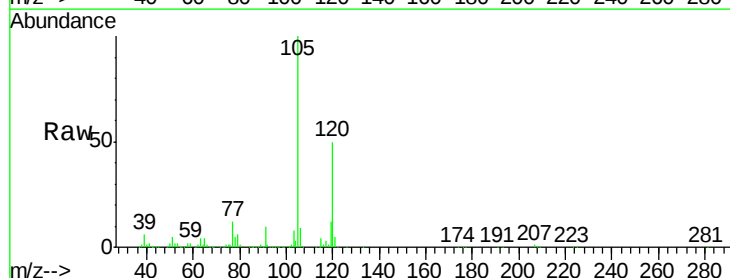
Acq: 18 Jun 2020 13:15

Tgt Ion: 105 Resp: 228264

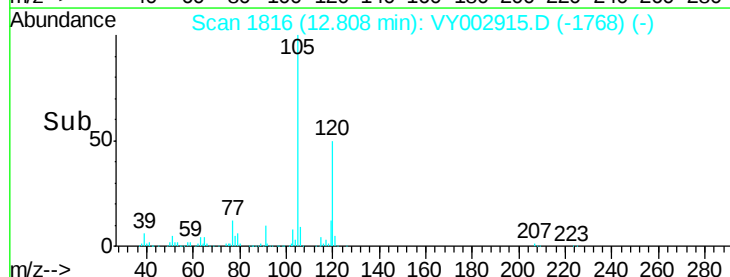
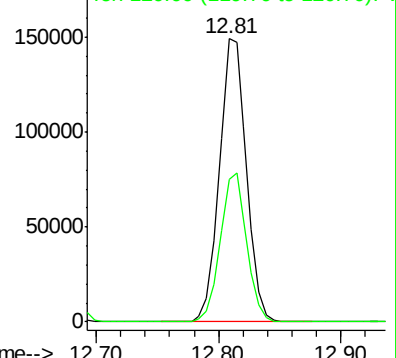
Ion Ratio Lower Upper

105 100

120 51.4 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): VY002915.D (-1768) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 20.584 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VY002915.D

Acq: 18 Jun 2020 13:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0618SBS01

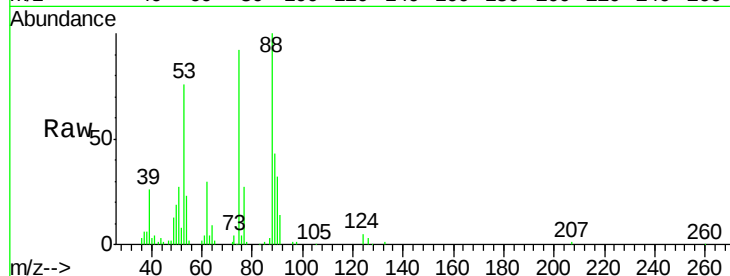
Tot Ion: 75 Resp: 19413

Ion Ratio Lower Upper

75 100

53 81.0 64.0 96.0

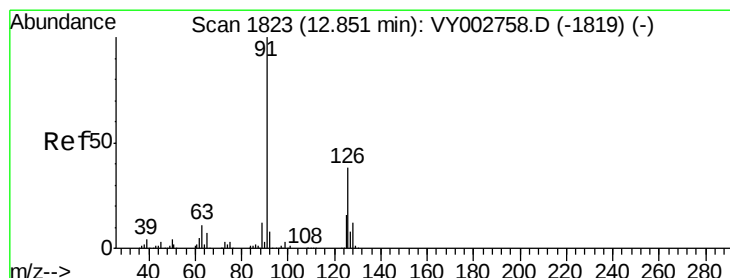
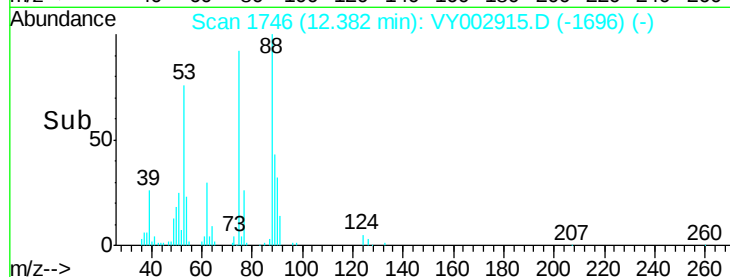
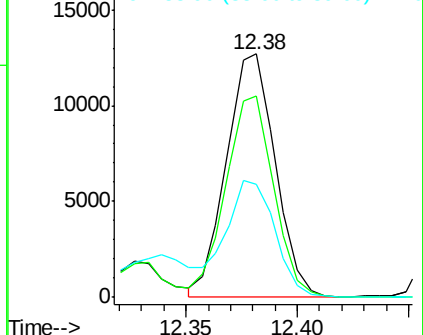
89 47.8 37.4 56.2



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: 21.373 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. 0.01 min

