

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY060520\
 Data File : VY002845.D
 Acq On : 05 Jun 2020 13:52
 Operator : SY/MD
 Sample : VY0605SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0605SBS01

Quant Time: Jun 06 07:56:12 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	310819	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	459206	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	422184	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	231675	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	134180	49.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.44%	
35) Dibromofluoromethane	7.72	113	140045	52.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.08%	
50) Toluene-d8	10.18	98	546498	50.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.44%	
62) 4-Bromofluorobenzene	12.48	95	189436	50.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	45387	21.222	ug/l	99
3) Chloromethane	2.12	50	52153	22.046	ug/l	96
4) Vinyl Chloride	2.26	62	57766	23.103	ug/l	99
5) Bromomethane	2.65	94	40917	21.837	ug/l	99
6) Chloroethane	2.80	64	36018	22.221	ug/l	99
7) Trichlorofluoromethane	3.13	101	96224	21.729	ug/l	97
8) Diethyl Ether	3.54	74	35187	20.349	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.91	101	60513	23.015	ug/l	98
10) Methyl Iodide	4.10	142	75473	20.514	ug/l	100
11) Tert butyl alcohol	4.97	59	31261	100.117	ug/l	99
12) 1,1-Dichloroethene	3.88	96	58408	22.089	ug/l	90
13) Acrolein	3.74	56	26833	84.843	ug/l	100
14) Allyl chloride	4.49	41	85941	22.662	ug/l	100
15) Acrylonitrile	5.18	53	85436	109.522	ug/l	99
16) Acetone	3.96	43	68212	107.789	ug/l	99
17) Carbon Disulfide	4.20	76	168877	21.135	ug/l	97
18) Methyl Acetate	4.49	43	39735	24.530	ug/l	97
19) Methyl tert-butyl Ether	5.23	73	159075	21.792	ug/l	100
20) Methylene Chloride	4.72	84	71756	23.203	ug/l	97
21) trans-1,2-Dichloroethene	5.23	96	65183	21.920	ug/l	98
22) Diisopropyl ether	6.13	45	178313	22.626	ug/l	97
23) Vinyl Acetate	6.07	43	575820	110.669	ug/l	98
24) 1,1-Dichloroethane	6.02	63	102822	22.304	ug/l	99
25) 2-Butanone	7.00	43	104178	105.663	ug/l	99
26) 2,2-Dichloropropane	6.99	77	95668	21.638	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	72740	21.851	ug/l	99
28) Bromochloromethane	7.34	49	43372	22.918	ug/l	98
29) Tetrahydrofuran	7.36	42	68776	107.241	ug/l	100
30) Chloroform	7.52	83	107857	22.048	ug/l	96
31) Cyclohexane	7.79	56	99937	21.834	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	98978	21.713	ug/l	99
36) 1,1-Dichloropropene	7.93	75	84175	21.761	ug/l	100
37) Ethyl Acetate	7.08	43	46987	22.326	ug/l	99
38) Carbon Tetrachloride	7.90	117	92963	21.633	ug/l	99

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 Acq On : 05 Jun 2020 13:52
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 Sample : VY0605SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0605SBS01

Quant Time: Jun 06 07:56:12 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)
39) Methylcyclohexane	9.19	83	110148	21.603	ug/l	98
40) Benzene	8.17	78	249737	21.850	ug/l	99
41) Methacrylonitrile	7.35	41	63059	55.772	ug/l #	1
42) 1,2-Dichloroethane	8.24	62	69476	21.689	ug/l	100
43) Isopropyl Acetate	8.28	43	85242	21.373	ug/l	99
44) Trichloroethene	8.94	130	77619	21.499	ug/l	98
45) 1,2-Dichloropropane	9.22	63	60953	22.237	ug/l	100
46) Dibromomethane	9.31	93	34999	21.500	ug/l	99
47) Bromodichloromethane	9.50	83	84256	21.955	ug/l	97
48) Methyl methacrylate	9.30	41	38783	21.541	ug/l	98
49) 1,4-Dioxane	9.30	88	10630	425.284	ug/l	99
51) 4-Methyl-2-Pentanone	10.07	43	228646	108.266	ug/l	99
52) Toluene	10.24	92	162997	21.799	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	91185	21.754	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	103546	21.801	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	54518	21.876	ug/l	97
56) Ethyl methacrylate	10.51	69	72594	21.747	ug/l	100
57) 1,3-Dichloropropane	10.79	76	88875	21.682	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	177252	108.673	ug/l	99
59) 2-Hexanone	10.83	43	163099	108.846	ug/l	99
60) Dibromochloromethane	10.99	129	68208	21.587	ug/l	99
61) 1,2-Dibromoethane	11.09	107	52737	21.452	ug/l	99
64) Tetrachloroethene	10.72	164	80501	20.980	ug/l	97
65) Chlorobenzene	11.52	112	182853	21.913	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	69737	22.190	ug/l	98
67) Ethyl Benzene	11.60	91	318601	22.024	ug/l	99
68) m/p-Xylenes	11.70	106	246262	43.906	ug/l	100
69) o-Xylene	12.03	106	115933	21.895	ug/l	99
70) Styrene	12.05	104	199241	21.706	ug/l	99
71) Bromoform	12.21	173	45506	21.640	ug/l #	99
73) Isopropylbenzene	12.33	105	320482	21.586	ug/l	99
74) N-amyl acetate	12.14	43	81551	21.408	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	58735	22.548	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	83802	40.144	ug/l #	100
77) Bromobenzene	12.61	156	81764	21.150	ug/l	99
78) n-propylbenzene	12.67	91	372796	21.738	ug/l	100
79) 2-Chlorotoluene	12.75	91	205271	21.338	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	266931	21.533	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	23079	20.829	ug/l	98
82) 4-Chlorotoluene	12.85	91	217479	21.577	ug/l	99
83) tert-Butylbenzene	13.08	119	238781	21.594	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	267685	21.476	ug/l	100
85) sec-Butylbenzene	13.25	105	327422	21.656	ug/l	100
86) p-Isopropyltoluene	13.37	119	305286	21.700	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	156652	21.393	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	157718	21.531	ug/l	99
89) n-Butylbenzene	13.70	91	278865	21.833	ug/l	100
90) Hexachloroethane	13.96	117	57122	21.689	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	142475	21.454	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	10390	20.731	ug/l	98

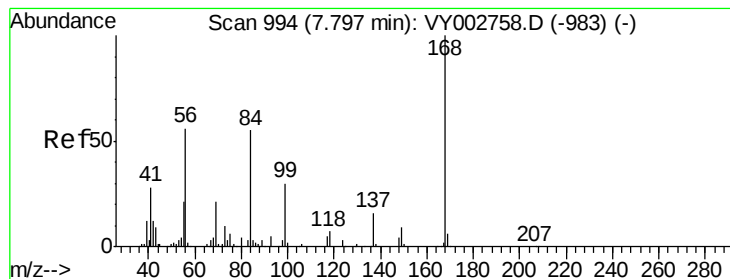
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY060520\
Data File : VY002845.D
Acq On : 05 Jun 2020 13:52
Operator : SY/MD
Sample : VY0605SBS01
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Instrument :
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Quant Time: Jun 06 07:56:12 2020
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Quant Title : SW846 8260
QLast Update : Wed May 27 13:13:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	109893	21.954	ug/l	100
94) Hexachlorobutadiene	15.11	225	63141	22.240	ug/l	98
95) Naphthalene	15.23	128	212086	21.132	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	96538	21.597	ug/l	99

(#) = 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: VY002845.D

Acq: 05 Jun 2020 13:52

Instrument :

MSVOA_Y

ClientSampleId :

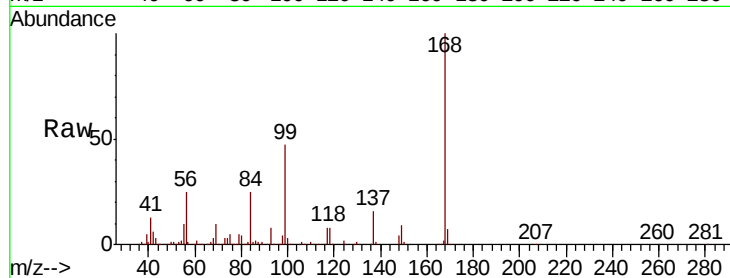
VY0605SBS01

Tot Ion:168 Resp: 310819

Ion Ratio Lower Upper

168 100

99 47.4 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

150000

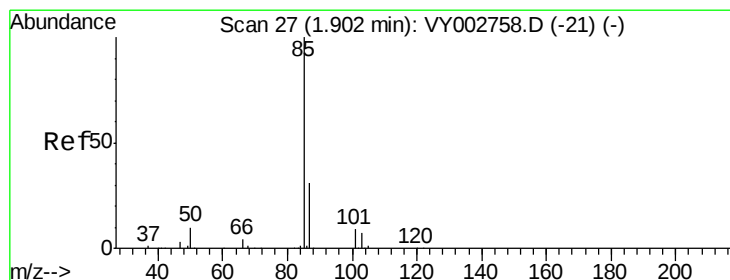
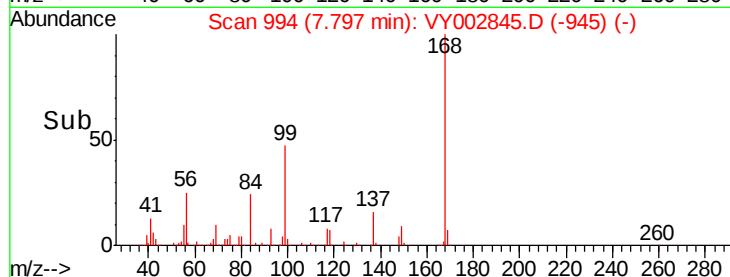
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 21.222 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY002845.D

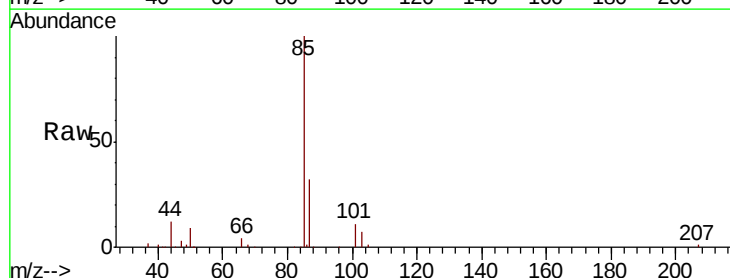
Acq: 05 Jun 2020 13:52

Tgt Ion: 85 Resp: 45387

Ion Ratio Lower Upper

85 100

87 31.7 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

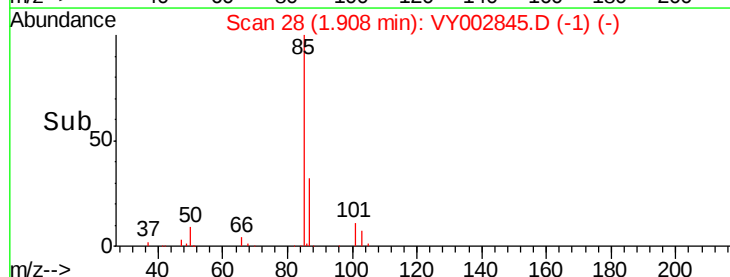
20000

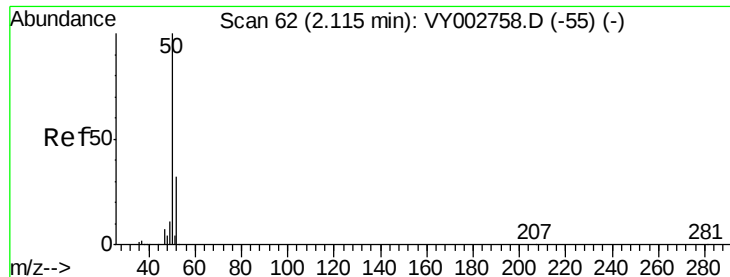
10000

0

1.85 1.90 1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 22.046 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY002845.D

Acq: 05 Jun 2020 13:52

Instrument :

MSVOA_Y

ClientSampleId :

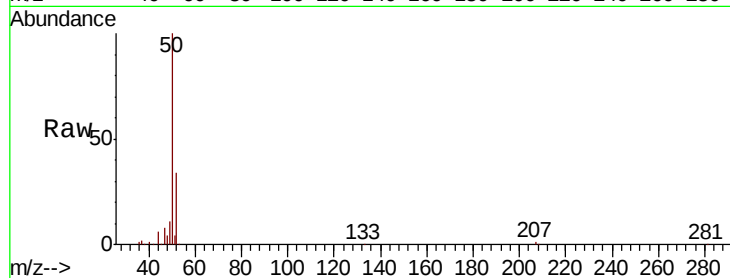
VY0605SBS01

Tot Ion: 50 Resp: 52153

Ion Ratio Lower Upper

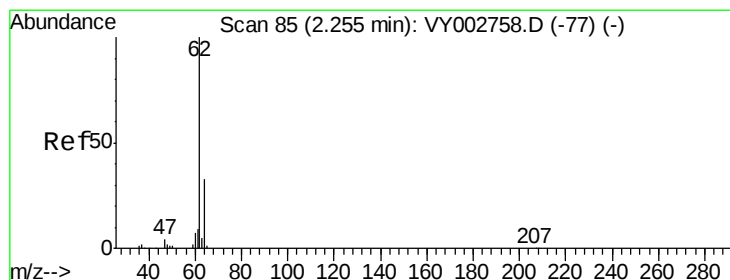
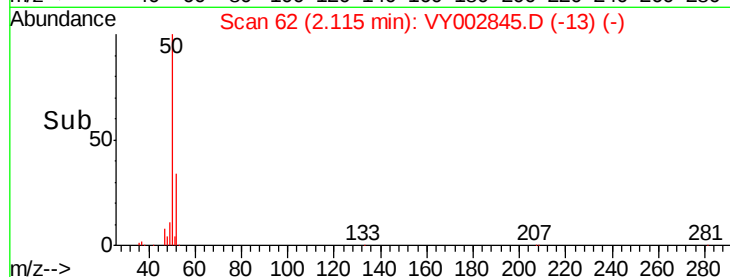
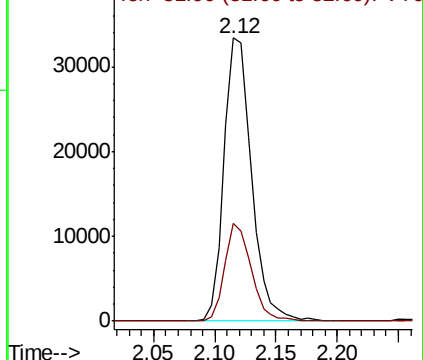
50 100

52 34.3 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 23.103 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.00 min

Lab File: VY002845.D

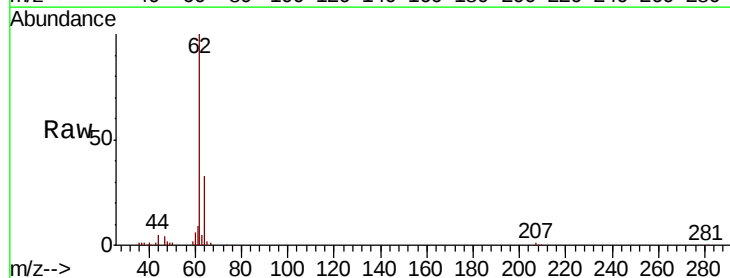
Acq: 05 Jun 2020 13:52

Tgt Ion: 62 Resp: 57766

Ion Ratio Lower Upper

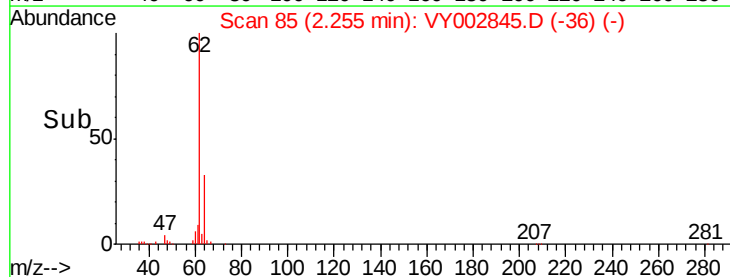
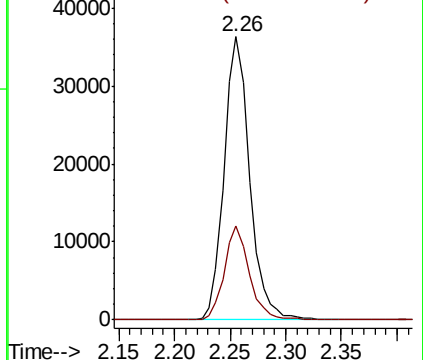
62 100

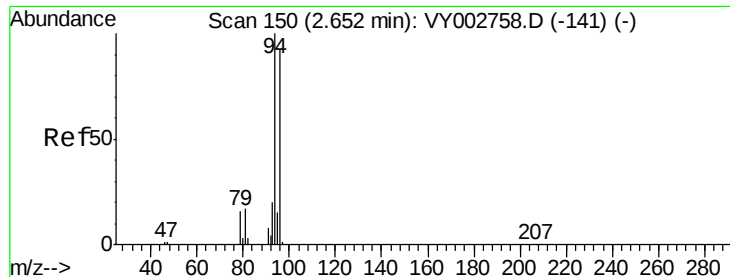
64 33.0 26.1 39.1



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 21.837 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY002845.D

Acq: 05 Jun 2020 13:52

Instrument :

MSVOA_Y

ClientSampleId :

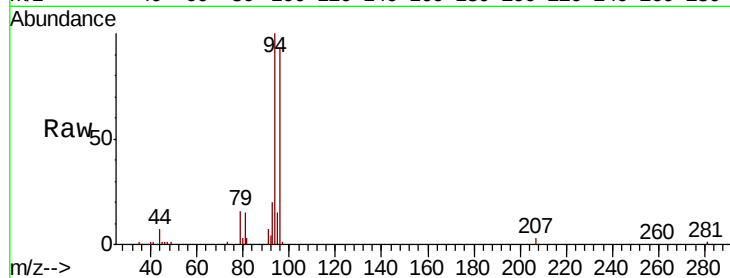
VY0605SBS01

Tot Ion: 94 Resp: 40917

Ion Ratio Lower Upper

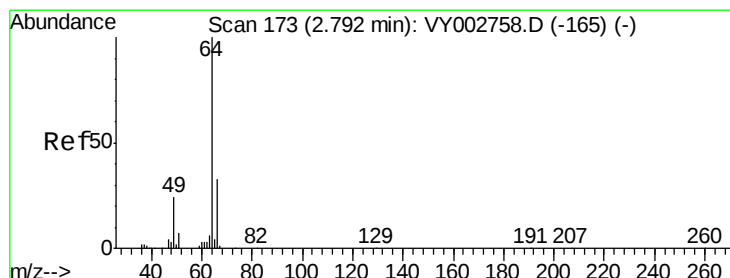
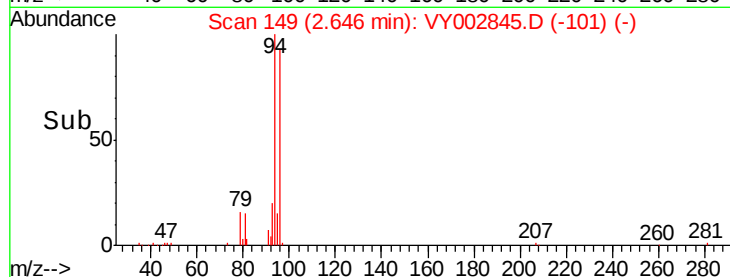
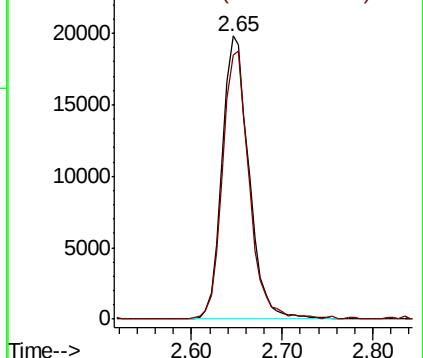
94 100

96 93.0 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: 22.221 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.01 min

Lab File: VY002845.D

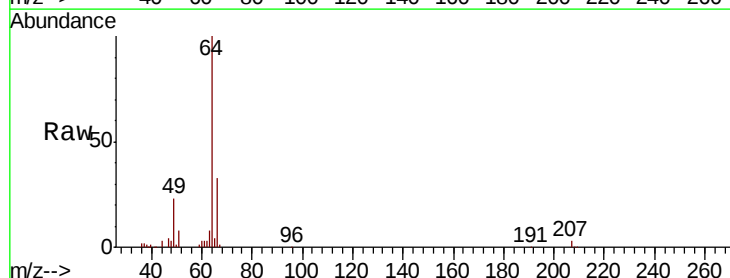
Acq: 05 Jun 2020 13:52

Tgt Ion: 64 Resp: 36018

Ion Ratio Lower Upper

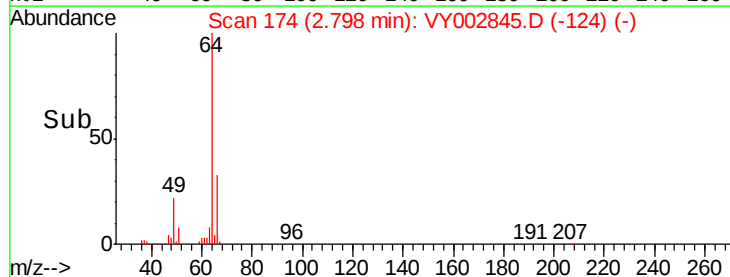
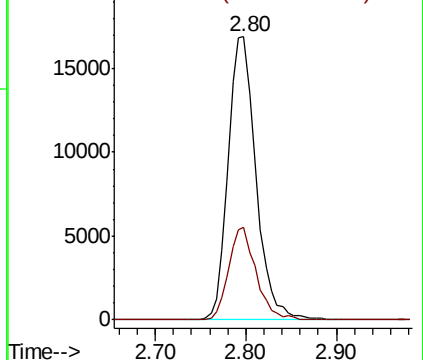
64 100

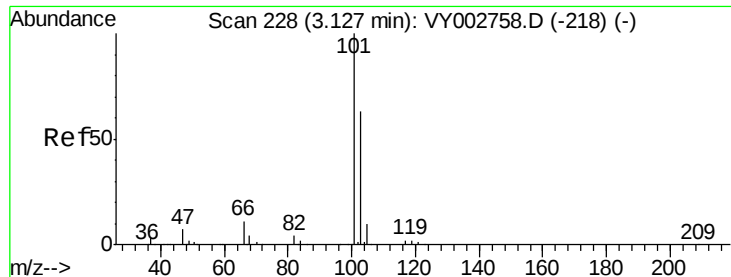
66 32.6 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



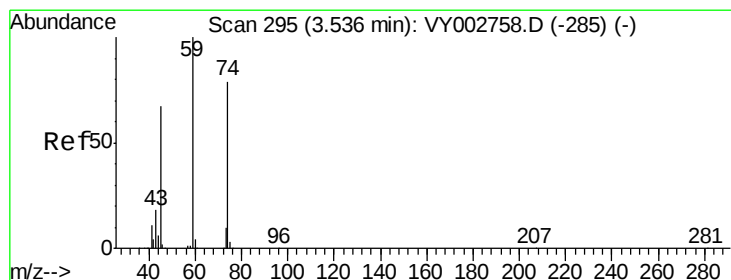
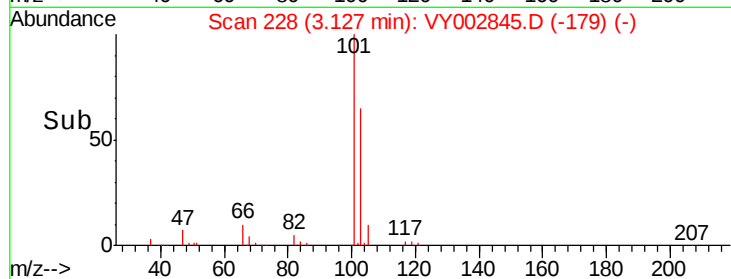
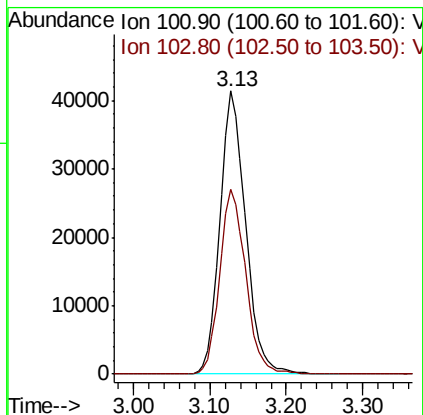
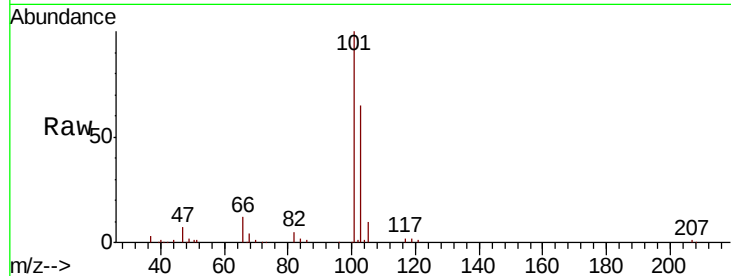


#7

Trichlorofluoromethane
 Concen: 21.729 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. 0.00 min
 Lab File: VY002845.D
 Acq: 05 Jun 2020 13:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0605SBS01

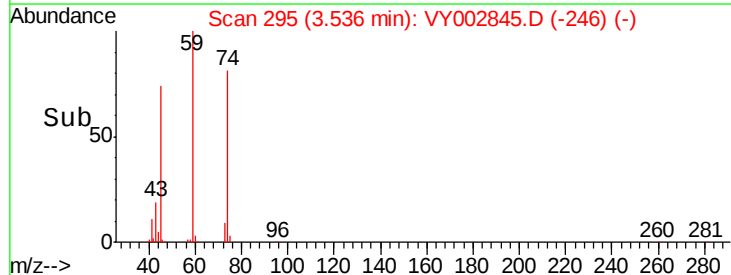
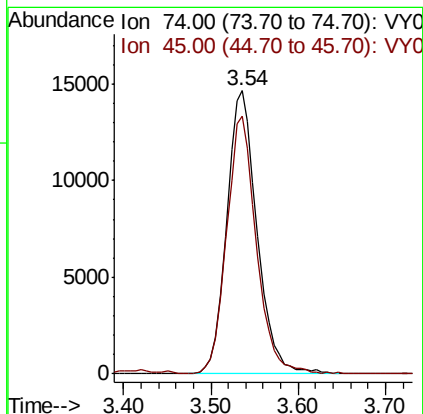
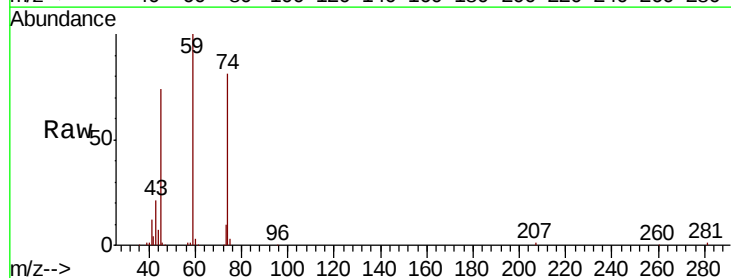
Tot Ion:101 Resp: 96224
 Ion Ratio Lower Upper
 101 100
 103 65.4 50.6 76.0

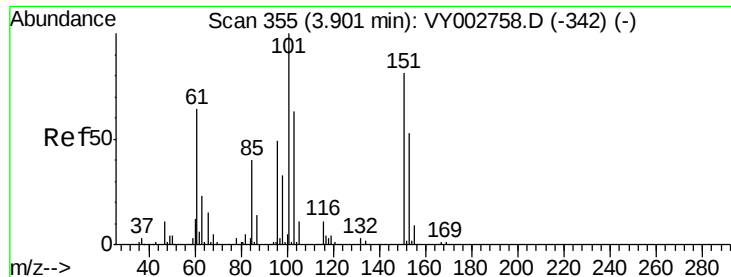


#8

Diethyl Ether
 Concen: 20.349 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. 0.00 min
 Lab File: VY002845.D
 Acq: 05 Jun 2020 13:52

Tgt Ion: 74 Resp: 35187
 Ion Ratio Lower Upper
 74 100
 45 89.6 44.0 131.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 23.015 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY002845.D

Acq: 05 Jun 2020 13:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0605SBS01

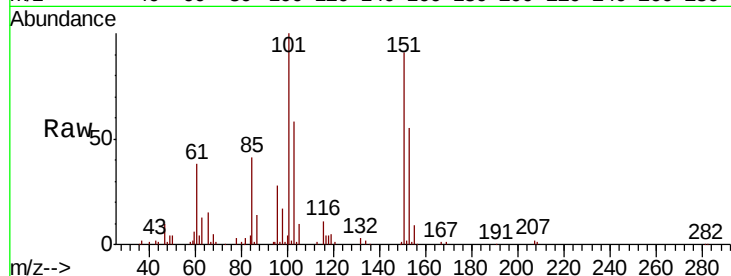
Tot Ion:101 Resp: 60513

Ion Ratio Lower Upper

101 100

85 41.5 32.7 49.1

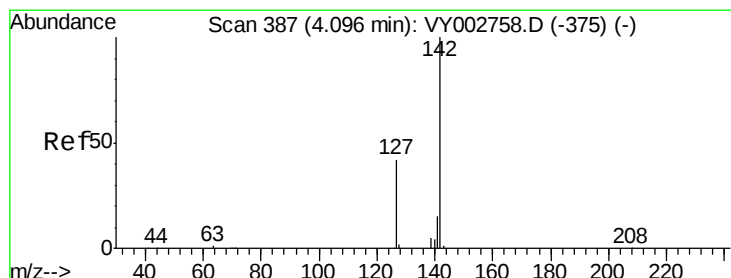
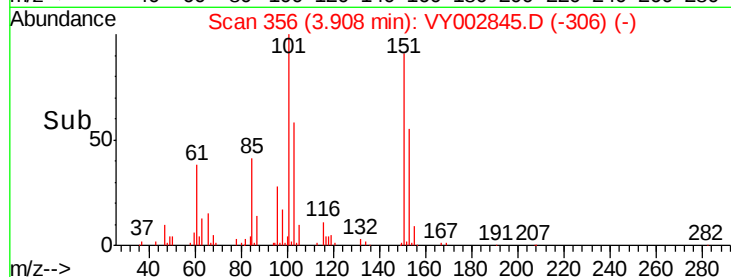
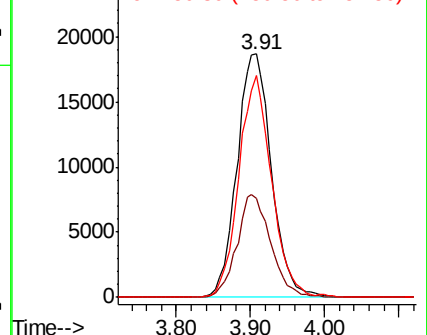
151 86.7 68.0 102.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.514 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY002845.D

Acq: 05 Jun 2020 13:52

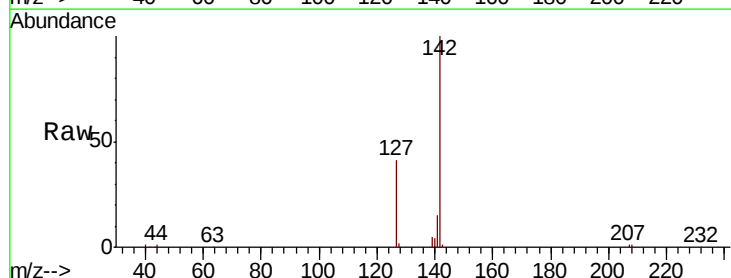
Tgt Ion:142 Resp: 75473

Ion Ratio Lower Upper

142 100

127 41.5 33.3 49.9

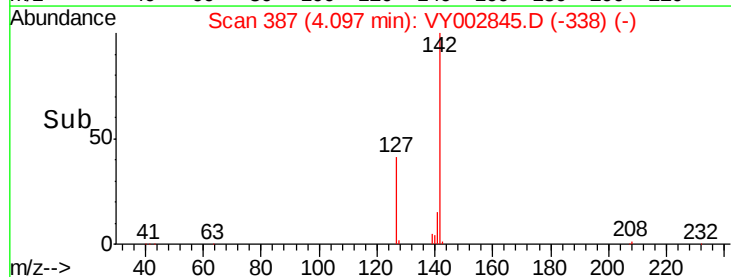
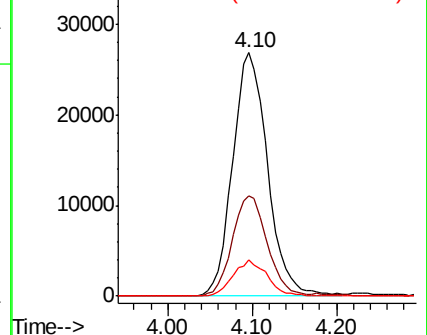
141 14.4 11.5 17.3



