

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY060120\
 Data File : VY002805.D
 Acq On : 01 Jun 2020 13:14
 Operator : SY/MD
 Sample : VY0601SBSD01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0601SBSD01

Quant Time: Jun 01 18:21:17 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	291299	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	426242	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	403008	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	222923	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	125524	49.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.26%	
35) Dibromofluoromethane	7.72	113	126650	50.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.40%	
50) Toluene-d8	10.18	98	498470	49.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.70%	
62) 4-Bromofluorobenzene	12.49	95	176629	51.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	39919	19.916	ug/l	94
3) Chloromethane	2.12	50	45163	20.371	ug/l	100
4) Vinyl Chloride	2.26	62	48162	20.553	ug/l	96
5) Bromomethane	2.65	94	37150	21.155	ug/l	97
6) Chloroethane	2.79	64	31753	20.903	ug/l	99
7) Trichlorofluoromethane	3.13	101	87456	21.072	ug/l	98
8) Diethyl Ether	3.54	74	31109	19.197	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.91	101	51778	21.012	ug/l	97
10) Methyl Iodide	4.10	142	70108	20.333	ug/l	99
11) Tert butyl alcohol	4.97	59	32013	110.643	ug/l #	84
12) 1,1-Dichloroethene	3.88	96	51644	20.840	ug/l	98
13) Acrolein	3.74	56	29218	98.575	ug/l	99
14) Allyl chloride	4.49	41	73081	20.562	ug/l	98
15) Acrylonitrile	5.18	53	78399	107.236	ug/l	99
16) Acetone	3.96	43	62401	105.214	ug/l	98
17) Carbon Disulfide	4.20	76	152587	20.376	ug/l	99
18) Methyl Acetate	4.49	43	35318	23.214	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	143159	20.926	ug/l	100
20) Methylene Chloride	4.72	84	66846	23.063	ug/l	97
21) trans-1,2-Dichloroethene	5.23	96	57821	20.747	ug/l	98
22) Diisopropyl ether	6.13	45	154667	20.941	ug/l	94
23) Vinyl Acetate	6.07	43	514309	105.471	ug/l	99
24) 1,1-Dichloroethane	6.03	63	89578	20.733	ug/l	98
25) 2-Butanone	7.00	43	97752	105.789	ug/l	95
26) 2,2-Dichloropropane	6.99	77	84604	20.418	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	63163	20.246	ug/l	98
28) Bromochloromethane	7.34	49	38085	21.473	ug/l	99
29) Tetrahydrofuran	7.36	42	63382	105.453	ug/l	98
30) Chloroform	7.52	83	94647	20.644	ug/l	99
31) Cyclohexane	7.79	56	86569	20.181	ug/l	94
32) 1,1,1-Trichloroethane	7.71	97	88367	20.684	ug/l	100
36) 1,1-Dichloropropene	7.93	75	74446	20.734	ug/l	99
37) Ethyl Acetate	7.08	43	41882	21.439	ug/l	98
38) Carbon Tetrachloride	7.91	117	84307	21.136	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	98007	20.708	ug/l	98
40) Benzene	8.17	78	221590	20.886	ug/l	99
41) Methacrylonitrile	7.33	41	20037m	19.092	ug/l	
42) 1,2-Dichloroethane	8.24	62	63254	21.274	ug/l	99
43) Isopropyl Acetate	8.28	43	78293	21.149	ug/l	99
44) Trichloroethene	8.94	130	69599	20.768	ug/l	100
45) 1,2-Dichloropropane	9.22	63	53180	20.902	ug/l	100
46) Dibromomethane	9.31	93	31549	20.880	ug/l	99
47) Bromodichloromethane	9.50	83	74635	20.952	ug/l	97
48) Methyl methacrylate	9.30	41	35979	21.529	ug/l	97
49) 1,4-Dioxane	9.30	88	10045	432.960	ug/l	93
51) 4-Methyl-2-Pentanone	10.07	43	212023	108.159	ug/l	100
52) Toluene	10.25	92	146191	21.064	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	82021	21.081	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	93601	21.231	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	49082	21.218	ug/l	98
56) Ethyl methacrylate	10.51	69	65085	21.006	ug/l	99
57) 1,3-Dichloropropane	10.79	76	80429	21.139	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	158263	104.535	ug/l	98
59) 2-Hexanone	10.83	43	148828	107.004	ug/l	100
60) Dibromochloromethane	10.99	129	62187	21.204	ug/l	100
61) 1,2-Dibromoethane	11.09	107	48422	21.220	ug/l	100
64) Tetrachloroethene	10.72	164	74282	20.280	ug/l	99
65) Chlorobenzene	11.52	112	163868	20.572	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	62066	20.689	ug/l	100
67) Ethyl Benzene	11.60	91	282532	20.460	ug/l	99
68) m/p-Xylenes	11.70	106	219499	40.997	ug/l	99
69) o-Xylene	12.03	106	105275	20.828	ug/l	100
70) Styrene	12.05	104	181688	20.736	ug/l	100
71) Bromoform	12.21	173	43472	21.656	ug/l #	98
73) Isopropylbenzene	12.33	105	285223	19.965	ug/l	99
74) N-amyl acetate	12.14	43	74612	20.355	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	51975	20.736	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	43152m	21.483	ug/l	
77) Bromobenzene	12.61	156	74440	20.012	ug/l	99
78) n-propylbenzene	12.67	91	332889	20.173	ug/l	100
79) 2-Chlorotoluene	12.76	91	186157	20.111	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	242010	20.289	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	22362	20.974	ug/l #	81
82) 4-Chlorotoluene	12.86	91	196573	20.269	ug/l	100
83) tert-Butylbenzene	13.08	119	212946	20.014	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	242837	20.247	ug/l	100
85) sec-Butylbenzene	13.25	105	294778	20.262	ug/l	100
86) p-Isopropyltoluene	13.37	119	276267	20.408	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	144015	20.439	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	144365	20.482	ug/l	99
89) n-Butylbenzene	13.70	91	250379	20.372	ug/l	99
90) Hexachloroethane	13.96	117	51004	20.126	ug/l	96
91) 1,2-Dichlorobenzene	13.74	146	131212	20.534	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	10262	21.280	ug/l	97

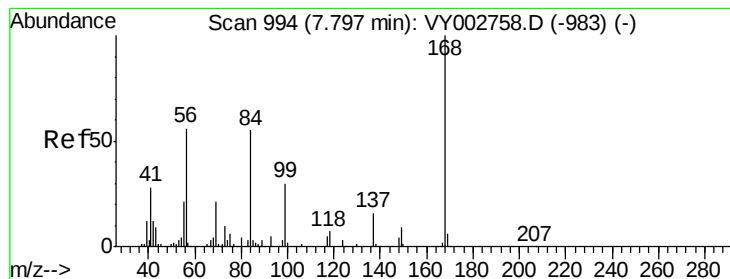
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY060120\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	99143	20.584	ug/l	99
94) Hexachlorobutadiene	15.11	225	57498	21.047	ug/l	98
95) Naphthalene	15.23	128	198554	20.560	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	88352	20.542	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: VY002805.D

Acq: 01 Jun 2020 13:14

Instrument :

MSVOA_Y

ClientSampleId :

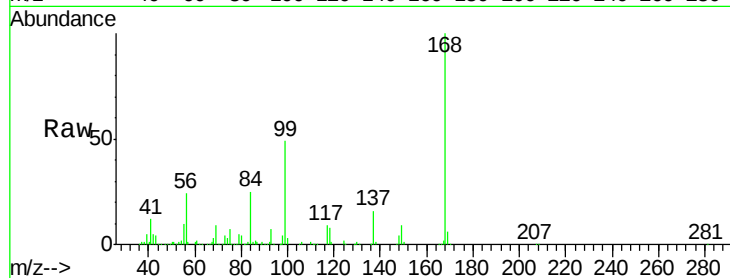
VY0601SBSD01

Tot Ion:168 Resp: 291299

Ion Ratio Lower Upper

168 100

99 49.0 39.0 58.4



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

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

7.80

150000

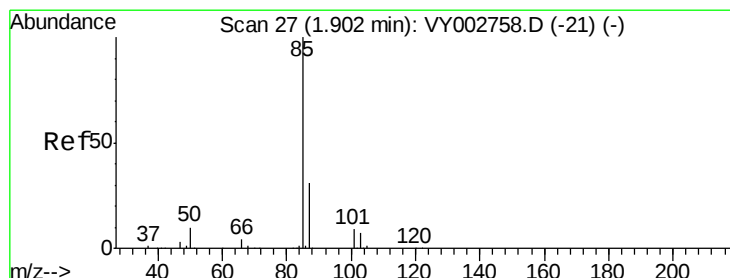
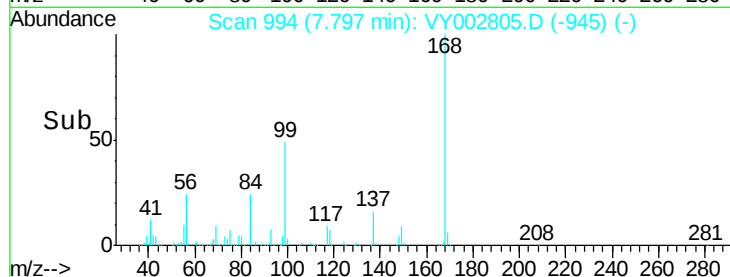
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 19.916 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY002805.D

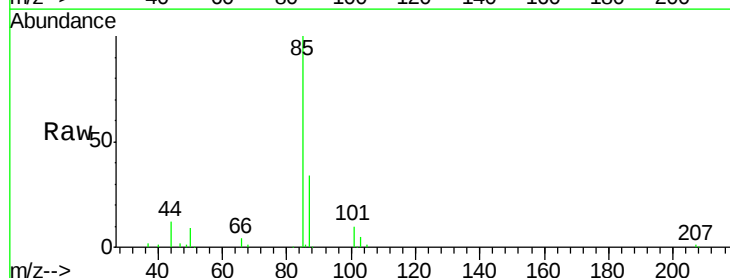
Acq: 01 Jun 2020 13:14

Tgt Ion: 85 Resp: 39919

Ion Ratio Lower Upper

85 100

87 34.4 15.5 46.5



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

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

1.91

30000

25000

20000

15000

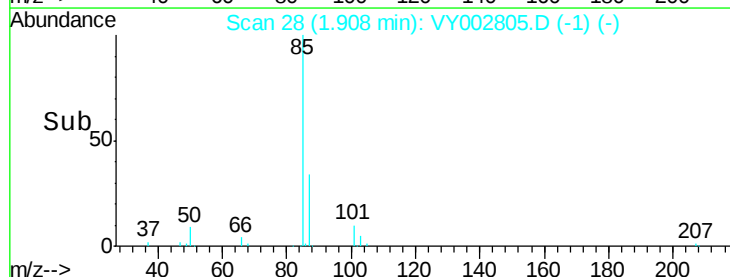
10000

5000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 20.371 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY002805.D

Acq: 01 Jun 2020 13:14

Instrument :

MSVOA_Y

ClientSampleId :

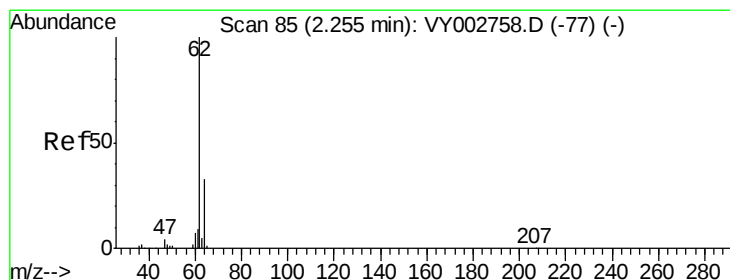
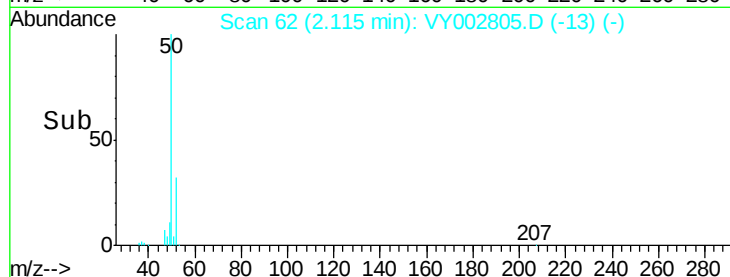
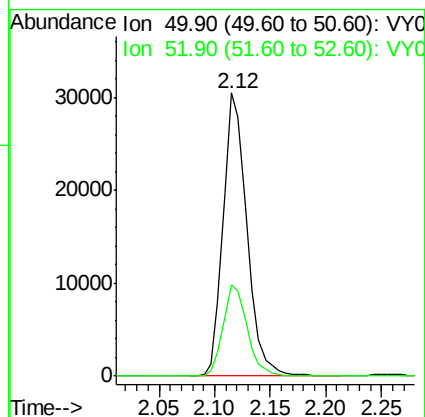
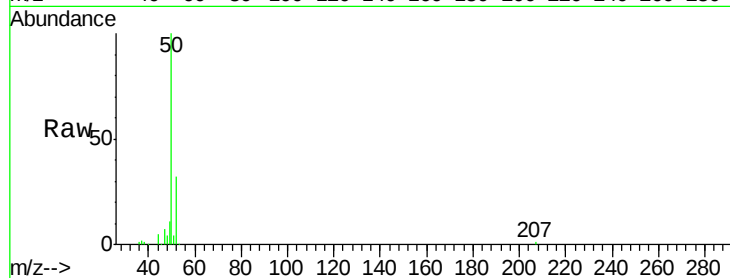
VY0601SBSD01

Tot Ion: 50 Resp: 45163

Ion Ratio Lower Upper

50 100

52 32.1 25.8 38.6



#4

Vinyl Chloride

Concen: 20.553 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.00 min

Lab File: VY002805.D

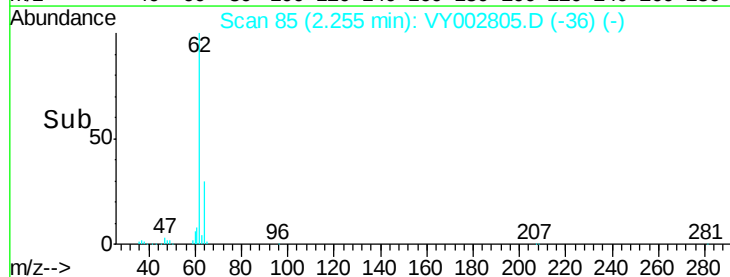
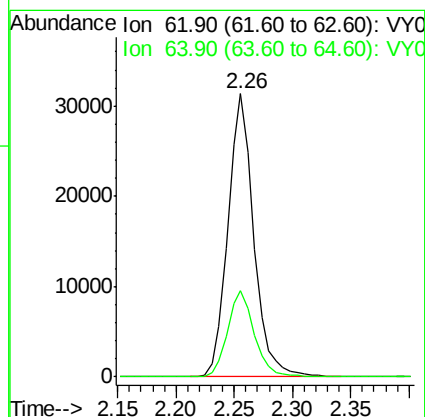
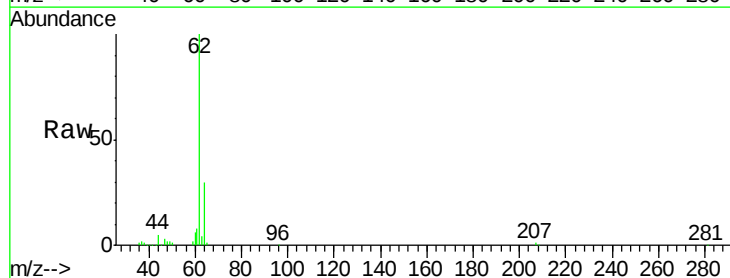
Acq: 01 Jun 2020 13:14

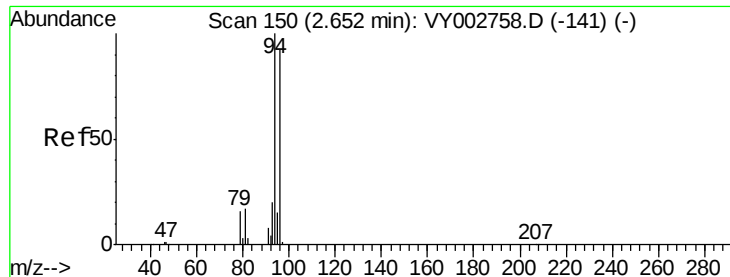
Tgt Ion: 62 Resp: 48162

Ion Ratio Lower Upper

62 100

64 30.4 26.1 39.1





#5

Bromomethane

Concen: 21.155 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY002805.D

Acq: 01 Jun 2020 13:14

Instrument :

MSVOA_Y

ClientSampleId :

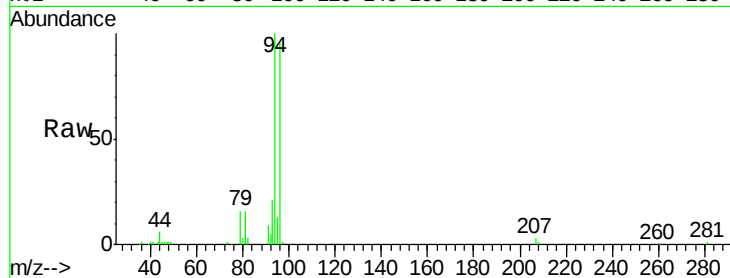
VY0601SBSD01

Tot Ion: 94 Resp: 37150

Ion Ratio Lower Upper

94 100

96 95.4 73.7 110.5



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

20000

15000

10000

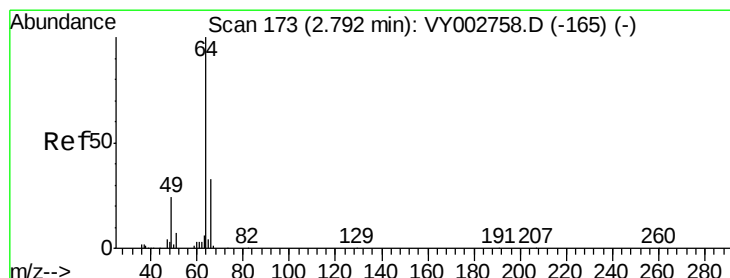
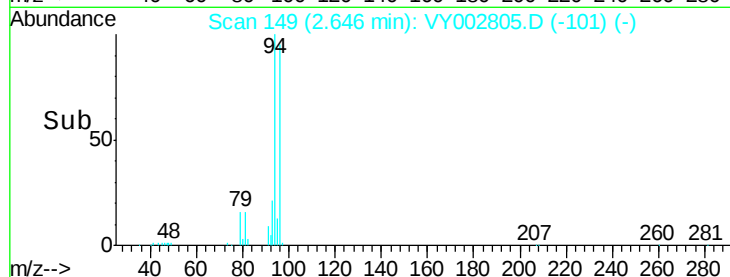
5000

0

2.65

2.60 2.70 2.80

Time-->



#6

Chloroethane

Concen: 20.903 ug/l

RT: 2.79 min Scan# 173

Delta R.T. 0.00 min

Lab File: VY002805.D

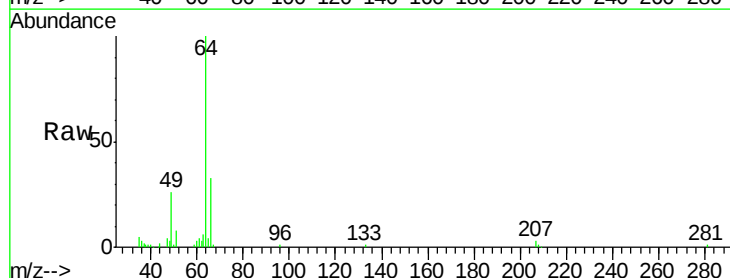
Acq: 01 Jun 2020 13:14

Tgt Ion: 64 Resp: 31753

Ion Ratio Lower Upper

64 100

66 33.3 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

15000

10000

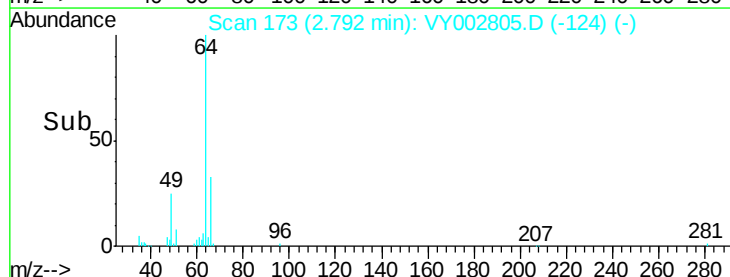
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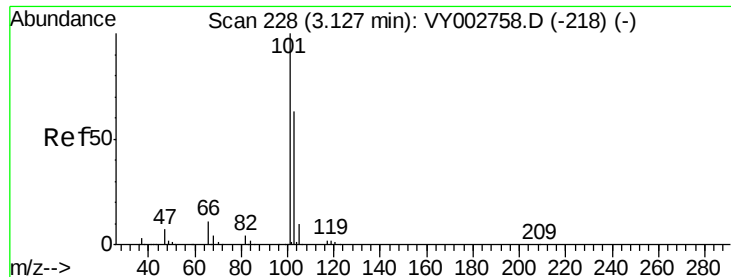
0

2.79

2.70 2.80 2.90

Time-->



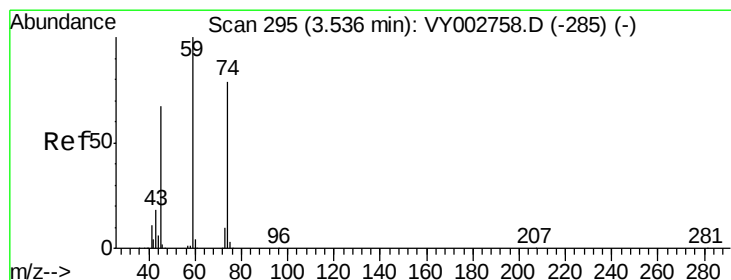
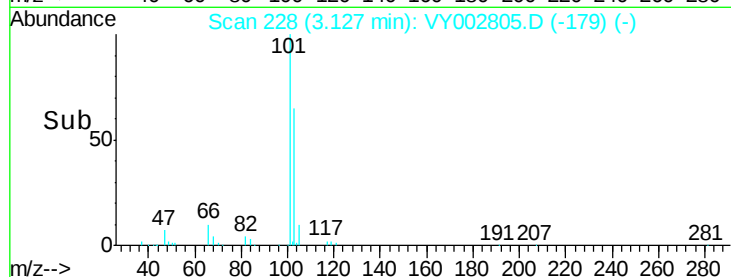
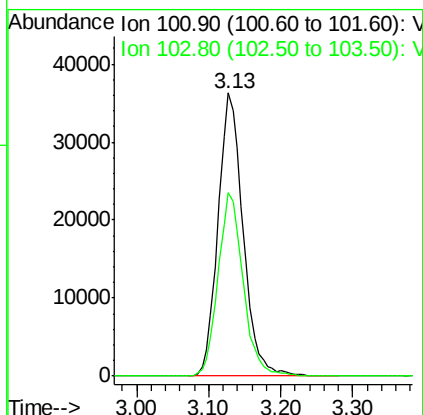
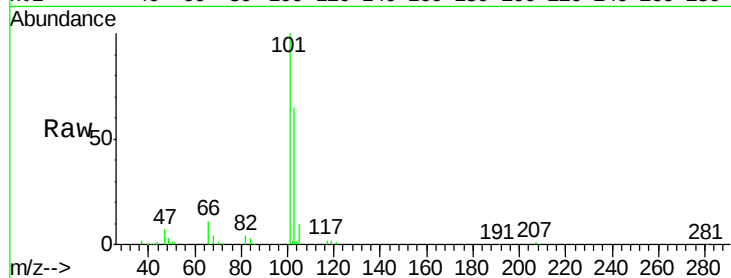


#7

Trichlorofluoromethane
 Concen: 21.072 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. 0.00 min
 Lab File: VY002805.D
 Acq: 01 Jun 2020 13:14

Instrument :
 MSVOA_Y
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 VY0601SBSD01

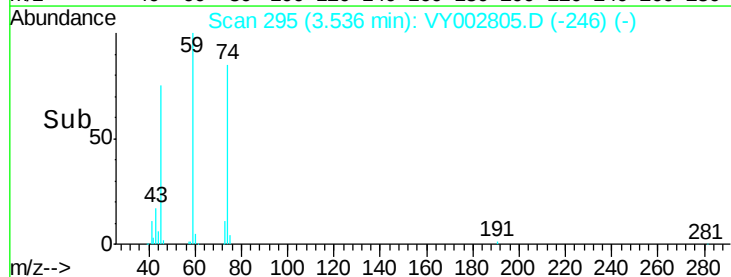
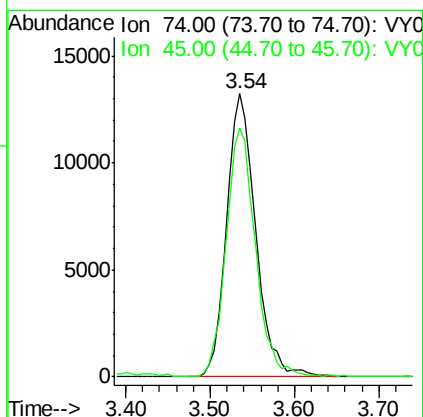
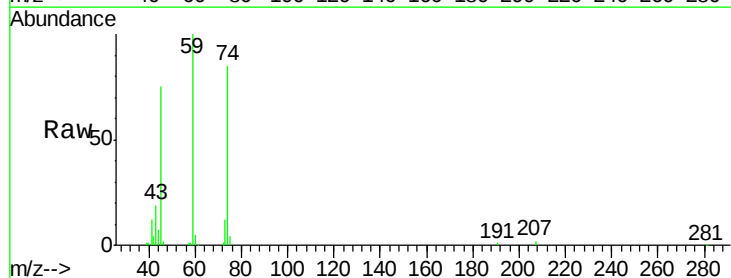
Tot Ion:101 Resp: 87456
 Ion Ratio Lower Upper
 101 100
 103 64.7 50.6 76.0

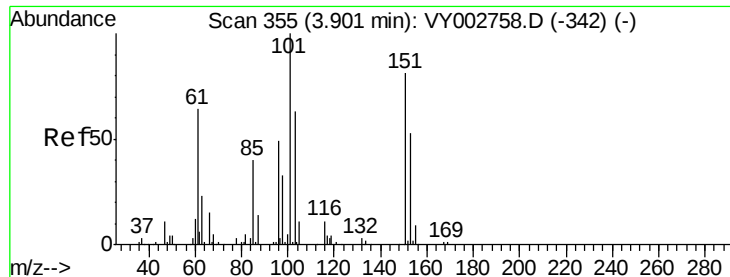


#8

Diethyl Ether
 Concen: 19.197 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. 0.00 min
 Lab File: VY002805.D
 Acq: 01 Jun 2020 13:14

Tgt Ion: 74 Resp: 31109
 Ion Ratio Lower Upper
 74 100
 45 88.9 44.0 131.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.012 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY002805.D

Acq: 01 Jun 2020 13:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0601SBSD01

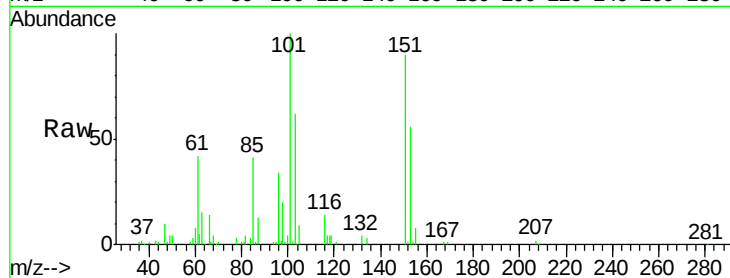
Tot Ion:101 Resp: 51778

Ion Ratio Lower Upper

101 100

85 41.8 32.7 49.1

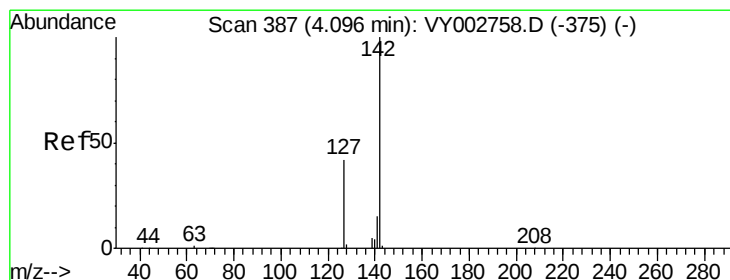
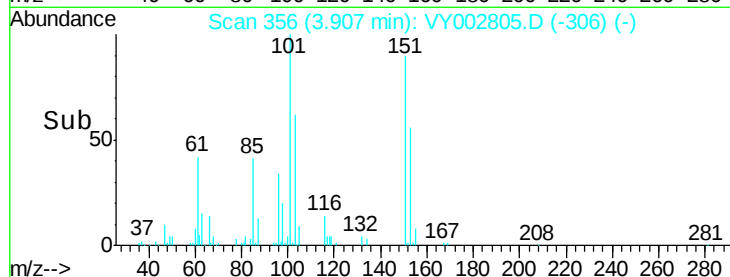
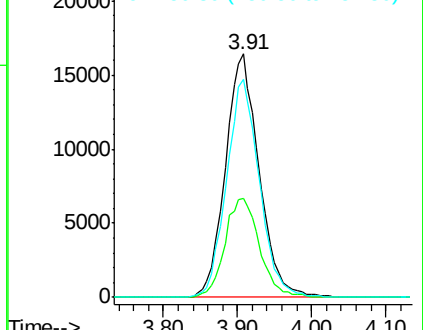
151 87.9 68.0 102.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.333 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY002805.D

Acq: 01 Jun 2020 13:14

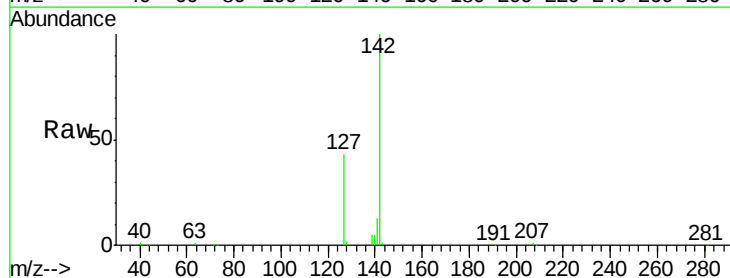
Tgt Ion:142 Resp: 70108

Ion Ratio Lower Upper

142 100

127 41.9 33.3 49.9

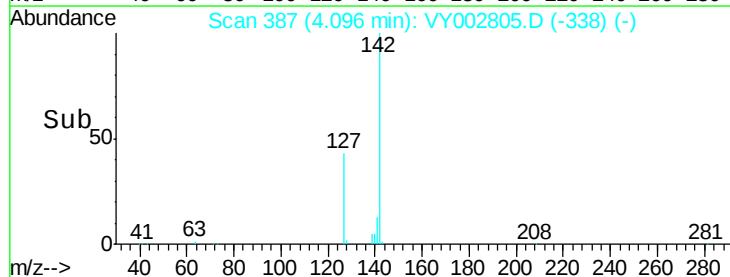
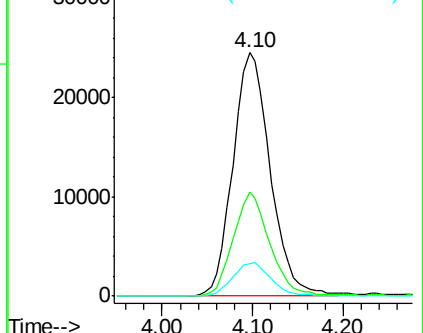
141 14.0 11.5 17.3