Lab File: VY002915.D

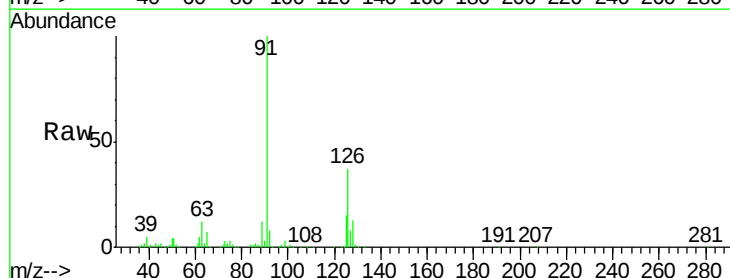
Acq: 18 Jun 2020 13:15

Tgt Ion: 91 Resp: 183357

Ion Ratio Lower Upper

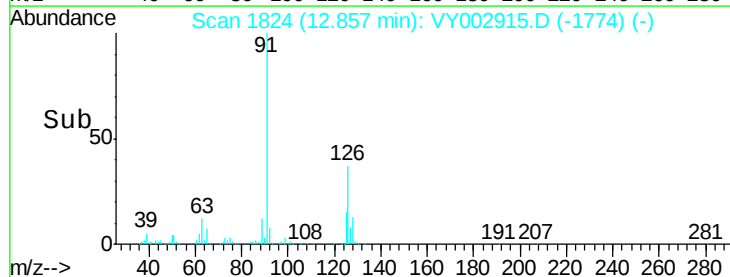
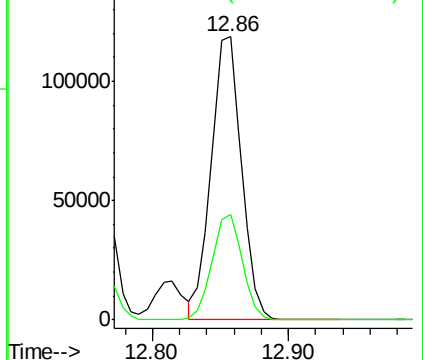
91 100

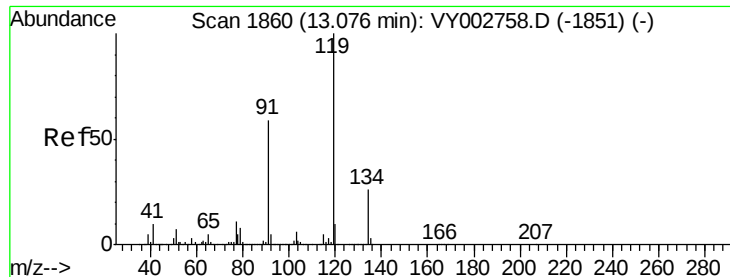
126 37.3 18.5 55.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 21.592 ug/l

RT: 13.08 min Scan# 1860

Delta R.T. 0.00 min

Lab File: VY002915.D

Acq: 18 Jun 2020 13:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0618SBS01

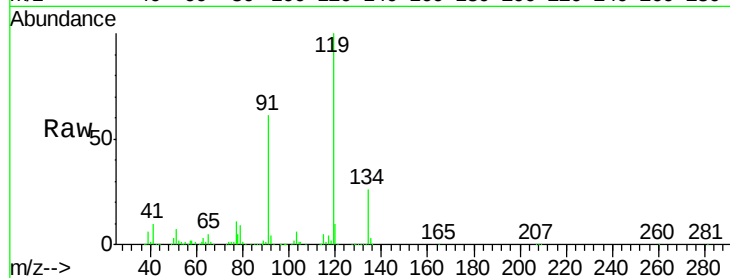
Tot Ion:119 Resp: 203222

Ion Ratio Lower Upper

119 100

91 60.0 29.8 89.4

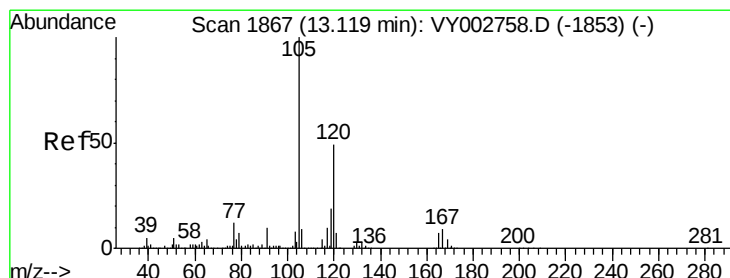
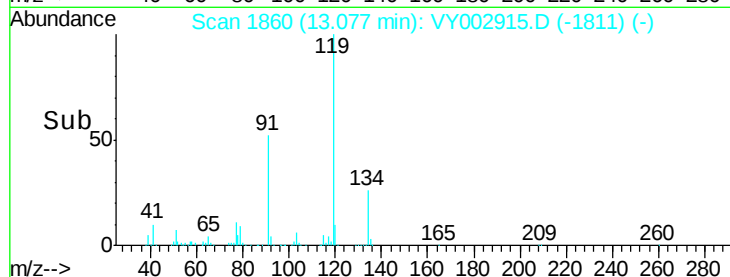
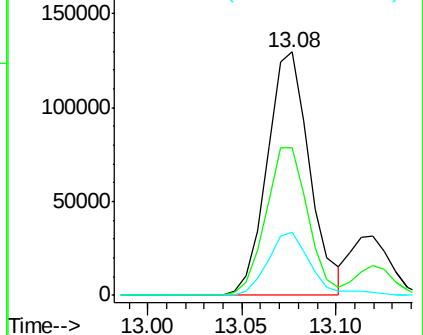
134 26.6 13.3 39.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 21.663 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VY002915.D

