

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY060520\
 Data File : VY002846.D
 Acq On : 05 Jun 2020 14:15
 Operator : SY/MD
 Sample : VY0605SBSD01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0605SBSD01

Quant Time: Jun 06 07:56:53 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	310254	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	463690	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	421473	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	230093	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	130729	48.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.06%	
35) Dibromofluoromethane	7.72	113	135473	49.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.70%	
50) Toluene-d8	10.18	98	526676	47.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.86%	
62) 4-Bromofluorobenzene	12.48	95	184342	49.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	42292	19.811	ug/l	100
3) Chloromethane	2.12	50	48295	20.453	ug/l	94
4) Vinyl Chloride	2.26	62	52781	21.148	ug/l	98
5) Bromomethane	2.65	94	39709	21.231	ug/l	96
6) Chloroethane	2.79	64	35444	21.907	ug/l	96
7) Trichlorofluoromethane	3.13	101	95753	21.662	ug/l	99
8) Diethyl Ether	3.54	74	34786	20.154	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.91	101	58626	22.338	ug/l	96
10) Methyl Iodide	4.10	142	78126	21.274	ug/l	99
11) Tert butyl alcohol	4.97	59	34029	110.399	ug/l	99
12) 1,1-Dichloroethene	3.88	96	57771	21.888	ug/l	99
13) Acrolein	3.74	56	28110	89.043	ug/l	100
14) Allyl chloride	4.49	41	85100	22.481	ug/l	99
15) Acrylonitrile	5.17	53	86507	111.097	ug/l	100
16) Acetone	3.96	43	68042	107.716	ug/l	94
17) Carbon Disulfide	4.20	76	165846	20.794	ug/l	100
18) Methyl Acetate	4.49	43	39782	24.607	ug/l	100
19) Methyl tert-butyl Ether	5.23	73	157613	21.631	ug/l	98
20) Methylene Chloride	4.72	84	73616	23.847	ug/l	98
21) trans-1,2-Dichloroethene	5.23	96	63648	21.443	ug/l	99
22) Diisopropyl ether	6.13	45	177698	22.589	ug/l	95
23) Vinyl Acetate	6.07	43	576410	110.984	ug/l	99
24) 1,1-Dichloroethane	6.02	63	102365	22.245	ug/l	99
25) 2-Butanone	7.00	43	106132	107.841	ug/l	100
26) 2,2-Dichloropropane	6.99	77	94352	21.379	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	71704	21.579	ug/l	99
28) Bromochloromethane	7.34	49	42884	22.701	ug/l	96
29) Tetrahydrofuran	7.36	42	71413	111.556	ug/l	99
30) Chloroform	7.52	83	107989	22.115	ug/l	97
31) Cyclohexane	7.79	56	98150	21.483	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	97420	21.410	ug/l	99
36) 1,1-Dichloropropene	7.92	75	82872	21.217	ug/l	99
37) Ethyl Acetate	7.08	43	46988	22.110	ug/l	98
38) Carbon Tetrachloride	7.91	117	90501	20.857	ug/l	98

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	108625	21.098	ug/l	97
40) Benzene	8.17	78	246862	21.389	ug/l	100
41) Methacrylonitrile	7.35	41	65126	57.043	ug/l #	1
42) 1,2-Dichloroethane	8.24	62	67916	20.997	ug/l	99
43) Isopropyl Acetate	8.28	43	86654	21.517	ug/l	100
44) Trichloroethene	8.94	130	76003	20.848	ug/l	97
45) 1,2-Dichloropropane	9.22	63	60040	21.693	ug/l	99
46) Dibromomethane	9.31	93	35051	21.324	ug/l	99
47) Bromodichloromethane	9.50	83	83574	21.567	ug/l	98
48) Methyl methacrylate	9.30	41	39051	21.480	ug/l	99
49) 1,4-Dioxane	9.30	88	10680	423.153	ug/l	96
51) 4-Methyl-2-Pentanone	10.07	43	231726	108.664	ug/l	100
52) Toluene	10.24	92	161397	21.377	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	90604	21.407	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	102972	21.471	ug/l	100
55) 1,1,2-Trichloroethane	10.64	97	53180	21.132	ug/l	98
56) Ethyl methacrylate	10.51	69	71876	21.324	ug/l	100
57) 1,3-Dichloropropane	10.79	76	88870	21.471	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	177147	107.558	ug/l	99
59) 2-Hexanone	10.83	43	163742	108.219	ug/l	99
60) Dibromochloromethane	10.99	129	67709	21.222	ug/l	100
61) 1,2-Dibromoethane	11.09	107	52437	21.123	ug/l	100
64) Tetrachloroethene	10.72	164	80021	20.890	ug/l	99
65) Chlorobenzene	11.52	112	178630	21.443	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	68680	21.891	ug/l	99
67) Ethyl Benzene	11.59	91	313105	21.680	ug/l	100
68) m/p-Xylenes	11.70	106	242428	43.296	ug/l	100
69) o-Xylene	12.03	106	113702	21.510	ug/l	99
70) Styrene	12.04	104	197731	21.578	ug/l	99
71) Bromoform	12.20	173	44772	21.327	ug/l #	99
73) Isopropylbenzene	12.33	105	315553	21.400	ug/l	99
74) N-amyl acetate	12.14	43	81146	21.448	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	57581	22.257	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	83723	40.382	ug/l #	100
77) Bromobenzene	12.61	156	80243	20.900	ug/l	100
78) n-propylbenzene	12.67	91	366268	21.504	ug/l	100
79) 2-Chlorotoluene	12.75	91	203047	21.252	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	265131	21.535	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	23364	21.231	ug/l	98
82) 4-Chlorotoluene	12.85	91	214983	21.476	ug/l	100
83) tert-Butylbenzene	13.08	119	234333	21.338	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	267564	21.614	ug/l	99
85) sec-Butylbenzene	13.25	105	325142	21.653	ug/l	99
86) p-Isopropyltoluene	13.37	119	301989	21.613	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	154124	21.192	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	154540	21.242	ug/l	99
89) n-Butylbenzene	13.70	91	276987	21.835	ug/l	99
90) Hexachloroethane	13.96	117	57035	21.804	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	140728	21.336	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	10658	21.412	ug/l	98

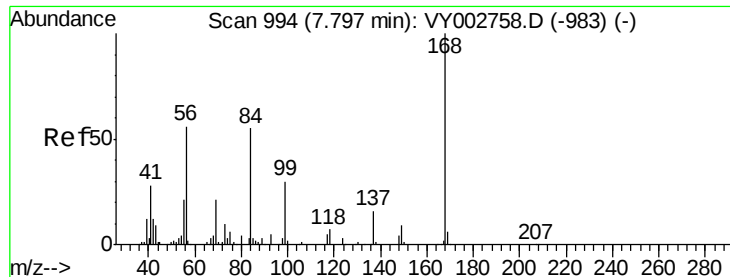
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY060520\
Data File : VY002846.D
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Sample : VY0605SBSD01
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QLast Update : Wed May 27 13:13:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	106741	21.471	ug/l	99
94) Hexachlorobutadiene	15.11	225	61313	21.744	ug/l	100
95) Naphthalene	15.23	128	210884	21.156	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	94995	21.398	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: VY002846.D

Acq: 05 Jun 2020 14:15

Instrument :

MSVOA_Y

ClientSampleId :

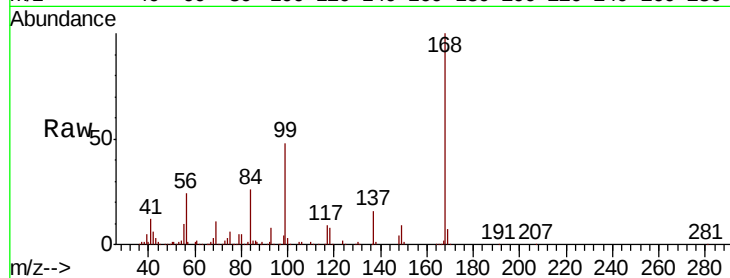
VY0605SBS01

Tot Ion:168 Resp: 310254

Ion Ratio Lower Upper

168 100

99 48.2 39.0 58.4



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

Ion 98.90 (98.60 to 99.60): VY002846.D (-945) (-)

7.80

150000

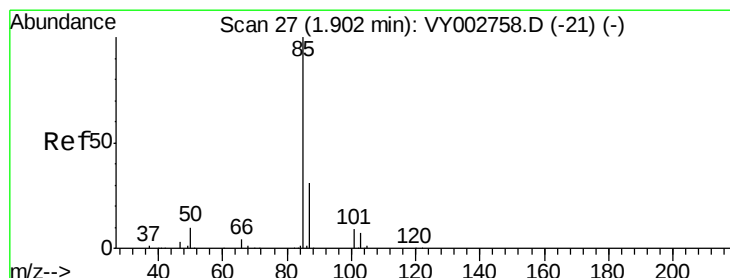
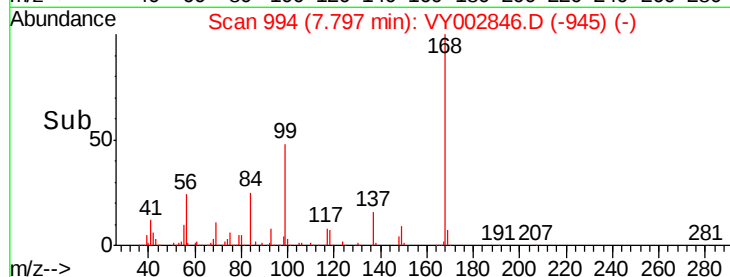
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 19.811 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY002846.D

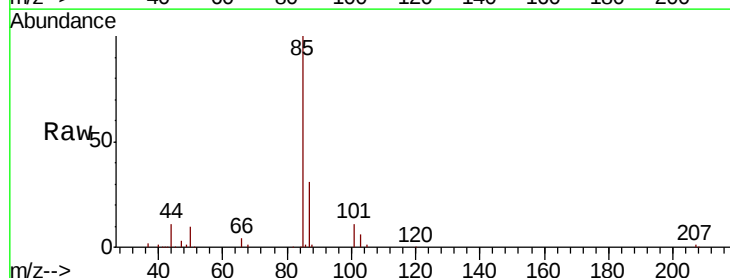
Acq: 05 Jun 2020 14:15

Tgt Ion: 85 Resp: 42292

Ion Ratio Lower Upper

85 100

87 31.0 15.5 46.5



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

Ion 86.90 (86.60 to 87.60): VY002846.D (-1) (-)

1.91

30000

25000

20000

15000

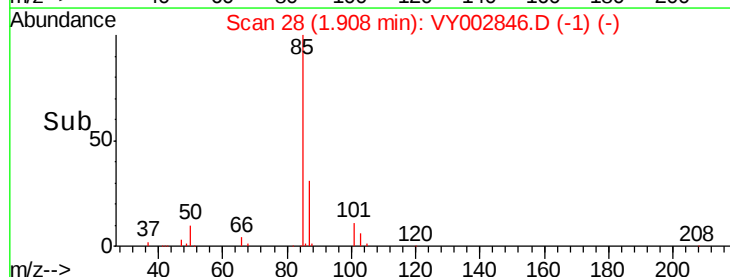
10000

5000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 20.453 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY002846.D

Acq: 05 Jun 2020 14:15

Instrument :

MSVOA_Y

ClientSampleId :

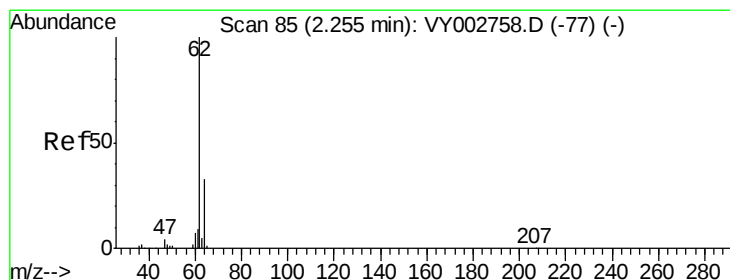
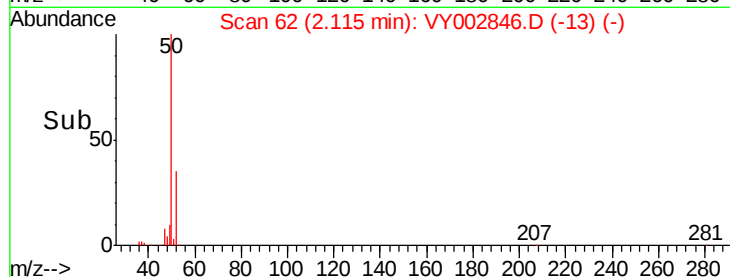
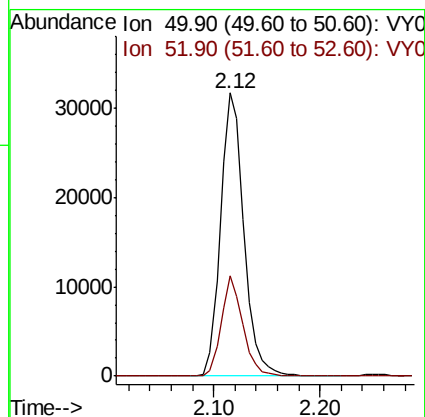
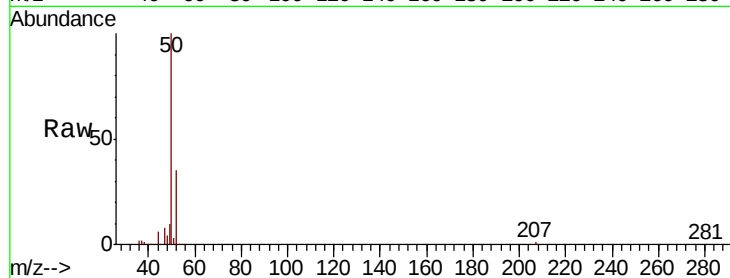
VY0605SBSD01

Tot Ion: 50 Resp: 48295

Ion Ratio Lower Upper

50 100

52 35.4 25.8 38.6



#4

Vinyl Chloride

Concen: 21.148 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.00 min

Lab File: VY002846.D

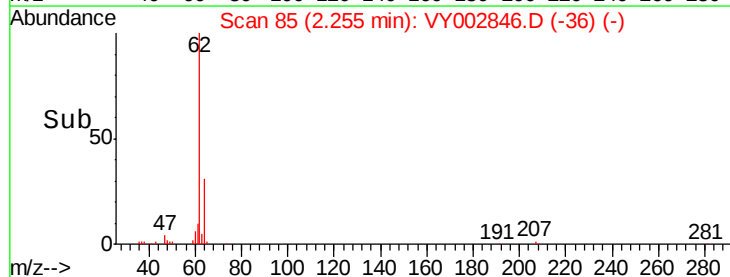
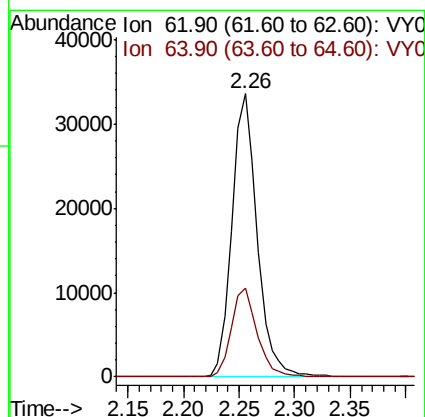
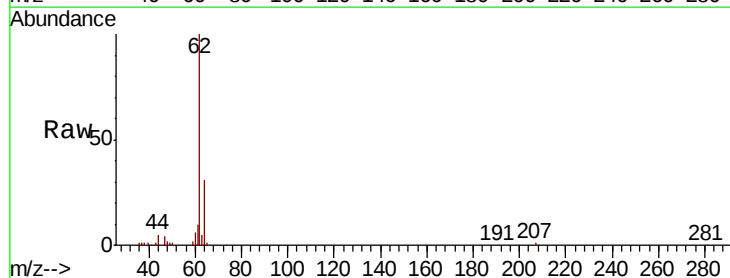
Acq: 05 Jun 2020 14:15

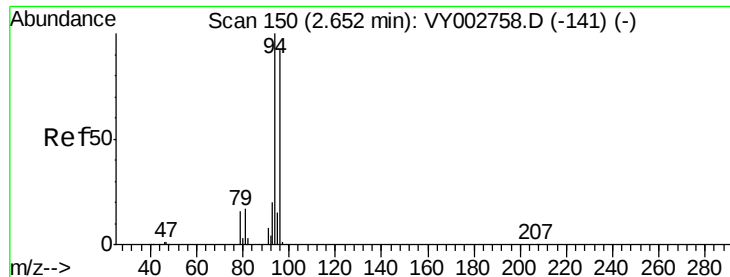
Tgt Ion: 62 Resp: 52781

Ion Ratio Lower Upper

62 100

64 31.4 26.1 39.1





#5

Bromomethane

Concen: 21.231 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY002846.D

Acq: 05 Jun 2020 14:15

Instrument :

MSVOA_Y

ClientSampleId :

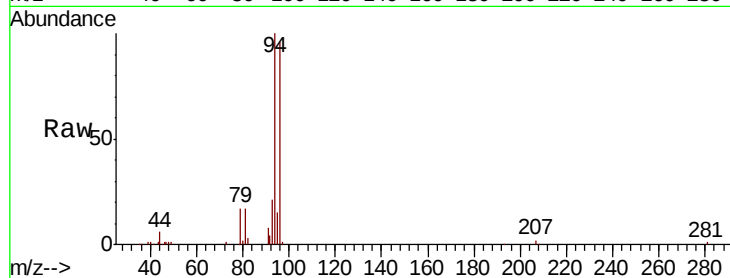
VY0605SBSD01

Tot Ion: 94 Resp: 39709

Ion Ratio Lower Upper

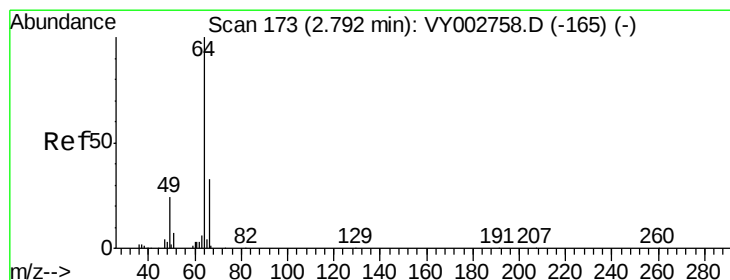
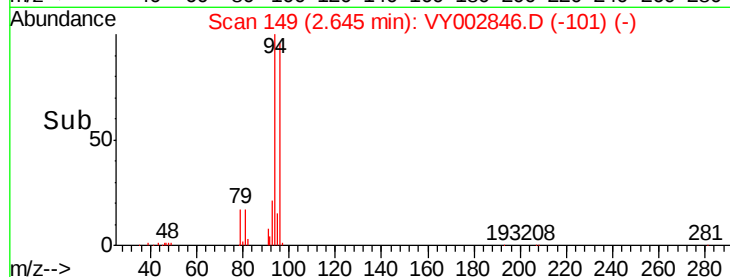
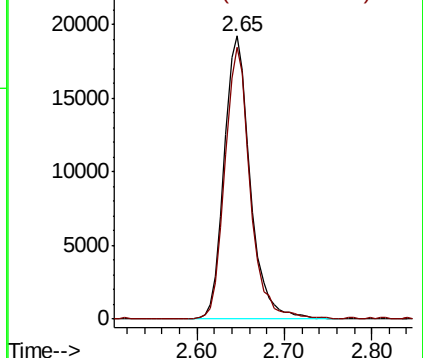
94 100

96 96.3 73.7 110.5



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 21.907 ug/l

RT: 2.79 min Scan# 173

Delta R.T. 0.00 min

Lab File: VY002846.D

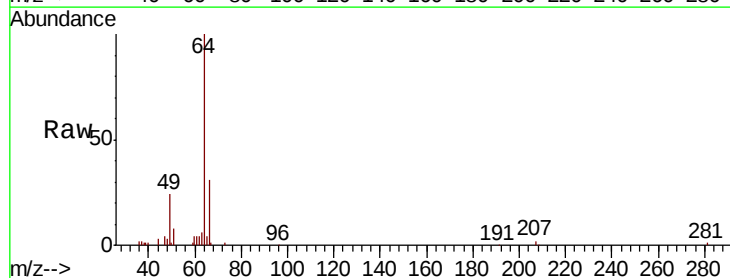
Acq: 05 Jun 2020 14:15

Tgt Ion: 64 Resp: 35444

Ion Ratio Lower Upper

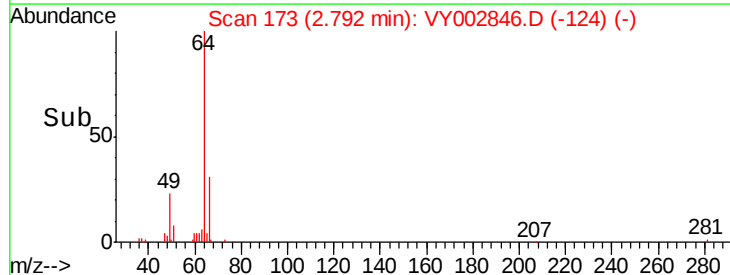
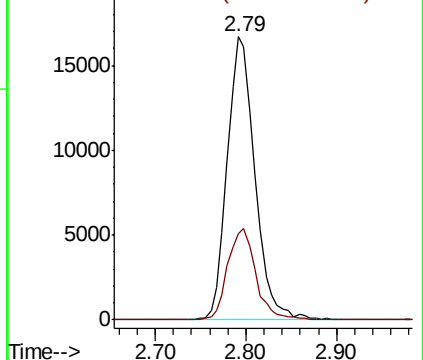
64 100

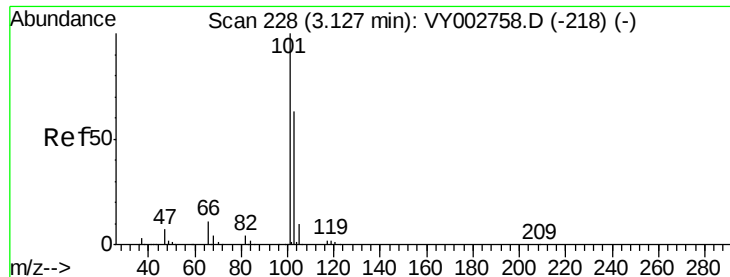
66 30.7 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



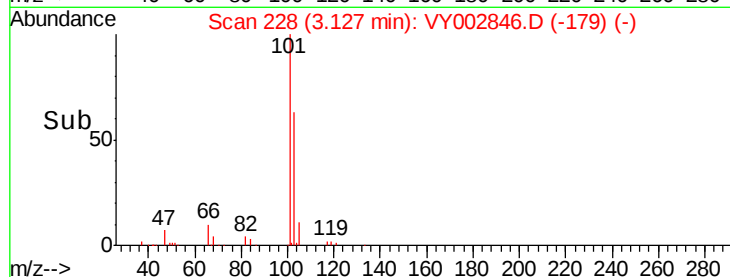
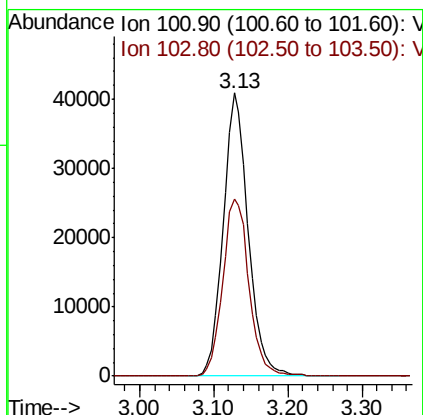
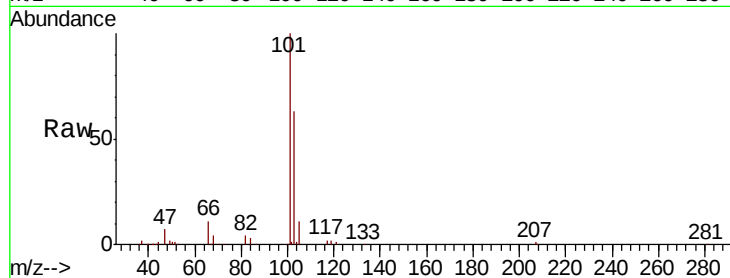


#7

Trichlorofluoromethane
Concen: 21.662 ug/l
RT: 3.13 min Scan# 228
Delta R.T. 0.00 min
Lab File: VY002846.D
Acq: 05 Jun 2020 14:15

Instrument :
MSVOA_Y
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VY0605SBS01

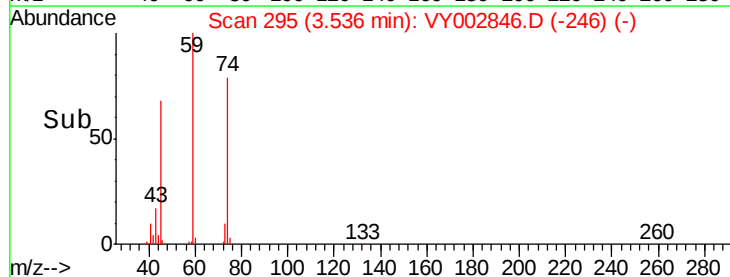
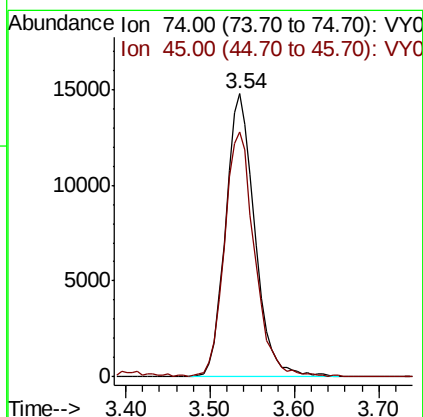
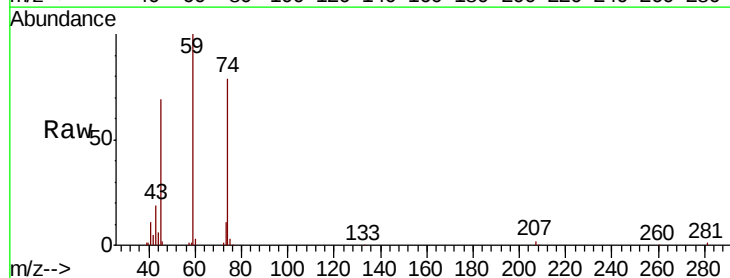
Tot Ion:101 Resp: 95753
Ion Ratio Lower Upper
101 100
103 62.7 50.6 76.0

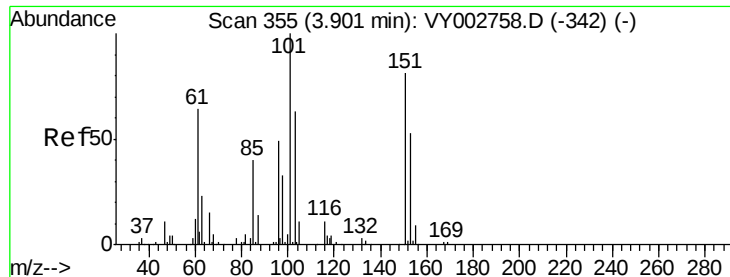


#8

Diethyl Ether
Concen: 20.154 ug/l
RT: 3.54 min Scan# 295
Delta R.T. 0.00 min
Lab File: VY002846.D
Acq: 05 Jun 2020 14:15

Tgt Ion: 74 Resp: 34786
Ion Ratio Lower Upper
74 100
45 89.9 44.0 131.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.338 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY002846.D

Acq: 05 Jun 2020 14:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0605SBS01

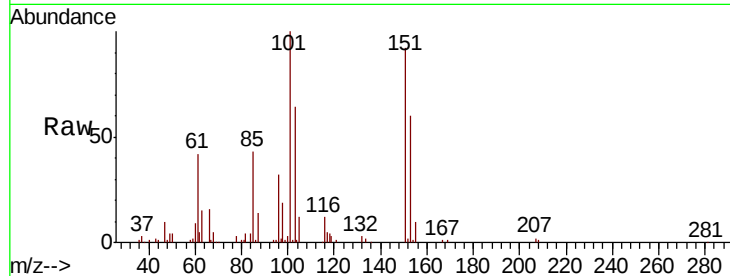
Tot Ion:101 Resp: 58626

Ion Ratio Lower Upper

101 100

85 43.4 32.7 49.1

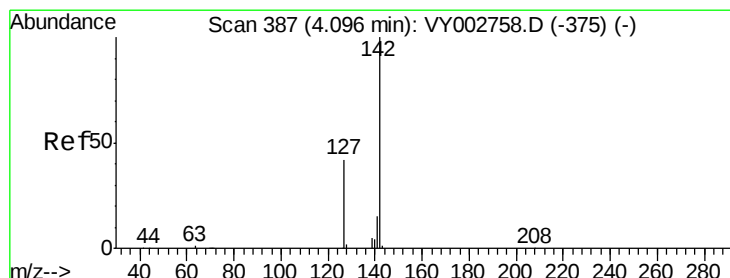
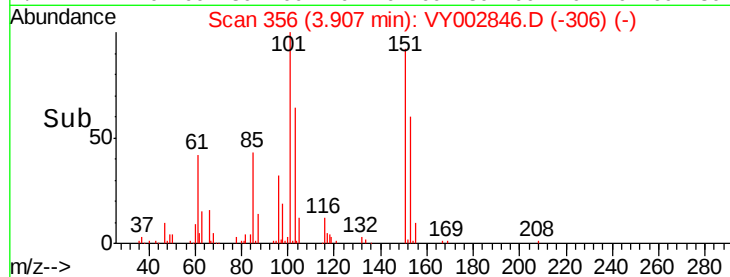
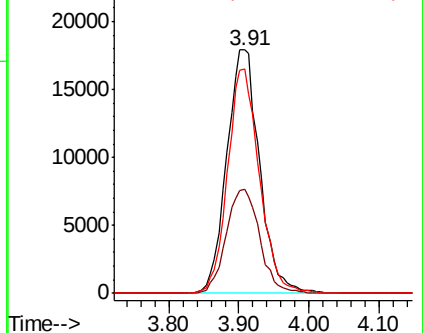
151 88.8 68.0 102.0



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: 21.274 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY002846.D

Acq: 05 Jun 2020 14:15

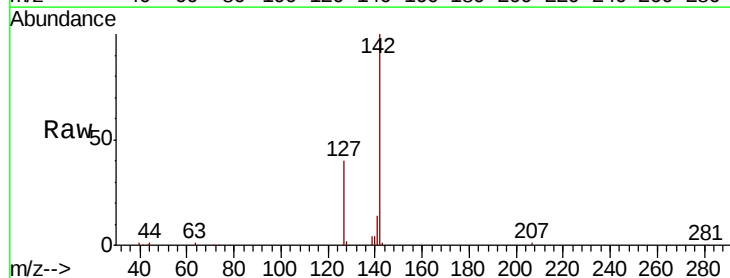
Tgt Ion:142 Resp: 78126

Ion Ratio Lower Upper

142 100

127 40.7 33.3 49.9

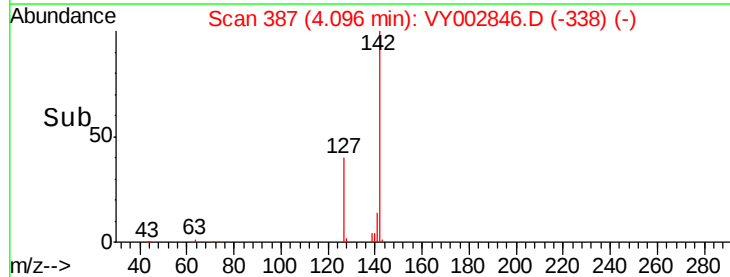
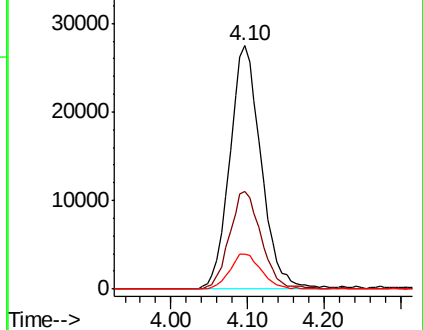
141 14.3 11.5 17.3