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

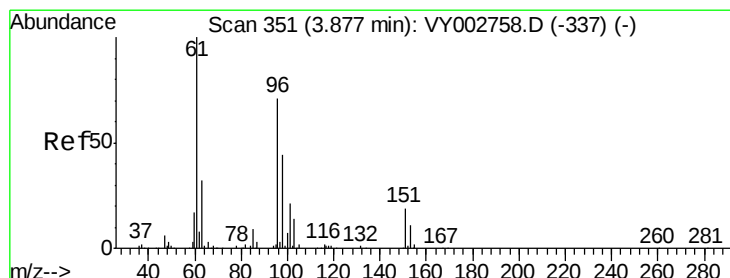
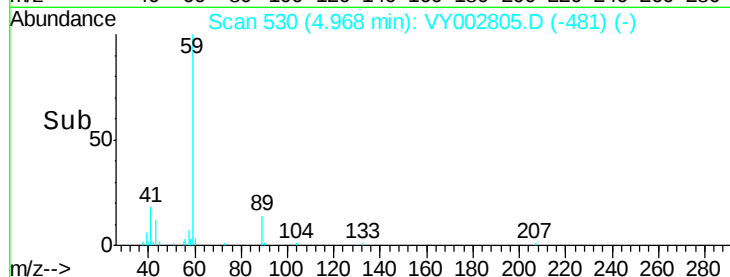
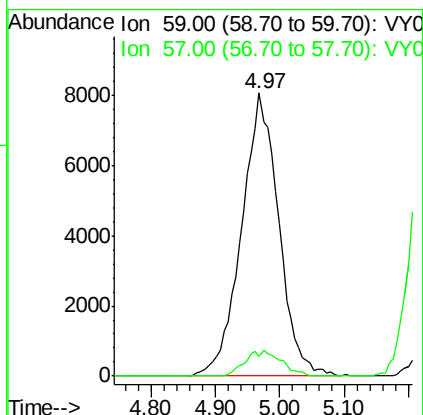
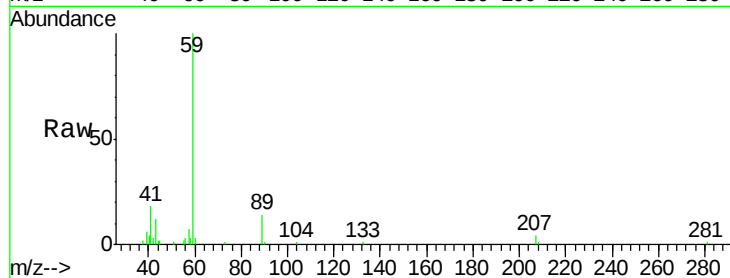




#11
Tert butyl alcohol
Concen: 110.643 ug/l
RT: 4.97 min Scan# 530
Delta R.T. 0.00 min
Lab File: VY002805.D
Acq: 01 Jun 2020 13:14

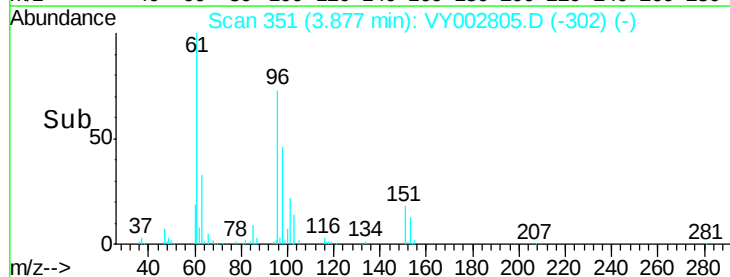
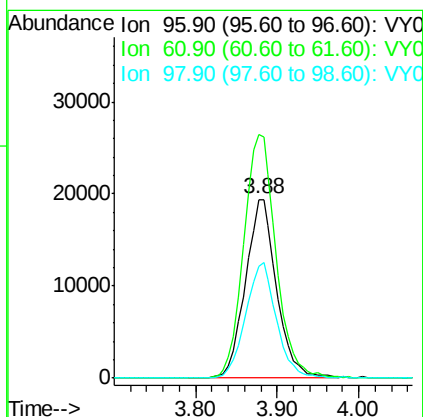
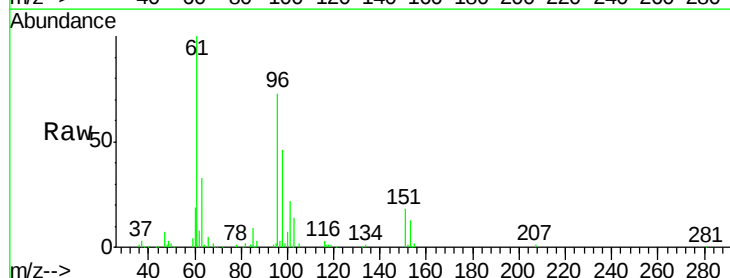
Instrument :
MSVOA_Y
ClientSampleId :
VY0601SBSD01

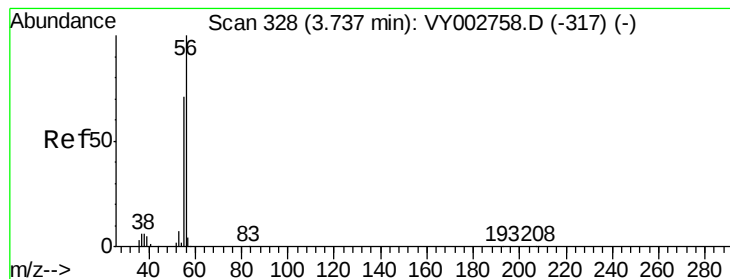
Tot Ion: 59 Resp: 32013
Ion Ratio Lower Upper
59 100
57 3.9 7.7 11.5#



#12
1,1-Dichloroethene
Concen: 20.840 ug/l
RT: 3.88 min Scan# 351
Delta R.T. 0.00 min
Lab File: VY002805.D
Acq: 01 Jun 2020 13:14

Tgt Ion: 96 Resp: 51644
Ion Ratio Lower Upper
96 100
61 136.5 112.6 168.8
98 62.6 50.0 75.0





#13

Acrolein

Concen: 98.575 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY002805.D

Acq: 01 Jun 2020 13:14

Instrument :

MSVOA_Y

ClientSampleId :

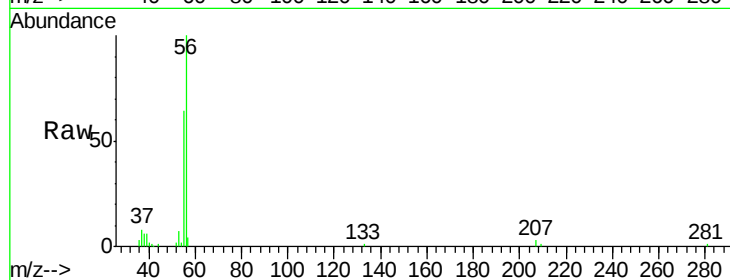
VY0601SBSD01

Tot Ion: 56 Resp: 29218

Ion Ratio Lower Upper

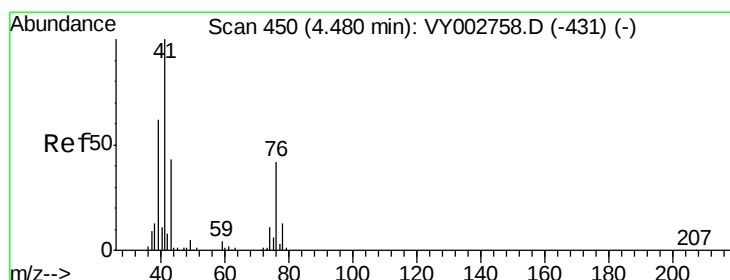
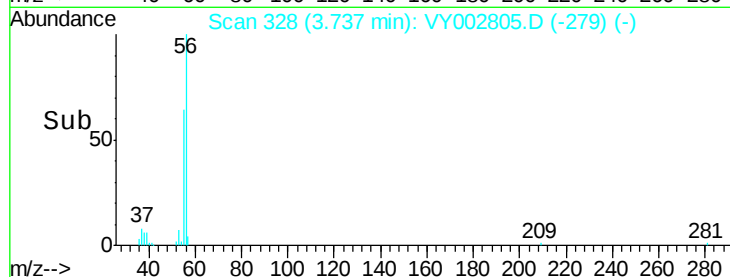
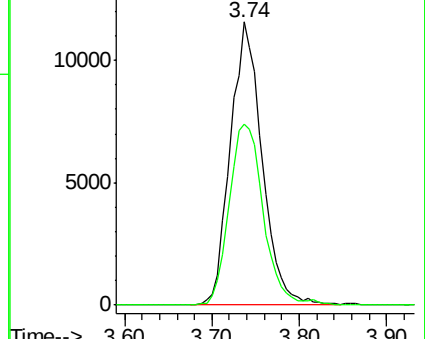
56 100

55 68.9 56.0 84.0



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 20.562 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY002805.D

Acq: 01 Jun 2020 13:14

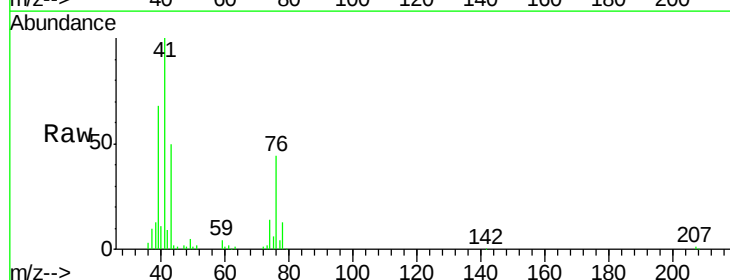
Tgt Ion: 41 Resp: 73081

Ion Ratio Lower Upper

41 100

39 64.0 49.9 74.9

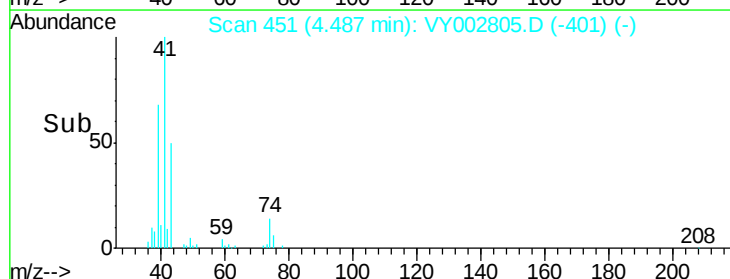
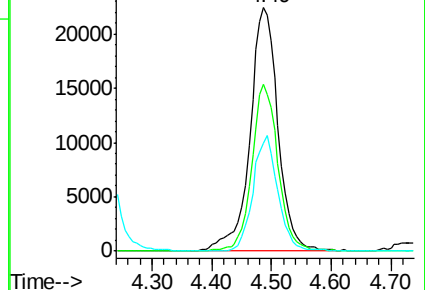
76 42.0 33.2 49.8

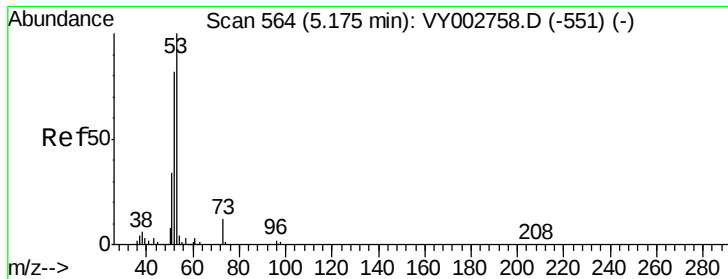


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 107.236 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY002805.D

Acq: 01 Jun 2020 13:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0601SBSD01

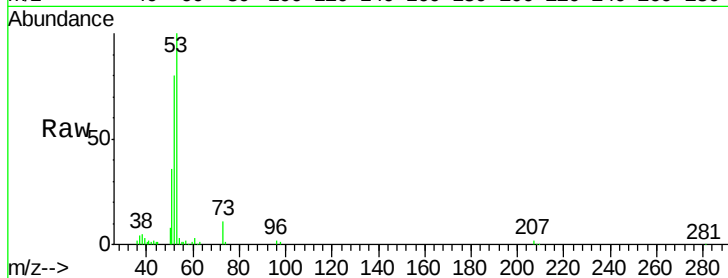
Tot Ion: 53 Resp: 78399

Ion Ratio Lower Upper

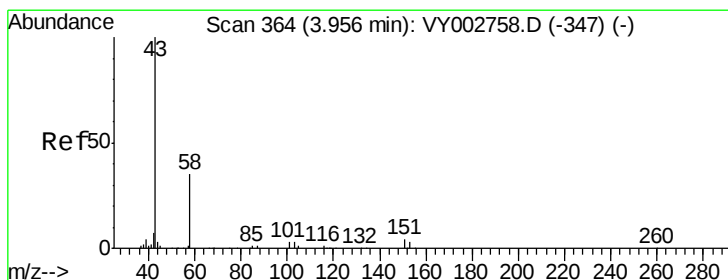
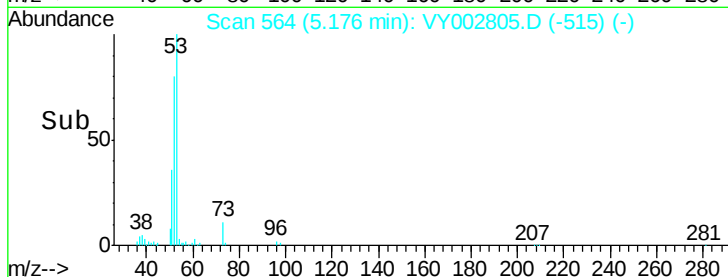
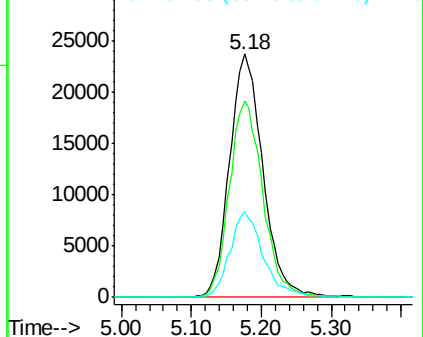
53 100

52 81.0 65.3 97.9

51 35.3 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: 105.214 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.00 min

Lab File: VY002805.D

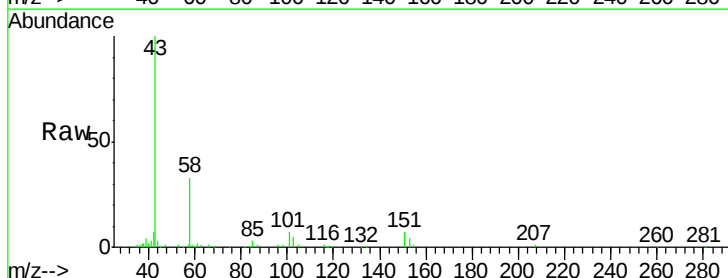
Acq: 01 Jun 2020 13:14

Tgt Ion: 43 Resp: 62401

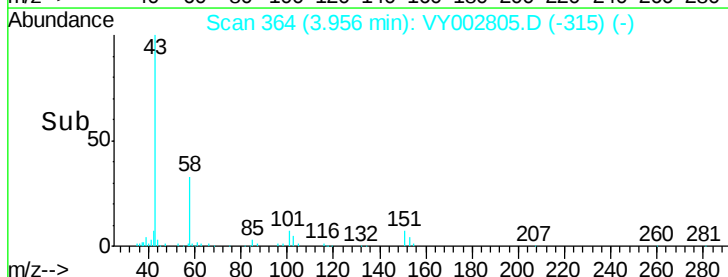
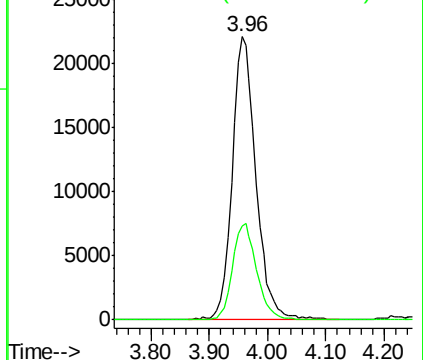
Ion Ratio Lower Upper

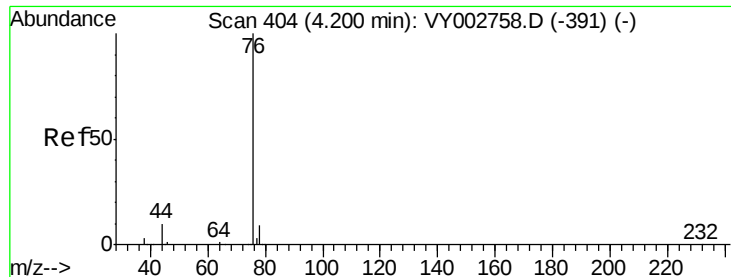
43 100

58 33.4 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: 20.376 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: VY002805.D

Acq: 01 Jun 2020 13:14

Instrument :

MSVOA_Y

ClientSampleId :

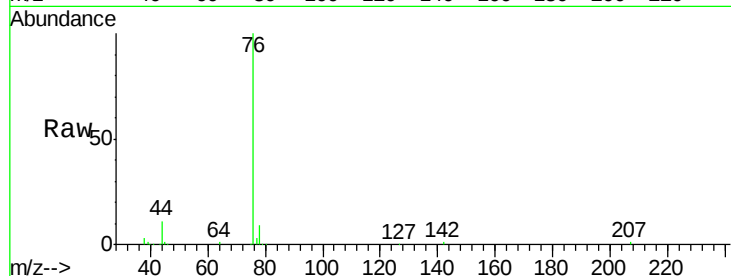
VY0601SBSD01

Tot Ion: 76 Resp: 152587

Ion Ratio Lower Upper

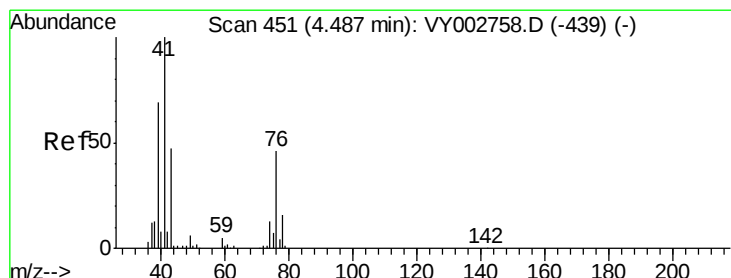
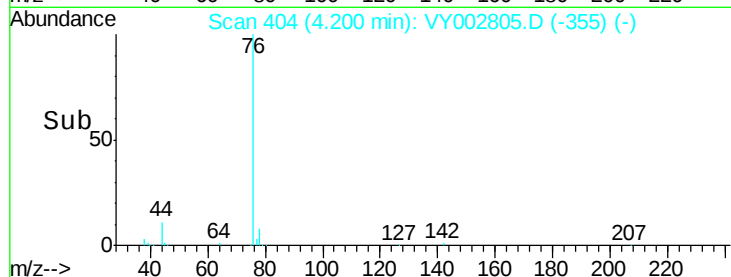
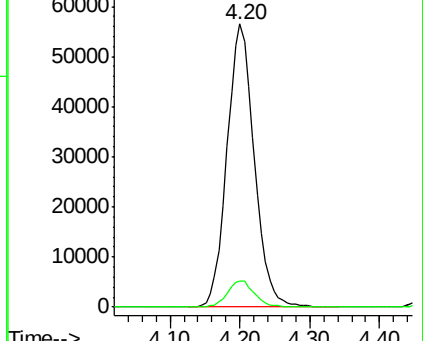
76 100

78 9.1 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 23.214 ug/l

RT: 4.49 min Scan# 452

Delta R.T. 0.01 min

Lab File: VY002805.D

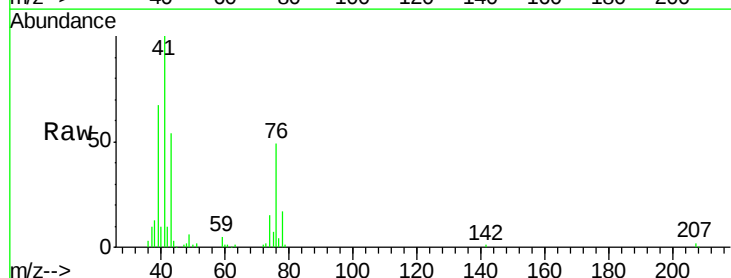
Acq: 01 Jun 2020 13:14

Tgt Ion: 43 Resp: 35318

Ion Ratio Lower Upper

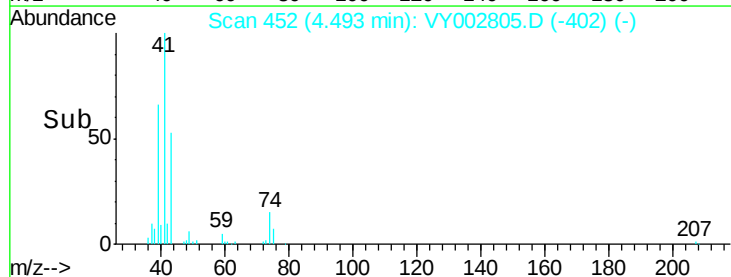
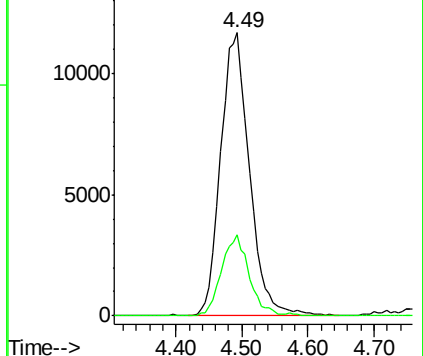
43 100

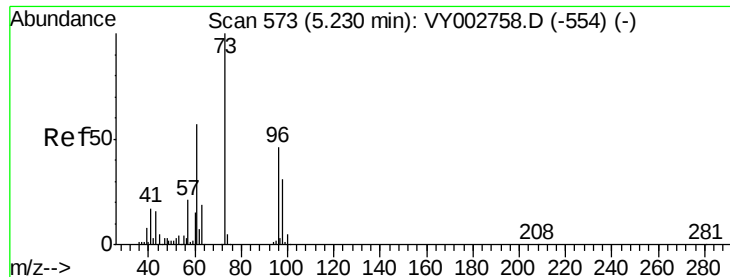
74 27.2 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

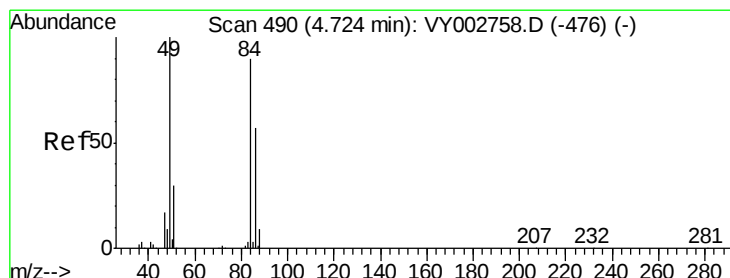
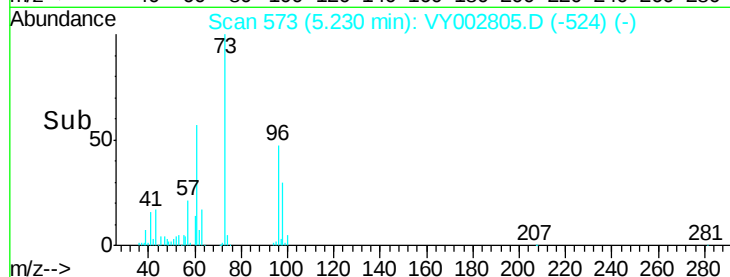
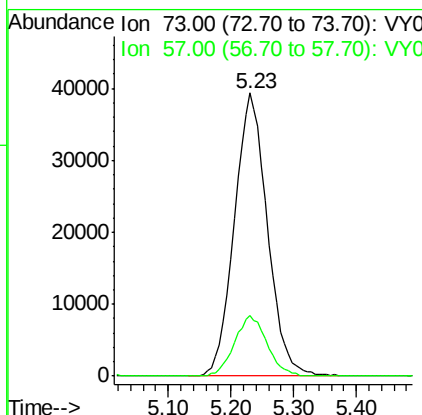
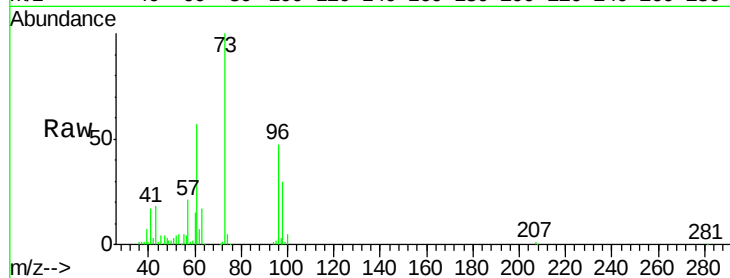




#19
Methvl tert-butvl Ether
Concen: 20.926 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.00 min
Lab File: VY002805.D
Acq: 01 Jun 2020 13:14

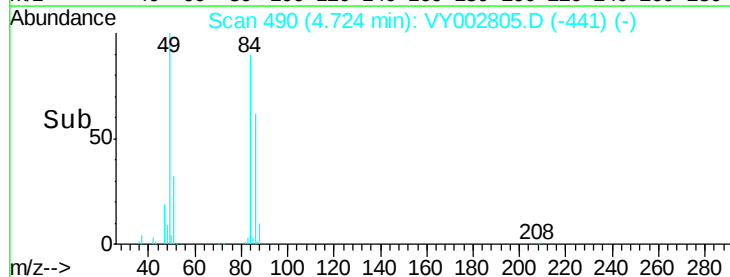
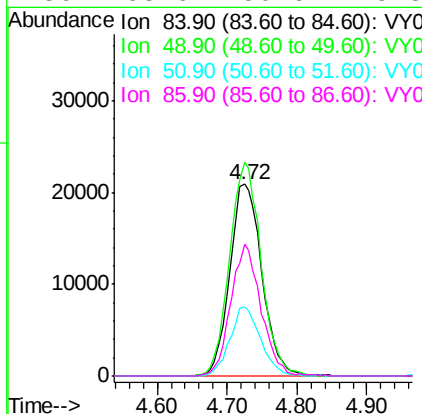
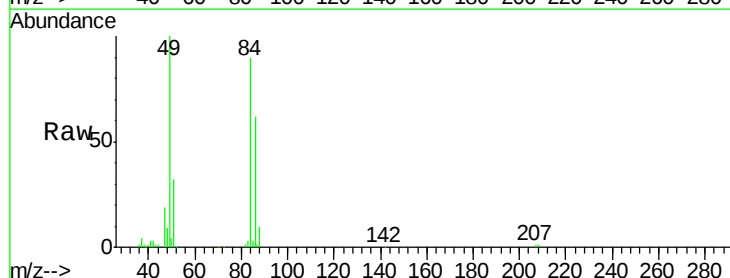
Instrument :
MSVOA_Y
ClientSampleId :
VY0601SBSD01

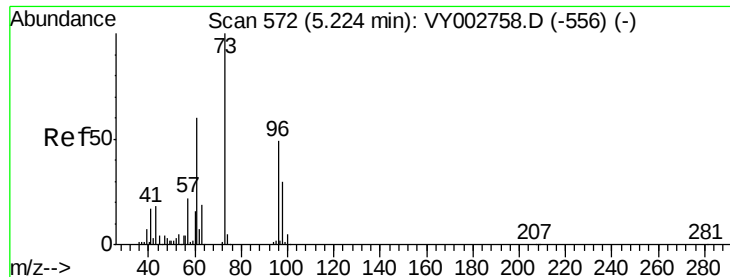
Tot Ion: 73 Resp: 143159
Ion Ratio Lower Upper
73 100
57 21.3 17.0 25.4



#20
Methylene Chloride
Concen: 23.063 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY002805.D
Acq: 01 Jun 2020 13:14

Tgt Ion: 84 Resp: 66846
Ion Ratio Lower Upper
84 100
49 111.4 88.5 132.7
51 36.1 26.8 40.2
86 68.6 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 20.747 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY002805.D

Acq: 01 Jun 2020 13:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0601SBSD01

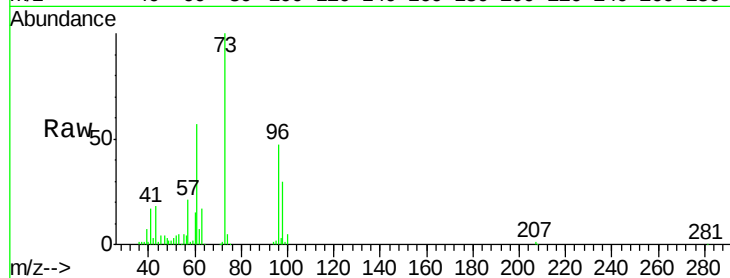
Tot Ion: 96 Resp: 57821

Ion Ratio Lower Upper

96 100

61 120.2 96.8 145.2

98 64.1 49.4 74.0

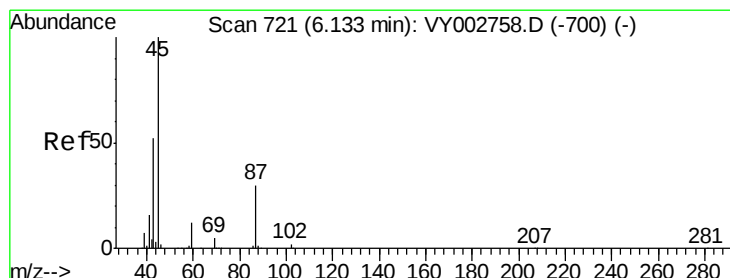
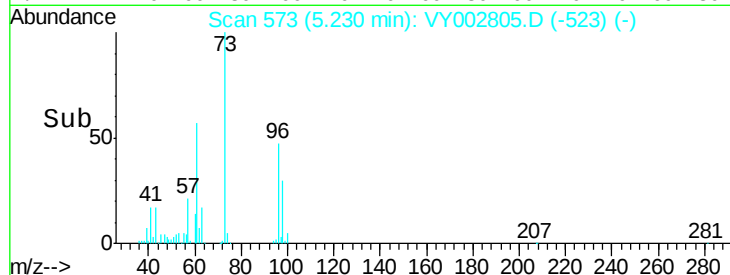
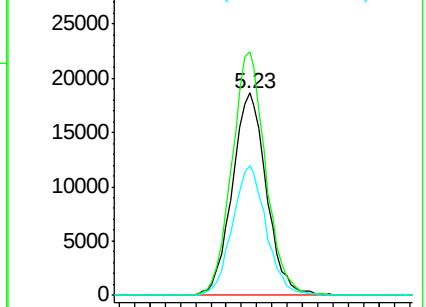


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 20.941 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY002805.D

Acq: 01 Jun 2020 13:14

Tgt Ion: 45 Resp: 154667

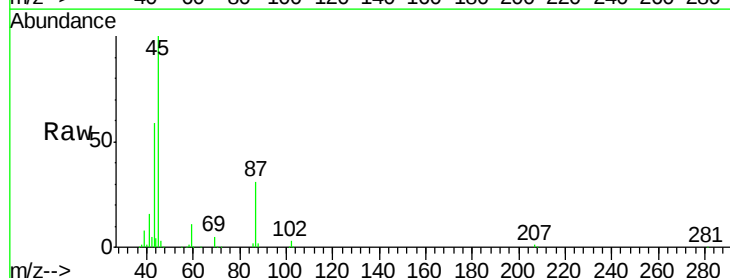
Ion Ratio Lower Upper

45 100

43 59.0 41.7 62.5

87 31.2 24.2 36.2

59 11.3 9.8 14.8



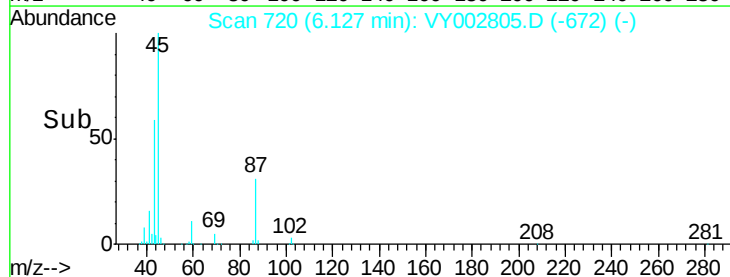
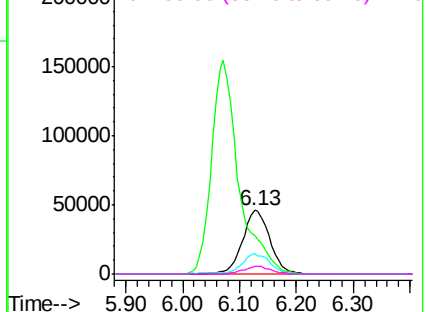
Abundance

Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0

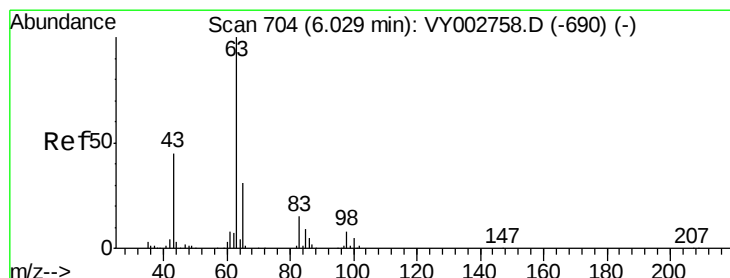
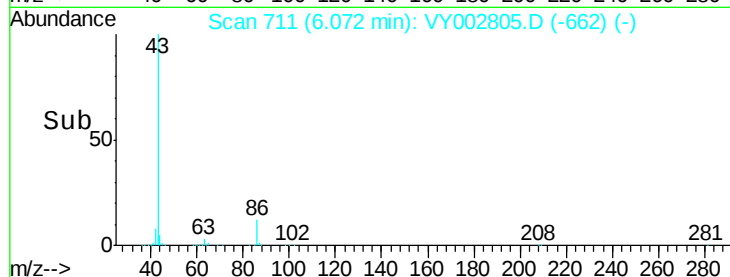
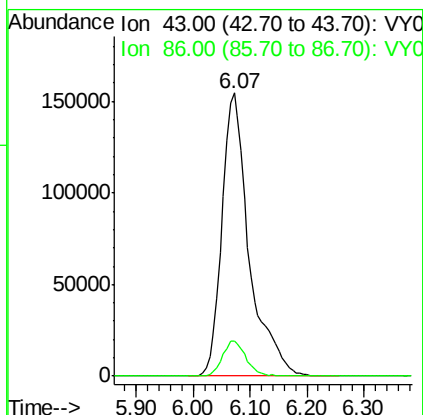
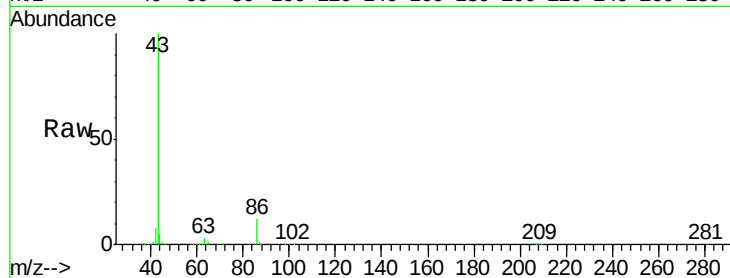