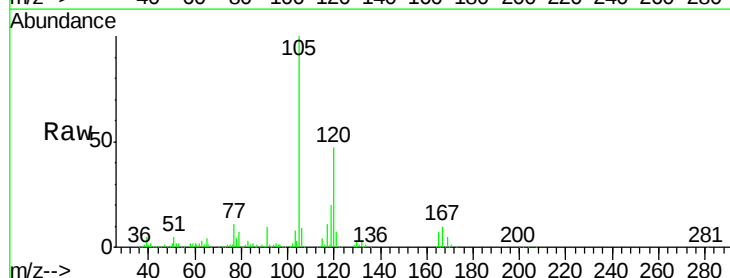
Acq: 18 Jun 2020 13:15

Tgt Ion:105 Resp: 229836

Ion Ratio Lower Upper

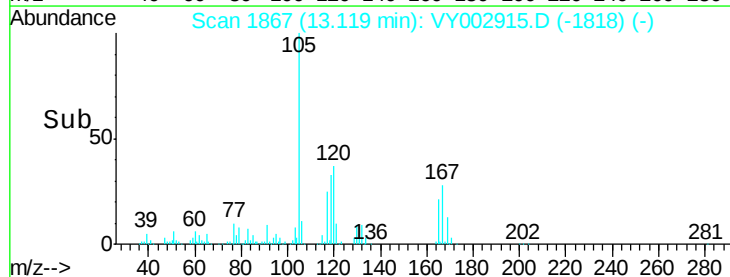
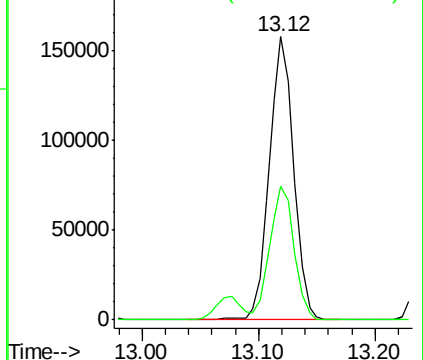
105 100

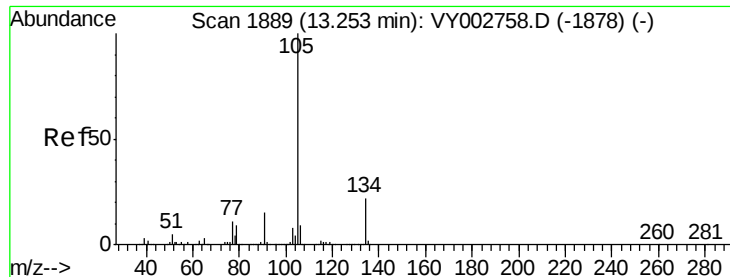
120 47.0 23.6 70.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 21.714 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY002915.D

Acq: 18 Jun 2020 13:15

Instrument :

MSVOA_Y

ClientSampleId :

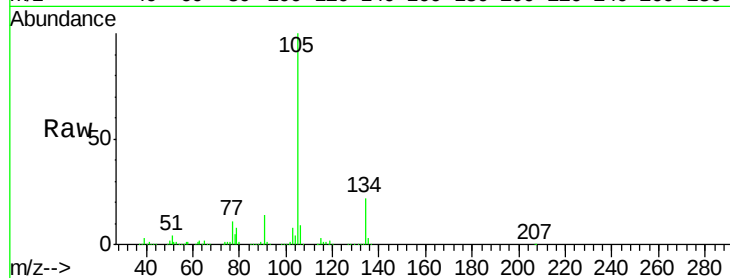
VY0618SBS01

Tot Ion:105 Resp: 279435

Ion Ratio Lower Upper

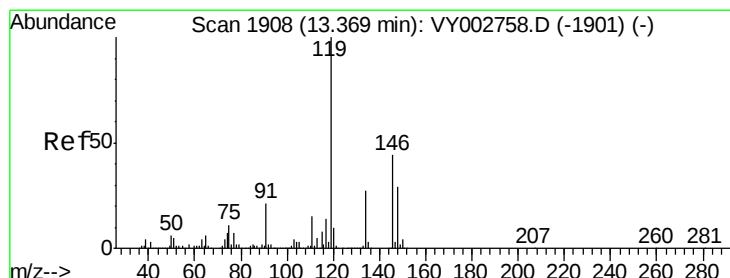
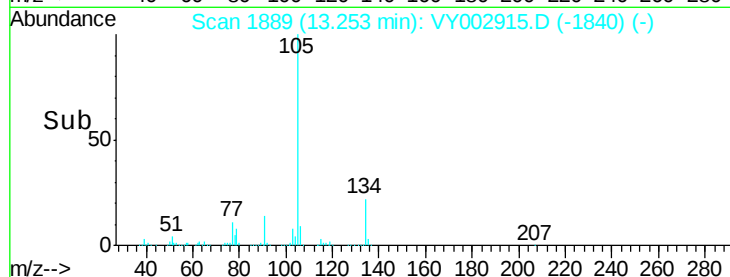
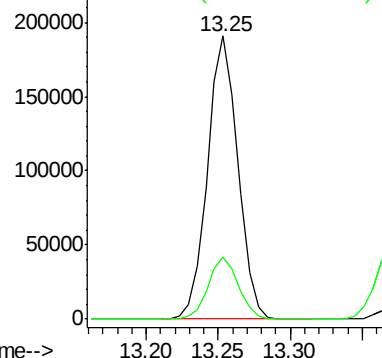
105 100

134 21.7 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.727 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY002915.D