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



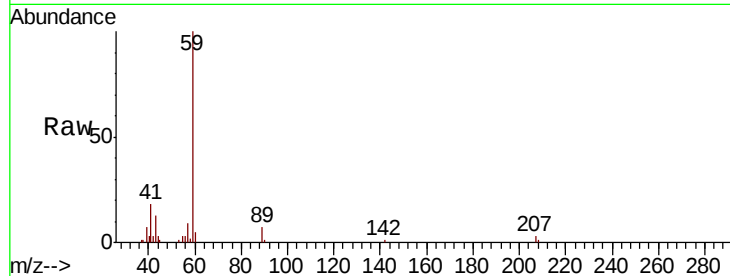


#11

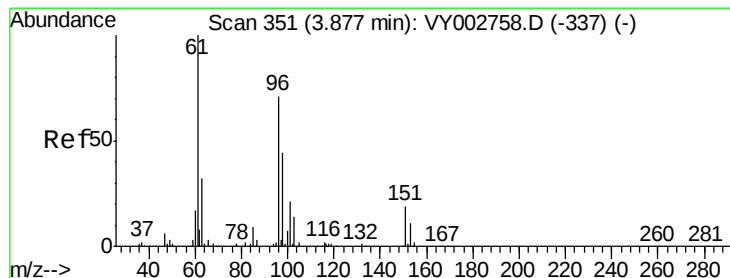
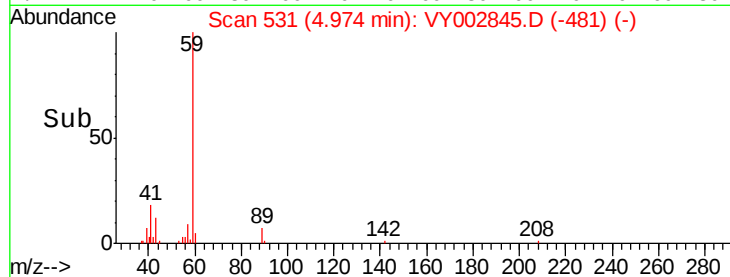
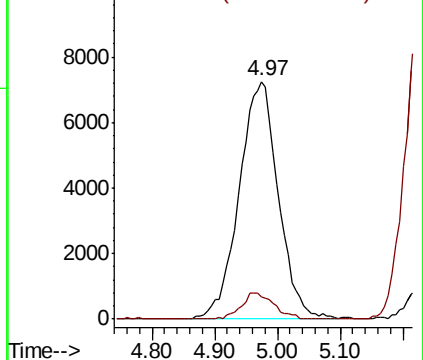
Tert butyl alcohol
 Concen: 100.117 ug/l
 RT: 4.97 min Scan# 531
 Delta R.T. 0.01 min
 Lab File: VY002845.D
 Acq: 05 Jun 2020 13:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0605SBS01

Tot Ion: 59 Resp: 31261
 Ion Ratio Lower Upper
 59 100
 57 9.2 7.7 11.5



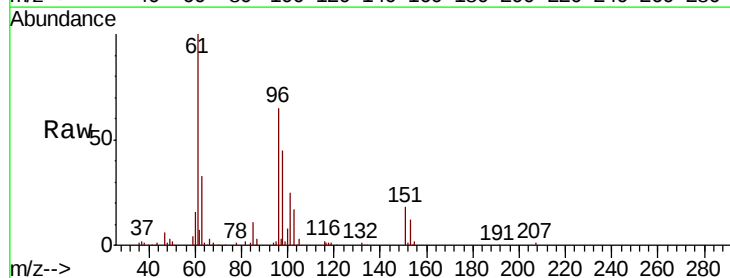
Abundance Ion 59.00 (58.70 to 59.70): VY0
 Ion 57.00 (56.70 to 57.70): VY0



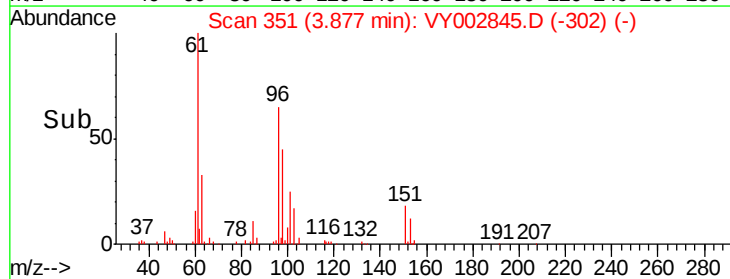
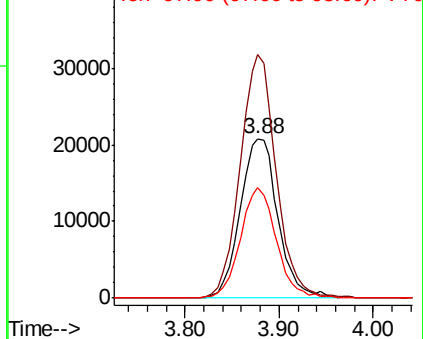
#12

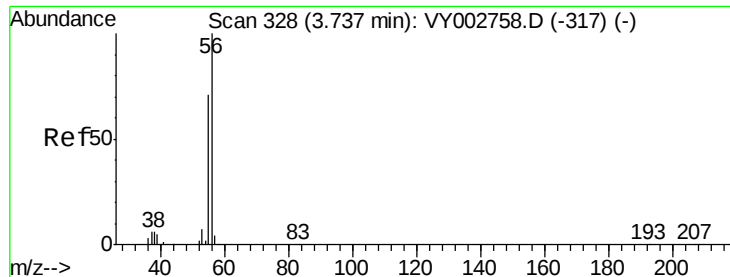
1,1-Dichloroethene
 Concen: 22.089 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VY002845.D
 Acq: 05 Jun 2020 13:52

Tgt Ion: 96 Resp: 58408
 Ion Ratio Lower Upper
 96 100
 61 152.9 112.6 168.8
 98 69.5 50.0 75.0



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





#13

Acrolein

Concen: 84.843 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY002845.D

Acq: 05 Jun 2020 13:52

Instrument :

MSVOA_Y

ClientSampleId :

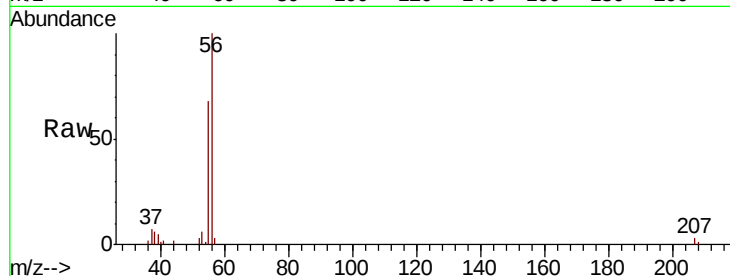
VY0605SBS01

Tot Ion: 56 Resp: 26833

Ion Ratio Lower Upper

56 100

55 70.3 56.0 84.0



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

12000

10000

8000

6000

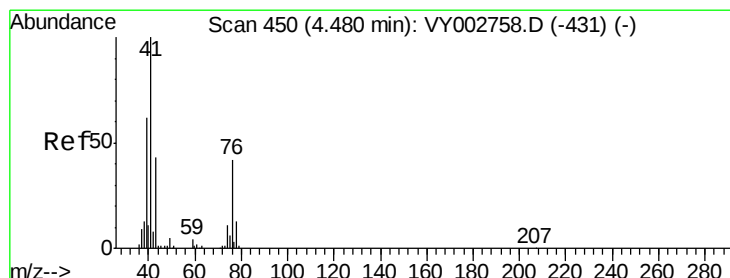
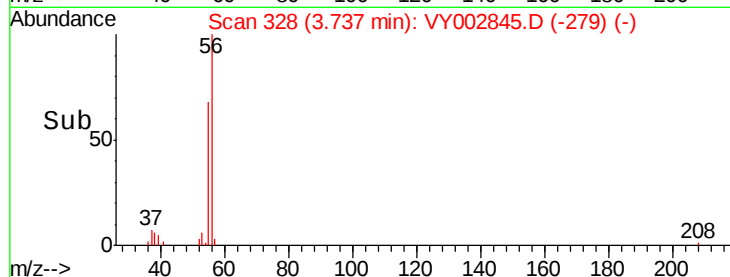
4000

2000

0

3.60 3.70 3.80 3.90

Time-->



#14

Allyl chloride

Concen: 22.662 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY002845.D

Acq: 05 Jun 2020 13:52

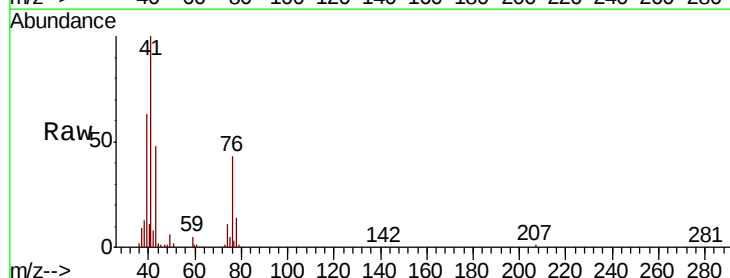
Tgt Ion: 41 Resp: 85941

Ion Ratio Lower Upper

41 100

39 62.1 49.9 74.9

76 41.5 33.2 49.8



Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0

30000

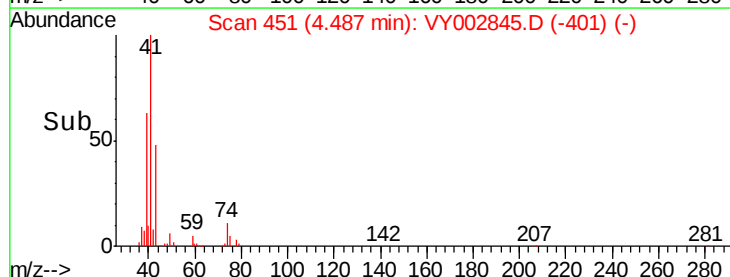
20000

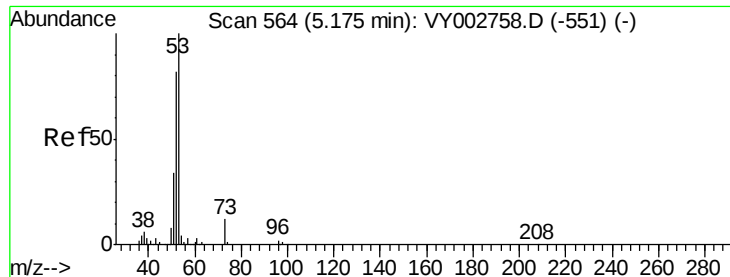
10000

0

4.30 4.40 4.50 4.60

Time-->





#15

Acrylonitrile

Concen: 109.522 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY002845.D

Acq: 05 Jun 2020 13:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0605SBS01

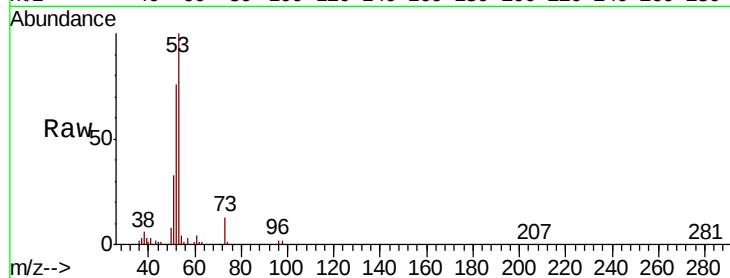
Tot Ion: 53 Resp: 85436

Ion Ratio Lower Upper

53 100

52 79.9 65.3 97.9

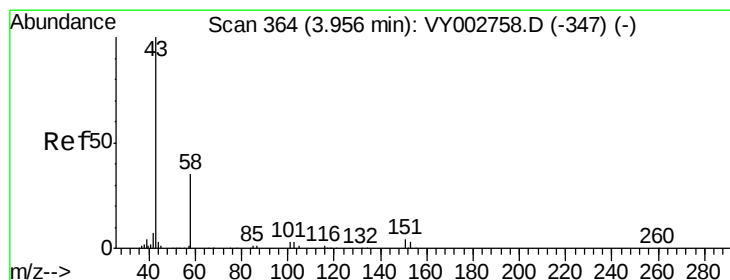
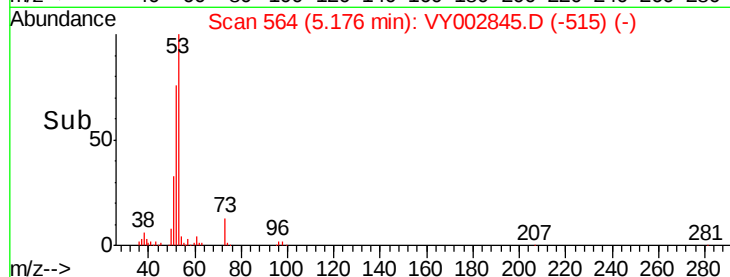
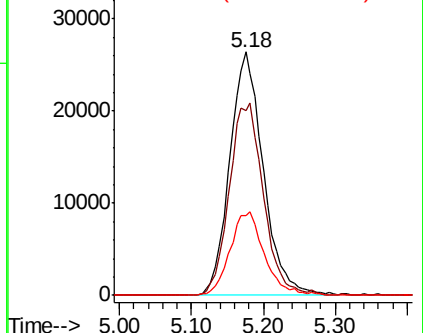
51 34.9 28.0 42.0



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: 107.789 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.00 min

Lab File: VY002845.D

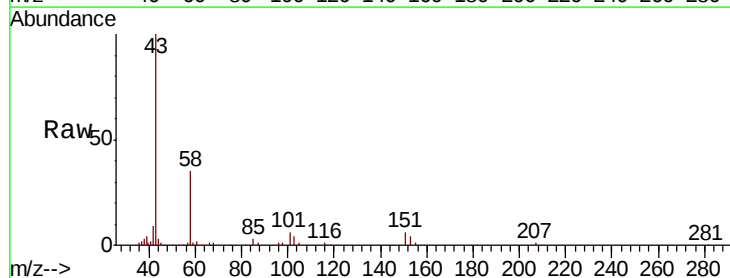
Acq: 05 Jun 2020 13:52

Tgt Ion: 43 Resp: 68212

Ion Ratio Lower Upper

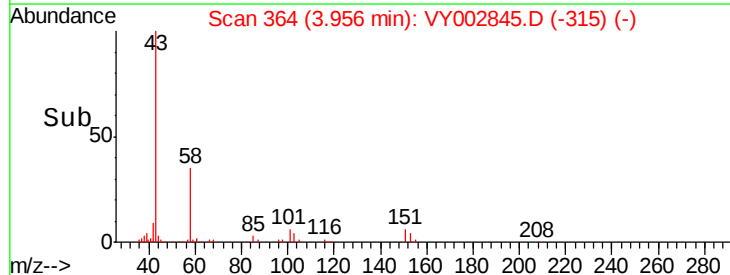
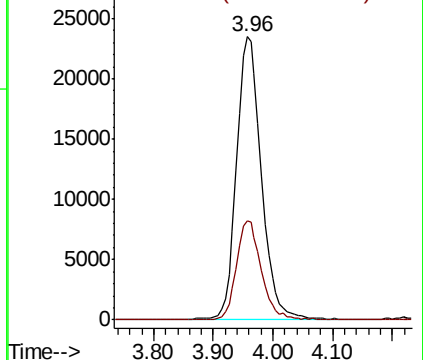
43 100

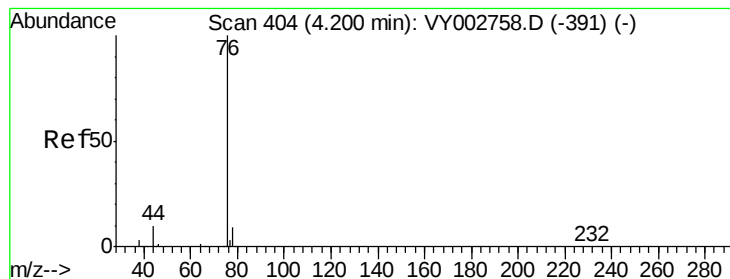
58 35.1 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0





#17

Carbon Disulfide

Concen: 21.135 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: VY002845.D

Acq: 05 Jun 2020 13:52

Instrument :

MSVOA_Y

ClientSampleId :

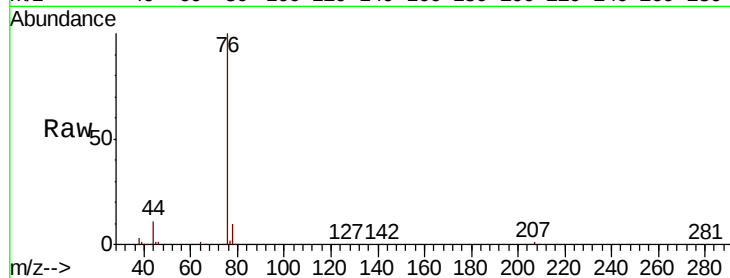
VY0605SBS01

Tot Ion: 76 Resp: 168877

Ion Ratio Lower Upper

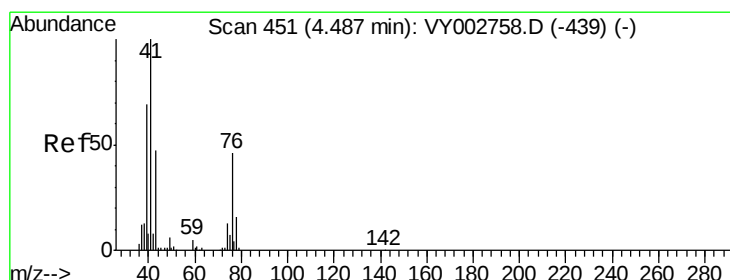
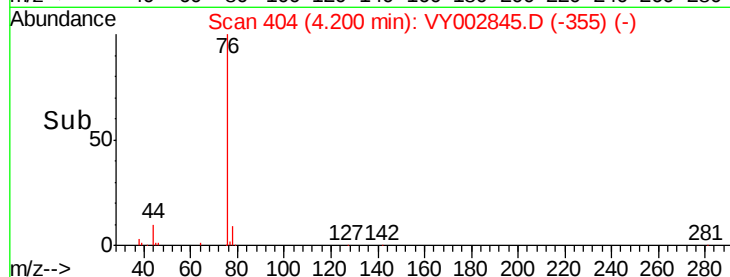
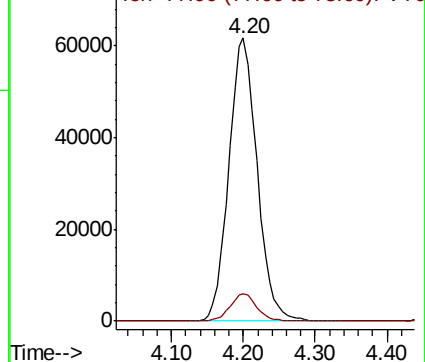
76 100

78 9.8 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: 24.530 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY002845.D

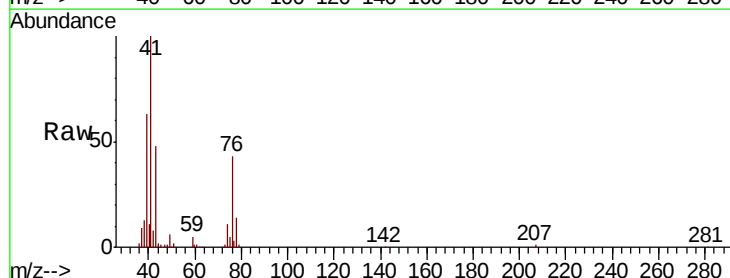
Acq: 05 Jun 2020 13:52

Tgt Ion: 43 Resp: 39735

Ion Ratio Lower Upper

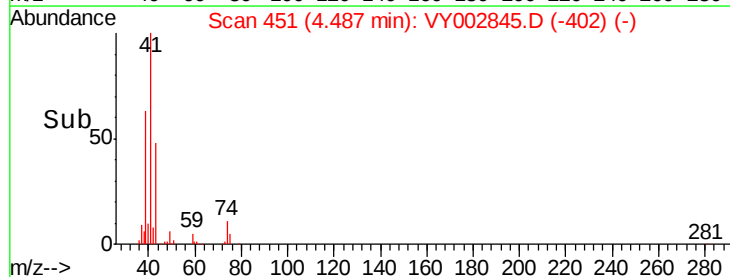
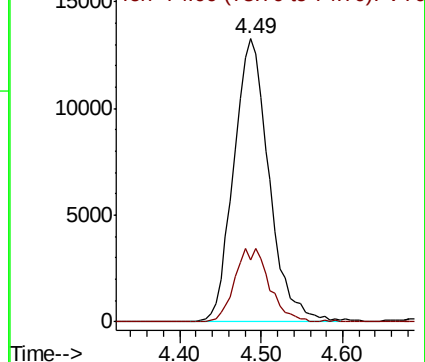
43 100

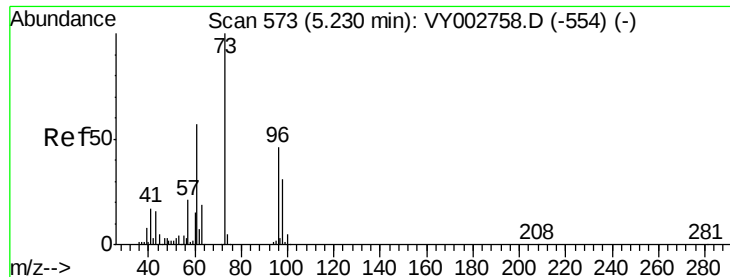
74 25.3 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0



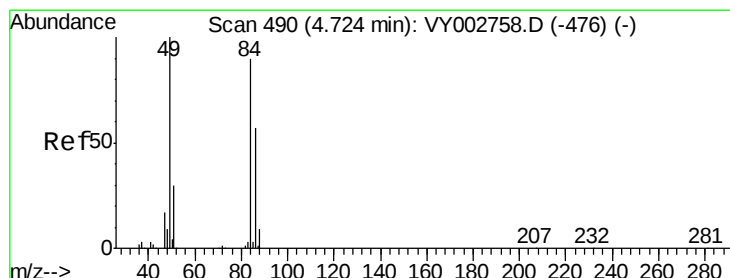
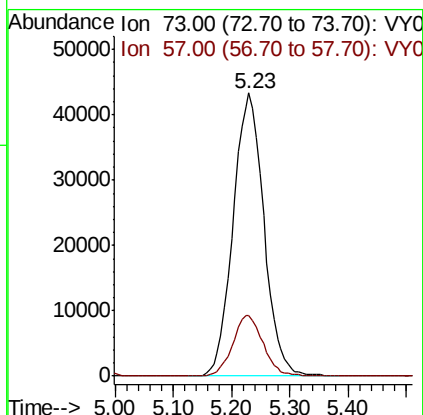
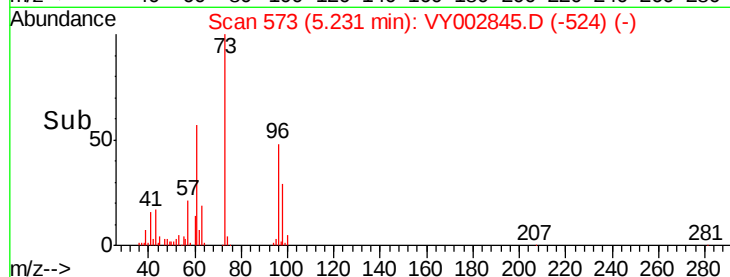
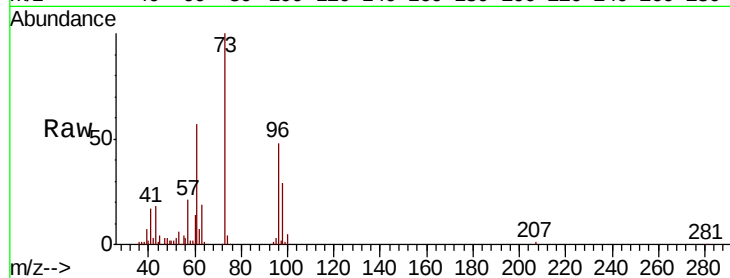


#19

Methyl tert-butyl Ether
 Concen: 21.792 ug/l
 RT: 5.23 min Scan# 573
 Delta R.T. 0.00 min
 Lab File: VY002845.D
 Acq: 05 Jun 2020 13:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0605SBS01

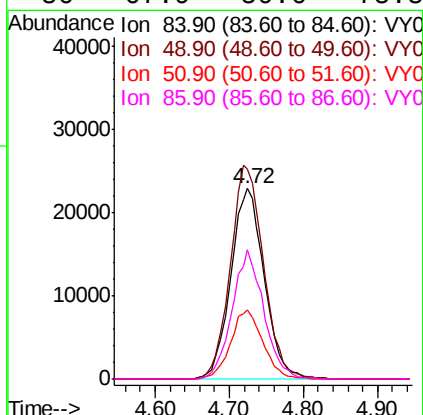
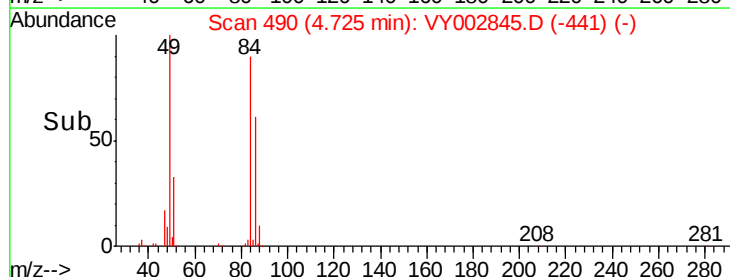
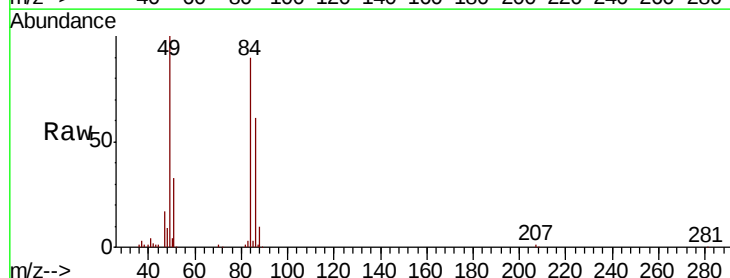
Tot Ion: 73 Resp: 159075
 Ion Ratio Lower Upper
 73 100
 57 21.3 17.0 25.4



#20

Methylene Chloride
 Concen: 23.203 ug/l
 RT: 4.72 min Scan# 490
 Delta R.T. 0.00 min
 Lab File: VY002845.D
 Acq: 05 Jun 2020 13:52

Tgt Ion: 84 Resp: 71756
 Ion Ratio Lower Upper
 84 100
 49 110.5 88.5 132.7
 51 36.1 26.8 40.2
 86 67.9 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 21.920 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY002845.D

Acq: 05 Jun 2020 13:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0605SBS01

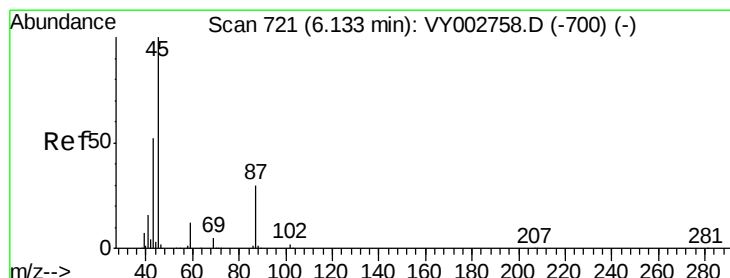
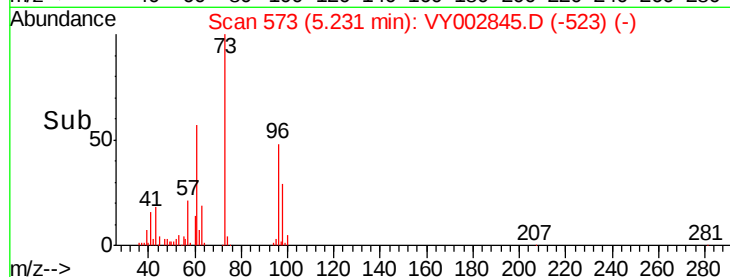
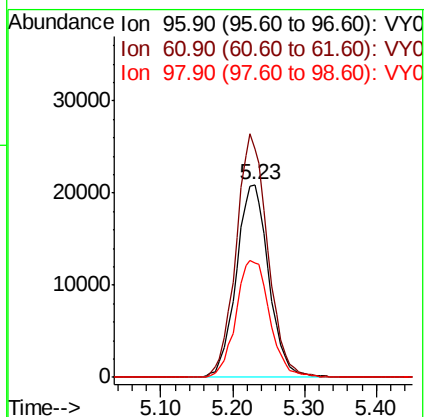
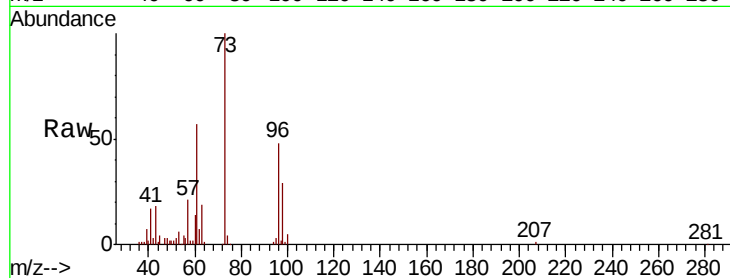
Tot Ion: 96 Resp: 65183

Ion Ratio Lower Upper

96 100

61 118.4 96.8 145.2

98 59.6 49.4 74.0



#22

Diisopropyl ether

Concen: 22.626 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY002845.D

Acq: 05 Jun 2020 13:52

Tgt Ion: 45 Resp: 178313

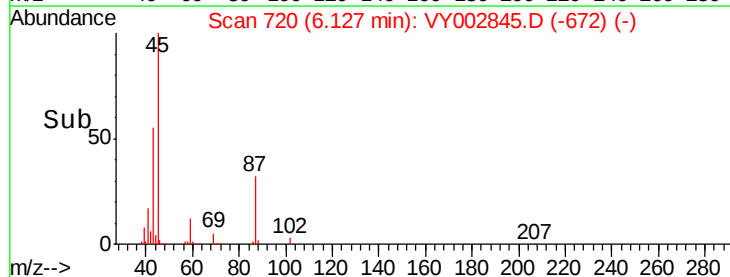
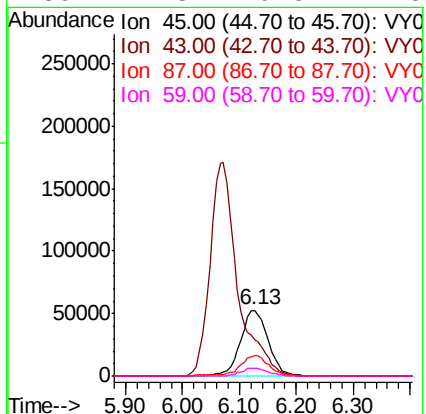
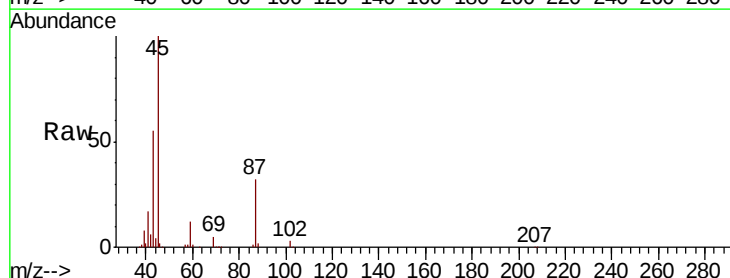
Ion Ratio Lower Upper

