

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY073120\
 Data File : VY003388.D
 Acq On : 31 Jul 2020 14:46
 Operator : SY/MD
 Sample : VY0731SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0731SBS01

Quant Time: Aug 01 01:24:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y073120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 31 13:09:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	522421	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	773318	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	701736	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	376933	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	254432	51.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.44%	
35) Dibromofluoromethane	7.72	113	233621	51.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.58%	
50) Toluene-d8	10.18	98	922235	51.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.40%	
62) 4-Bromofluorobenzene	12.48	95	308902	50.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	89940	21.025	ug/l	98
3) Chloromethane	2.12	50	115699	19.748	ug/l	99
4) Vinyl Chloride	2.26	62	119300	20.284	ug/l	99
5) Bromomethane	2.64	94	92500	21.290	ug/l	99
6) Chloroethane	2.79	64	74673	20.241	ug/l	97
7) Trichlorofluoromethane	3.13	101	165361	20.822	ug/l	100
8) Diethyl Ether	3.54	74	57272	20.710	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.90	101	98209	20.703	ug/l	99
10) Methyl Iodide	4.10	142	105521	19.161	ug/l	99
11) Tert butyl alcohol	4.96	59	55091	108.592	ug/l	99
12) 1,1-Dichloroethene	3.87	96	95039	20.653	ug/l	96
13) Acrolein	3.73	56	53266	101.887	ug/l	100
14) Allyl chloride	4.49	41	152450	19.779	ug/l	100
15) Acrylonitrile	5.17	53	140248	102.214	ug/l	99
16) Acetone	3.95	43	116136	94.628	ug/l	99
17) Carbon Disulfide	4.20	76	307669	20.509	ug/l	100
18) Methyl Acetate	4.49	43	65936	20.363	ug/l	99
19) Methyl tert-butyl Ether	5.22	73	255618	20.094	ug/l	98
20) Methylene Chloride	4.72	84	148907	18.603	ug/l	99
21) trans-1,2-Dichloroethene	5.22	96	105015	20.186	ug/l	94
22) Diisopropyl ether	6.13	45	324716	20.052	ug/l	97
23) Vinyl Acetate	6.07	43	1067028	100.581	ug/l	98
24) 1,1-Dichloroethane	6.02	63	182638	20.126	ug/l	98
25) 2-Butanone	6.99	43	187264	100.125	ug/l	98
26) 2,2-Dichloropropane	6.99	77	166298	20.537	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	114007	19.944	ug/l	100
28) Bromochloromethane	7.34	49	76599	21.700	ug/l	97
29) Tetrahydrofuran	7.35	42	123413	101.136	ug/l	99
30) Chloroform	7.51	83	184782	20.529	ug/l	94
31) Cyclohexane	7.78	56	178681	20.293	ug/l	92
32) 1,1,1-Trichloroethane	7.71	97	166211	20.239	ug/l	99
36) 1,1-Dichloropropene	7.92	75	147703	20.184	ug/l	99
37) Ethyl Acetate	7.08	43	82184	19.750	ug/l	98
38) Carbon Tetrachloride	7.91	117	154167	20.473	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	178547	19.996	ug/l	98
40) Benzene	8.17	78	411159	20.250	ug/l	98
41) Methacrylonitrile	7.35	41	113059	47.394	ug/l #	1
42) 1,2-Dichloroethane	8.24	62	124932	20.203	ug/l	99
43) Isopropyl Acetate	8.28	43	153418	19.534	ug/l	97
44) Trichloroethene	8.94	130	119417	20.449	ug/l	97
45) 1,2-Dichloropropane	9.22	63	106397	20.010	ug/l	99
46) Dibromomethane	9.31	93	58932	19.754	ug/l	97
47) Bromodichloromethane	9.50	83	143287	19.932	ug/l	98
48) Methyl methacrylate	9.29	41	69397	19.575	ug/l	95
49) 1,4-Dioxane	9.30	88	16675	431.861	ug/l	96
51) 4-Methyl-2-Pentanone	10.07	43	413391	100.439	ug/l	100
52) Toluene	10.24	92	257819	20.246	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	152691	20.012	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	174100	20.135	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	85192	20.359	ug/l	97
56) Ethyl methacrylate	10.51	69	115309	19.905	ug/l	98
57) 1,3-Dichloropropane	10.79	76	149188	20.514	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	285894	106.546	ug/l	100
59) 2-Hexanone	10.83	43	290554	101.295	ug/l	99
60) Dibromochloromethane	10.99	129	107511	20.459	ug/l	99
61) 1,2-Dibromoethane	11.09	107	80274	19.801	ug/l	97
64) Tetrachloroethene	10.72	164	117041	19.951	ug/l	97
65) Chlorobenzene	11.52	112	281382	20.434	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	108331	20.225	ug/l	99
67) Ethyl Benzene	11.59	91	505389	20.354	ug/l	100
68) m/p-Xylenes	11.70	106	380918	40.694	ug/l	99
69) o-Xylene	12.03	106	179358	20.469	ug/l	99
70) Styrene	12.04	104	308014	20.543	ug/l	99
71) Bromoform	12.20	173	70778	20.335	ug/l	99
73) Isopropylbenzene	12.33	105	490047	20.116	ug/l	99
74) N-amyl acetate	12.14	43	141498	19.707	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	97799	20.268	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	132462	39.119	ug/l #	100
77) Bromobenzene	12.61	156	125670	20.303	ug/l	97
78) n-propylbenzene	12.67	91	594948	20.405	ug/l	100
79) 2-Chlorotoluene	12.75	91	328261	20.291	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	415162	20.298	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	36108	20.167	ug/l #	76
82) 4-Chlorotoluene	12.85	91	340162	20.235	ug/l	99
83) tert-Butylbenzene	13.08	119	367266	20.683	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	418032	20.334	ug/l	99
85) sec-Butylbenzene	13.25	105	505664	20.472	ug/l	100
86) p-Isopropyltoluene	13.37	119	468486	20.279	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	240275	20.322	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	238183	20.432	ug/l	99
89) n-Butylbenzene	13.69	91	456865	20.926	ug/l	99
90) Hexachloroethane	13.96	117	89996	20.335	ug/l	98
91) 1,2-Dichlorobenzene	13.73	146	210617	20.180	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	16262	20.918	ug/l	98