#23
 Vinyl Acetate
 Concen: 105.471 ug/l
 RT: 6.07 min Scan# 711
 Delta R.T. 0.00 min
 Lab File: VY002805.D
 Acq: 01 Jun 2020 13:14

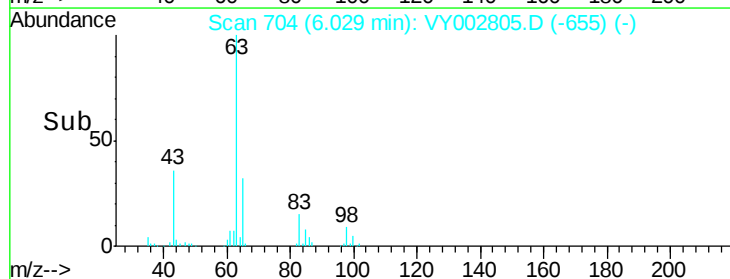
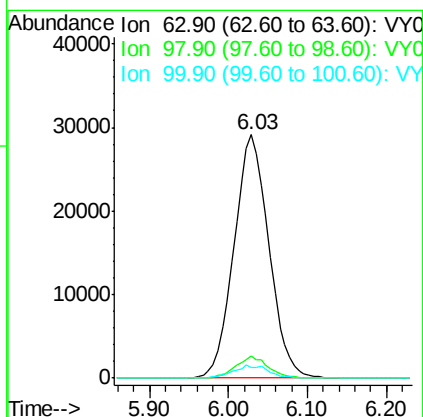
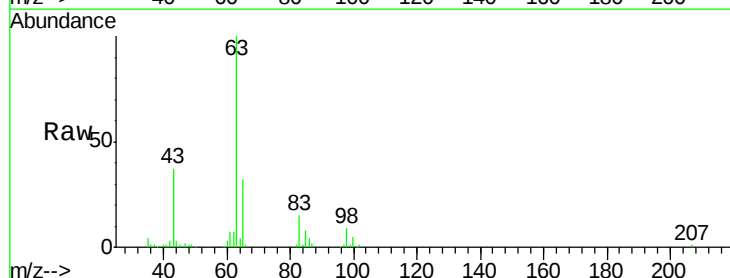
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0601SBSD01

Tot Ion: 43 Resp: 514309
 Ion Ratio Lower Upper
 43 100
 86 12.5 10.2 15.2



#24
 1,1-Dichloroethane
 Concen: 20.733 ug/l
 RT: 6.03 min Scan# 704
 Delta R.T. 0.00 min
 Lab File: VY002805.D
 Acq: 01 Jun 2020 13:14

Tgt Ion: 63 Resp: 89578
 Ion Ratio Lower Upper
 63 100
 98 9.1 4.0 12.2
 100 4.5 2.4 7.1

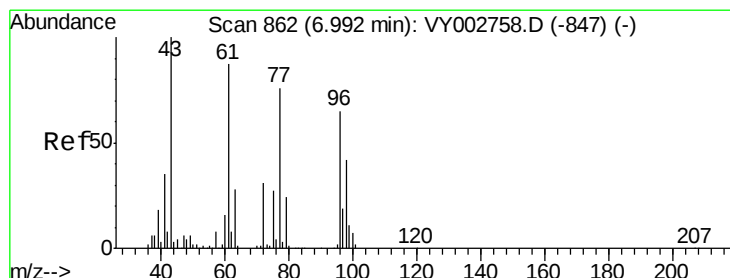
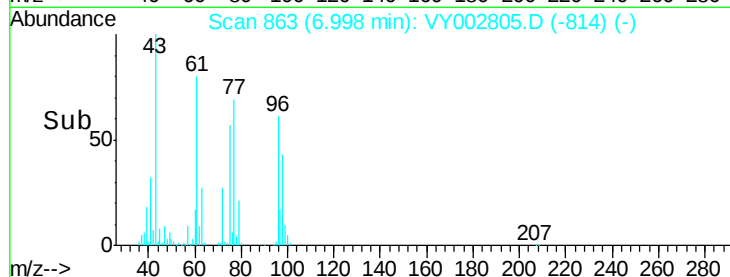
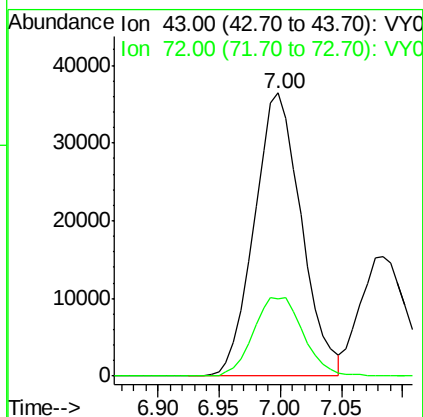
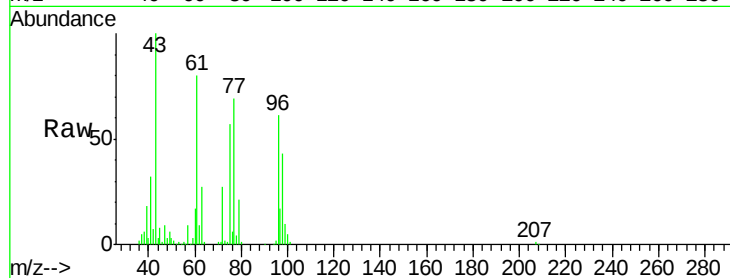




#25
2-Butanone
Concen: 105.789 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.00 min
Lab File: VY002805.D
Acq: 01 Jun 2020 13:14

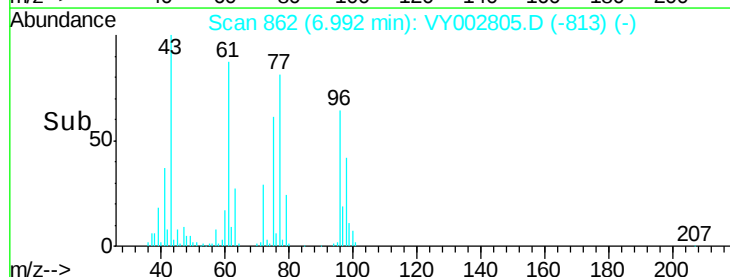
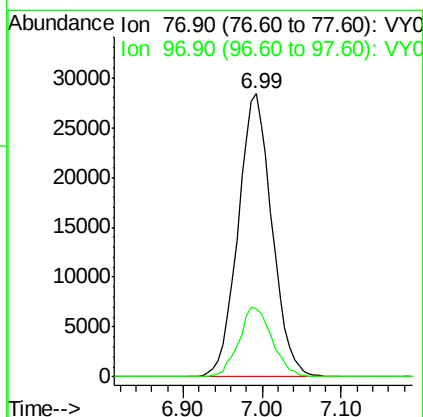
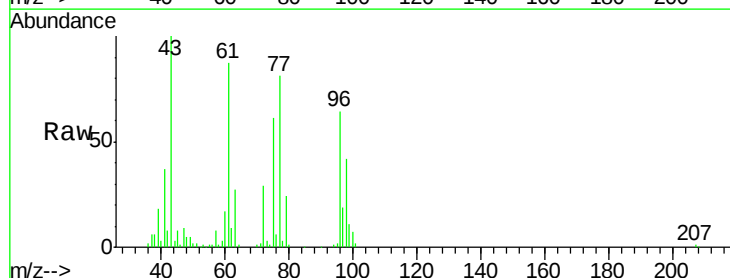
Instrument :
MSVOA_Y
ClientSampleId :
VY0601SBSD01

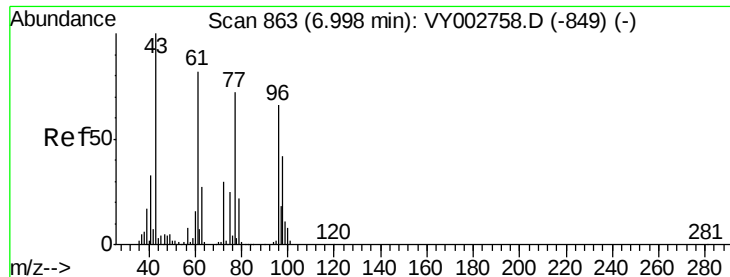
Tot Ion: 43 Resp: 97752
Ion Ratio Lower Upper
43 100
72 27.3 23.9 35.9



#26
2,2-Dichloropropane
Concen: 20.418 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY002805.D
Acq: 01 Jun 2020 13:14

Tgt Ion: 77 Resp: 84604
Ion Ratio Lower Upper
77 100
97 24.4 12.2 36.6



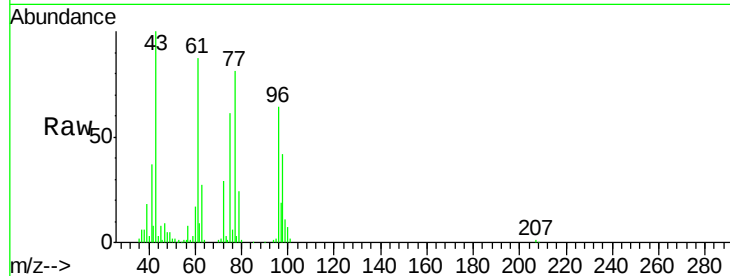


#27

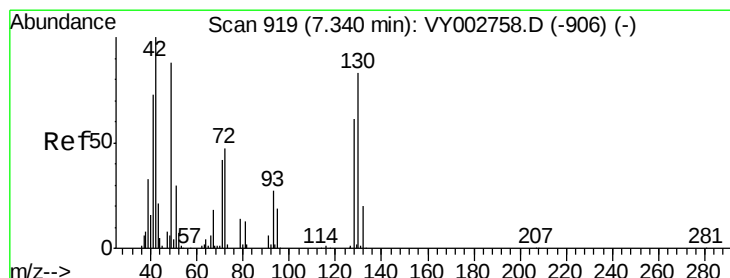
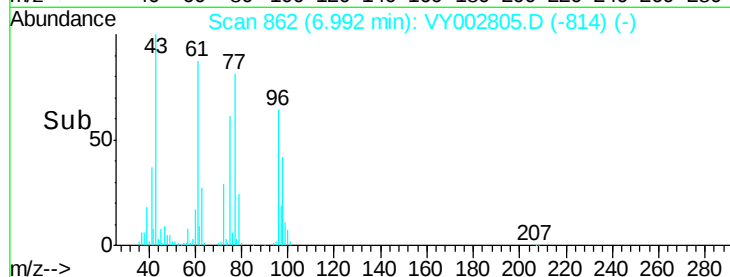
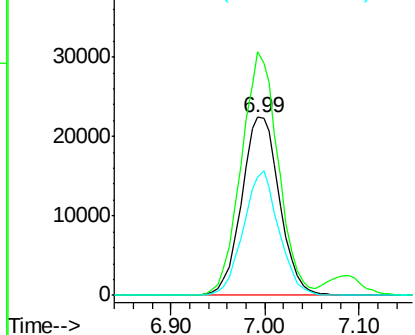
cis-1,2-Dichloroethene
Concen: 20.246 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY002805.D
Acq: 01 Jun 2020 13:14

Instrument :
MSVOA_Y
ClientSampleId :
VY0601SBSD01

Tot Ion: 96 Resp: 63163
Ion Ratio Lower Upper
96 100
61 133.5 0.0 260.2
98 65.3 0.0 128.2



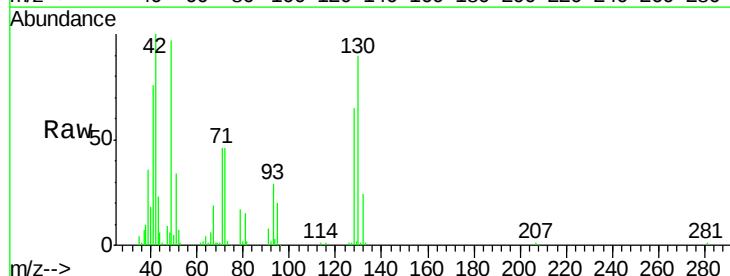
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



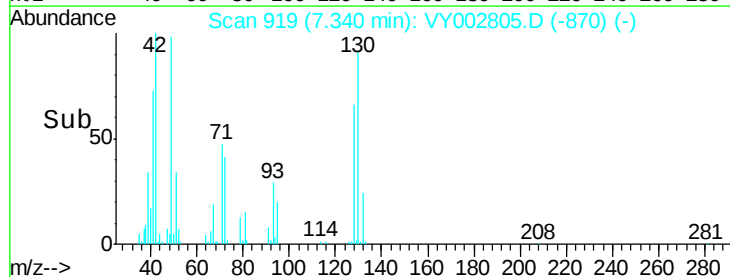
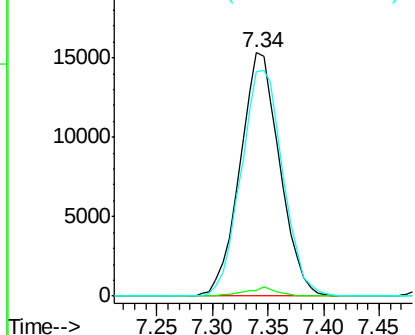
#28

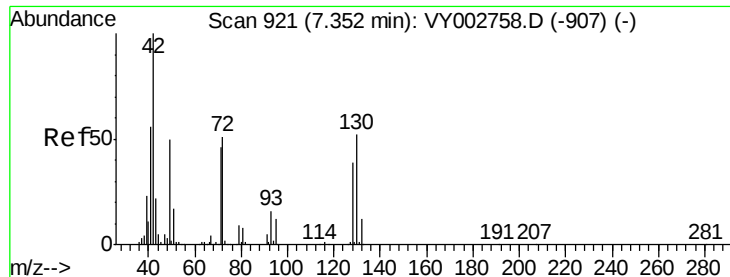
Bromochloromethane
Concen: 21.473 ug/l
RT: 7.34 min Scan# 919
Delta R.T. 0.00 min
Lab File: VY002805.D
Acq: 01 Jun 2020 13:14

Tgt Ion: 49 Resp: 38085
Ion Ratio Lower Upper
49 100
129 2.7 0.0 5.2
130 97.7 77.1 115.7



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

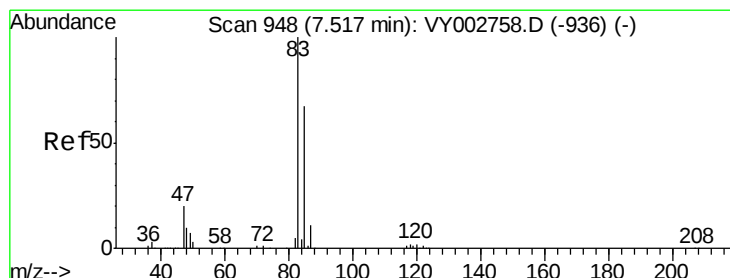
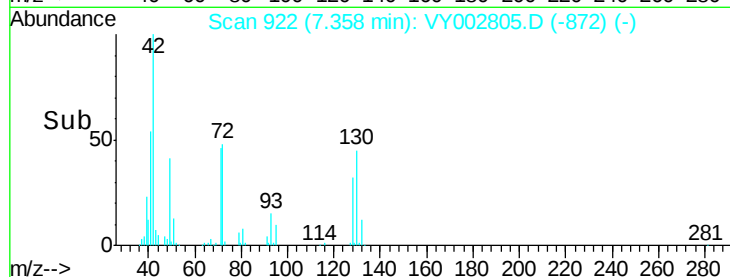
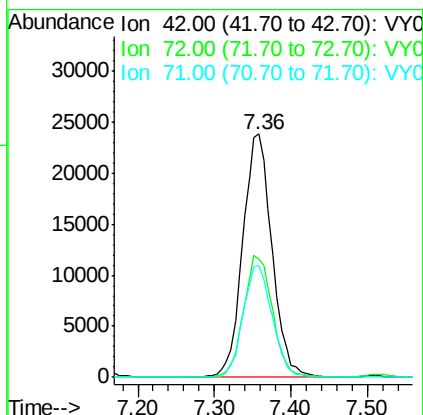
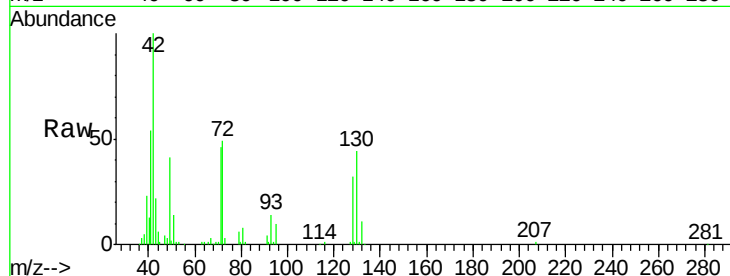




#29
Tetrahydrofuran
Concen: 105.453 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.01 min
Lab File: VY002805.D
Acq: 01 Jun 2020 13:14

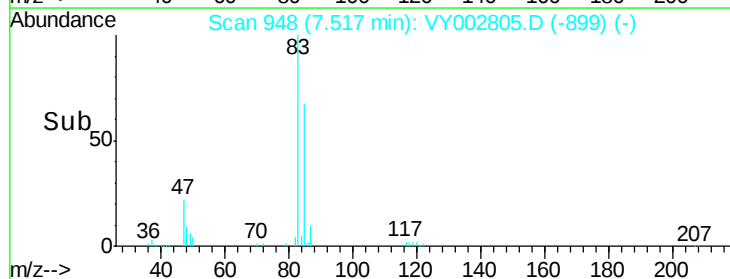
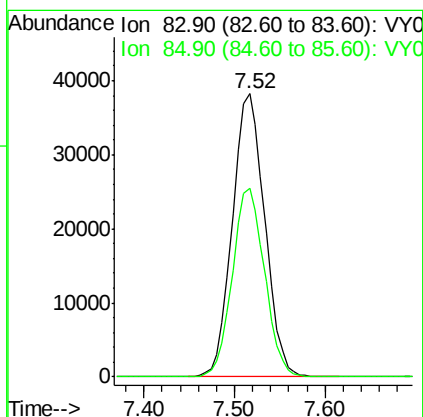
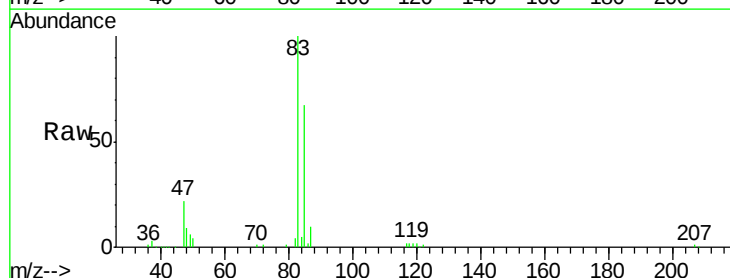
Instrument :
MSVOA_Y
ClientSampleId :
VY0601SBSD01

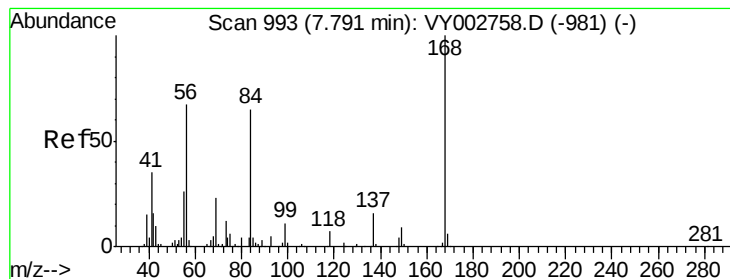
Tot Ion: 42 Resp: 63382
Ion Ratio Lower Upper
42 100
72 49.5 38.6 58.0
71 45.7 35.8 53.8



#30
Chloroform
Concen: 20.644 ug/l
RT: 7.52 min Scan# 948
Delta R.T. 0.00 min
Lab File: VY002805.D
Acq: 01 Jun 2020 13:14

Tgt Ion: 83 Resp: 94647
Ion Ratio Lower Upper
83 100
85 66.6 53.8 80.8





#31

Cyclohexane

Concen: 20.181 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY002805.D

Acq: 01 Jun 2020 13:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0601SBSD01

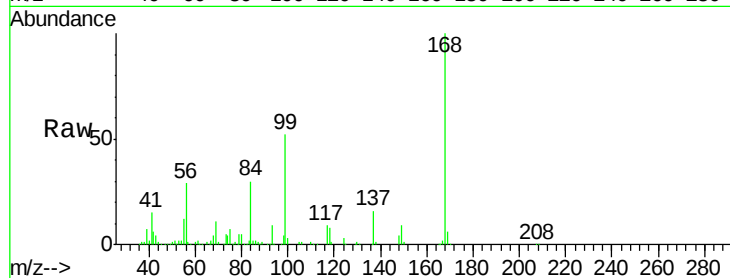
Tot Ion: 56 Resp: 86569

Ion Ratio Lower Upper

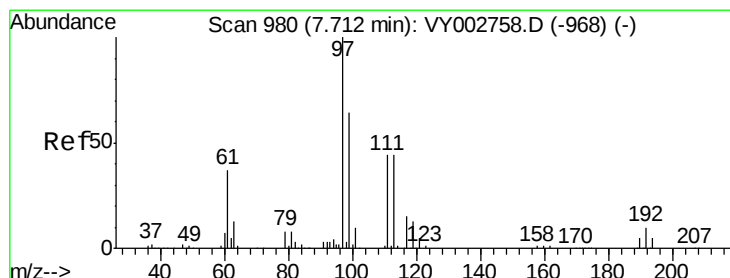
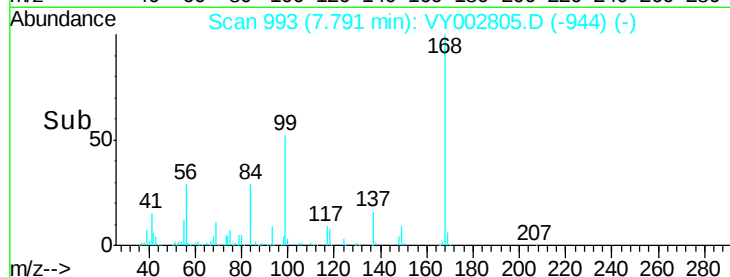
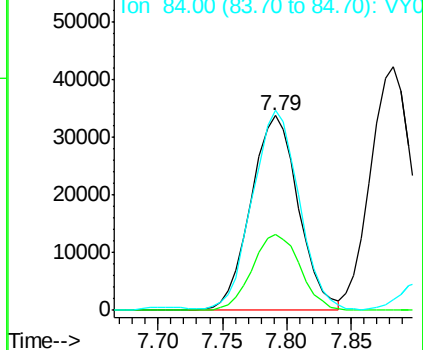
56 100

69 39.3 28.0 42.0

84 101.8 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: 20.684 ug/l

RT: 7.71 min Scan# 980

Delta R.T. 0.00 min

Lab File: VY002805.D

Acq: 01 Jun 2020 13:14

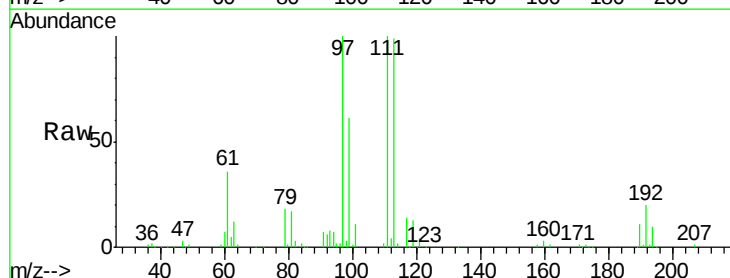
Tgt Ion: 97 Resp: 88367

Ion Ratio Lower Upper

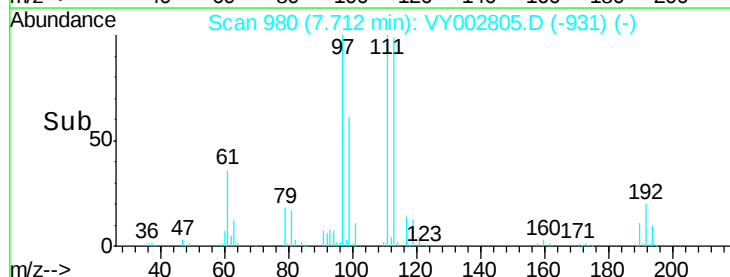
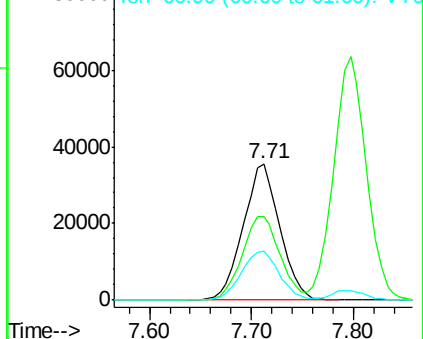
97 100

99 64.2 51.4 77.0

61 37.5 30.1 45.1



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

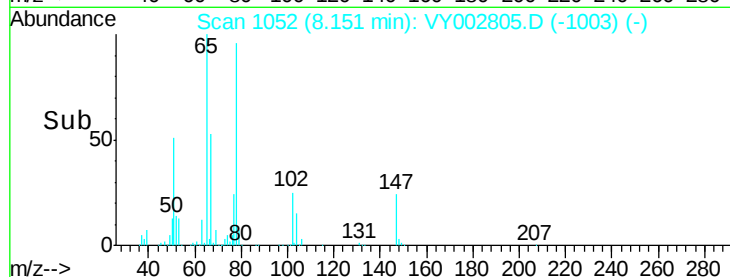
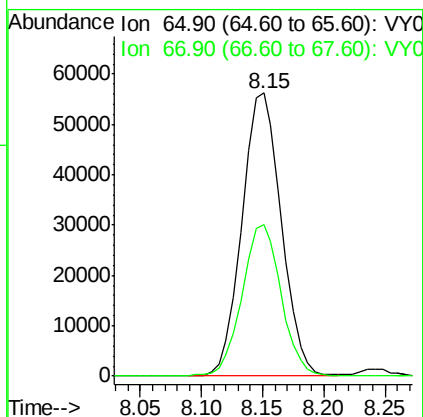
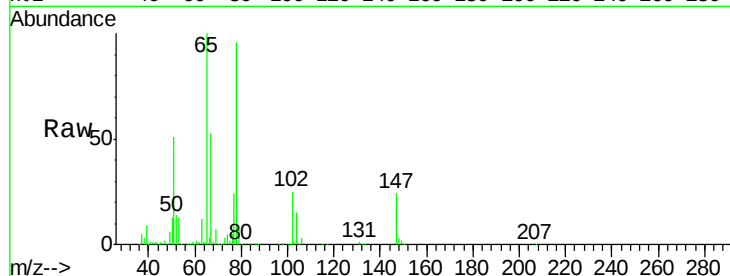




#33
 1,2-Dichloroethane-d4
 Concen: 49.628 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY002805.D
 Acq: 01 Jun 2020 13:14

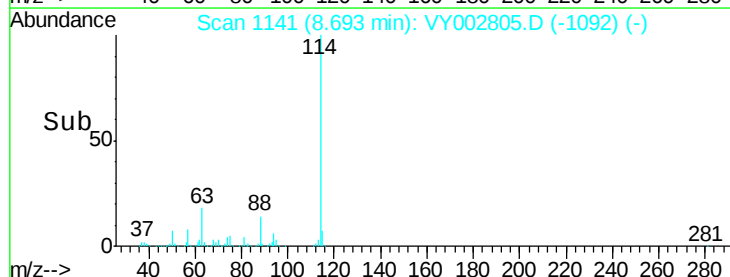
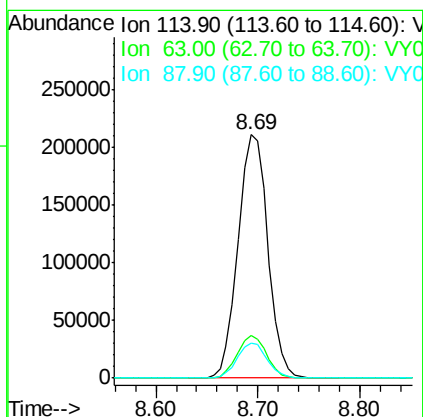
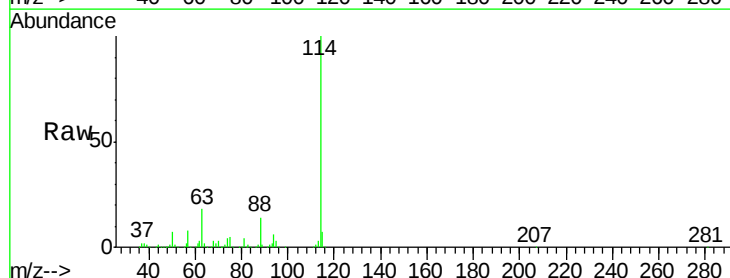
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0601SBSD01

Tot Ion: 65 Resp: 125524
 Ion Ratio Lower Upper
 65 100
 67 53.3 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: VY002805.D
 Acq: 01 Jun 2020 13:14

Tgt Ion: 114 Resp: 426242
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 35.2
 88 14.4 0.0 29.2

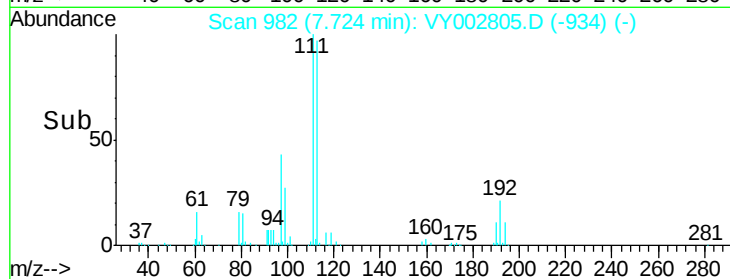
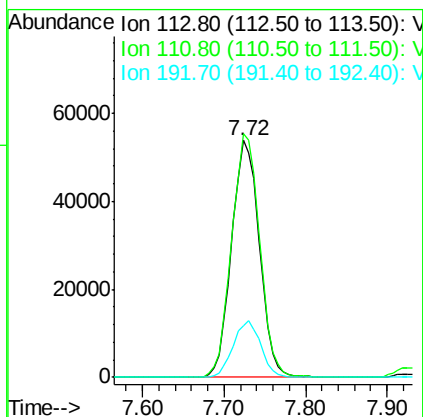
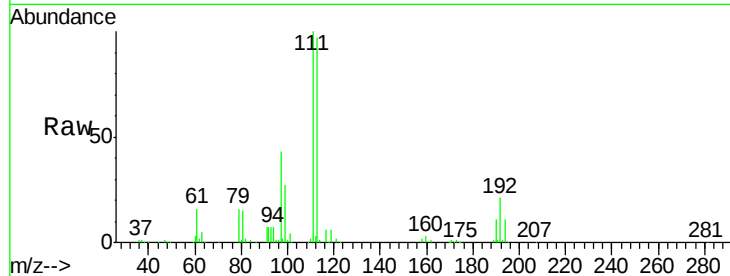




#35
 Dibromofluoromethane
 Concen: 50.701 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002805.D
 Acq: 01 Jun 2020 13:14