45 100

43 54.9 41.7 62.5

87 32.1 24.2 36.2

59 11.8 9.8 14.8





#23

Vinyl Acetate

Concen: 110.669 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.00 min

Lab File: VY002845.D

Acq: 05 Jun 2020 13:52

Instrument :

MSVOA_Y

ClientSampleId :

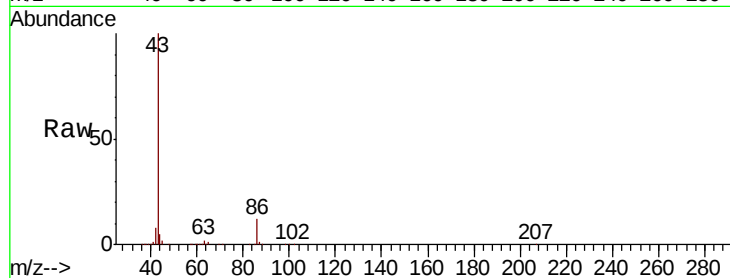
VY0605SBS01

Tot Ion: 43 Resp: 575820

Ion Ratio Lower Upper

43 100

86 12.1 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

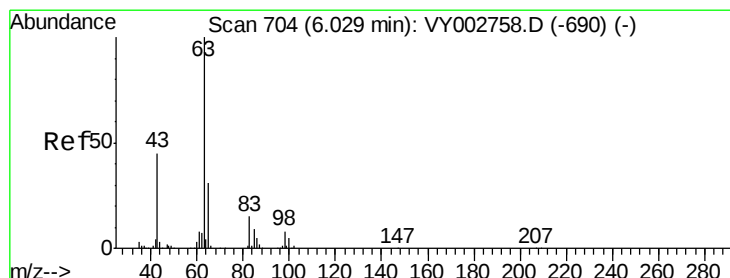
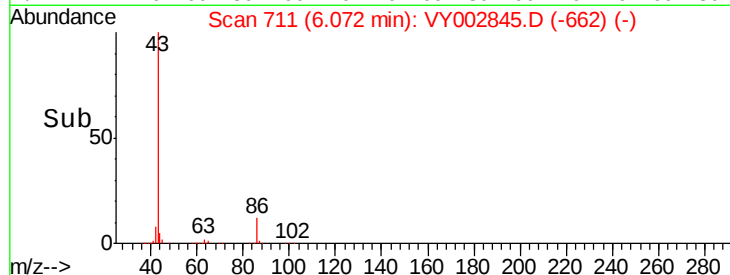
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 22.304 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY002845.D

Acq: 05 Jun 2020 13:52

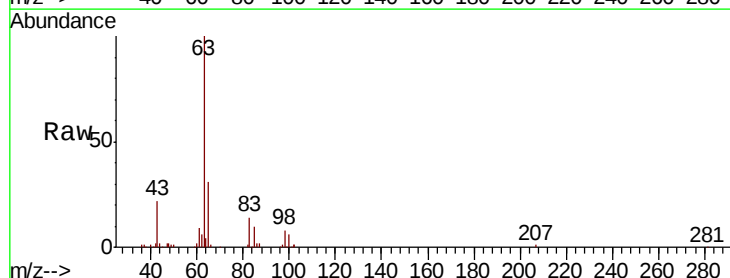
Tgt Ion: 63 Resp: 102822

Ion Ratio Lower Upper

63 100

98 7.9 4.0 12.2

100 5.8 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

6.02

40000

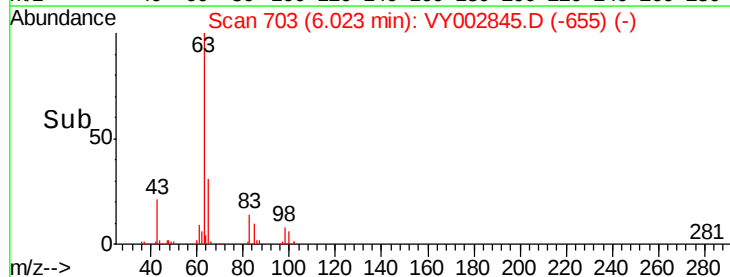
30000

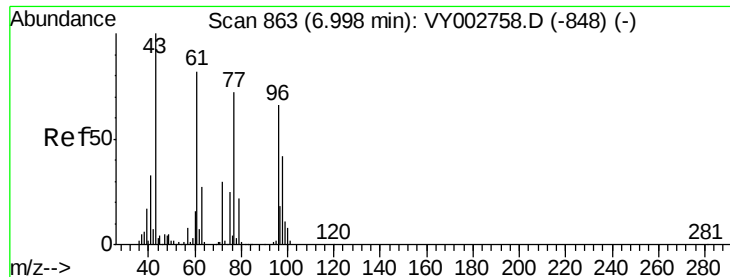
20000

10000

0

Time-->

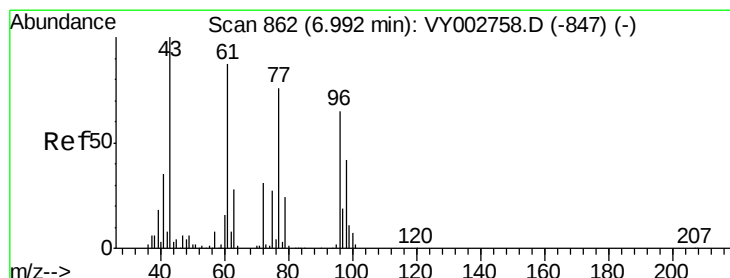
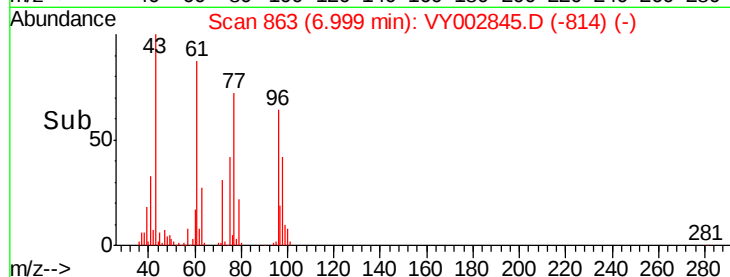
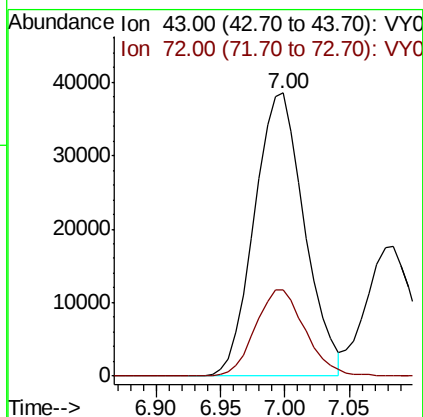
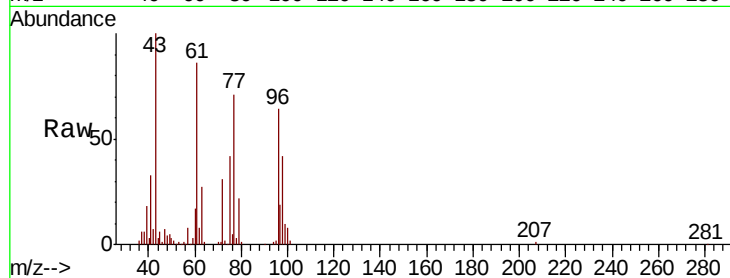




#25
2-Butanone
Concen: 105.663 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.00 min
Lab File: VY002845.D
Acq: 05 Jun 2020 13:52

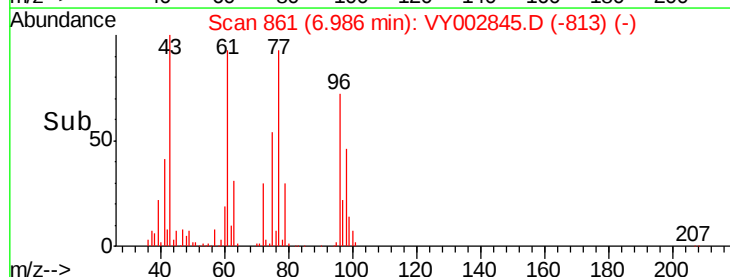
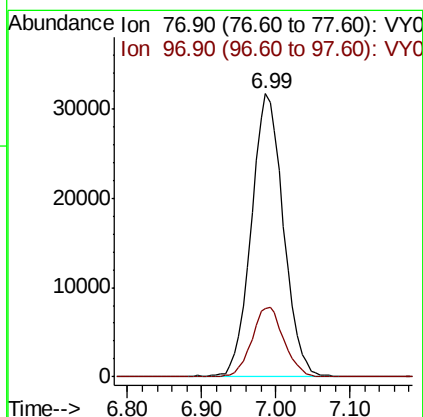
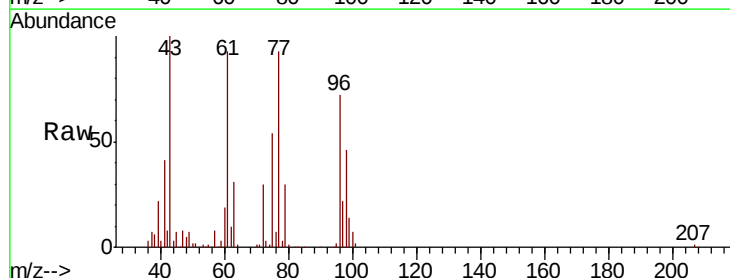
Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBS01

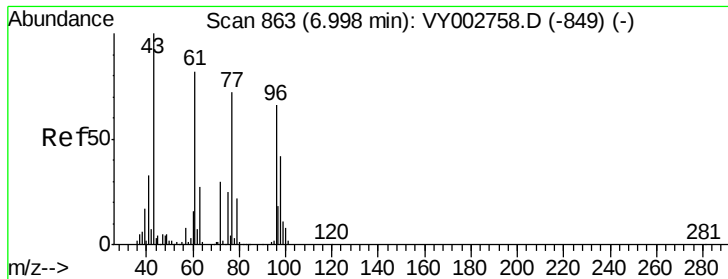
Tot Ion: 43 Resp: 104178
Ion Ratio Lower Upper
43 100
72 30.5 23.9 35.9



#26
2,2-Dichloropropane
Concen: 21.638 ug/l
RT: 6.99 min Scan# 861
Delta R.T. -0.01 min
Lab File: VY002845.D
Acq: 05 Jun 2020 13:52

Tgt Ion: 77 Resp: 95668
Ion Ratio Lower Upper
77 100
97 24.5 12.2 36.6



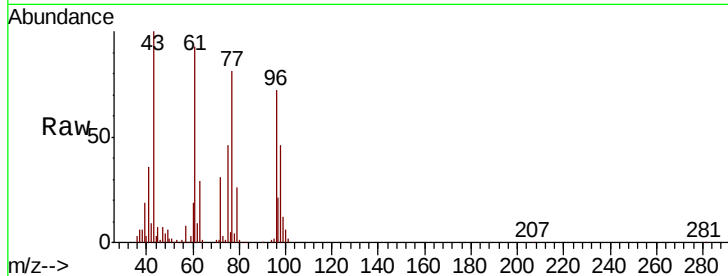


#27

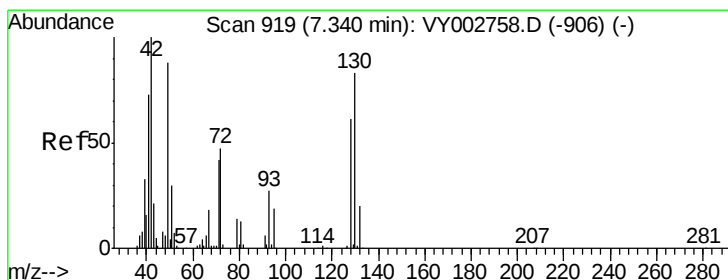
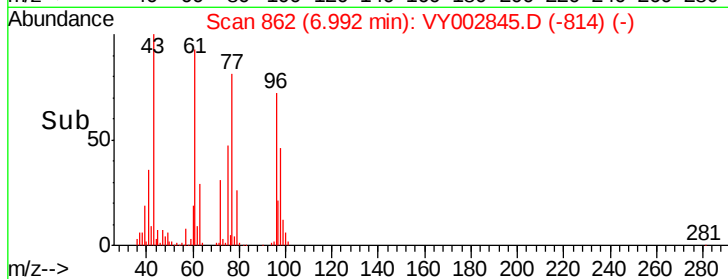
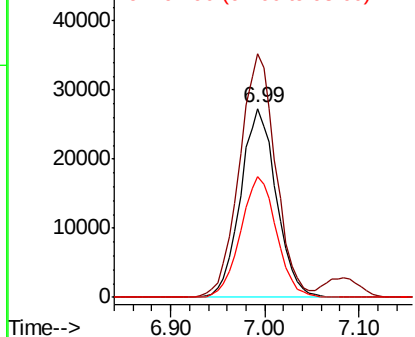
cis-1,2-Dichloroethene
 Concen: 21.851 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VY002845.D
 Acq: 05 Jun 2020 13:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0605SBS01

Tot Ion: 96 Resp: 72740
 Ion Ratio Lower Upper
 96 100
 61 130.9 0.0 260.2
 98 63.9 0.0 128.2



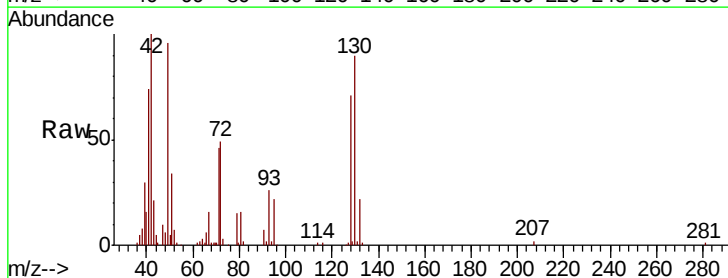
Abundance Ion 95.90 (95.60 to 96.60): VY0
 Ion 60.90 (60.60 to 61.60): VY0
 Ion 97.90 (97.60 to 98.60): VY0



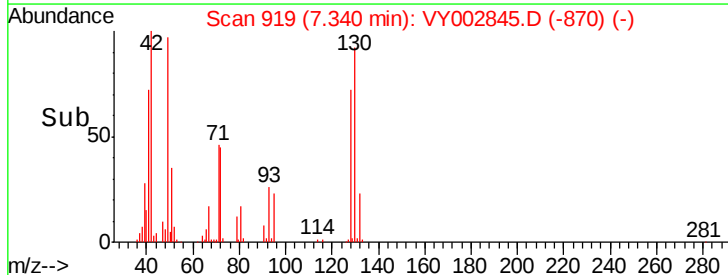
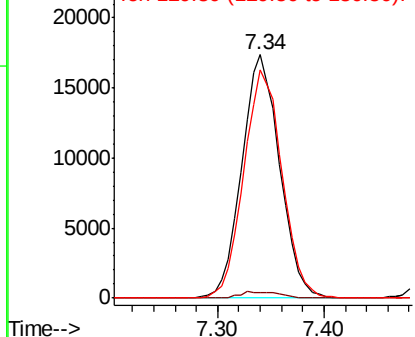
#28

Bromochloromethane
 Concen: 22.918 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: VY002845.D
 Acq: 05 Jun 2020 13:52

Tgt Ion: 49 Resp: 43372
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 5.2
 130 94.8 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: 107.241 ug/l

RT: 7.36 min Scan# 922

Delta R.T. 0.01 min

Lab File: VY002845.D

Acq: 05 Jun 2020 13:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0605SBS01

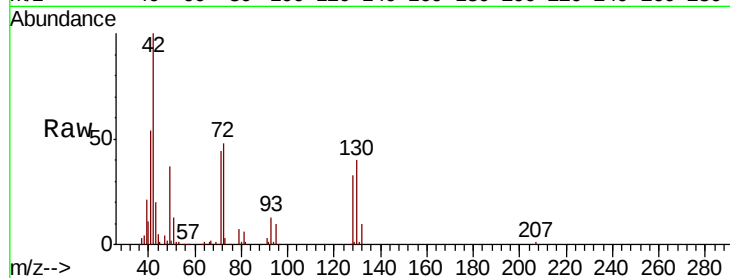
Tot Ion: 42 Resp: 68776

Ion Ratio Lower Upper

42 100

72 48.4 38.6 58.0

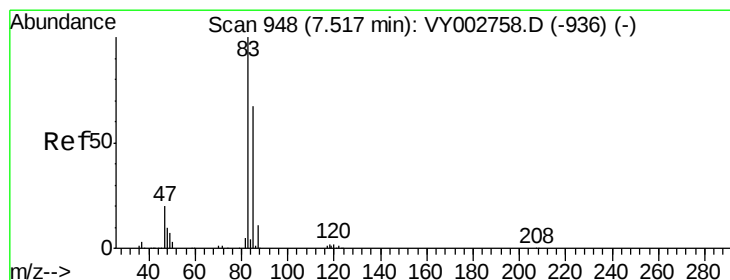
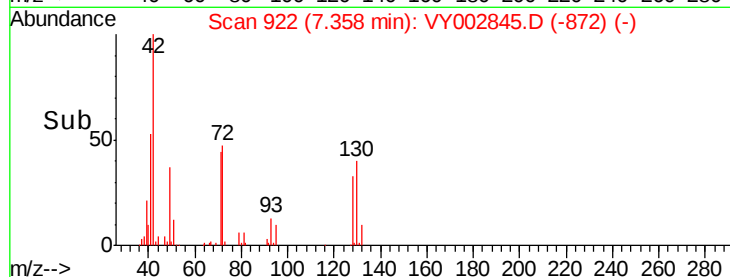
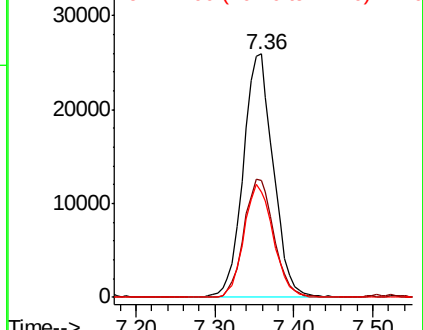
71 45.2 35.8 53.8



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: 22.048 ug/l

RT: 7.52 min Scan# 948

Delta R.T. 0.00 min

Lab File: VY002845.D

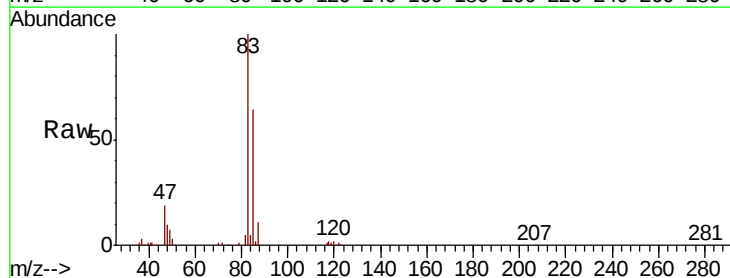
Acq: 05 Jun 2020 13:52

Tgt Ion: 83 Resp: 107857

Ion Ratio Lower Upper

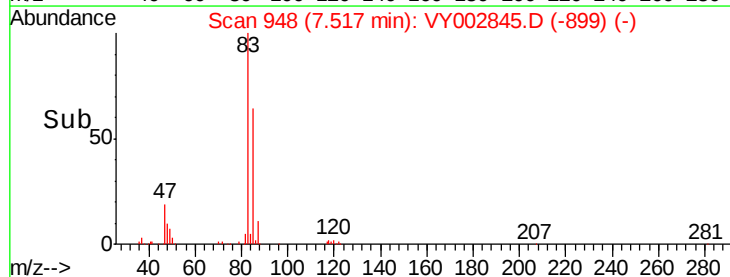
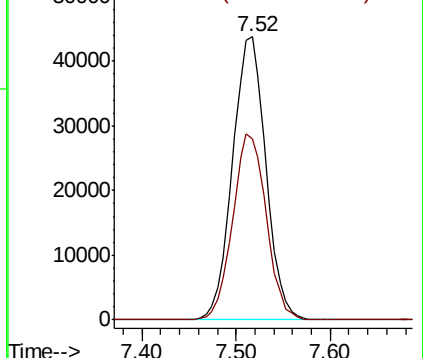
83 100

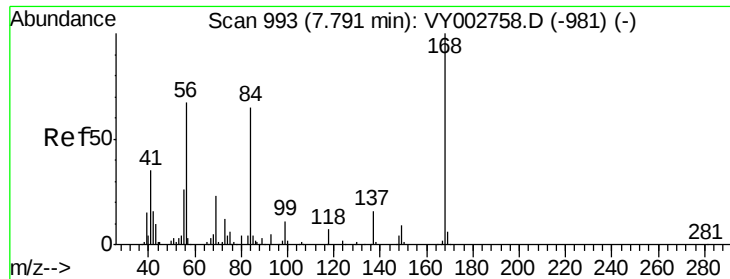
85 63.8 53.8 80.8



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

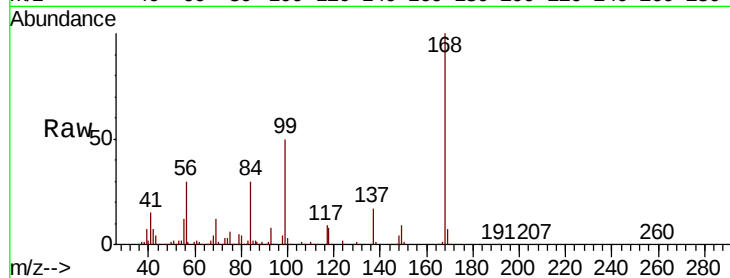




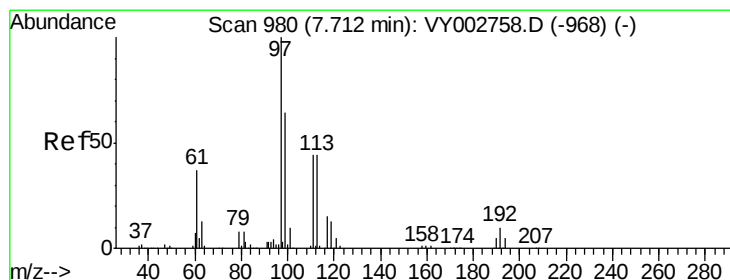
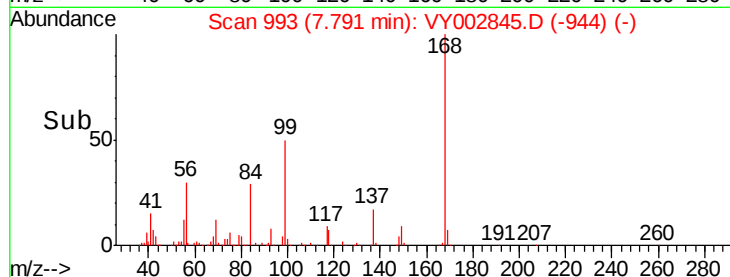
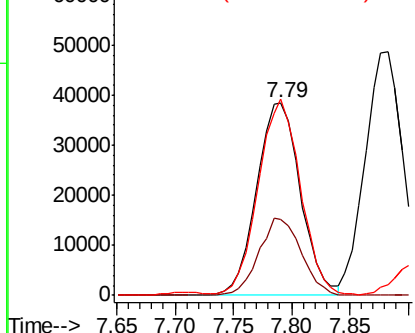
#31
Cyclohexane
Concen: 21.834 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.00 min
Lab File: VY002845.D
Acq: 05 Jun 2020 13:52

Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBS01

Tot Ion: 56 Resp: 99937
Ion Ratio Lower Upper
56 100
69 39.2 28.0 42.0
84 100.2 77.7 116.5

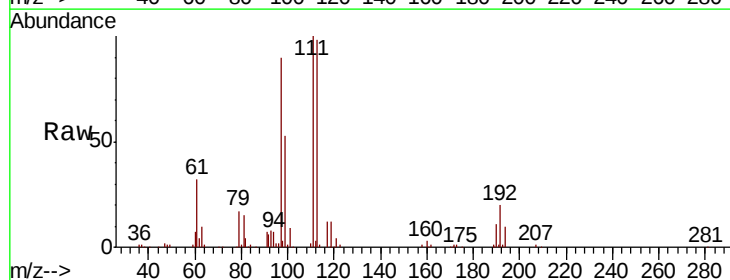


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

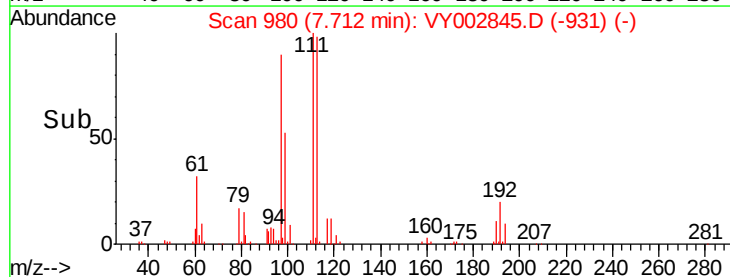
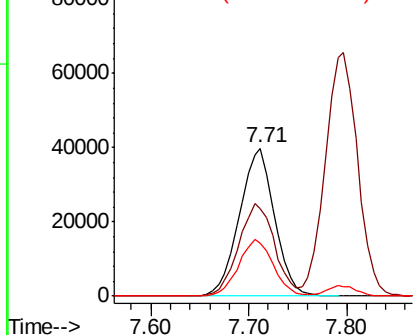


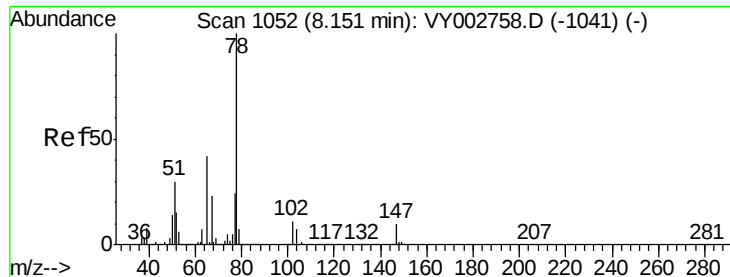
#32
1,1,1-Trichloroethane
Concen: 21.713 ug/l
RT: 7.71 min Scan# 980
Delta R.T. 0.00 min
Lab File: VY002845.D
Acq: 05 Jun 2020 13:52

Tgt Ion: 97 Resp: 98978
Ion Ratio Lower Upper
97 100
99 63.9 51.4 77.0
61 38.1 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

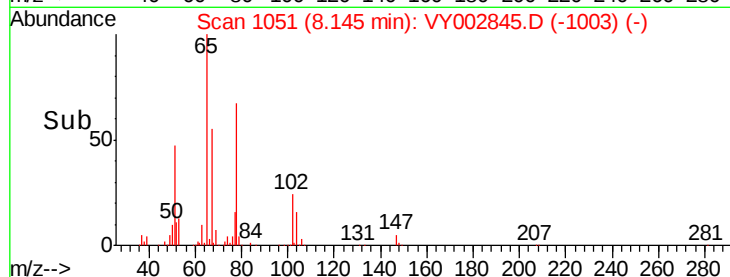
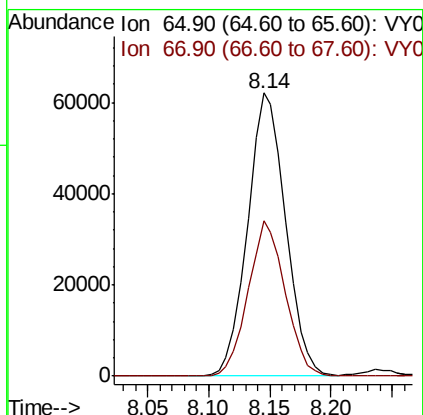
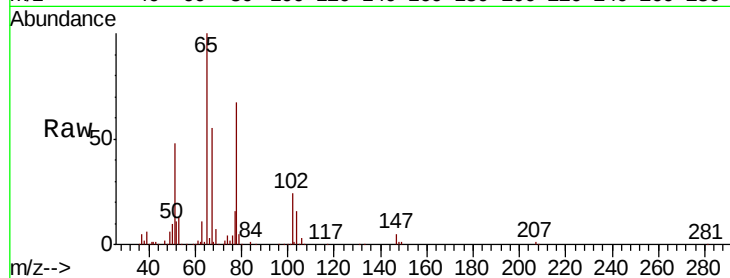




#33
 1,2-Dichloroethane-d4
 Concen: 49.719 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: VY002845.D
 Acq: 05 Jun 2020 13:52

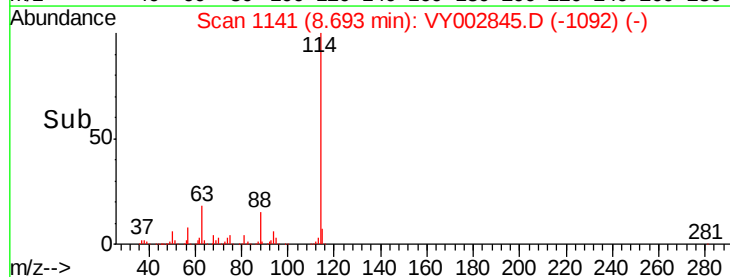
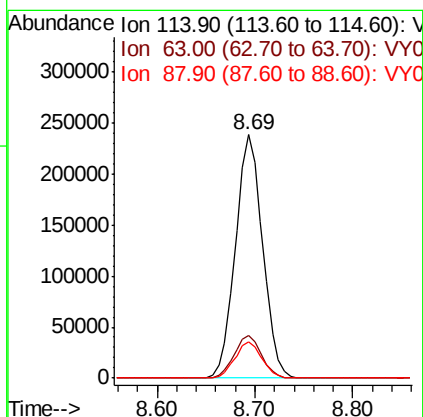
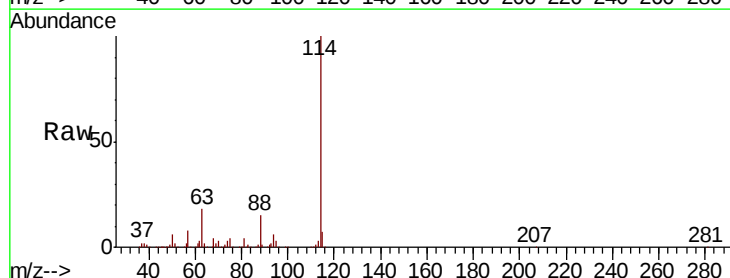
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0605SBS01

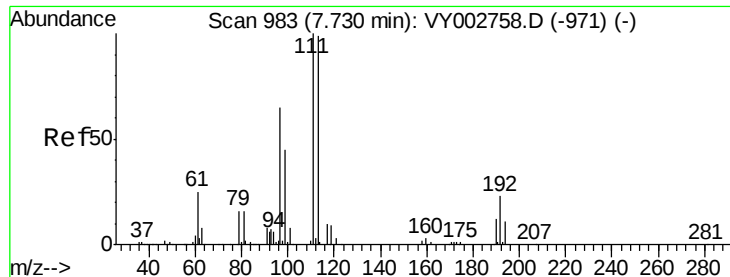
Tot Ion: 65 Resp: 134180
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002845.D
 Acq: 05 Jun 2020 13:52

Tgt Ion: 114 Resp: 459206
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 35.2
 88 14.7 0.0 29.2

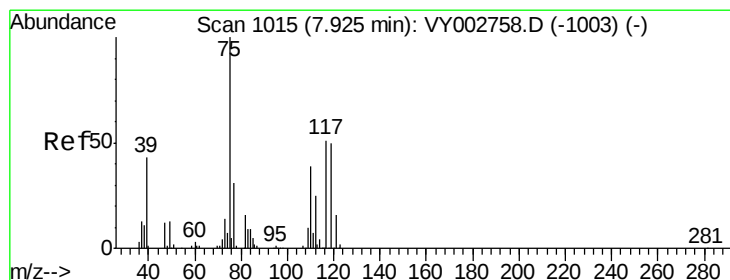
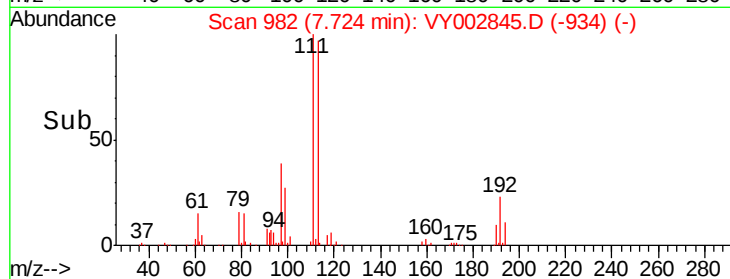
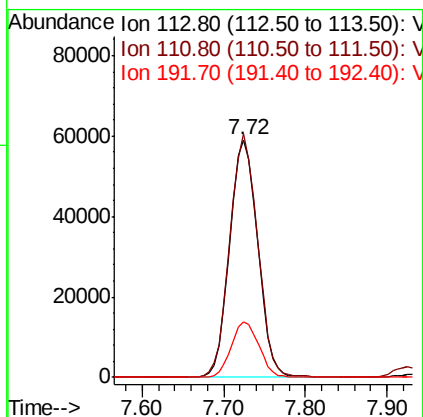
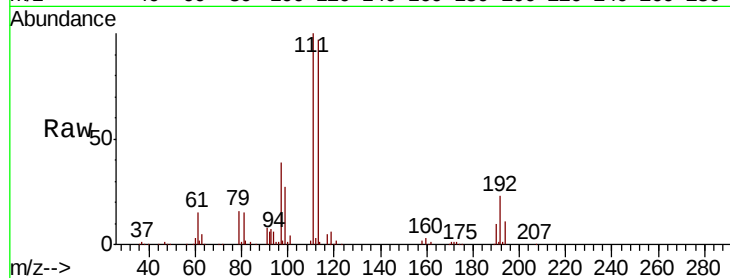