Acq: 18 Jun 2020 13:15

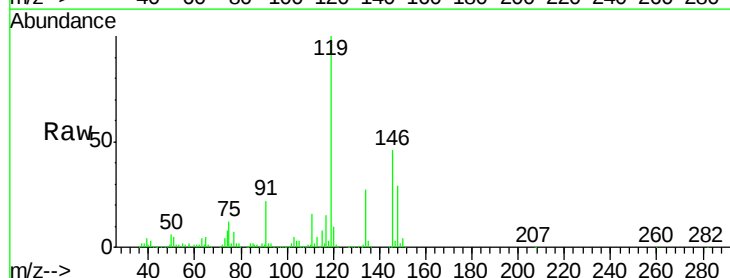
Tgt Ion:119 Resp: 260167

Ion Ratio Lower Upper

119 100

134 27.8 13.7 41.0

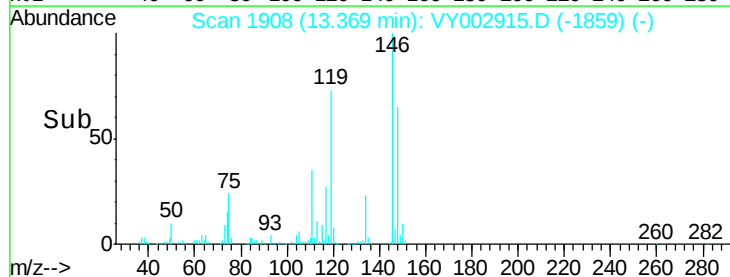
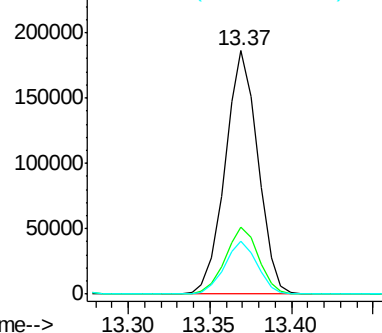
91 21.7 10.8 32.4

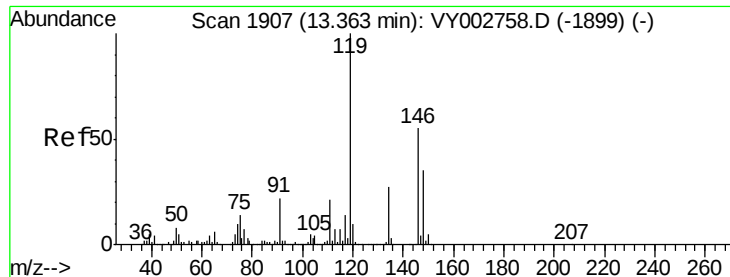


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

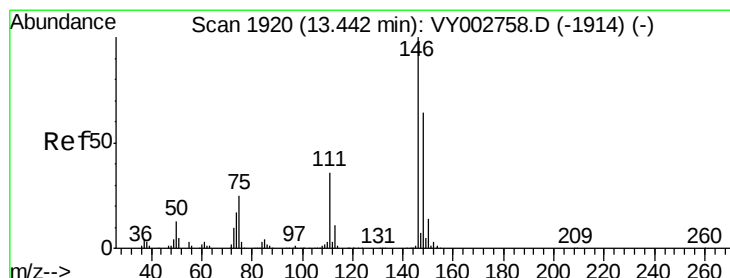
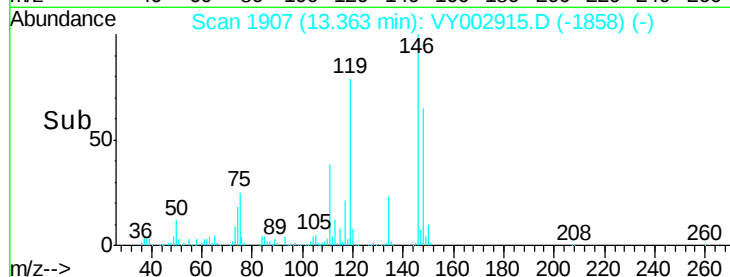
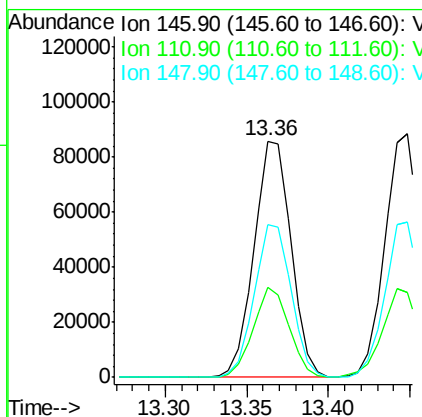
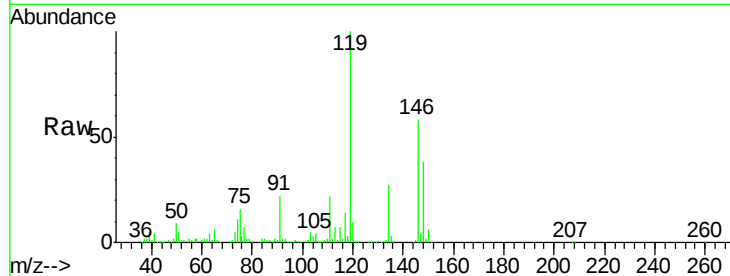




#87
 1,3-Dichlorobenzene
 Concen: 21.769 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY002915.D
 Acq: 18 Jun 2020 13:15