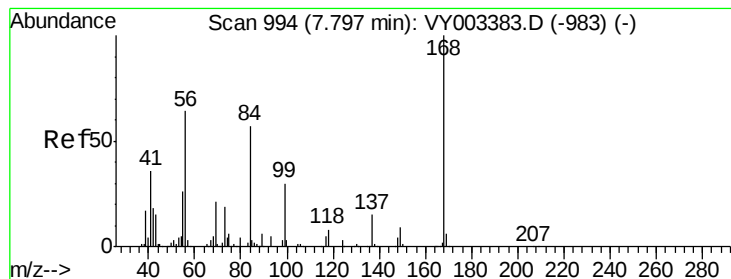
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	157793	21.334	ug/l	99
94) Hexachlorobutadiene	15.11	225	104784	21.392	ug/l	96
95) Naphthalene	15.23	128	260515	20.794	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	125539	20.980	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003388.D

Acq: 31 Jul 2020 14:46

Instrument :

MSVOA_Y

ClientSampleId :

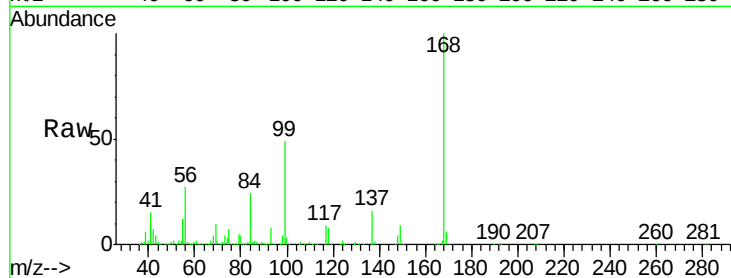
VY0731SBS01

Tot Ion:168 Resp: 522421

Ion Ratio Lower Upper

168 100

99 49.1 38.8 58.2



Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

7.80

250000

200000

150000

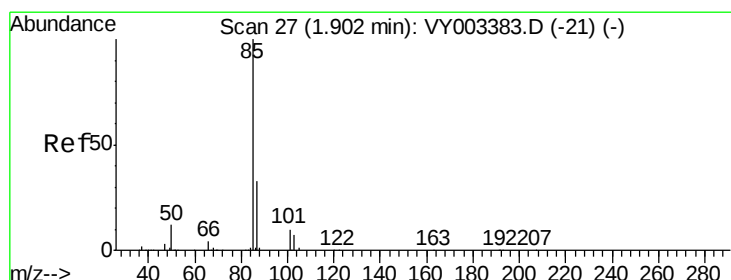
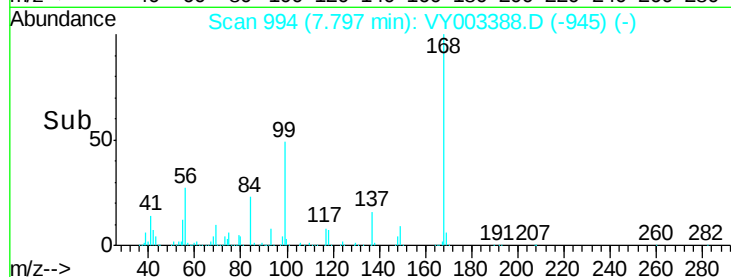
100000

50000

0

7.70 7.80 7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 21.025 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY003388.D