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



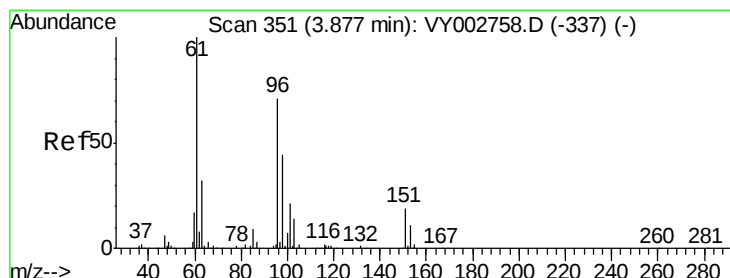
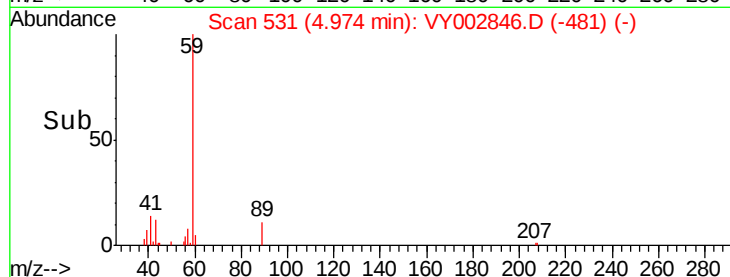
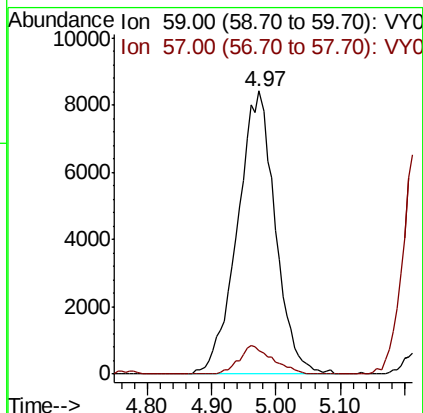
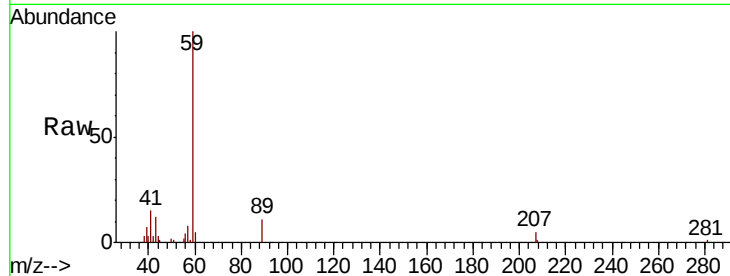


#11

Tert butyl alcohol
Concen: 110.399 ug/l
RT: 4.97 min Scan# 531
Delta R.T. 0.01 min
Lab File: VY002846.D
Acq: 05 Jun 2020 14:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBS01

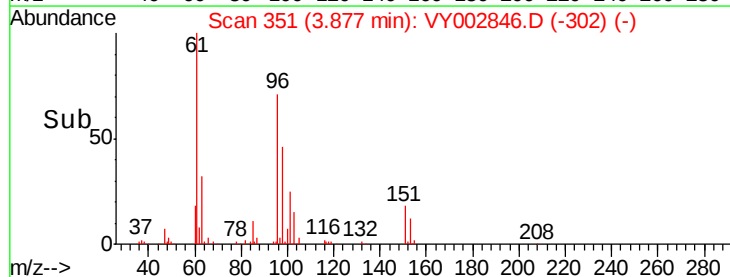
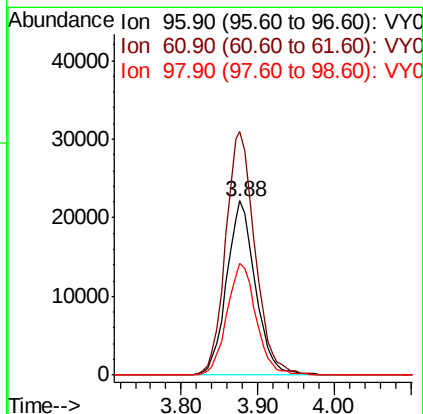
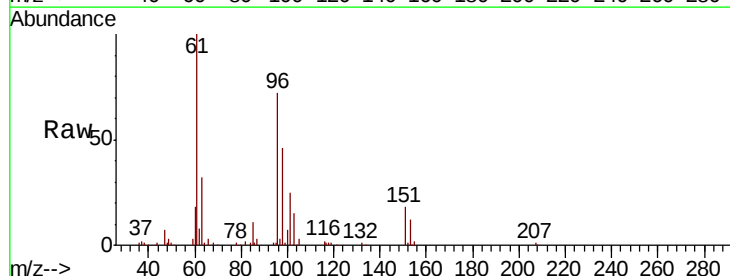
Tot Ion: 59 Resp: 34029
Ion Ratio Lower Upper
59 100
57 9.1 7.7 11.5

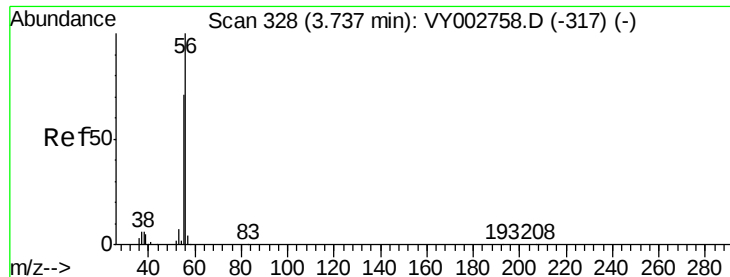


#12

1,1-Dichloroethene
Concen: 21.888 ug/l
RT: 3.88 min Scan# 351
Delta R.T. 0.00 min
Lab File: VY002846.D
Acq: 05 Jun 2020 14:15

Tgt Ion: 96 Resp: 57771
Ion Ratio Lower Upper
96 100
61 139.8 112.6 168.8
98 64.5 50.0 75.0





#13

Acrolein

Concen: 89.043 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY002846.D

Acq: 05 Jun 2020 14:15

Instrument :

MSVOA_Y

ClientSampleId :

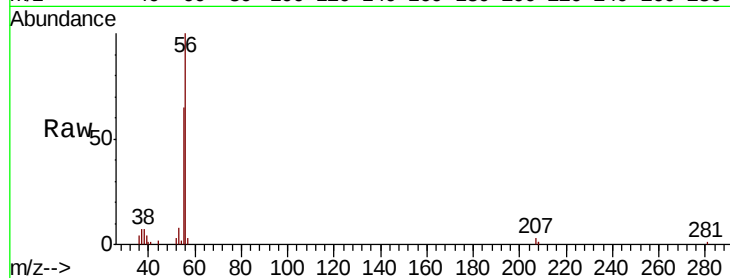
VY0605SBS01

Tot Ion: 56 Resp: 28110

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

3.74

12000

10000

8000

6000

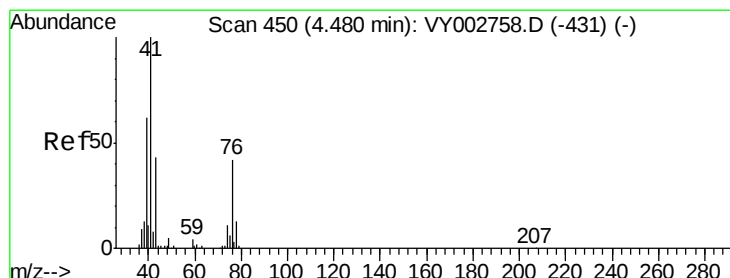
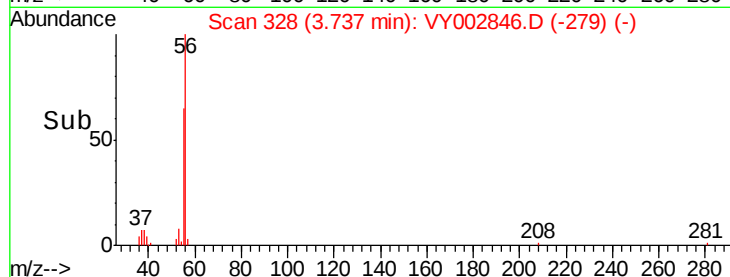
4000

2000

0

Time-->

3.60 3.70 3.80 3.90



#14

Allyl chloride

Concen: 22.481 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY002846.D

Acq: 05 Jun 2020 14:15

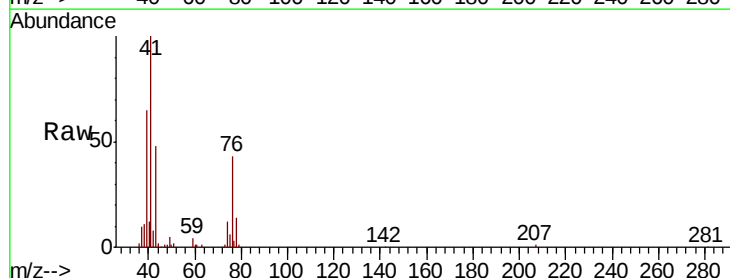
Tgt Ion: 41 Resp: 85100

Ion Ratio Lower Upper

41 100

39 61.6 49.9 74.9

76 40.5 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

4.49

30000

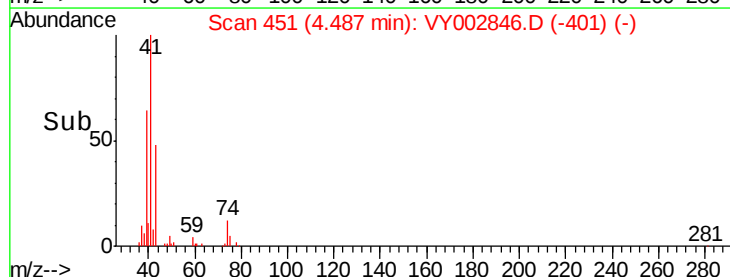
20000

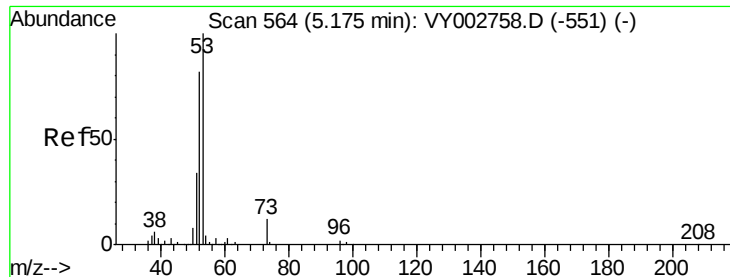
10000

0

Time-->

4.30 4.40 4.50 4.60 4.70





#15

Acrylonitrile

Concen: 111.097 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.01 min

Lab File: VY002846.D

Acq: 05 Jun 2020 14:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0605SBS01

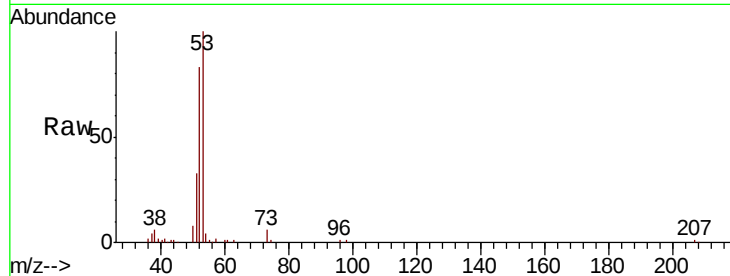
Tot Ion: 53 Resp: 86507

Ion Ratio Lower Upper

53 100

52 82.0 65.3 97.9

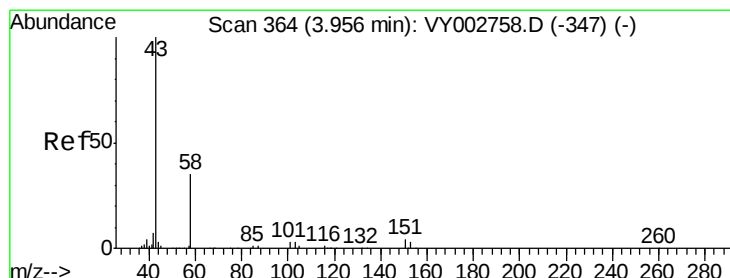
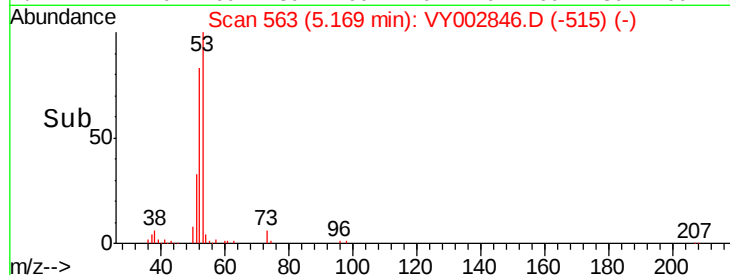
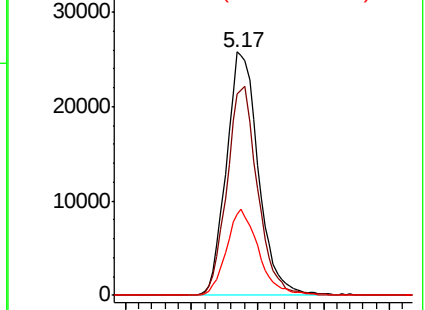
51 35.2 28.0 42.0



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: 107.716 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.00 min

Lab File: VY002846.D

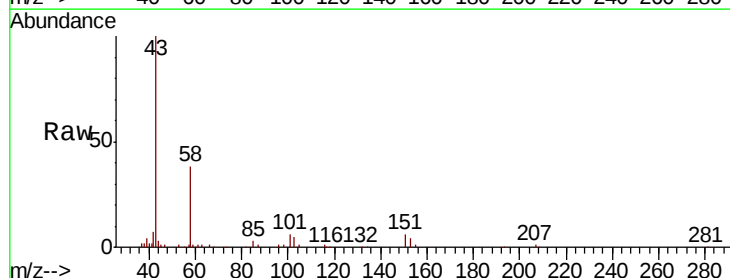
Acq: 05 Jun 2020 14:15

Tgt Ion: 43 Resp: 68042

Ion Ratio Lower Upper

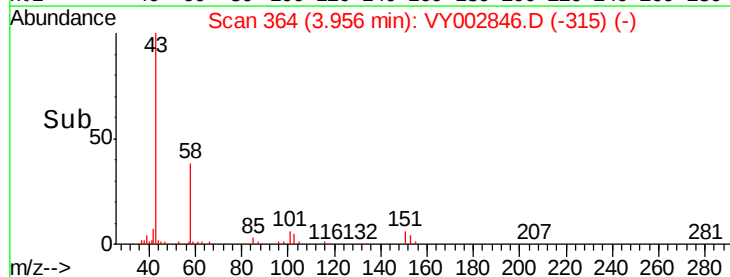
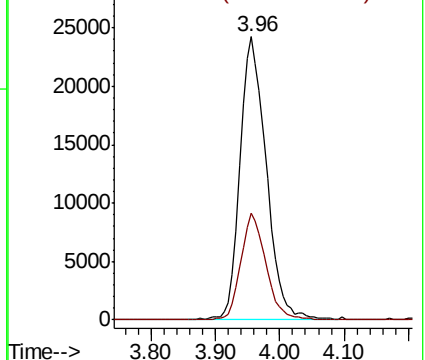
43 100

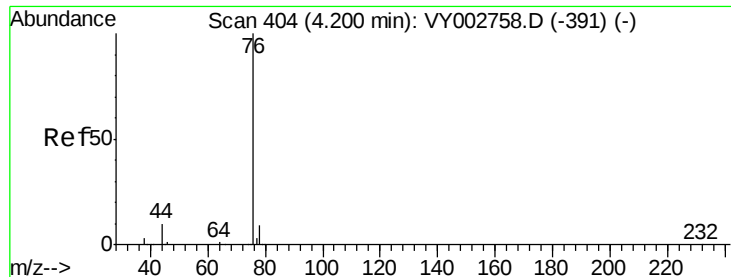
58 37.8 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

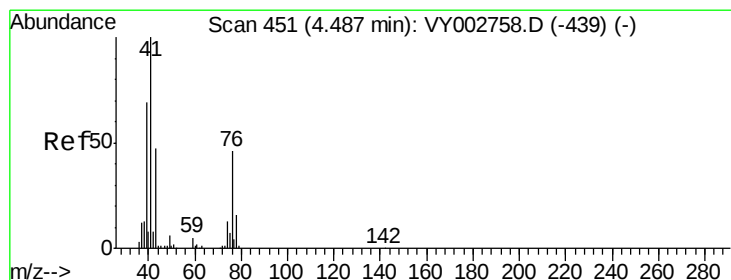
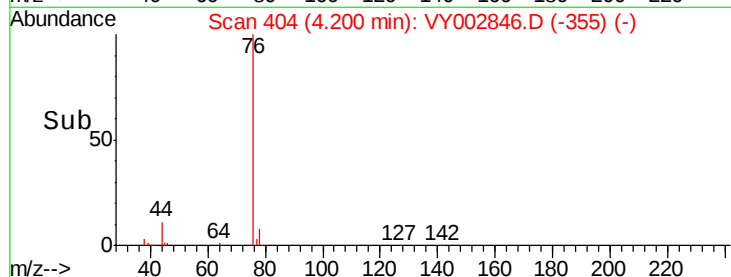
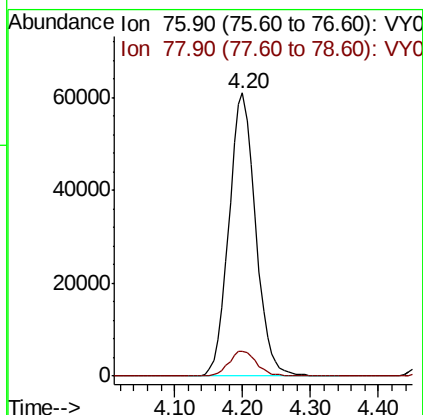
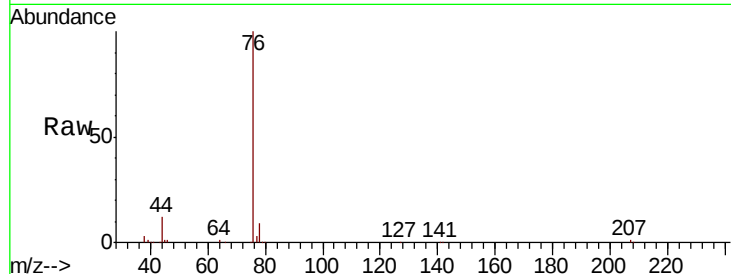




#17
Carbon Disulfide
Concen: 20.794 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.00 min
Lab File: VY002846.D
Acq: 05 Jun 2020 14:15

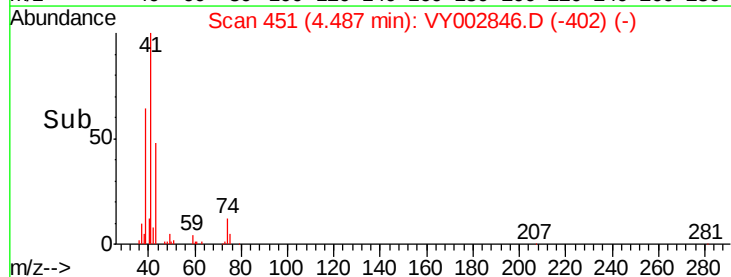
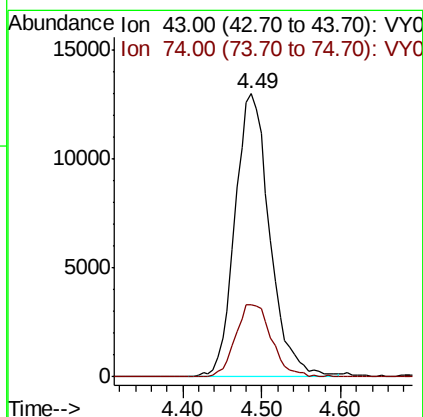
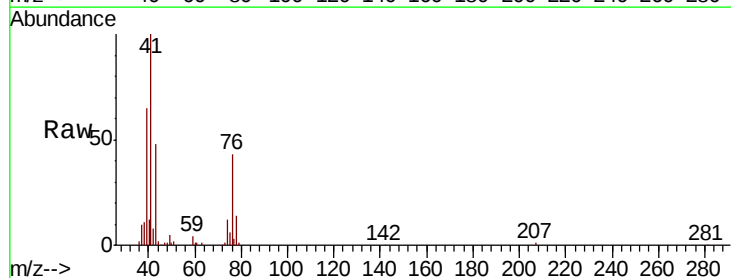
Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBSD01

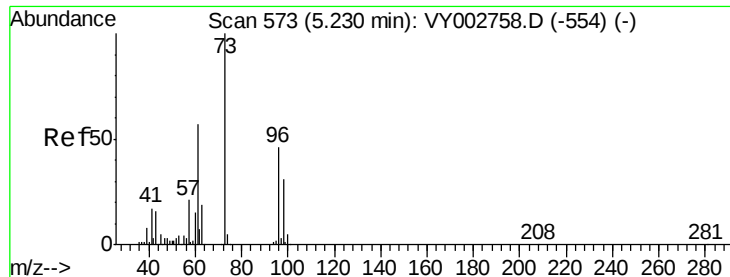
Tot Ion: 76 Resp: 165846
Ion Ratio Lower Upper
76 100
78 8.7 6.9 10.3



#18
Methyl Acetate
Concen: 24.607 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.00 min
Lab File: VY002846.D
Acq: 05 Jun 2020 14:15

Tgt Ion: 43 Resp: 39782
Ion Ratio Lower Upper
43 100
74 26.4 21.4 32.0

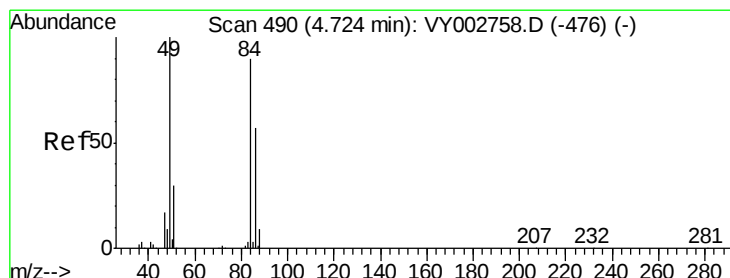
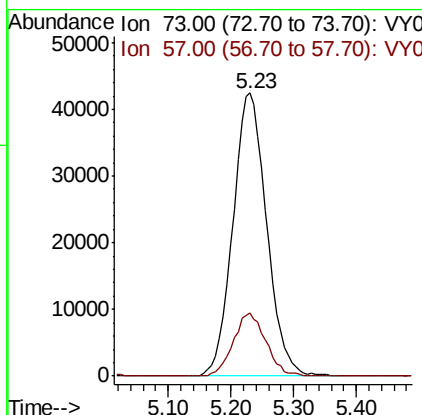
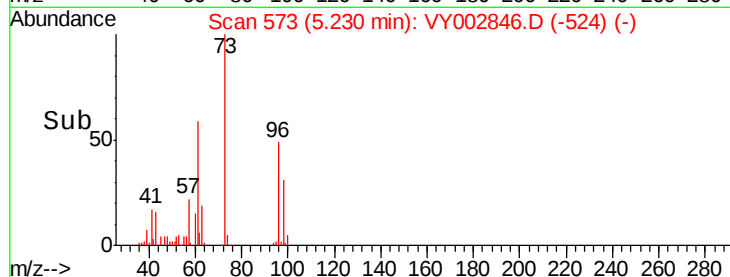
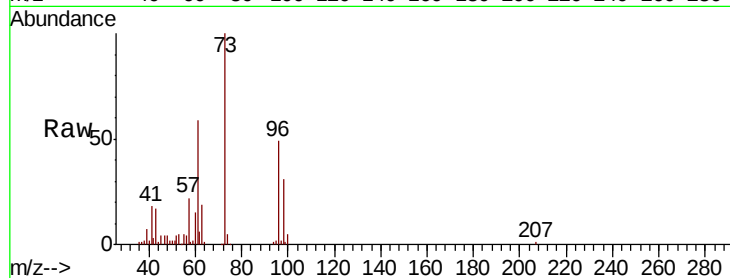




#19
Methyl tert-butyl Ether
Concen: 21.631 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.00 min
Lab File: VY002846.D
Acq: 05 Jun 2020 14:15

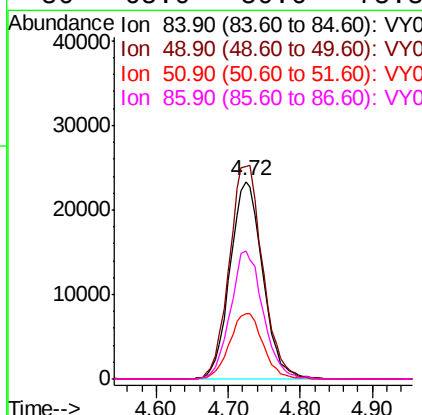
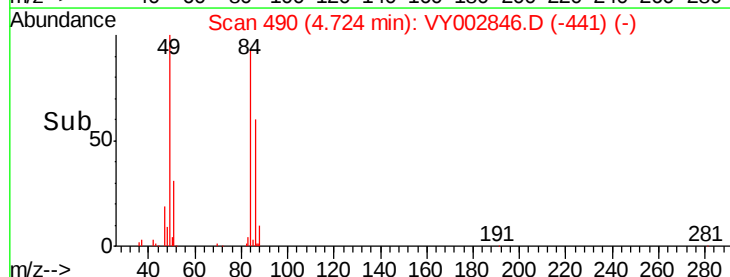
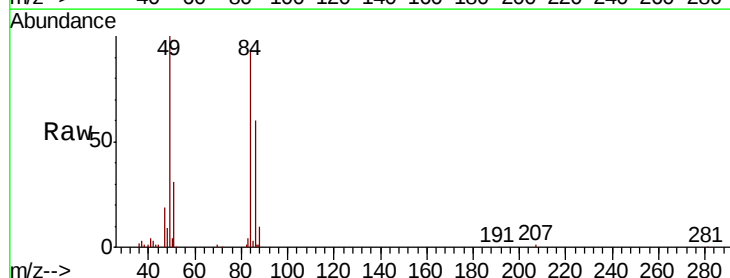
Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBS01

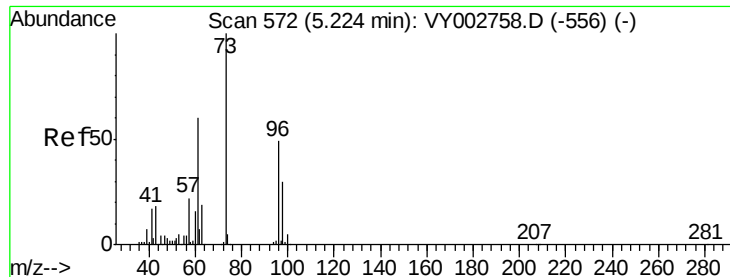
Tot Ion: 73 Resp: 157613
Ion Ratio Lower Upper
73 100
57 22.3 17.0 25.4



#20
Methylene Chloride
Concen: 23.847 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY002846.D
Acq: 05 Jun 2020 14:15

Tgt Ion: 84 Resp: 73616
Ion Ratio Lower Upper
84 100
49 107.7 88.5 132.7
51 33.3 26.8 40.2
86 65.0 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 21.443 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY002846.D

Acq: 05 Jun 2020 14:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0605SBS01

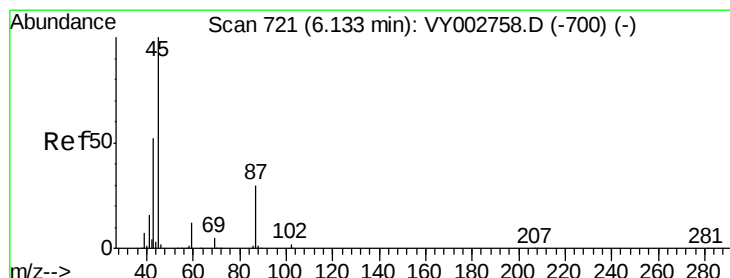
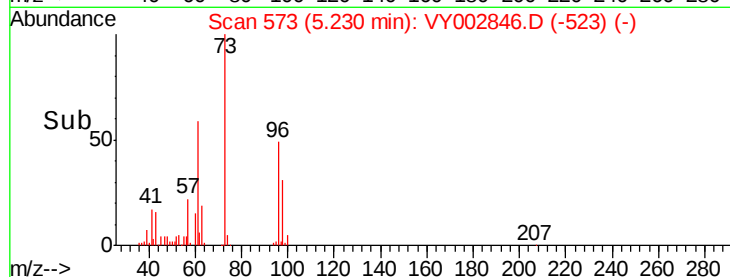
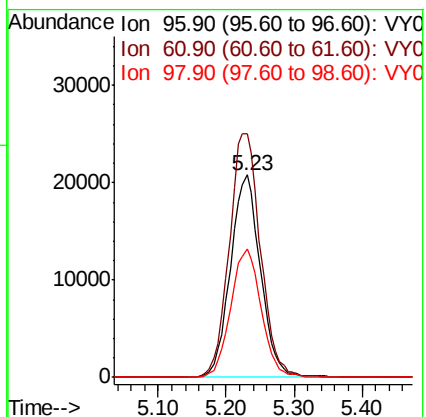
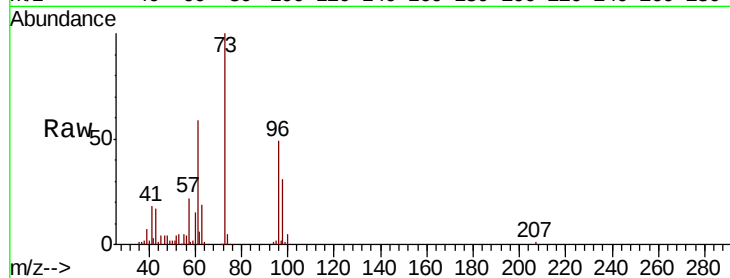
Tot Ion: 96 Resp: 63648

Ion Ratio Lower Upper

96 100

61 120.4 96.8 145.2

98 63.7 49.4 74.0



#22

Diisopropyl ether

Concen: 22.589 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY002846.D

Acq: 05 Jun 2020 14:15

Tgt Ion: 45 Resp: 177698

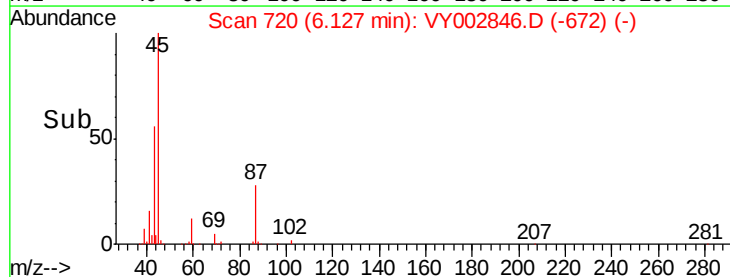
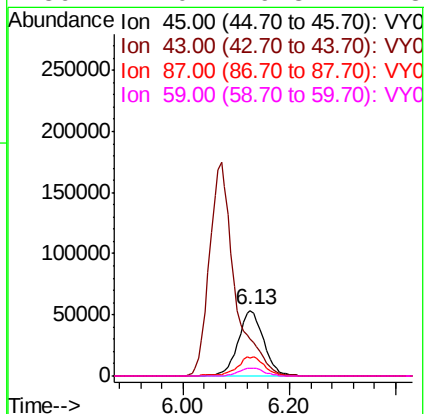
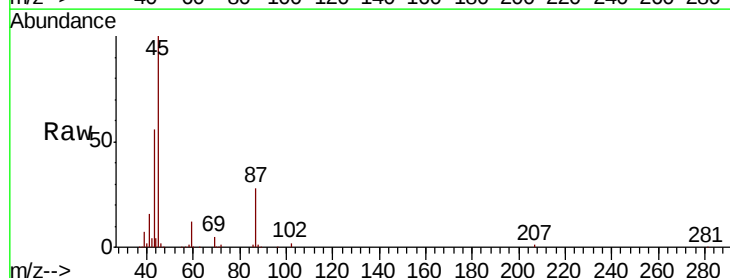
Ion Ratio Lower Upper

45 100

43 56.1 41.7 62.5

87 28.1 24.2 36.2

59 12.0 9.8 14.8





#23

Vinyl Acetate

Concen: 110.984 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.00 min

Lab File: VY002846.D

Acq: 05 Jun 2020 14:15

Instrument :

MSVOA_Y

ClientSampleId :

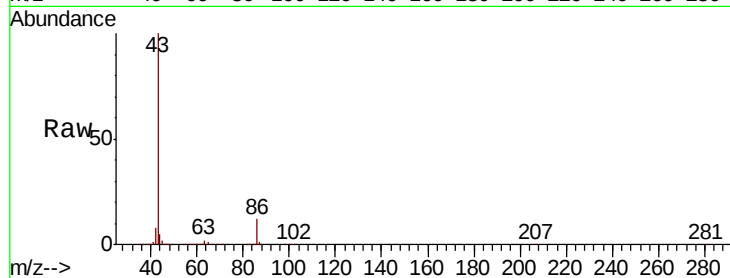
VY0605SBS01

Tot Ion: 43 Resp: 576410

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

200000

150000

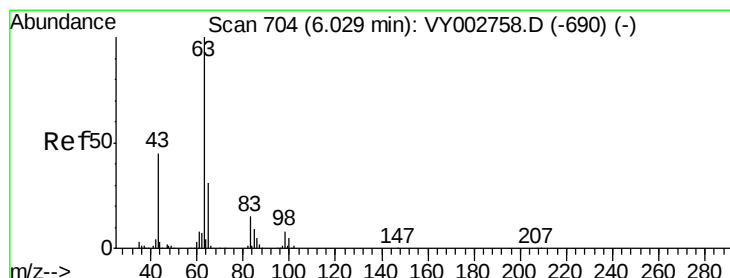
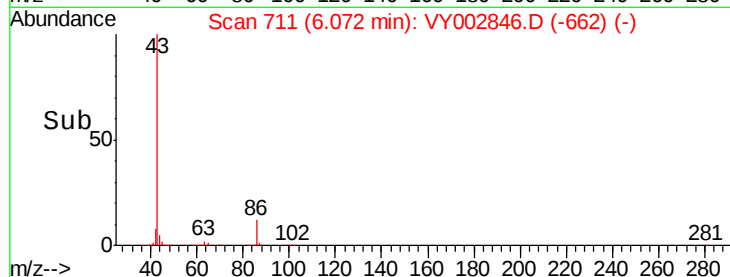
100000