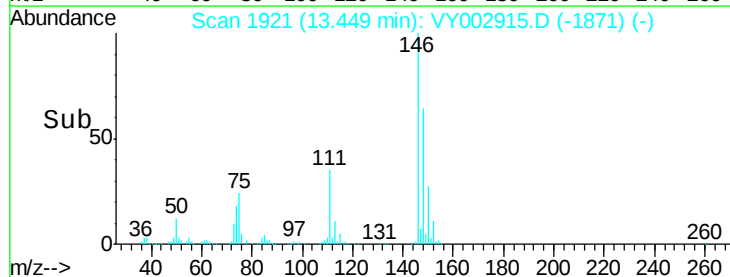
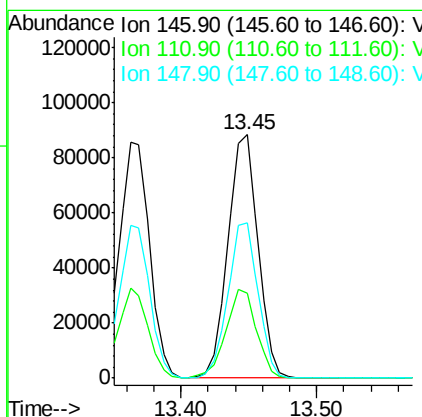
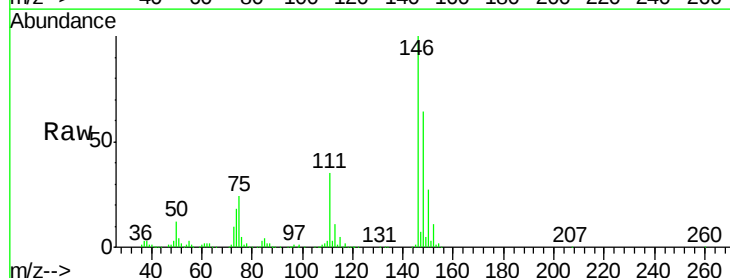
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0618SBS01

Tot Ion:146 Resp: 135685
 Ion Ratio Lower Upper
 146 100
 111 36.9 18.4 55.0
 148 64.6 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 21.761 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. 0.01 min
 Lab File: VY002915.D
 Acq: 18 Jun 2020 13:15

Tgt Ion:146 Resp: 135682
 Ion Ratio Lower Upper
 146 100
 111 37.1 18.1 54.3
 148 64.1 32.1 96.3





#89

n-Butylbenzene

Concen: 21.596 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. 0.01 min

Lab File: VY002915.D

Acq: 18 Jun 2020 13:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0618SBS01

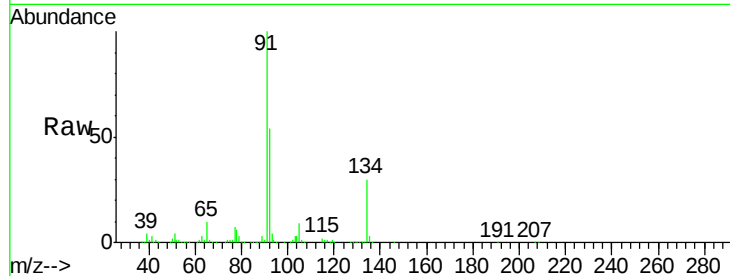
Tot Ion: 91 Resp: 234786

Ion Ratio Lower Upper

91 100

92 54.1 27.1 81.2

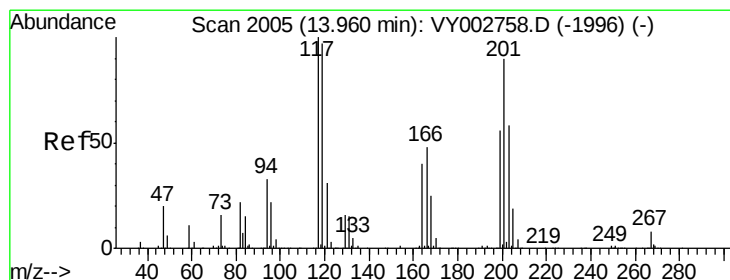
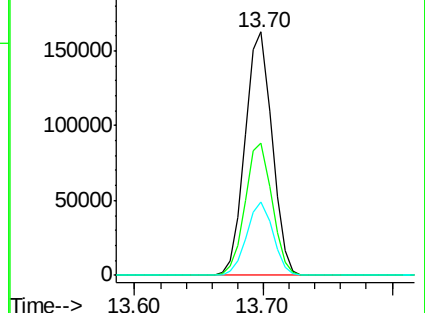
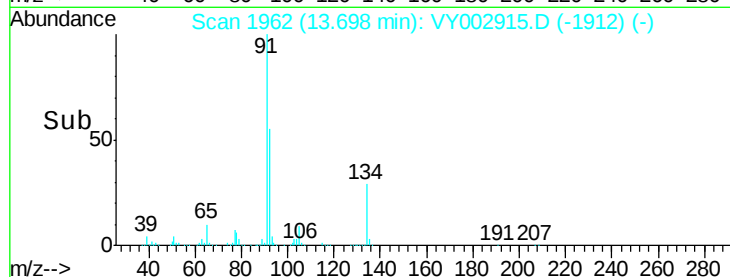
134 29.3 14.3 42.9



Abundance Ion 91.00 (90.70 to 91.70): VY002915.D (-1912) (-)

Ion 92.00 (91.70 to 92.70): VY002915.D (-1912) (-)

Ion 134.00 (133.70 to 134.70): VY002915.D (-1912) (-)