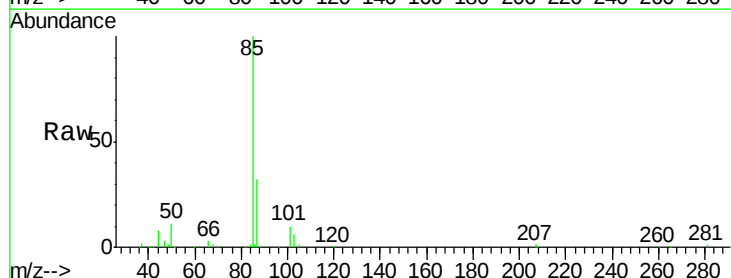
Acq: 31 Jul 2020 14:46

Tgt Ion: 85 Resp: 89940

Ion Ratio Lower Upper

85 100

87 31.7 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VY0

Ion 86.90 (86.60 to 87.60): VY0

1.91

60000

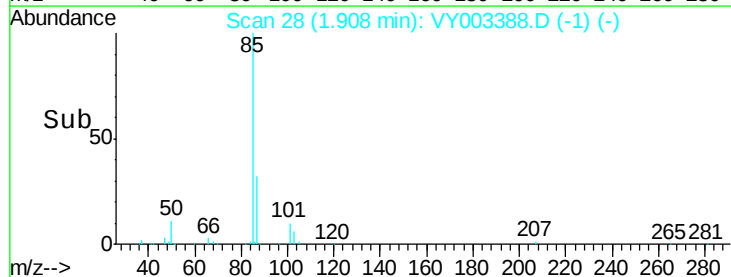
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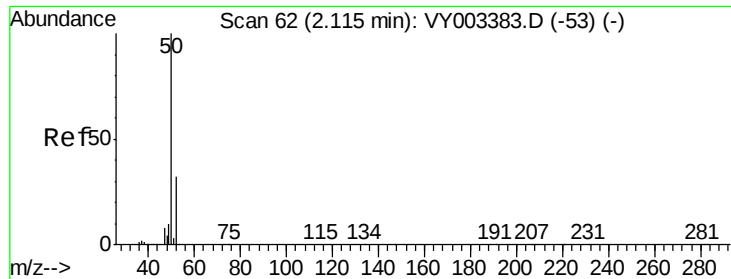
20000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 19.748 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003388.D

Acq: 31 Jul 2020 14:46

Instrument :

MSVOA_Y

ClientSampleId :

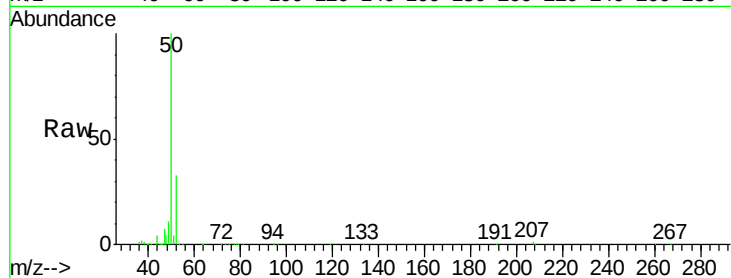
VY0731SBS01

Tot Ion: 50 Resp: 115699

Ion Ratio Lower Upper

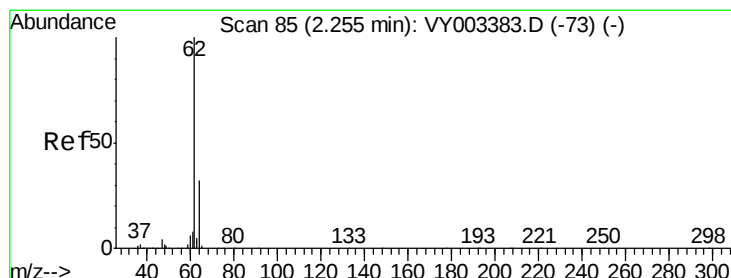
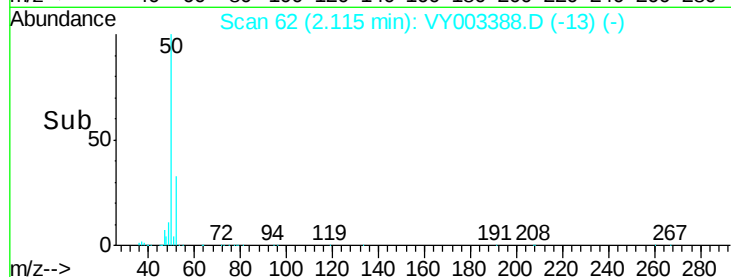
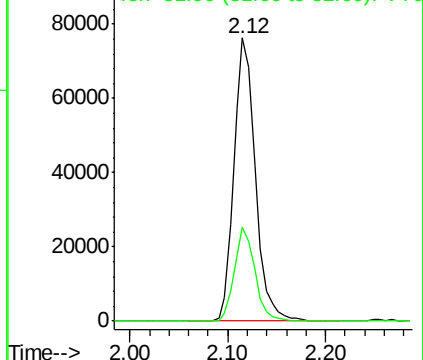
50 100

52 33.1 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 20.284 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.00 min

Lab File: VY003388.D

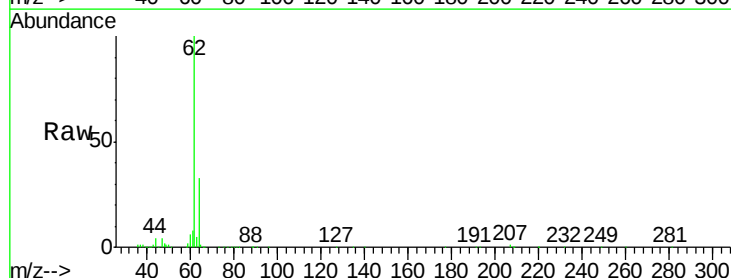
Acq: 31 Jul 2020 14:46

Tgt Ion: 62 Resp: 119300

Ion Ratio Lower Upper

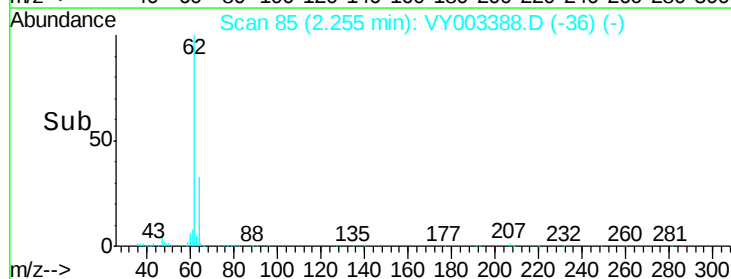
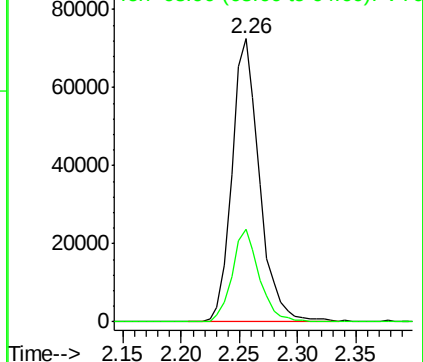
62 100