#35
 Dibromofluoromethane
 Concen: 52.039 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002845.D
 Acq: 05 Jun 2020 13:52

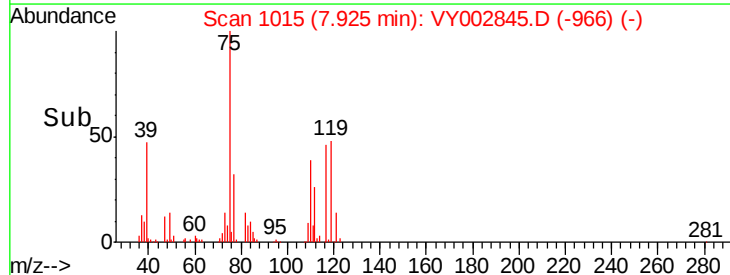
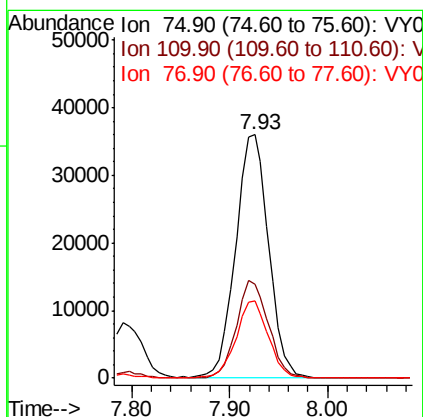
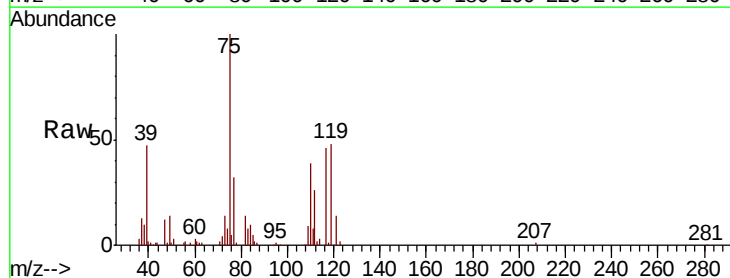
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0605SBS01

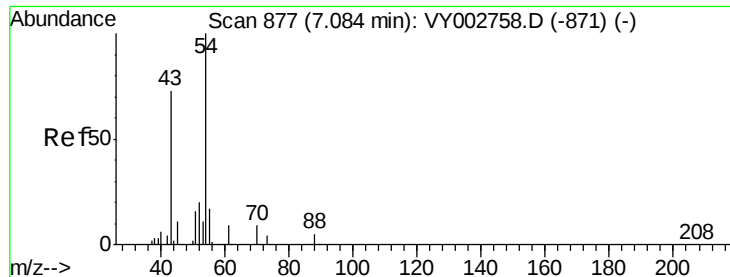
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.0	123.0
192	23.2	18.9	28.3



#36
 1,1-Dichloropropene
 Concen: 21.761 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: VY002845.D
 Acq: 05 Jun 2020 13:52

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.7	19.3	57.9
77	31.1	24.8	37.2

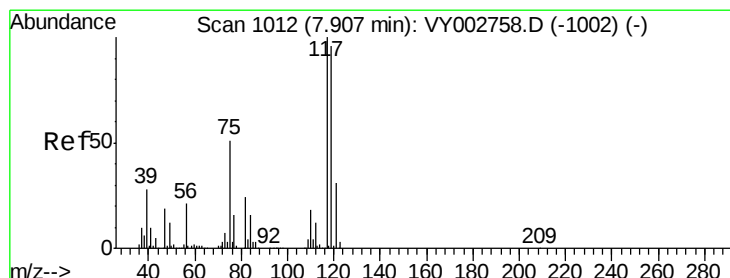
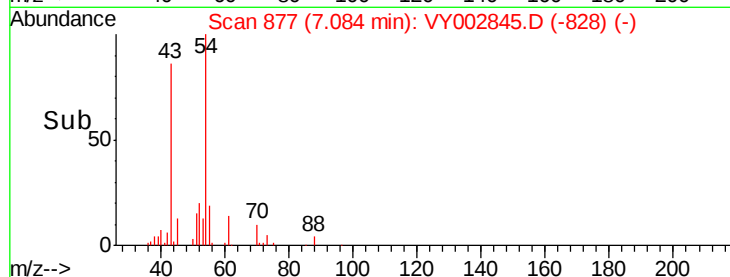
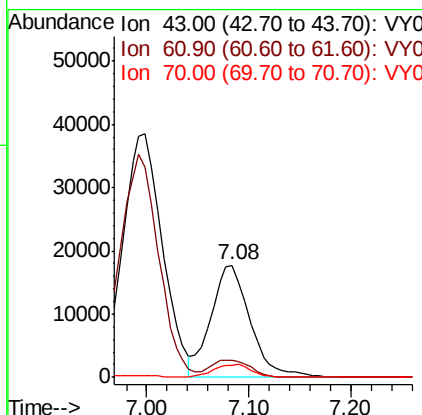
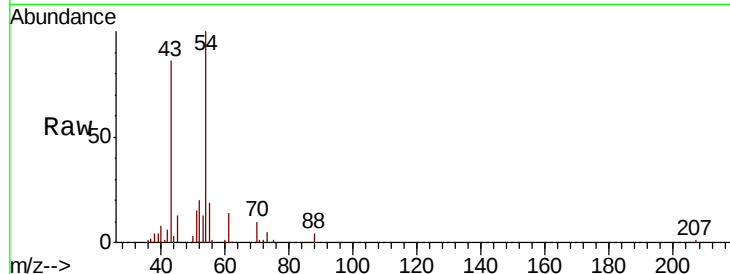




#37
Ethyl Acetate
Concen: 22.326 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.00 min
Lab File: VY002845.D
Acq: 05 Jun 2020 13:52

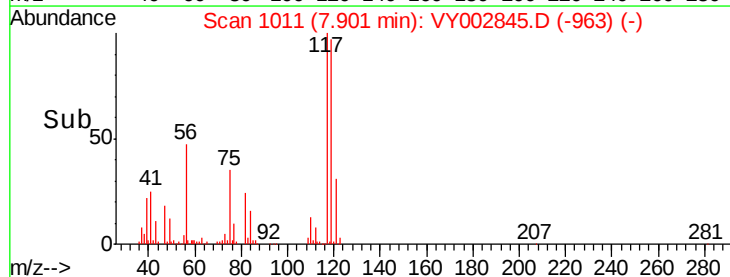
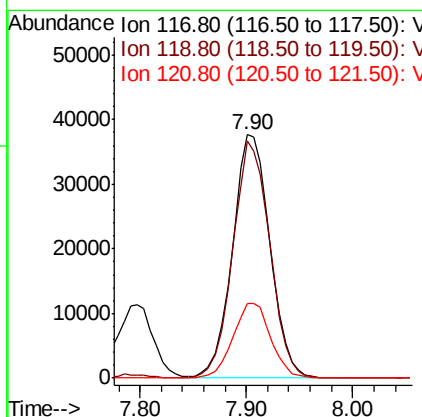
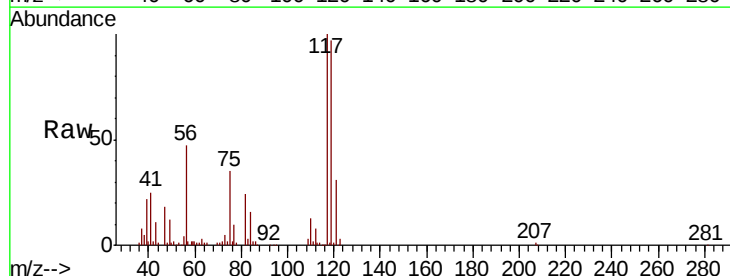
Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBS01

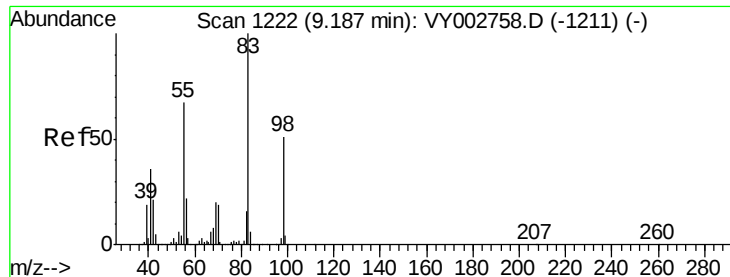
Tot Ion	43	Resp	46987
Ion Ratio	Lower	Upper	
43	100		
61	15.6	11.9	17.9
70	11.2	9.1	13.7



#38
Carbon Tetrachloride
Concen: 21.633 ug/l
RT: 7.90 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VY002845.D
Acq: 05 Jun 2020 13:52

Tgt Ion	117	Resp	92963
Ion Ratio	Lower	Upper	
117	100		
119	97.2	76.8	115.2
121	30.5	24.8	37.2

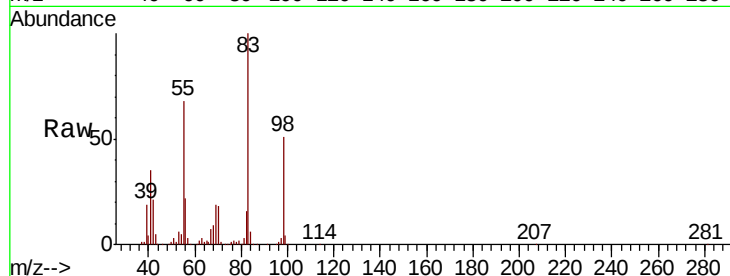




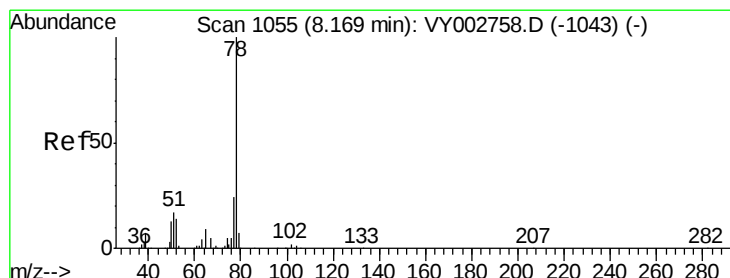
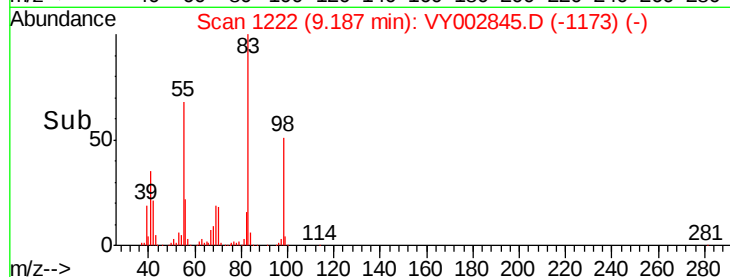
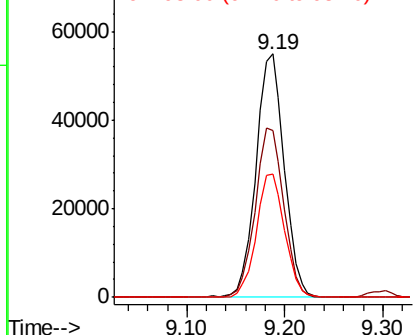
#39
Methylcyclohexane
Concen: 21.603 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY002845.D
Acq: 05 Jun 2020 13:52

Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBS01

Tot Ion: 83 Resp: 110148
Ion Ratio Lower Upper
83 100
55 68.4 53.3 79.9
98 50.6 41.1 61.7

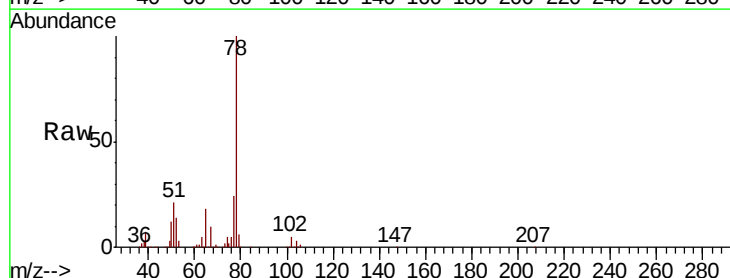


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

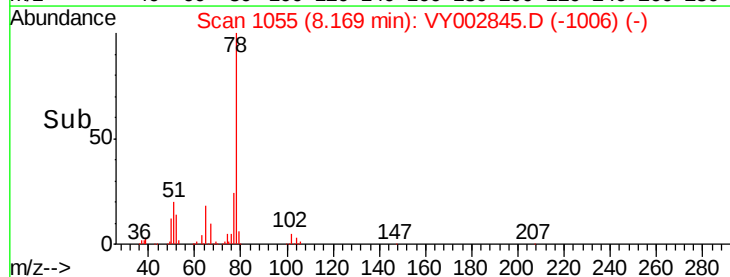
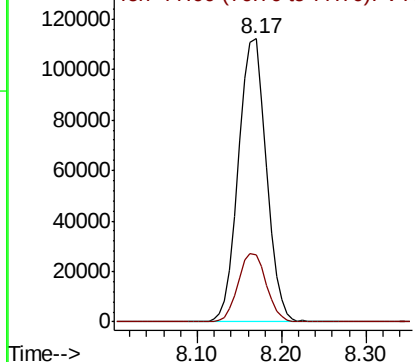


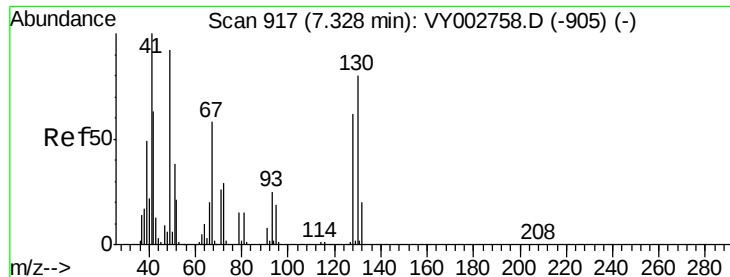
#40
Benzene
Concen: 21.850 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY002845.D
Acq: 05 Jun 2020 13:52

Tgt Ion: 78 Resp: 249737
Ion Ratio Lower Upper
78 100
77 23.8 18.8 28.2



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

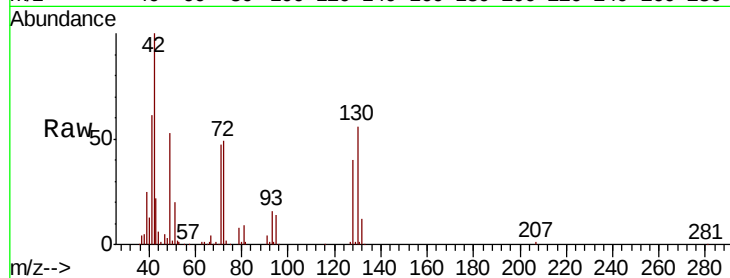




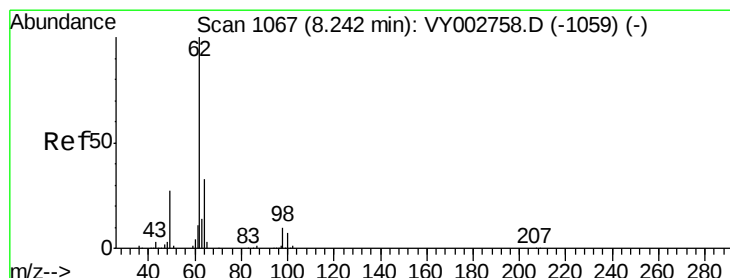
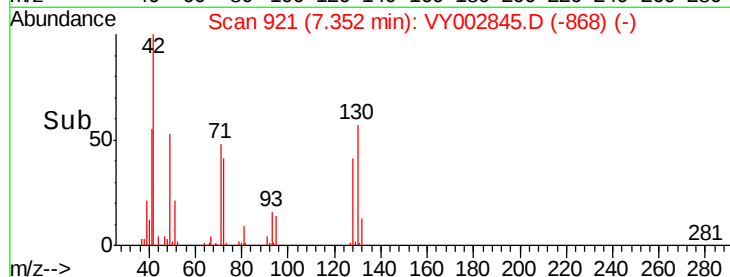
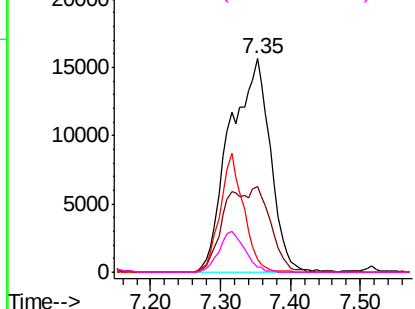
#41
Methacrylonitrile
Concen: 55.772 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.02 min
Lab File: VY002845.D
Acq: 05 Jun 2020 13:52

Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBS01

Tot Ion:	41	Resp:	63059
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

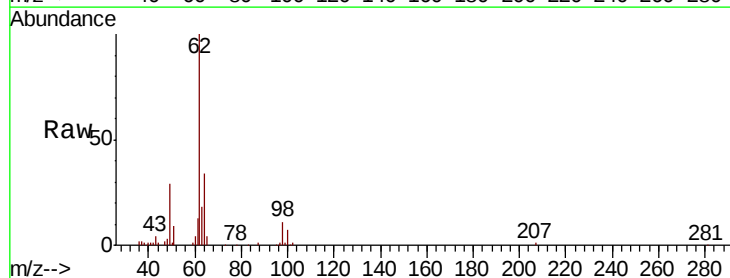


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

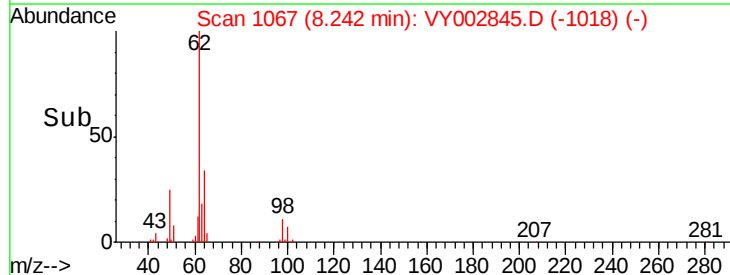
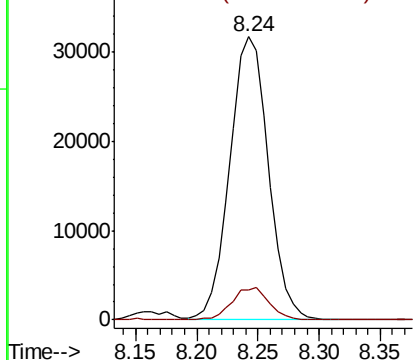


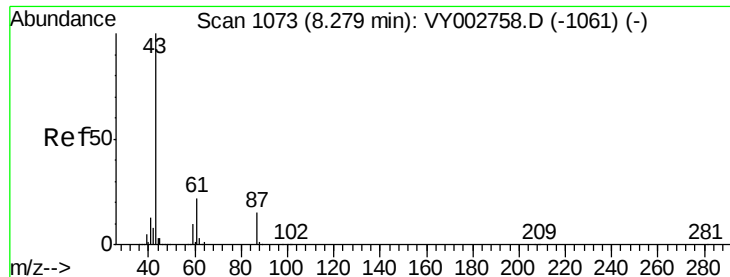
#42
1,2-Dichloroethane
Concen: 21.689 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY002845.D
Acq: 05 Jun 2020 13:52

Tgt Ion:	62	Resp:	69476
Ion	Ratio	Lower	Upper
62	100		
98	11.1	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: 21.373 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VY002845.D

Acq: 05 Jun 2020 13:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0605SBS01

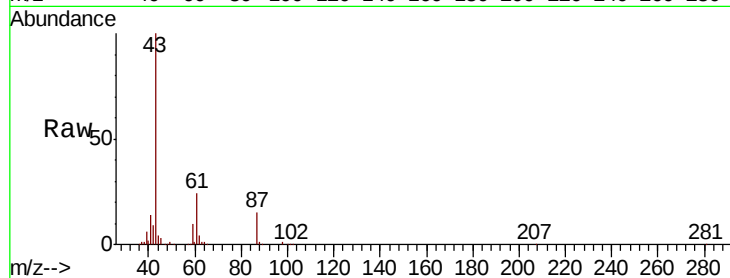
Tot Ion: 43 Resp: 85242

Ion Ratio Lower Upper

43 100

61 31.6 24.8 37.2

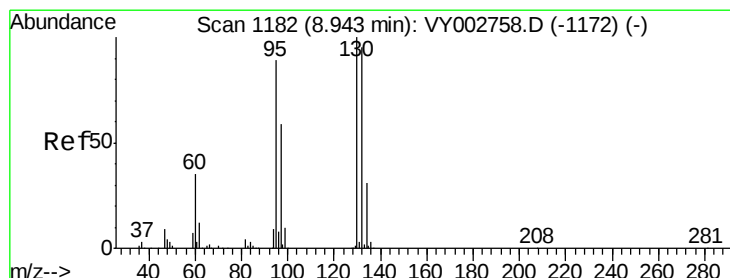
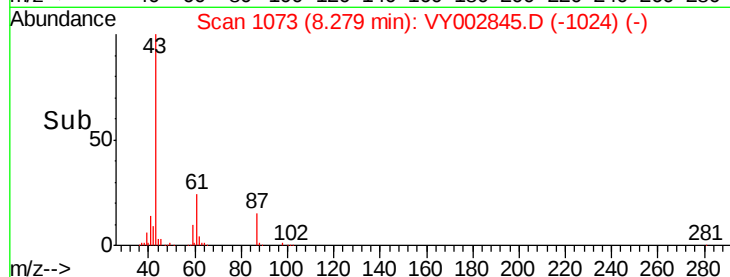
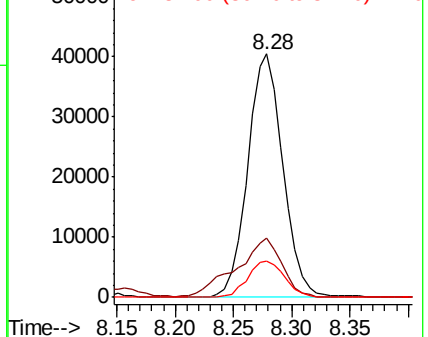
87 15.7 12.4 18.6



Abundance Ion 43.00 (42.70 to 43.70): VY002758.D (-1061) (-)

Ion 61.00 (60.70 to 61.70): VY002758.D (-1061) (-)

Ion 87.00 (86.70 to 87.70): VY002758.D (-1061) (-)



#44

Trichloroethene

Concen: 21.499 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VY002845.D

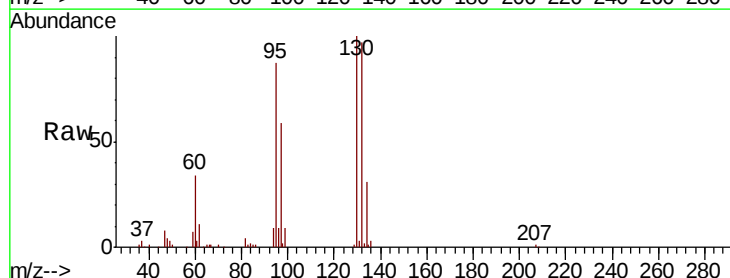
Acq: 05 Jun 2020 13:52

Tgt Ion: 130 Resp: 77619

Ion Ratio Lower Upper

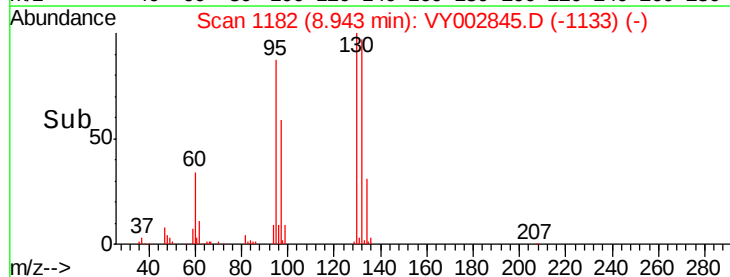
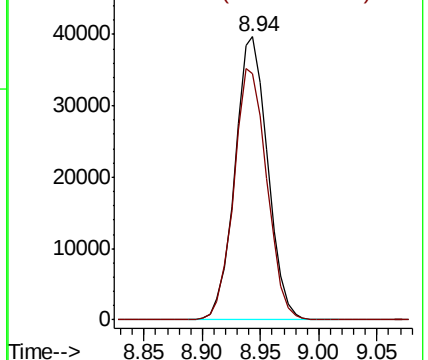
130 100

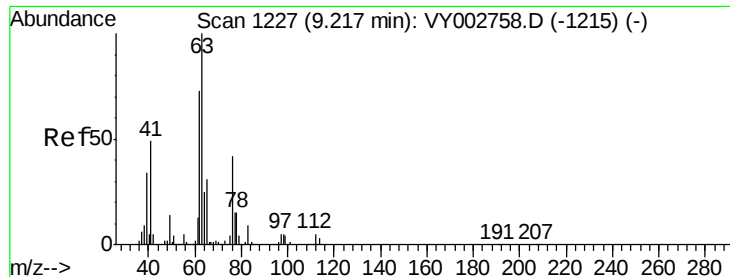
95 87.2 0.0 178.8



Abundance Ion 129.80 (129.50 to 130.50): VY002758.D (-1172) (-)

Ion 94.90 (94.60 to 95.60): VY002758.D (-1172) (-)

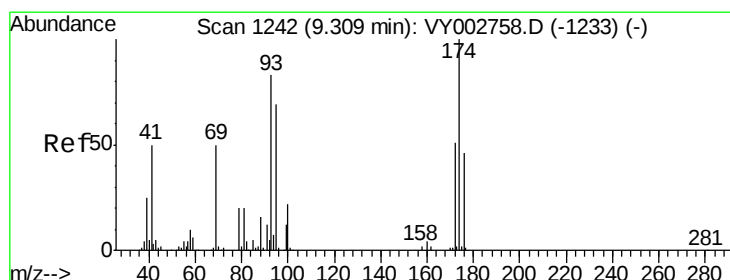
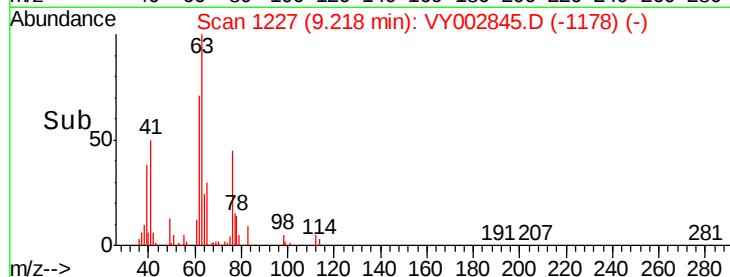
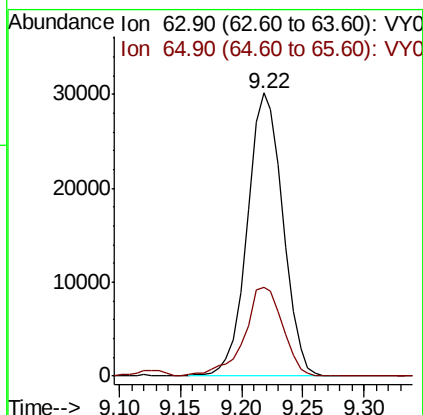
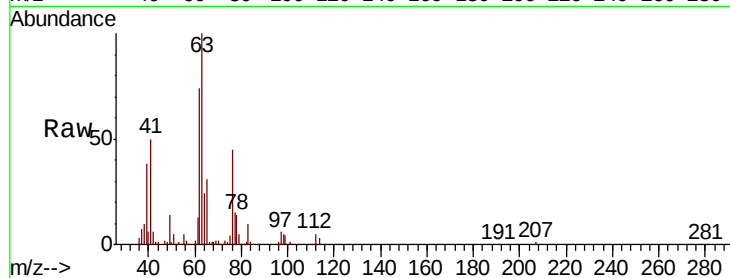




#45
 1,2-Dichloropropane
 Concen: 22.237 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY002845.D
 Acq: 05 Jun 2020 13:52

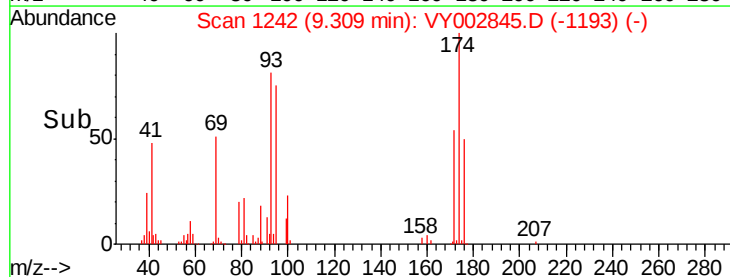
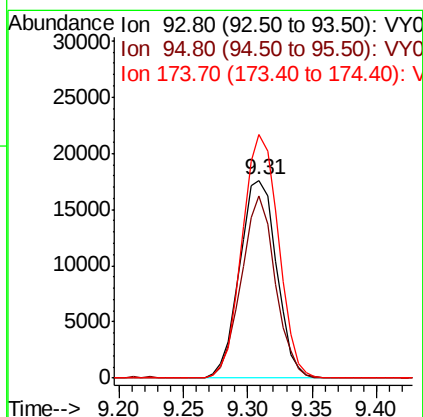
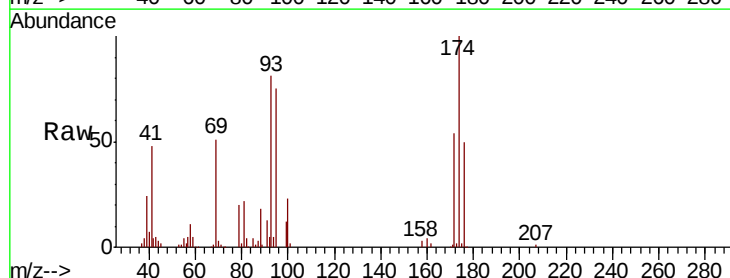
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0605SBS01

Tot Ion: 63 Resp: 60953
 Ion Ratio Lower Upper
 63 100
 65 31.2 24.8 37.2



#46
 Dibromomethane
 Concen: 21.500 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY002845.D
 Acq: 05 Jun 2020 13:52

Tgt Ion: 93 Resp: 34999
 Ion Ratio Lower Upper
 93 100
 95 84.6 66.9 100.3
 174 120.6 97.7 146.5





#47

Bromodichloromethane

Concen: 21.955 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY002845.D

Acq: 05 Jun 2020 13:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0605SBS01