#90

Hexachloroethane

Concen: 21.875 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. 0.00 min

Lab File: VY002915.D

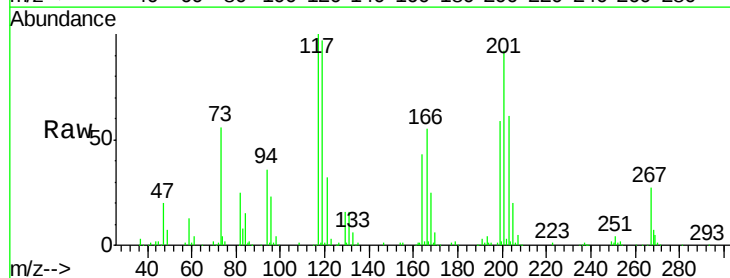
Acq: 18 Jun 2020 13:15

Tgt Ion: 117 Resp: 49038

Ion Ratio Lower Upper

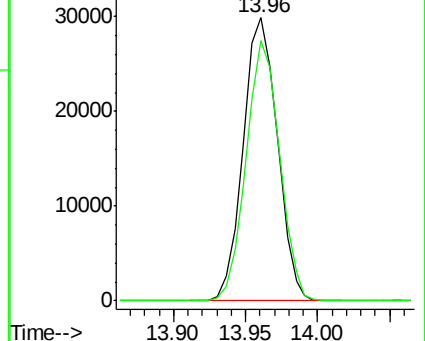
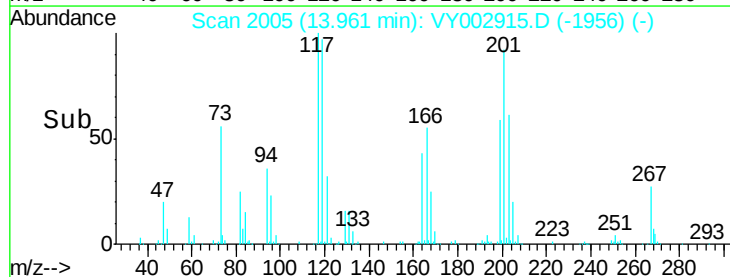
117 100

201 90.0 43.9 131.6



Abundance Ion 116.80 (116.50 to 117.50): VY002915.D (-1956) (-)

Ion 200.70 (200.40 to 201.40): VY002915.D (-1956) (-)

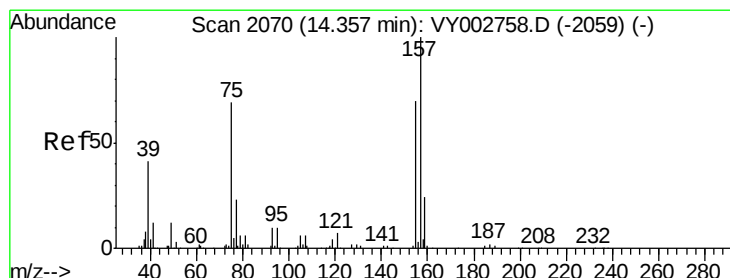
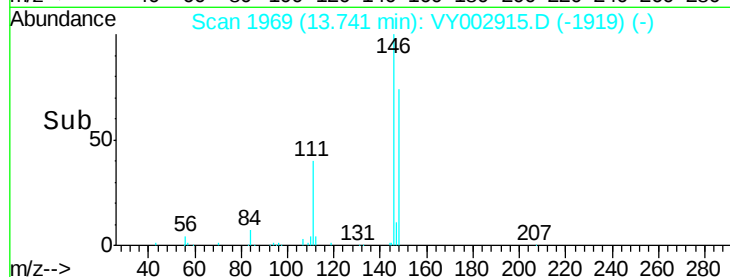
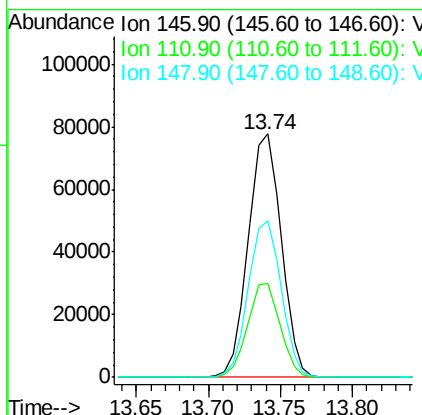
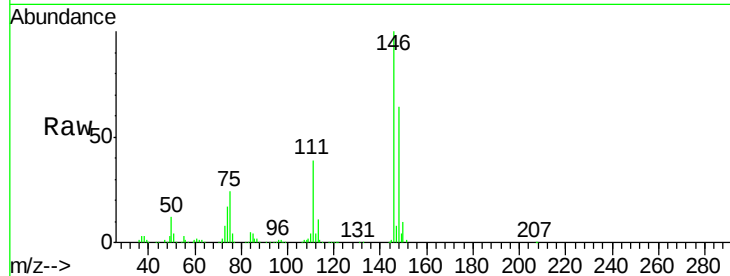




#91
 1,2-Dichlorobenzene
 Concen: 21.852 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.01 min
 Lab File: VY002915.D
 Acq: 18 Jun 2020 13:15