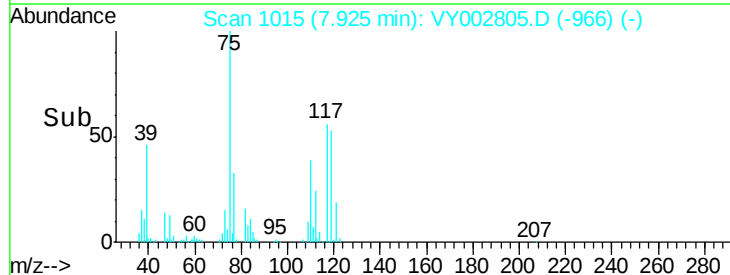
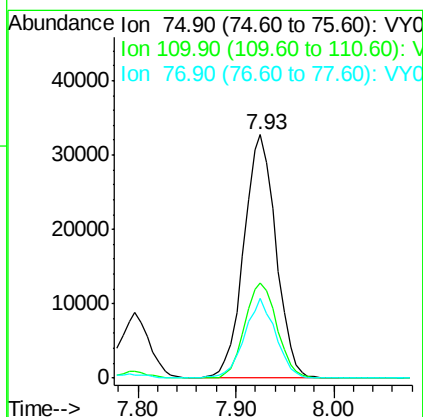
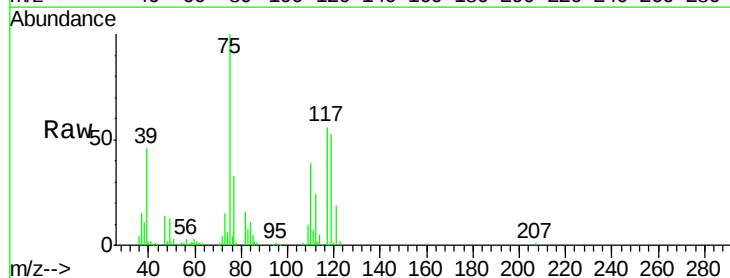
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0601SBSD01

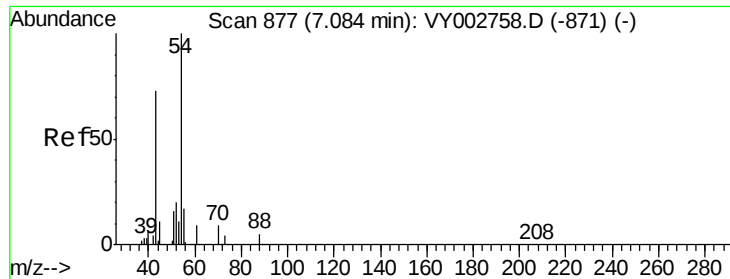
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.0	123.0
192	23.8	18.9	28.3



#36
 1,1-Dichloropropene
 Concen: 20.734 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: VY002805.D
 Acq: 01 Jun 2020 13:14

Tgt Ion	Ratio	Lower	Upper
75	100		
110	39.5	19.3	57.9
77	31.7	24.8	37.2

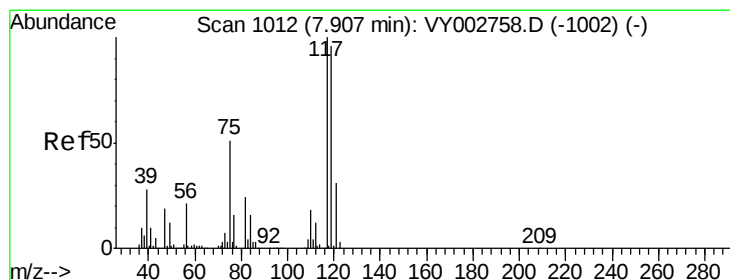
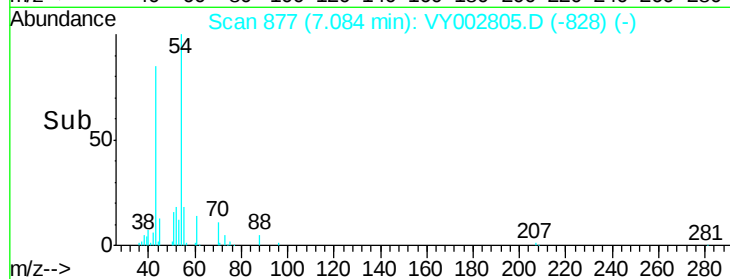
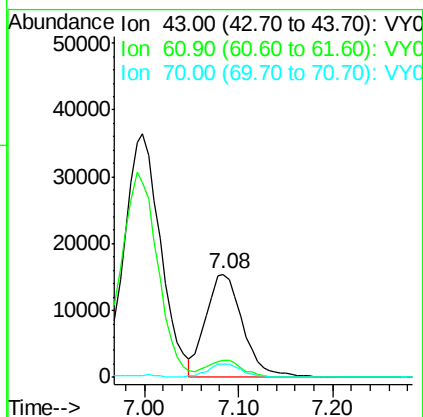
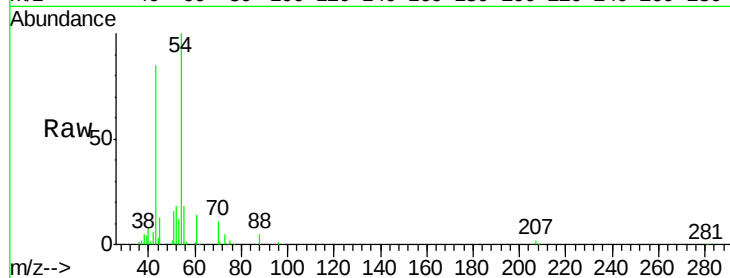




#37
Ethyl Acetate
Concen: 21.439 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.00 min
Lab File: VY002805.D
Acq: 01 Jun 2020 13:14

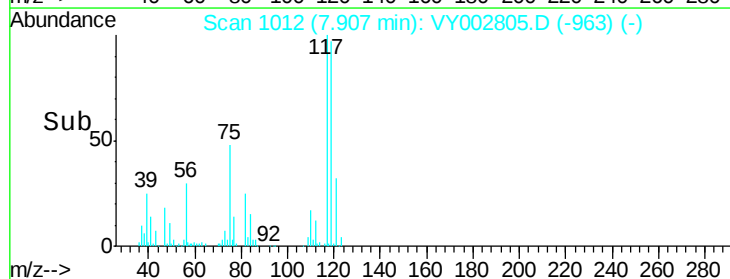
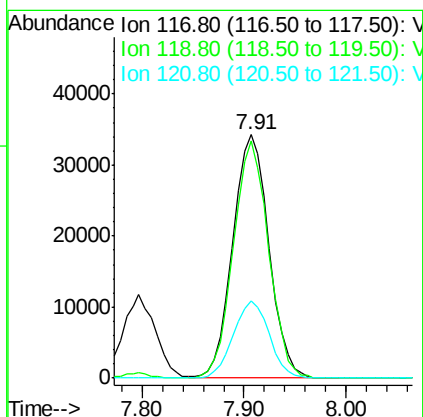
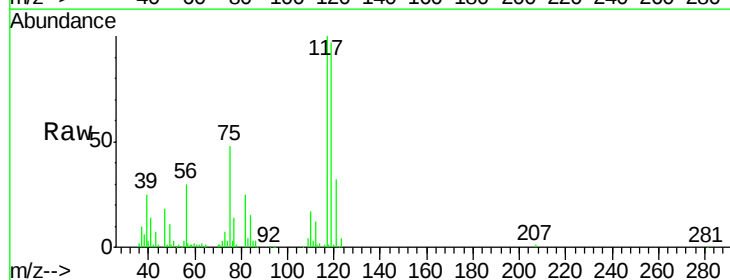
Instrument :
MSVOA_Y
ClientSampleId :
VY0601SBSD01

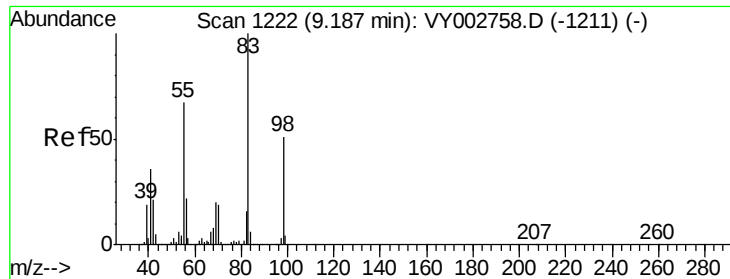
Tot Ion: 43 Resp: 41882
Ion Ratio Lower Upper
43 100
61 15.9 11.9 17.9
70 12.0 9.1 13.7



#38
Carbon Tetrachloride
Concen: 21.136 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY002805.D
Acq: 01 Jun 2020 13:14

Tgt Ion: 117 Resp: 84307
Ion Ratio Lower Upper
117 100
119 97.5 76.8 115.2
121 32.0 24.8 37.2

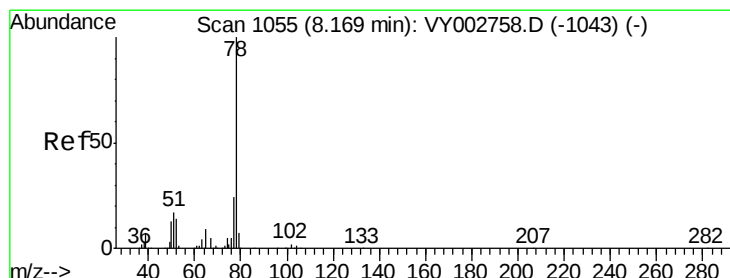
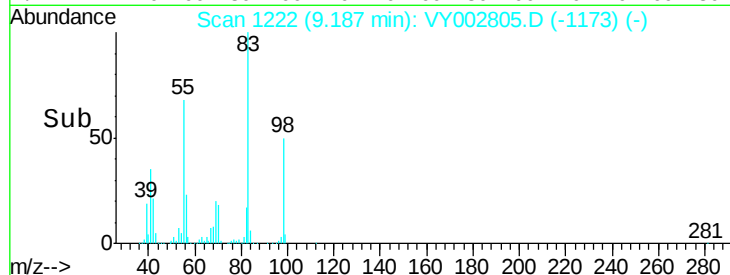
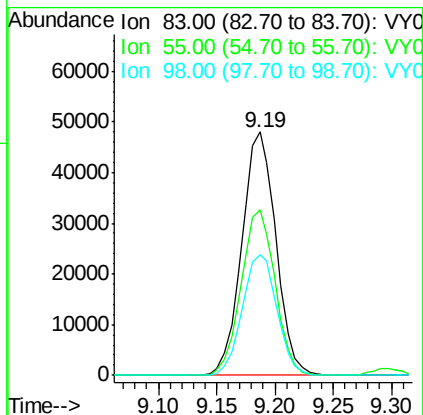
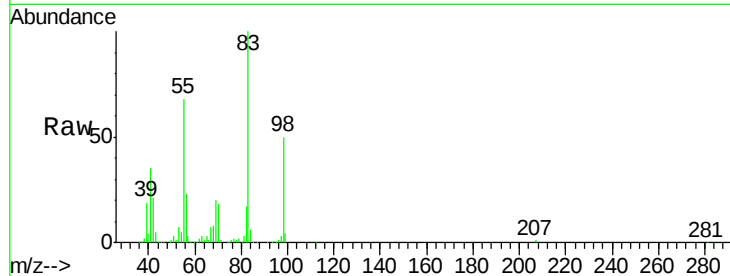




#39
Methvlcvclohexane
Concen: 20.708 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY002805.D
Acq: 01 Jun 2020 13:14

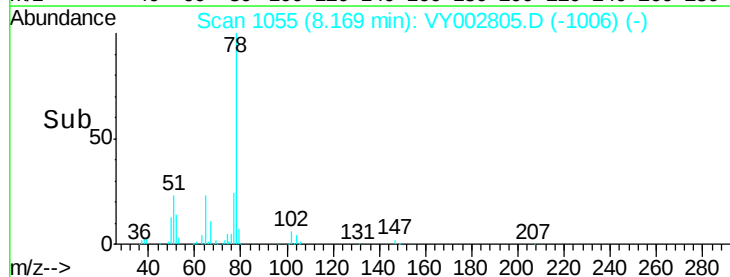
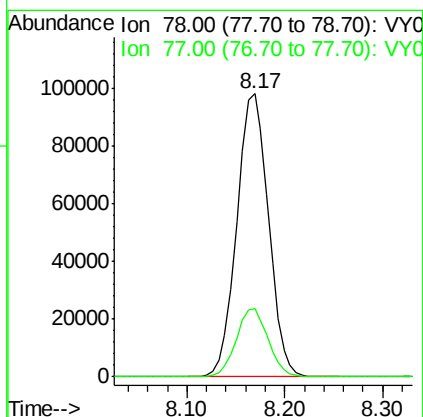
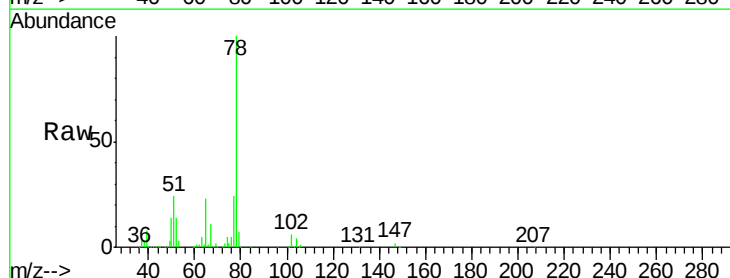
Instrument :
MSVOA_Y
ClientSampleId :
VY0601SBSD01

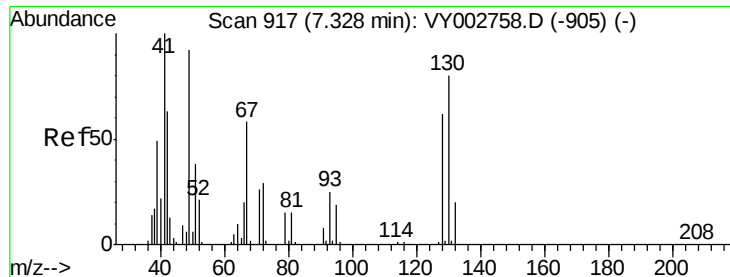
Tot Ion: 83 Resp: 98007
Ion Ratio Lower Upper
83 100
55 67.8 53.3 79.9
98 49.6 41.1 61.7



#40
Benzene
Concen: 20.886 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY002805.D
Acq: 01 Jun 2020 13:14

Tgt Ion: 78 Resp: 221590
Ion Ratio Lower Upper
78 100
77 23.9 18.8 28.2

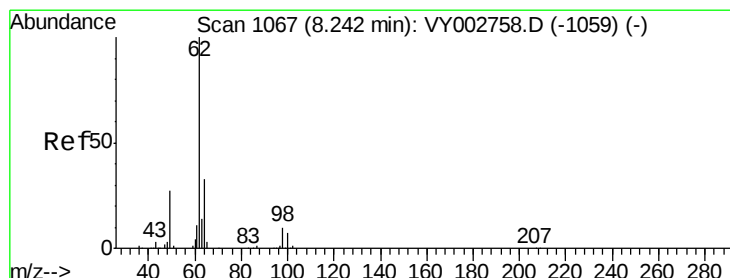
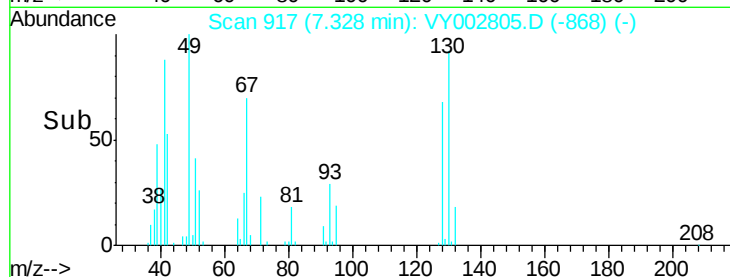
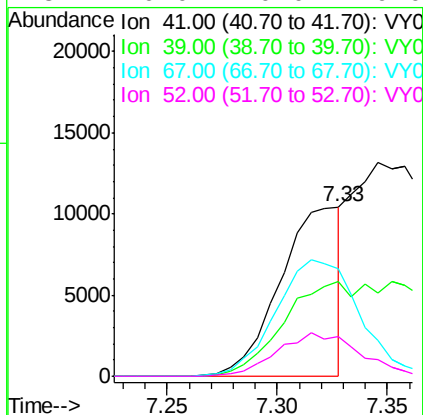
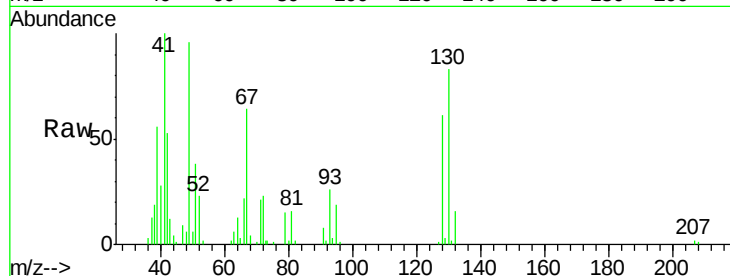




#41
Methacrylonitrile
Concen: 19.092 ug/l m
RT: 7.33 min Scan# 917
Delta R.T. 0.00 min
Lab File: VY002805.D
Acq: 01 Jun 2020 13:14

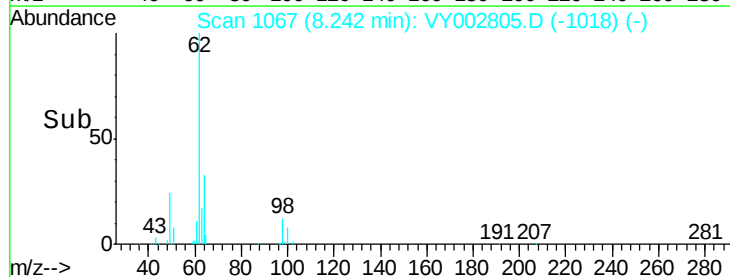
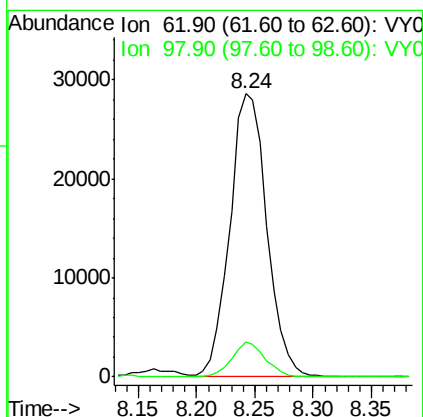
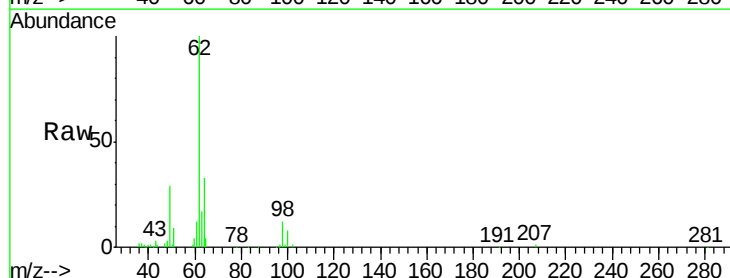
Instrument :
MSVOA_Y
ClientSampleId :
VY0601SBSD01

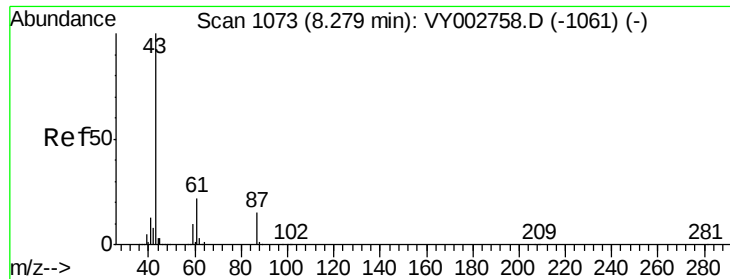
Tot Ion:	41	Resp:	20037
Ion	Ratio	Lower	Upper
41	100		
39	0.0	97.6	146.4#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 21.274 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY002805.D
Acq: 01 Jun 2020 13:14

Tgt Ion:	62	Resp:	63254
Ion	Ratio	Lower	Upper
62	100		
98	11.1	0.0	22.6



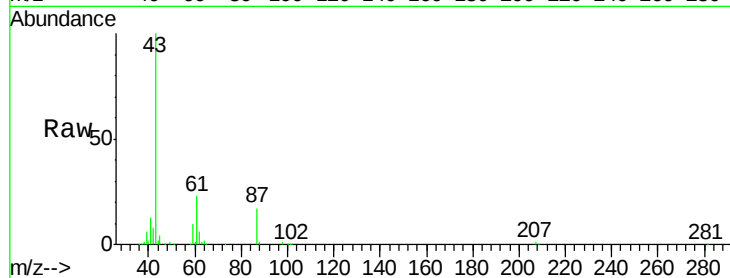


#43

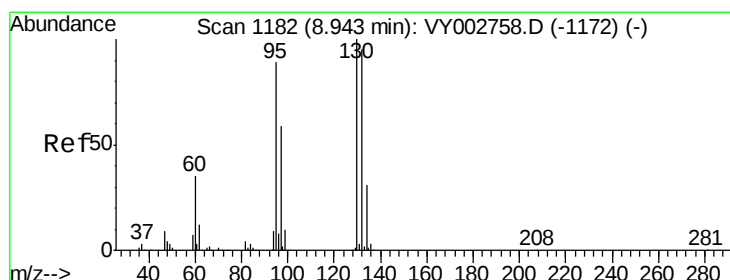
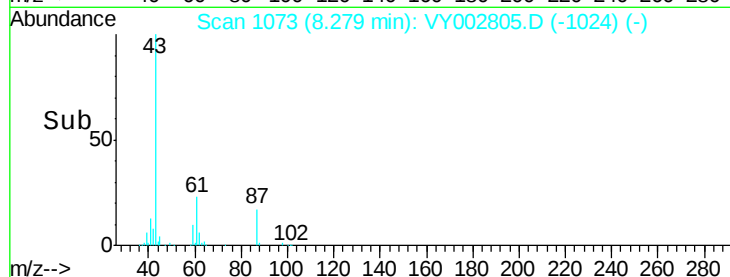
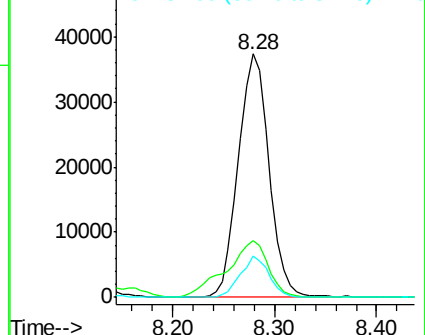
Isopropyl Acetate
 Concen: 21.149 ug/l
 RT: 8.28 min Scan# 1073
 Delta R.T. 0.00 min
 Lab File: VY002805.D
 Acq: 01 Jun 2020 13:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0601SBSD01

Tot Ion	43	Resp	78293
Ion Ratio	Lower	Upper	
43	100		
61	31.4	24.8	37.2
87	15.8	12.4	18.6



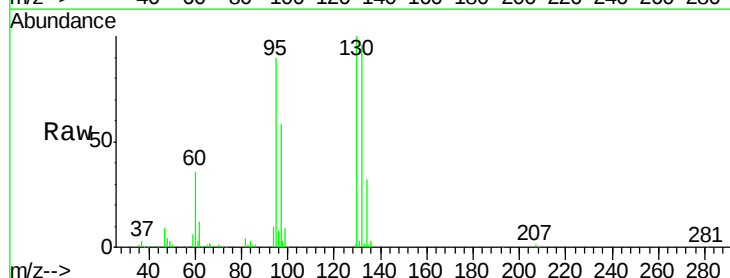
Abundance Ion 43.00 (42.70 to 43.70): VY0
 Ion 61.00 (60.70 to 61.70): VY0
 Ion 87.00 (86.70 to 87.70): VY0



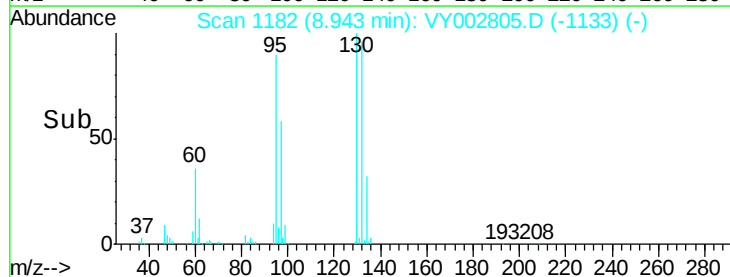
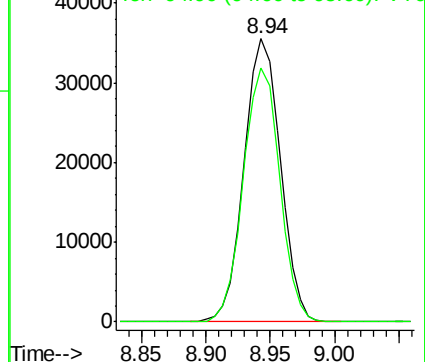
#44

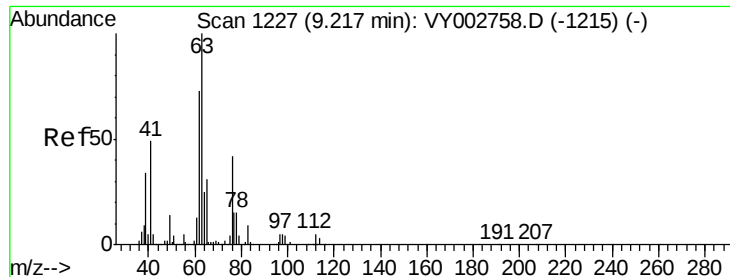
Trichloroethene
 Concen: 20.768 ug/l
 RT: 8.94 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VY002805.D
 Acq: 01 Jun 2020 13:14

Tgt Ion	130	Resp	69599
Ion Ratio	Lower	Upper	
130	100		
95	89.7	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: 20.902 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. 0.00 min

Lab File: VY002805.D

Acq: 01 Jun 2020 13:14

Instrument :

MSVOA_Y

ClientSampleId :

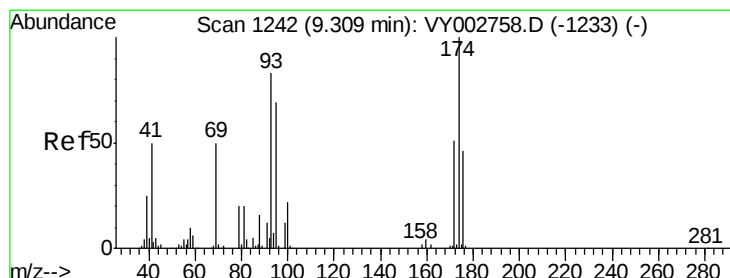
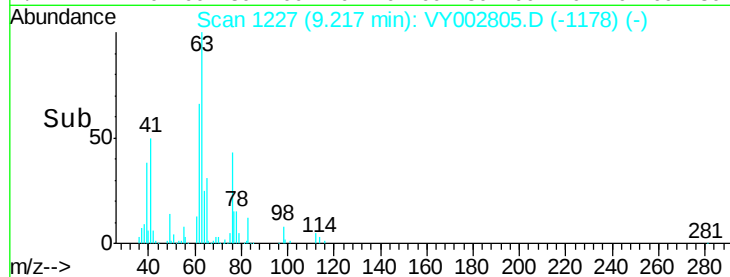
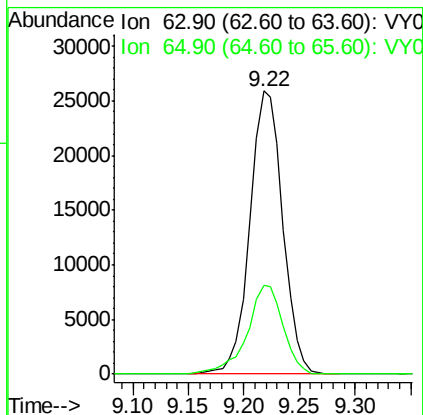
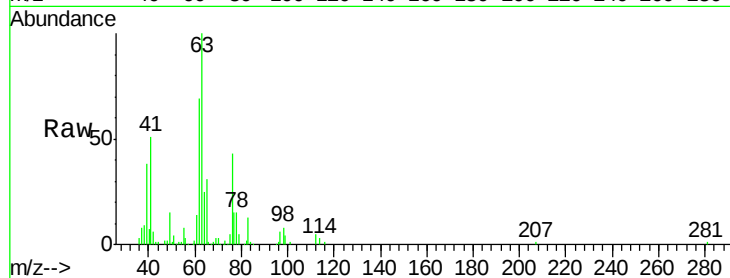
VY0601SBSD01

Tot Ion: 63 Resp: 53180

Ion Ratio Lower Upper

63 100

65 31.2 24.8 37.2



#46

Dibromomethane

Concen: 20.880 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VY002805.D

Acq: 01 Jun 2020 13:14

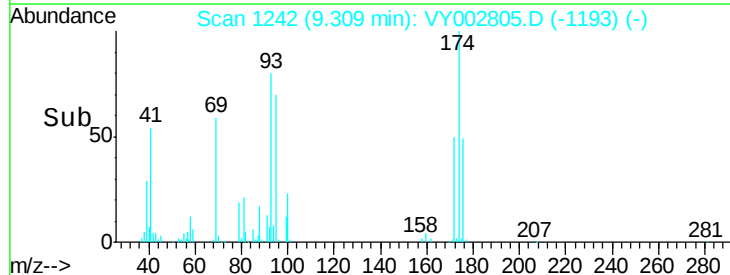
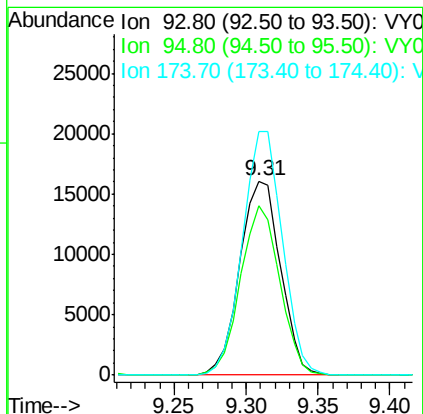
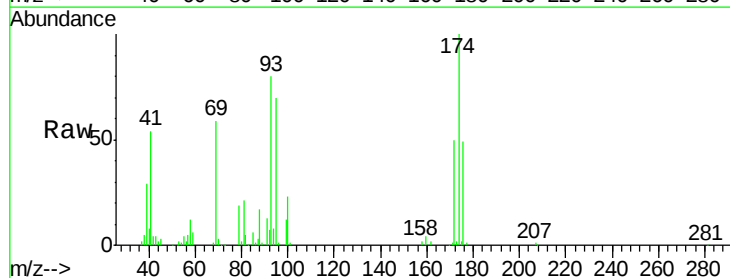
Tgt Ion: 93 Resp: 31549

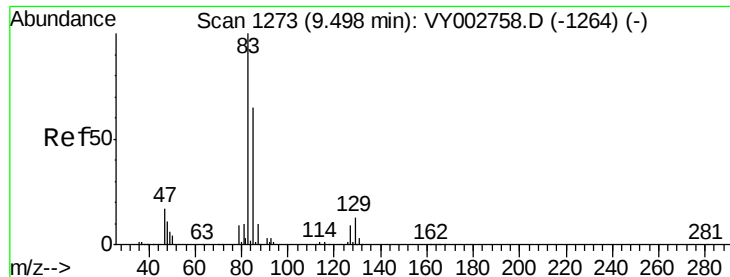
Ion Ratio Lower Upper

93 100

95 84.0 66.9 100.3

174 123.0 97.7 146.5





#47

Bromodichloromethane

Concen: 20.952 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. 0.01 min

Lab File: VY002805.D

Acq: 01 Jun 2020 13:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0601SBSD01

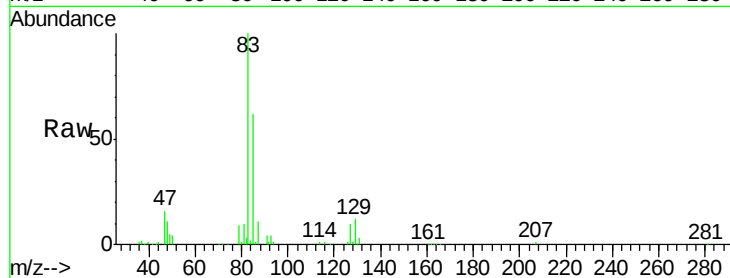
Tot Ion: 83 Resp: 74635

Ion Ratio Lower Upper

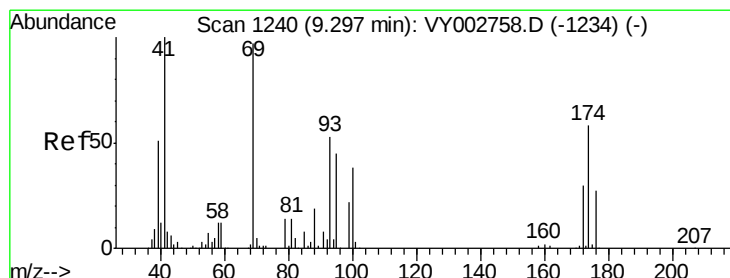
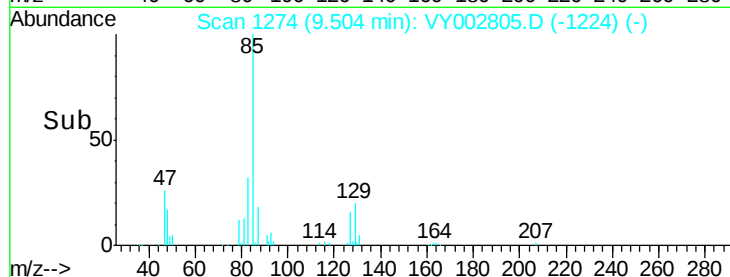
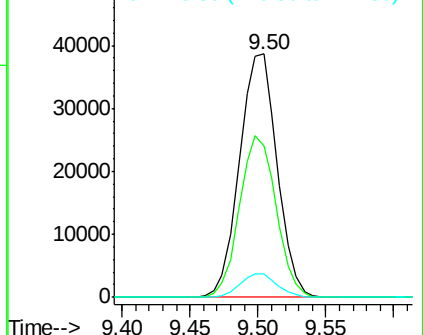
83 100