50000

0

6.00 6.20

Time-->



#24

1,1-Dichloroethane

Concen: 22.245 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY002846.D

Acq: 05 Jun 2020 14:15

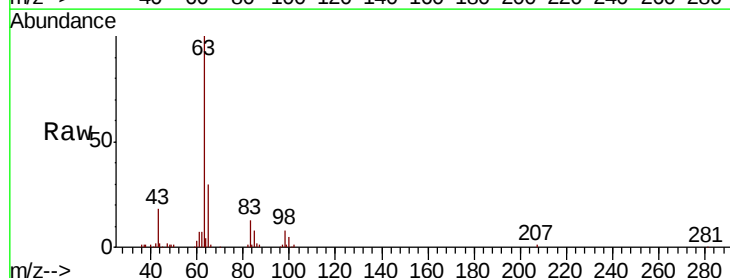
Tgt Ion: 63 Resp: 102365

Ion Ratio Lower Upper

63 100

98 7.7 4.0 12.2

100 5.0 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

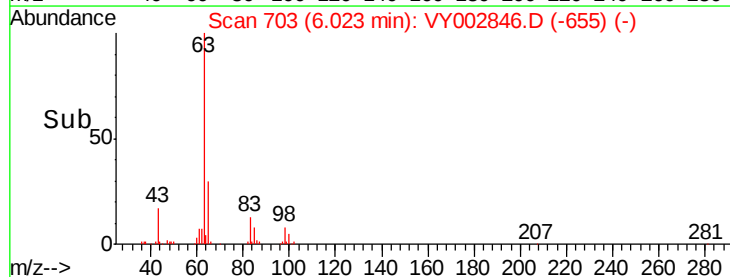
20000

10000

0

5.90 6.10 6.20

Time-->

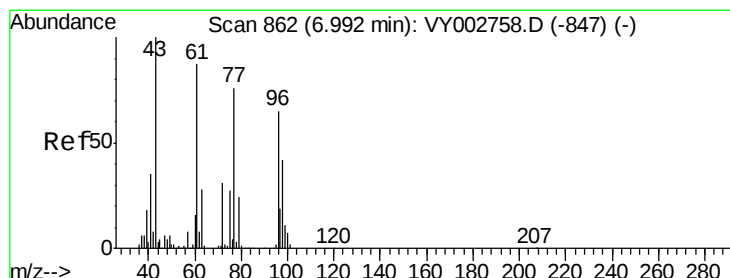
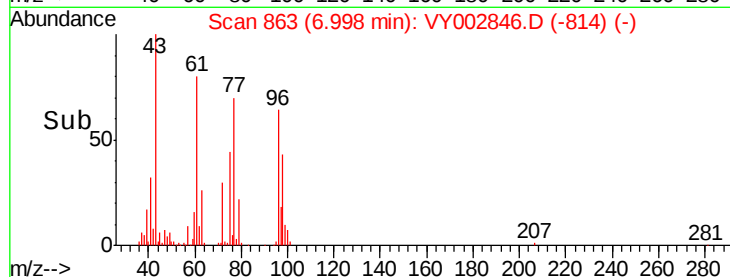
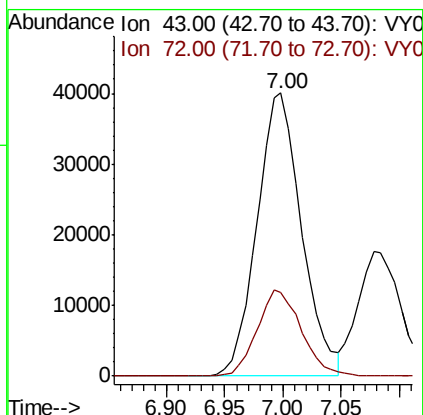
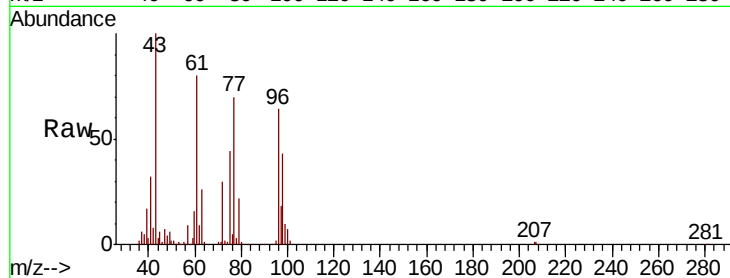




#25
2-Butanone
Concen: 107.841 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.00 min
Lab File: VY002846.D
Acq: 05 Jun 2020 14:15

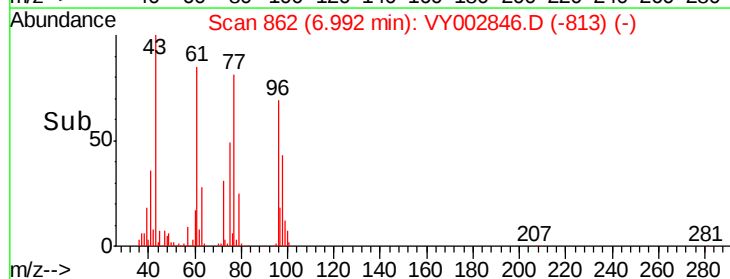
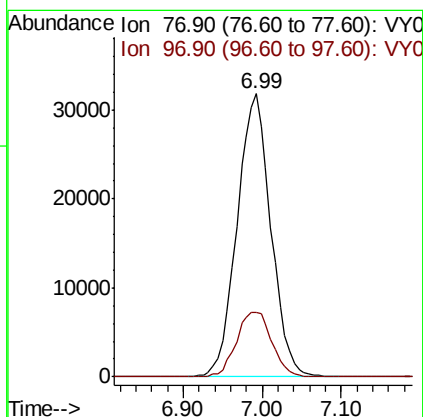
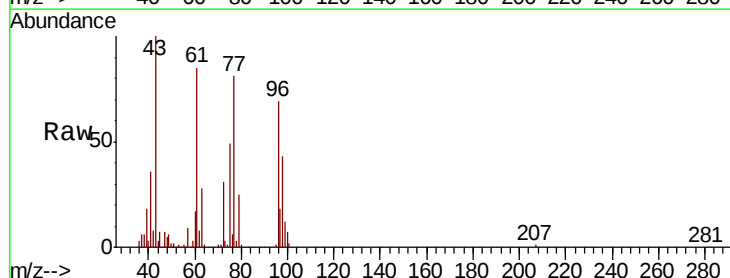
Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBSD01

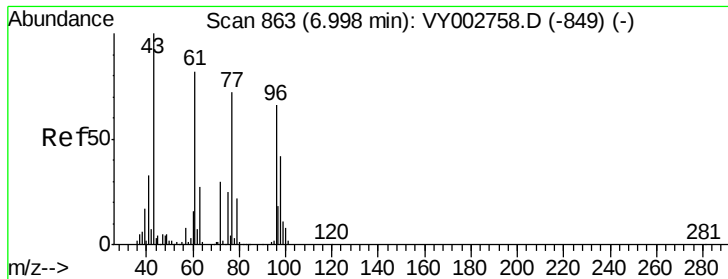
Tot Ion: 43 Resp: 106132
Ion Ratio Lower Upper
43 100
72 29.7 23.9 35.9



#26
2,2-Dichloropropane
Concen: 21.379 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY002846.D
Acq: 05 Jun 2020 14:15

Tgt Ion: 77 Resp: 94352
Ion Ratio Lower Upper
77 100
97 24.1 12.2 36.6



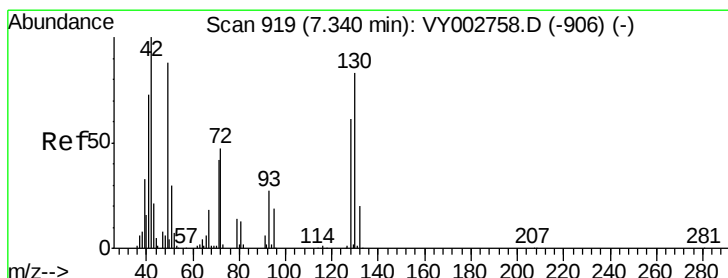
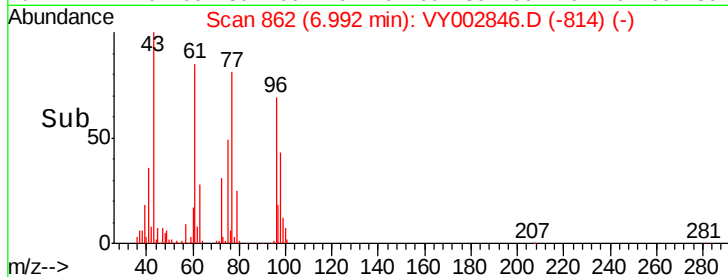
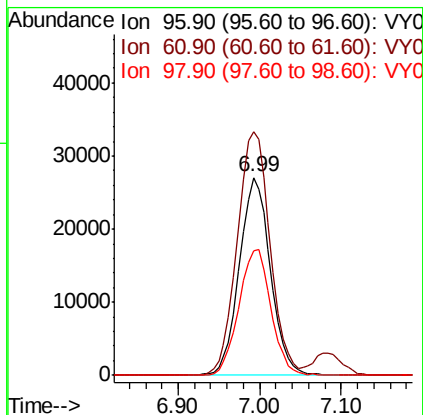
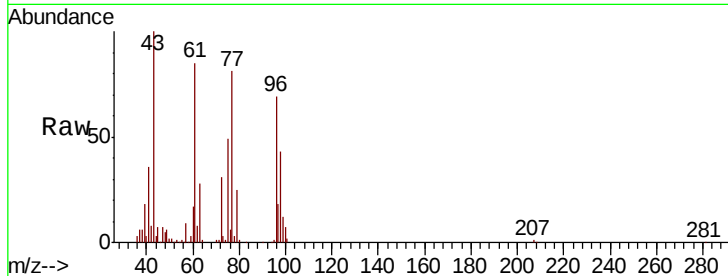


#27

cis-1,2-Dichloroethene
 Concen: 21.579 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VY002846.D
 Acq: 05 Jun 2020 14:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0605SBS01

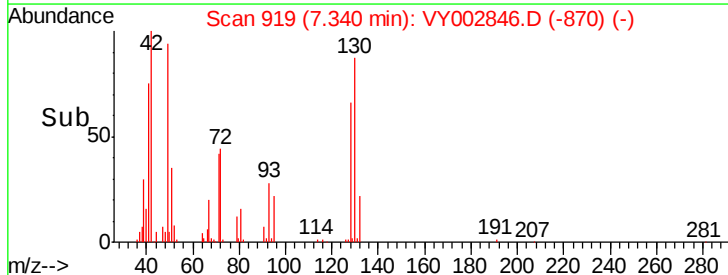
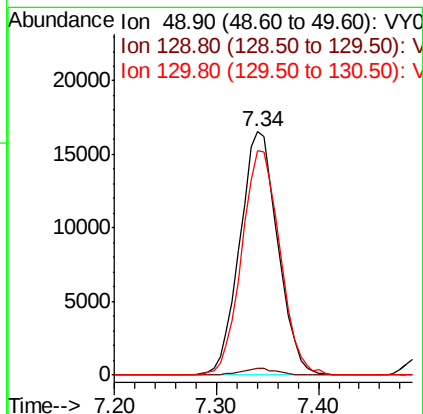
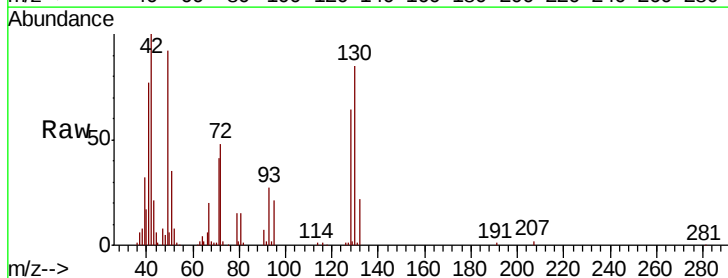
Tot Ion: 96 Resp: 71704
 Ion Ratio Lower Upper
 96 100
 61 129.8 0.0 260.2
 98 65.7 0.0 128.2

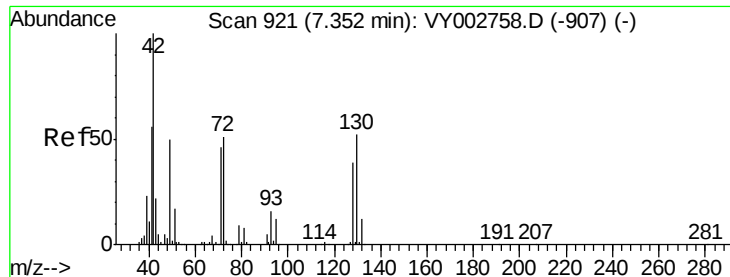


#28

Bromochloromethane
 Concen: 22.701 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: VY002846.D
 Acq: 05 Jun 2020 14:15

Tgt Ion: 49 Resp: 42884
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 5.2
 130 92.6 77.1 115.7





#29

Tetrahydrofuran

Concen: 111.556 ug/l

RT: 7.36 min Scan# 922

Delta R.T. 0.01 min

Lab File: VY002846.D

Acq: 05 Jun 2020 14:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0605SBSD01

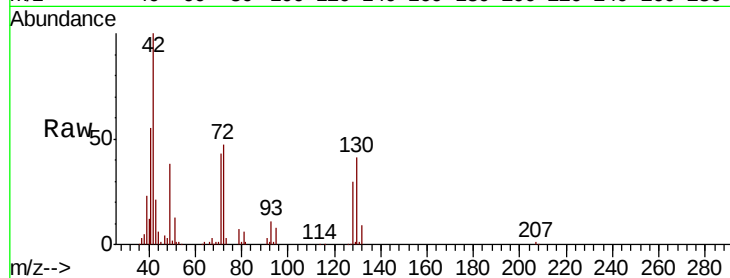
Tot Ion: 42 Resp: 71413

Ion Ratio Lower Upper

42 100

72 47.2 38.6 58.0

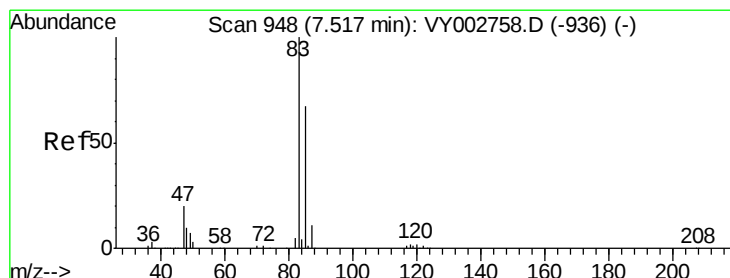
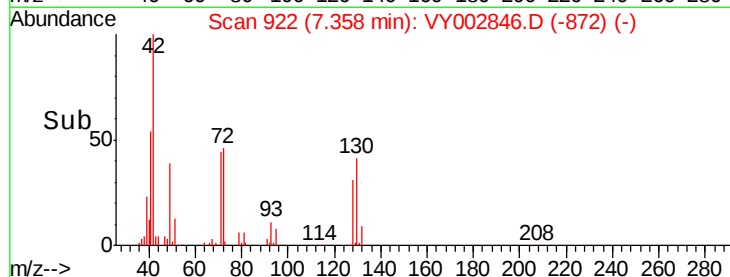
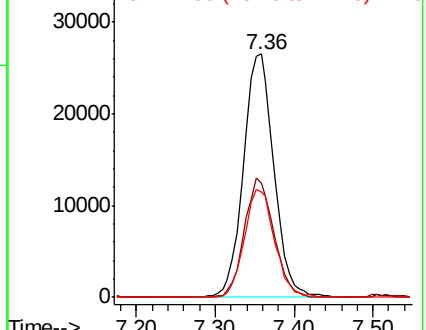
71 44.1 35.8 53.8



Abundance Ion 42.00 (41.70 to 42.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

Ion 71.00 (70.70 to 71.70): VY0



#30

Chloroform

Concen: 22.115 ug/l

RT: 7.52 min Scan# 948

Delta R.T. 0.00 min

Lab File: VY002846.D

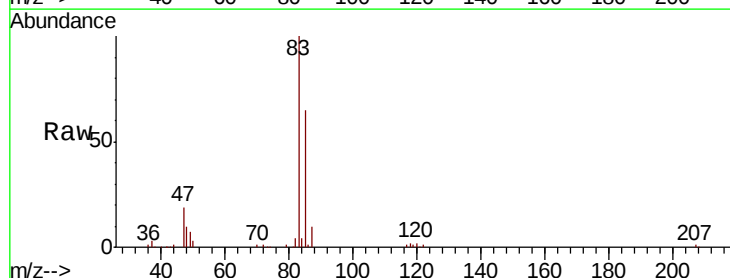
Acq: 05 Jun 2020 14:15

Tgt Ion: 83 Resp: 107989

Ion Ratio Lower Upper

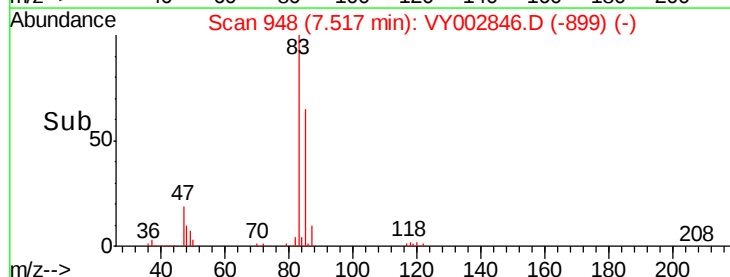
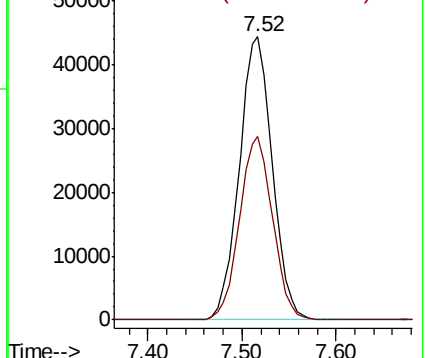
83 100

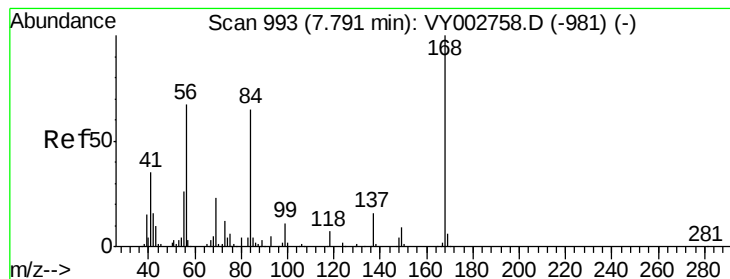
85 64.7 53.8 80.8



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 21.483 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY002846.D

Acq: 05 Jun 2020 14:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0605SBS01

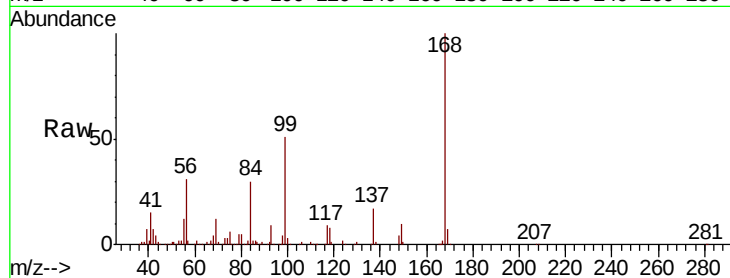
Tot Ion: 56 Resp: 98150

Ion Ratio Lower Upper

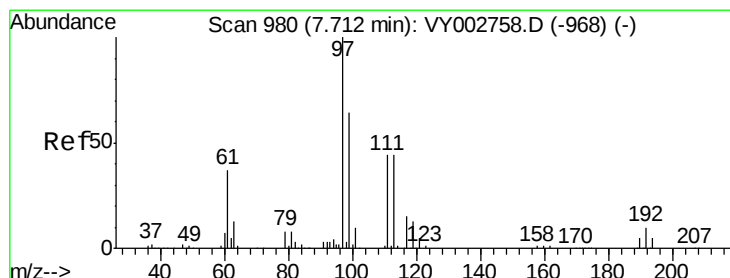
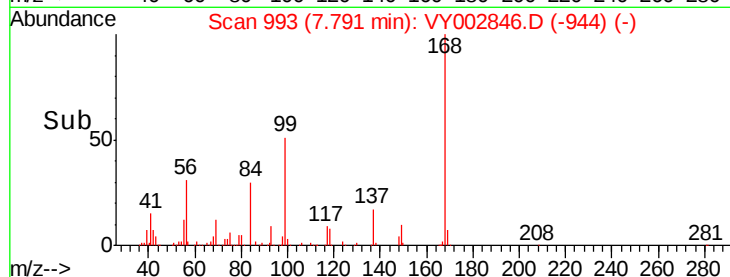
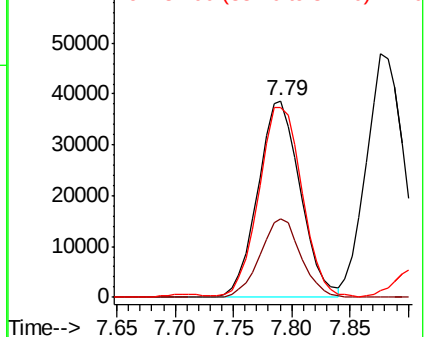
56 100

69 39.6 28.0 42.0

84 94.9 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: 21.410 ug/l

RT: 7.71 min Scan# 980

Delta R.T. 0.00 min

Lab File: VY002846.D

Acq: 05 Jun 2020 14:15

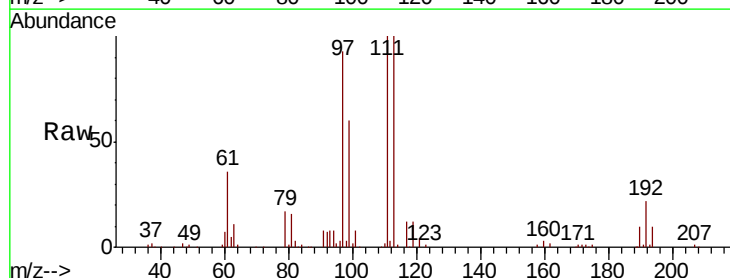
Tgt Ion: 97 Resp: 97420

Ion Ratio Lower Upper

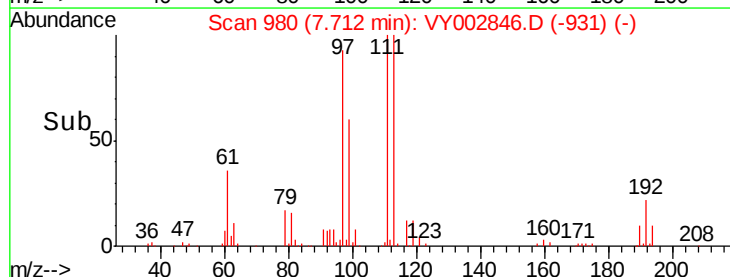
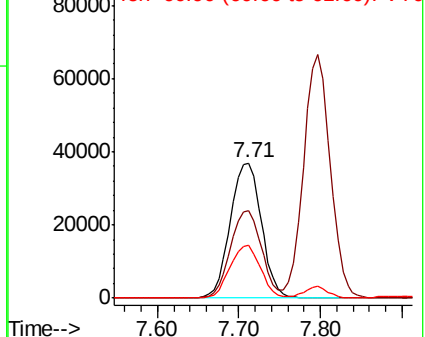
97 100

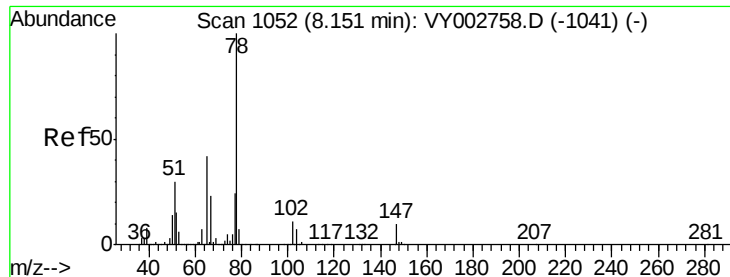
99 64.3 51.4 77.0

61 38.4 30.1 45.1



Abundance Ion 96.90 (96.60 to 97.60): VY0
Ion 98.90 (98.60 to 99.60): VY0
Ion 60.90 (60.60 to 61.60): VY0

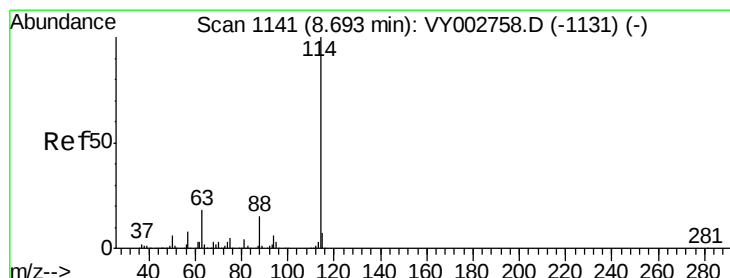
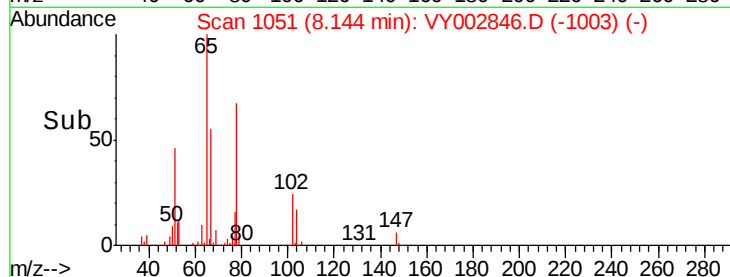
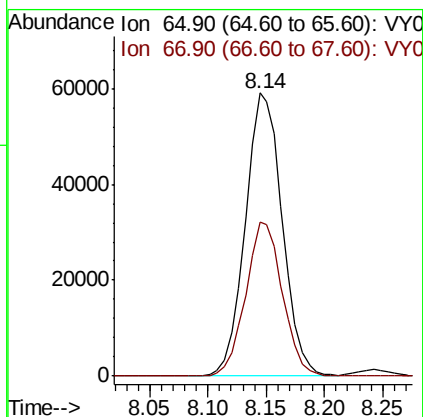
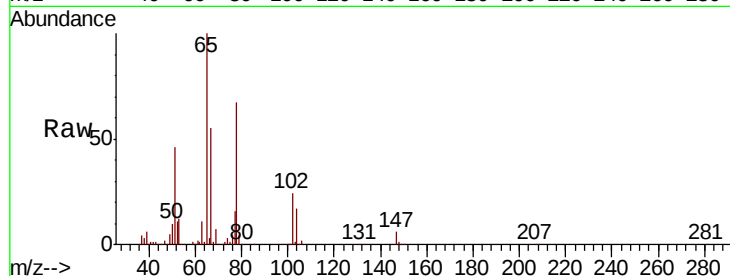




#33
 1,2-Dichloroethane-d4
 Concen: 48.528 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: VY002846.D
 Acq: 05 Jun 2020 14:15

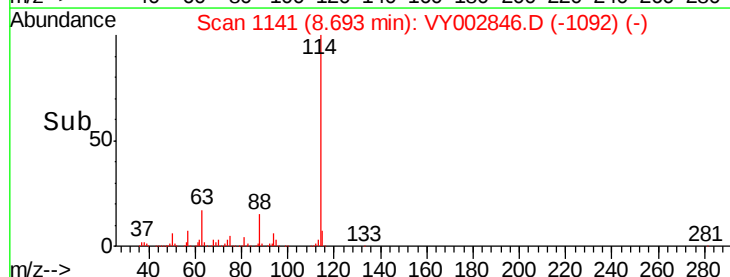
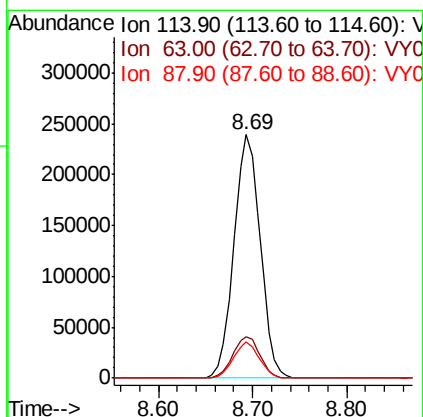
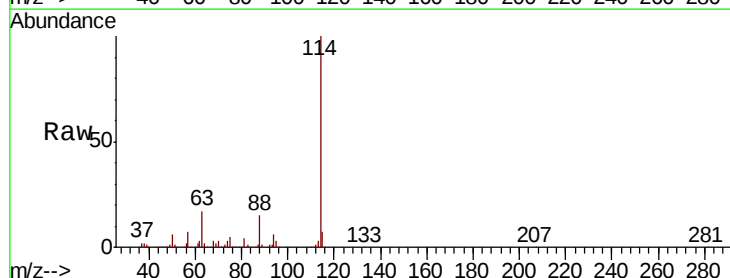
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0605SBS01

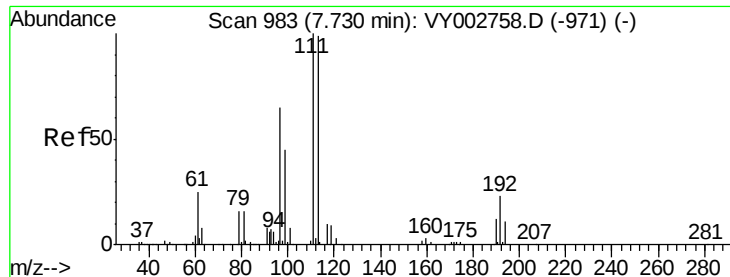
Tot Ion: 65 Resp: 130729
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002846.D
 Acq: 05 Jun 2020 14:15

Tgt Ion: 114 Resp: 463690
 Ion Ratio Lower Upper
 114 100
 63 17.0 0.0 35.2
 88 14.8 0.0 29.2





#35

Dibromofluoromethane

Concen: 49.853 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY002846.D

Acq: 05 Jun 2020 14:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0605SBS01

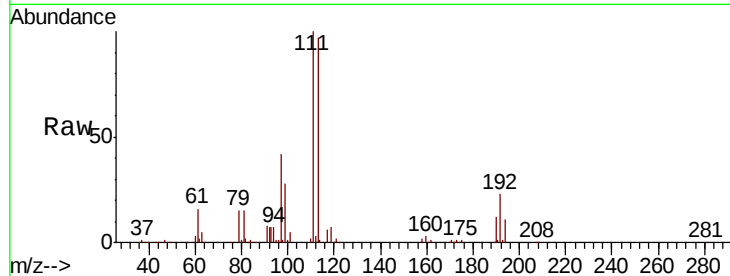
Tot Ion:113 Resp: 135473

Ion Ratio Lower Upper

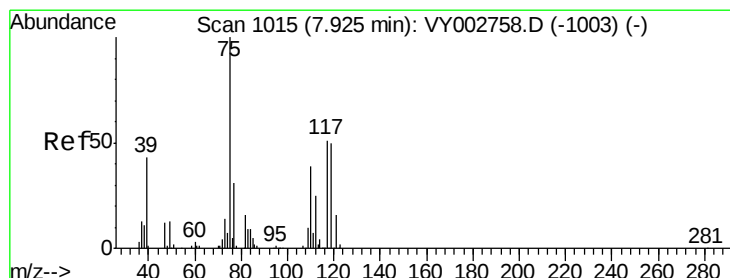
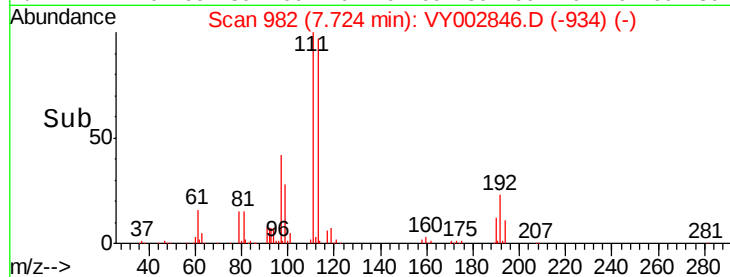
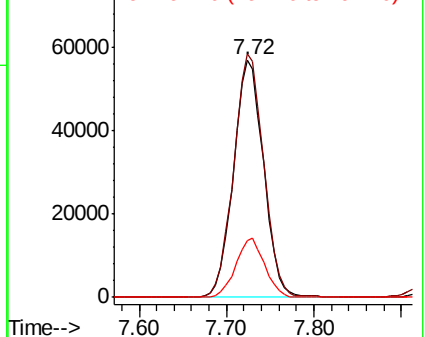
113 100