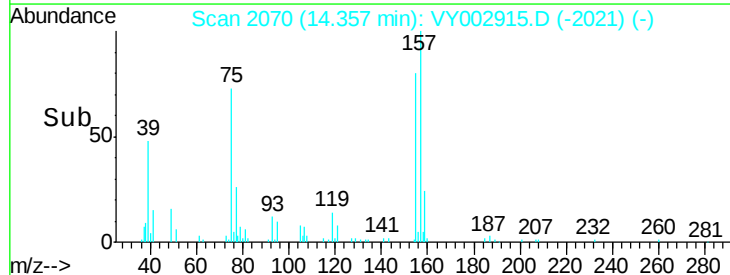
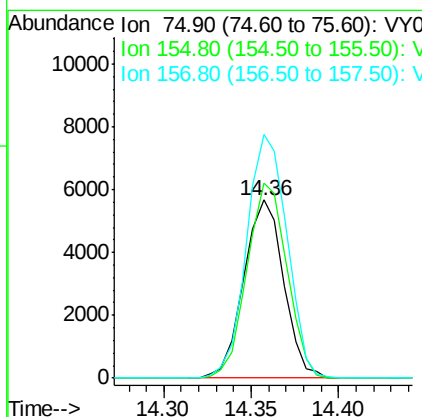
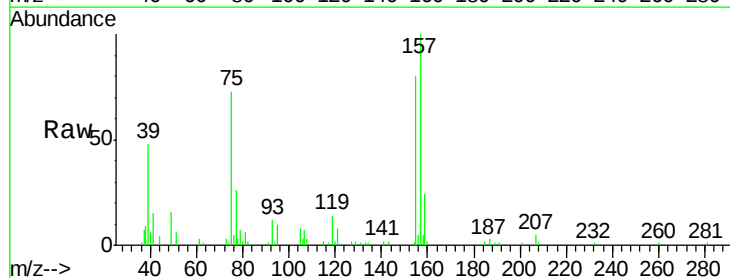
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0618SBS01

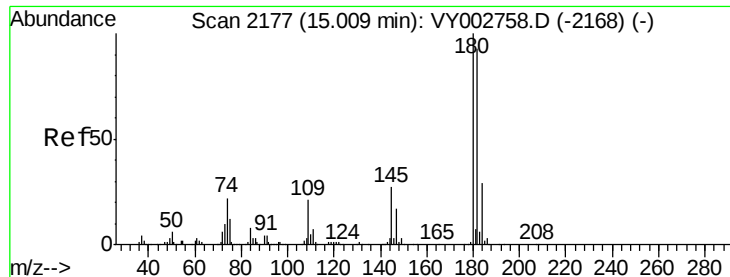
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.9	56.9
148	64.1	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.065 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY002915.D
 Acq: 18 Jun 2020 13:15

Tgt Ion	Ratio	Lower	Upper
75	100		
155	109.6	53.5	160.5
157	138.8	69.9	209.7

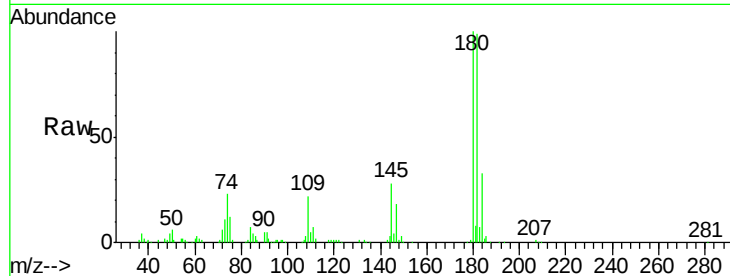




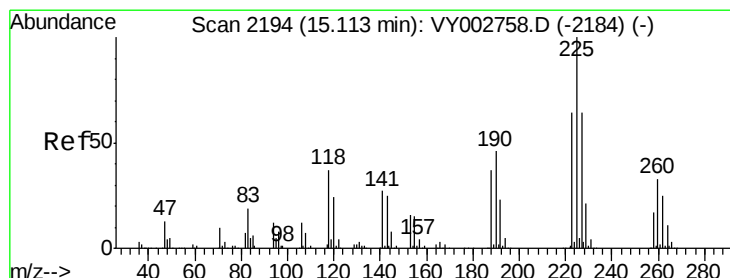
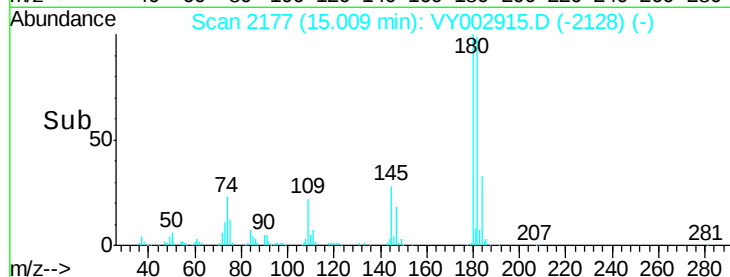
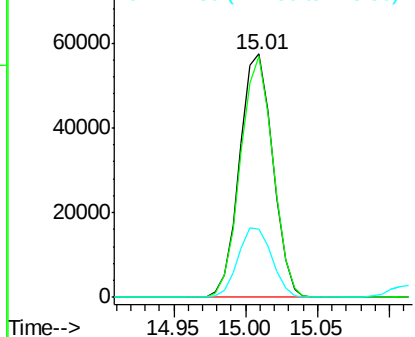
#93
 1,2,4-Trichlorobenzene
 Concen: 21.584 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VY002915.D
 Acq: 18 Jun 2020 13:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0618SBS01

Tot Ion:180 Resp: 91963
 Ion Ratio Lower Upper
 180 100
 182 96.8 47.3 141.9
 145 29.2 14.1 42.3