85 62.3 51.9 77.9

127 9.8 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): V



#48

Methyl methacrylate

Concen: 21.529 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VY002805.D

Acq: 01 Jun 2020 13:14

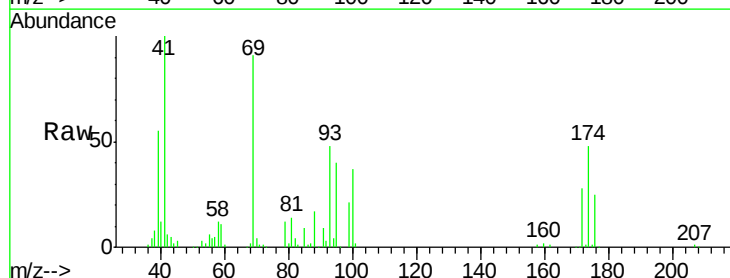
Tgt Ion: 41 Resp: 35979

Ion Ratio Lower Upper

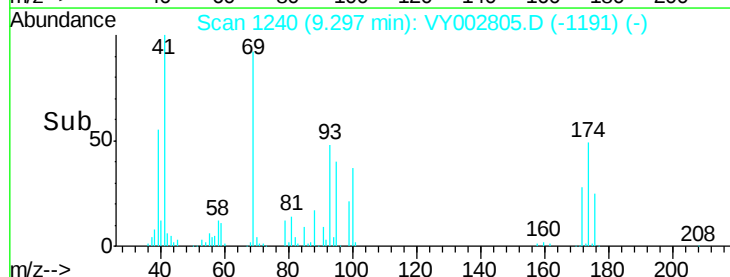
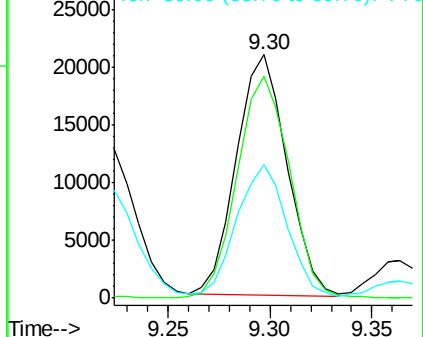
41 100

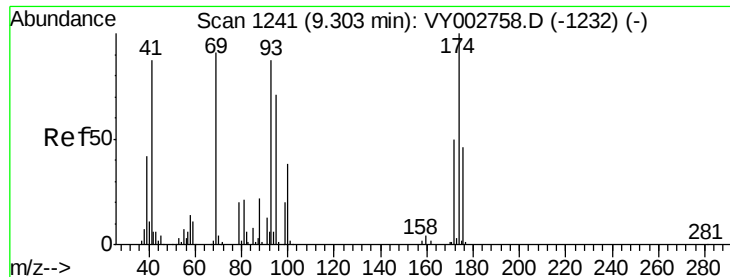
69 95.7 79.7 119.5

39 53.6 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

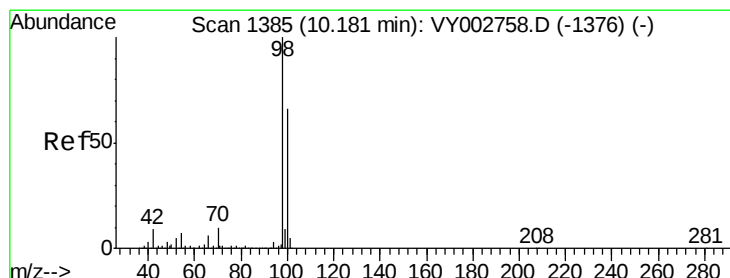
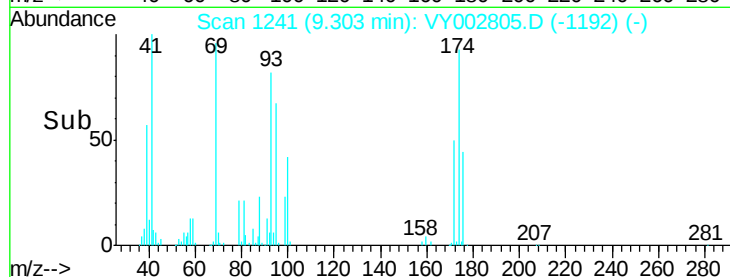
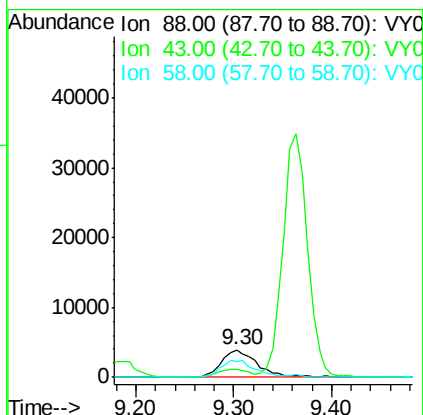
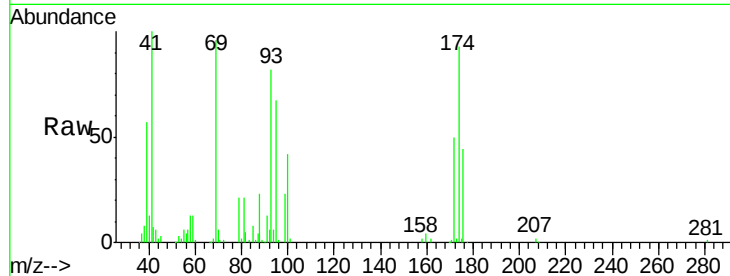




#49
1,4-Dioxane
Concen: 432.960 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VY002805.D
Acq: 01 Jun 2020 13:14

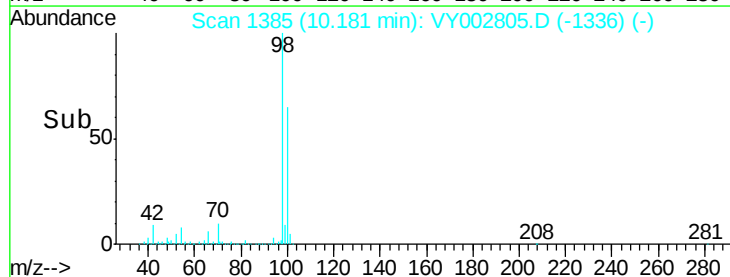
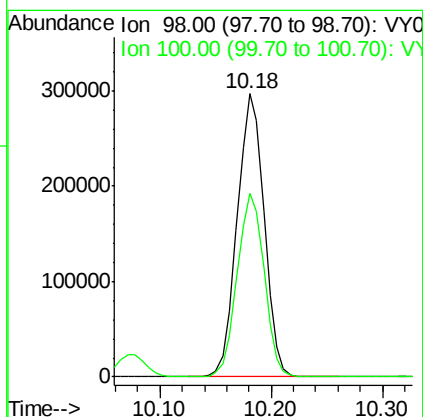
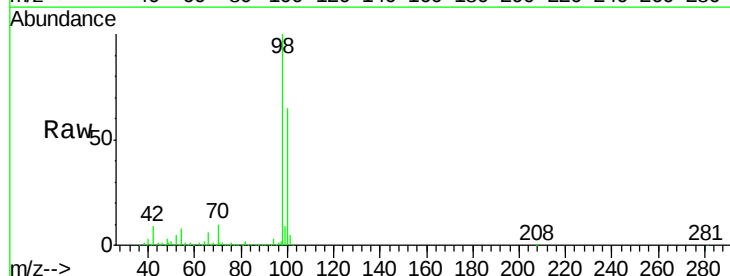
Instrument :
MSVOA_Y
ClientSampleId :
VY0601SBSD01

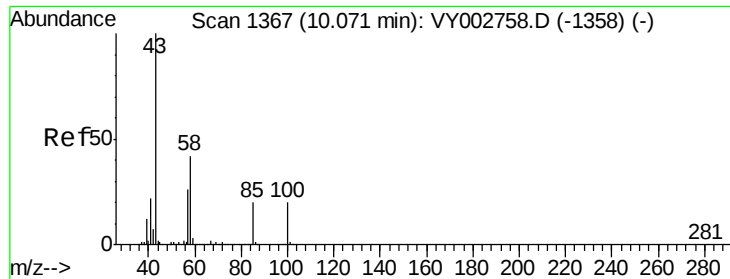
Tot Ion: 88 Resp: 10045
Ion Ratio Lower Upper
88 100
43 24.4 21.3 31.9
58 59.1 52.2 78.2



#50
Toluene-d8
Concen: 49.353 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY002805.D
Acq: 01 Jun 2020 13:14

Tgt Ion: 98 Resp: 498470
Ion Ratio Lower Upper
98 100
100 64.9 52.2 78.2

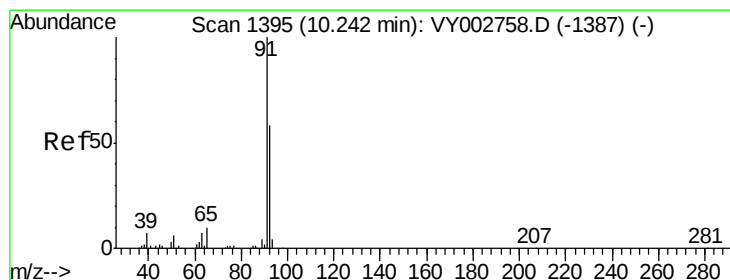
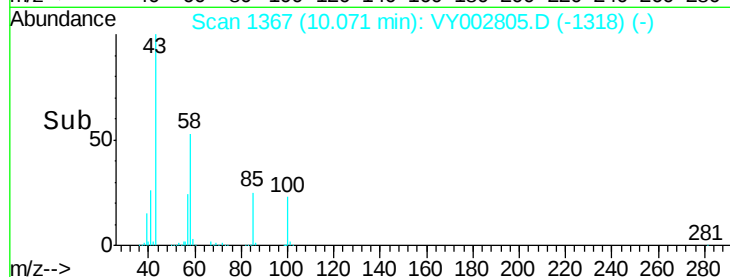
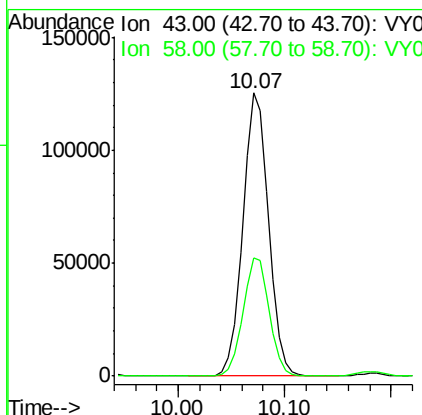
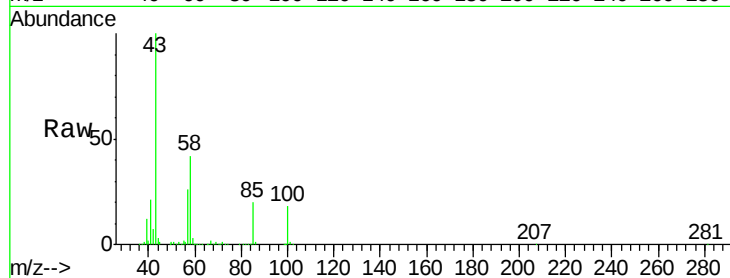




#51
 4-Methyl-2-Pentanone
 Concen: 108.159 ug/l
 RT: 10.07 min Scan# 1367
 Delta R.T. 0.00 min
 Lab File: VY002805.D
 Acq: 01 Jun 2020 13:14

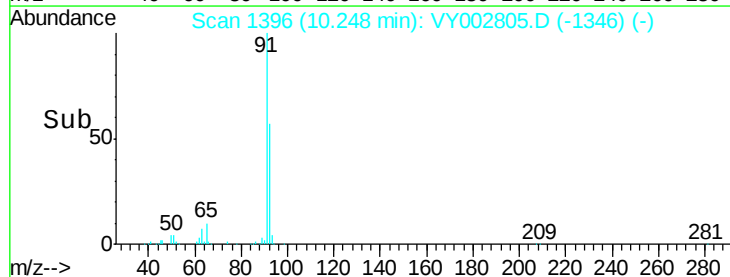
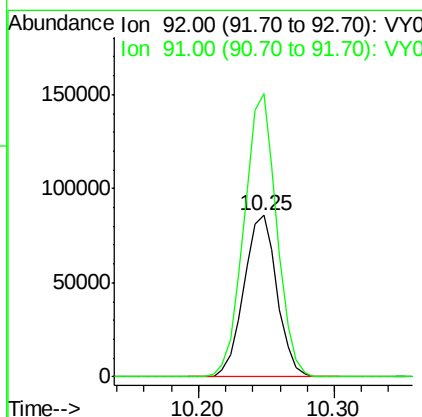
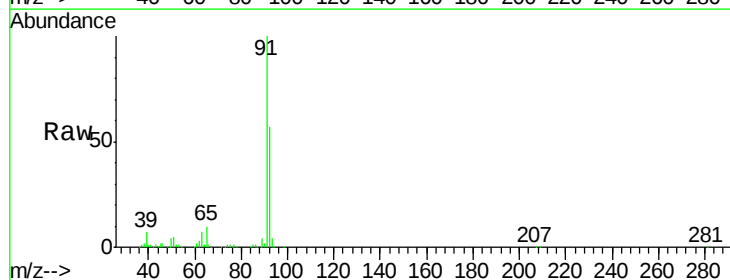
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0601SBSD01

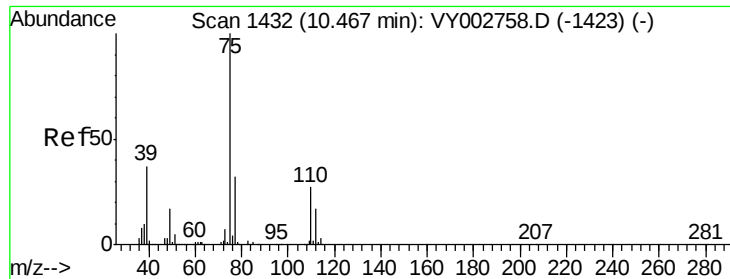
Tot Ion: 43 Resp: 212023
 Ion Ratio Lower Upper
 43 100
 58 42.7 34.2 51.2



#52
 Toluene
 Concen: 21.064 ug/l
 RT: 10.25 min Scan# 1396
 Delta R.T. 0.01 min
 Lab File: VY002805.D
 Acq: 01 Jun 2020 13:14

Tgt Ion: 92 Resp: 146191
 Ion Ratio Lower Upper
 92 100
 91 172.3 138.5 207.7





#53

t-1,3-Dichloropropene

Concen: 21.081 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY002805.D

Acq: 01 Jun 2020 13:14

Instrument :

MSVOA_Y

ClientSampleId :

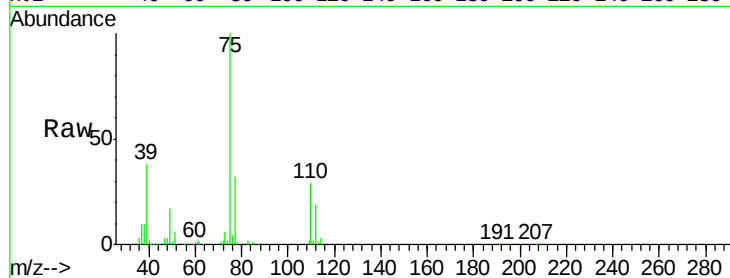
VY0601SBSD01

Tot Ion: 75 Resp: 82021

Ion Ratio Lower Upper

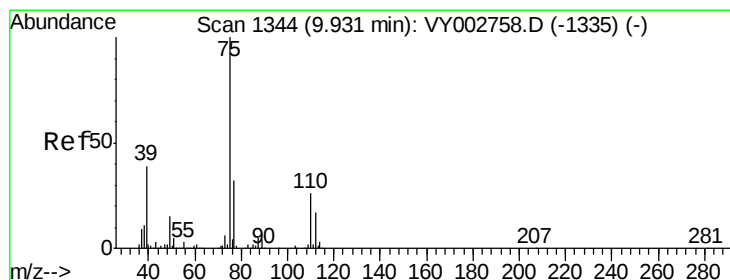
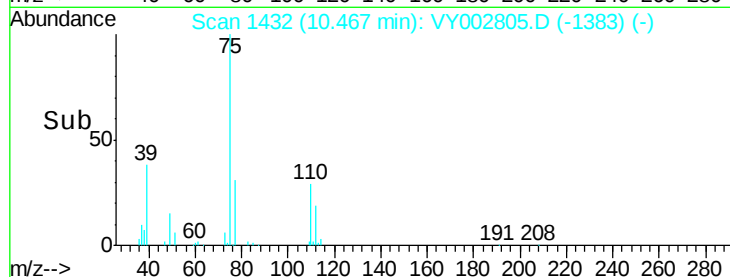
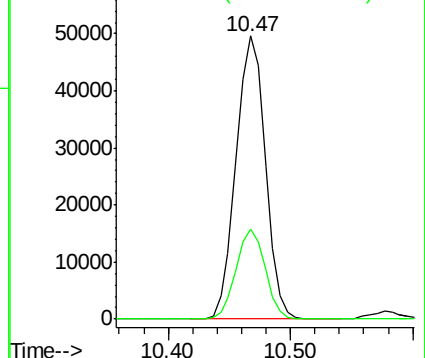
75 100

77 31.7 25.3 37.9



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 21.231 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY002805.D

Acq: 01 Jun 2020 13:14

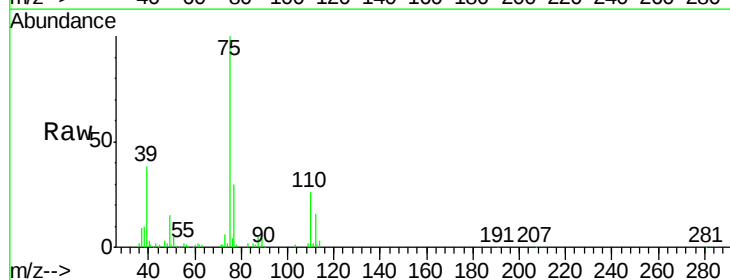
Tgt Ion: 75 Resp: 93601

Ion Ratio Lower Upper

75 100

77 29.9 25.6 38.4

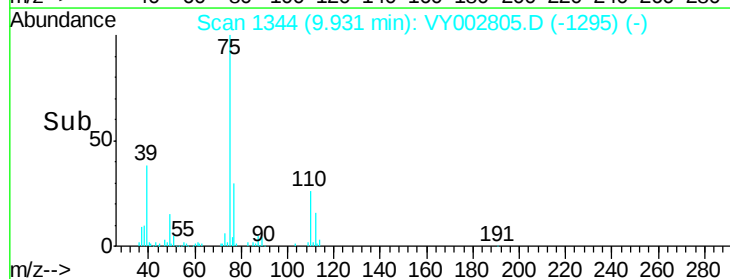
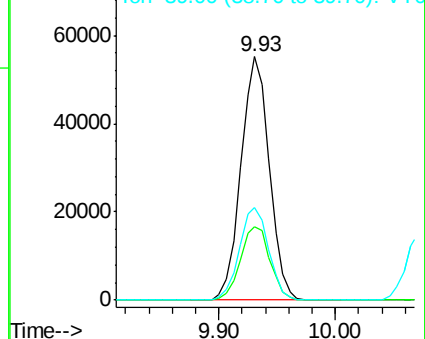
39 38.0 31.3 46.9

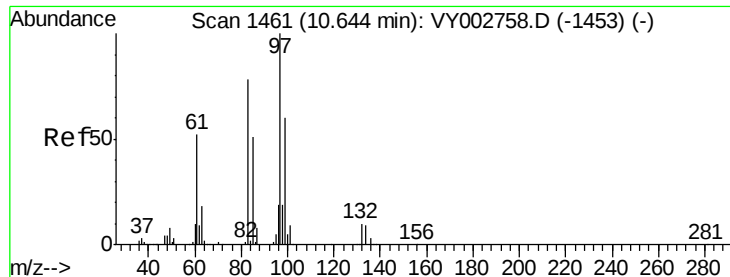


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

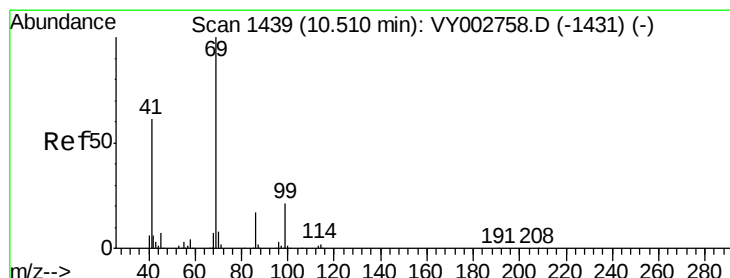
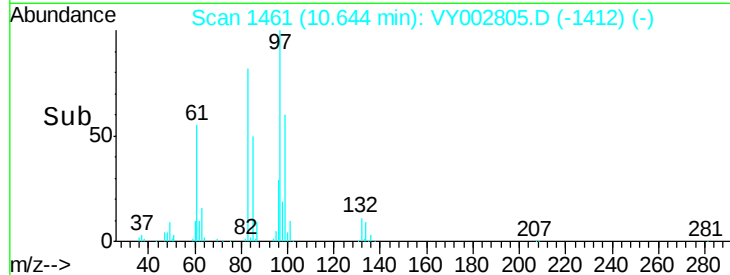
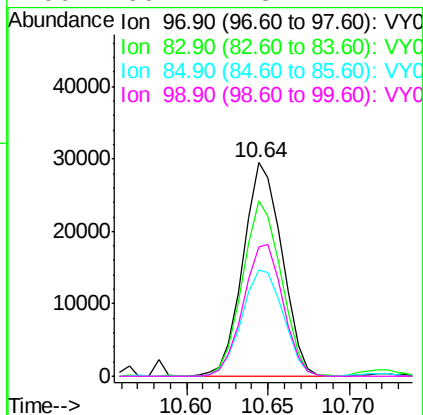
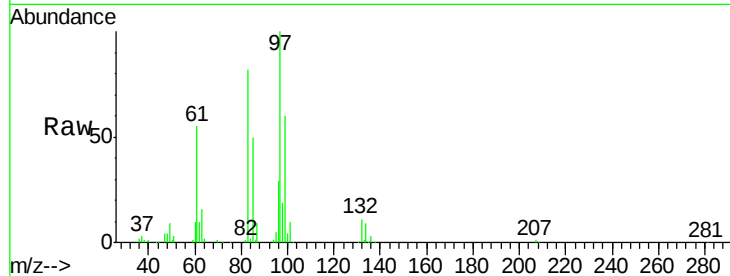




#55
 1,1,2-Trichloroethane
 Concen: 21.218 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY002805.D
 Acq: 01 Jun 2020 13:14

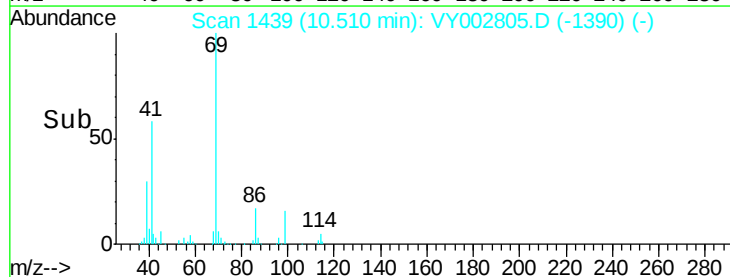
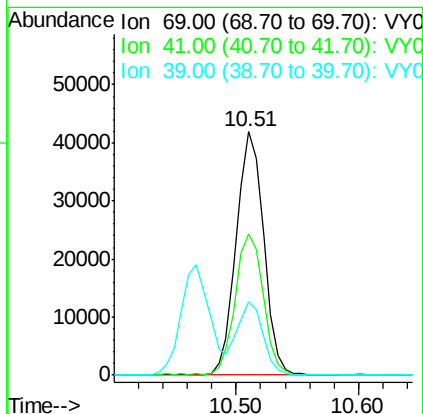
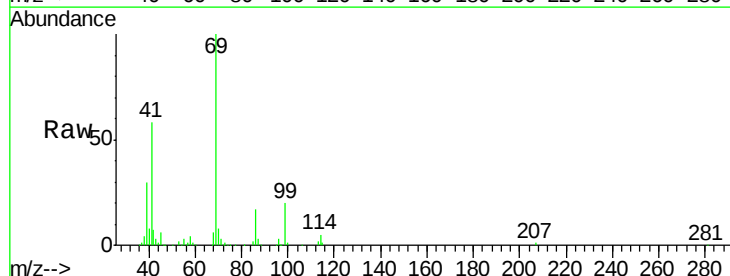
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0601SBSD01

Tot Ion:	97	Resp:	49082
Ion	Ratio	Lower	Upper
97	100		
83	82.0	62.7	94.1
85	49.7	40.6	60.8
99	60.4	48.2	72.4



#56
 Ethyl methacrylate
 Concen: 21.006 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY002805.D
 Acq: 01 Jun 2020 13:14

Tgt Ion:	69	Resp:	65085
Ion	Ratio	Lower	Upper
69	100		
41	59.1	47.0	70.4
39	27.7	22.0	33.0





#57

1,3-Dichloropropane

Concen: 21.139 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY002805.D

Acq: 01 Jun 2020 13:14

Instrument :

MSVOA_Y

ClientSampleId :

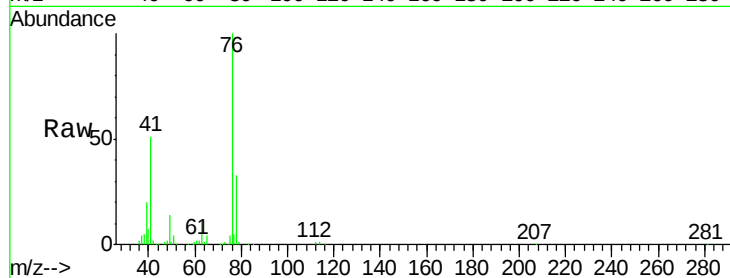
VY0601SBSD01

Tot Ion: 76 Resp: 80429

Ion Ratio Lower Upper

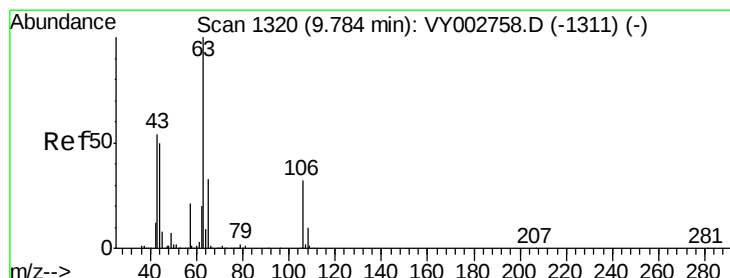
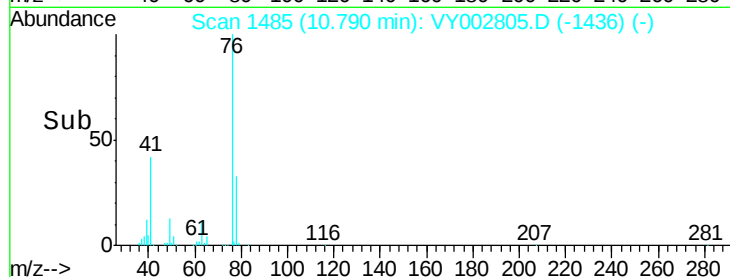
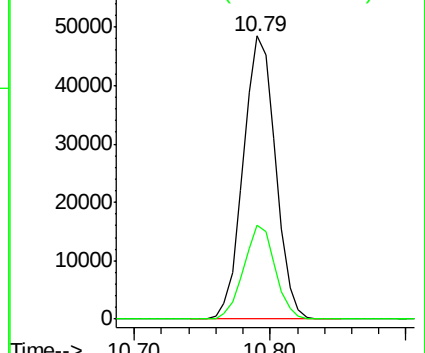
76 100

78 32.4 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: 104.535 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY002805.D

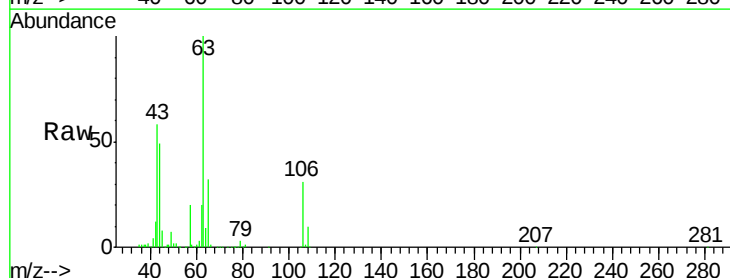
Acq: 01 Jun 2020 13:14

Tgt Ion: 63 Resp: 158263

Ion Ratio Lower Upper

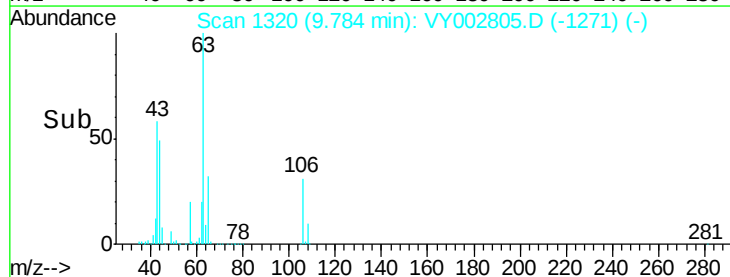
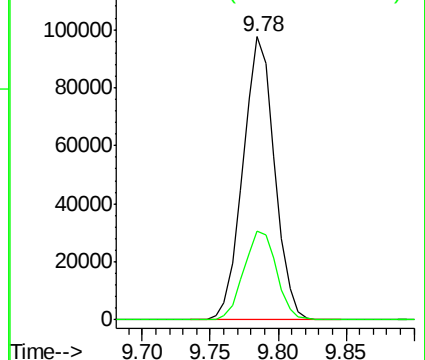
63 100

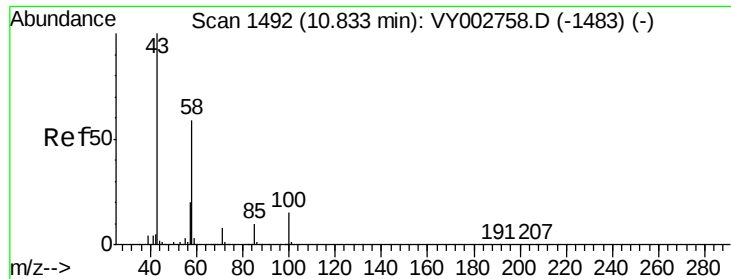
106 32.7 25.4 38.2



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

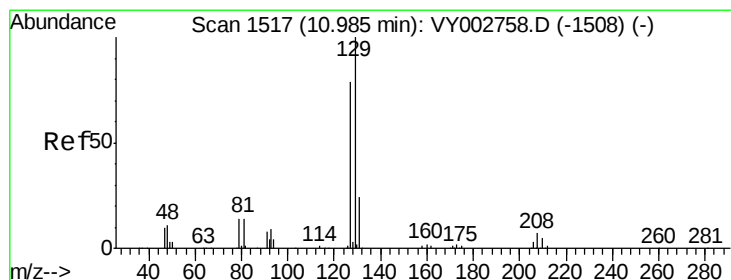
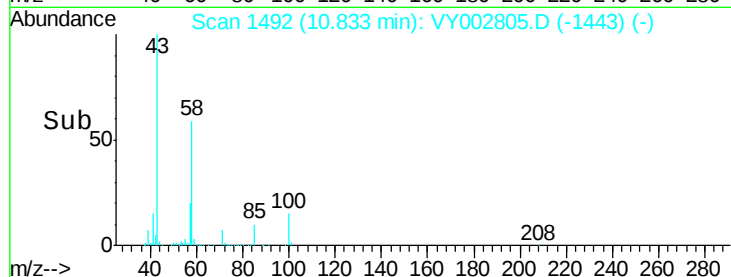
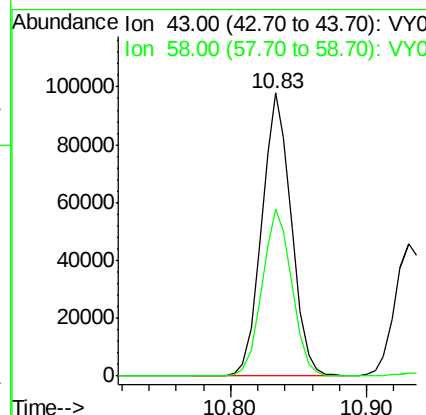
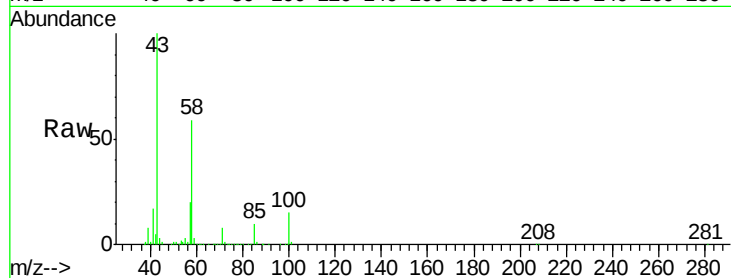