111 102.5 82.0 123.0

192 23.9 18.9 28.3



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 21.217 ug/l

RT: 7.92 min Scan# 1014

Delta R.T. -0.01 min

Lab File: VY002846.D

Acq: 05 Jun 2020 14:15

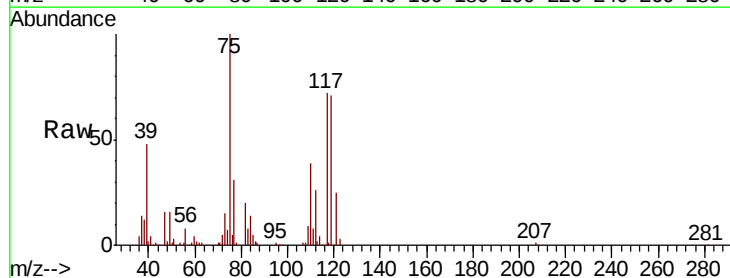
Tgt Ion: 75 Resp: 82872

Ion Ratio Lower Upper

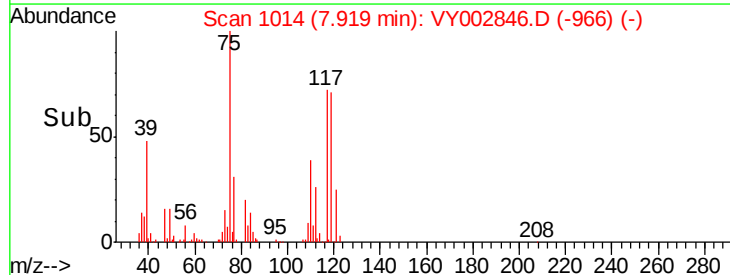
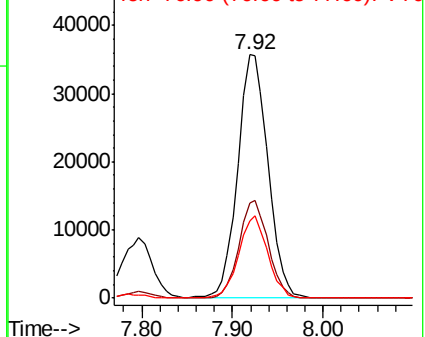
75 100

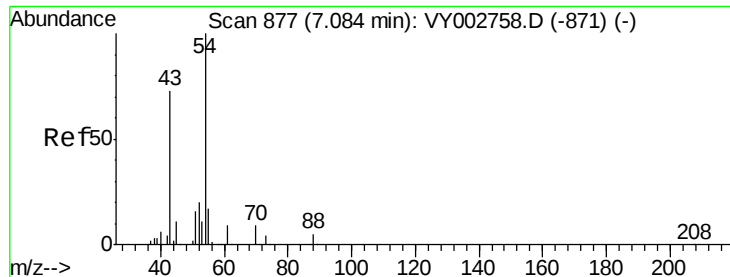
110 38.5 19.3 57.9

77 32.0 24.8 37.2



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VY0

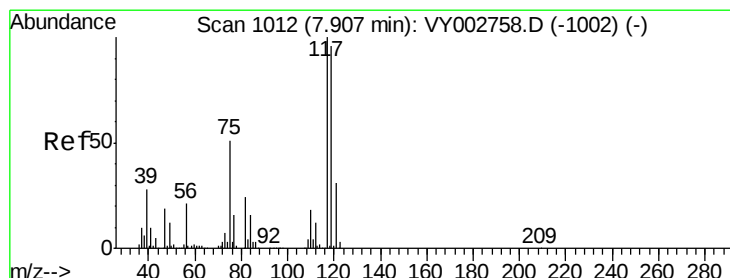
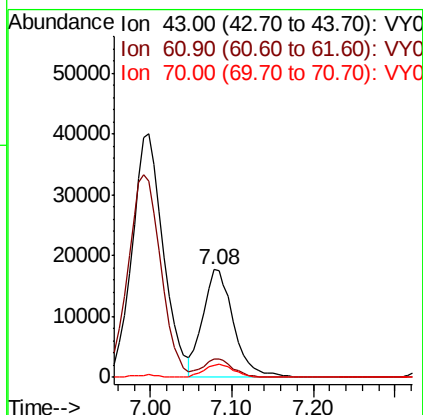
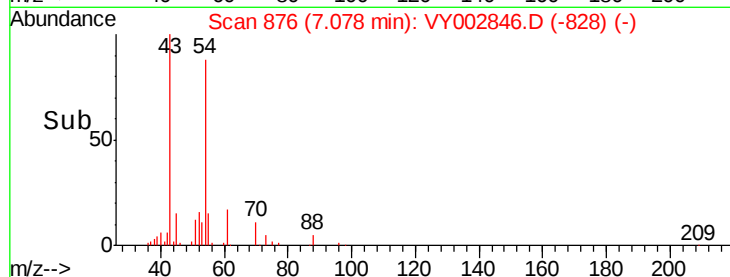
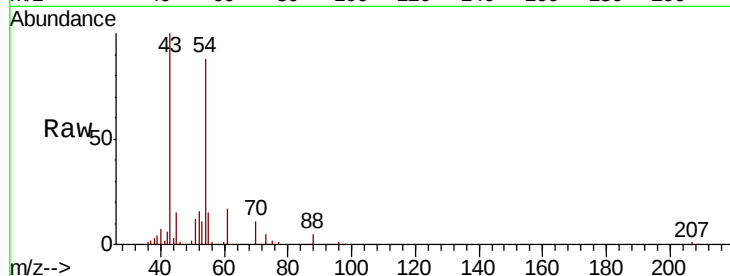




#37
Ethyl Acetate
Concen: 22.110 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY002846.D
Acq: 05 Jun 2020 14:15

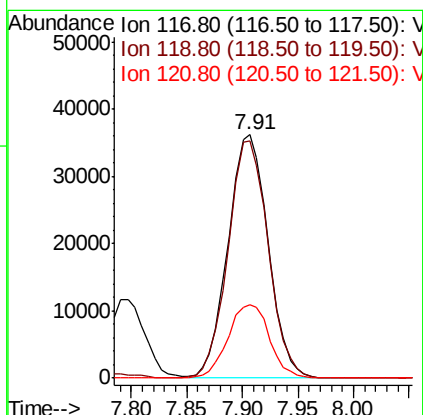
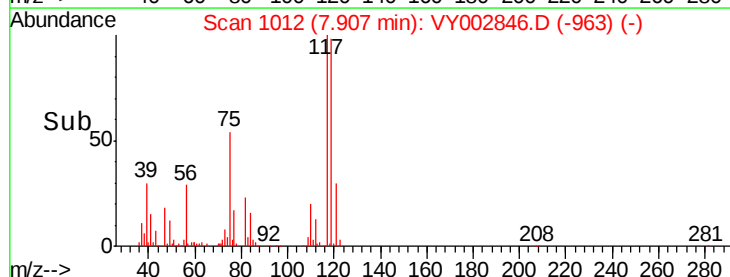
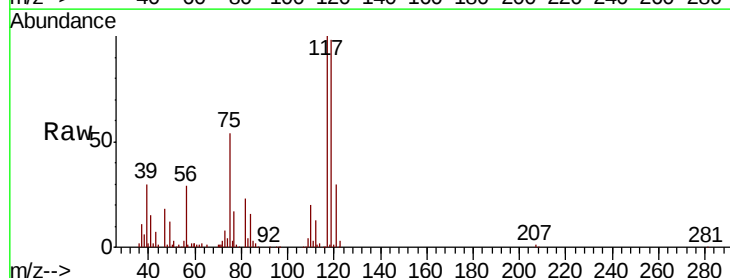
Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBSD01

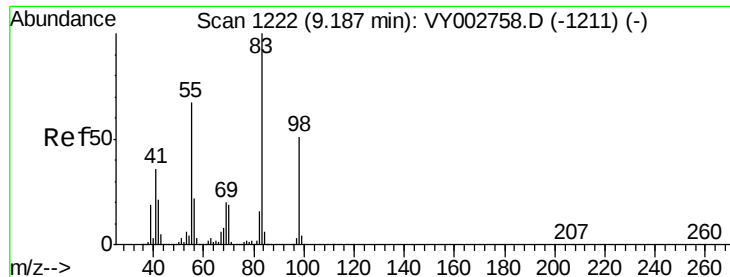
Tot Ion: 43 Resp: 46988
Ion Ratio Lower Upper
43 100
61 16.0 11.9 17.9
70 11.6 9.1 13.7



#38
Carbon Tetrachloride
Concen: 20.857 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY002846.D
Acq: 05 Jun 2020 14:15

Tgt Ion: 117 Resp: 90501
Ion Ratio Lower Upper
117 100
119 97.6 76.8 115.2
121 30.3 24.8 37.2

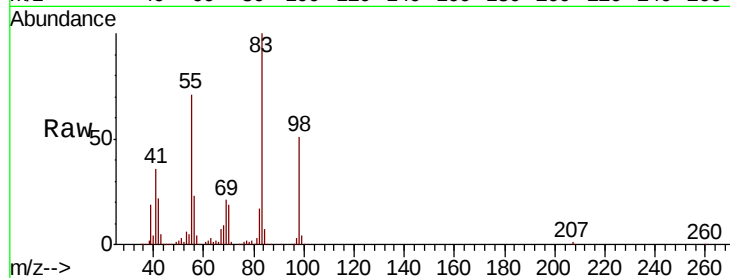




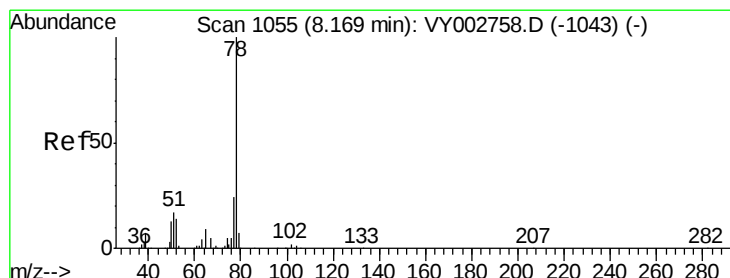
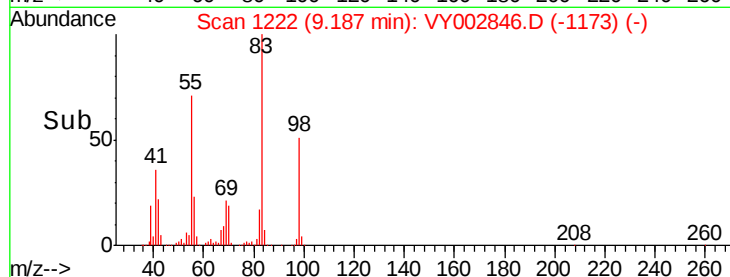
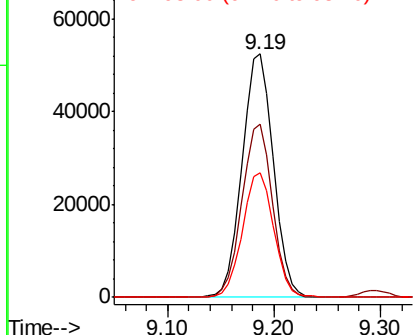
#39
Methvlcvclohexane
Concen: 21.098 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY002846.D
Acq: 05 Jun 2020 14:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBSD01

Tot Ion: 83 Resp: 108625
Ion Ratio Lower Upper
83 100
55 71.1 53.3 79.9
98 51.3 41.1 61.7

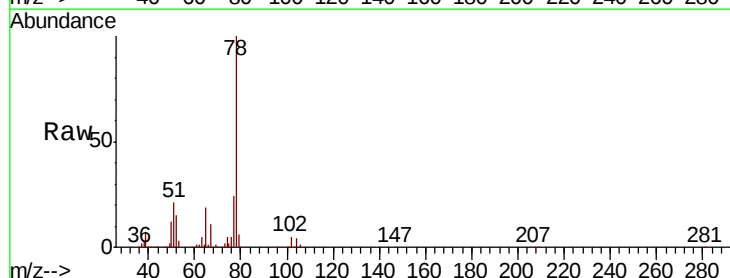


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

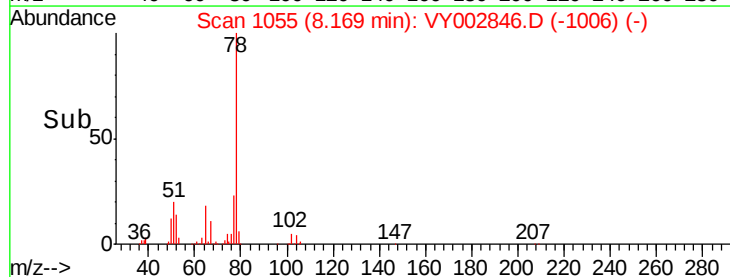
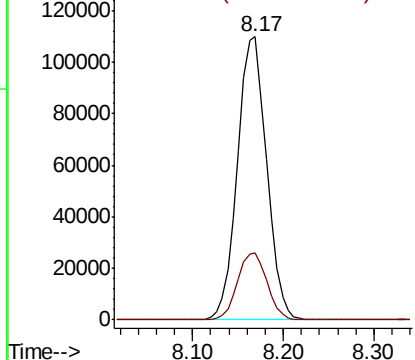


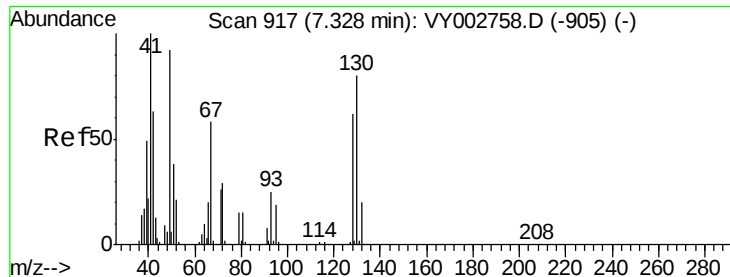
#40
Benzene
Concen: 21.389 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY002846.D
Acq: 05 Jun 2020 14:15

Tgt Ion: 78 Resp: 246862
Ion Ratio Lower Upper
78 100
77 23.5 18.8 28.2



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

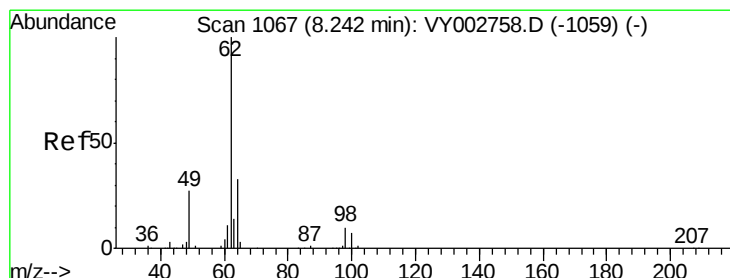
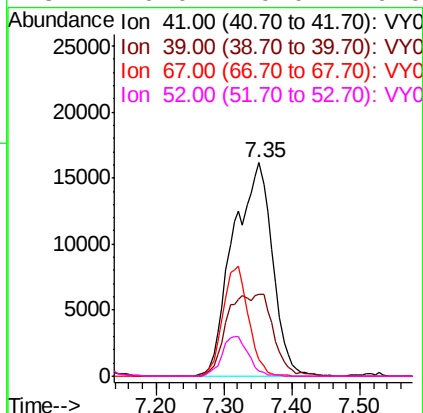
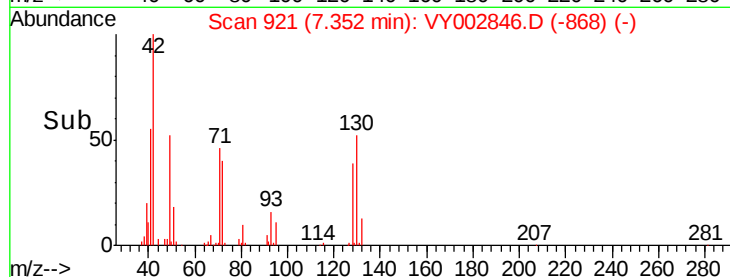
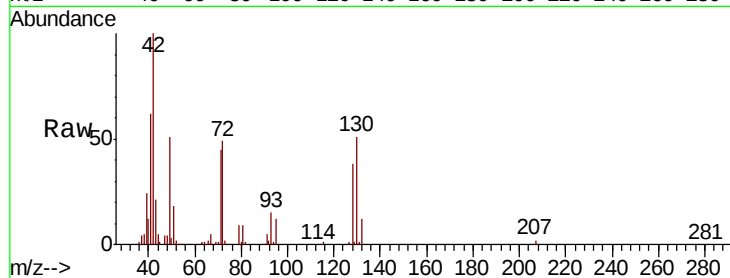




#41
Methacrylonitrile
Concen: 57.043 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.02 min
Lab File: VY002846.D
Acq: 05 Jun 2020 14:15

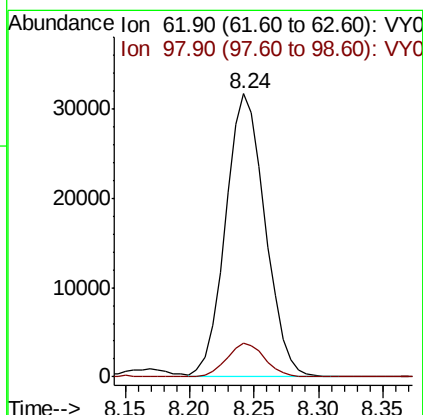
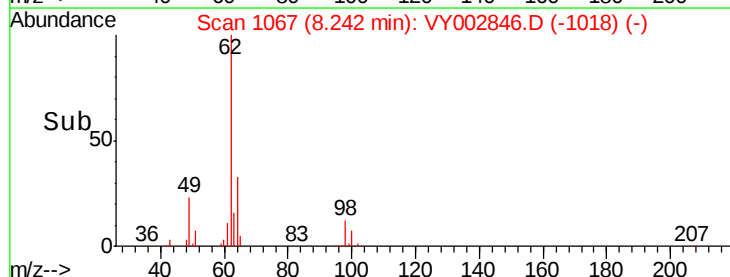
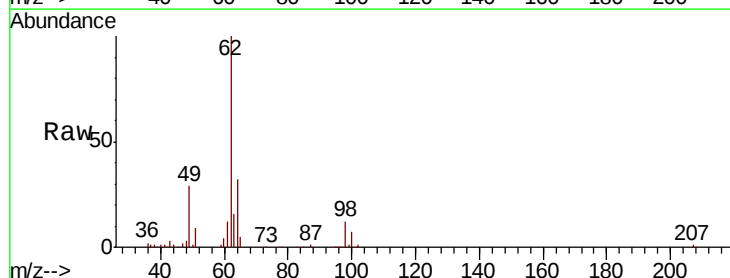
Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBS01

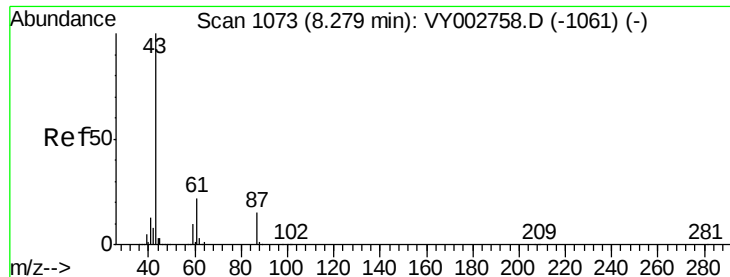
Tot Ion:	41	Resp:	65126
Ion	Ratio	Lower	Upper
41	100		
39	0.0	97.6	146.4#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 20.997 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY002846.D
Acq: 05 Jun 2020 14:15

Tgt Ion:	62	Resp:	67916
Ion	Ratio	Lower	Upper
62	100		
98	11.5	0.0	22.6



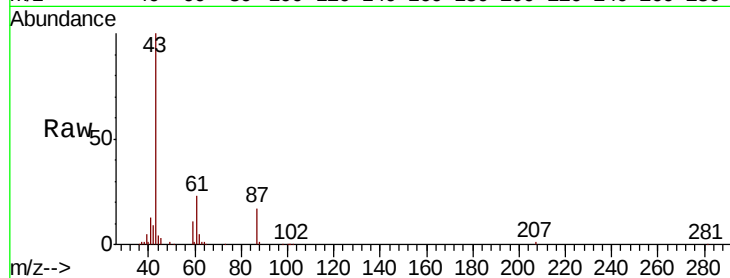


#43

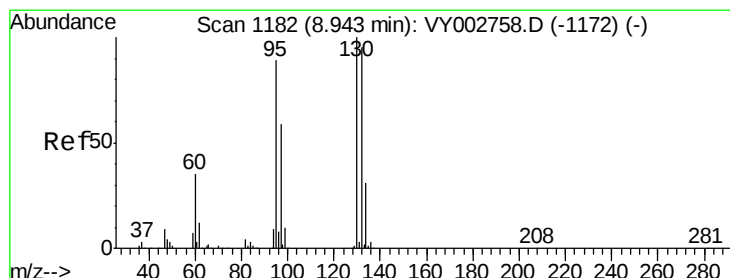
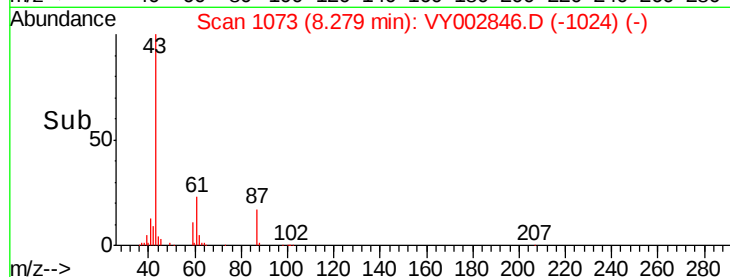
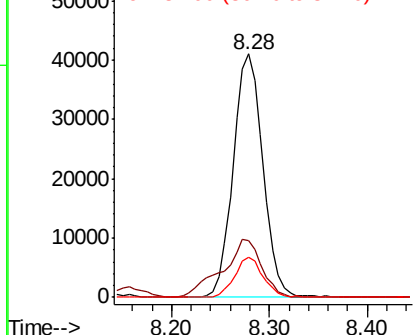
Isopropyl Acetate
 Concen: 21.517 ug/l
 RT: 8.28 min Scan# 1073
 Delta R.T. 0.00 min
 Lab File: VY002846.D
 Acq: 05 Jun 2020 14:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0605SBS01

Tot Ion	43	Resp	86654
Ion Ratio	Lower	Upper	
43	100		
61	31.2	24.8	37.2
87	15.8	12.4	18.6



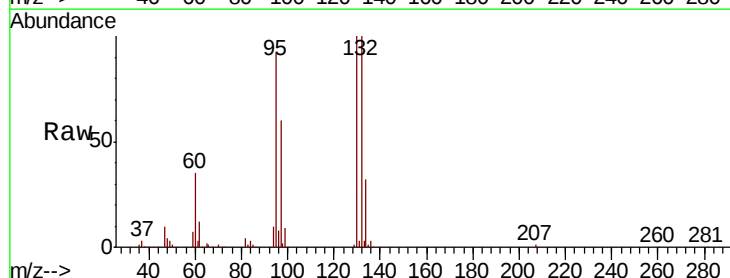
Abundance Ion 43.00 (42.70 to 43.70): VY0
 Ion 61.00 (60.70 to 61.70): VY0
 Ion 87.00 (86.70 to 87.70): VY0



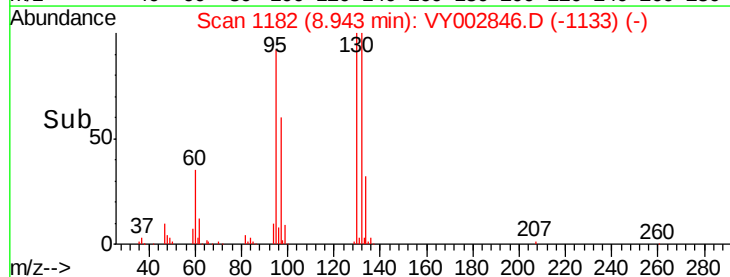
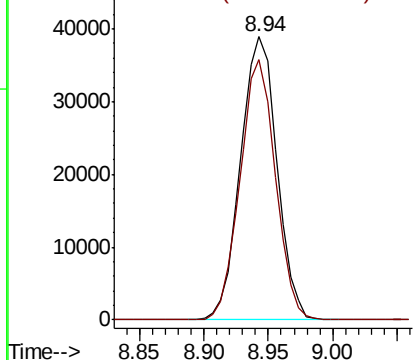
#44

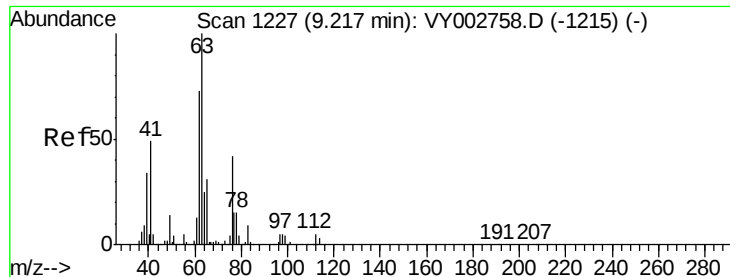
Trichloroethene
 Concen: 20.848 ug/l
 RT: 8.94 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VY002846.D
 Acq: 05 Jun 2020 14:15

Tgt Ion	130	Resp	76003
Ion Ratio	Lower	Upper	
130	100		
95	91.9	0.0	178.8



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





#45

1,2-Dichloropropane

Concen: 21.693 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. 0.00 min

Lab File: VY002846.D

Acq: 05 Jun 2020 14:15

Instrument :

MSVOA_Y

ClientSampleId :

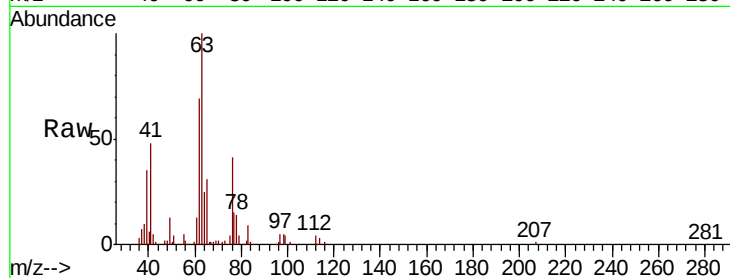
VY0605SBS01

Tot Ion: 63 Resp: 60040

Ion Ratio Lower Upper

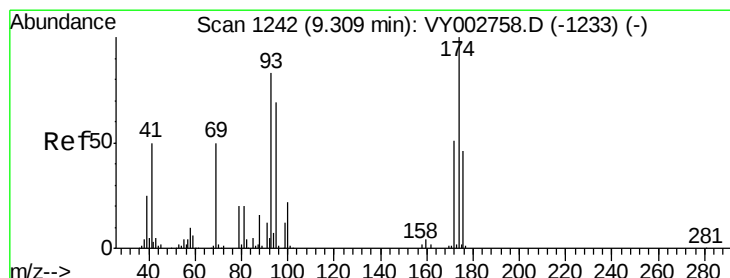
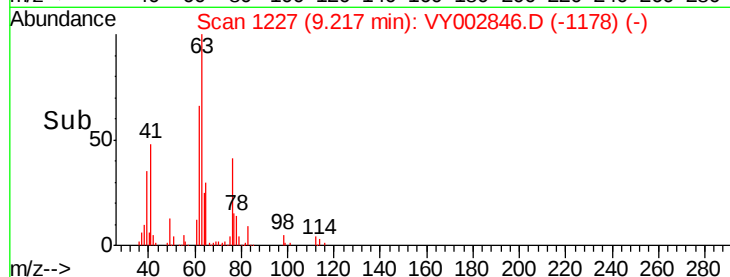
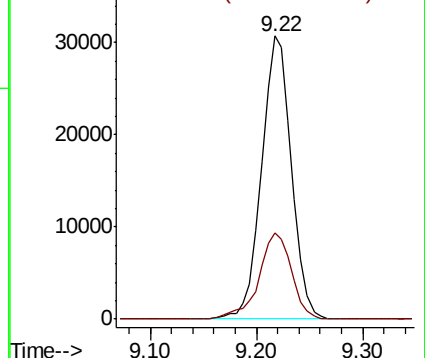
63 100

65 30.7 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 21.324 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VY002846.D

Acq: 05 Jun 2020 14:15

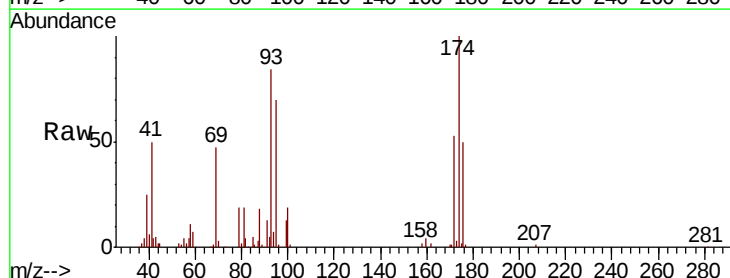
Tgt Ion: 93 Resp: 35051

Ion Ratio Lower Upper

93 100

95 84.6 66.9 100.3

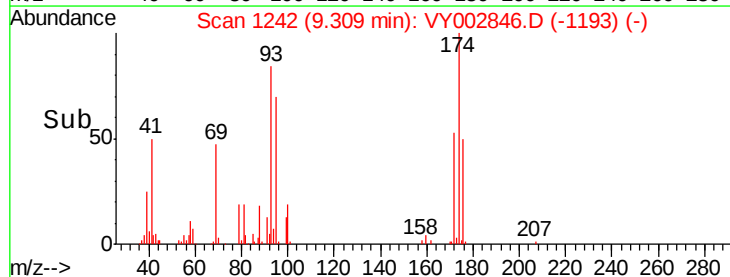
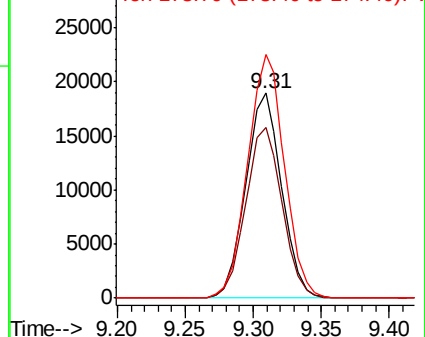
174 121.8 97.7 146.5

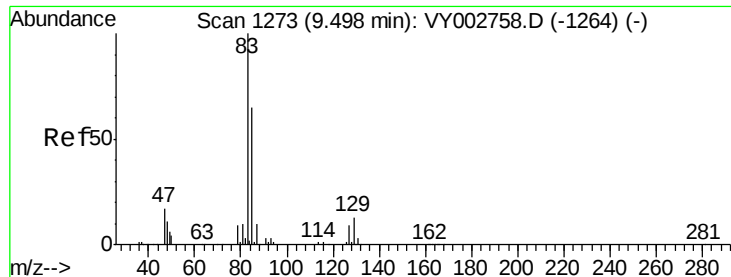


Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 21.567 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY002846.D

Acq: 05 Jun 2020 14:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0605SBS01

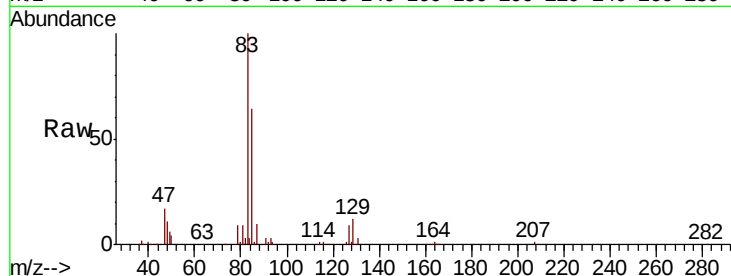
Tot Ion: 83 Resp: 83574

Ion Ratio Lower Upper

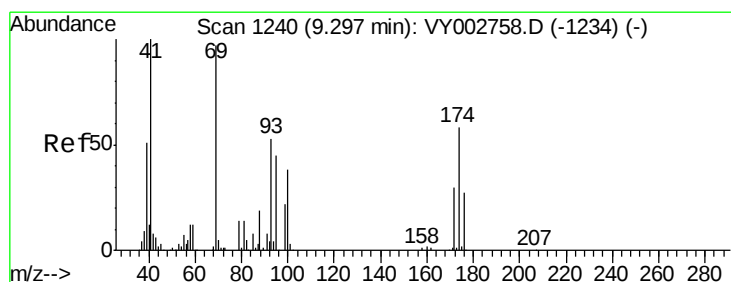
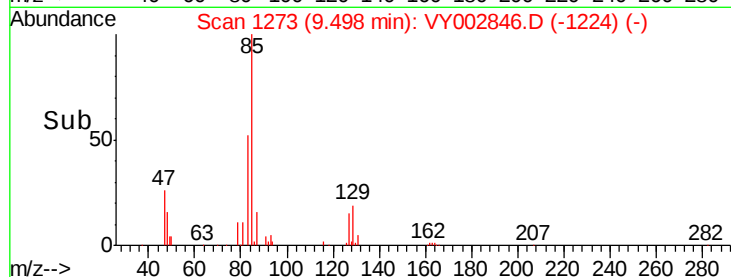
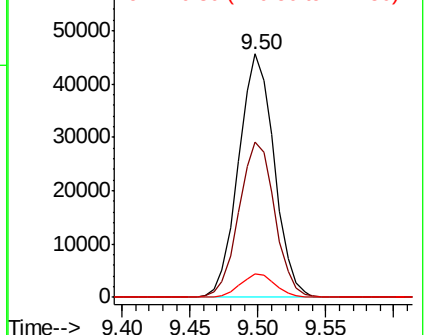
83 100