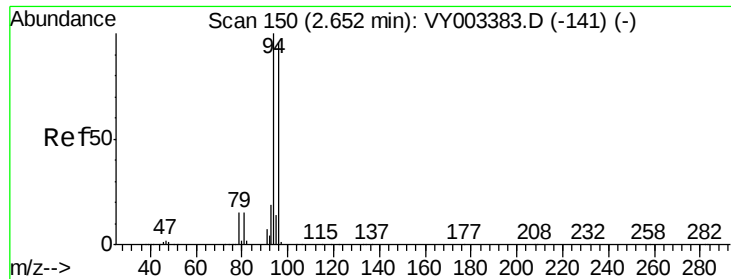
64 32.7 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 21.290 ug/l

RT: 2.64 min Scan# 148

Delta R.T. -0.01 min

Lab File: VY003388.D

Acq: 31 Jul 2020 14:46

Instrument :

MSVOA_Y

ClientSampleId :

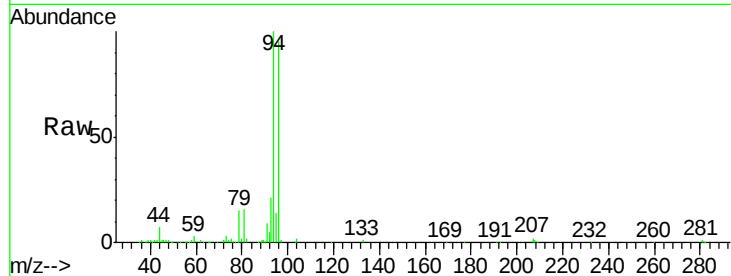
VY0731SBS01

Tot Ion: 94 Resp: 92500

Ion Ratio Lower Upper

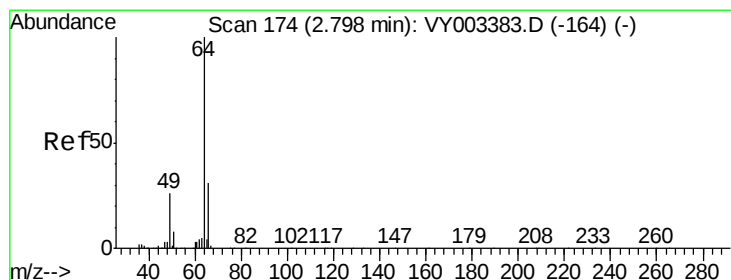
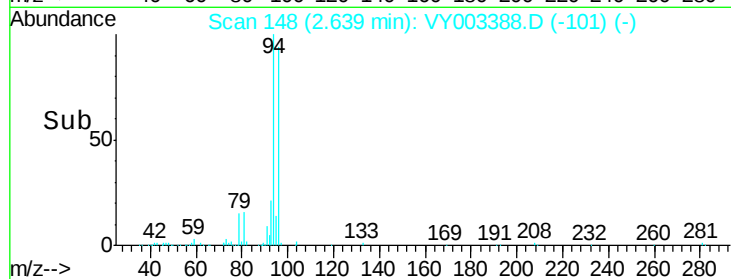
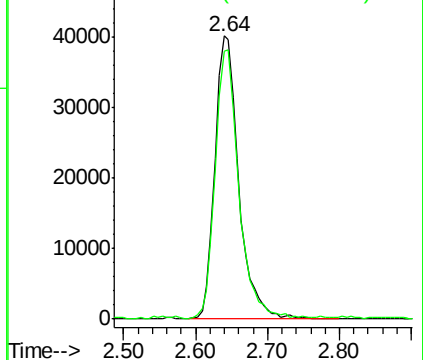
94 100

96 94.4 76.6 115.0



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 20.241 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.01 min

Lab File: VY003388.D

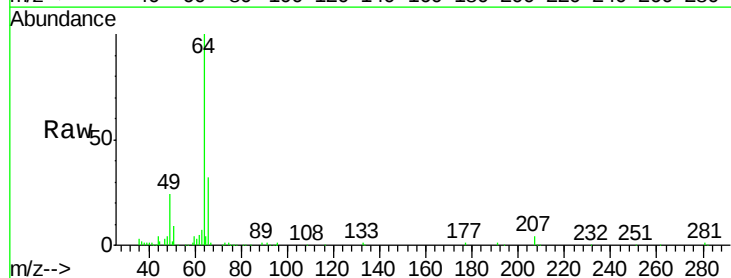
Acq: 31 Jul 2020 14:46

Tgt Ion: 64 Resp: 74673

Ion Ratio Lower Upper

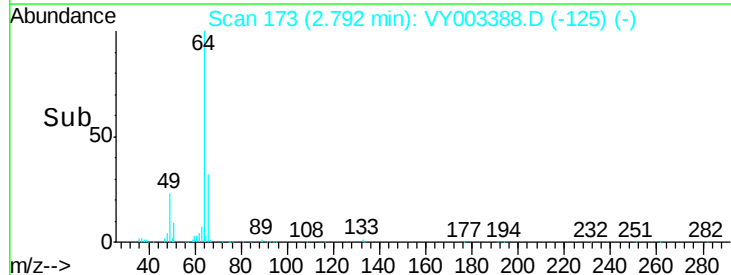
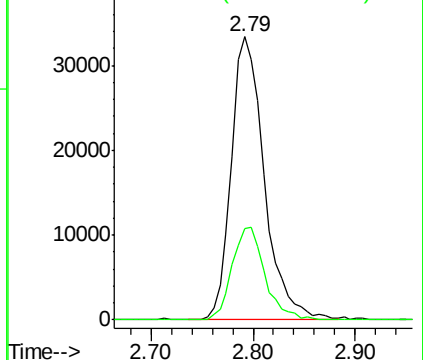
64 100