#59
2-Hexanone
Concen: 107.004 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY002805.D
Acq: 01 Jun 2020 13:14

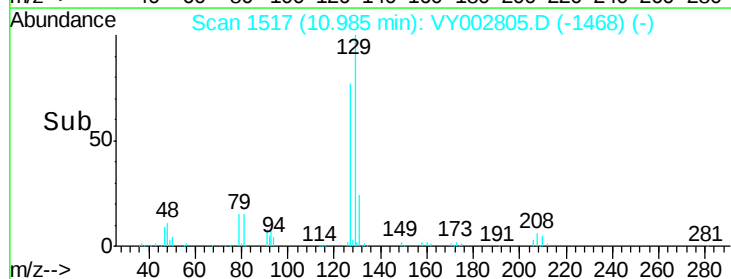
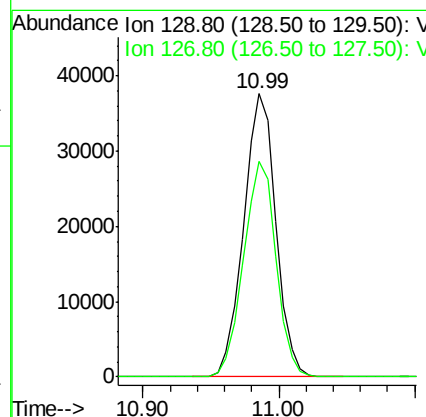
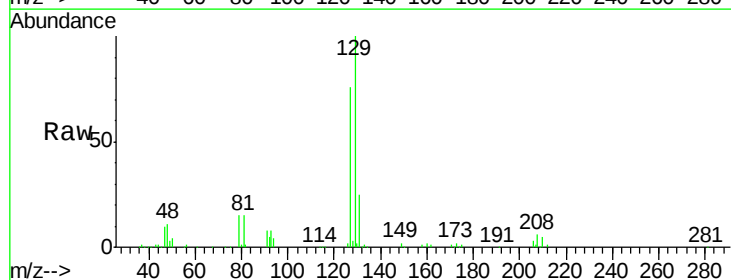
Instrument :
MSVOA_Y
ClientSampleId :
VY0601SBSD01

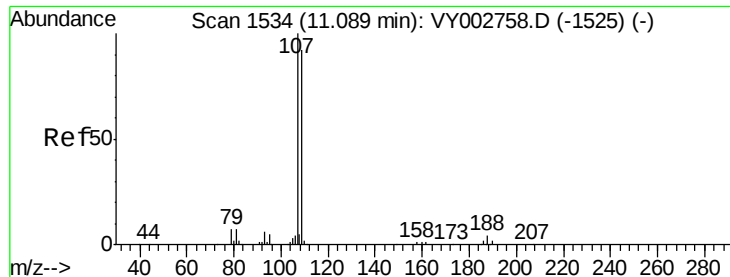
Tot Ion: 43 Resp: 148828
Ion Ratio Lower Upper
43 100
58 59.2 29.5 88.5



#60
Dibromochloromethane
Concen: 21.204 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY002805.D
Acq: 01 Jun 2020 13:14

Tgt Ion: 129 Resp: 62187
Ion Ratio Lower Upper
129 100
127 76.7 38.5 115.3

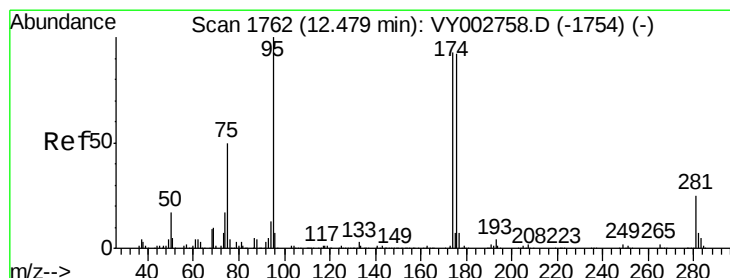
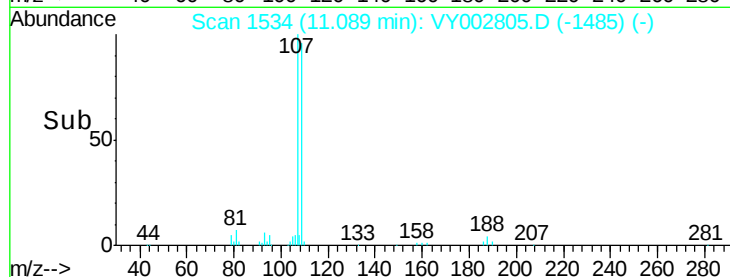
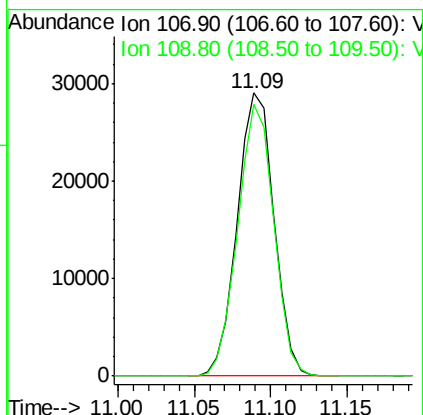
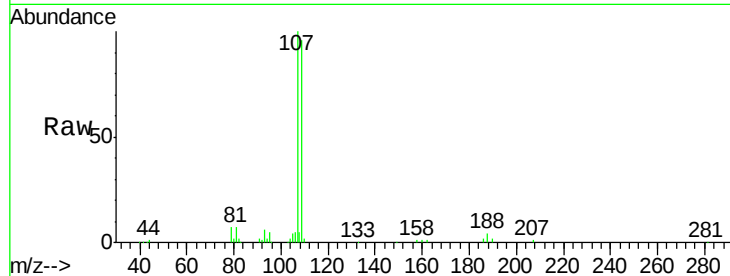




#61
 1,2-Dibromoethane
 Concen: 21.220 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY002805.D
 Acq: 01 Jun 2020 13:14

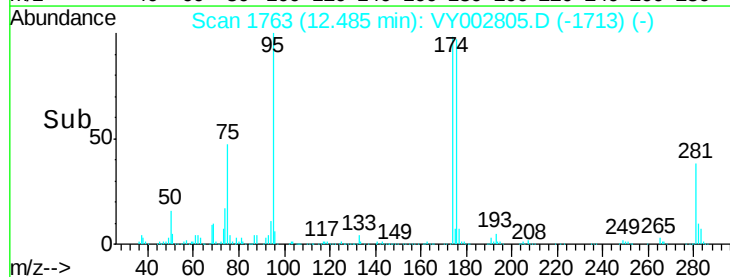
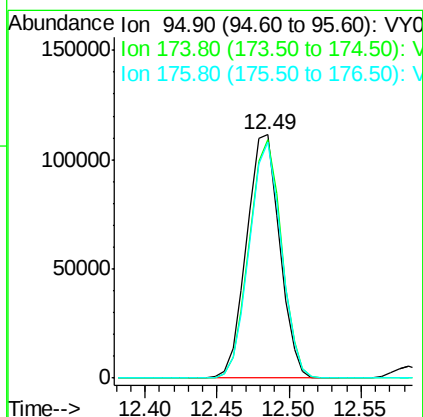
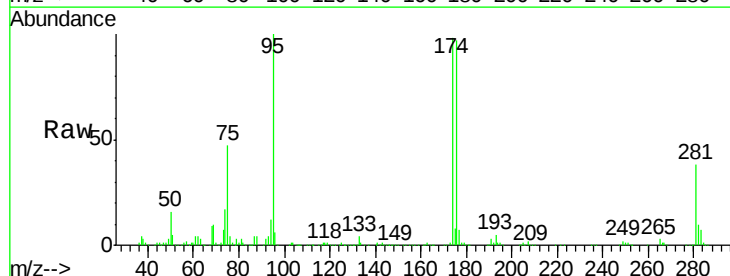
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0601SBSD01

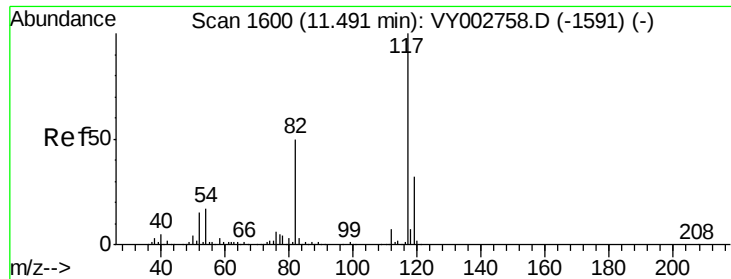
Tot Ion:107 Resp: 48422
 Ion Ratio Lower Upper
 107 100
 109 94.6 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 51.172 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. 0.01 min
 Lab File: VY002805.D
 Acq: 01 Jun 2020 13:14

Tgt Ion: 95 Resp: 176629
 Ion Ratio Lower Upper
 95 100
 174 95.6 0.0 191.2
 176 93.9 0.0 188.8

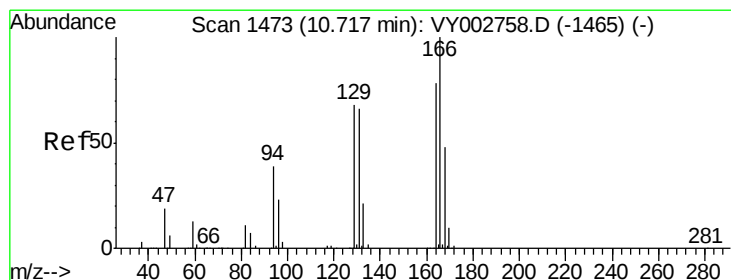
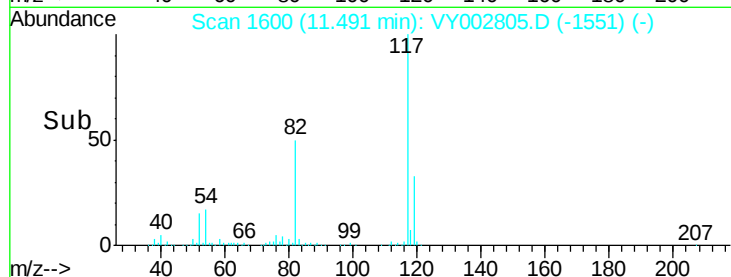
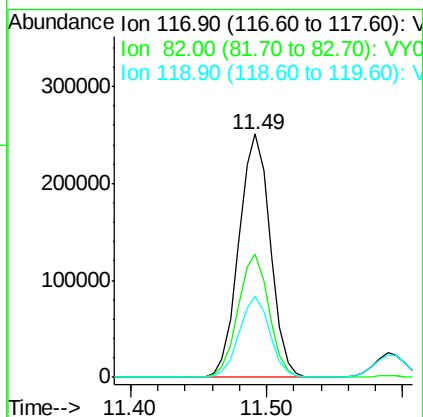
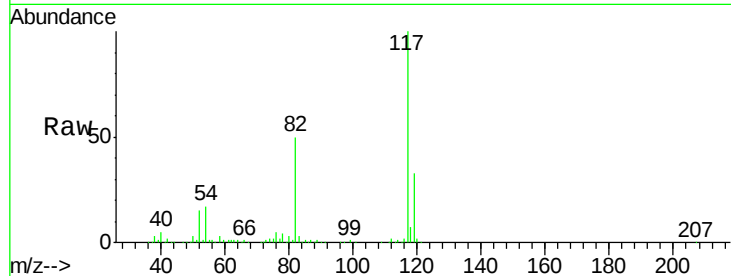




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002805.D
Acq: 01 Jun 2020 13:14

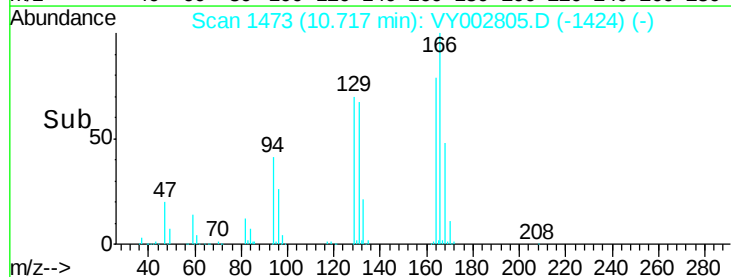
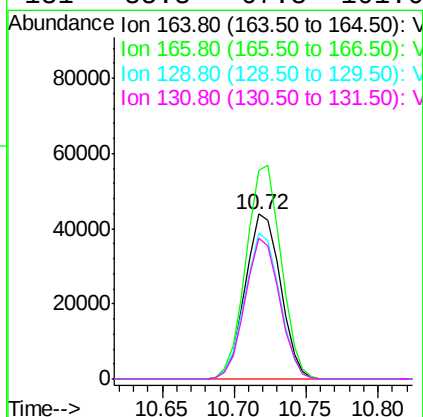
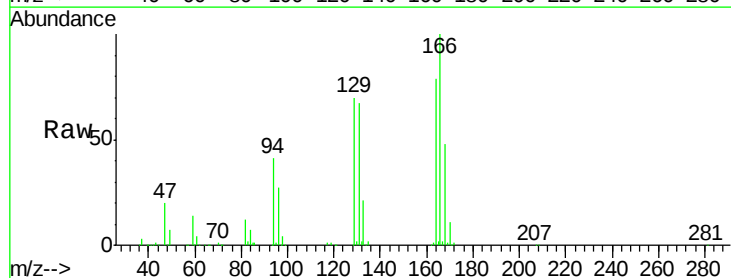
Instrument :
MSVOA_Y
ClientSampleId :
VY0601SBSD01

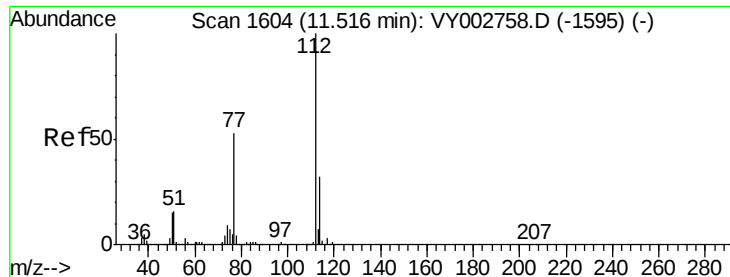
Tot Ion:117 Resp: 403008
Ion Ratio Lower Upper
117 100
82 50.4 40.2 60.4
119 33.2 25.8 38.8



#64
Tetrachloroethene
Concen: 20.280 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY002805.D
Acq: 01 Jun 2020 13:14

Tgt Ion:164 Resp: 74282
Ion Ratio Lower Upper
164 100
166 126.8 102.3 153.5
129 88.5 69.4 104.2
131 85.3 67.8 101.6

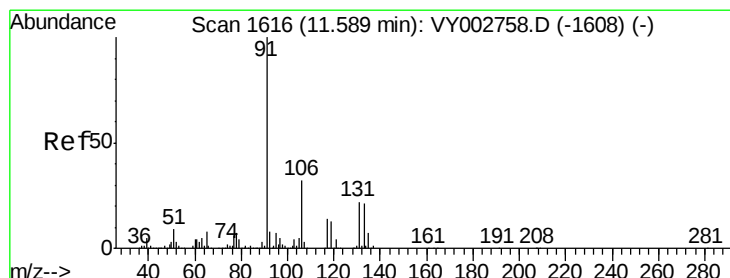
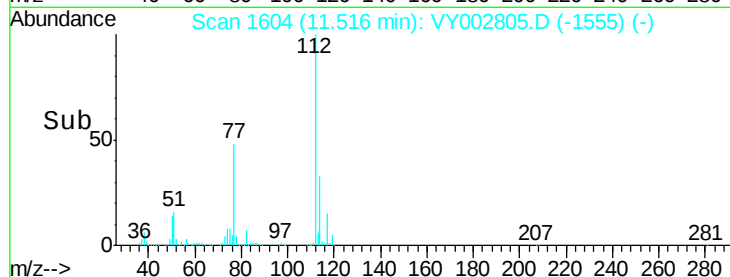
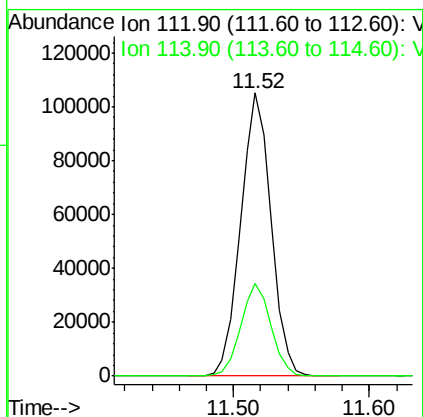
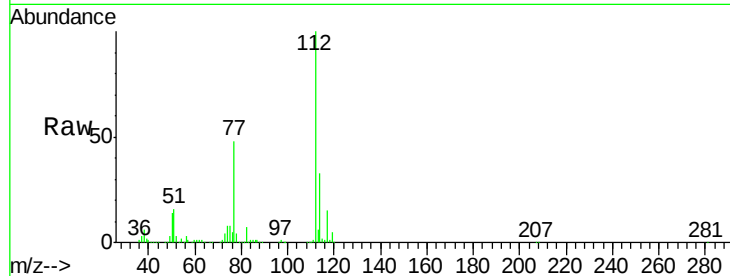




#65
Chlorobenzene
Concen: 20.572 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY002805.D
Acq: 01 Jun 2020 13:14

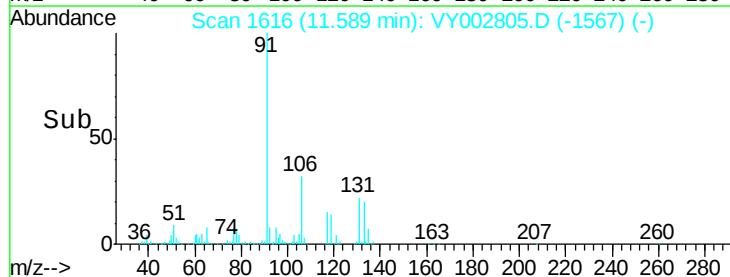
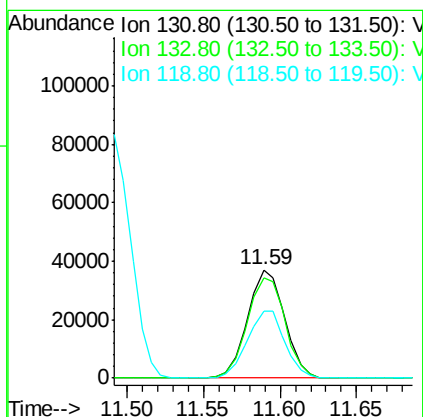
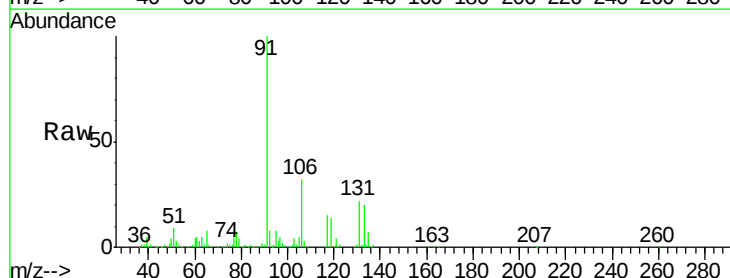
Instrument :
MSVOA_Y
ClientSampleId :
VY0601SBSD01

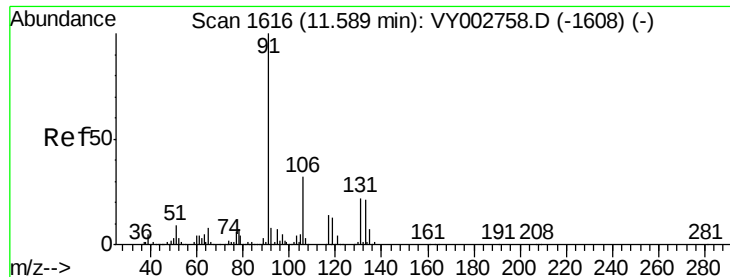
Tot Ion:112 Resp: 163868
Ion Ratio Lower Upper
112 100
114 32.5 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 20.689 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY002805.D
Acq: 01 Jun 2020 13:14

Tgt Ion:131 Resp: 62066
Ion Ratio Lower Upper
131 100
133 95.2 47.6 142.8
119 63.4 31.7 95.1





#67

Ethyl Benzene

Concen: 20.460 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. 0.01 min

Lab File: VY002805.D

Acq: 01 Jun 2020 13:14

Instrument :

MSVOA_Y

ClientSampleId :

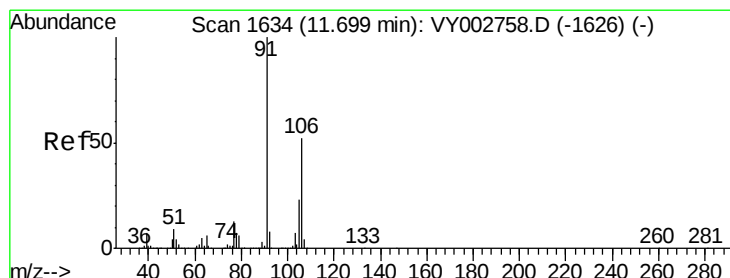
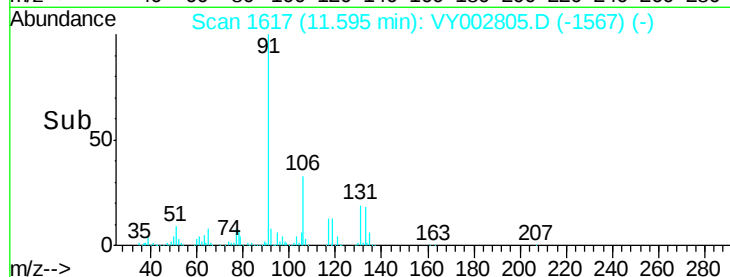
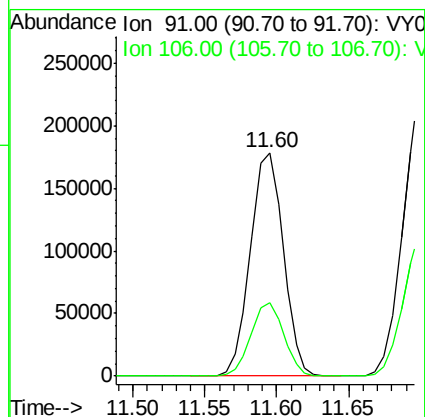
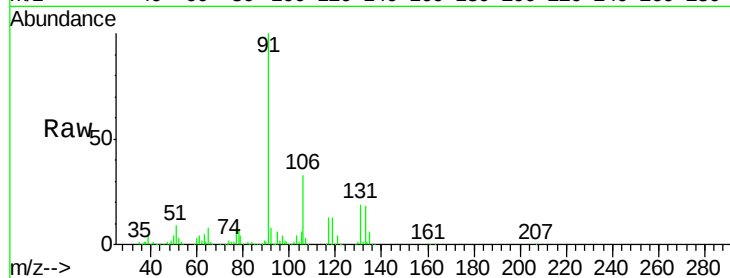
VY0601SBSD01

Tot Ion: 91 Resp: 282532

Ion Ratio Lower Upper

91 100

106 32.6 25.7 38.5



#68

m/p-Xylenes

Concen: 40.997 ug/l

RT: 11.70 min Scan# 1635

Delta R.T. 0.01 min

Lab File: VY002805.D

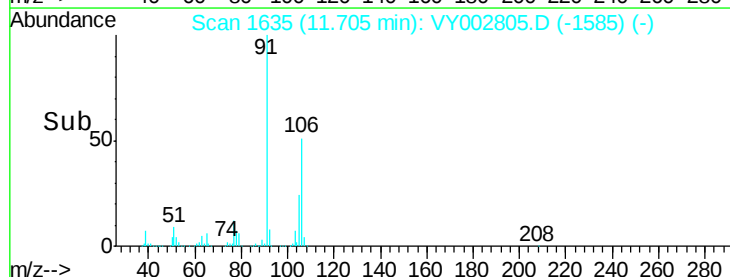
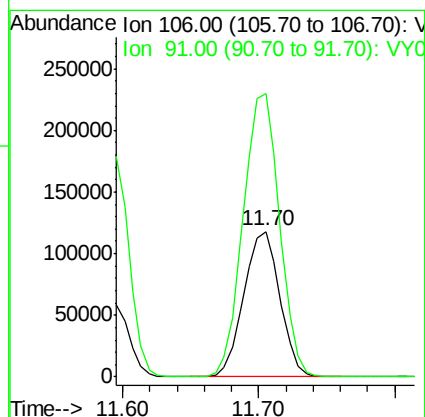
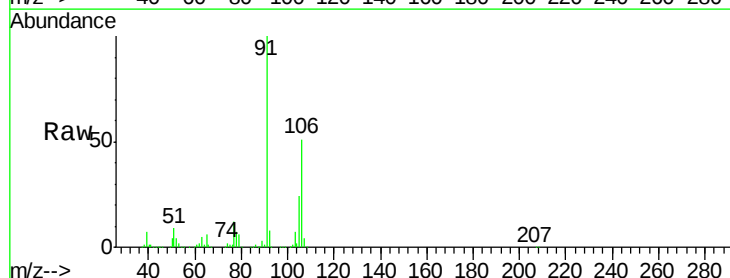
Acq: 01 Jun 2020 13:14

Tgt Ion: 106 Resp: 219499

Ion Ratio Lower Upper

106 100

91 196.2 156.0 234.0

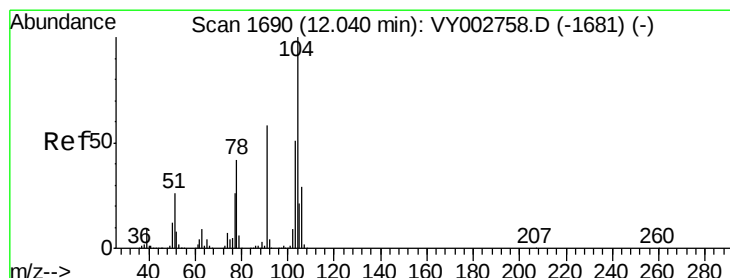
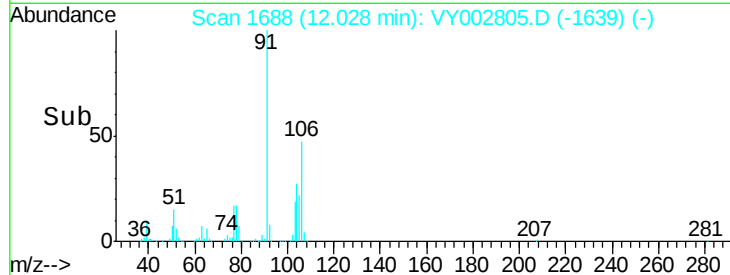
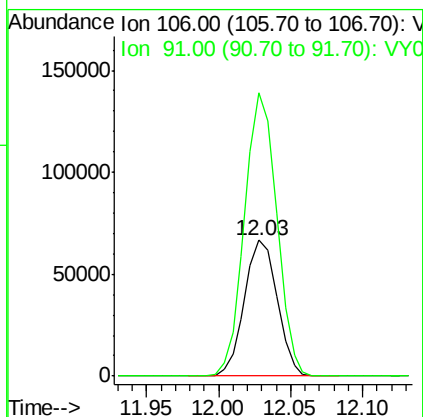
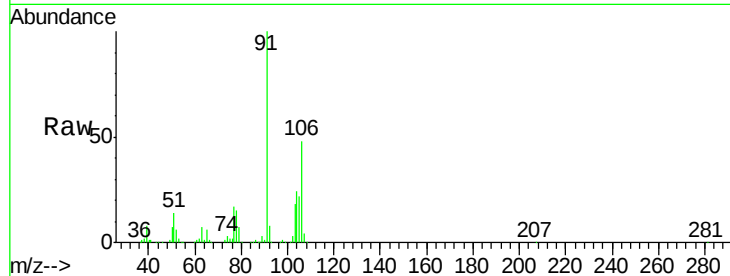




#69
o-Xylene
Concen: 20.828 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY002805.D
Acq: 01 Jun 2020 13:14

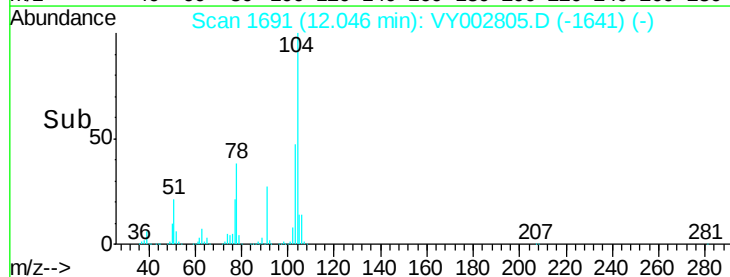
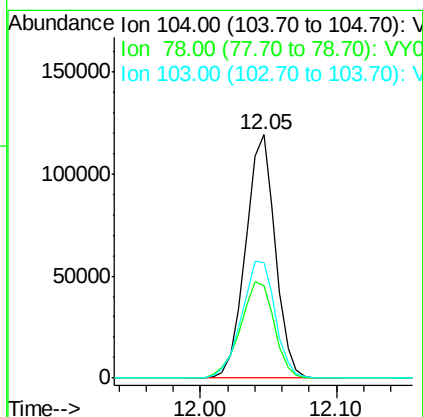
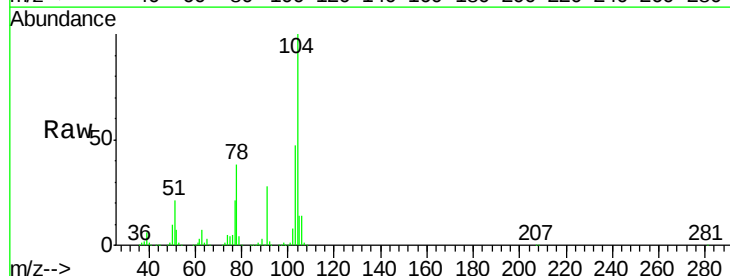
Instrument :
MSVOA_Y
ClientSampleId :
VY0601SBSD01

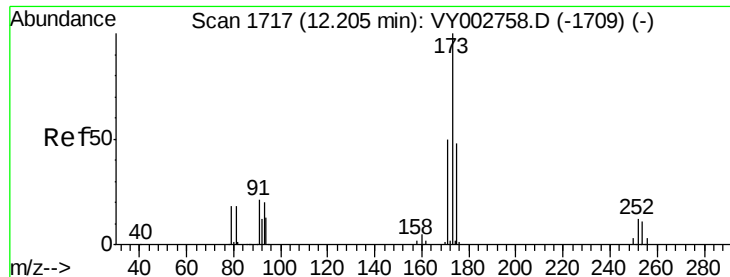
Tot Ion:106 Resp: 105275
Ion Ratio Lower Upper
106 100
91 204.9 102.4 307.1



#70
Styrene
Concen: 20.736 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY002805.D
Acq: 01 Jun 2020 13:14

Tgt Ion:104 Resp: 181688
Ion Ratio Lower Upper
104 100
78 45.3 36.2 54.4
103 54.3 43.6 65.4





#71

Bromoform

Concen: 21.656 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.01 min

Lab File: VY002805.D

Acq: 01 Jun 2020 13:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0601SBSD01