85 63.6 51.9 77.9

127 9.5 7.1 10.7



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



#48

Methyl methacrylate

Concen: 21.480 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VY002846.D

Acq: 05 Jun 2020 14:15

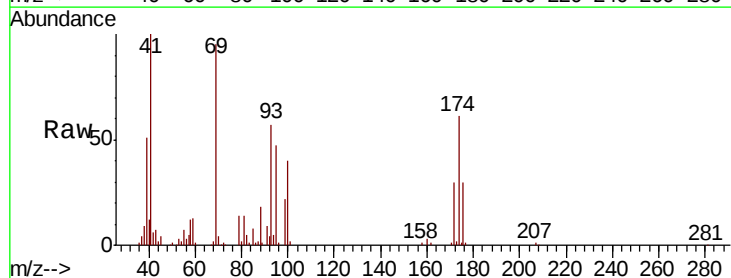
Tgt Ion: 41 Resp: 39051

Ion Ratio Lower Upper

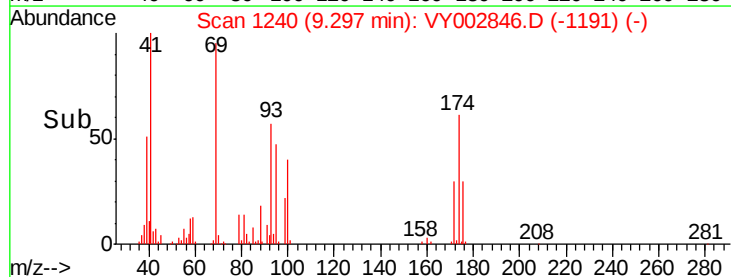
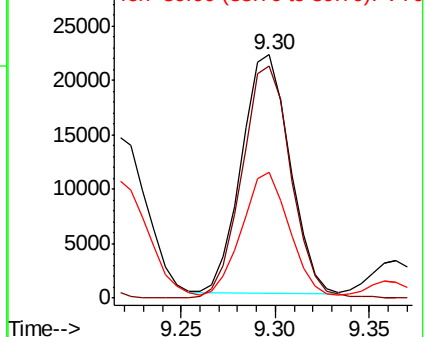
41 100

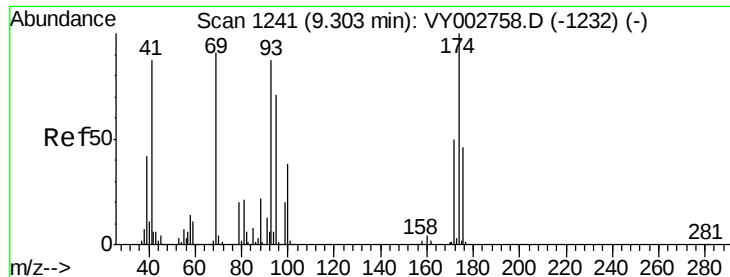
69 98.7 79.7 119.5

39 52.9 43.3 64.9



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

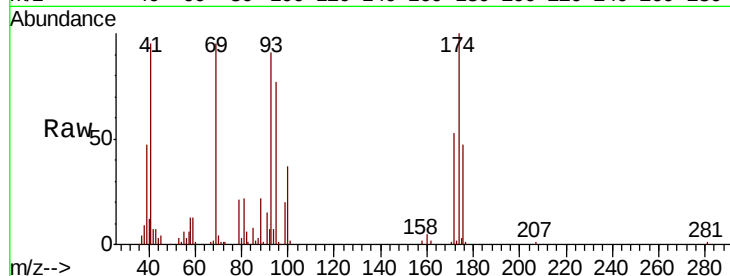




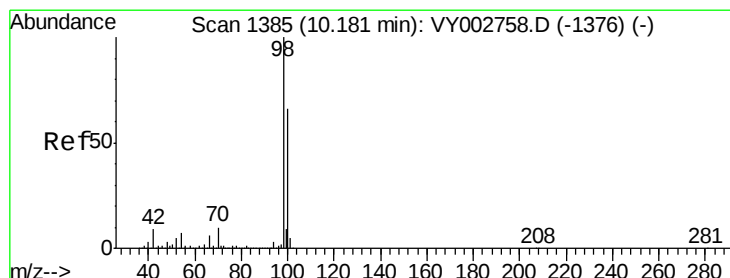
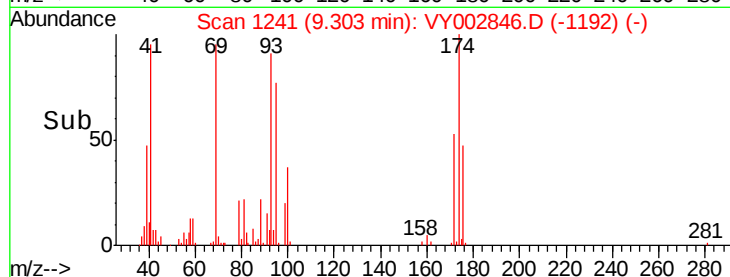
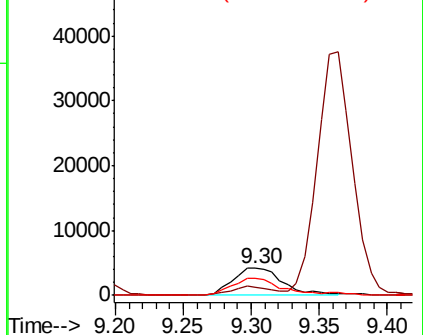
#49
1,4-Dioxane
Concen: 423.153 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VY002846.D
Acq: 05 Jun 2020 14:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBSD01

Tot Ion: 88 Resp: 10680
Ion Ratio Lower Upper
88 100
43 26.8 21.3 31.9
58 61.3 52.2 78.2

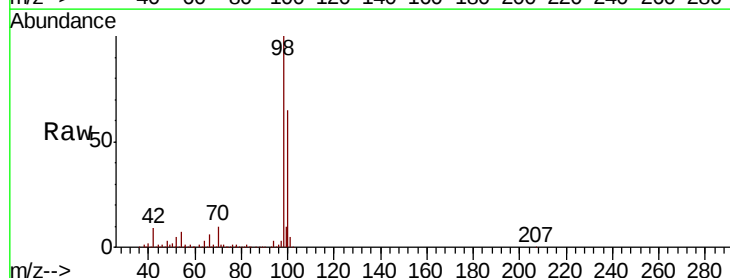


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

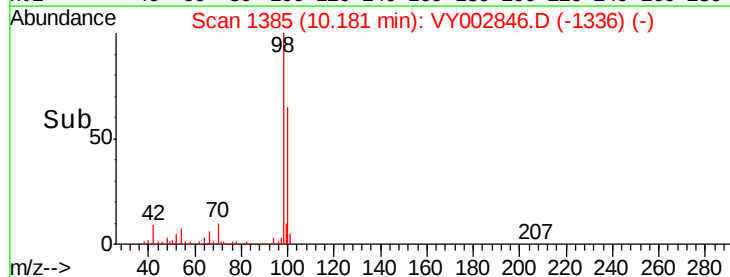
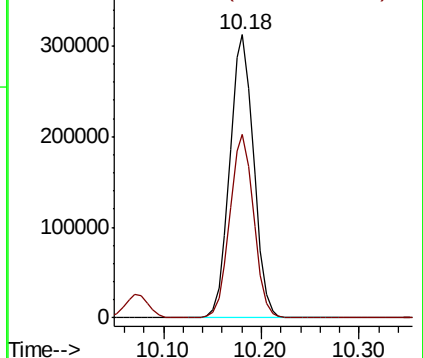


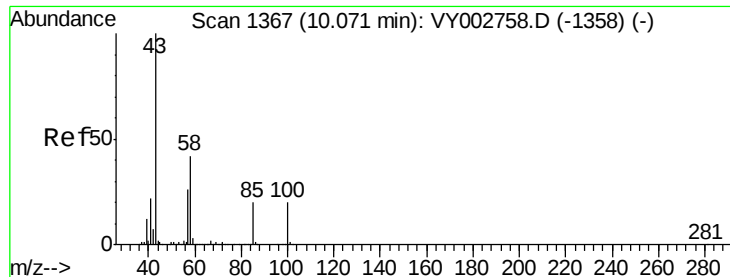
#50
Toluene-d8
Concen: 47.935 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY002846.D
Acq: 05 Jun 2020 14:15

Tgt Ion: 98 Resp: 526676
Ion Ratio Lower Upper
98 100
100 64.9 52.2 78.2



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

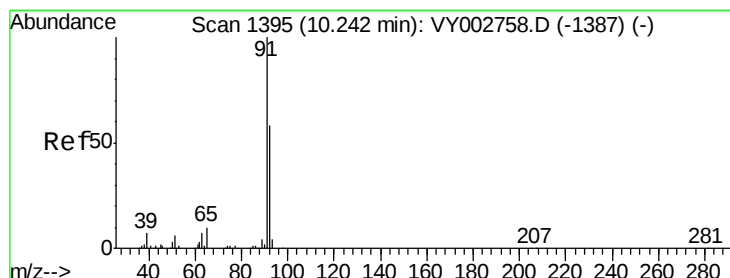
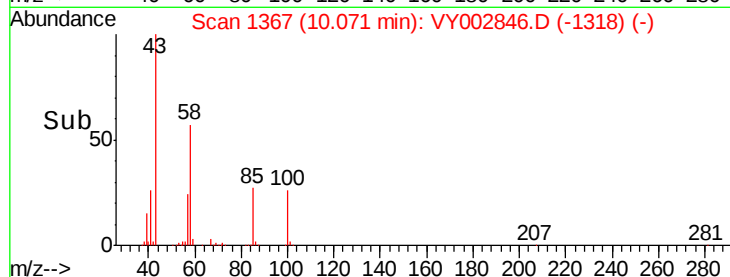
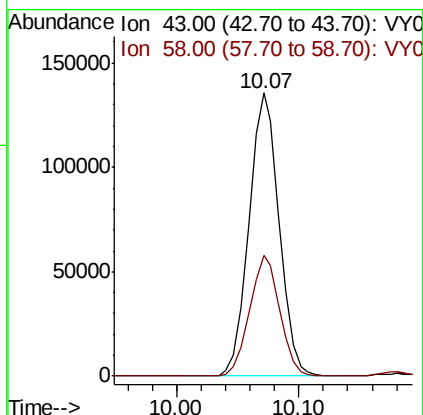
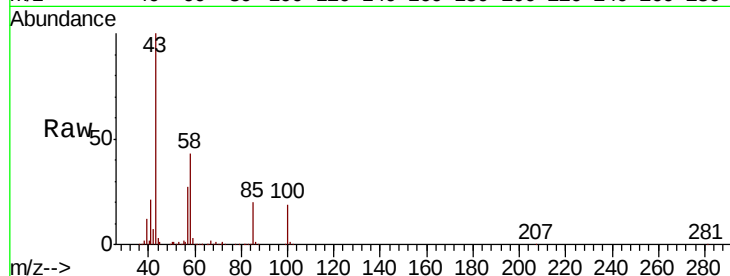




#51
4-Methyl-2-Pentanone
Concen: 108.664 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VY002846.D
Acq: 05 Jun 2020 14:15

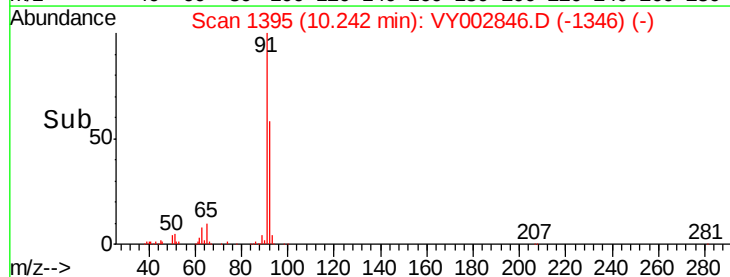
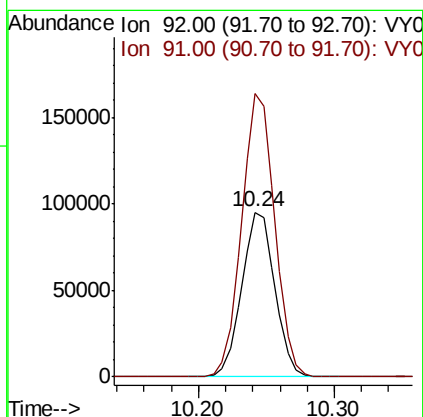
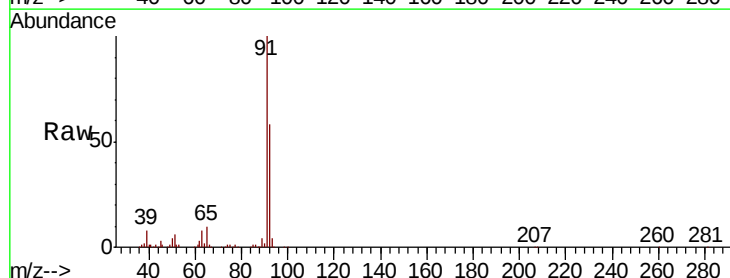
Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBS01

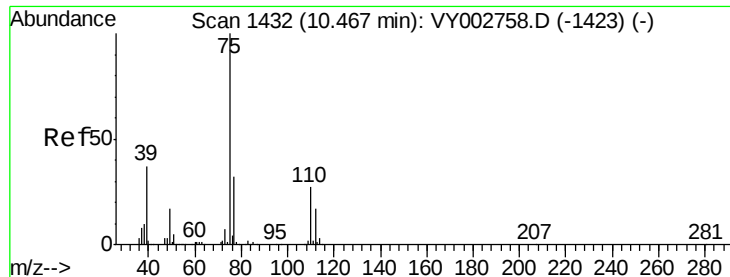
Tot Ion: 43 Resp: 231726
Ion Ratio Lower Upper
43 100
58 42.6 34.2 51.2



#52
Toluene
Concen: 21.377 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. 0.00 min
Lab File: VY002846.D
Acq: 05 Jun 2020 14:15

Tgt Ion: 92 Resp: 161397
Ion Ratio Lower Upper
92 100
91 172.0 138.5 207.7





#53

t-1,3-Dichloropropene

Concen: 21.407 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY002846.D

Acq: 05 Jun 2020 14:15

Instrument :

MSVOA_Y

ClientSampleId :

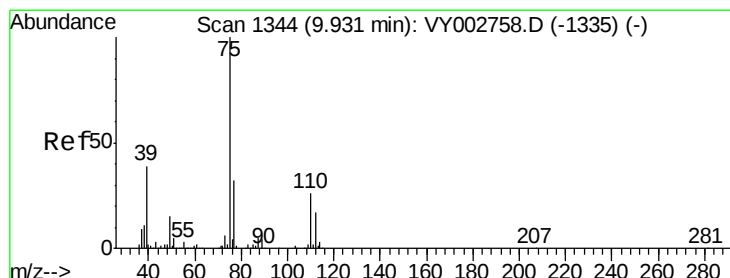
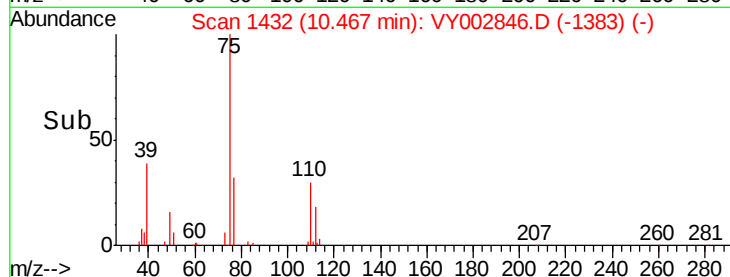
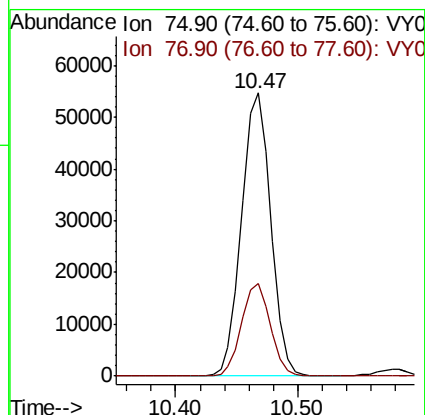
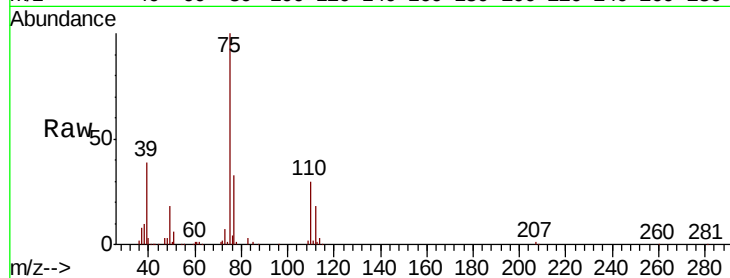
VY0605SBSD01

Tot Ion: 75 Resp: 90604

Ion Ratio Lower Upper

75 100

77 32.5 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 21.471 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY002846.D

Acq: 05 Jun 2020 14:15

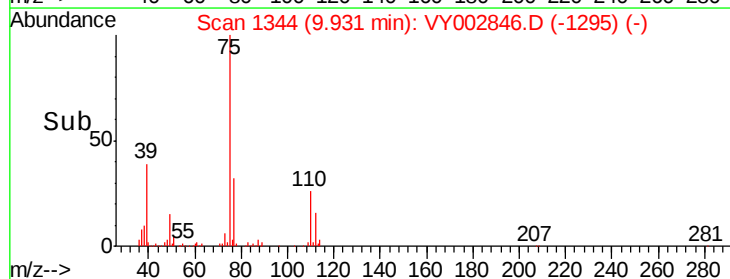
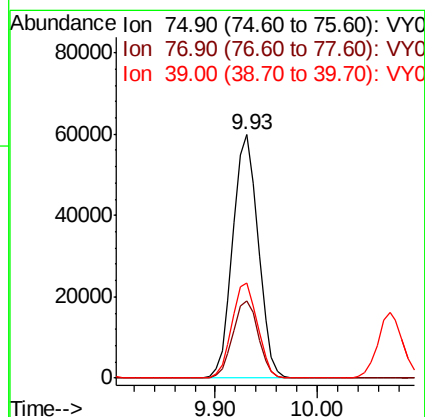
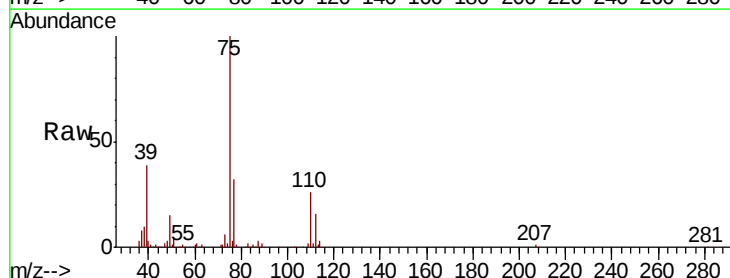
Tgt Ion: 75 Resp: 102972

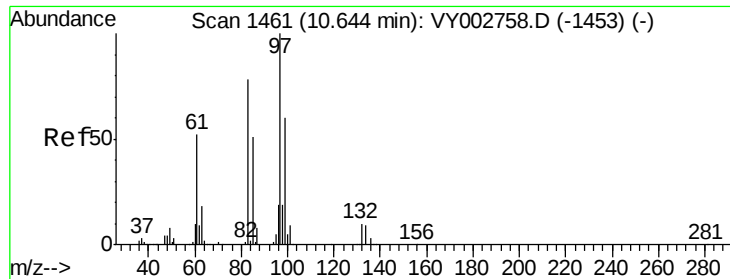
Ion Ratio Lower Upper

75 100

77 31.9 25.6 38.4

39 39.1 31.3 46.9

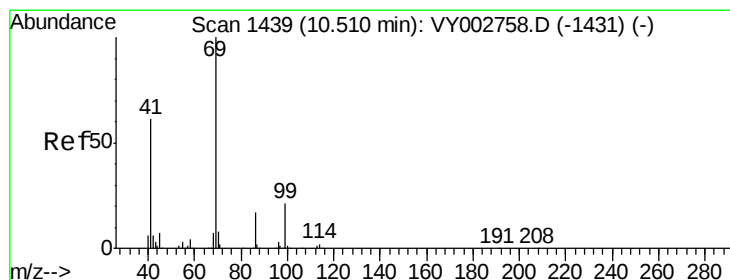
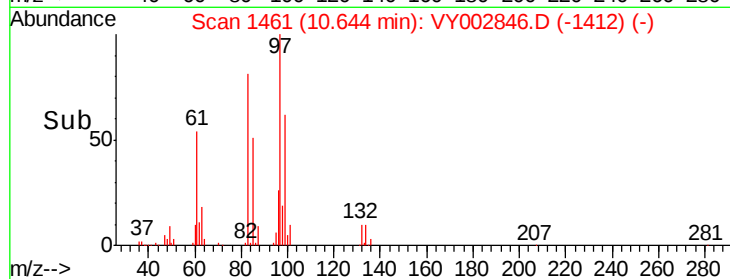
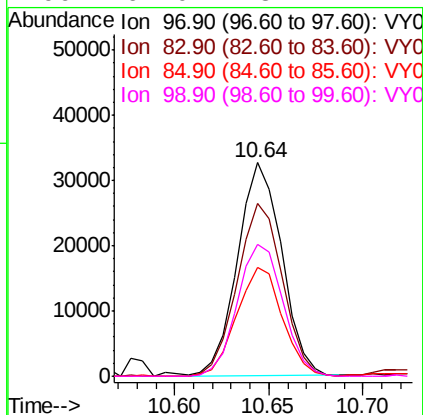
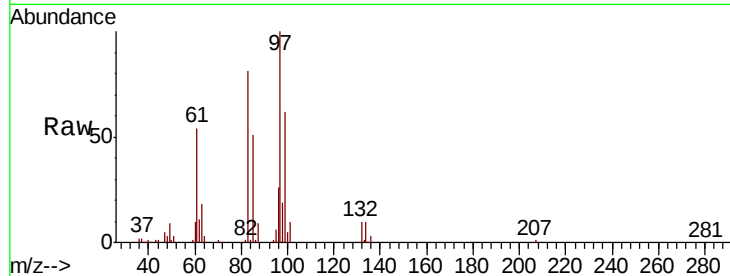




#55
 1,1,2-Trichloroethane
 Concen: 21.132 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY002846.D
 Acq: 05 Jun 2020 14:15

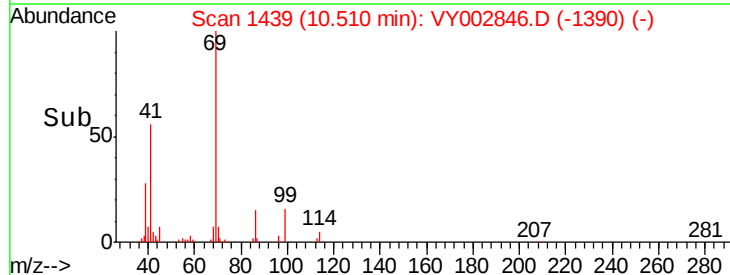
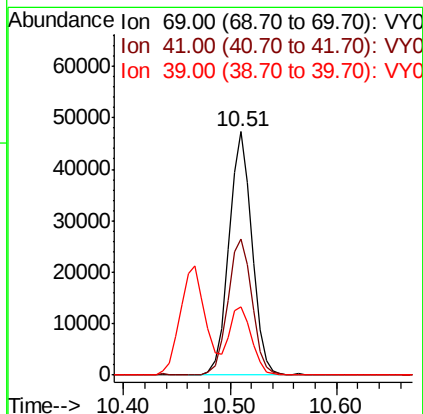
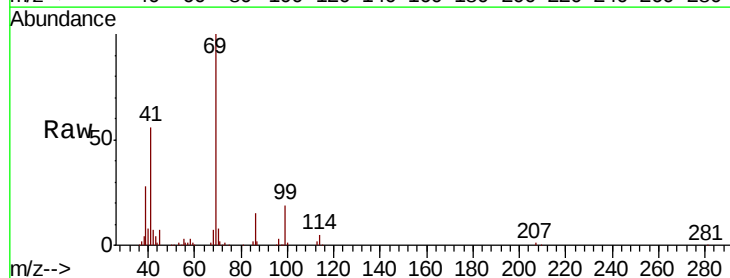
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0605SBS01

Tot Ion:	97	Resp:	53180
Ion	Ratio	Lower	Upper
97	100		
83	81.6	62.7	94.1
85	50.9	40.6	60.8
99	62.0	48.2	72.4



#56
 Ethyl methacrylate
 Concen: 21.324 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY002846.D
 Acq: 05 Jun 2020 14:15

Tgt Ion:	69	Resp:	71876
Ion	Ratio	Lower	Upper
69	100		
41	58.9	47.0	70.4
39	27.2	22.0	33.0





#57

1,3-Dichloropropane

Concen: 21.471 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY002846.D

Acq: 05 Jun 2020 14:15

Instrument :

MSVOA_Y

ClientSampleId :

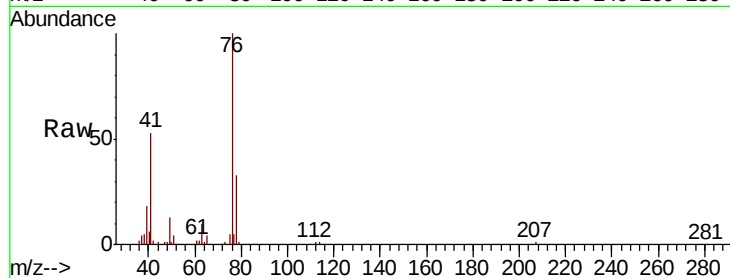
VY0605SBS01

Tot Ion: 76 Resp: 88870

Ion Ratio Lower Upper

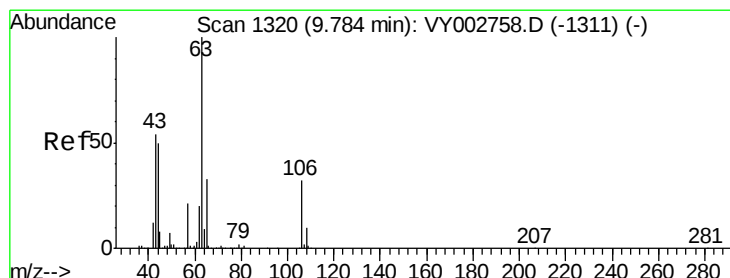
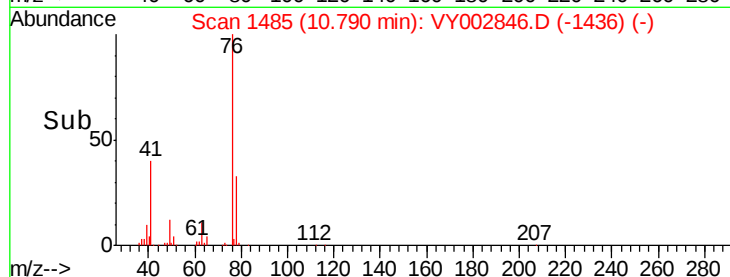
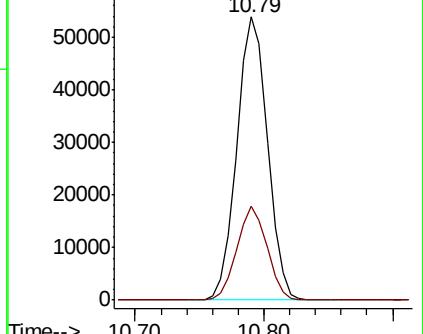
76 100

78 32.7 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 107.558 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY002846.D

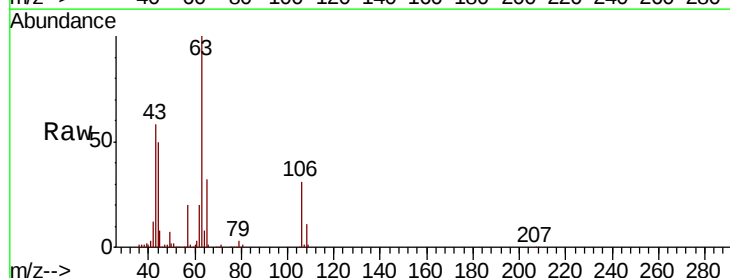
Acq: 05 Jun 2020 14:15

Tgt Ion: 63 Resp: 177147

Ion Ratio Lower Upper

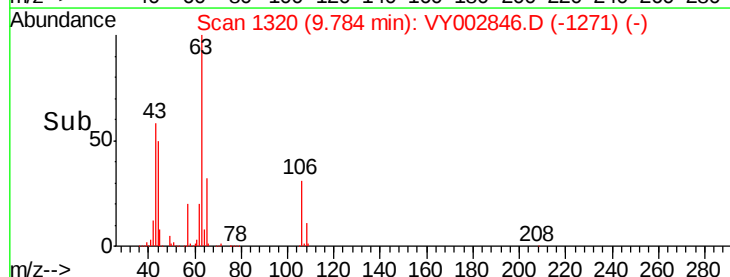
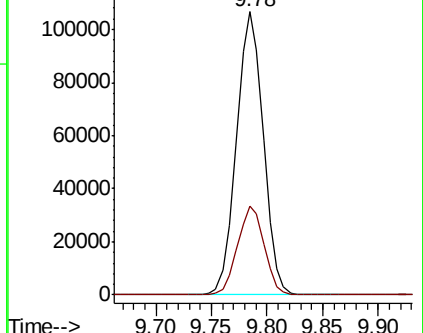
63 100

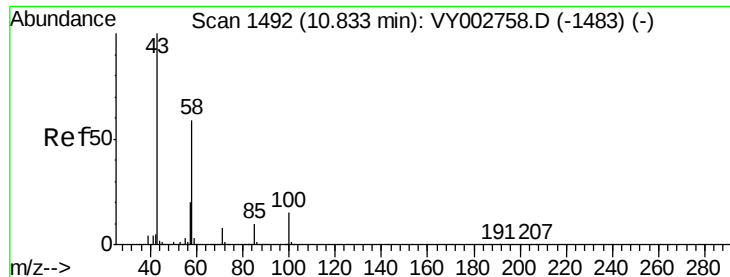
106 31.2 25.4 38.2



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

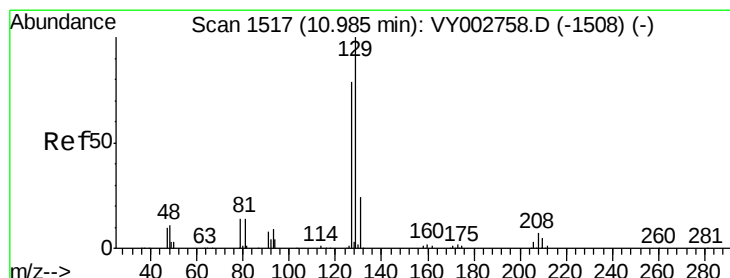
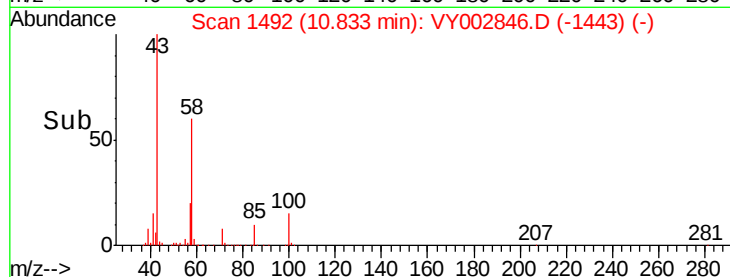
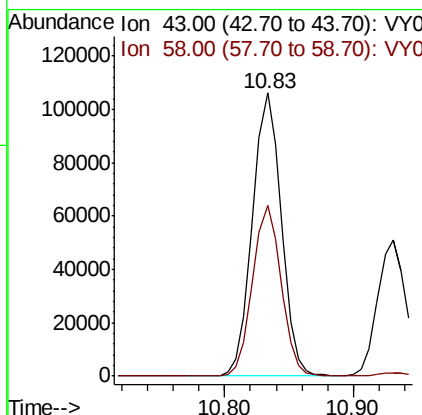
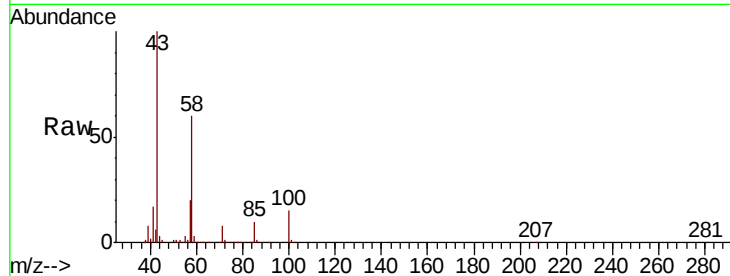