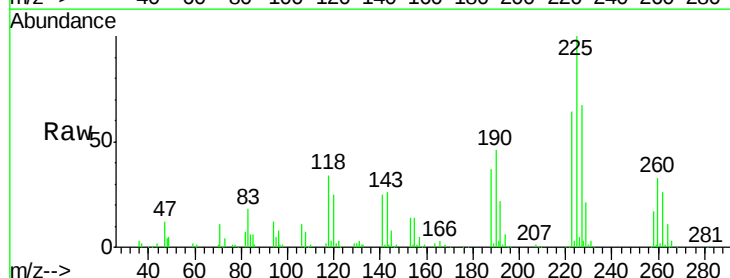


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

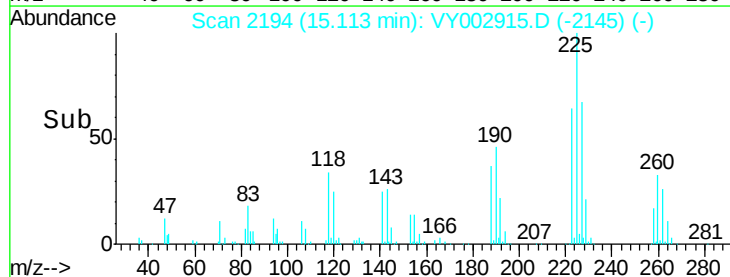
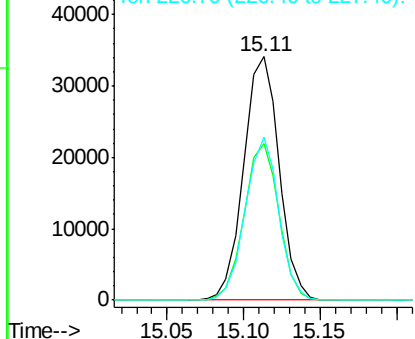


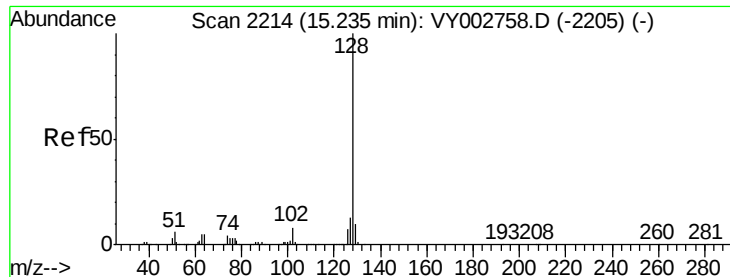
#94
 Hexachlorobutadiene
 Concen: 22.730 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY002915.D
 Acq: 18 Jun 2020 13:15

Tgt Ion:225 Resp: 54928
 Ion Ratio Lower Upper
 225 100
 223 63.0 31.6 95.0
 227 63.1 32.3 96.9



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

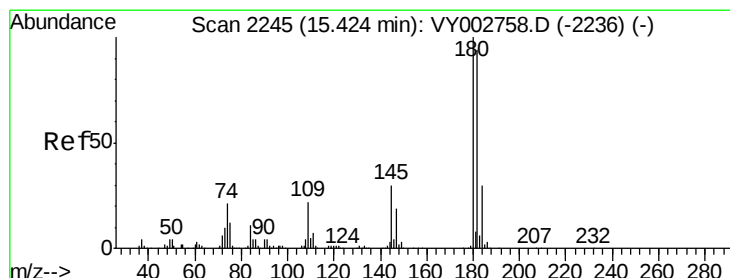
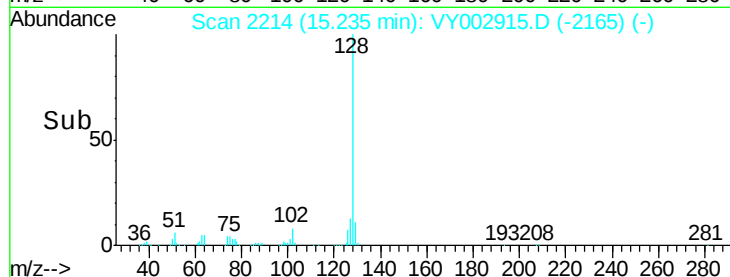
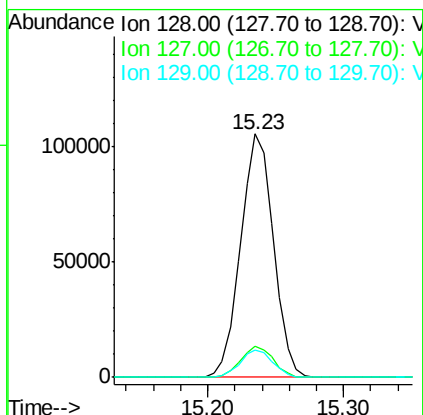
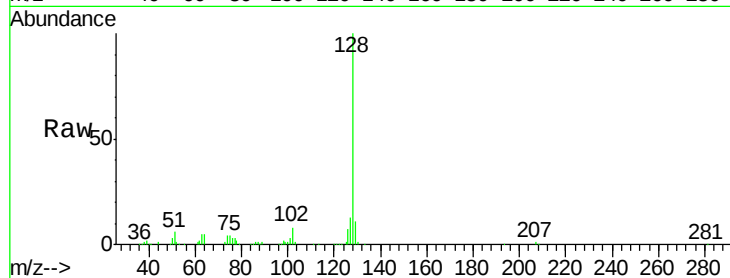




#95
Naphthalene
Concen: 20.843 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY002915.D
Acq: 18 Jun 2020 13:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

Tot Ion:128 Resp: 178056
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 21.970 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY002915.D
Acq: 18 Jun 2020 13:15

Tgt Ion:180 Resp: 83588
Ion Ratio Lower Upper
180 100
182 94.0 48.1 144.4
145 30.0 15.1 45.3