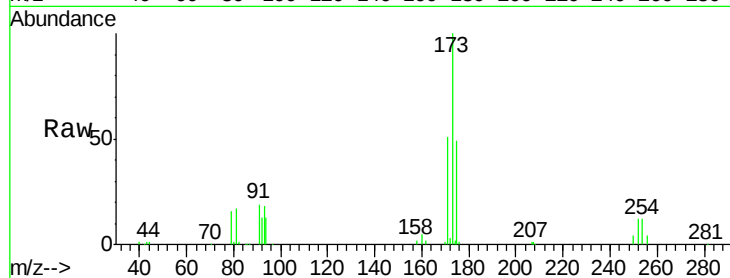
Tot Ion:173 Resp: 43472

Ion Ratio Lower Upper

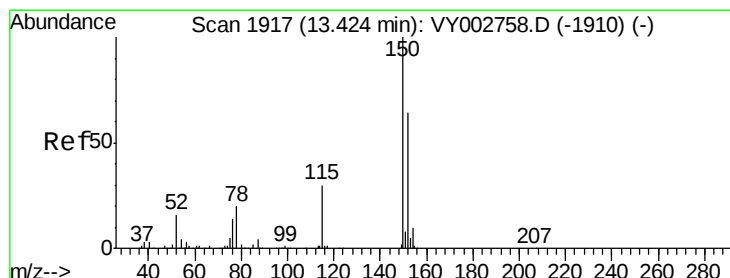
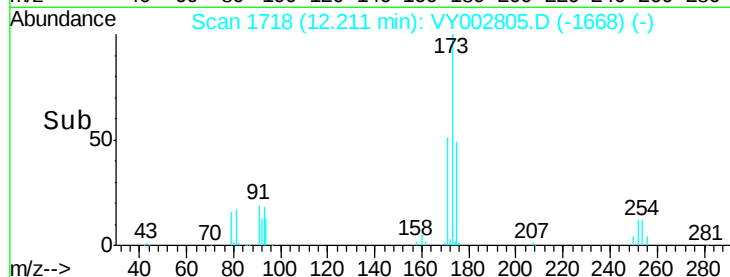
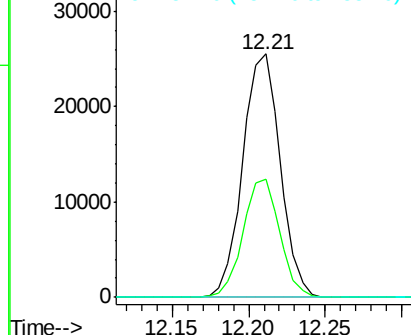
173 100

175 47.3 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: VY002805.D

Acq: 01 Jun 2020 13:14

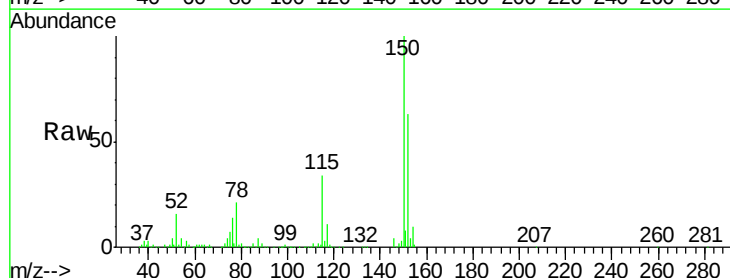
Tgt Ion:152 Resp: 222923

Ion Ratio Lower Upper

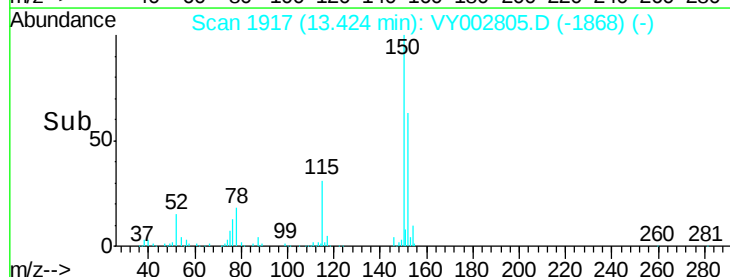
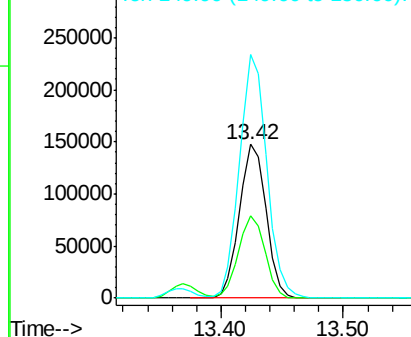
152 100

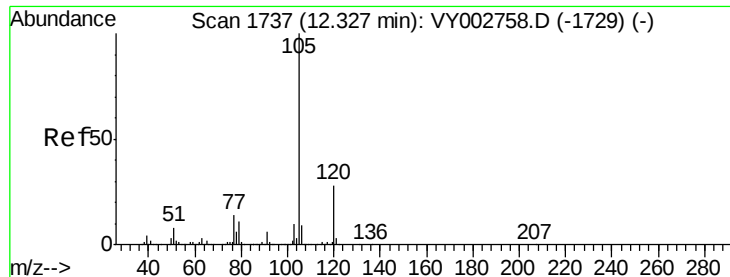
115 53.1 27.0 81.0

150 162.7 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: 19.965 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY002805.D

Acq: 01 Jun 2020 13:14

Instrument :

MSVOA_Y

ClientSampleId :

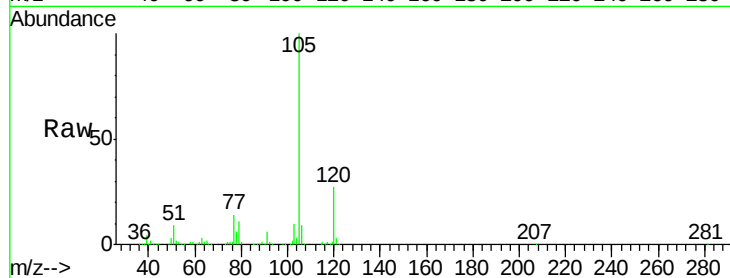
VY0601SBSD01

Tot Ion: 105 Resp: 285223

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

12.33

200000

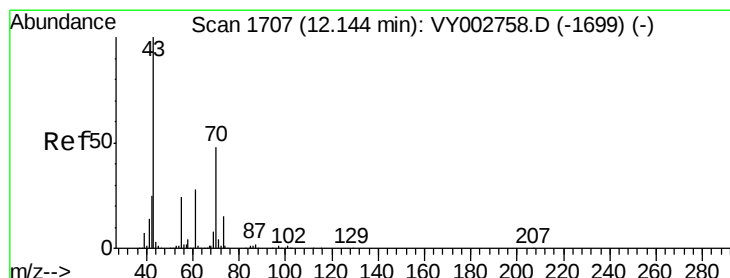
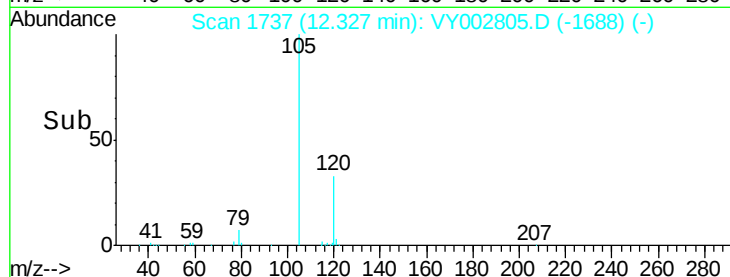
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 20.355 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY002805.D

Acq: 01 Jun 2020 13:14

Tgt Ion: 43 Resp: 74612

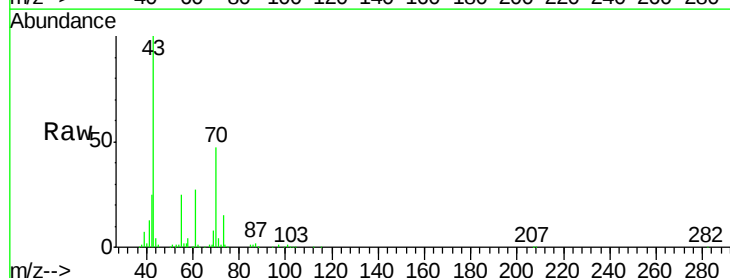
Ion Ratio Lower Upper

43 100

70 47.1 37.7 56.5

55 25.4 19.8 29.6

61 26.8 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

80000

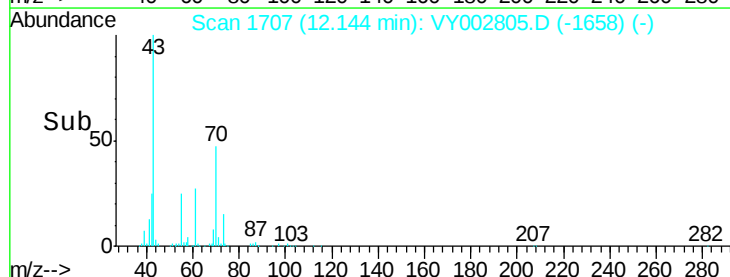
60000

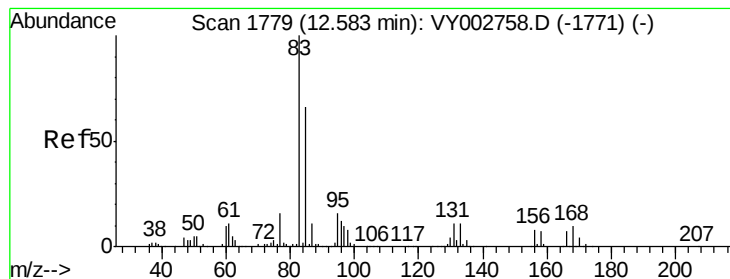
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.736 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY002805.D

Acq: 01 Jun 2020 13:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0601SBSD01

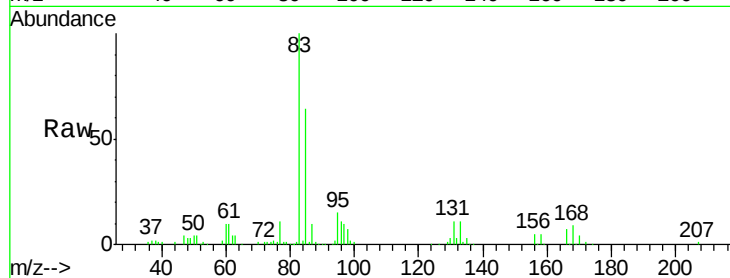
Tot Ion: 83 Resp: 51975

Ion Ratio Lower Upper

83 100

131 11.5 5.8 17.4

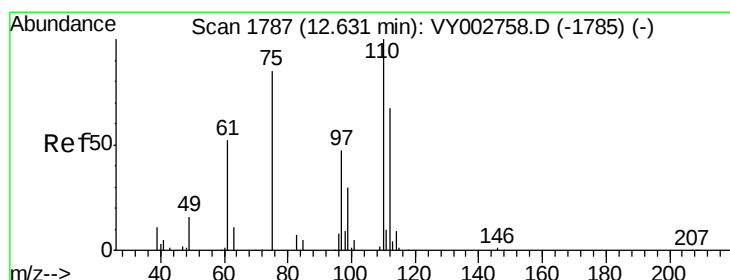
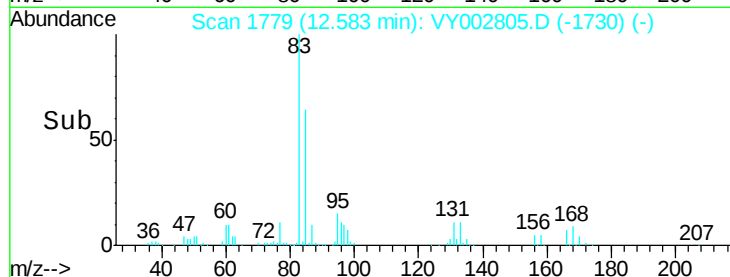
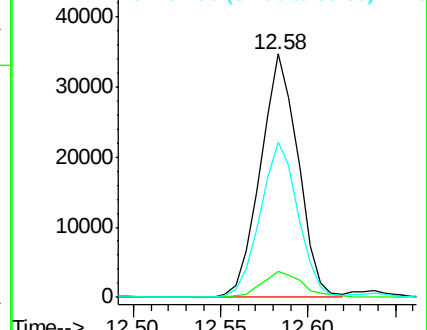
85 64.2 32.6 98.0



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: 21.483 ug/l m

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY002805.D

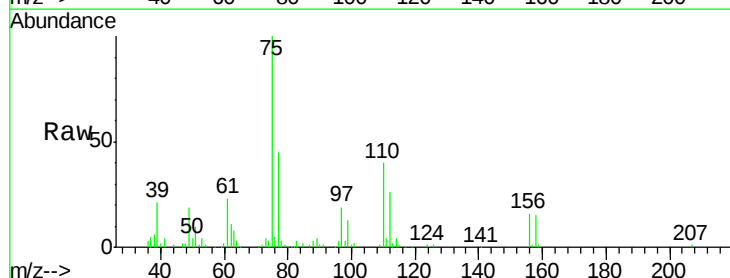
Acq: 01 Jun 2020 13:14

Tgt Ion: 75 Resp: 43152

Ion Ratio Lower Upper

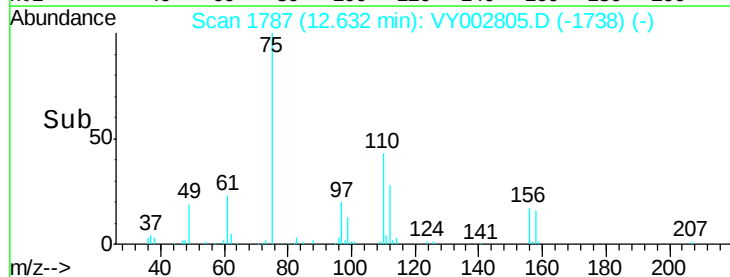
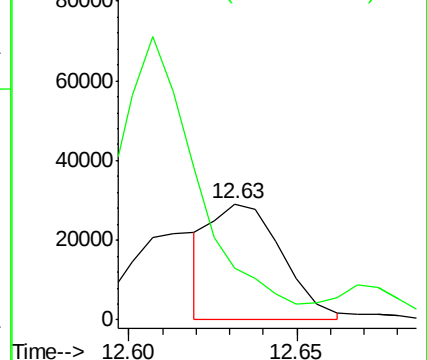
75 100

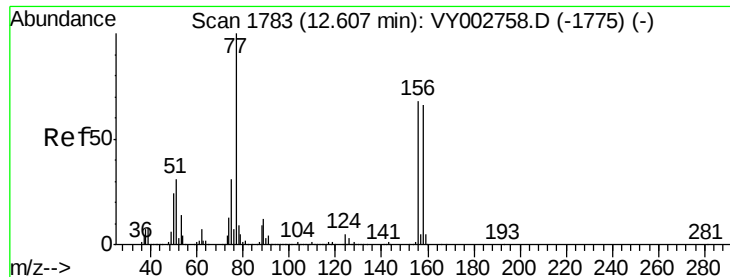
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 20.012 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY002805.D

Acq: 01 Jun 2020 13:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0601SBSD01

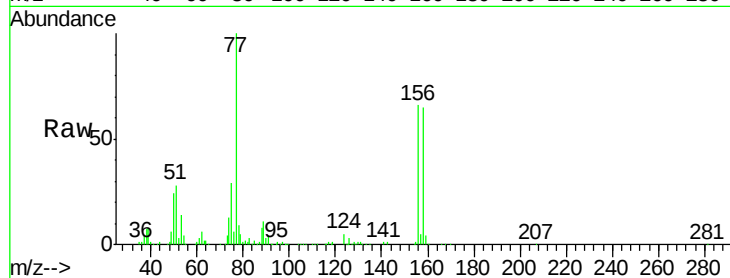
Tot Ion:156 Resp: 74440

Ion Ratio Lower Upper

156 100

77 162.1 81.4 244.2

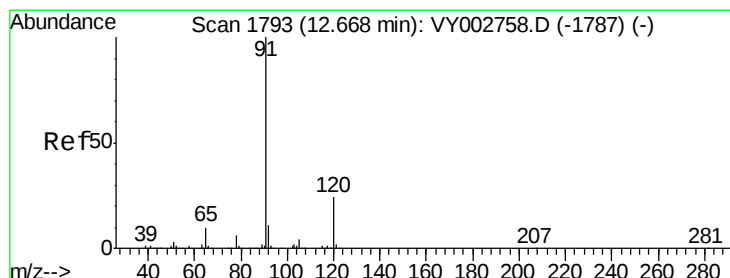
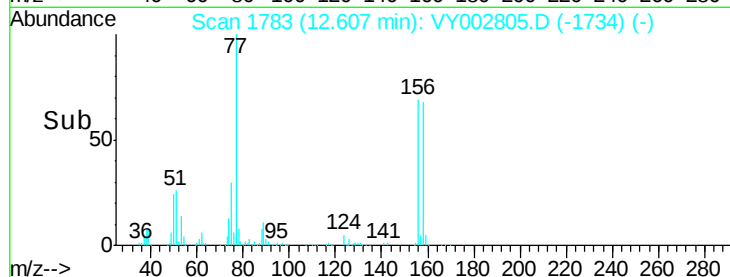
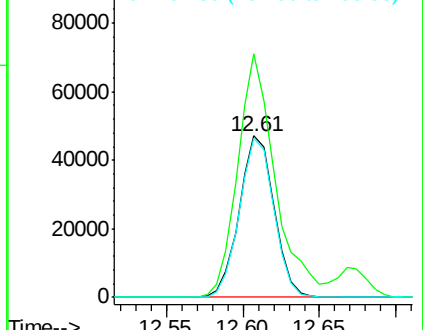
158 97.7 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.173 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. 0.01 min

Lab File: VY002805.D

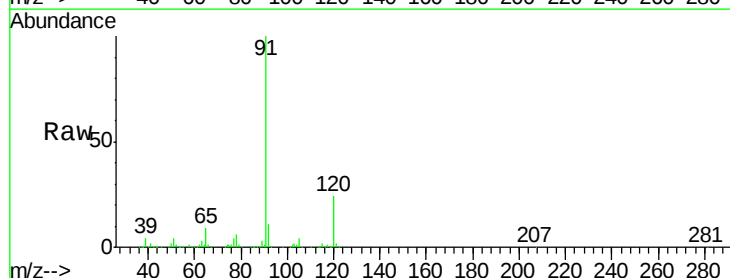
Acq: 01 Jun 2020 13:14

Tgt Ion: 91 Resp: 332889

Ion Ratio Lower Upper

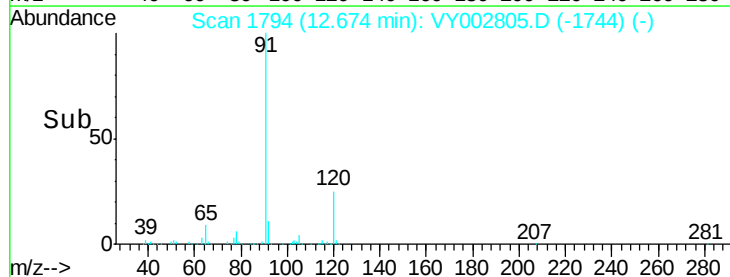
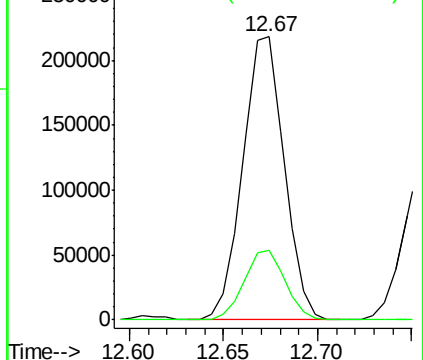
91 100

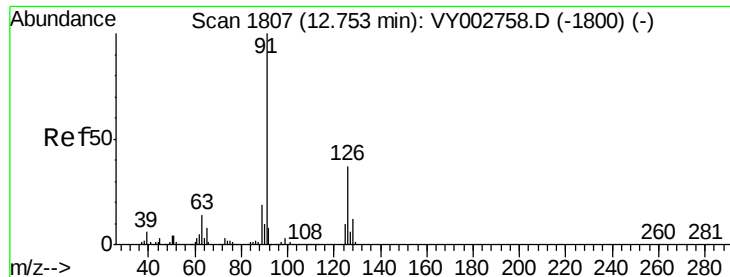
120 24.4 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

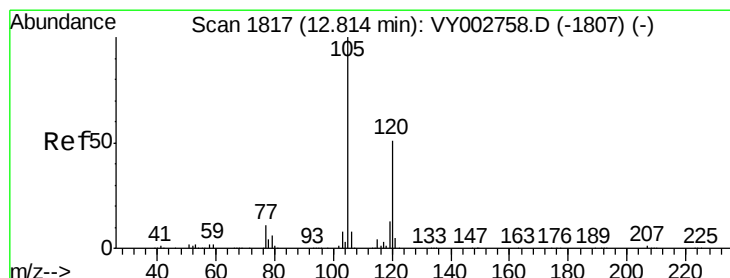
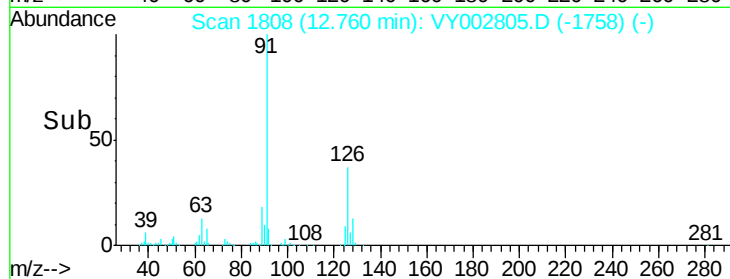
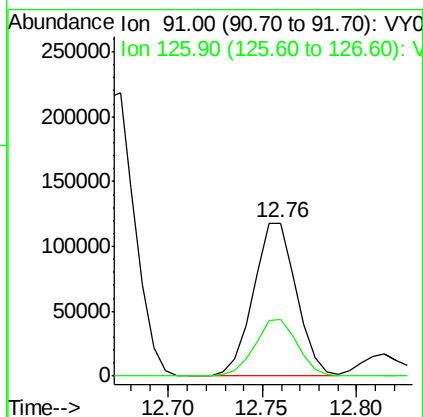
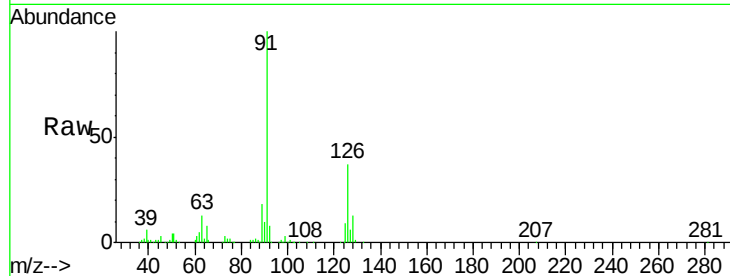




#79
 2-Chlorotoluene
 Concen: 20.111 ug/l
 RT: 12.76 min Scan# 1808
 Delta R.T. 0.01 min
 Lab File: VY002805.D
 Acq: 01 Jun 2020 13:14

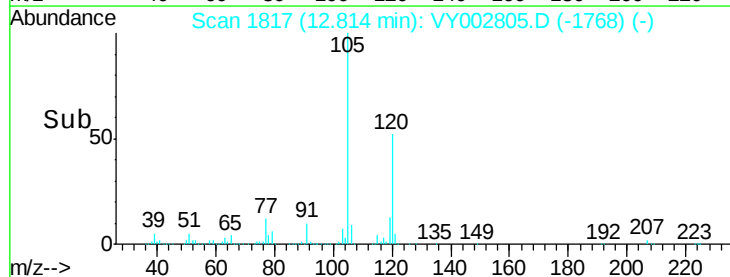
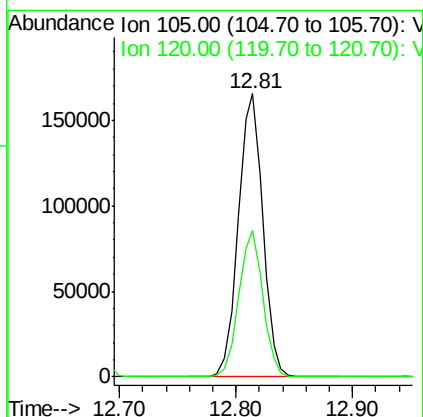
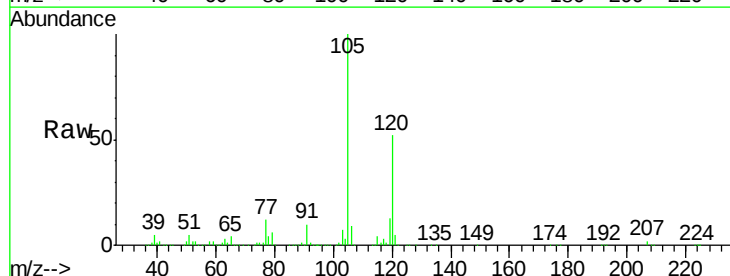
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0601SBSD01

Tot Ion: 91 Resp: 186157
 Ion Ratio Lower Upper
 91 100
 126 36.9 18.4 55.4



#80
 1,3,5-Trimethylbenzene
 Concen: 20.289 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. 0.00 min
 Lab File: VY002805.D
 Acq: 01 Jun 2020 13:14

Tgt Ion: 105 Resp: 242010
 Ion Ratio Lower Upper
 105 100
 120 51.0 25.3 75.8

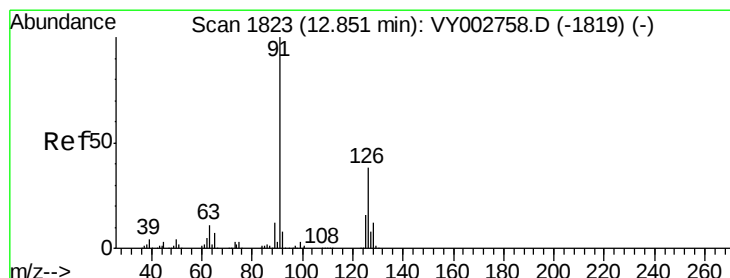
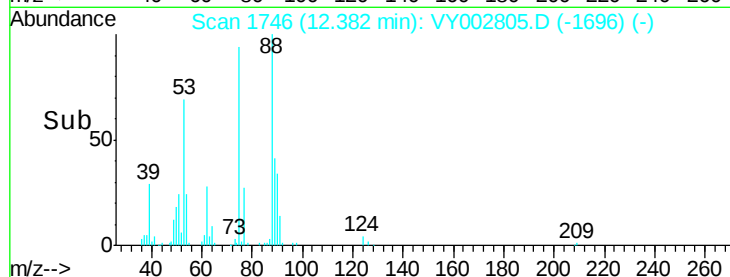
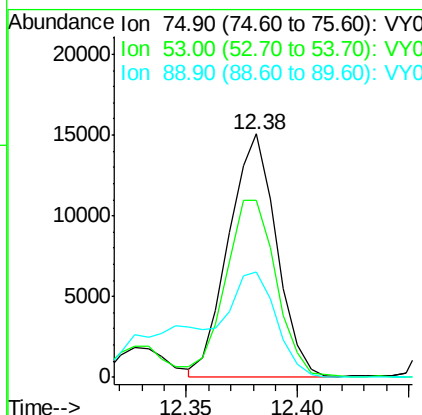
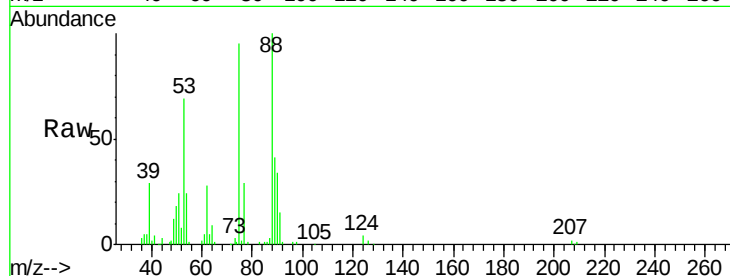




#81
trans-1,4-Dichloro-2-butene
Concen: 20.974 ug/l
RT: 12.38 min Scan# 1746
Delta R.T. 0.01 min
Lab File: VY002805.D
Acq: 01 Jun 2020 13:14

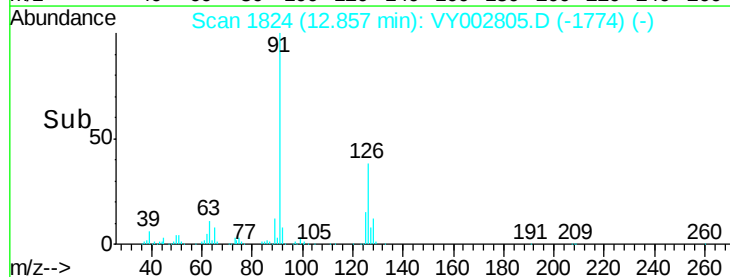
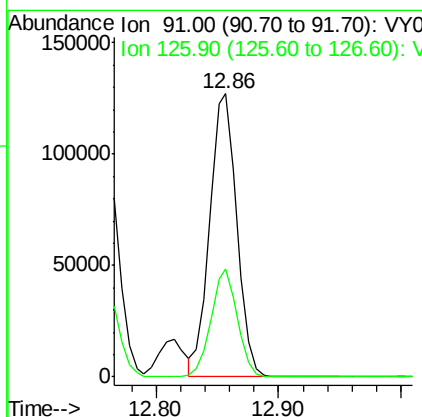
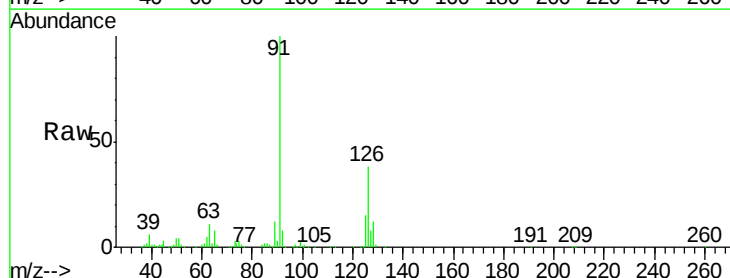
Instrument :
MSVOA_Y
ClientSampleId :
VY0601SBSD01

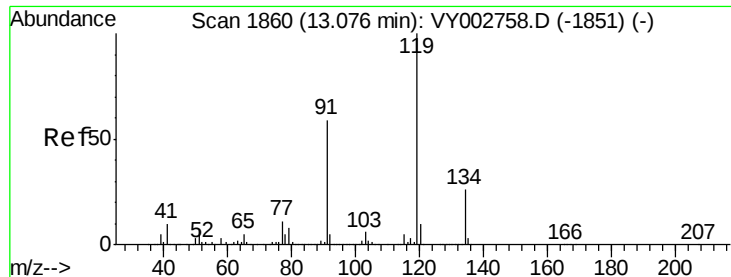
Tot Ion: 75 Resp: 22362
Ion Ratio Lower Upper
75 100
53 77.7 64.0 96.0
89 77.9 37.4 56.2#



#82
4-Chlorotoluene
Concen: 20.269 ug/l
RT: 12.86 min Scan# 1824
Delta R.T. 0.01 min
Lab File: VY002805.D
Acq: 01 Jun 2020 13:14

Tgt Ion: 91 Resp: 196573
Ion Ratio Lower Upper
91 100
126 37.0 18.5 55.5

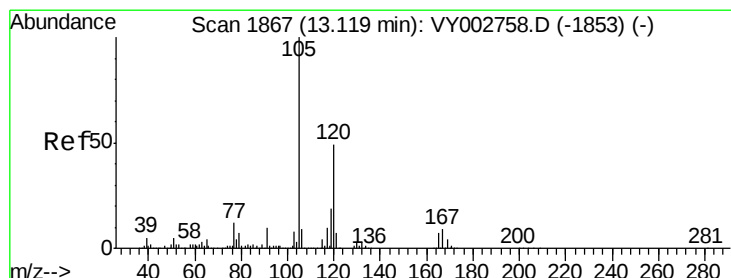
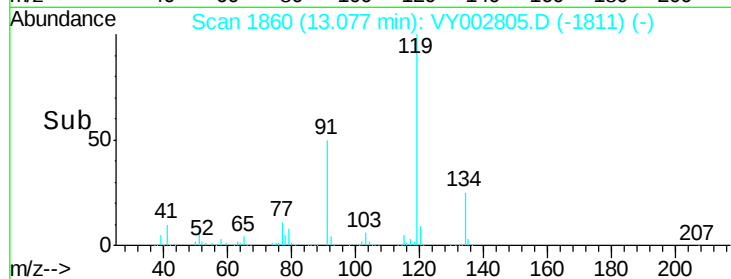
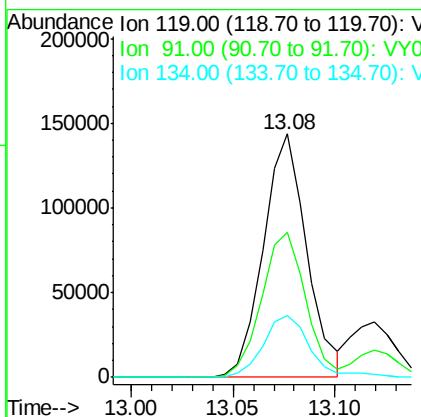
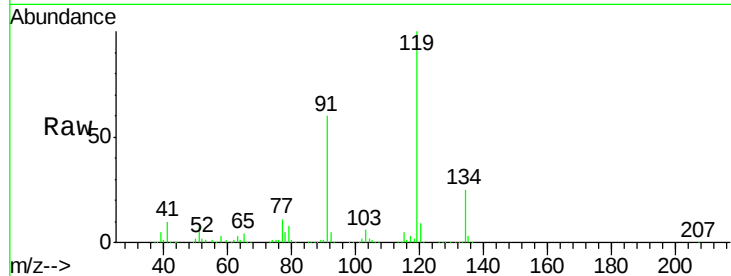