#59
2-Hexanone
Concen: 108.219 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY002846.D
Acq: 05 Jun 2020 14:15

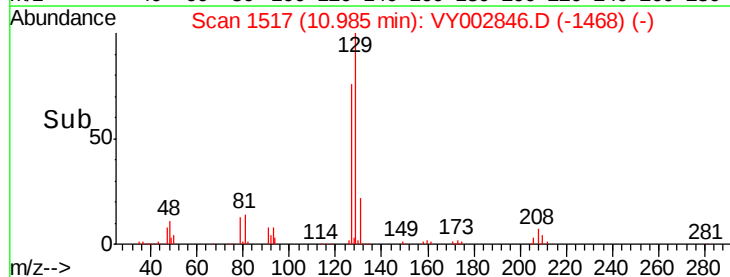
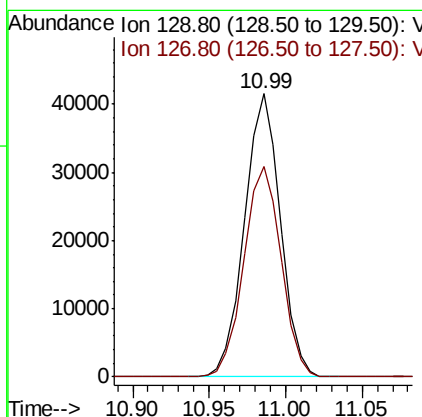
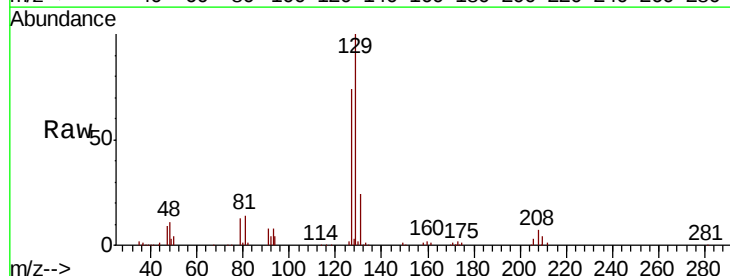
Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBS01

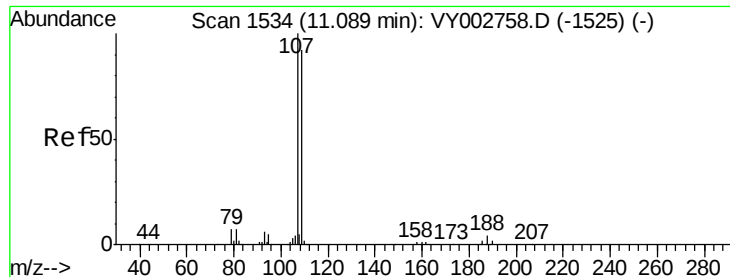
Tot Ion: 43 Resp: 163742
Ion Ratio Lower Upper
43 100
58 59.7 29.5 88.5



#60
Dibromochloromethane
Concen: 21.222 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY002846.D
Acq: 05 Jun 2020 14:15

Tgt Ion: 129 Resp: 67709
Ion Ratio Lower Upper
129 100
127 77.3 38.5 115.3

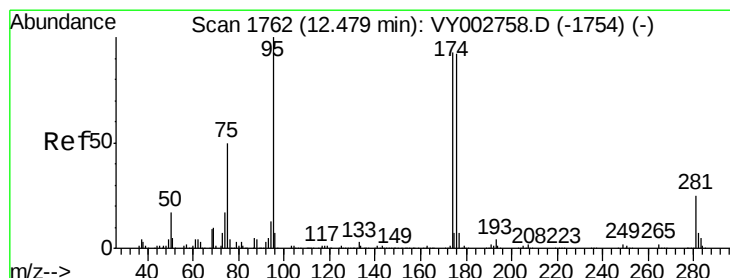
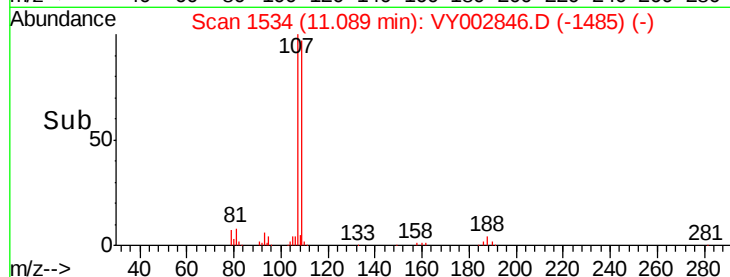
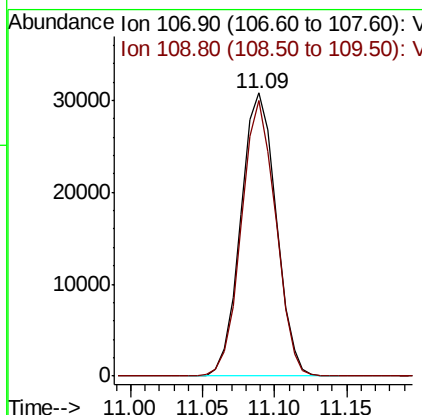
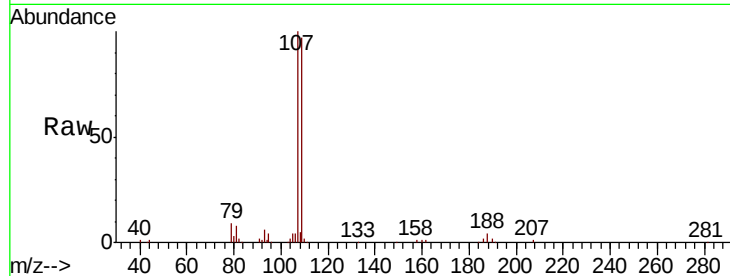




#61
 1,2-Dibromoethane
 Concen: 21.123 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY002846.D
 Acq: 05 Jun 2020 14:15

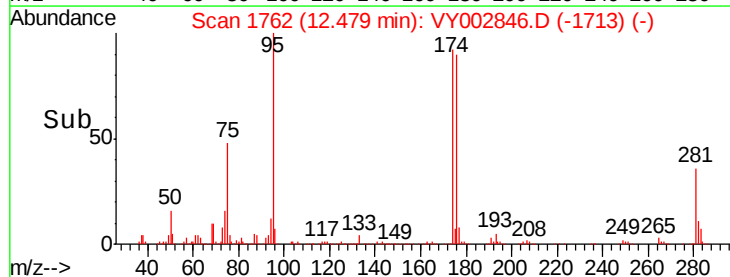
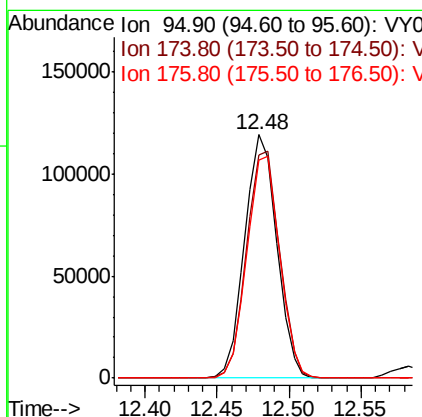
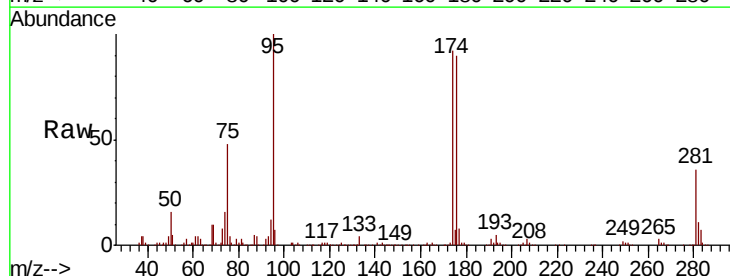
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0605SBS01

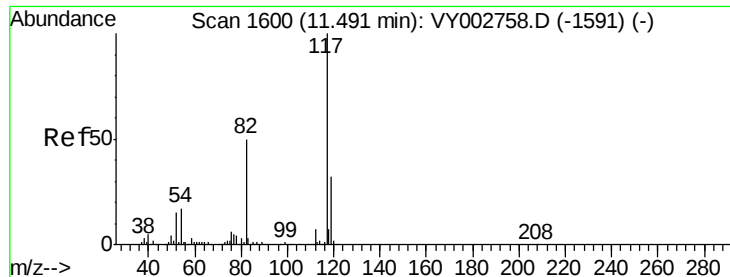
Tot Ion:107 Resp: 52437
 Ion Ratio Lower Upper
 107 100
 109 94.2 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 49.093 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY002846.D
 Acq: 05 Jun 2020 14:15

Tgt Ion: 95 Resp: 184342
 Ion Ratio Lower Upper
 95 100
 174 95.7 0.0 191.2
 176 93.0 0.0 188.8

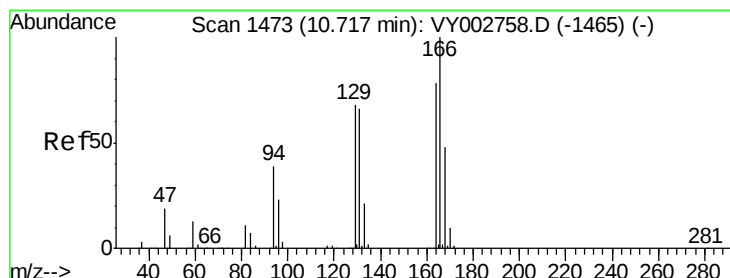
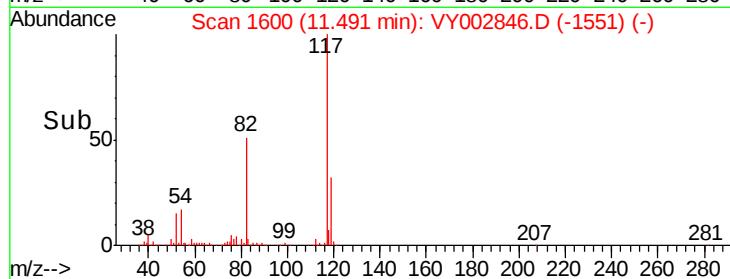
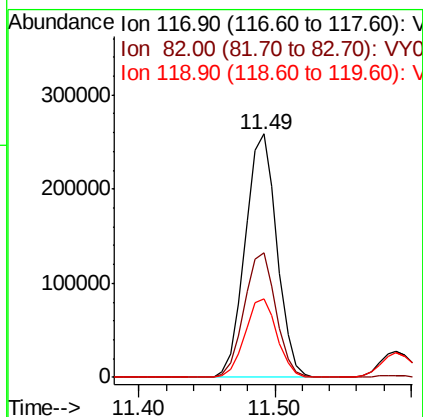
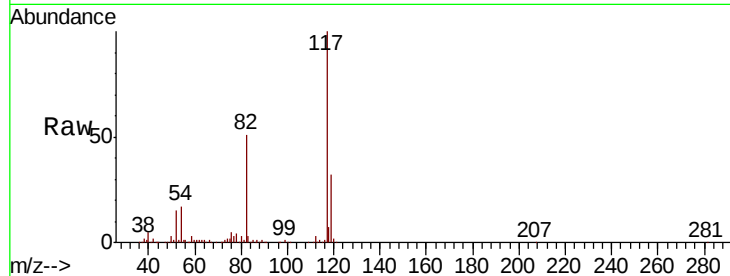




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002846.D
Acq: 05 Jun 2020 14:15

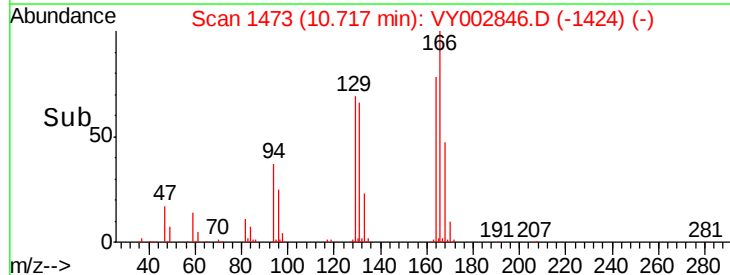
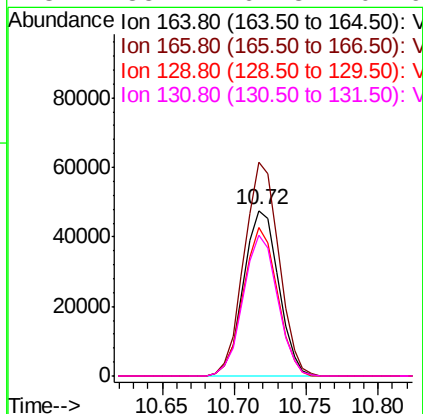
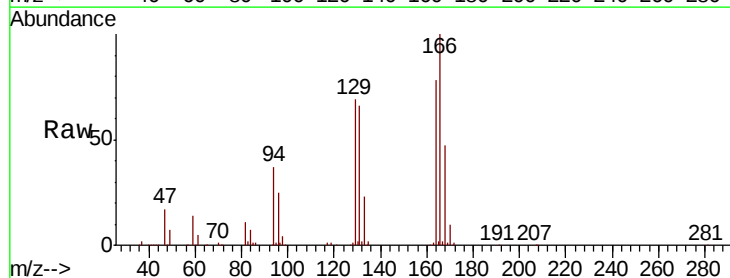
Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBS01

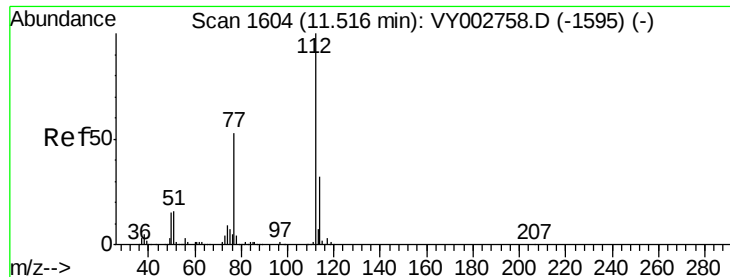
Tot Ion:117 Resp: 421473
Ion Ratio Lower Upper
117 100
82 51.2 40.2 60.4
119 32.1 25.8 38.8



#64
Tetrachloroethene
Concen: 20.890 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY002846.D
Acq: 05 Jun 2020 14:15

Tgt Ion:164 Resp: 80021
Ion Ratio Lower Upper
164 100
166 129.0 102.3 153.5
129 89.6 69.4 104.2
131 85.2 67.8 101.6

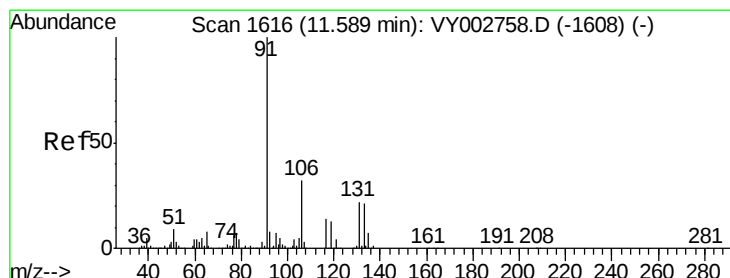
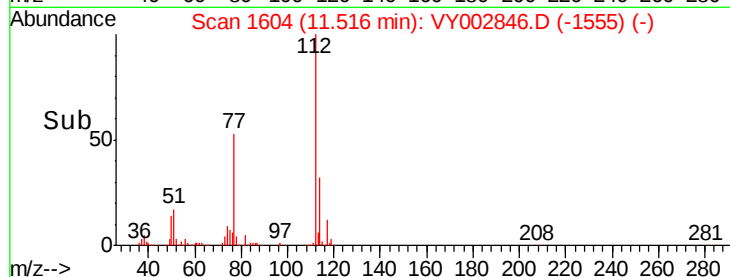
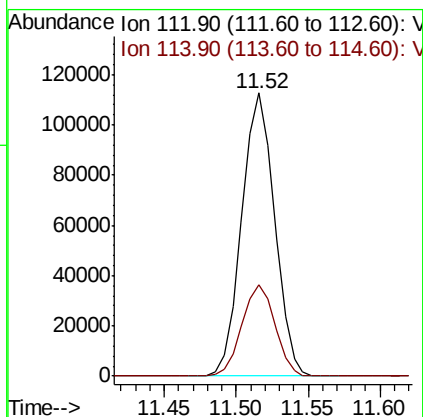
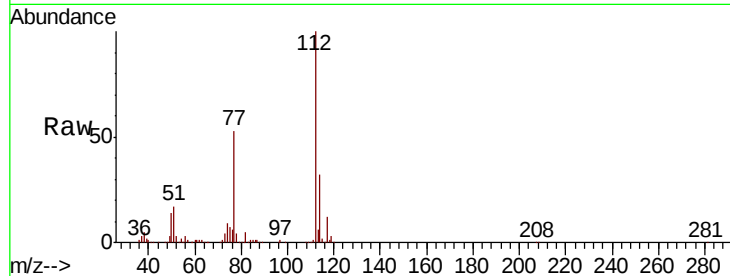




#65
Chlorobenzene
Concen: 21.443 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY002846.D
Acq: 05 Jun 2020 14:15

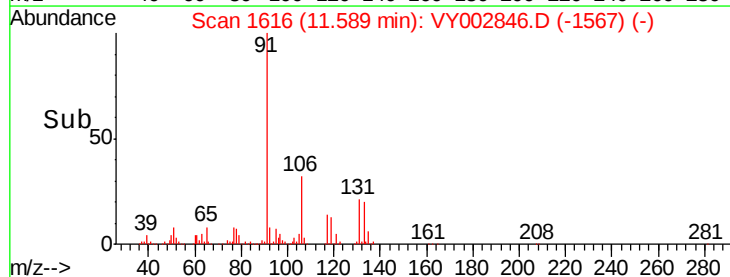
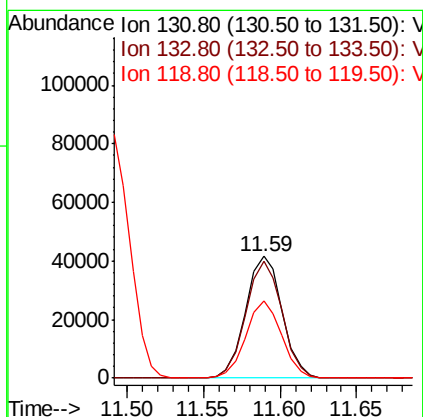
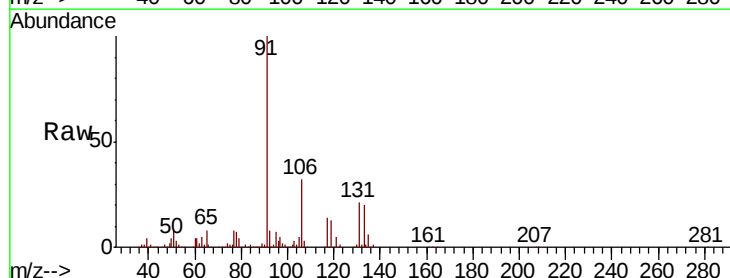
Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBSD01

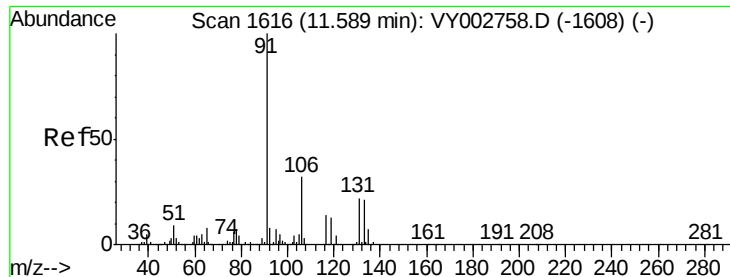
Tot Ion:112 Resp: 178630
Ion Ratio Lower Upper
112 100
114 32.1 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 21.891 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY002846.D
Acq: 05 Jun 2020 14:15

Tgt Ion:131 Resp: 68680
Ion Ratio Lower Upper
131 100
133 95.4 47.6 142.8
119 62.2 31.7 95.1





#67

Ethyl Benzene

Concen: 21.680 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY002846.D

Acq: 05 Jun 2020 14:15

Instrument :

MSVOA_Y

ClientSampleId :

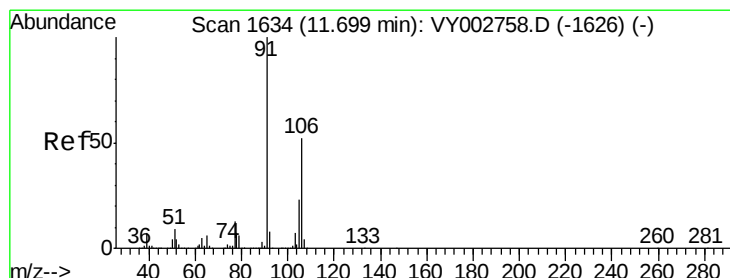
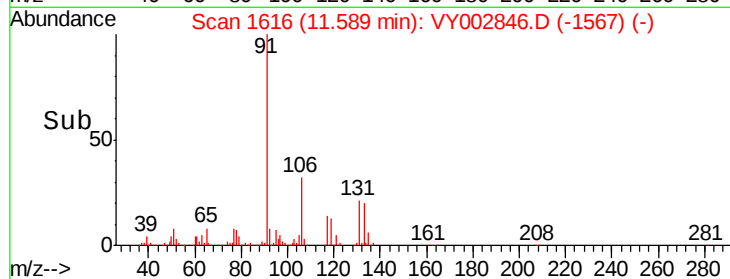
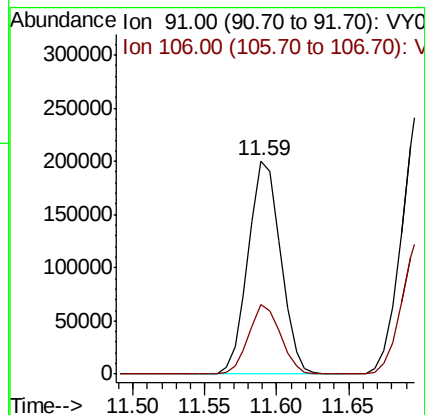
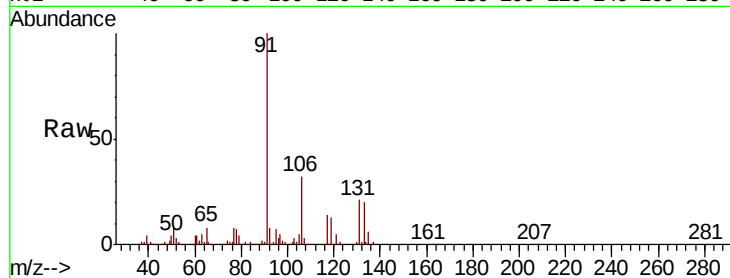
VY0605SBS01

Tot Ion: 91 Resp: 313105

Ion Ratio Lower Upper

91 100

106 32.4 25.7 38.5



#68

m/p-Xylenes

Concen: 43.296 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VY002846.D

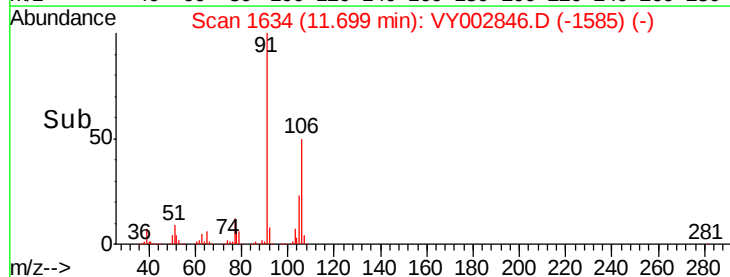
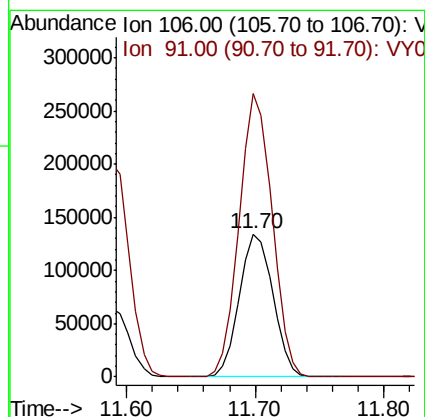
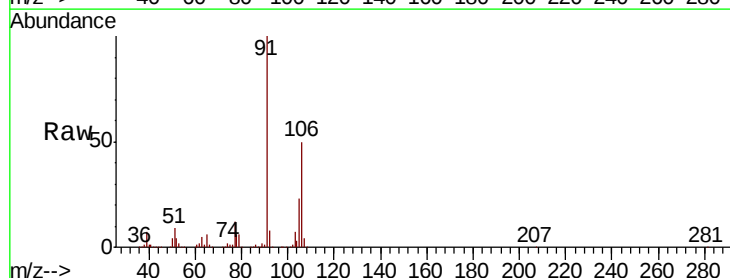
Acq: 05 Jun 2020 14:15

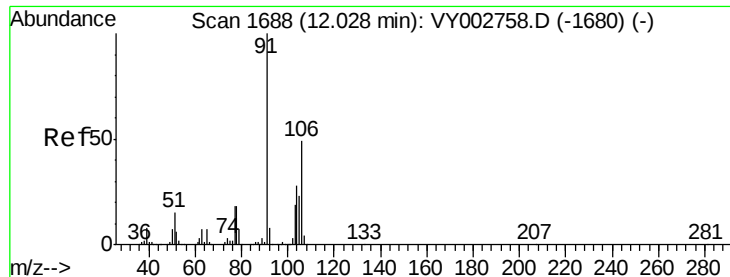
Tgt Ion: 106 Resp: 242428

Ion Ratio Lower Upper

106 100

91 195.1 156.0 234.0

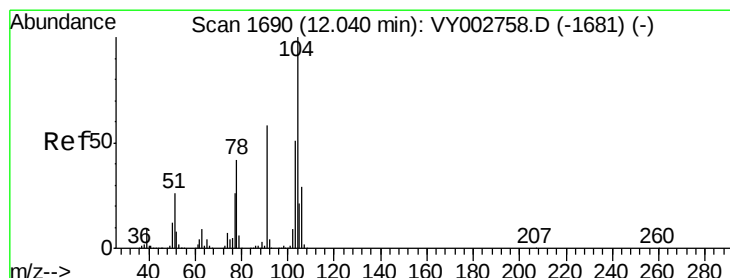
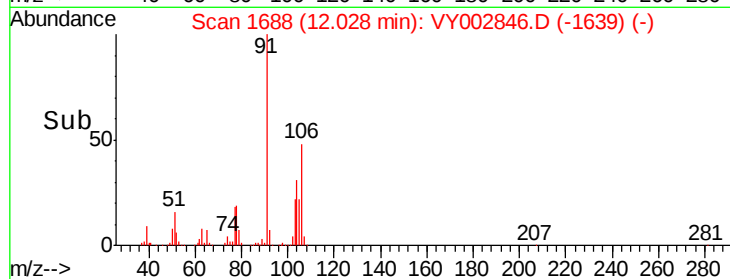
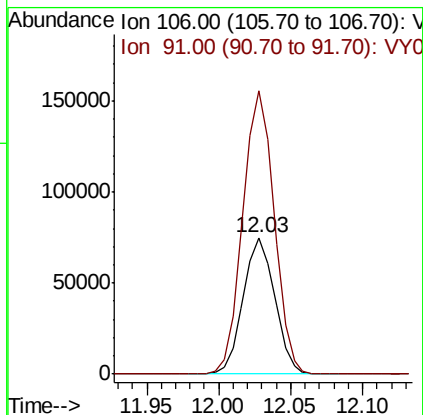
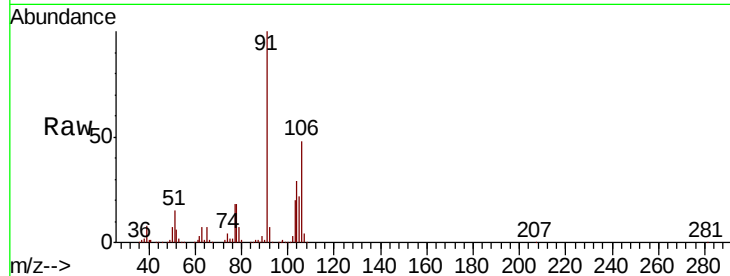




#69
o-Xylene
Concen: 21.510 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY002846.D
Acq: 05 Jun 2020 14:15

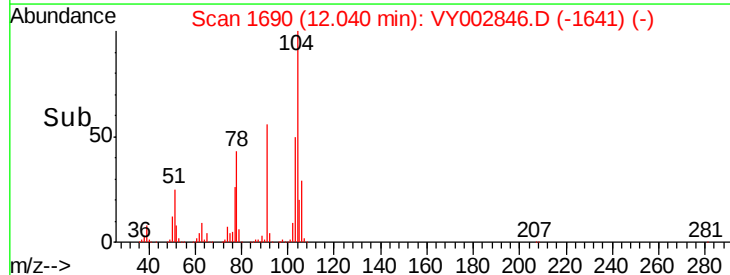
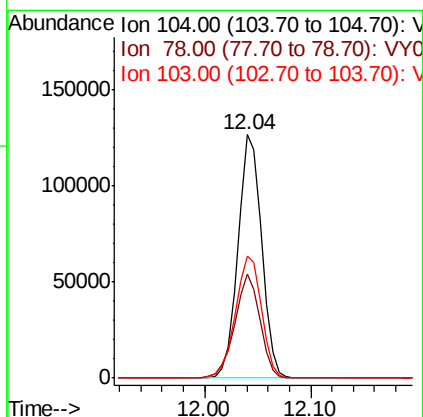
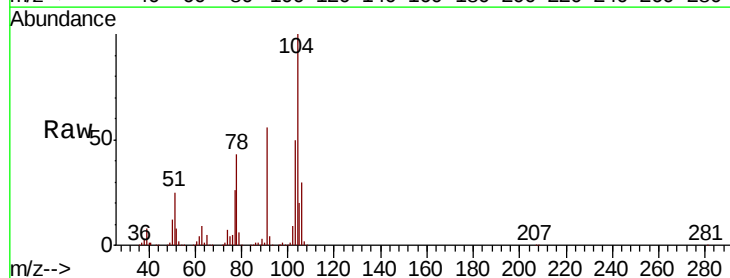
Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBSD01

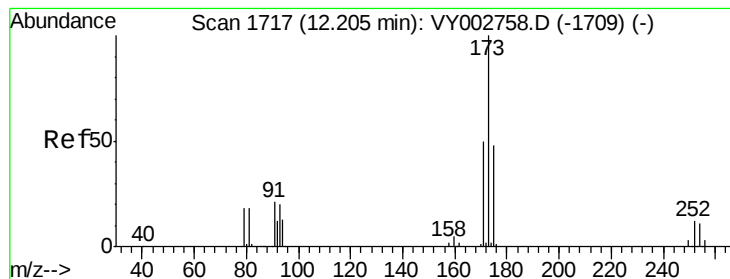
Tot Ion:106 Resp: 113702
Ion Ratio Lower Upper
106 100
91 206.6 102.4 307.1



#70
Styrene
Concen: 21.578 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY002846.D
Acq: 05 Jun 2020 14:15

Tgt Ion:104 Resp: 197731
Ion Ratio Lower Upper
104 100
78 45.4 36.2 54.4
103 55.2 43.6 65.4





#71

Bromoform

Concen: 21.327 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY002846.D

Acq: 05 Jun 2020 14:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0605SBS01

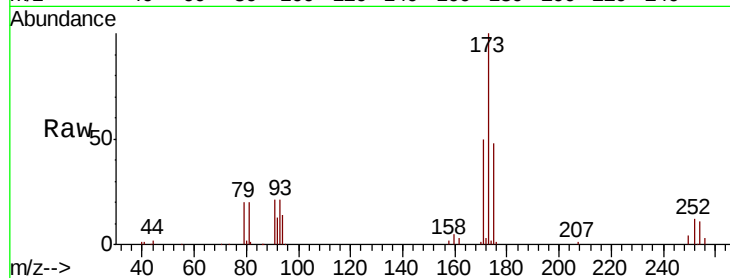
Tot Ion:173 Resp: 44772

Ion Ratio Lower Upper

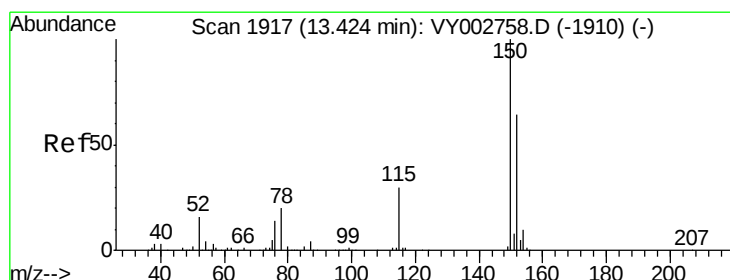
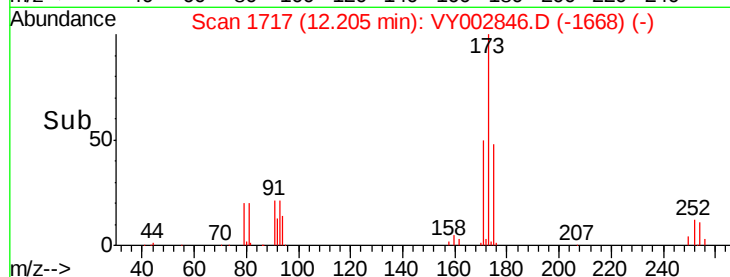
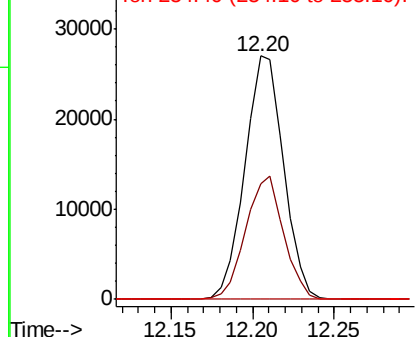
173 100