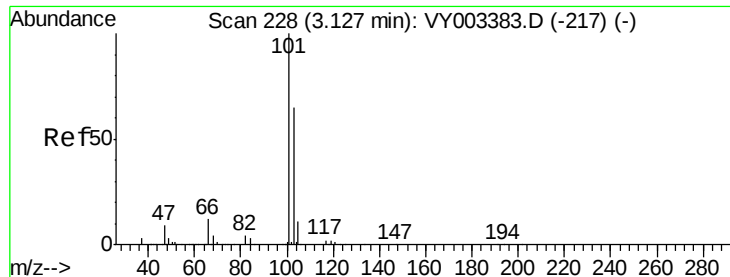
66 32.3 24.7 37.1



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



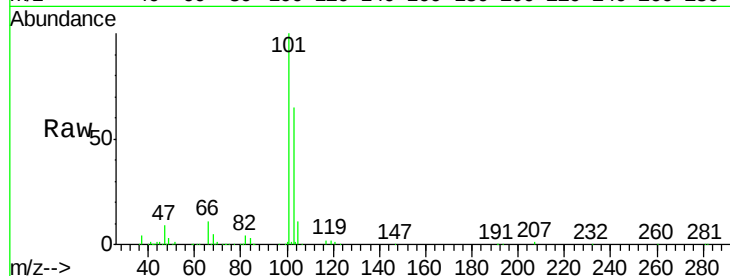


#7

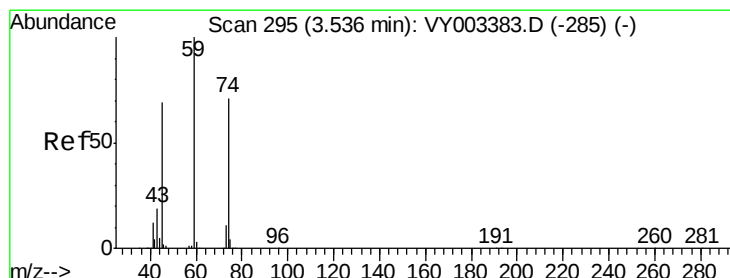
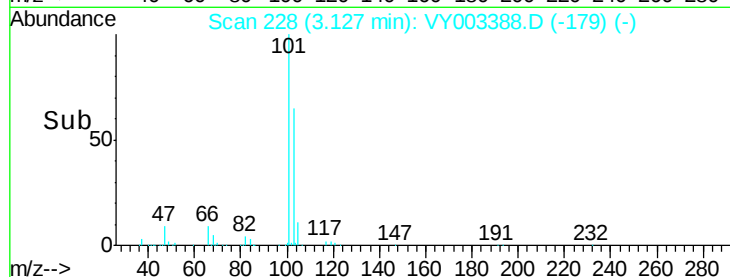
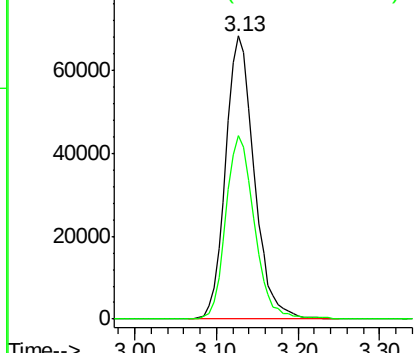
Trichlorofluoromethane
Concen: 20.822 ug/l
RT: 3.13 min Scan# 228
Delta R.T. -0.00 min
Lab File: VY003388.D
Acq: 31 Jul 2020 14:46

Instrument :
MSVOA_Y
ClientSampleId :
VY0731SBS01

Tot Ion:101 Resp: 165361
Ion Ratio Lower Upper
101 100
103 64.9 51.8 77.6



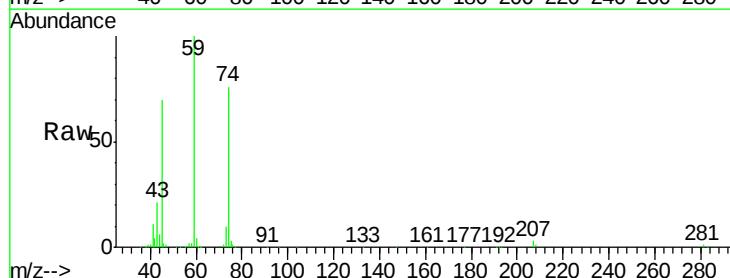
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