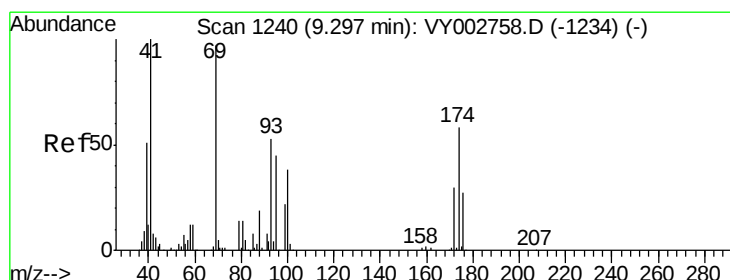
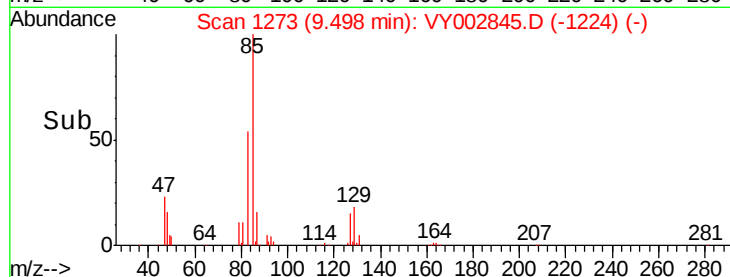
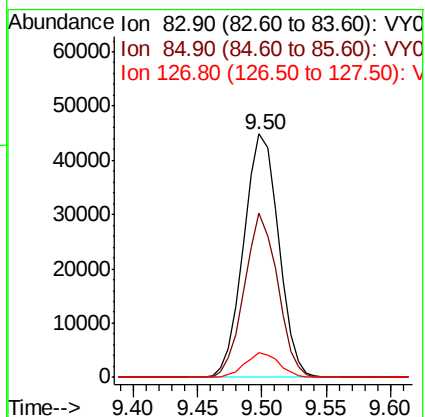
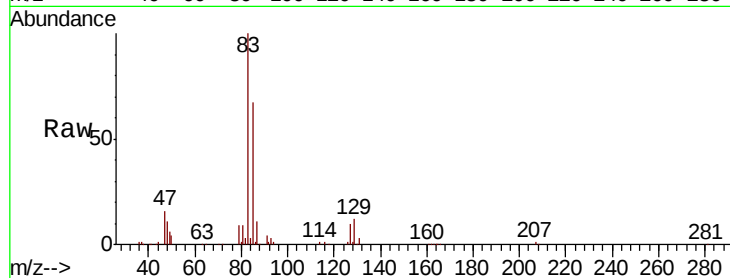
Tot Ion: 83 Resp: 84256

Ion Ratio Lower Upper

83 100

85 67.3 51.9 77.9

127 10.3 7.1 10.7



#48

Methyl methacrylate

Concen: 21.541 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VY002845.D

Acq: 05 Jun 2020 13:52

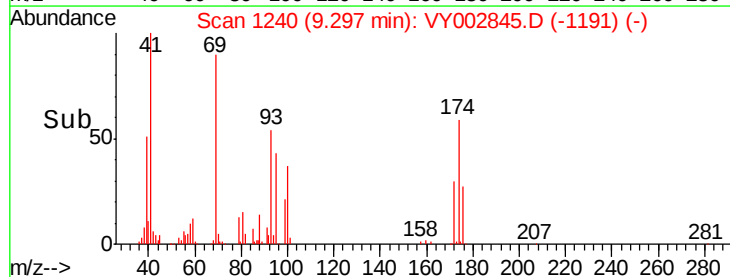
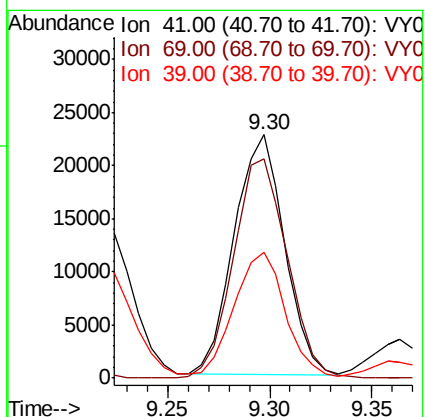
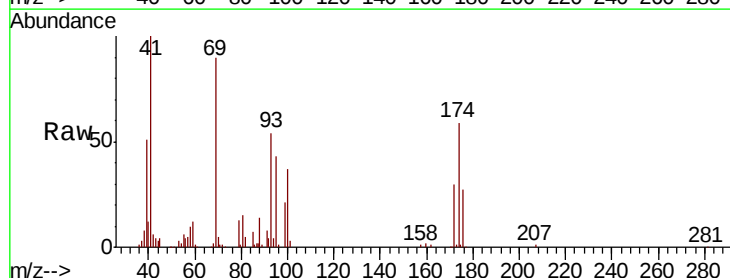
Tgt Ion: 41 Resp: 38783

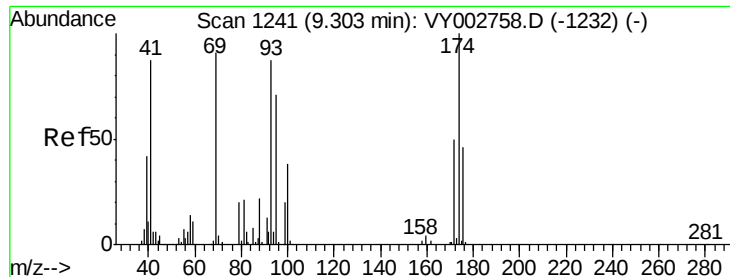
Ion Ratio Lower Upper

41 100

69 97.4 79.7 119.5

39 53.8 43.3 64.9





#49

1,4-Dioxane

Concen: 425.284 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. 0.00 min

Lab File: VY002845.D

Acq: 05 Jun 2020 13:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0605SBS01

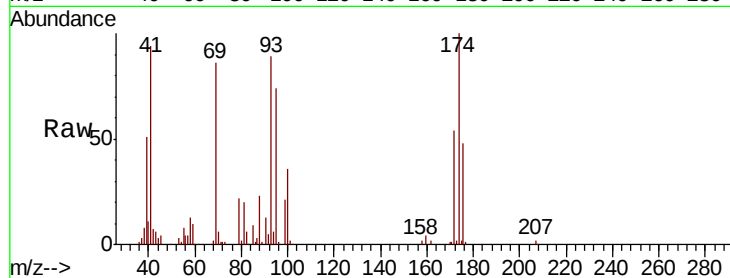
Tot Ion: 88 Resp: 10630

Ion Ratio Lower Upper

88 100

43 25.9 21.3 31.9

58 64.7 52.2 78.2



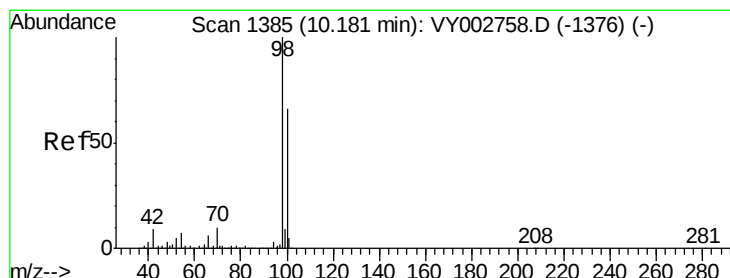
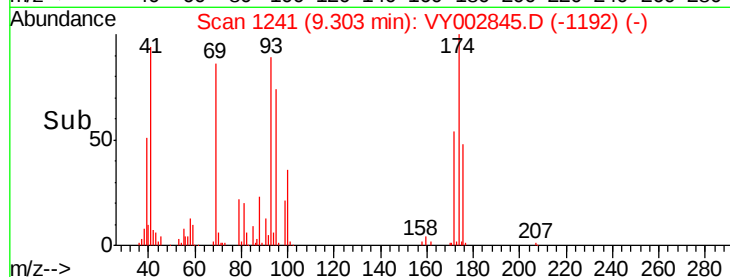
Abundance

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

Time-->



#50

Toluene-d8

Concen: 50.224 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY002845.D

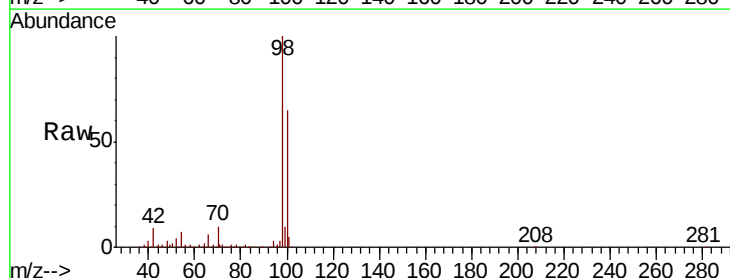
Acq: 05 Jun 2020 13:52

Tgt Ion: 98 Resp: 546498

Ion Ratio Lower Upper

98 100

100 65.3 52.2 78.2

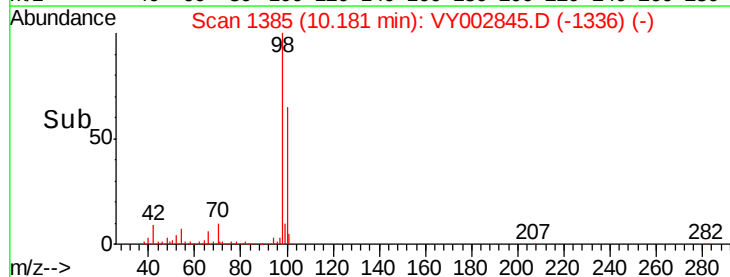


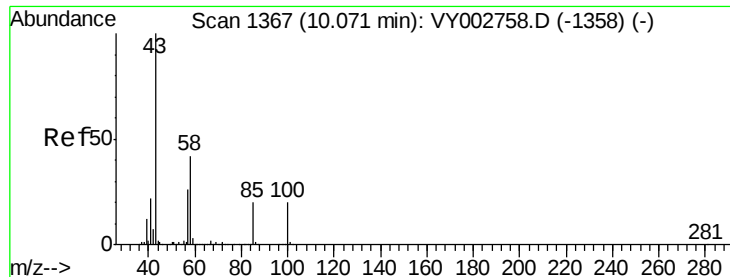
Abundance

Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0

Time-->

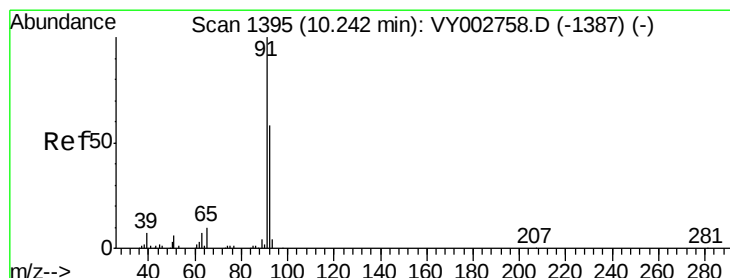
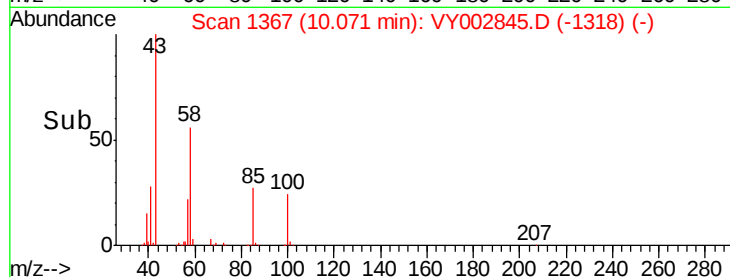
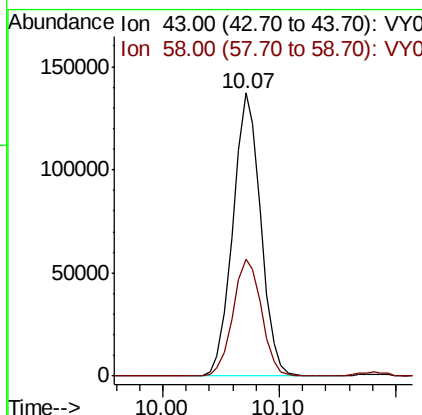
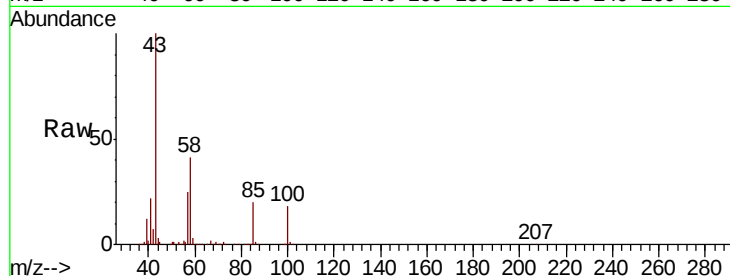




#51
4-Methyl-2-Pentanone
Concen: 108.266 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VY002845.D
Acq: 05 Jun 2020 13:52

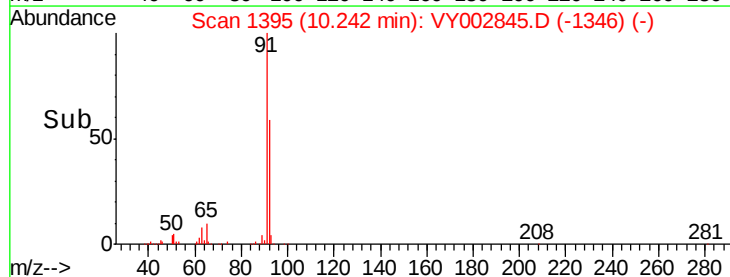
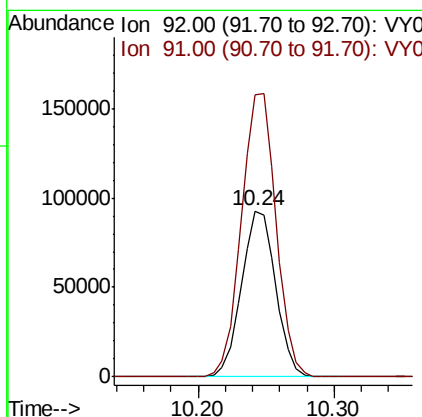
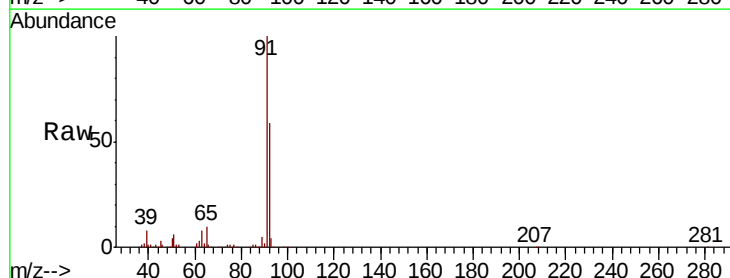
Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBS01

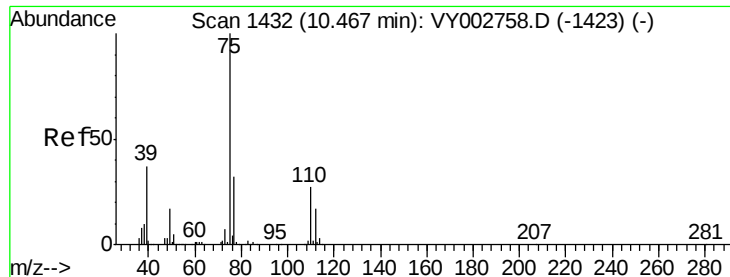
Tot Ion: 43 Resp: 228646
Ion Ratio Lower Upper
43 100
58 42.4 34.2 51.2



#52
Toluene
Concen: 21.799 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. 0.00 min
Lab File: VY002845.D
Acq: 05 Jun 2020 13:52

Tgt Ion: 92 Resp: 162997
Ion Ratio Lower Upper
92 100
91 173.0 138.5 207.7





#53

t-1,3-Dichloropropene

Concen: 21.754 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY002845.D

Acq: 05 Jun 2020 13:52

Instrument :

MSVOA_Y

ClientSampleId :

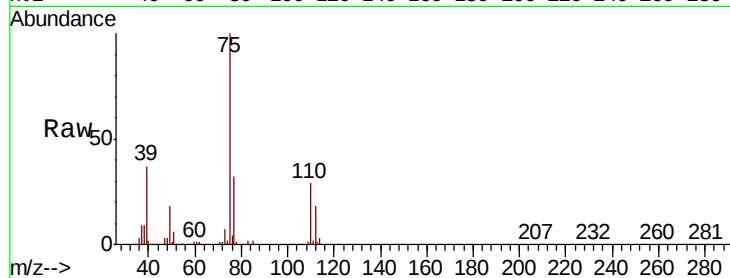
VY0605SBS01

Tot Ion: 75 Resp: 91185

Ion Ratio Lower Upper

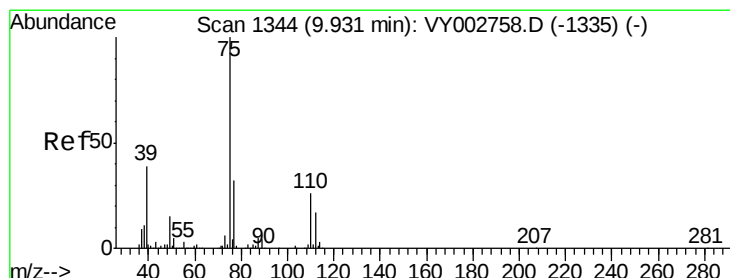
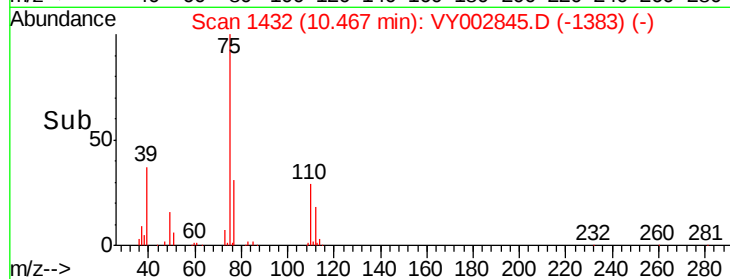
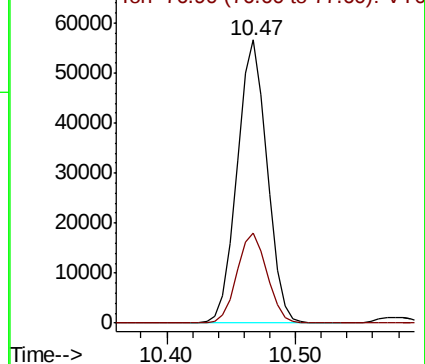
75 100

77 31.7 25.3 37.9



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 21.801 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY002845.D

Acq: 05 Jun 2020 13:52

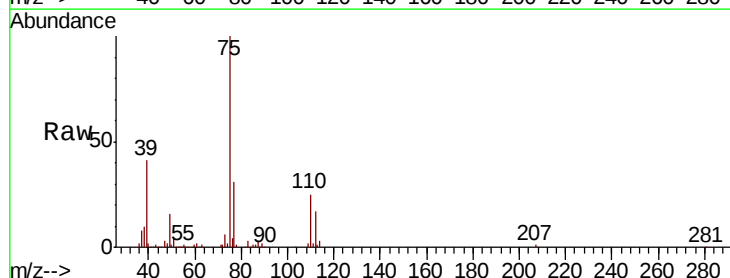
Tgt Ion: 75 Resp: 103546

Ion Ratio Lower Upper

75 100

77 30.8 25.6 38.4

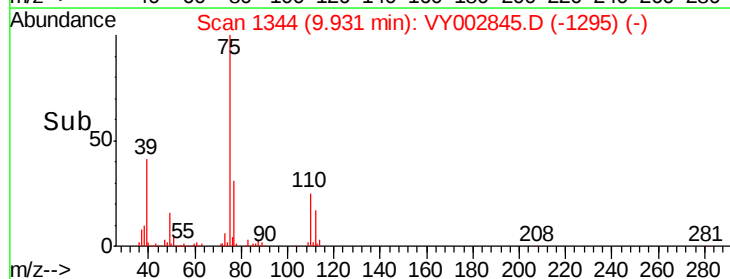
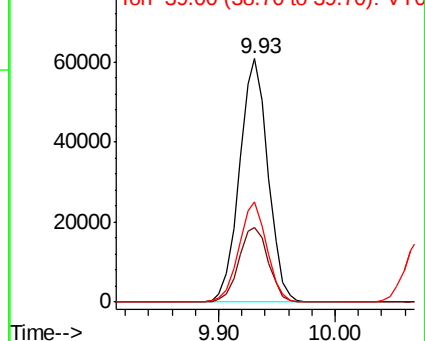
39 41.2 31.3 46.9

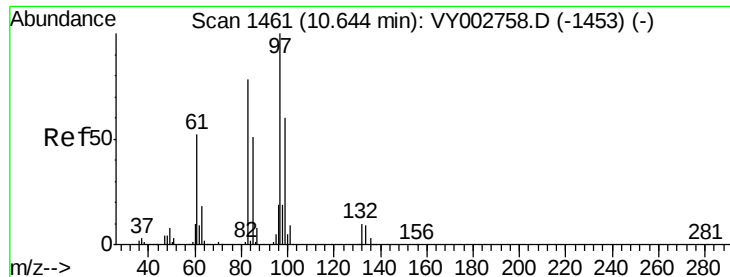


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

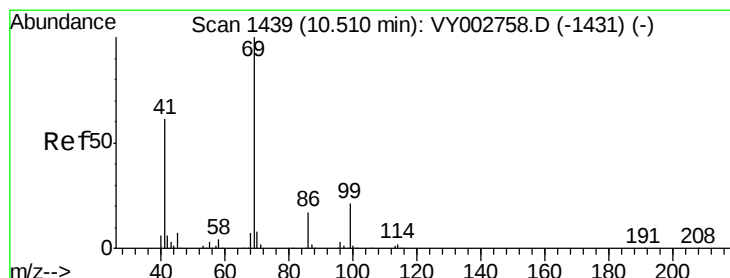
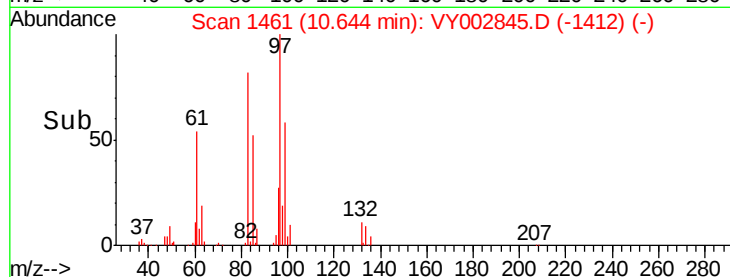
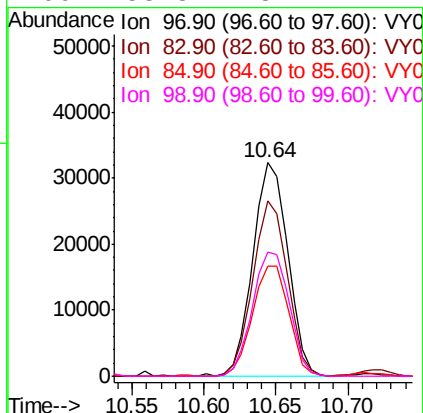
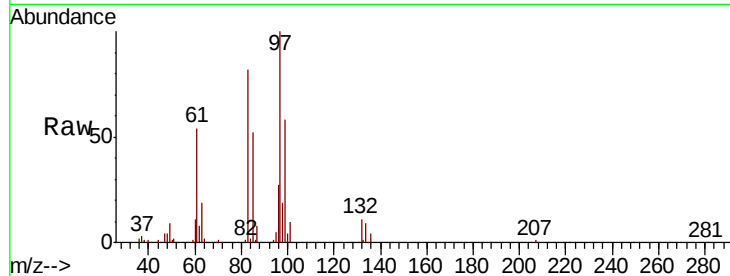




#55
 1,1,2-Trichloroethane
 Concen: 21.876 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY002845.D
 Acq: 05 Jun 2020 13:52

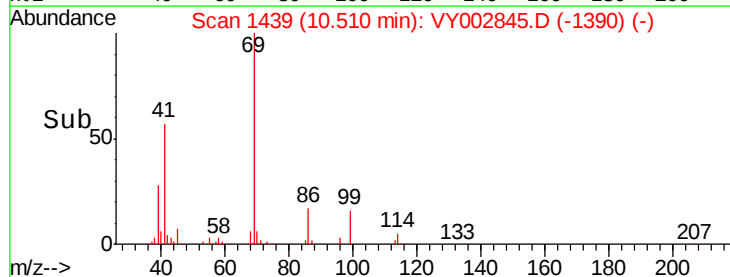
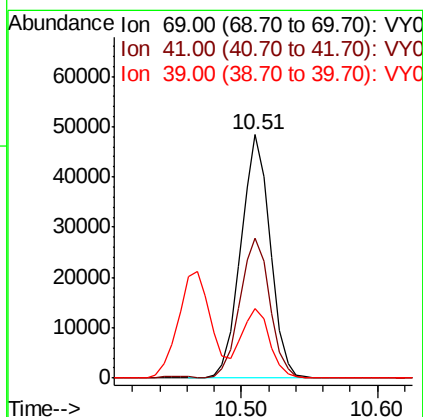
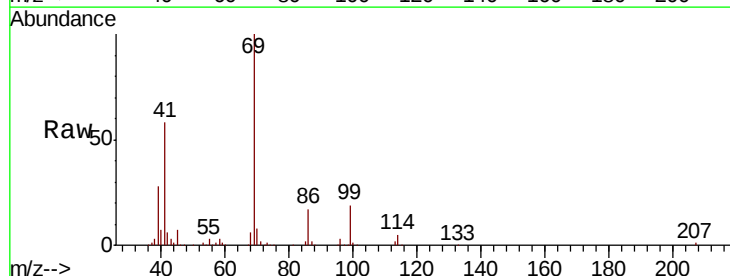
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0605SBS01

Tot Ion:	97	Resp:	54518
Ion	Ratio	Lower	Upper
97	100		
83	82.2	62.7	94.1
85	51.4	40.6	60.8
99	58.3	48.2	72.4



#56
 Ethyl methacrylate
 Concen: 21.747 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY002845.D
 Acq: 05 Jun 2020 13:52

Tgt Ion:	69	Resp:	72594
Ion	Ratio	Lower	Upper
69	100		
41	59.1	47.0	70.4
39	27.4	22.0	33.0





#57

1,3-Dichloropropane

Concen: 21.682 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY002845.D

Acq: 05 Jun 2020 13:52

Instrument :

MSVOA_Y

ClientSampleId :

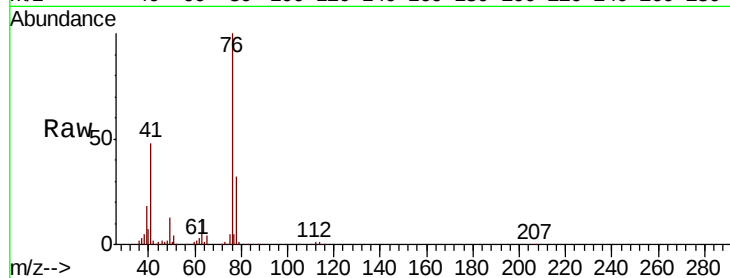
VY0605SBS01

Tot Ion: 76 Resp: 88875

Ion Ratio Lower Upper

76 100

78 33.2 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

10.79

60000

50000

40000

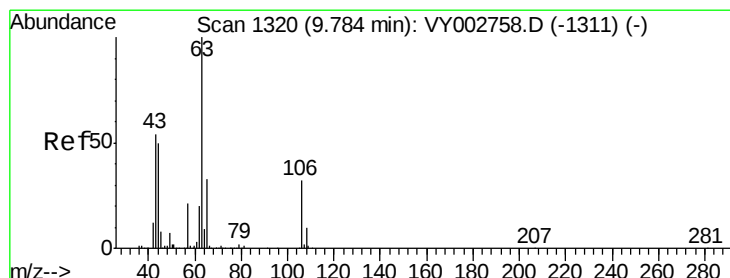
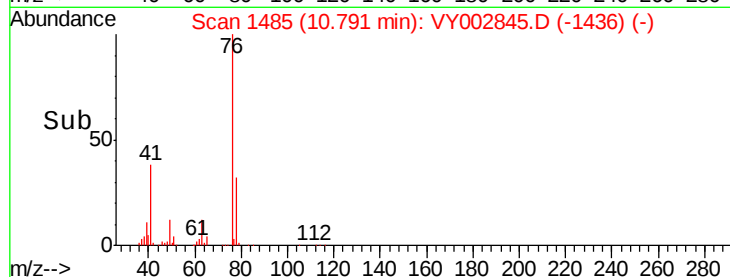
30000

20000

10000

0

Time--> 10.70 10.75 10.80 10.85



#58

2-Chloroethyl Vinyl ether

Concen: 108.673 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY002845.D

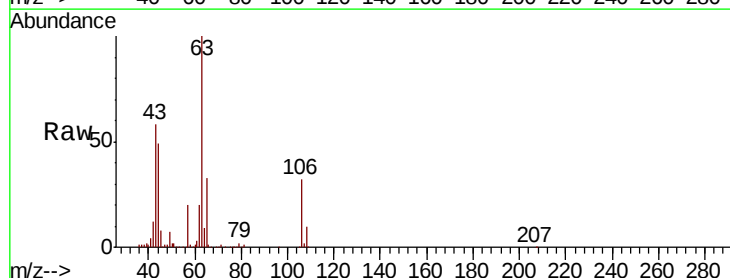
Acq: 05 Jun 2020 13:52

Tgt Ion: 63 Resp: 177252

Ion Ratio Lower Upper

63 100

106 31.4 25.4 38.2



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

9.78

120000

100000

80000

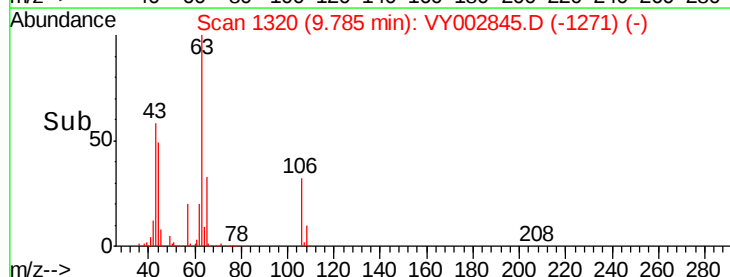
60000

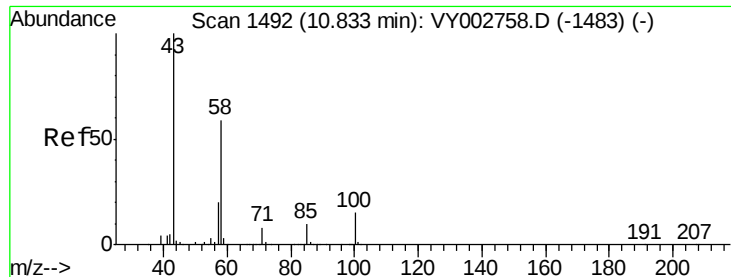
40000

20000

0

Time--> 9.70 9.80 9.90

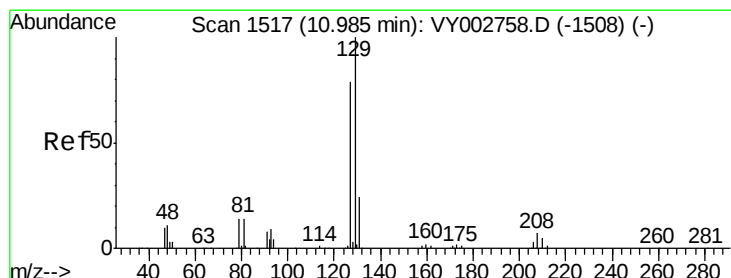
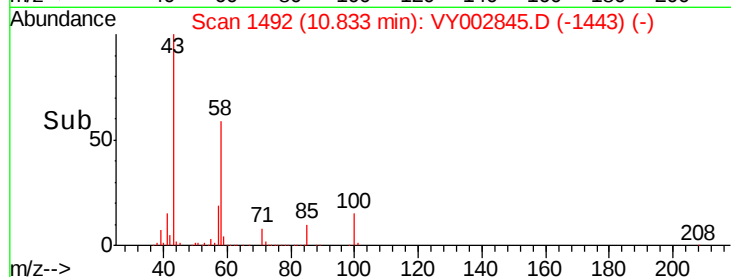
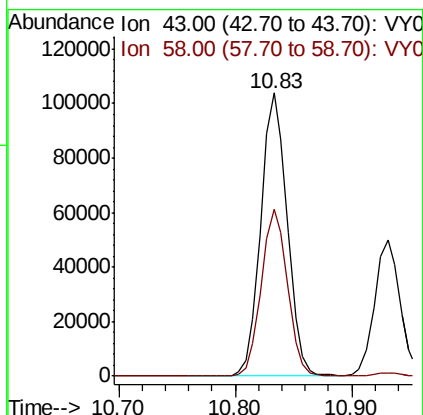
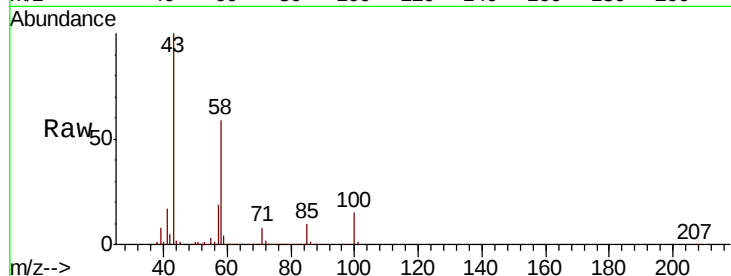