175 49.5 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: VY002846.D

Acq: 05 Jun 2020 14:15

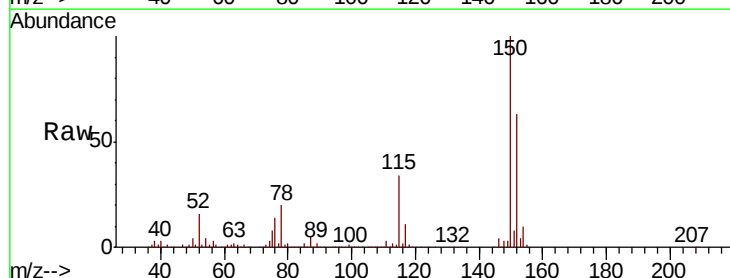
Tgt Ion:152 Resp: 230093

Ion Ratio Lower Upper

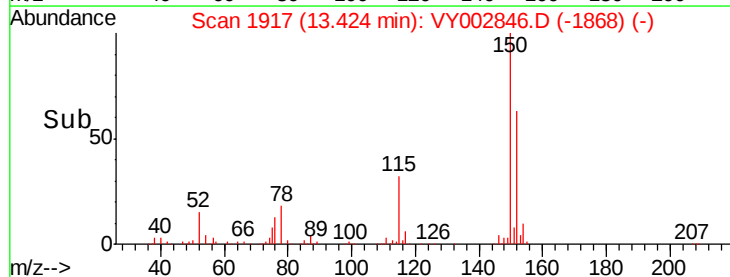
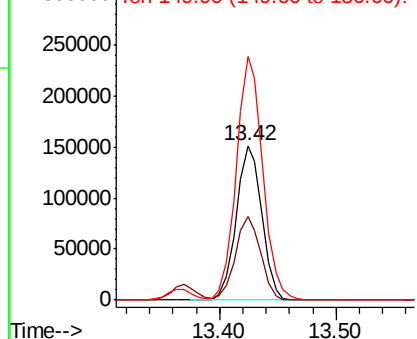
152 100

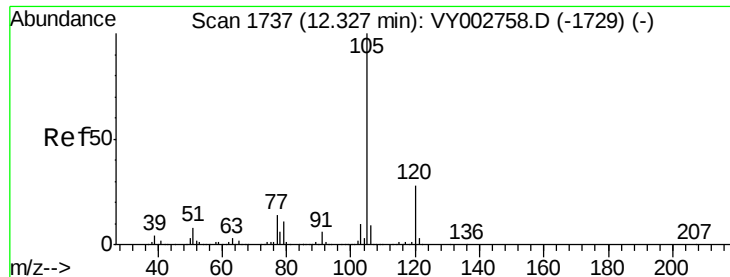
115 53.6 27.0 81.0

150 163.9 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: 21.400 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY002846.D

Acq: 05 Jun 2020 14:15

Instrument :

MSVOA_Y

ClientSampleId :

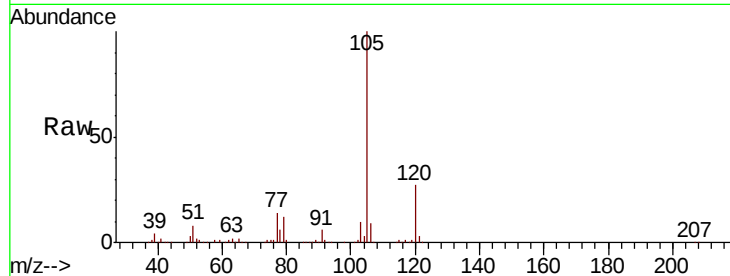
VY0605SBS01

Tot Ion:105 Resp: 315553

Ion Ratio Lower Upper

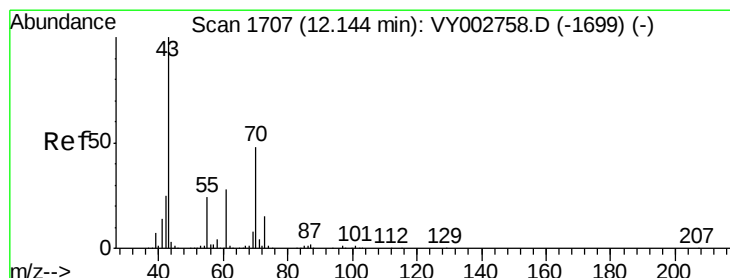
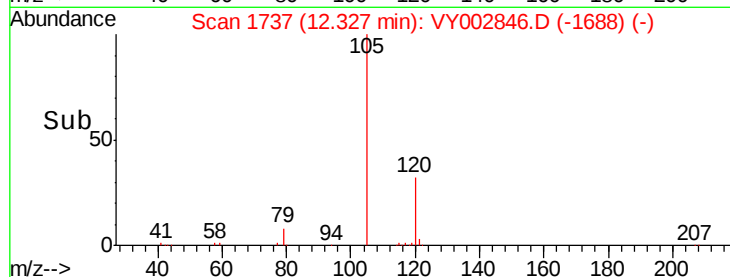
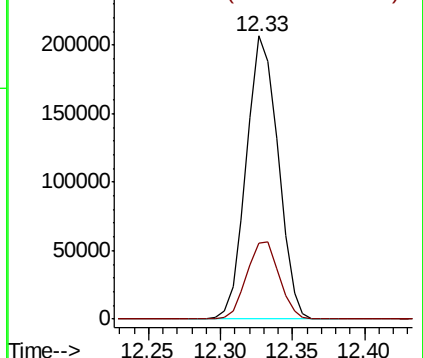
105 100

120 27.8 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.448 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY002846.D

Acq: 05 Jun 2020 14:15

Tgt Ion: 43 Resp: 81146

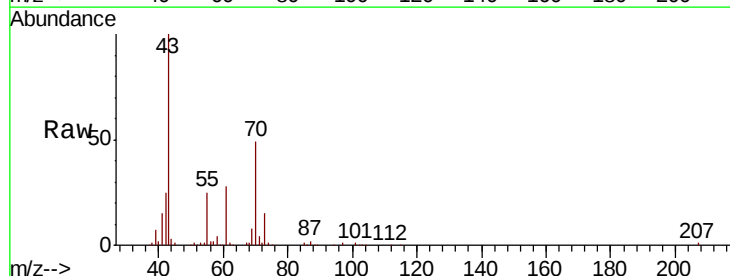
Ion Ratio Lower Upper

43 100

70 48.0 37.7 56.5

55 25.4 19.8 29.6

61 26.6 21.7 32.5

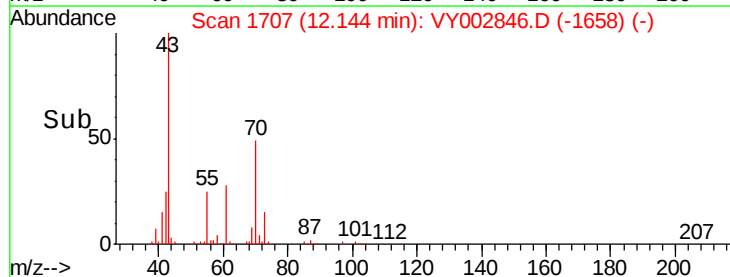
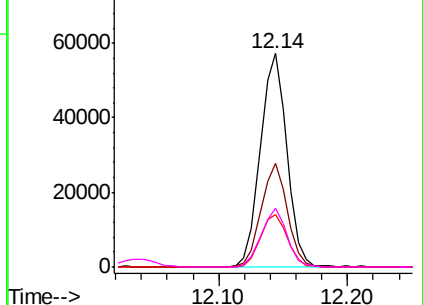


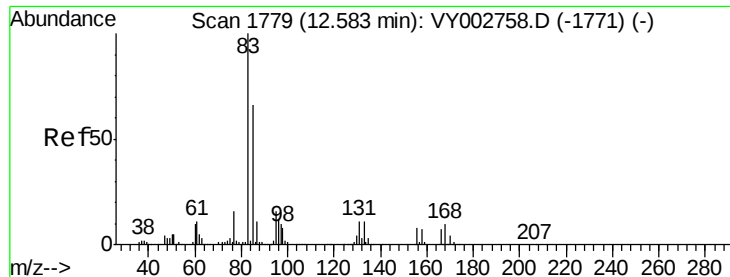
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 22.257 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY002846.D

Acq: 05 Jun 2020 14:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0605SBS01

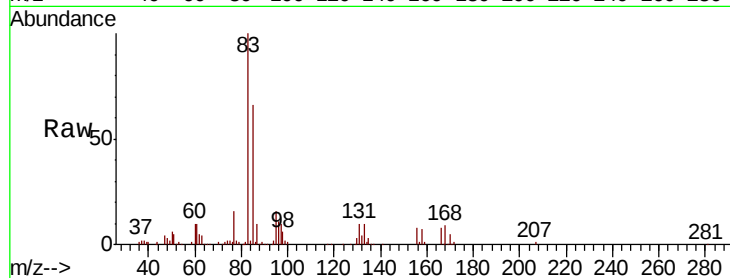
Tot Ion: 83 Resp: 57581

Ion Ratio Lower Upper

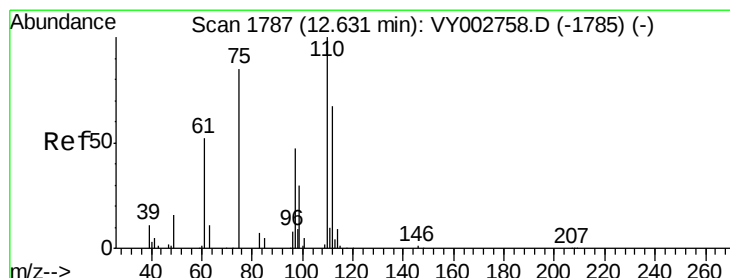
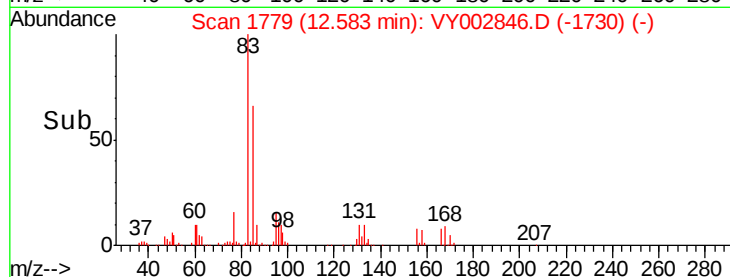
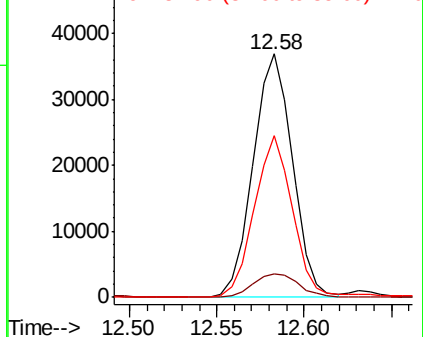
83 100

131 11.4 5.8 17.4

85 64.1 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: 40.382 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY002846.D

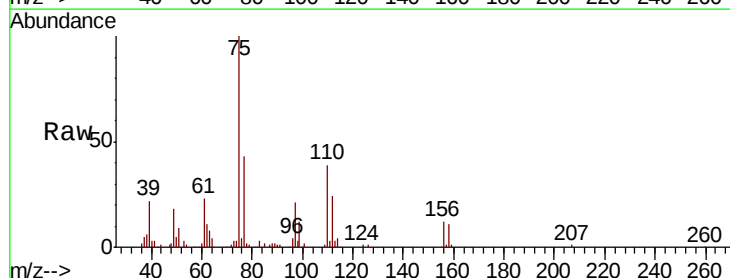
Acq: 05 Jun 2020 14:15

Tgt Ion: 75 Resp: 83723

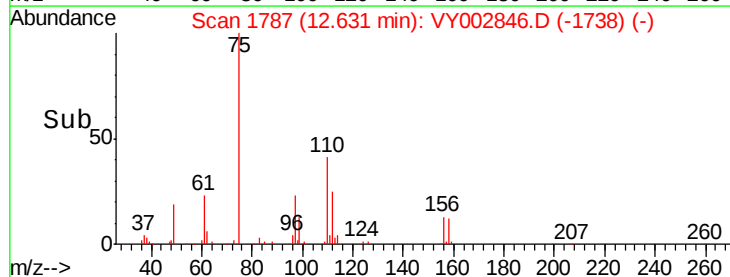
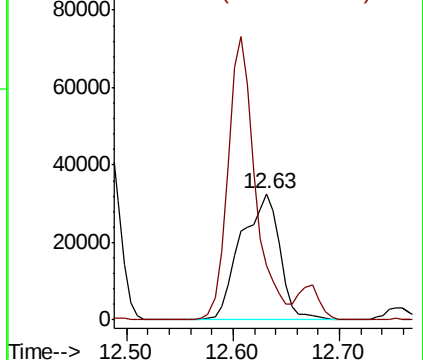
Ion Ratio Lower Upper

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: 20.900 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY002846.D

Acq: 05 Jun 2020 14:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0605SBS01

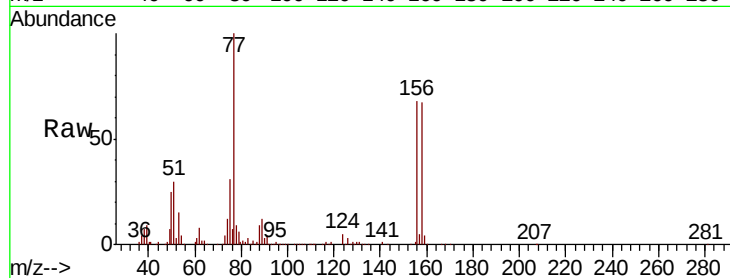
Tot Ion:156 Resp: 80243

Ion Ratio Lower Upper

156 100

77 163.6 81.4 244.2

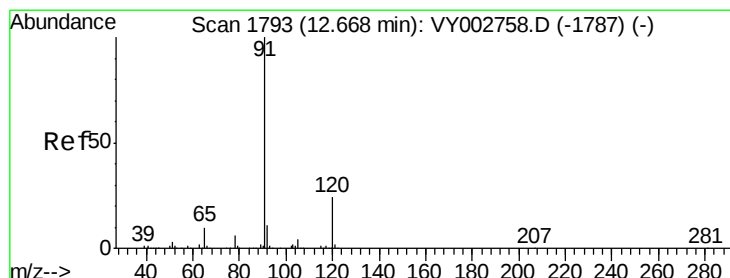
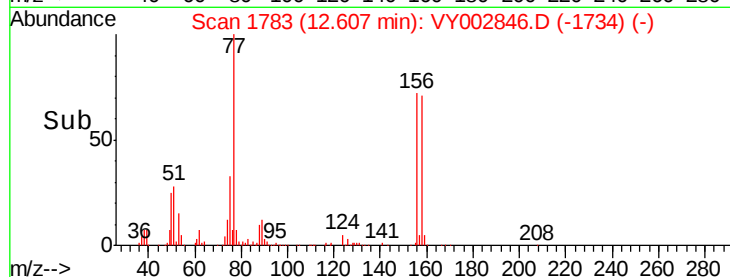
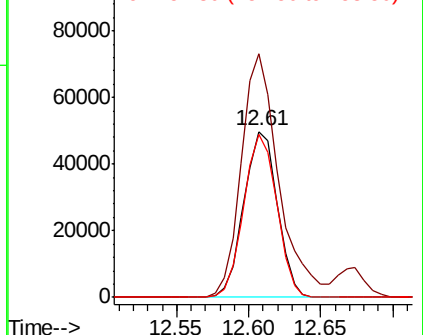
158 96.9 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.504 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY002846.D

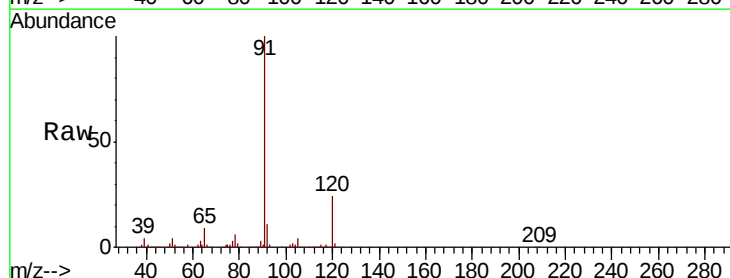
Acq: 05 Jun 2020 14:15

Tgt Ion: 91 Resp: 366268

Ion Ratio Lower Upper

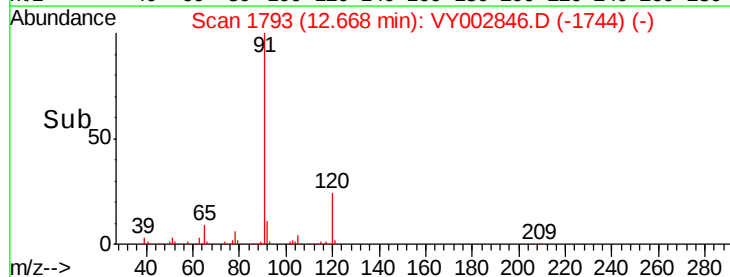
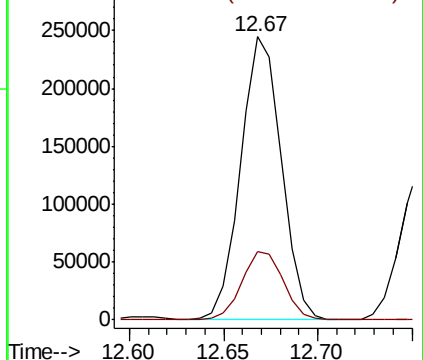
91 100

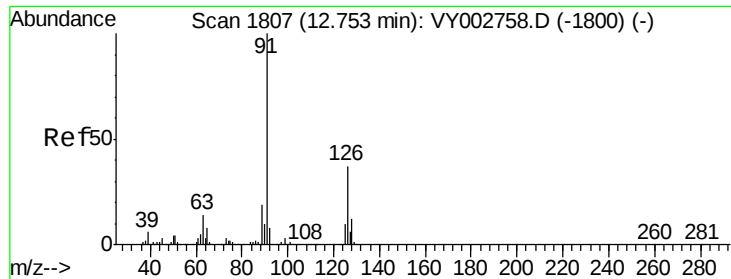
120 24.7 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

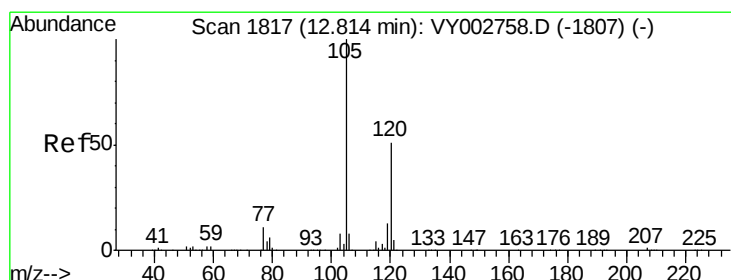
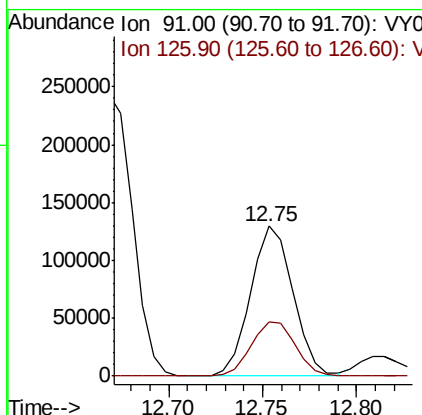
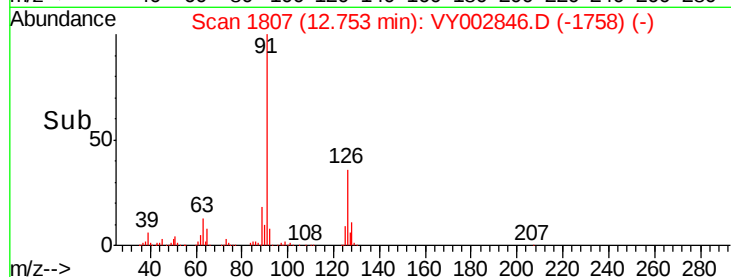
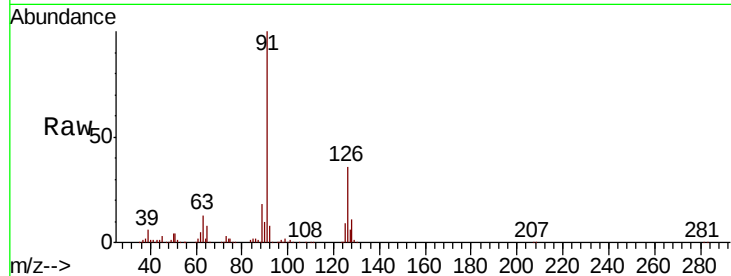




#79
 2-Chlorotoluene
 Concen: 21.252 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VY002846.D
 Acq: 05 Jun 2020 14:15

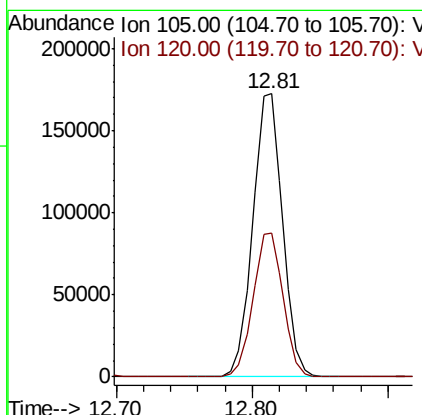
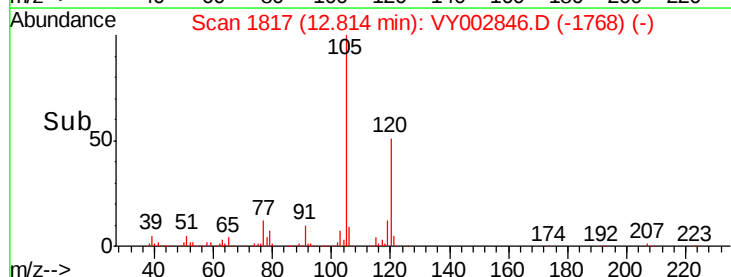
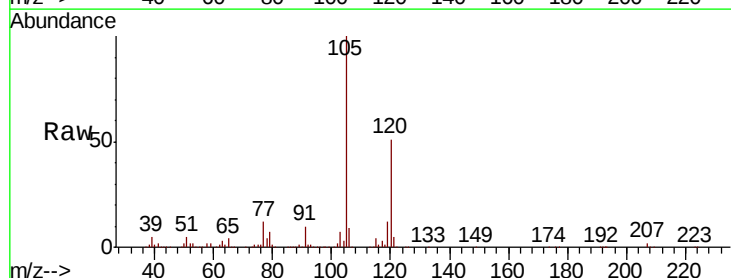
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0605SBS01

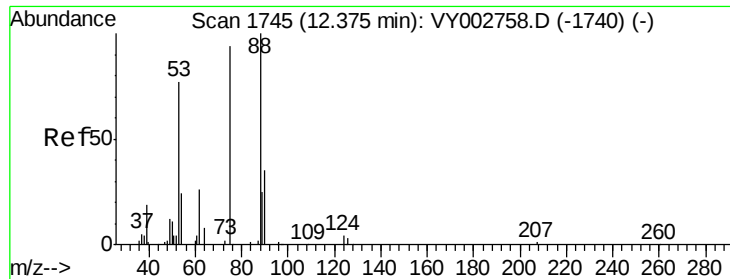
Tot Ion: 91 Resp: 203047
 Ion Ratio Lower Upper
 91 100
 126 37.5 18.4 55.4



#80
 1,3,5-Trimethylbenzene
 Concen: 21.535 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. 0.00 min
 Lab File: VY002846.D
 Acq: 05 Jun 2020 14:15

Tgt Ion: 105 Resp: 265131
 Ion Ratio Lower Upper
 105 100
 120 51.2 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 21.231 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY002846.D

Acq: 05 Jun 2020 14:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0605SBS01

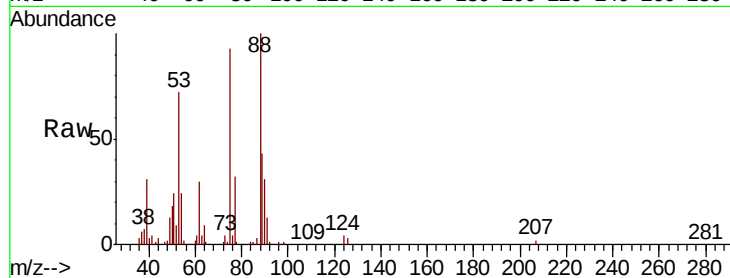
Tot Ion: 75 Resp: 23364

Ion Ratio Lower Upper

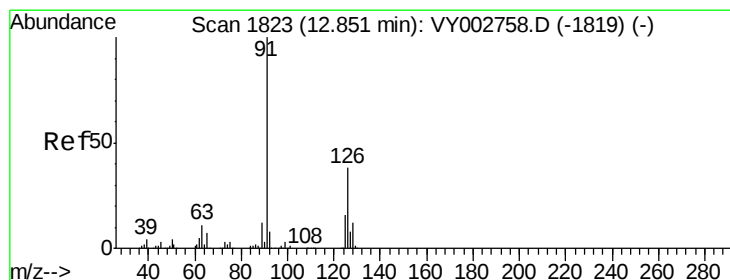
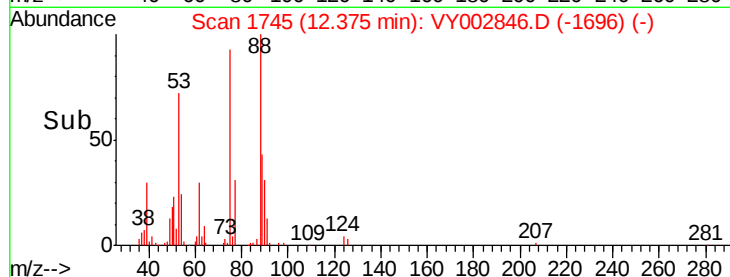
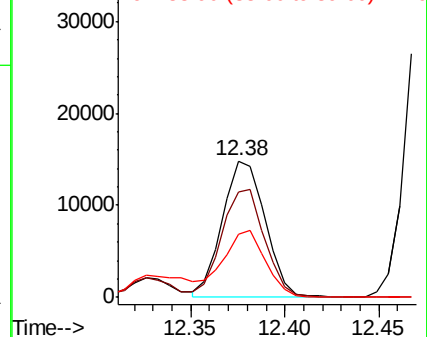
75 100

53 79.4 64.0 96.0

89 49.9 37.4 56.2



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 53.00 (52.70 to 53.70): VY0
Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 21.476 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY002846.D

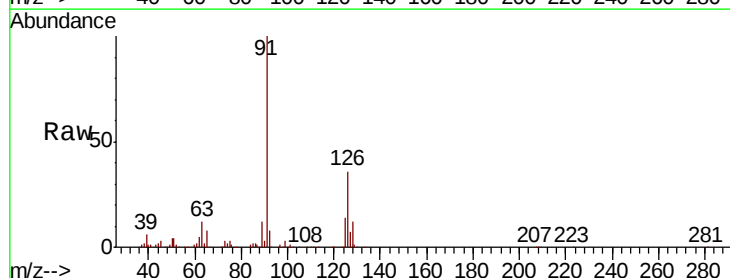
Acq: 05 Jun 2020 14:15

Tgt Ion: 91 Resp: 214983

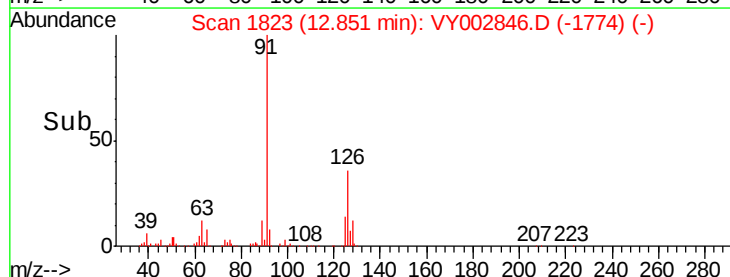
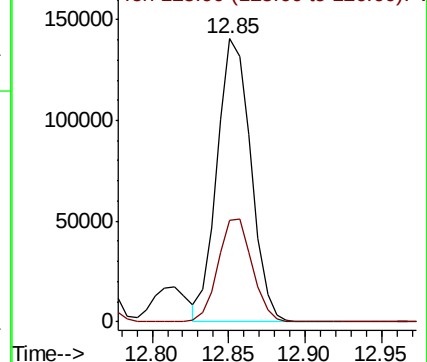
Ion Ratio Lower Upper

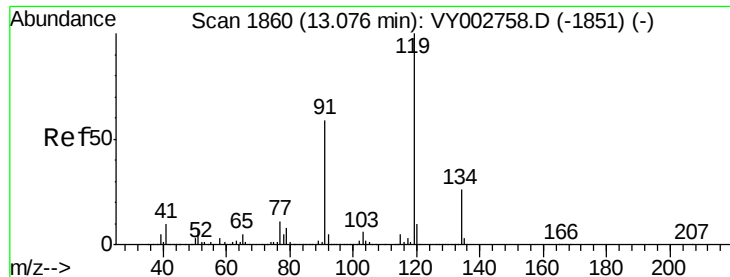
91 100

126 36.9 18.5 55.5



Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 125.90 (125.60 to 126.60): V

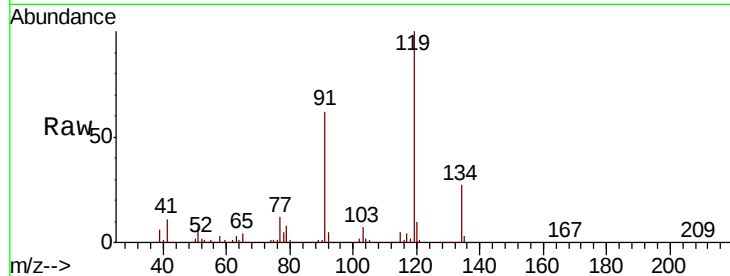




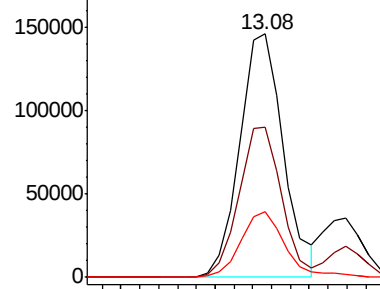
#83
tert-Butylbenzene
Concen: 21.338 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VY002846.D
Acq: 05 Jun 2020 14:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBS01

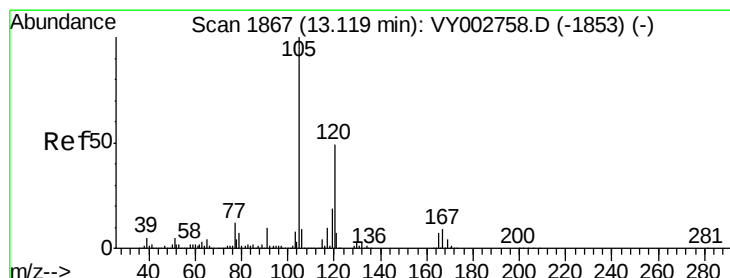
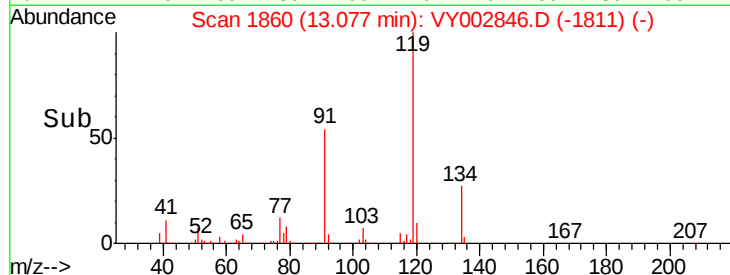
Tot Ion:119 Resp: 234333
Ion Ratio Lower Upper
119 100
91 60.1 29.8 89.4
134 27.3 13.3 39.8