#83
 tert-Butylbenzene
 Concen: 20.014 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VY002805.D
 Acq: 01 Jun 2020 13:14

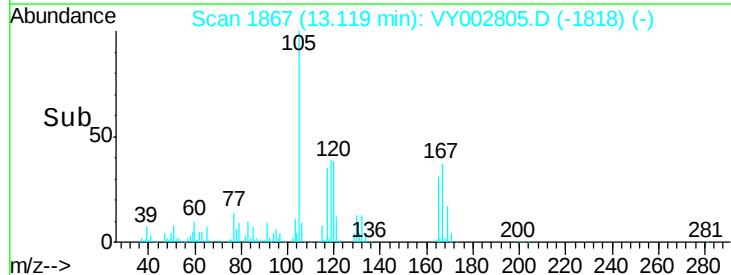
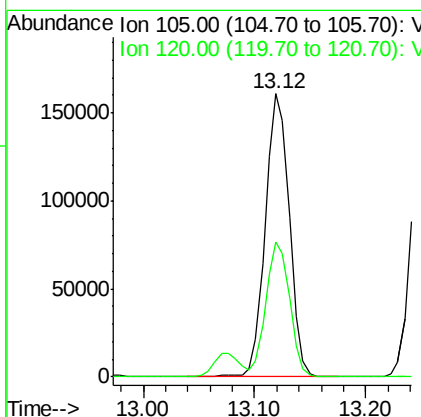
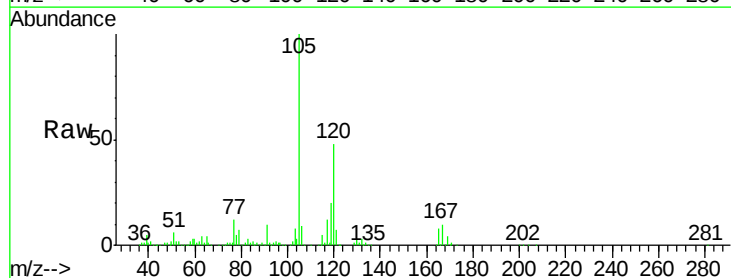
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0601SBSD01

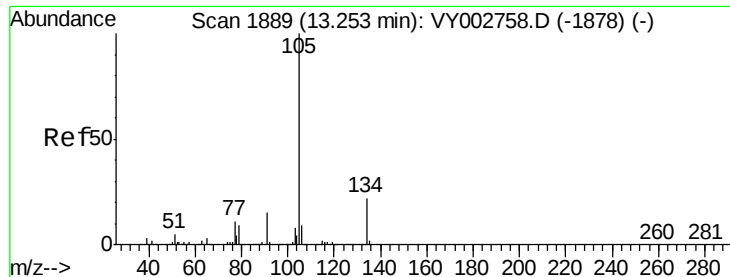
Tot Ion:119 Resp: 212946
 Ion Ratio Lower Upper
 119 100
 91 60.3 29.8 89.4
 134 27.4 13.3 39.8



#84
 1,2,4-Trimethylbenzene
 Concen: 20.247 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VY002805.D
 Acq: 01 Jun 2020 13:14

Tgt Ion:105 Resp: 242837
 Ion Ratio Lower Upper
 105 100
 120 47.0 23.6 70.8





#85

sec-Butylbenzene

Concen: 20.262 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY002805.D

Acq: 01 Jun 2020 13:14

Instrument :

MSVOA_Y

ClientSampleId :

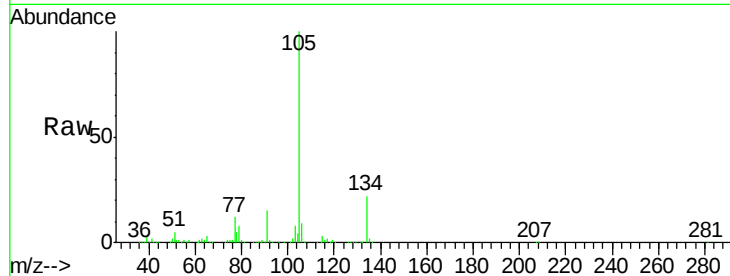
VY0601SBSD01

Tot Ion:105 Resp: 294778

Ion Ratio Lower Upper

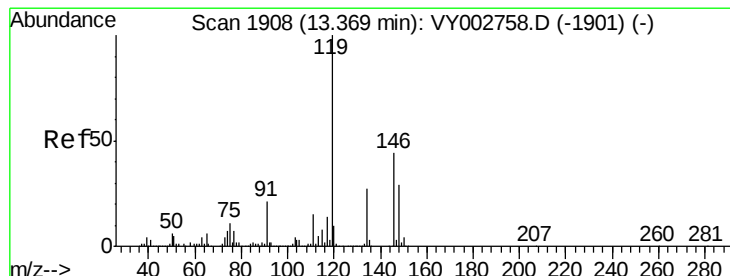
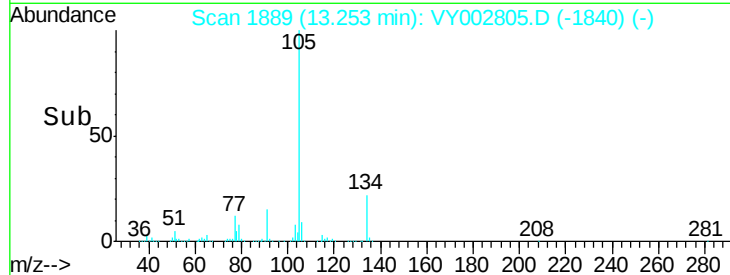
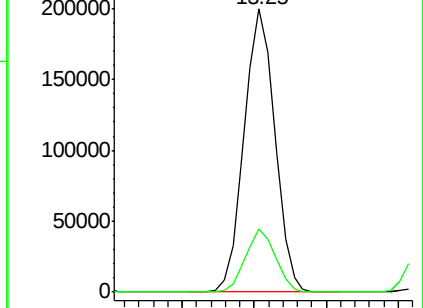
105 100

134 21.6 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.408 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY002805.D

Acq: 01 Jun 2020 13:14

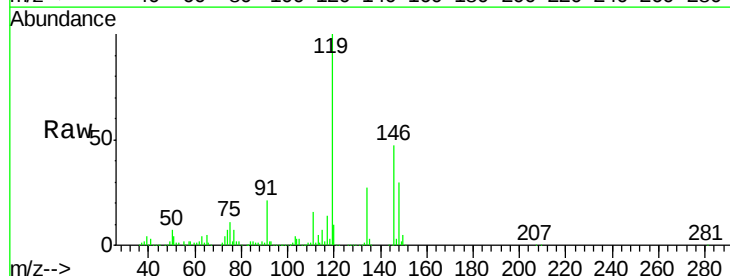
Tgt Ion:119 Resp: 276267

Ion Ratio Lower Upper

119 100

134 27.4 13.7 41.0

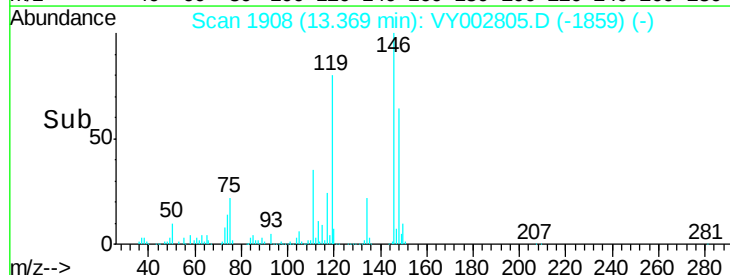
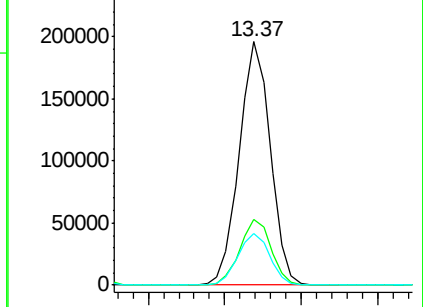
91 21.6 10.8 32.4

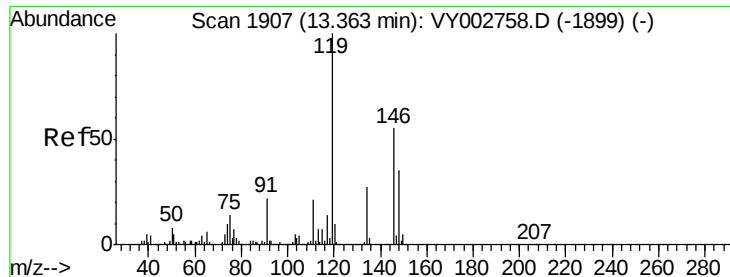


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 20.439 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.01 min

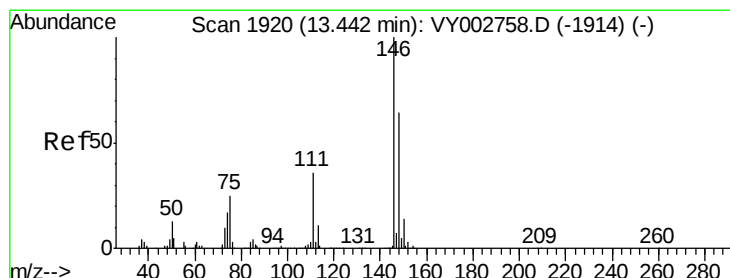
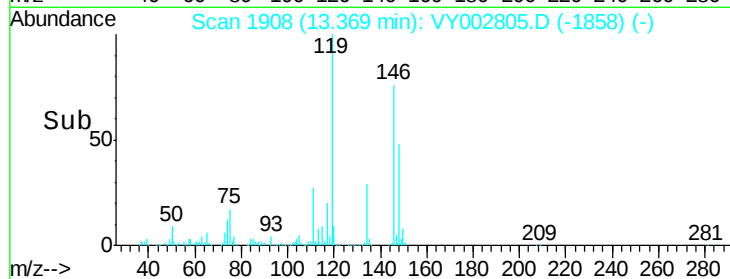
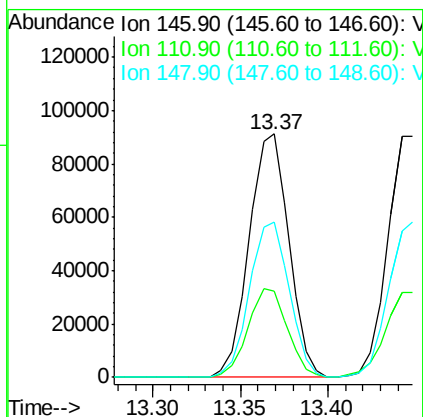
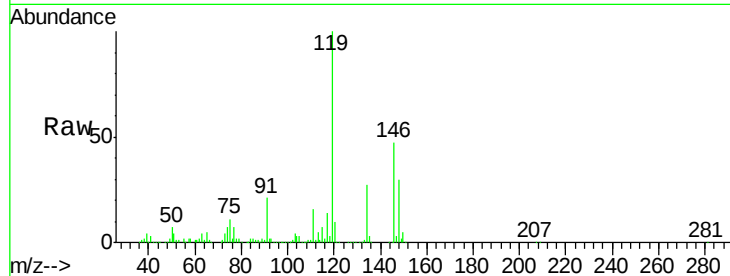
Lab File: VY002805.D

Acq: 01 Jun 2020 13:14

Instrument :
MSVOA_Y
ClientSampleId :
VY0601SBSD01

Tot Ion:146 Resp: 144015

Ion	Ratio	Lower	Upper
146	100		
111	36.1	18.4	55.0
148	63.8	31.9	95.7



#88

1,4-Dichlorobenzene

Concen: 20.482 ug/l

RT: 13.45 min Scan# 1921

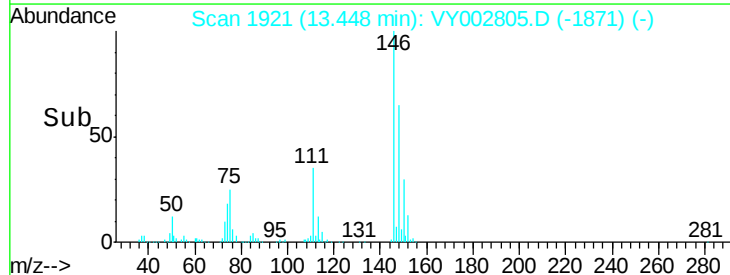
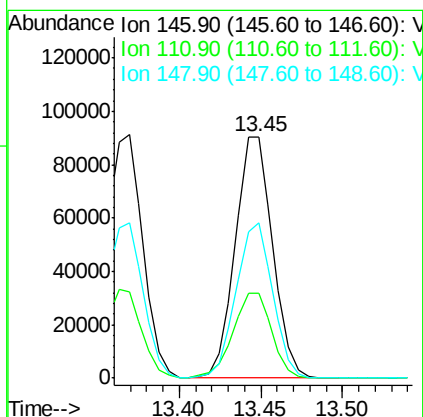
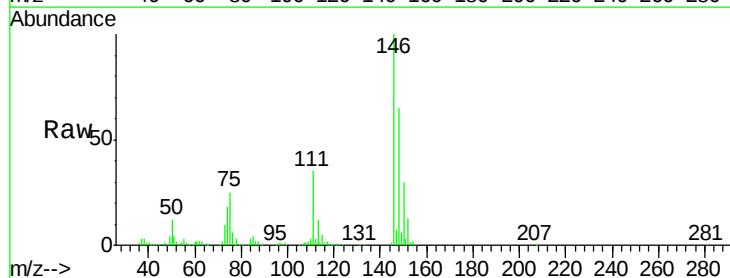
Delta R.T. 0.01 min

Lab File: VY002805.D

Acq: 01 Jun 2020 13:14

Tgt Ion:146 Resp: 144365

Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.1	54.3
148	63.2	32.1	96.3





#89

n-Butylbenzene

Concen: 20.372 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. 0.01 min

Lab File: VY002805.D

Acq: 01 Jun 2020 13:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0601SBSD01

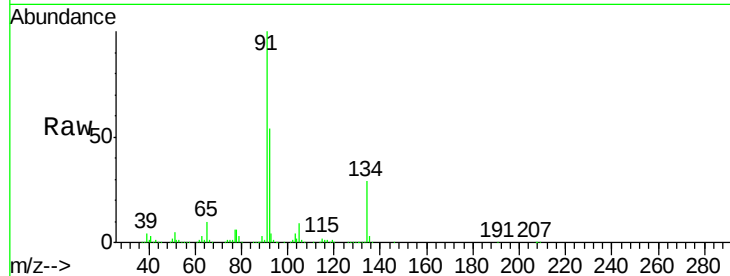
Tot Ion: 91 Resp: 250379

Ion Ratio Lower Upper

91 100

92 53.6 27.1 81.2

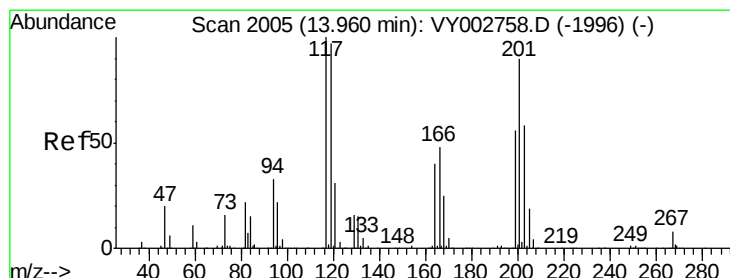
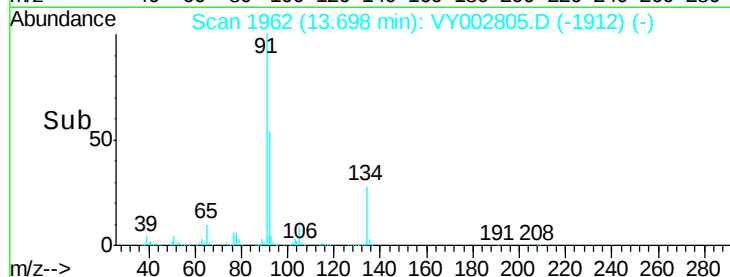
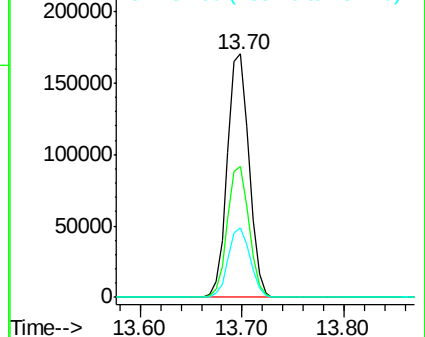
134 28.7 14.3 42.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 92.00 (91.70 to 92.70): VY0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 20.126 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. 0.00 min

Lab File: VY002805.D

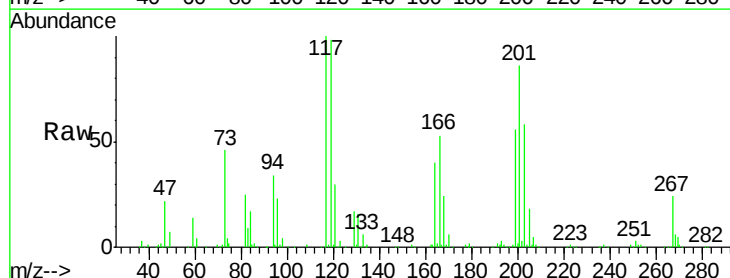
Acq: 01 Jun 2020 13:14

Tgt Ion: 117 Resp: 51004

Ion Ratio Lower Upper

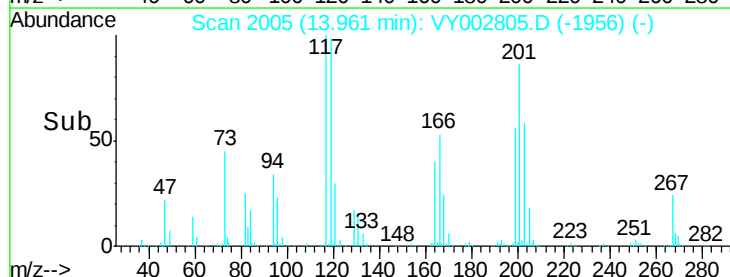
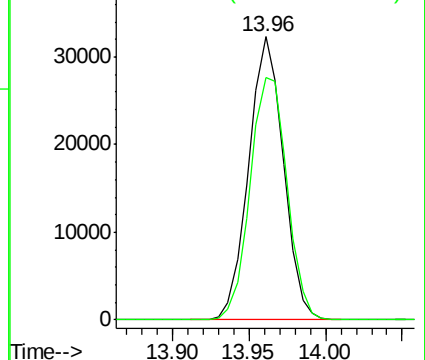
117 100

201 91.1 43.9 131.6



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 20.534 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. 0.01 min

Lab File: VY002805.D

Acq: 01 Jun 2020 13:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0601SBSD01

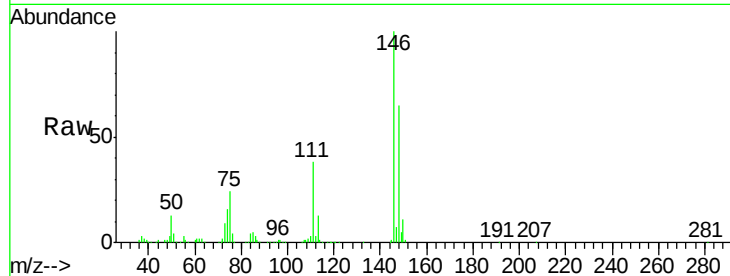
Tot Ion:146 Resp: 131212

Ion Ratio Lower Upper

146 100

111 37.9 18.9 56.9

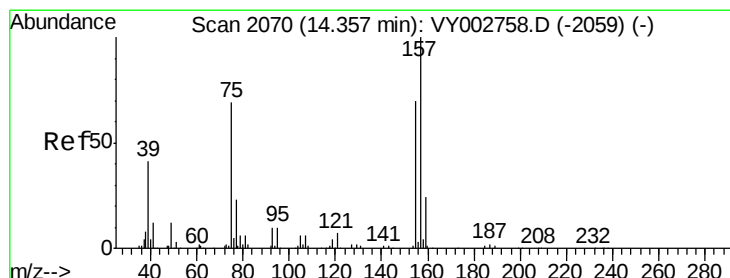
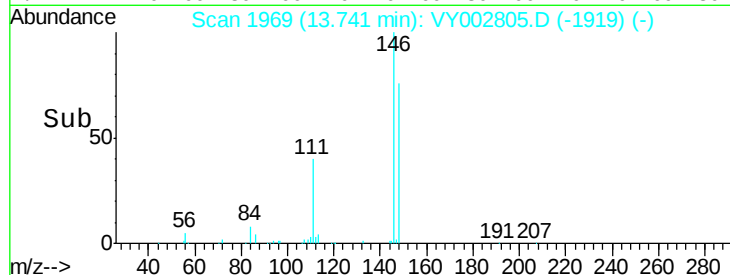
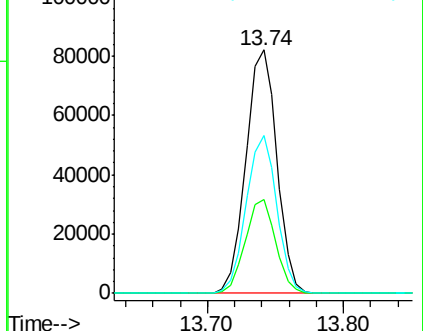
148 64.1 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.280 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. 0.00 min

Lab File: VY002805.D

Acq: 01 Jun 2020 13:14

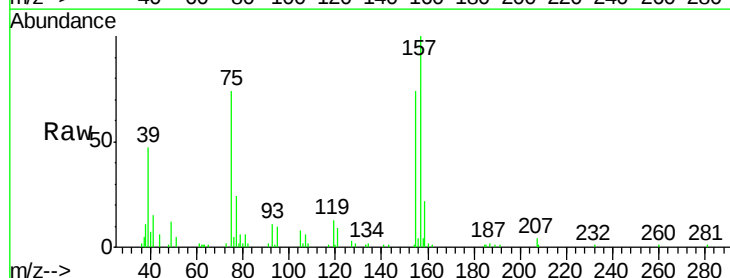
Tgt Ion: 75 Resp: 10262

Ion Ratio Lower Upper

75 100

155 105.0 53.5 160.5

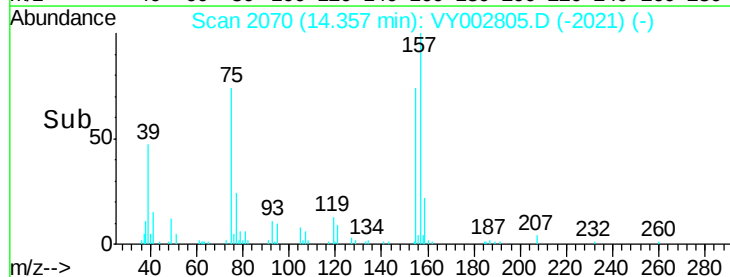
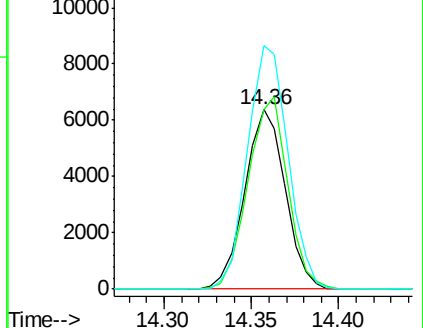
157 135.9 69.9 209.7

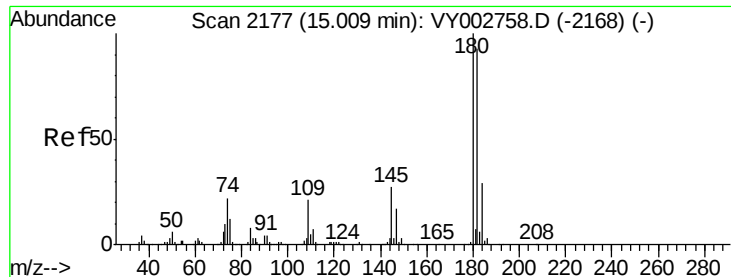


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

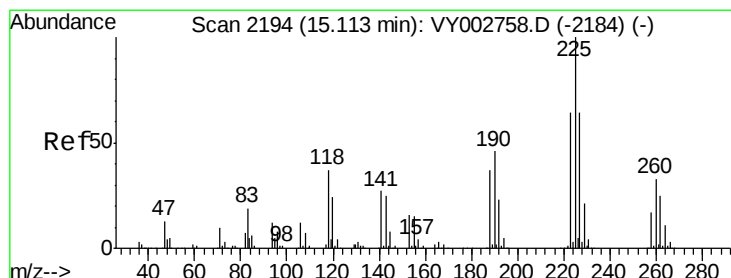
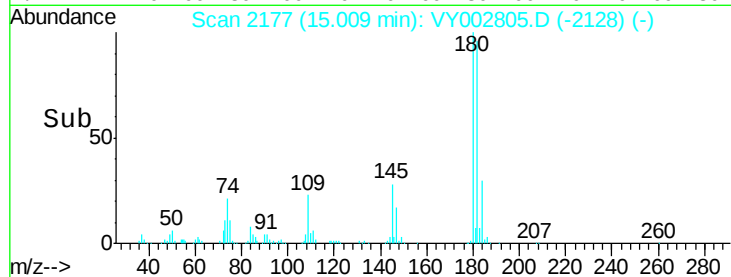
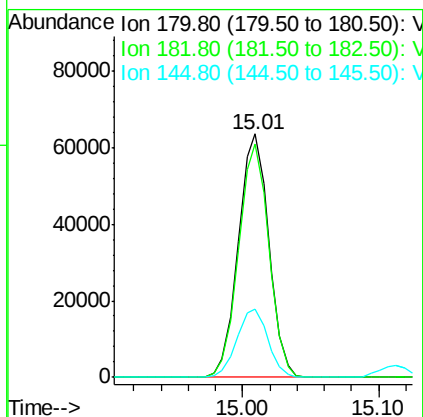
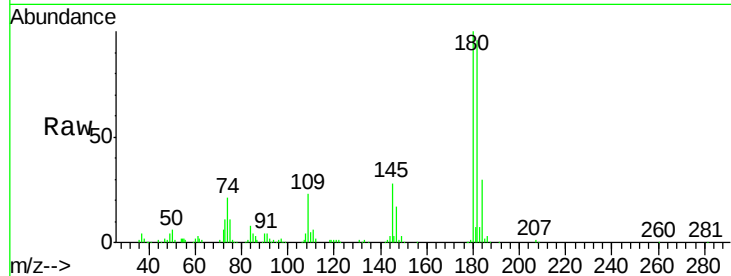




#93
 1,2,4-Trichlorobenzene
 Concen: 20.584 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VY002805.D
 Acq: 01 Jun 2020 13:14

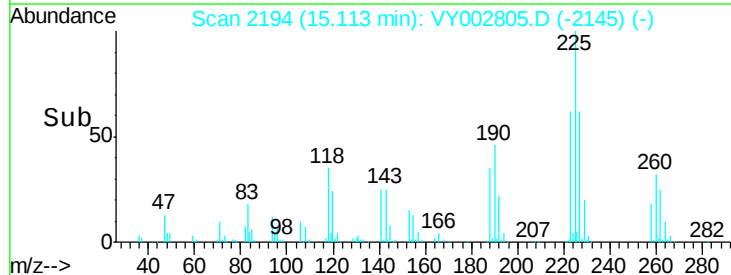
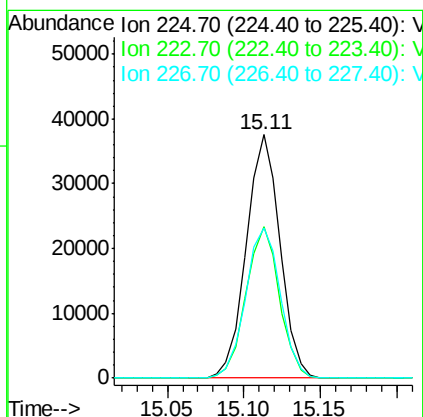
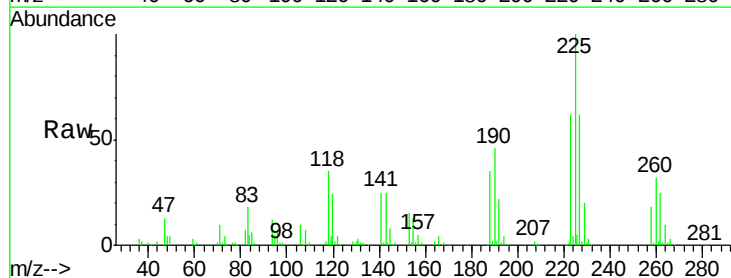
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0601SBSD01

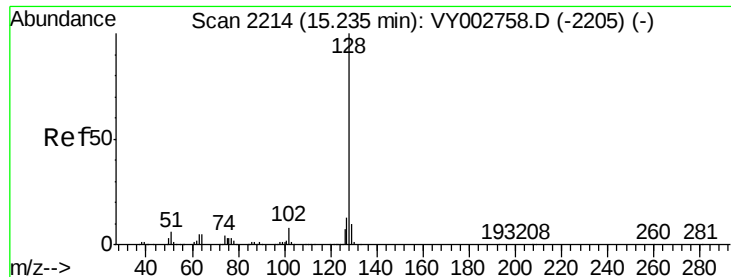
Tot Ion:180 Resp: 99143
 Ion Ratio Lower Upper
 180 100
 182 95.1 47.3 141.9
 145 28.6 14.1 42.3



#94
 Hexachlorobutadiene
 Concen: 21.047 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY002805.D
 Acq: 01 Jun 2020 13:14

Tgt Ion:225 Resp: 57498
 Ion Ratio Lower Upper
 225 100
 223 61.8 31.6 95.0
 227 63.5 32.3 96.9

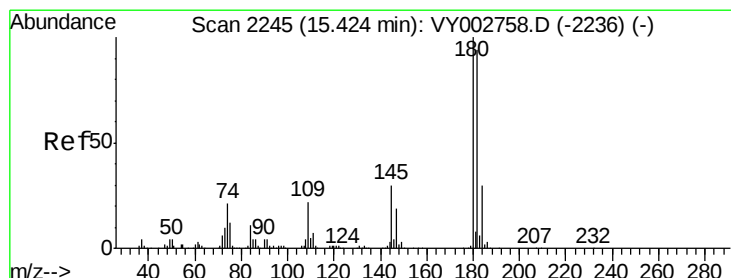
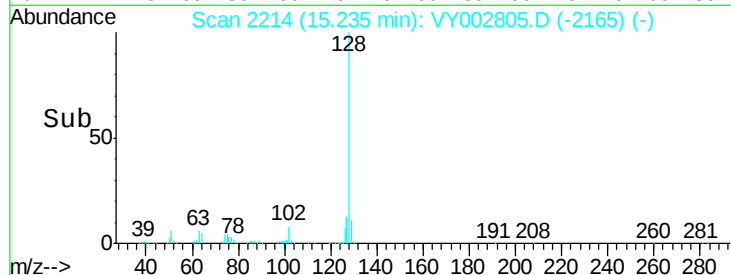
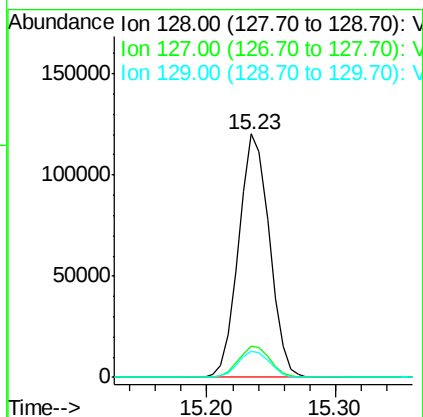
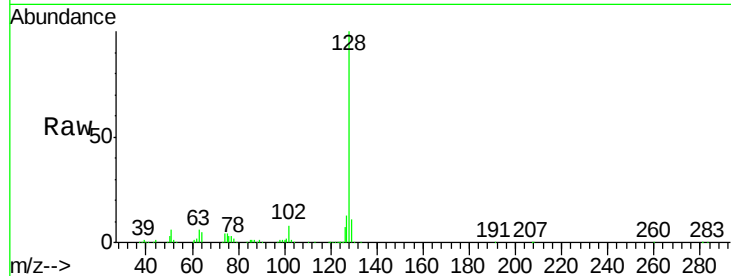




#95
Naphthalene
Concen: 20.560 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY002805.D
Acq: 01 Jun 2020 13:14

Instrument :
MSVOA_Y
ClientSampleId :
VY0601SBS01

Tot Ion:128 Resp: 198554
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 20.542 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY002805.D
Acq: 01 Jun 2020 13:14

Tgt Ion:180 Resp: 88352
Ion Ratio Lower Upper
180 100
182 95.1 48.1 144.4
145 29.4 15.1 45.3