#59
2-Hexanone
Concen: 108.846 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY002845.D
Acq: 05 Jun 2020 13:52

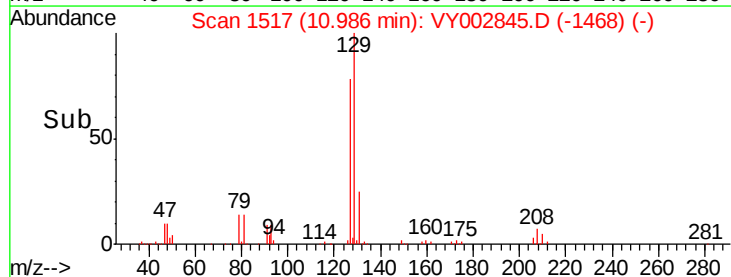
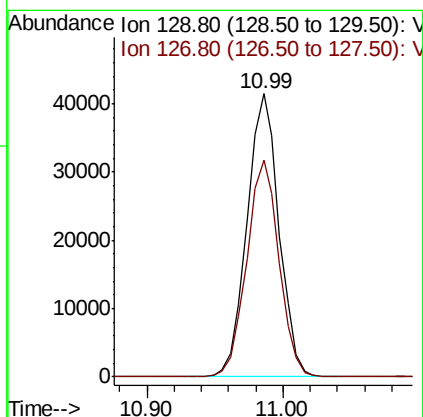
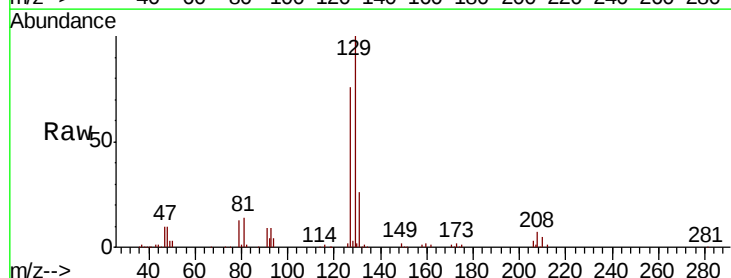
Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBS01

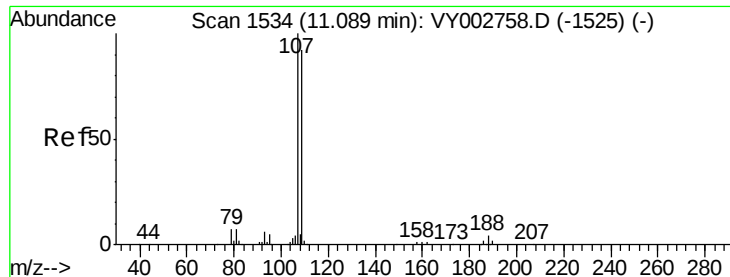
Tot Ion: 43 Resp: 163099
Ion Ratio Lower Upper
43 100
58 58.5 29.5 88.5



#60
Dibromochloromethane
Concen: 21.587 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY002845.D
Acq: 05 Jun 2020 13:52

Tgt Ion: 129 Resp: 68208
Ion Ratio Lower Upper
129 100
127 77.4 38.5 115.3

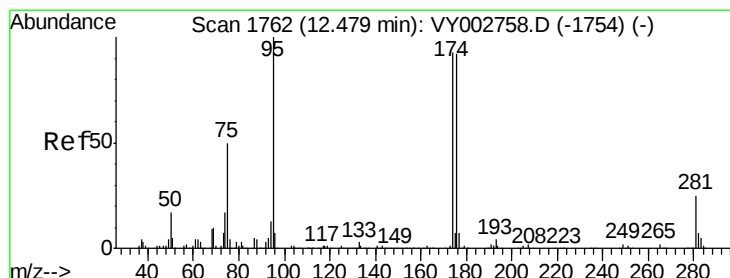
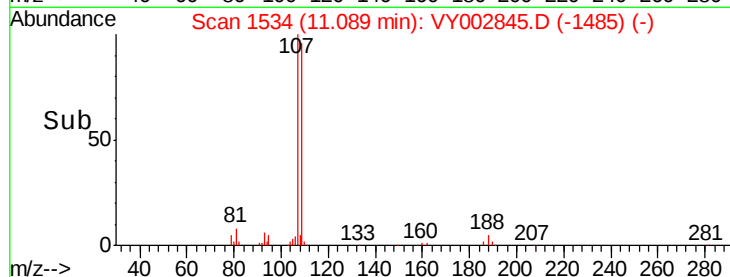
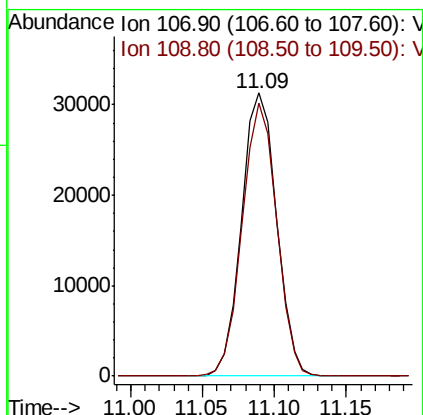
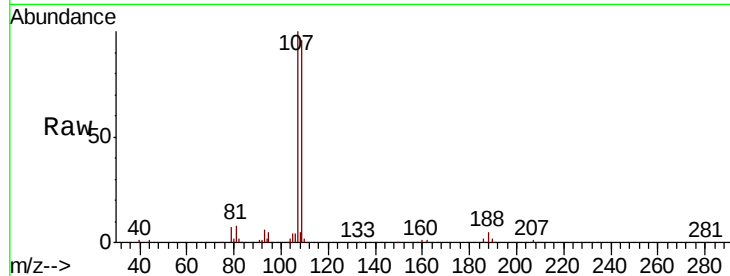




#61
 1,2-Dibromoethane
 Concen: 21.452 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY002845.D
 Acq: 05 Jun 2020 13:52

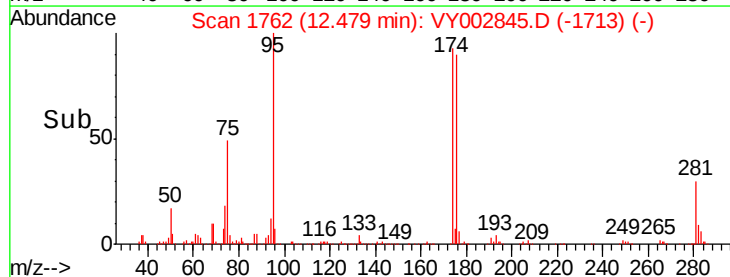
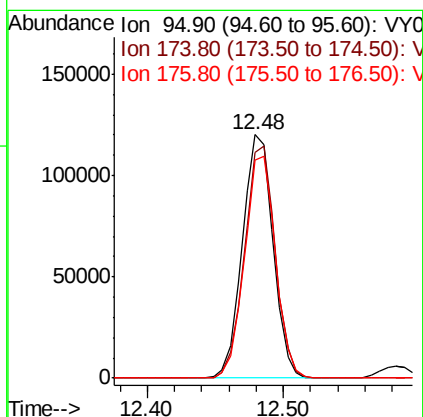
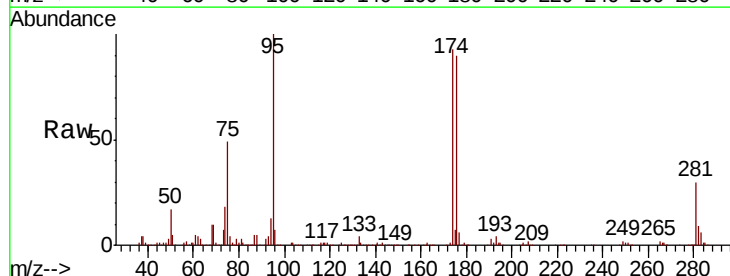
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0605SBS01

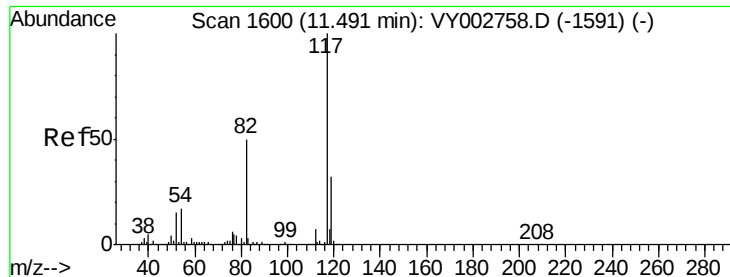
Tot Ion:107 Resp: 52737
 Ion Ratio Lower Upper
 107 100
 109 95.1 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 50.942 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY002845.D
 Acq: 05 Jun 2020 13:52

Tgt Ion: 95 Resp: 189436
 Ion Ratio Lower Upper
 95 100
 174 95.5 0.0 191.2
 176 92.2 0.0 188.8

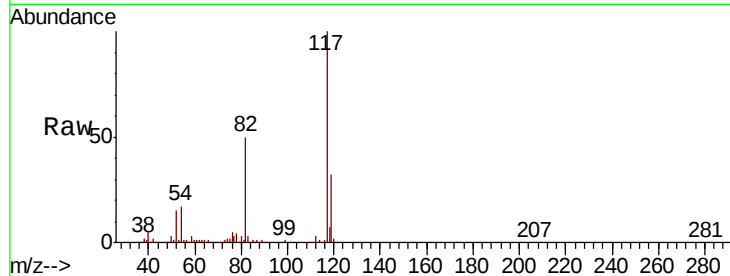




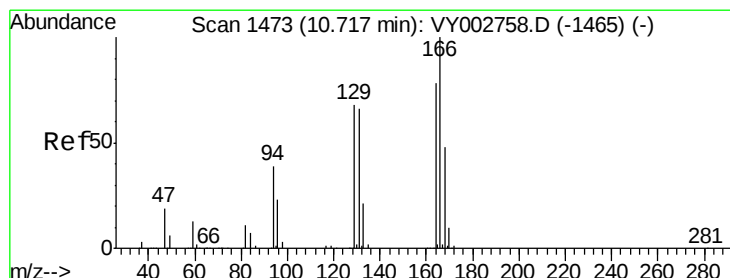
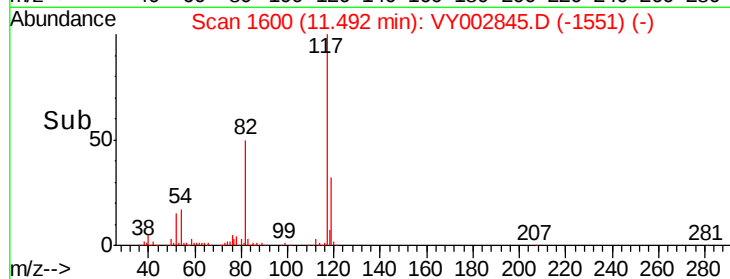
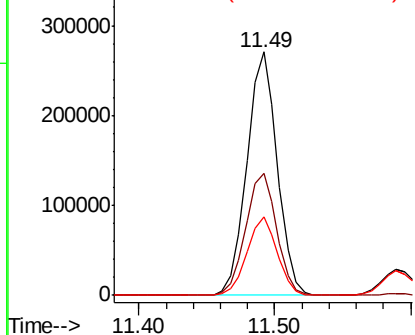
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002845.D
Acq: 05 Jun 2020 13:52

Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBS01

Tot Ion:117 Resp: 422184
Ion Ratio Lower Upper
117 100
82 50.3 40.2 60.4
119 32.2 25.8 38.8

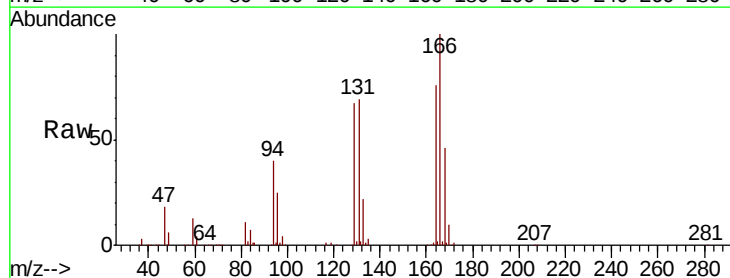


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

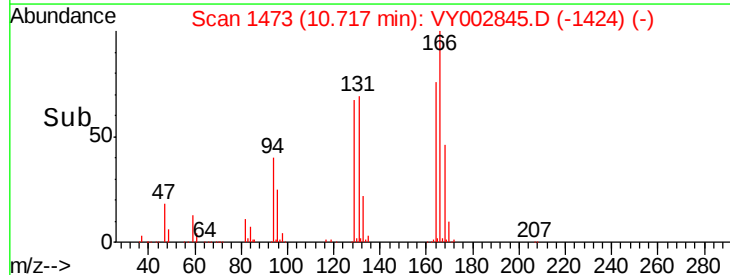
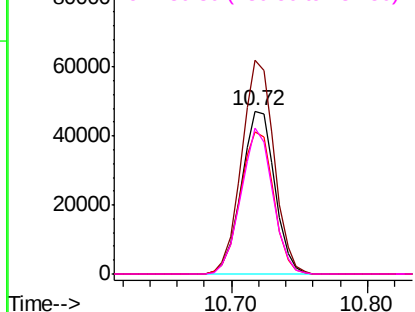


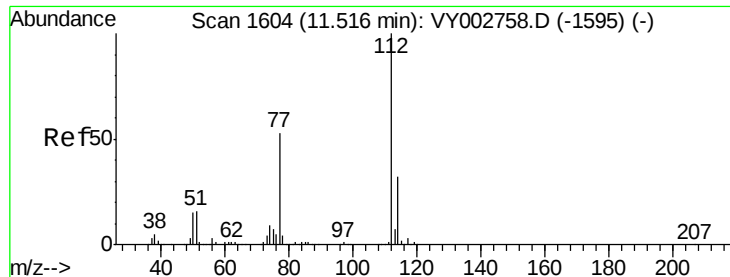
#64
Tetrachloroethene
Concen: 20.980 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY002845.D
Acq: 05 Jun 2020 13:52

Tgt Ion:164 Resp: 80501
Ion Ratio Lower Upper
164 100
166 131.2 102.3 153.5
129 87.6 69.4 104.2
131 90.0 67.8 101.6



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

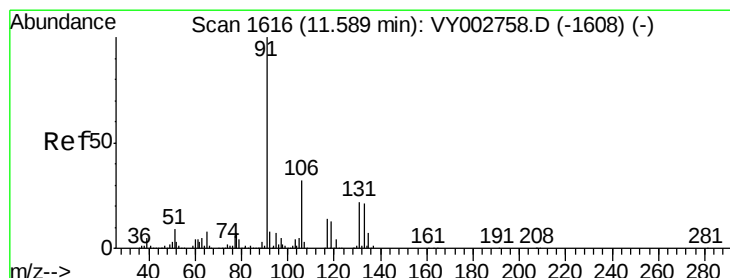
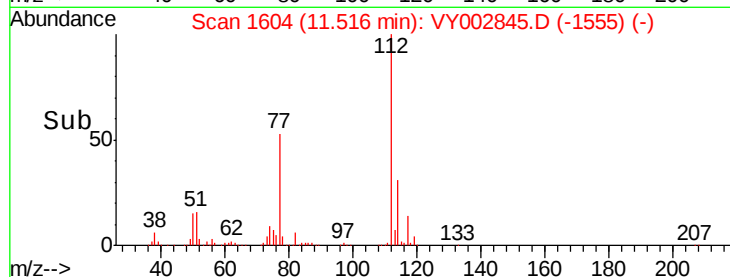
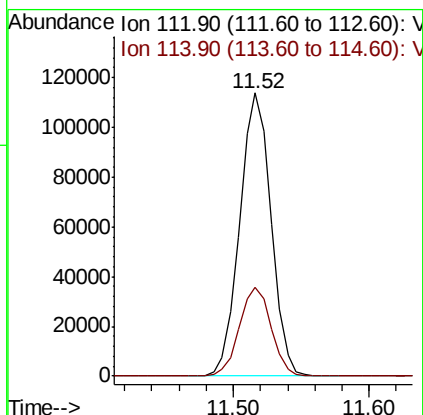
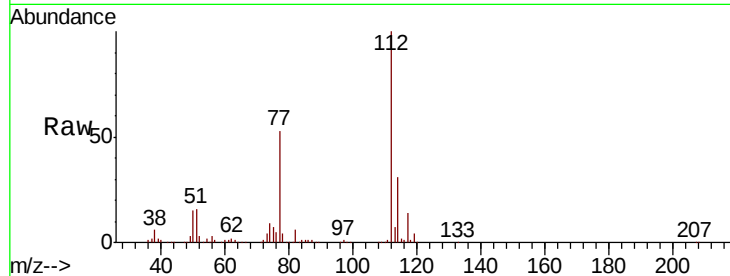




#65
Chlorobenzene
Concen: 21.913 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY002845.D
Acq: 05 Jun 2020 13:52

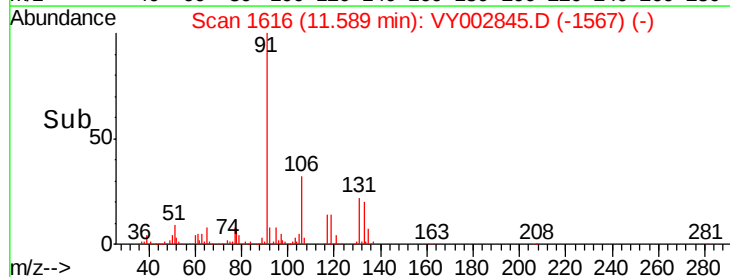
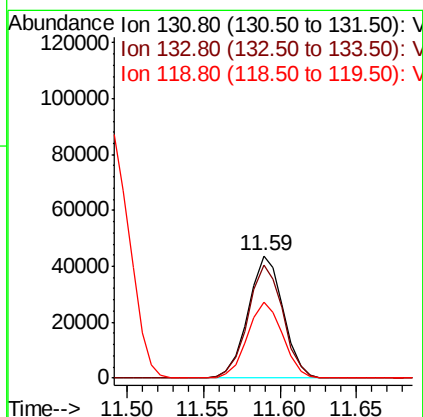
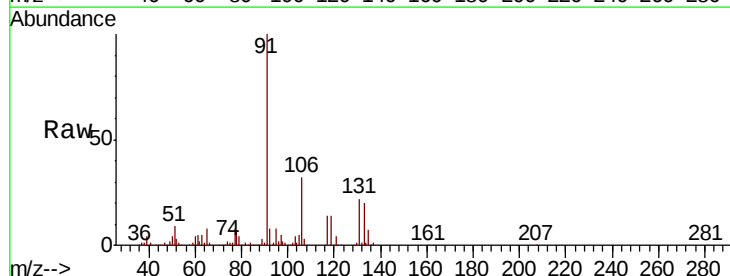
Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBS01

Tot Ion:112 Resp: 182853
Ion Ratio Lower Upper
112 100
114 31.3 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 22.190 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY002845.D
Acq: 05 Jun 2020 13:52

Tgt Ion:131 Resp: 69737
Ion Ratio Lower Upper
131 100
133 92.9 47.6 142.8
119 62.3 31.7 95.1





#67

Ethyl Benzene

Concen: 22.024 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. 0.01 min

Lab File: VY002845.D

Acq: 05 Jun 2020 13:52

Instrument :

MSVOA_Y

ClientSampleId :

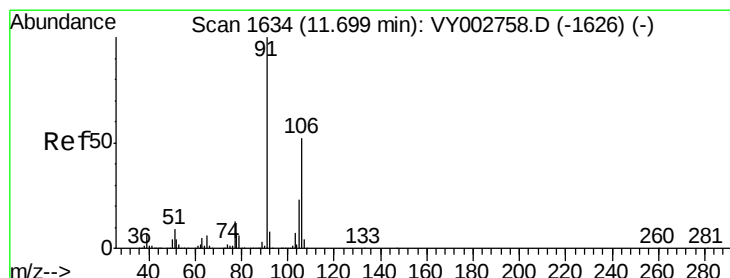
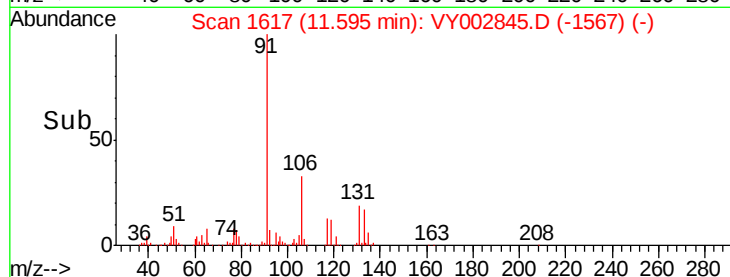
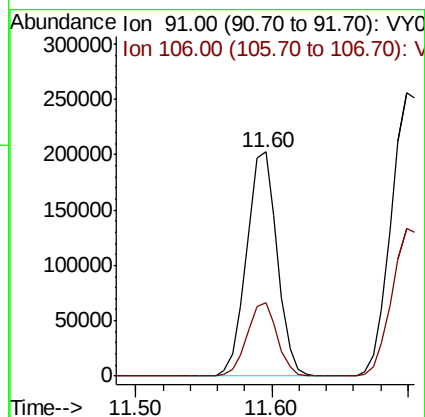
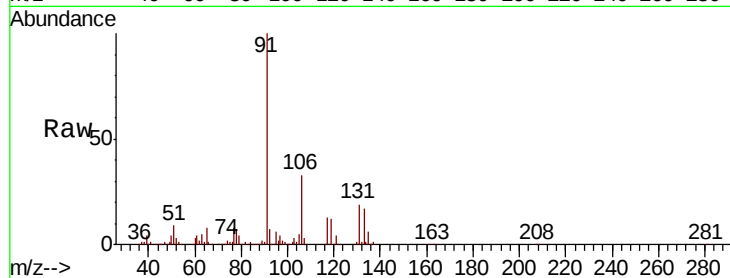
VY0605SBS01

Tot Ion: 91 Resp: 318601

Ion Ratio Lower Upper

91 100

106 32.5 25.7 38.5



#68

m/p-Xylenes

Concen: 43.906 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VY002845.D

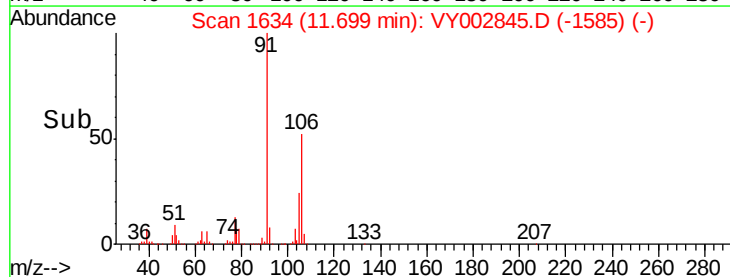
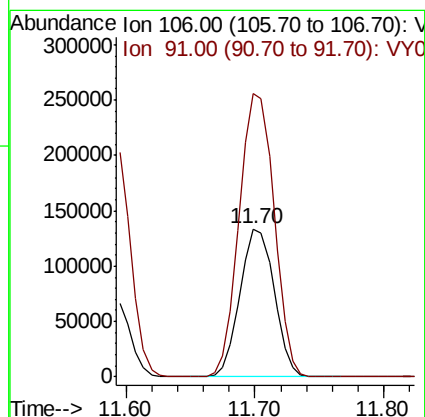
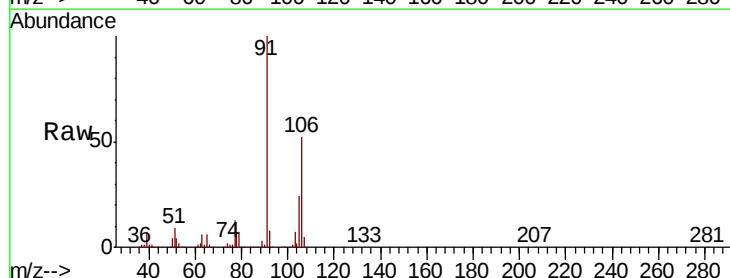
Acq: 05 Jun 2020 13:52

Tgt Ion: 106 Resp: 246262

Ion Ratio Lower Upper

106 100

91 195.6 156.0 234.0

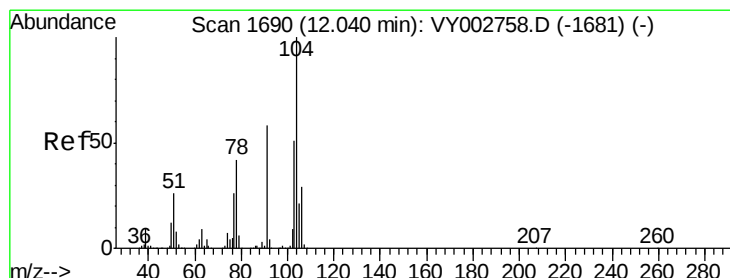
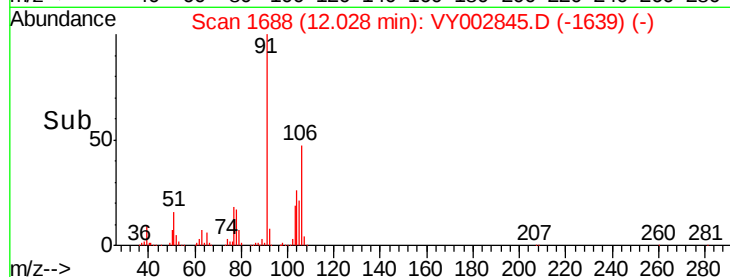
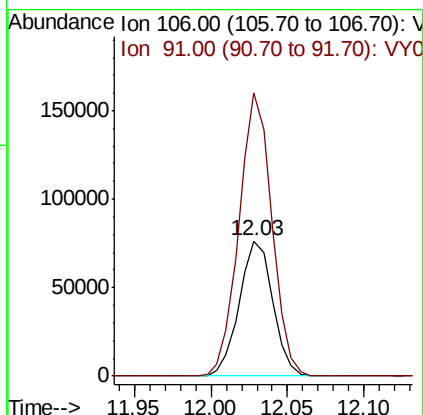
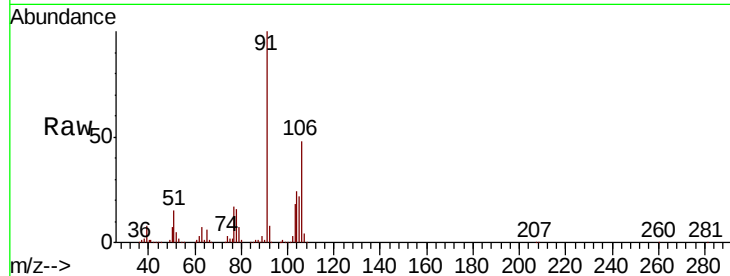




#69
o-Xylene
Concen: 21.895 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY002845.D
Acq: 05 Jun 2020 13:52

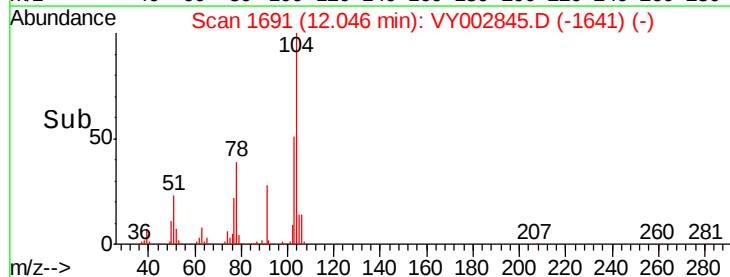
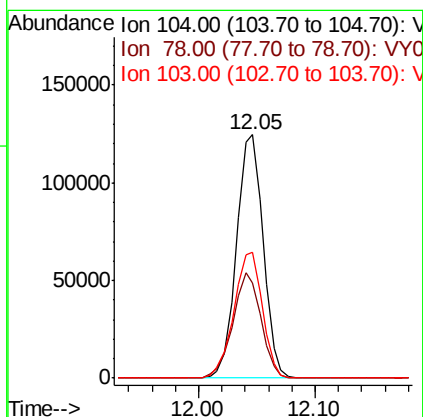
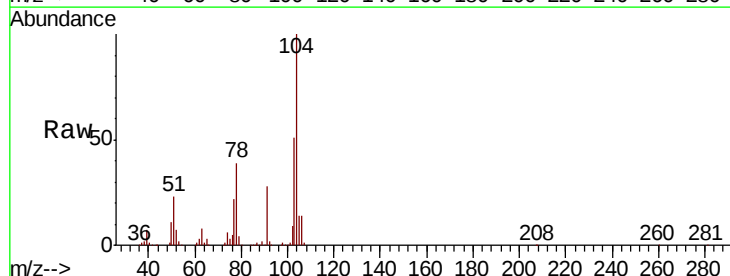
Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBS01

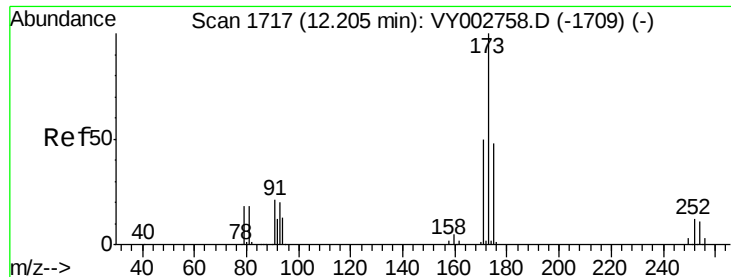
Tot Ion:106 Resp: 115933
Ion Ratio Lower Upper
106 100
91 205.9 102.4 307.1



#70
Styrene
Concen: 21.706 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY002845.D
Acq: 05 Jun 2020 13:52

Tgt Ion:104 Resp: 199241
Ion Ratio Lower Upper
104 100
78 45.6 36.2 54.4
103 55.4 43.6 65.4





#71

Bromoform

Concen: 21.640 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.01 min

Lab File: VY002845.D

Acq: 05 Jun 2020 13:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0605SBS01

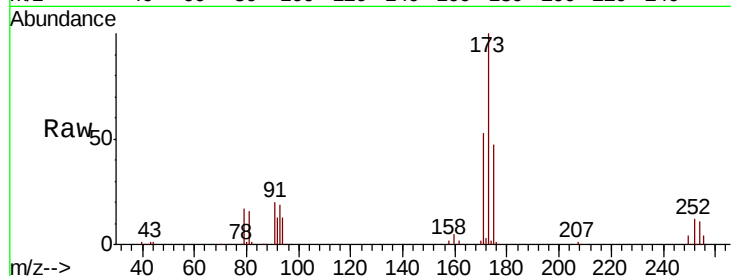
Tot Ion:173 Resp: 45506

Ion Ratio Lower Upper

173 100

175 49.1 24.3 72.8

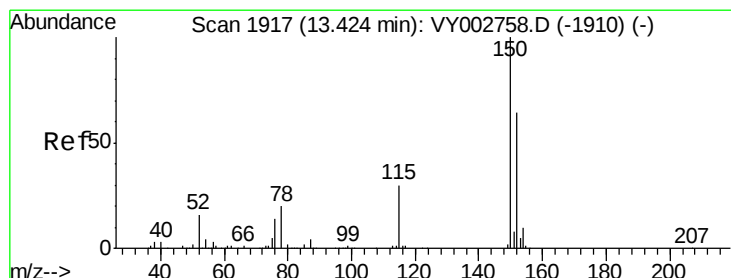
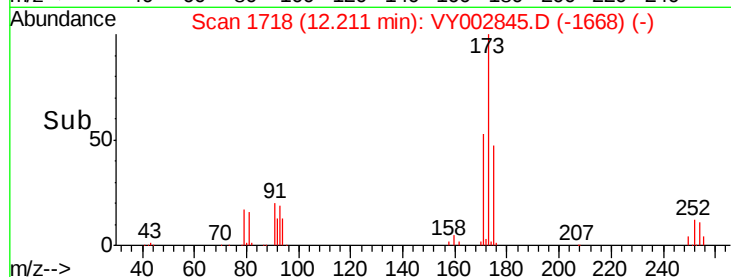
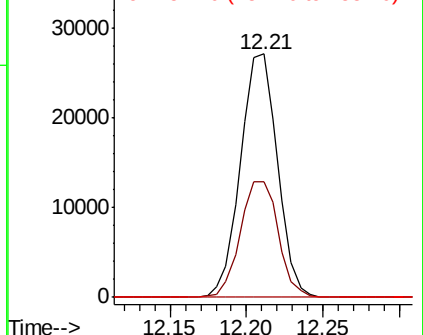
254 0.0 0.1 0.1#