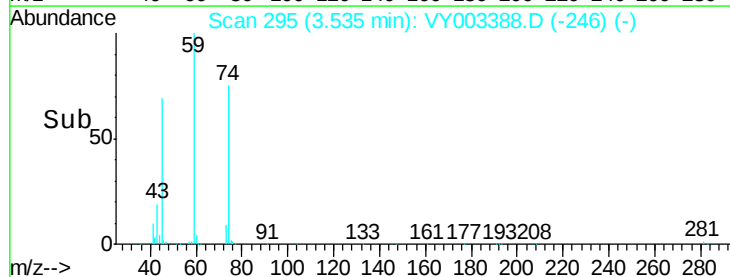
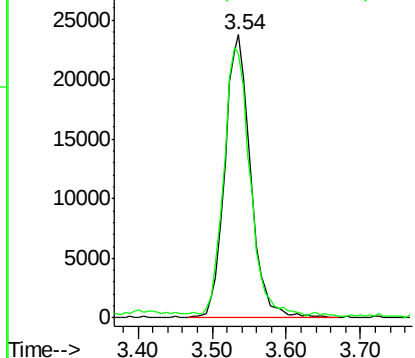
#8

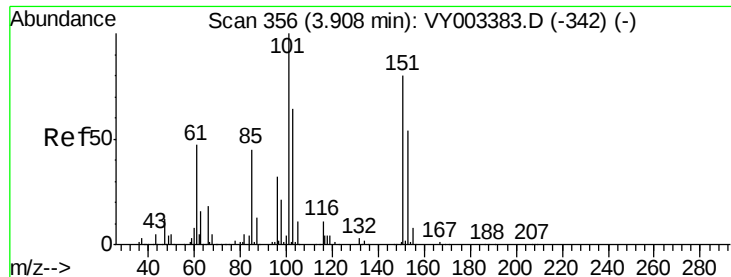
Diethyl Ether
Concen: 20.710 ug/l
RT: 3.54 min Scan# 295
Delta R.T. -0.00 min
Lab File: VY003388.D
Acq: 31 Jul 2020 14:46

Tgt Ion: 74 Resp: 57272
Ion Ratio Lower Upper
74 100
45 96.7 48.7 146.1



Abundance Ion 74.00 (73.70 to 74.70): VY0
Ion 45.00 (44.70 to 45.70): VY0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.703 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY003388.D

Acq: 31 Jul 2020 14:46

Instrument :

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ClientSampleId :

VY0731SBS01

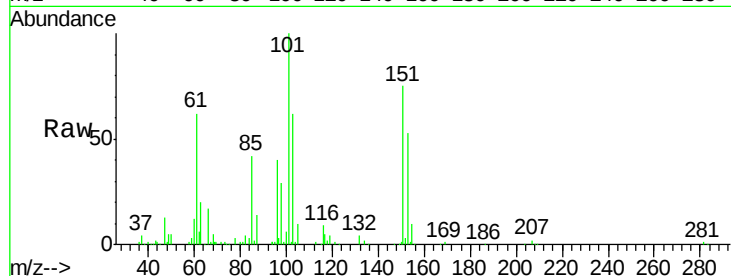
Tot Ion:101 Resp: 98209

Ion Ratio Lower Upper

101 100

85 43.4 35.7 53.5

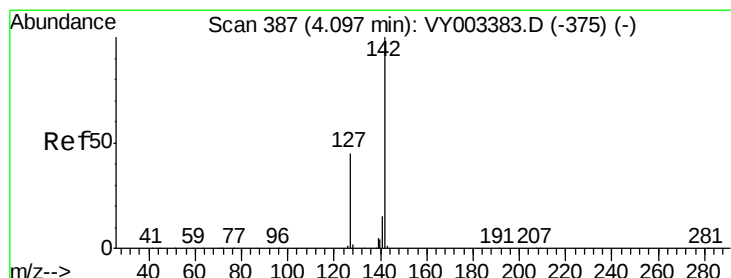
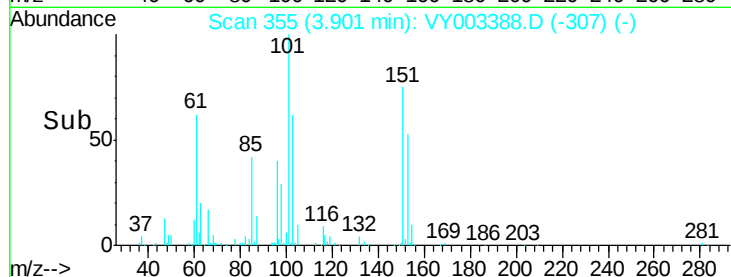
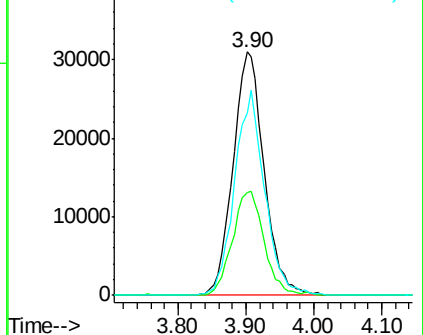
151 81.7 65.7 98.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.161 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.00 min