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

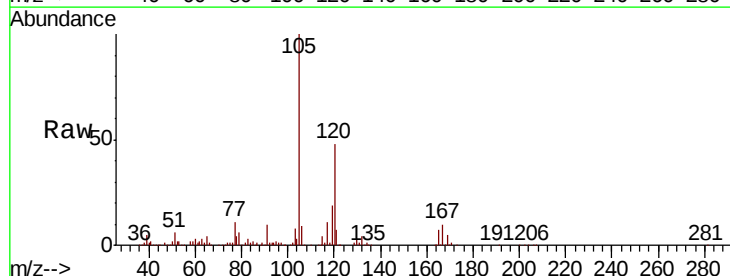


Time-->

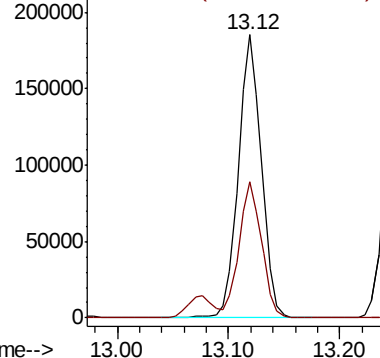


#84
1,2,4-Trimethylbenzene
Concen: 21.614 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY002846.D
Acq: 05 Jun 2020 14:15

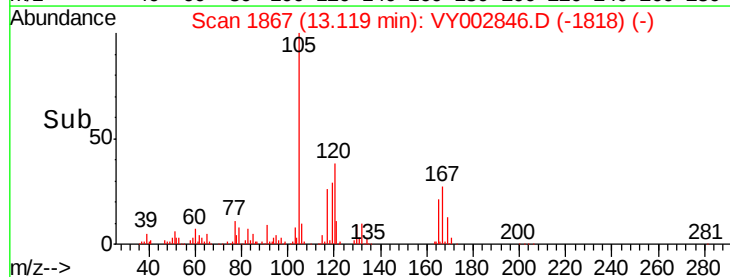
Tgt Ion:105 Resp: 267564
Ion Ratio Lower Upper
105 100
120 46.8 23.6 70.8

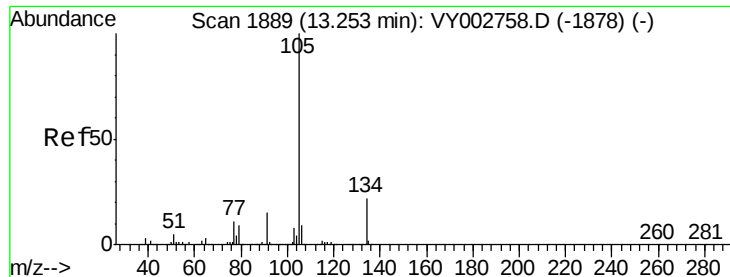


Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V



Time-->





#85

sec-Butylbenzene

Concen: 21.653 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY002846.D

Acq: 05 Jun 2020 14:15

Instrument :

MSVOA_Y

ClientSampleId :

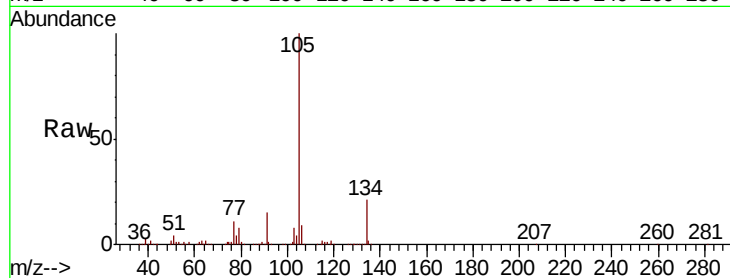
VY0605SBS01

Tot Ion:105 Resp: 325142

Ion Ratio Lower Upper

105 100

134 21.3 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

250000

200000

150000

100000

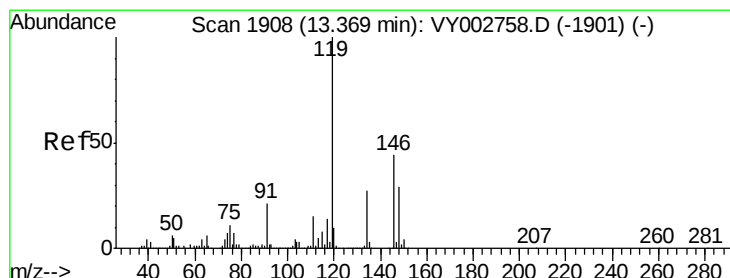
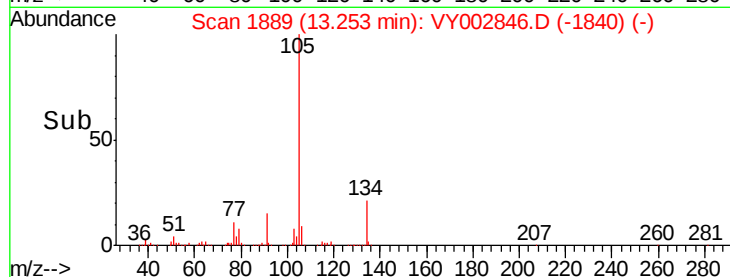
50000

0

13.25

13.30

Time-->



#86

p-Isopropyltoluene

Concen: 21.613 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY002846.D

Acq: 05 Jun 2020 14:15

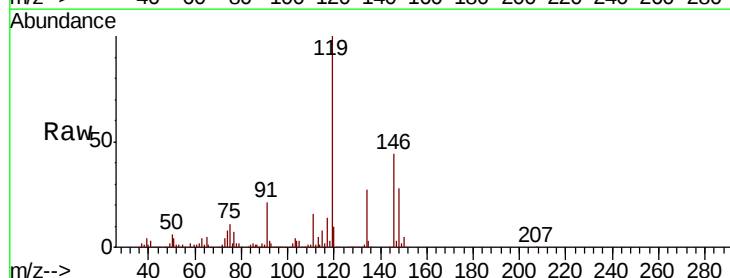
Tgt Ion:119 Resp: 301989

Ion Ratio Lower Upper

119 100

134 27.4 13.7 41.0

91 21.5 10.8 32.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

250000

200000

150000

100000

50000

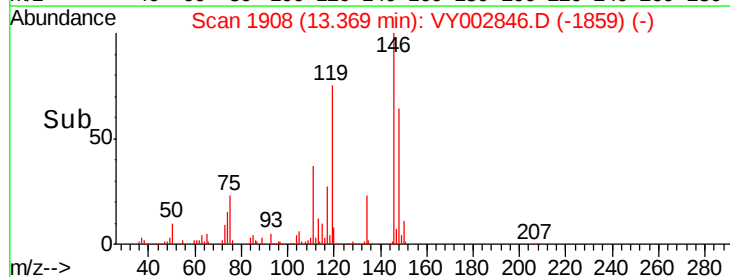
0

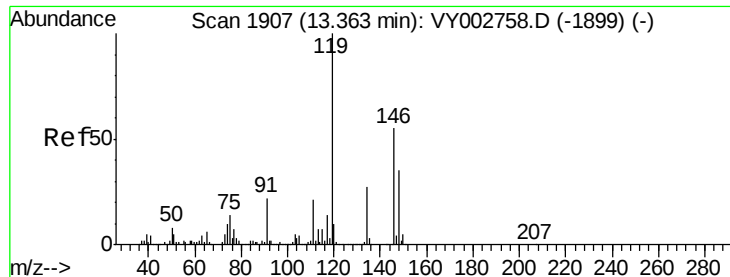
13.37

13.40

13.45

Time-->

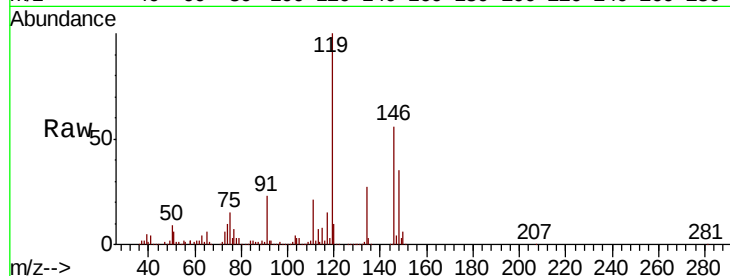




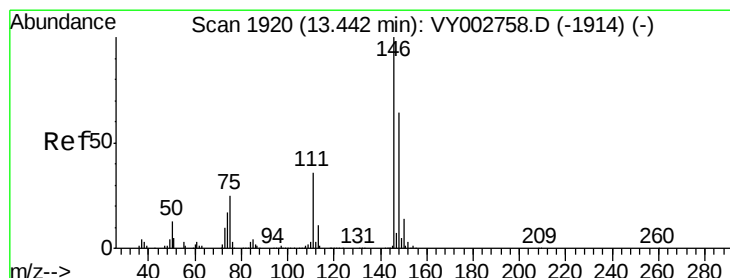
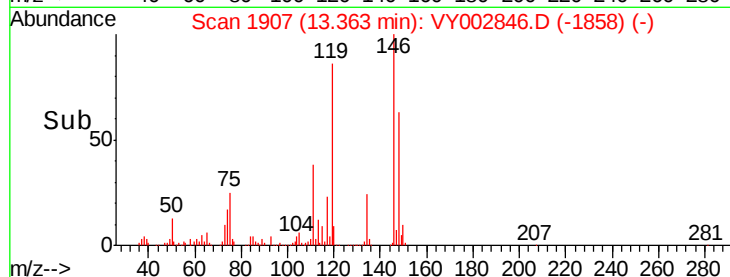
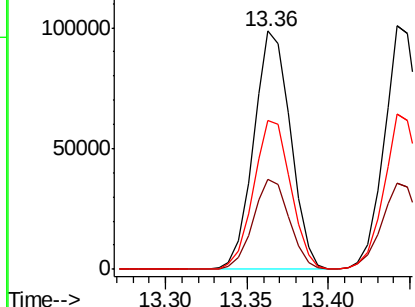
#87
 1,3-Dichlorobenzene
 Concen: 21.192 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY002846.D
 Acq: 05 Jun 2020 14:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0605SBS01

Tot Ion:146 Resp: 154124
 Ion Ratio Lower Upper
 146 100
 111 37.3 18.4 55.0
 148 63.3 31.9 95.7

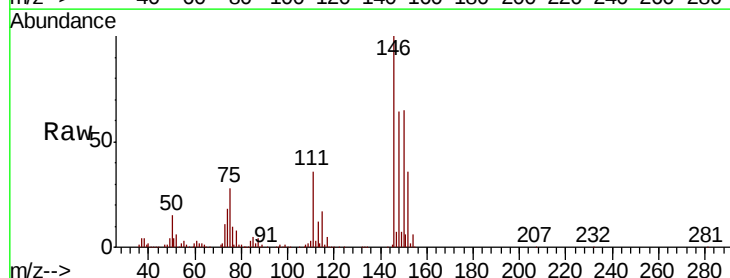


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

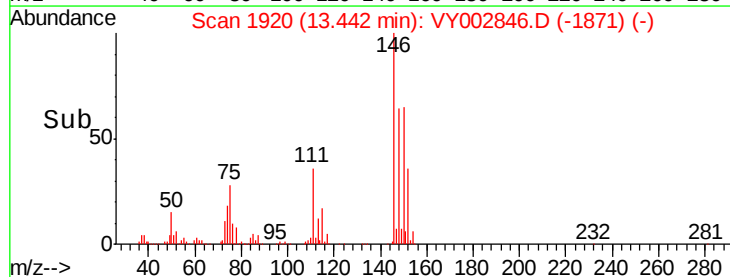
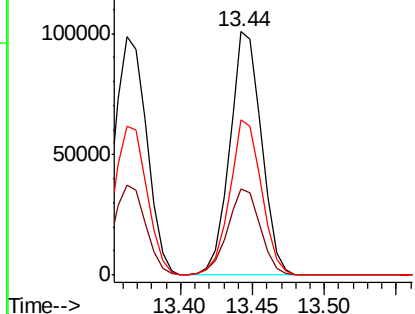


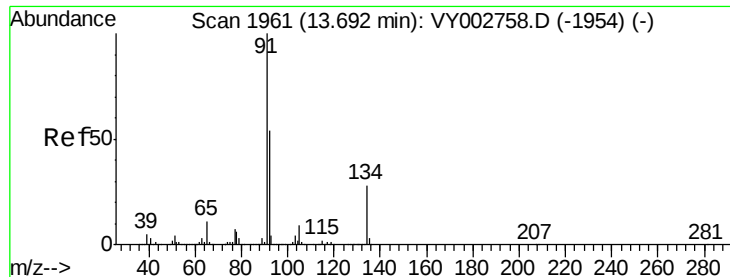
#88
 1,4-Dichlorobenzene
 Concen: 21.242 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY002846.D
 Acq: 05 Jun 2020 14:15

Tgt Ion:146 Resp: 154540
 Ion Ratio Lower Upper
 146 100
 111 37.1 18.1 54.3
 148 64.0 32.1 96.3



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

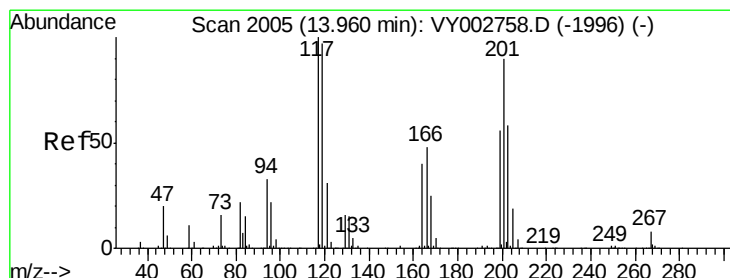
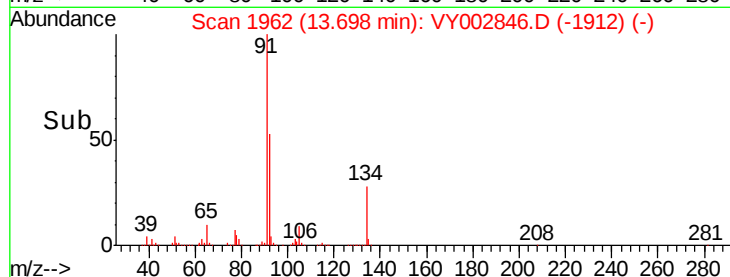
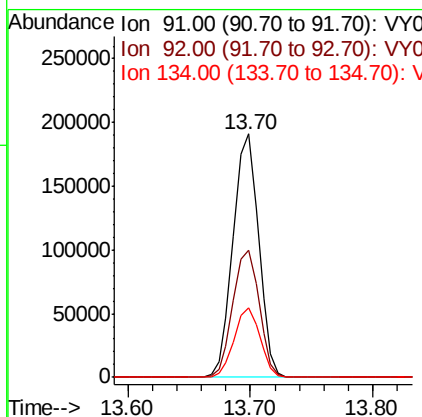
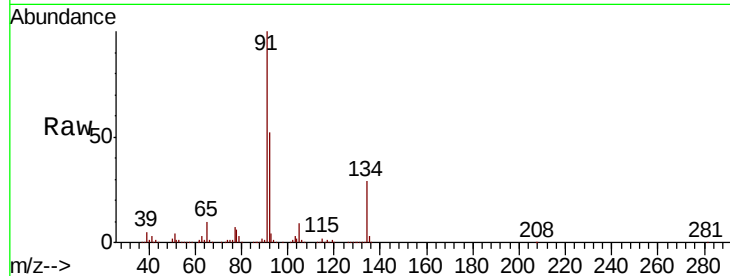




#89
n-Butylbenzene
Concen: 21.835 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY002846.D
Acq: 05 Jun 2020 14:15

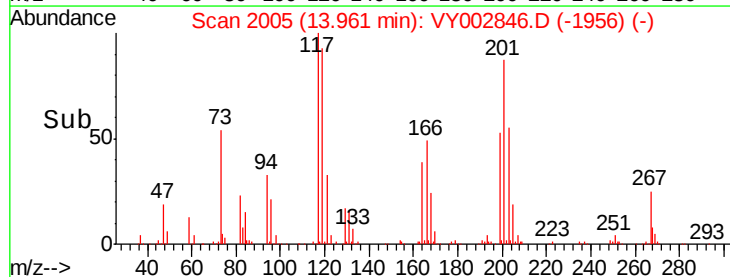
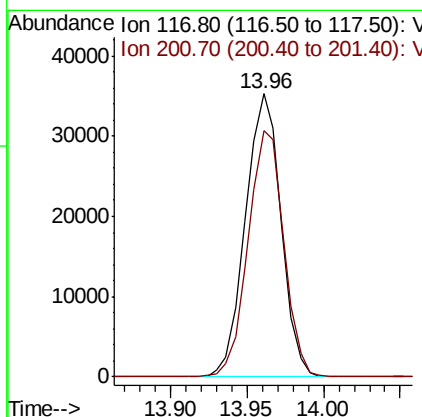
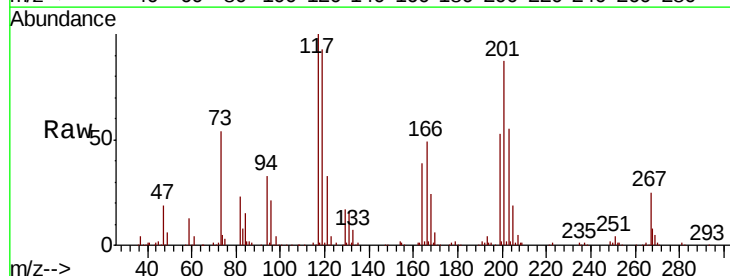
Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBS01

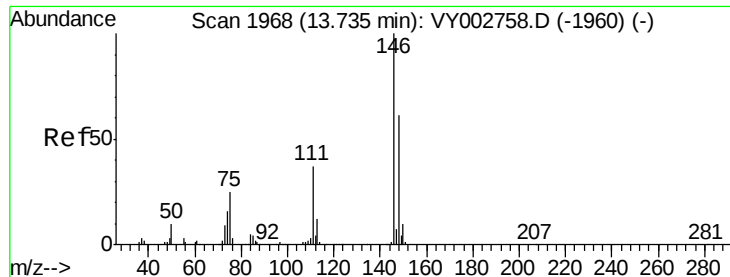
Tot Ion: 91 Resp: 276987
Ion Ratio Lower Upper
91 100
92 53.7 27.1 81.2
134 28.8 14.3 42.9



#90
Hexachloroethane
Concen: 21.804 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY002846.D
Acq: 05 Jun 2020 14:15

Tgt Ion: 117 Resp: 57035
Ion Ratio Lower Upper
117 100
201 87.1 43.9 131.6

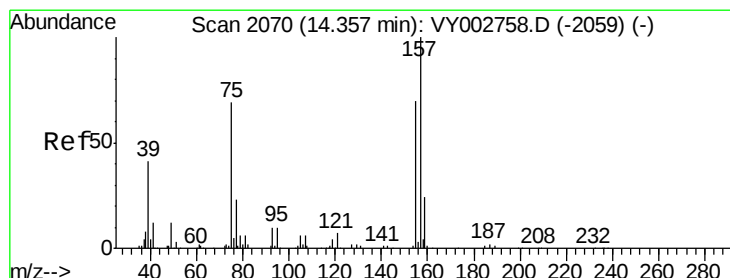
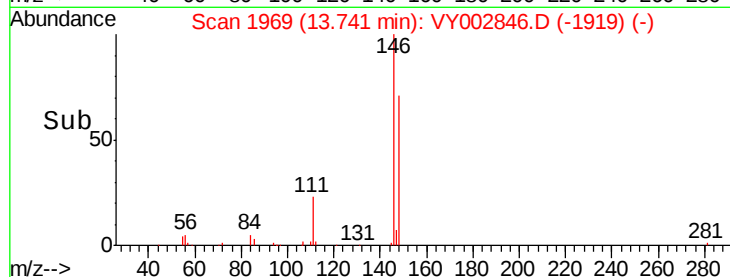
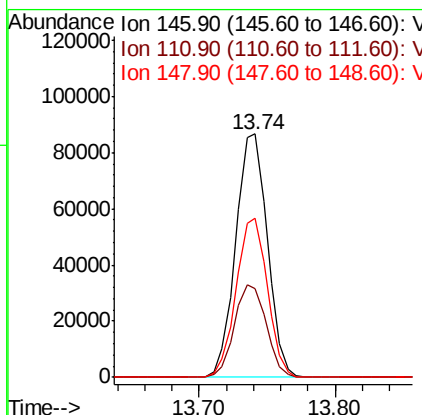
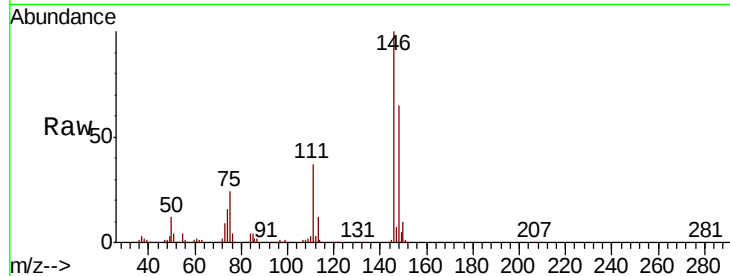




#91
 1,2-Dichlorobenzene
 Concen: 21.336 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.01 min
 Lab File: VY002846.D
 Acq: 05 Jun 2020 14:15

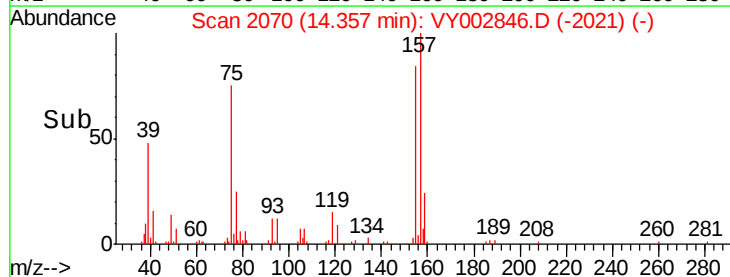
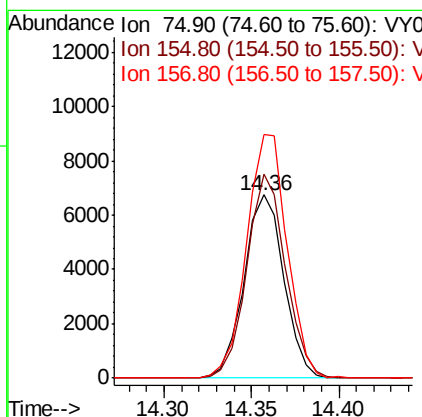
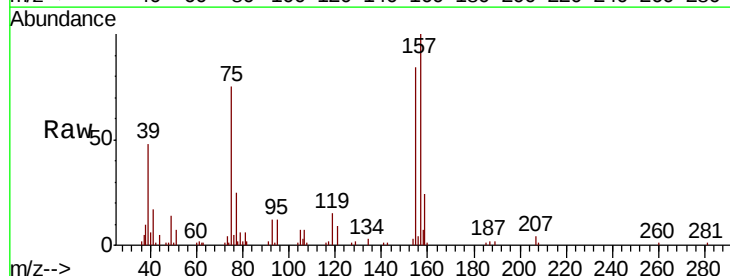
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0605SBS01

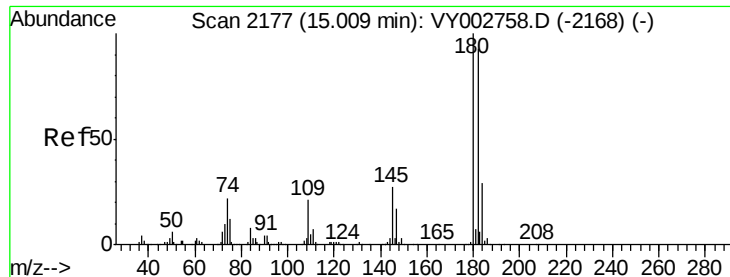
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.9	56.9
148	64.5	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.412 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY002846.D
 Acq: 05 Jun 2020 14:15

Tgt Ion	Ratio	Lower	Upper
75	100		
155	108.4	53.5	160.5
157	135.8	69.9	209.7

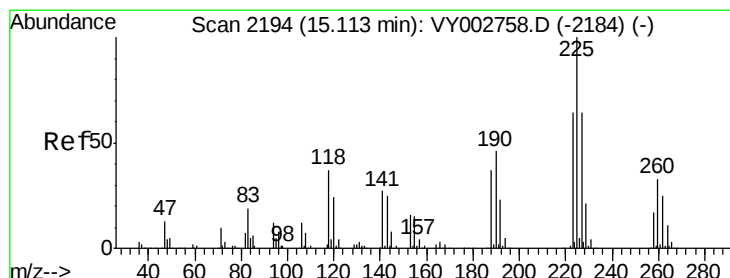
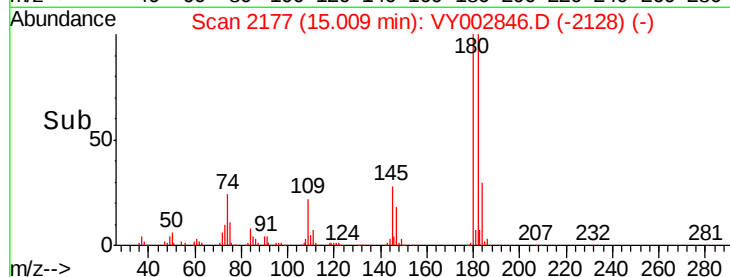
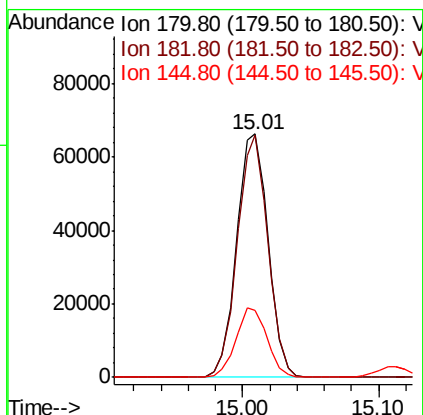
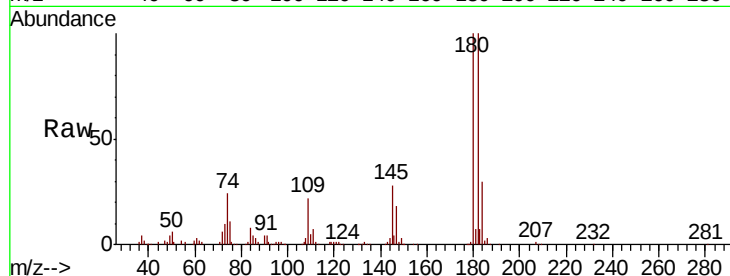




#93
 1,2,4-Trichlorobenzene
 Concen: 21.471 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VY002846.D
 Acq: 05 Jun 2020 14:15

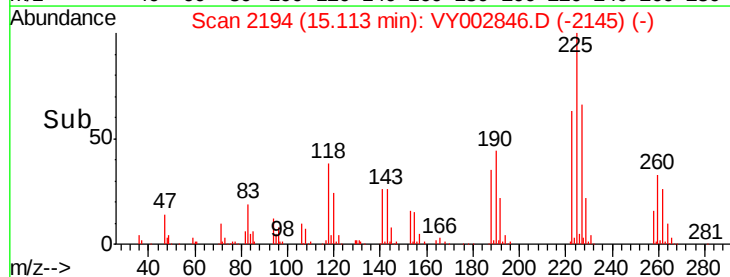
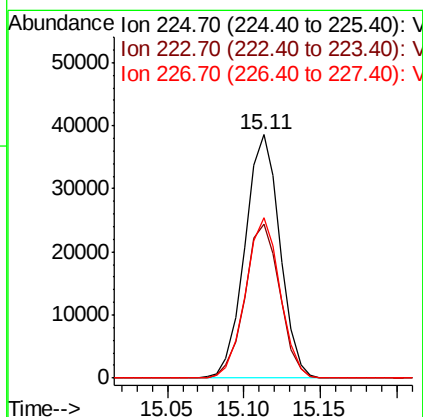
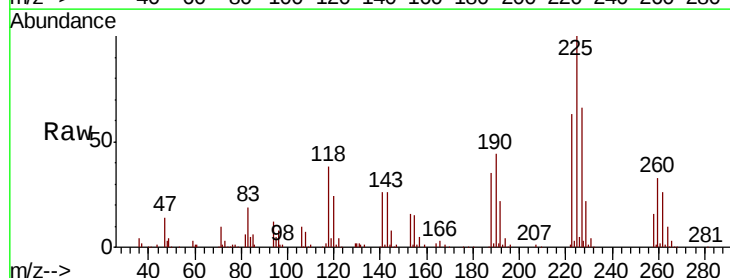
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0605SBS01

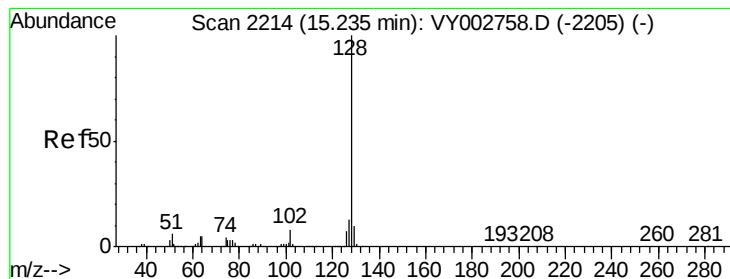
Tot Ion:180 Resp: 106741
 Ion Ratio Lower Upper
 180 100
 182 96.1 47.3 141.9
 145 28.2 14.1 42.3



#94
 Hexachlorobutadiene
 Concen: 21.744 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY002846.D
 Acq: 05 Jun 2020 14:15

Tgt Ion:225 Resp: 61313
 Ion Ratio Lower Upper
 225 100
 223 63.1 31.6 95.0
 227 64.6 32.3 96.9





#95

Naphthalene

Concen: 21.156 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. 0.00 min

Lab File: VY002846.D

Acq: 05 Jun 2020 14:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0605SBS01

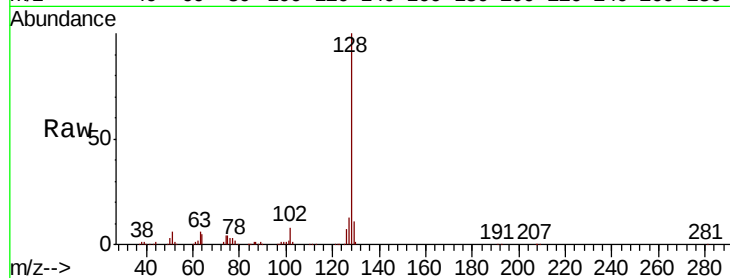
Tot Ion:128 Resp: 210884

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

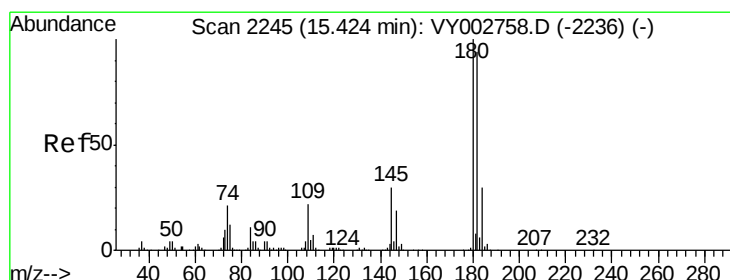
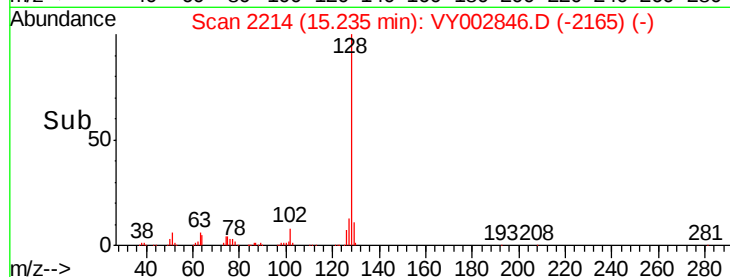
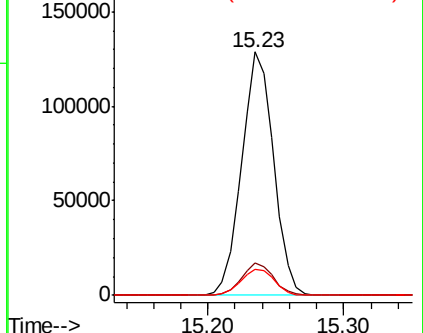
129 11.3 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 21.398 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VY002846.D

Acq: 05 Jun 2020 14:15

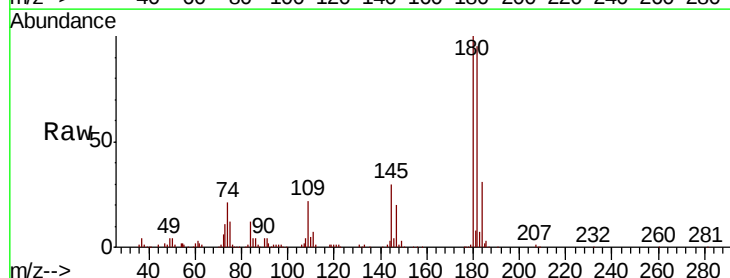
Tgt Ion:180 Resp: 94995

Ion Ratio Lower Upper

180 100

182 95.1 48.1 144.4

145 30.4 15.1 45.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