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: VY002845.D

Acq: 05 Jun 2020 13:52

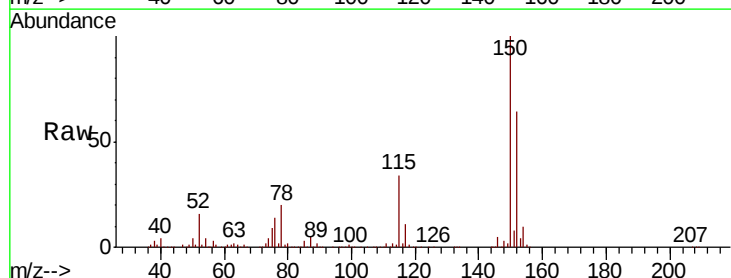
Tgt Ion:152 Resp: 231675

Ion Ratio Lower Upper

152 100

115 53.5 27.0 81.0

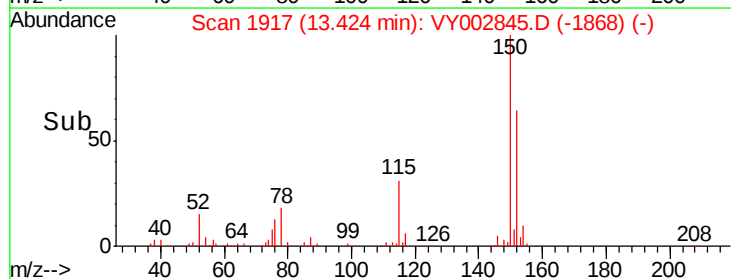
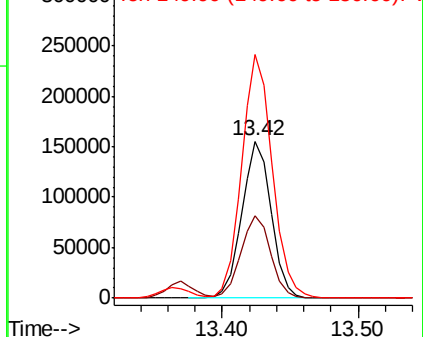
150 163.5 0.0 344.8

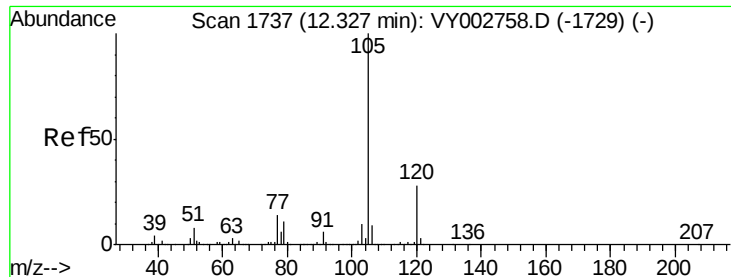


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.586 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY002845.D

Acq: 05 Jun 2020 13:52

Instrument :

MSVOA_Y

ClientSampleId :

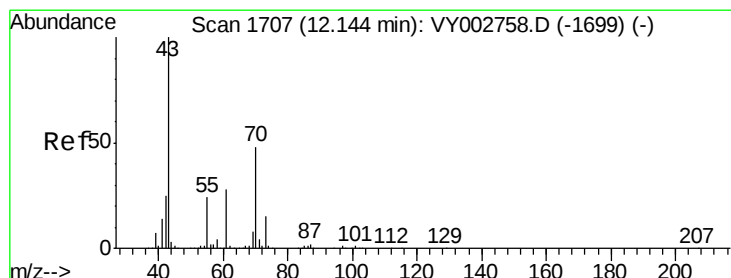
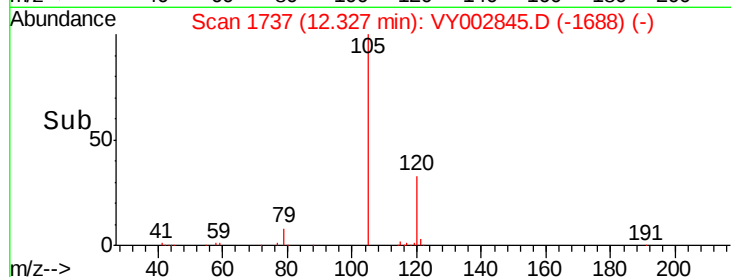
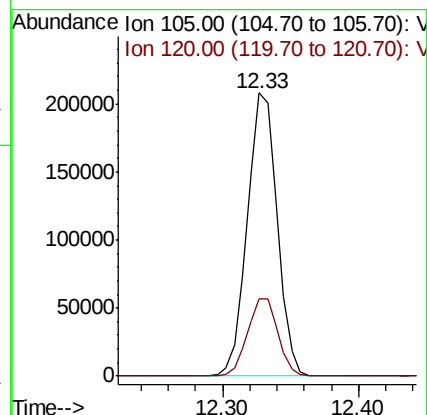
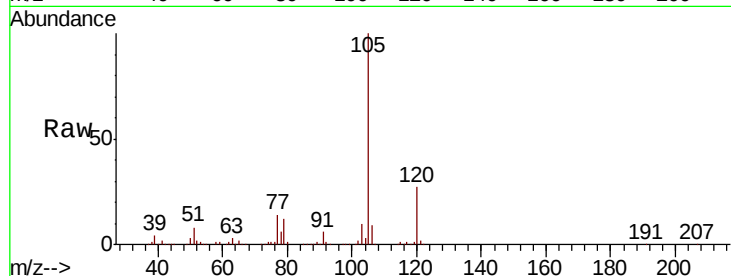
VY0605SBS01

Tot Ion:105 Resp: 320482

Ion Ratio Lower Upper

105 100

120 27.8 13.7 41.1



#74

N-ethyl acetate

Concen: 21.408 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY002845.D

Acq: 05 Jun 2020 13:52

Tgt Ion: 43 Resp: 81551

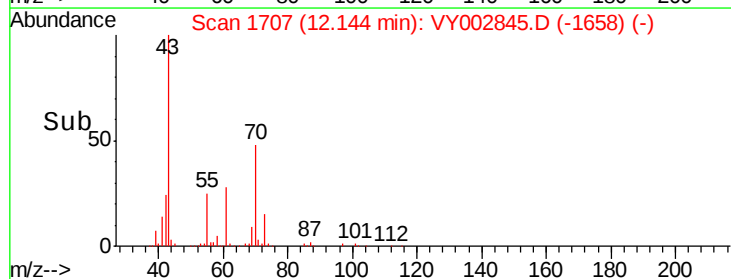
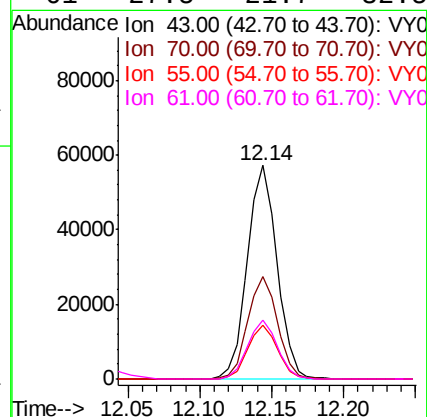
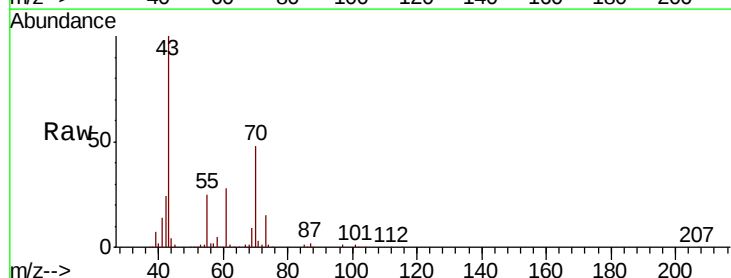
Ion Ratio Lower Upper

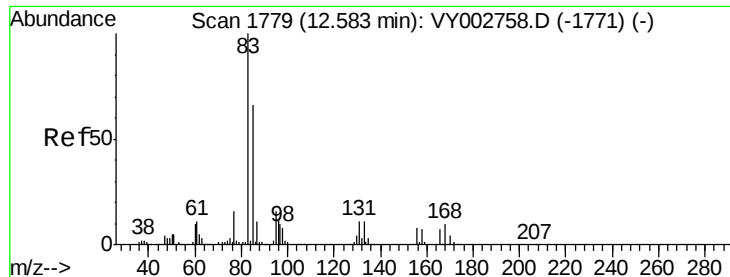
43 100

70 48.1 37.7 56.5

55 25.3 19.8 29.6

61 27.5 21.7 32.5





#75

1,1,2,2-Tetrachloroethane

Concen: 22.548 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY002845.D

Acq: 05 Jun 2020 13:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0605SBS01

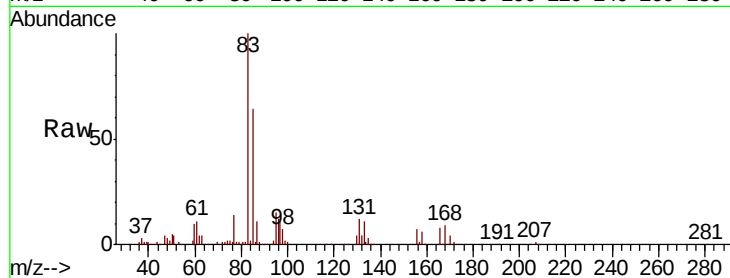
Tot Ion: 83 Resp: 58735

Ion Ratio Lower Upper

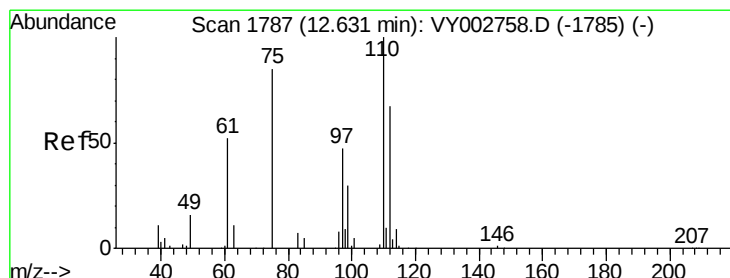
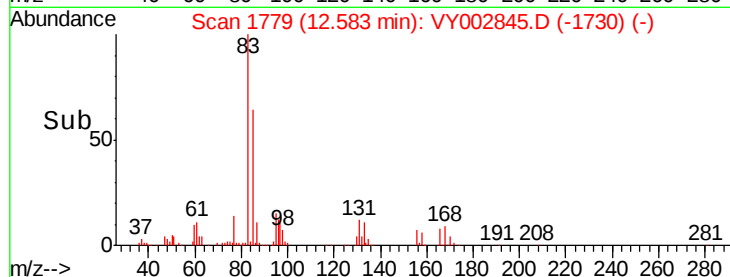
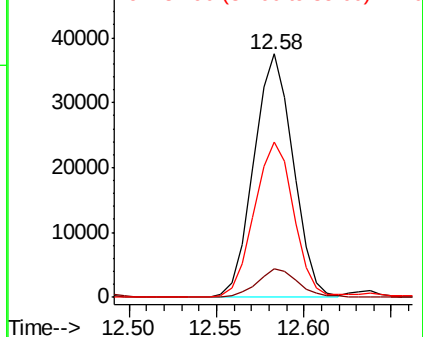
83 100

131 12.2 5.8 17.4

85 63.7 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: 40.144 ug/l

RT: 12.64 min Scan# 1788

Delta R.T. 0.01 min

Lab File: VY002845.D

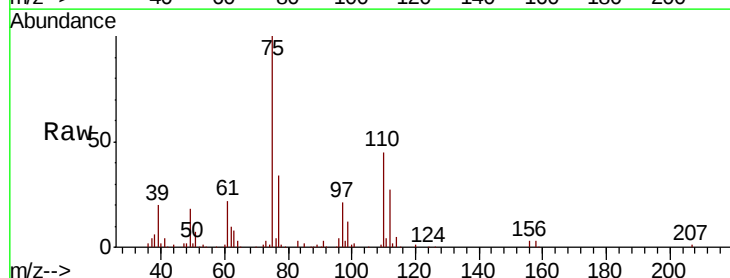
Acq: 05 Jun 2020 13:52

Tgt Ion: 75 Resp: 83802

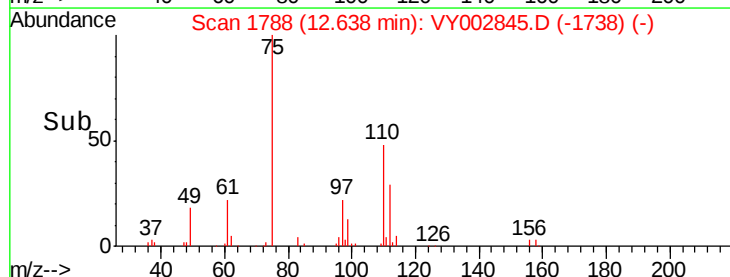
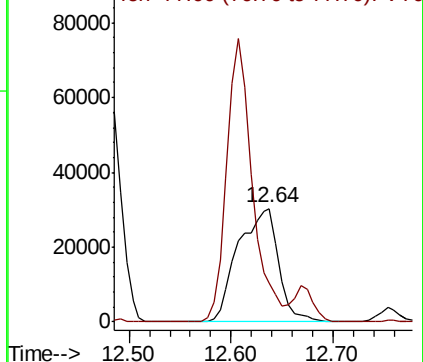
Ion Ratio Lower Upper

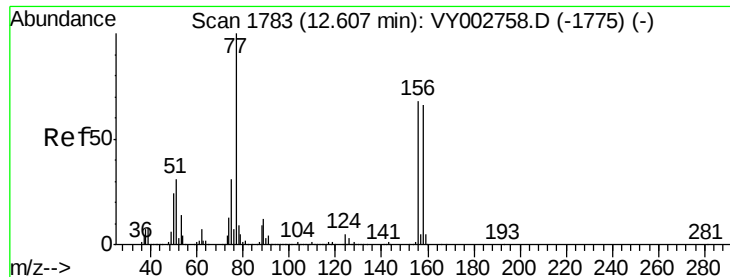
75 100

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: 21.150 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY002845.D

Acq: 05 Jun 2020 13:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0605SBS01

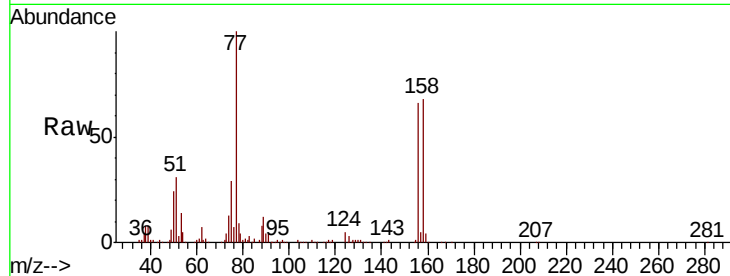
Tot Ion:156 Resp: 81764

Ion Ratio Lower Upper

156 100

77 161.5 81.4 244.2

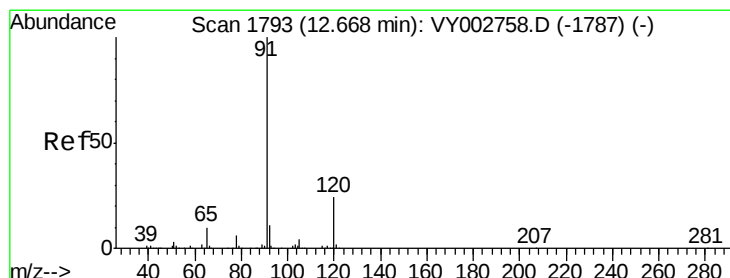
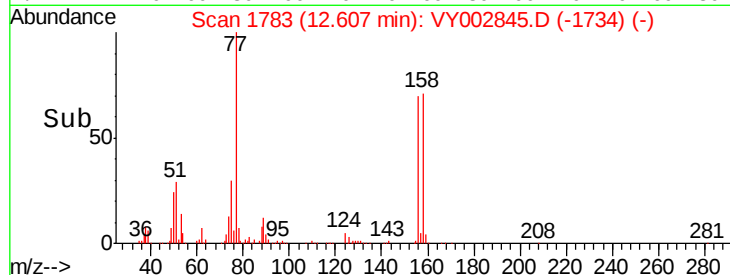
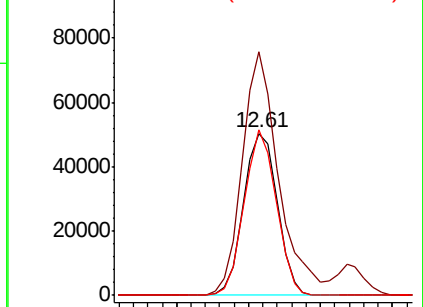
158 96.7 48.5 145.6



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: 21.738 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY002845.D

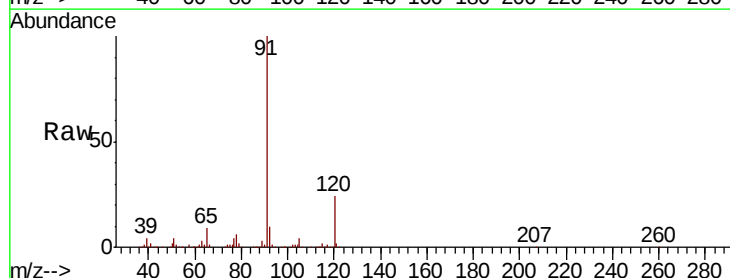
Acq: 05 Jun 2020 13:52

Tgt Ion: 91 Resp: 372796

Ion Ratio Lower Upper

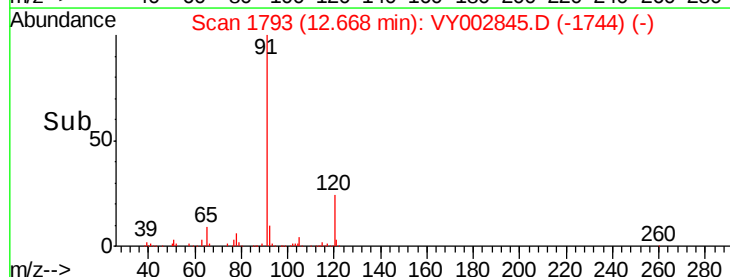
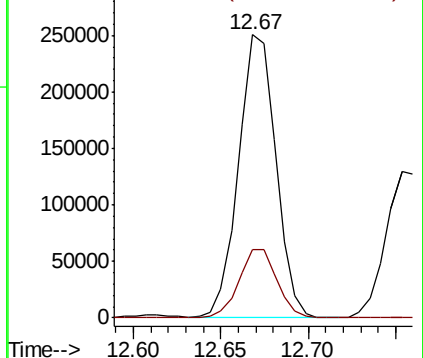
91 100

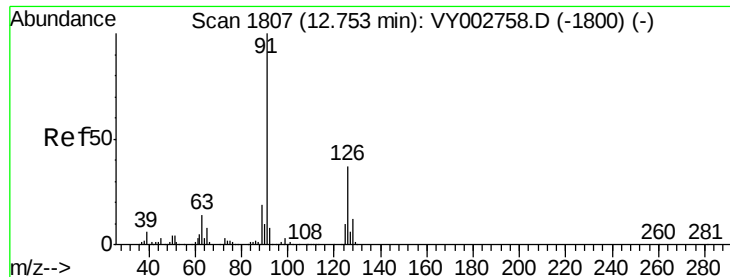
120 24.5 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

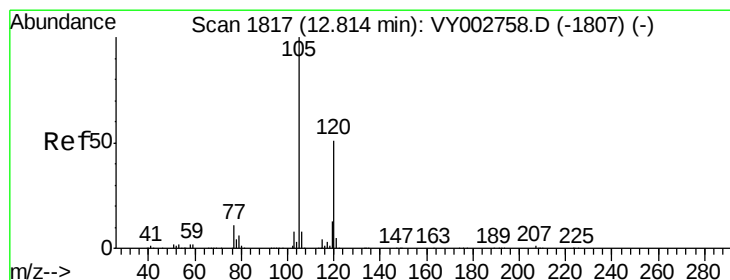
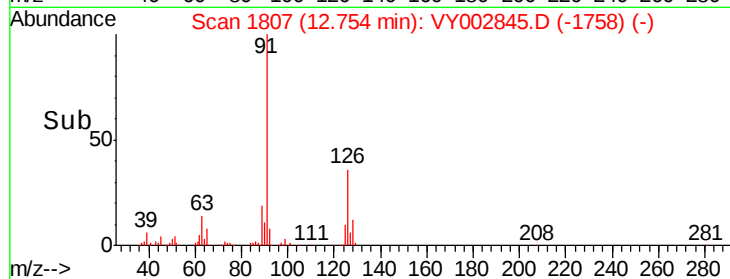
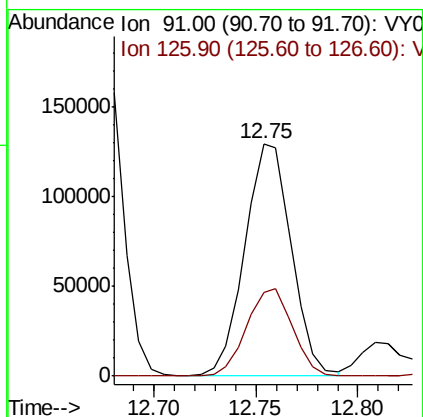
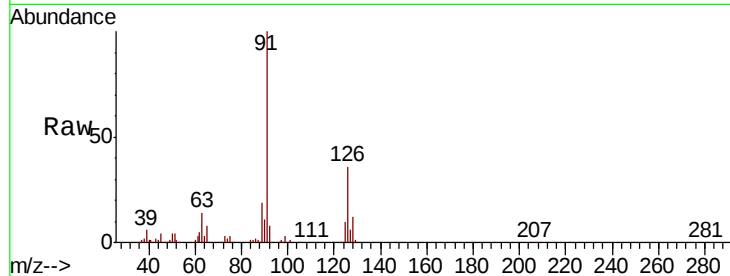




#79
 2-Chlorotoluene
 Concen: 21.338 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VY002845.D
 Acq: 05 Jun 2020 13:52

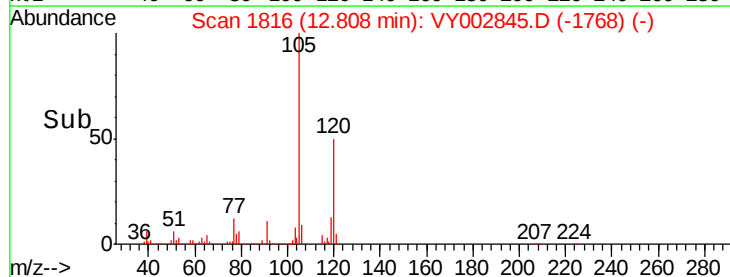
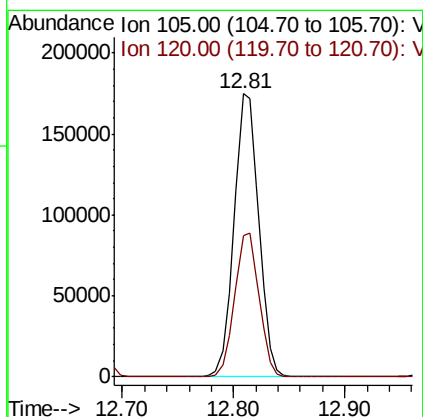
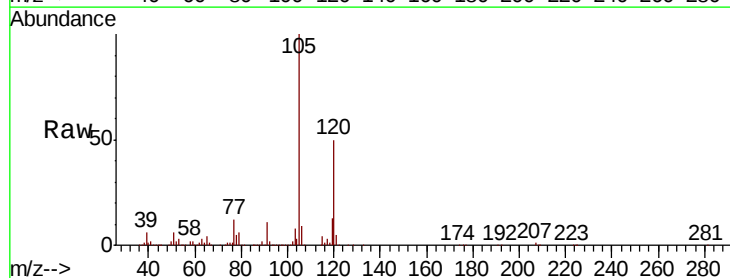
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0605SBS01

Tot Ion: 91 Resp: 205271
 Ion Ratio Lower Upper
 91 100
 126 37.2 18.4 55.4



#80
 1,3,5-Trimethylbenzene
 Concen: 21.533 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. -0.01 min
 Lab File: VY002845.D
 Acq: 05 Jun 2020 13:52

Tgt Ion: 105 Resp: 266931
 Ion Ratio Lower Upper
 105 100
 120 50.7 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 20.829 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VY002845.D

Acq: 05 Jun 2020 13:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0605SBS01

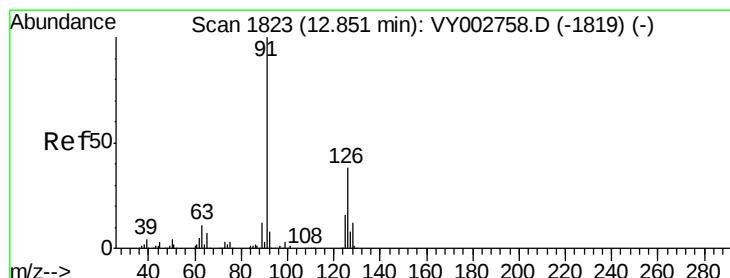
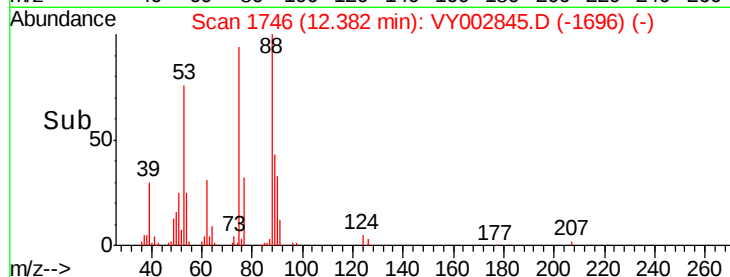
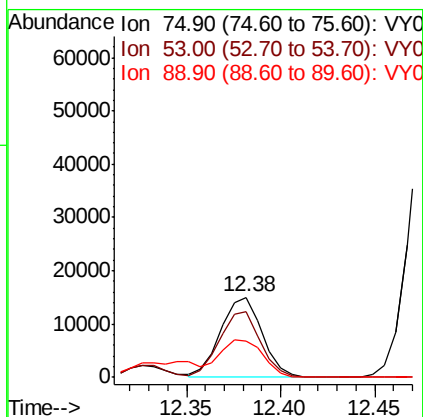
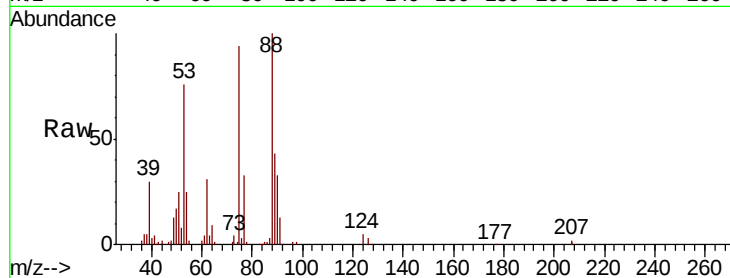
Tot Ion: 75 Resp: 23079

Ion Ratio Lower Upper

75 100

53 80.7 64.0 96.0

89 48.8 37.4 56.2



#82

4-Chlorotoluene

Concen: 21.577 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY002845.D

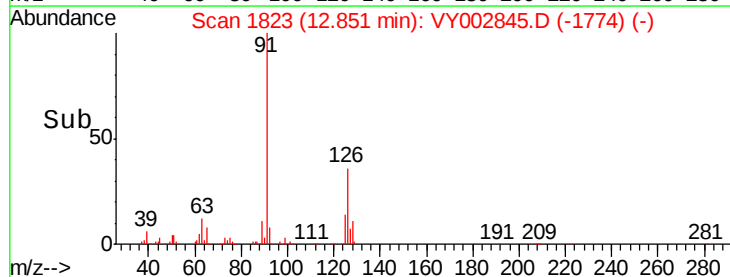
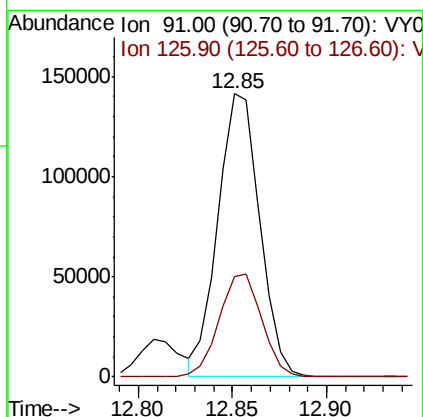
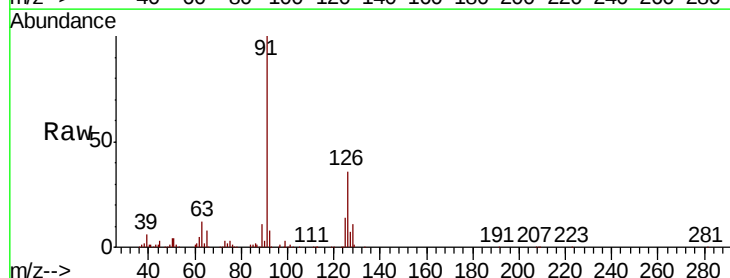
Acq: 05 Jun 2020 13:52

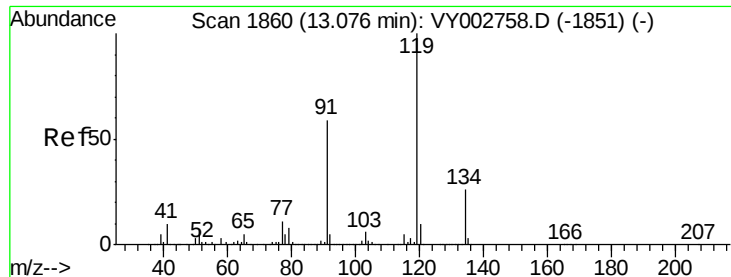
Tgt Ion: 91 Resp: 217479

Ion Ratio Lower Upper

91 100

126 37.3 18.5 55.5

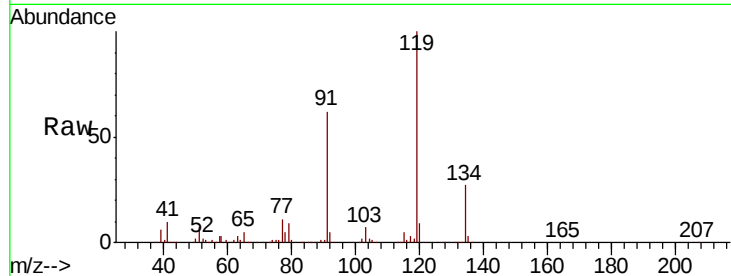




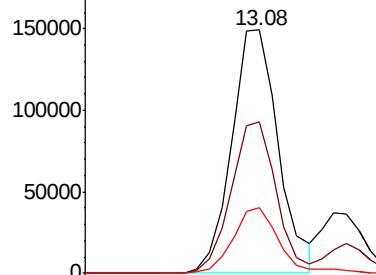
#83
tert-Butylbenzene
Concen: 21.594 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VY002845.D
Acq: 05 Jun 2020 13:52

Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBS01

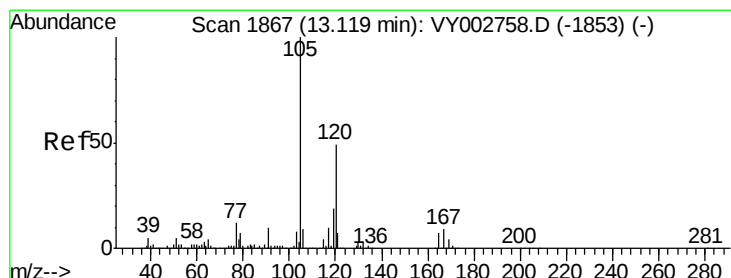
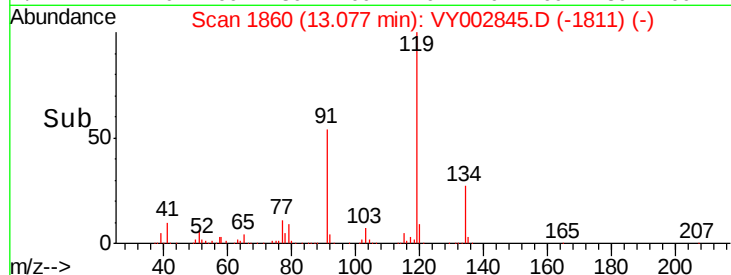
Tot Ion:119 Resp: 238781
Ion Ratio Lower Upper
119 100
91 59.8 29.8 89.4
134 26.7 13.3 39.8



Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VY0
Ion 134.00 (133.70 to 134.70): V

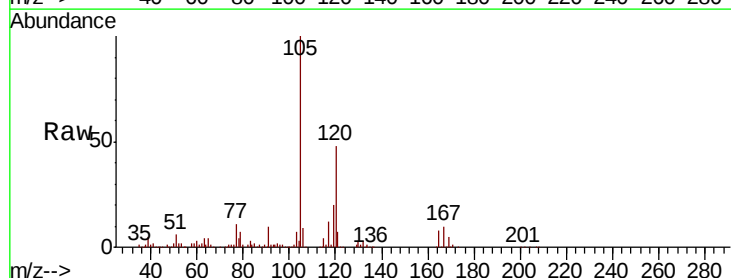


Time--> 13.00 13.05 13.10

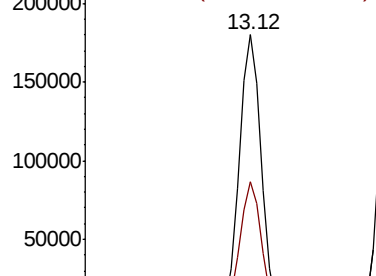


#84
1,2,4-Trimethylbenzene
Concen: 21.476 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY002845.D
Acq: 05 Jun 2020 13:52

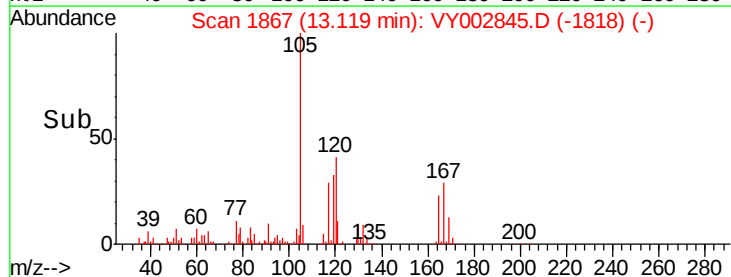
Tgt Ion:105 Resp: 267685
Ion Ratio Lower Upper
105 100
120 47.1 23.6 70.8

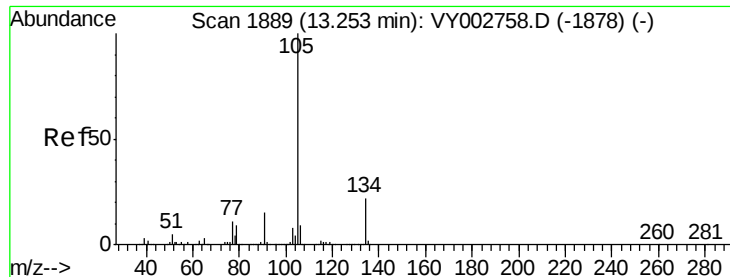


Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V



Time--> 13.00 13.10 13.20





#85

sec-Butylbenzene

Concen: 21.656 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY002845.D

Acq: 05 Jun 2020 13:52

Instrument :

MSVOA_Y

ClientSampleId :

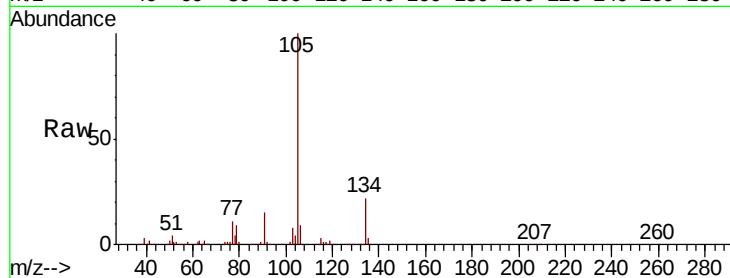
VY0605SBS01

Tot Ion:105 Resp: 327422

Ion Ratio Lower Upper

105 100

134 21.8 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.25

200000

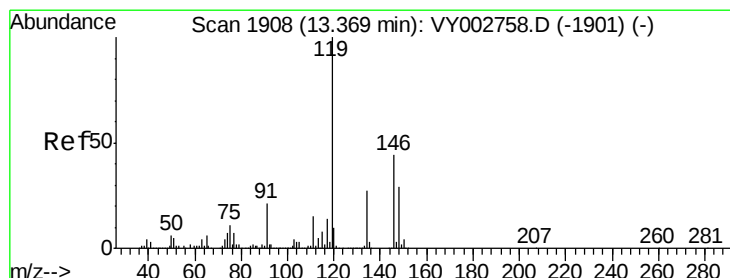
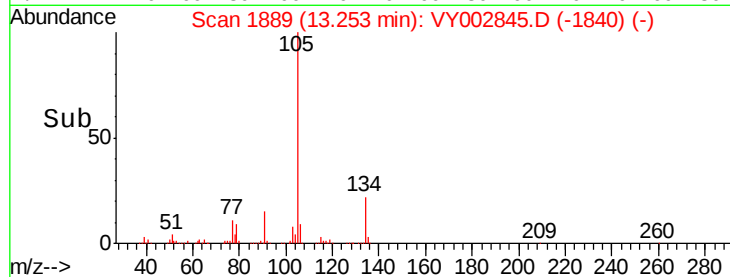
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 21.700 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY002845.D

Acq: 05 Jun 2020 13:52

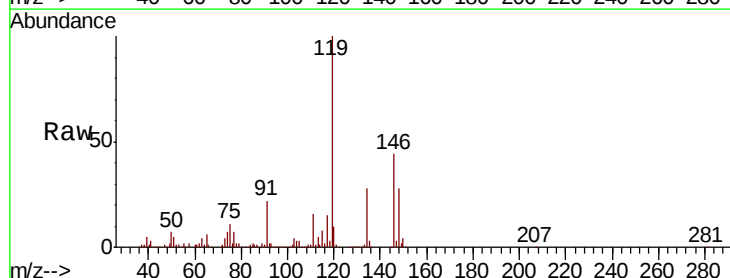
Tgt Ion:119 Resp: 305286

Ion Ratio Lower Upper

119 100

134 27.7 13.7 41.0

91 21.3 10.8 32.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

13.37

200000

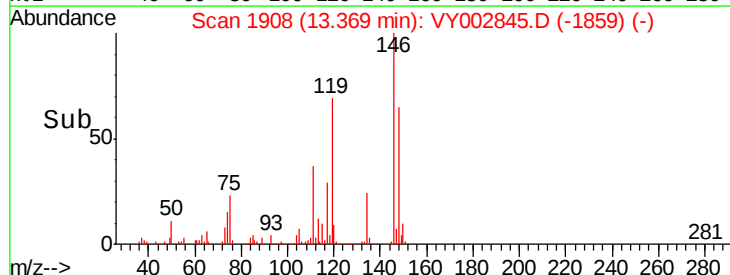
150000

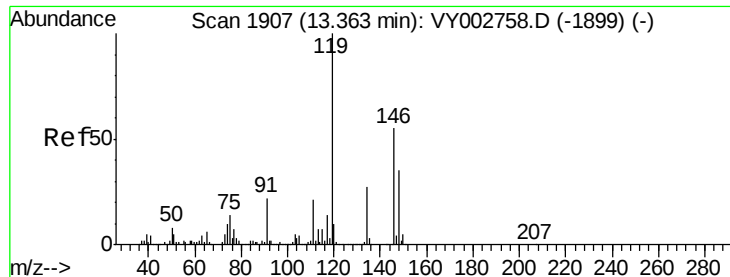
100000

50000

0

Time-->

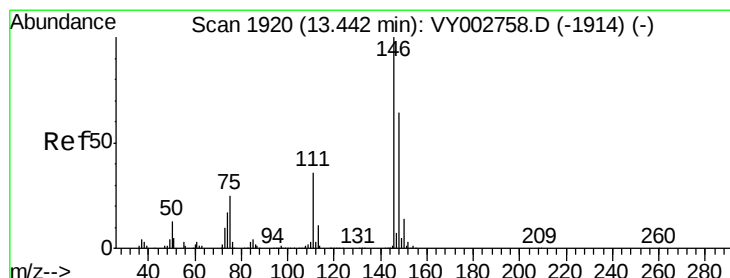
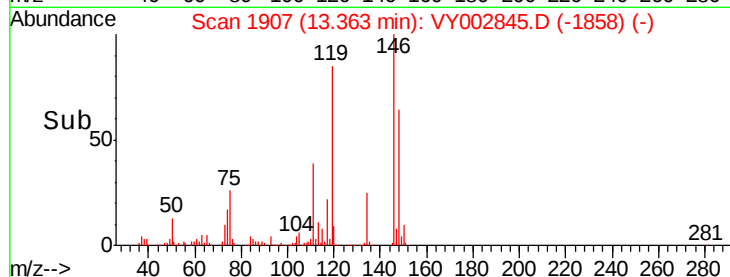
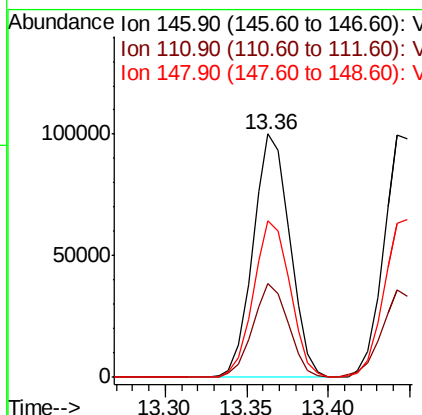
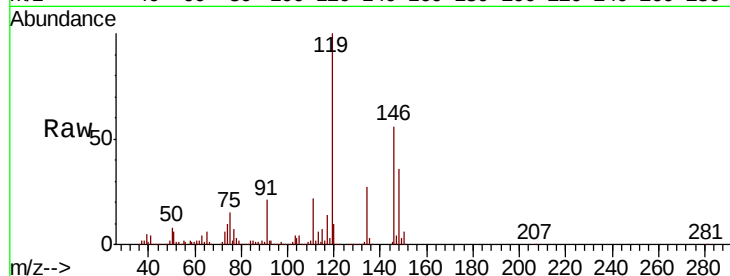




#87
 1,3-Dichlorobenzene
 Concen: 21.393 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY002845.D
 Acq: 05 Jun 2020 13:52

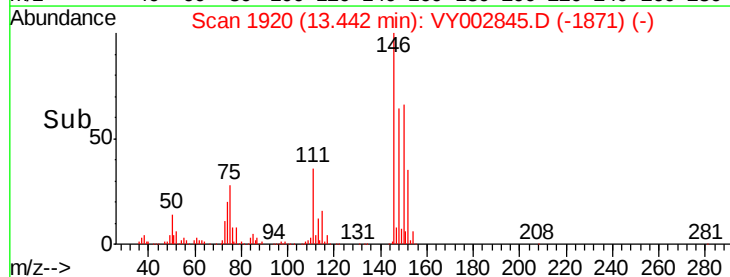
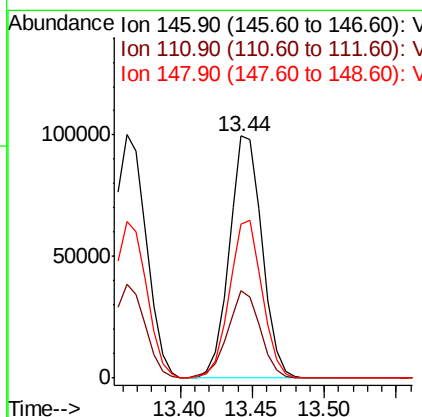
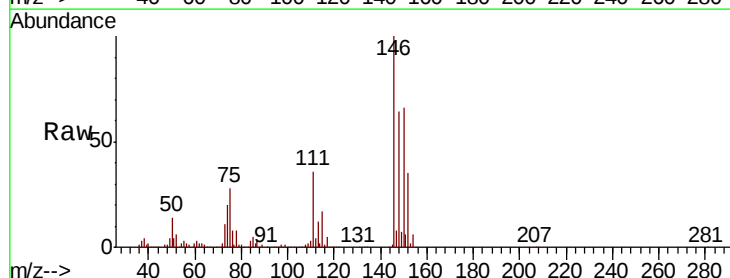
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0605SBS01

Tot Ion:146 Resp: 156652
 Ion Ratio Lower Upper
 146 100
 111 37.4 18.4 55.0
 148 64.4 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 21.531 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY002845.D
 Acq: 05 Jun 2020 13:52

Tgt Ion:146 Resp: 157718
 Ion Ratio Lower Upper
 146 100
 111 36.2 18.1 54.3
 148 65.1 32.1 96.3





#89

n-Butylbenzene

Concen: 21.833 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. 0.01 min

Lab File: VY002845.D

Acq: 05 Jun 2020 13:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0605SBS01

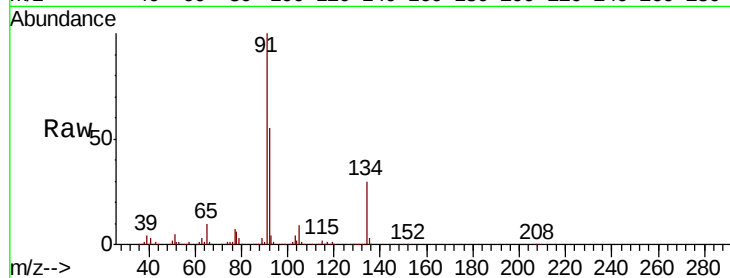
Tot Ion: 91 Resp: 278865

Ion Ratio Lower Upper

91 100

92 53.8 27.1 81.2

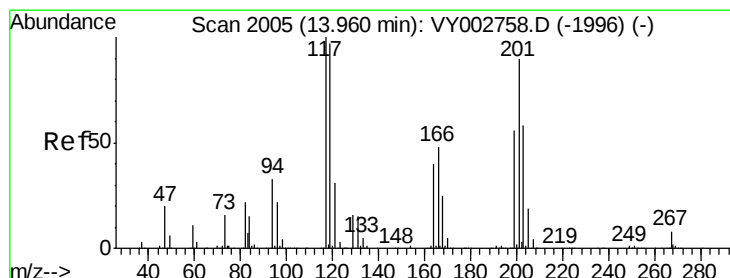
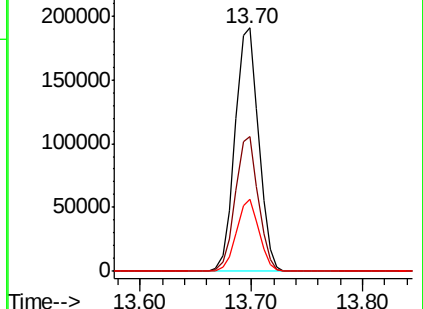
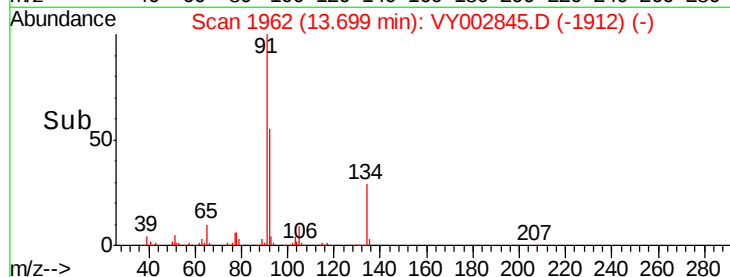
134 28.5 14.3 42.9



Abundance Ion 91.00 (90.70 to 91.70): VY002845.D (-1912) (-)

Ion 92.00 (91.70 to 92.70): VY002845.D (-1912) (-)

Ion 134.00 (133.70 to 134.70): VY002845.D (-1912) (-)



#90

Hexachloroethane

Concen: 21.689 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. 0.00 min

Lab File: VY002845.D

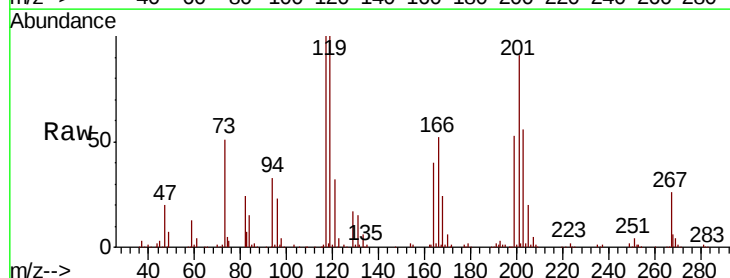
Acq: 05 Jun 2020 13:52

Tgt Ion: 117 Resp: 57122

Ion Ratio Lower Upper

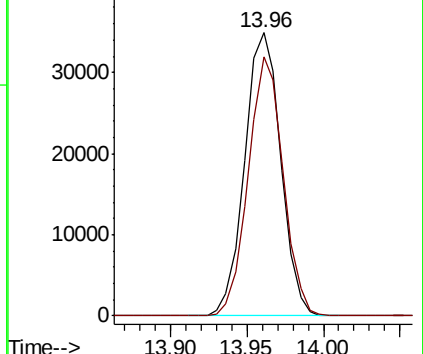
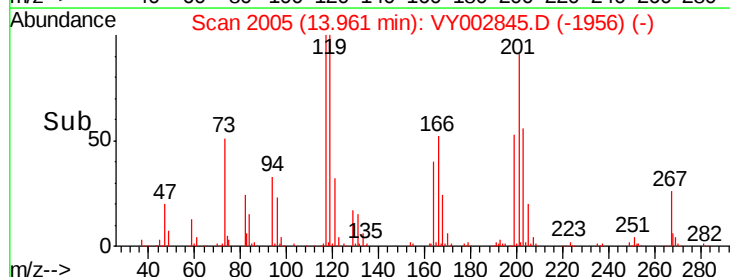
117 100

201 88.2 43.9 131.6



Abundance Ion 116.80 (116.50 to 117.50): VY002845.D (-1956) (-)

Ion 200.70 (200.40 to 201.40): VY002845.D (-1956) (-)

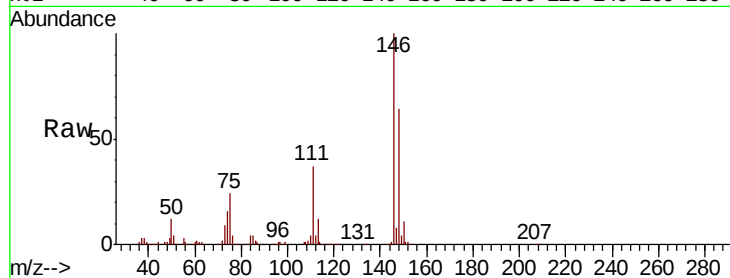




#91
 1,2-Dichlorobenzene
 Concen: 21.454 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.01 min
 Lab File: VY002845.D
 Acq: 05 Jun 2020 13:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0605SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.9	56.9
148	64.3	31.9	95.5

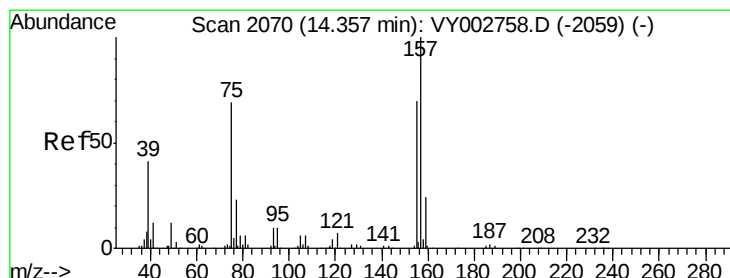
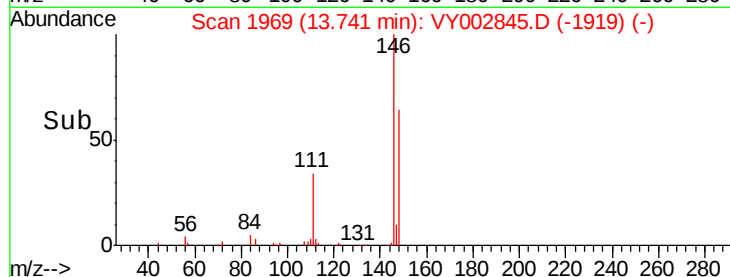
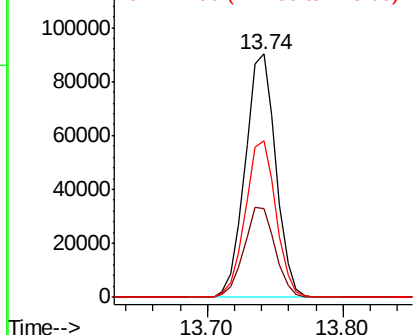


Abundance

Ion 145.90 (145.60 to 146.60): V

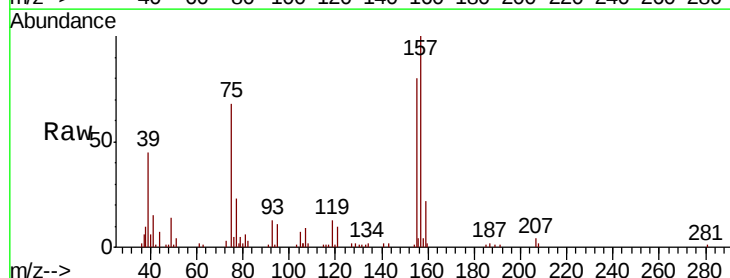
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.731 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY002845.D
 Acq: 05 Jun 2020 13:52

Tgt Ion	Ratio	Lower	Upper
75	100		
155	108.0	53.5	160.5
157	136.2	69.9	209.7

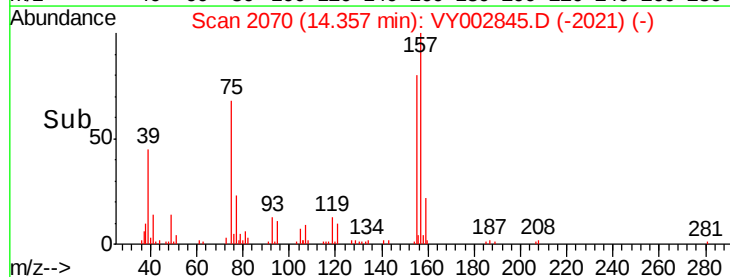
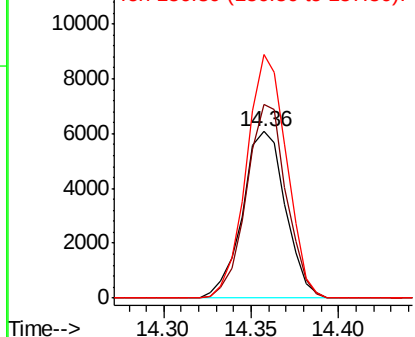


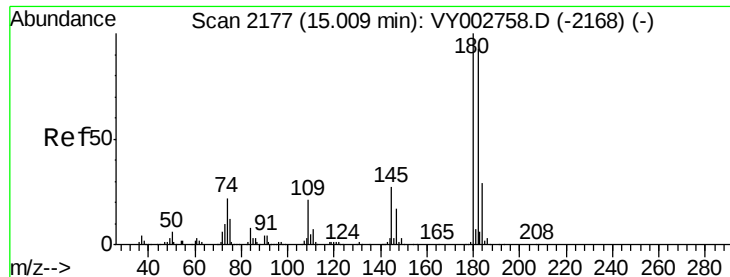
Abundance

Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

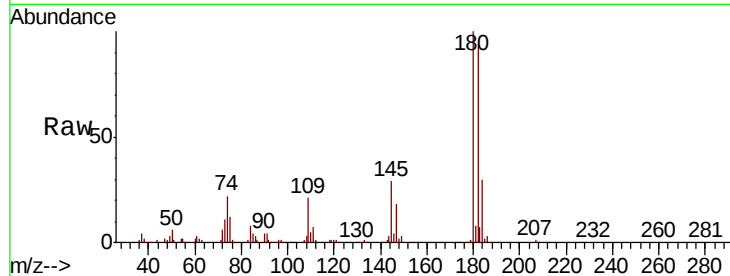




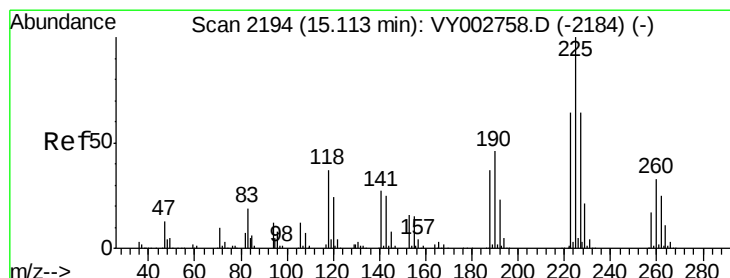
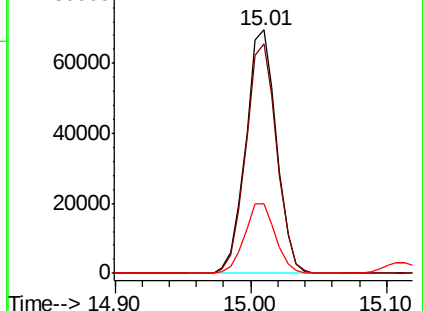
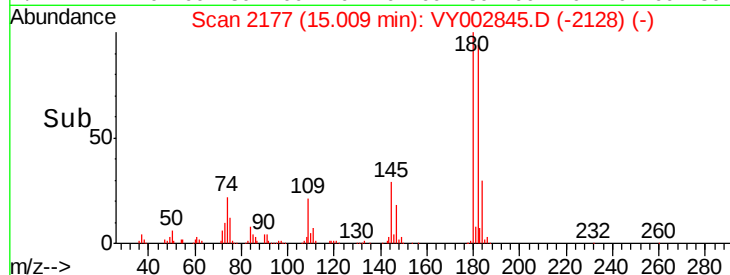
#93
 1,2,4-Trichlorobenzene
 Concen: 21.954 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VY002845.D
 Acq: 05 Jun 2020 13:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0605SBS01

Tot Ion:180 Resp: 109893
 Ion Ratio Lower Upper
 180 100
 182 94.8 47.3 141.9
 145 28.6 14.1 42.3

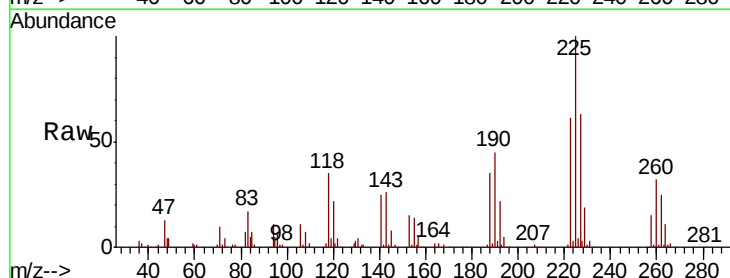


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

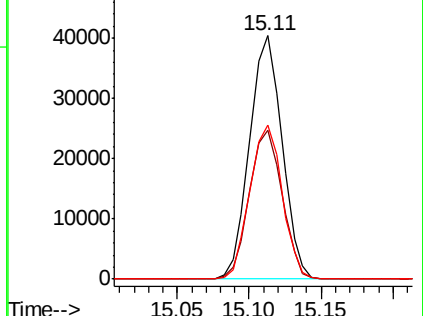
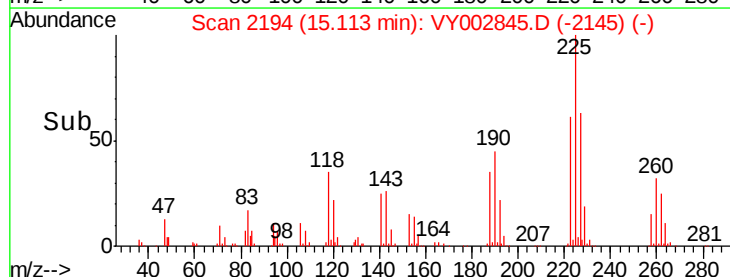


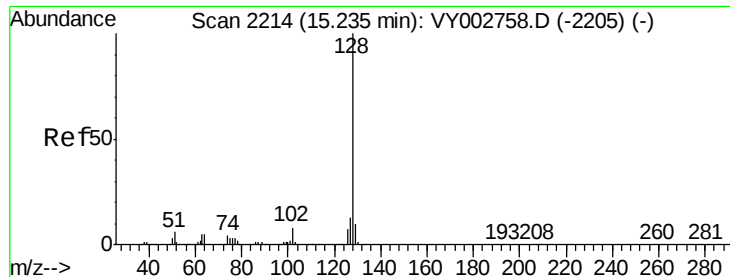
#94
 Hexachlorobutadiene
 Concen: 22.240 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY002845.D
 Acq: 05 Jun 2020 13:52

Tgt Ion:225 Resp: 63141
 Ion Ratio Lower Upper
 225 100
 223 61.8 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

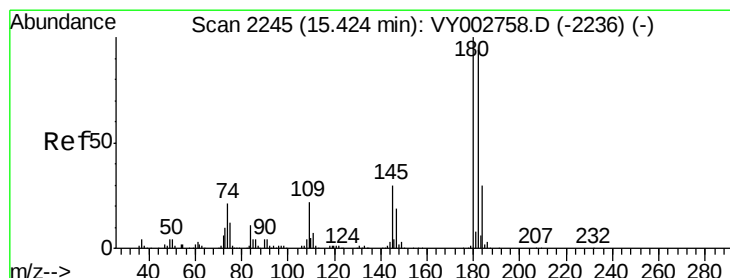
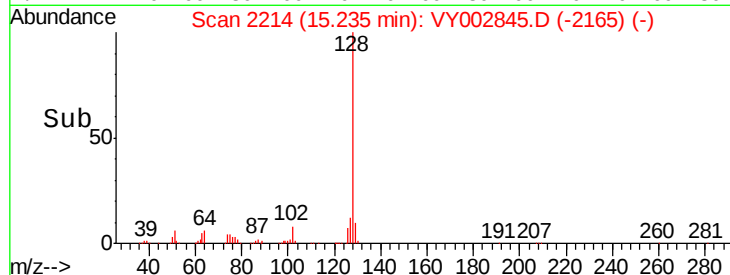
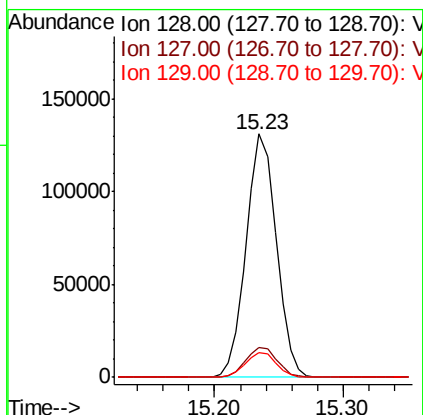
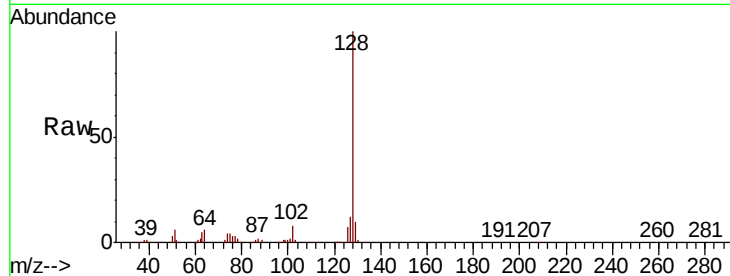




#95
Naphthalene
Concen: 21.132 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY002845.D
Acq: 05 Jun 2020 13:52

Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBS01

Tot Ion:128 Resp: 212086
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 21.597 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY002845.D
Acq: 05 Jun 2020 13:52

Tgt Ion:180 Resp: 96538
Ion Ratio Lower Upper
180 100
182 95.2 48.1 144.4
145 29.7 15.1 45.3