Lab File: VY003388.D

Acq: 31 Jul 2020 14:46

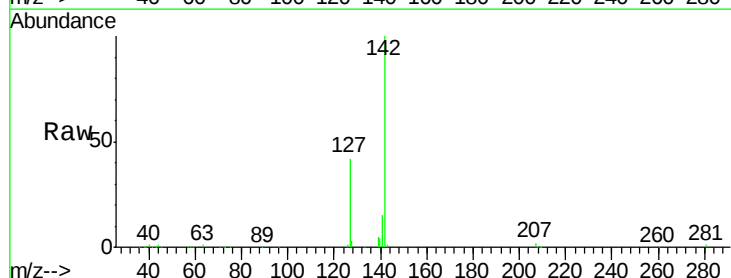
Tgt Ion:142 Resp: 105521

Ion Ratio Lower Upper

142 100

127 43.0 34.6 52.0

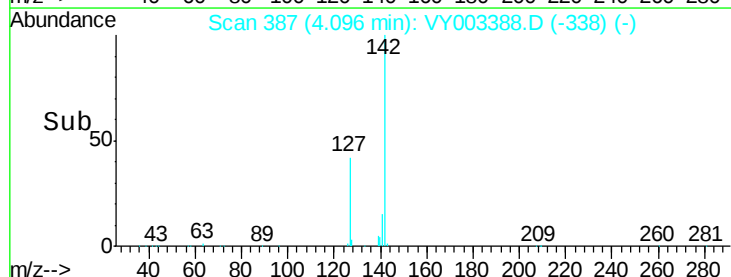
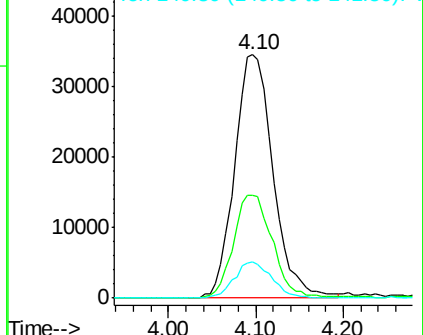
141 15.0 11.4 17.0

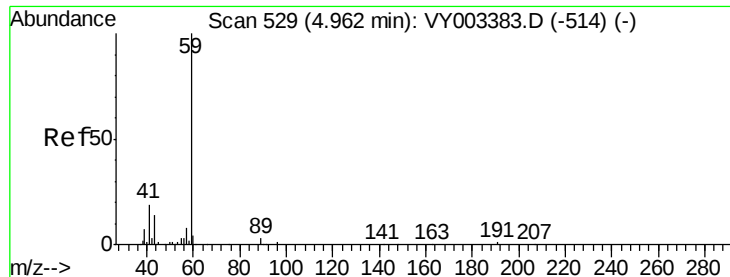


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

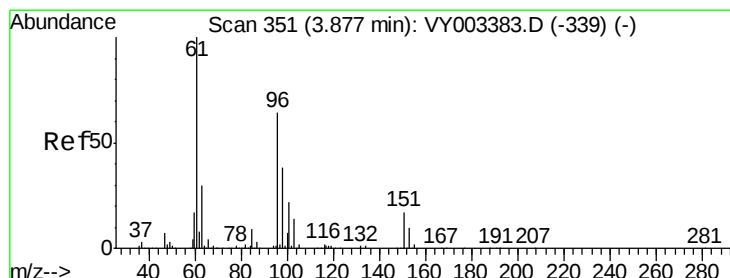
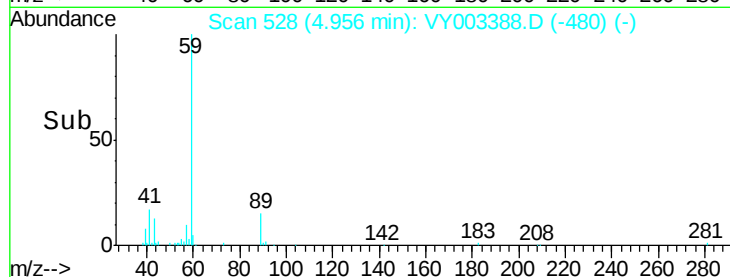
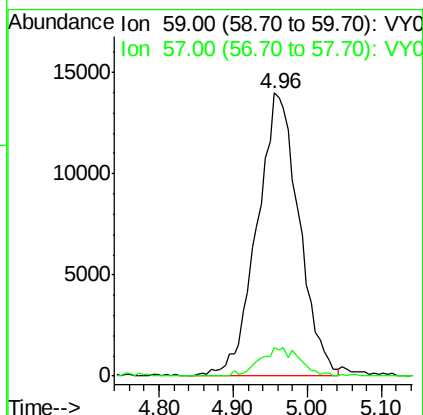
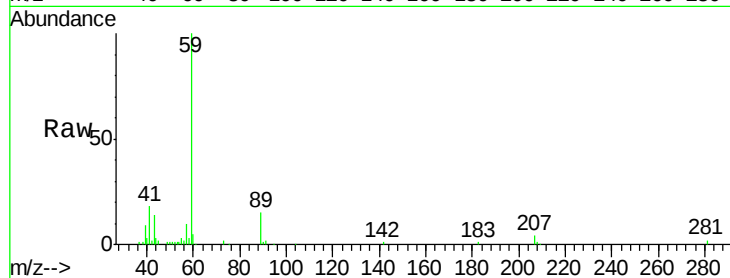




#11
Tert butyl alcohol
Concen: 108.592 ug/l
RT: 4.96 min Scan# 528
Delta R.T. -0.01 min
Lab File: VY003388.D
Acq: 31 Jul 2020 14:46

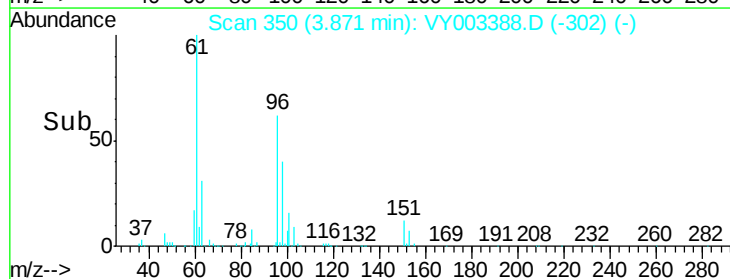
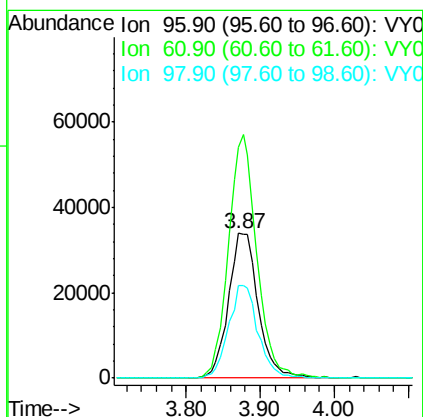
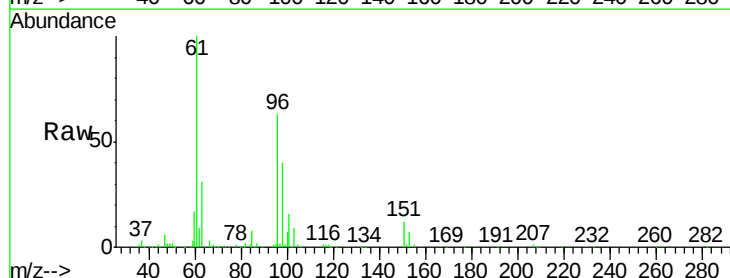
Instrument :
MSVOA_Y
ClientSampleId :
VY0731SBS01

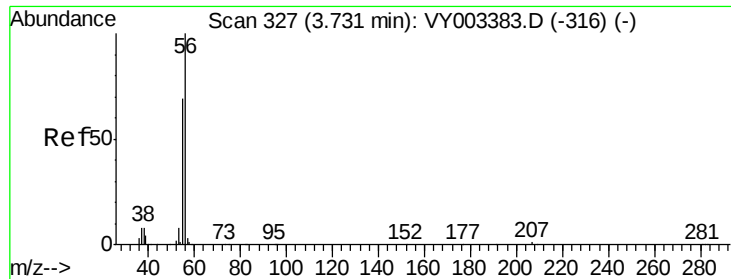
Tot Ion: 59 Resp: 55091
Ion Ratio Lower Upper
59 100
57 9.5 8.0 12.0



#12
1,1-Dichloroethene
Concen: 20.653 ug/l
RT: 3.87 min Scan# 350
Delta R.T. -0.01 min
Lab File: VY003388.D
Acq: 31 Jul 2020 14:46

Tgt Ion: 96 Resp: 95039
Ion Ratio Lower Upper
96 100
61 159.6 124.7 187.1
98 64.3 47.4 71.2

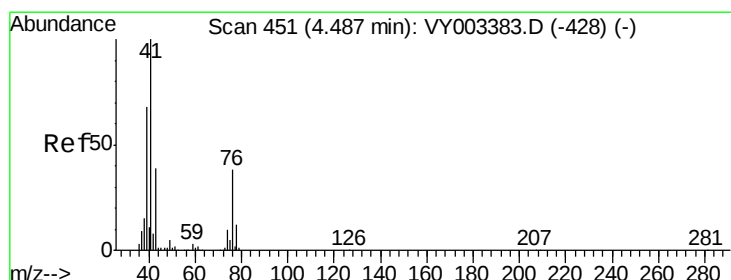
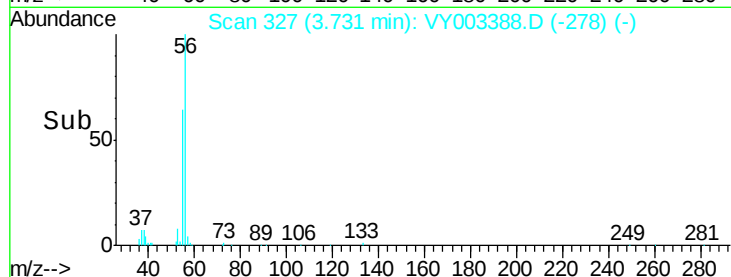
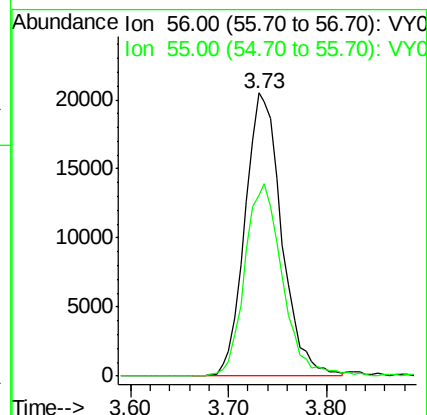
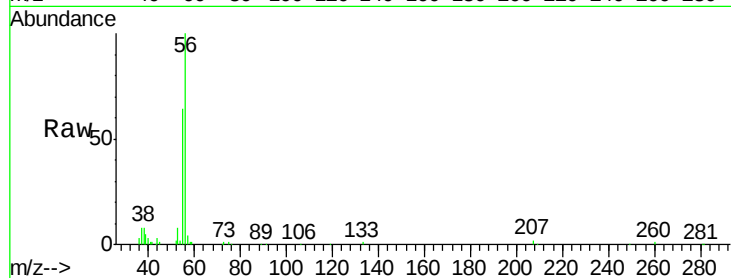




#13
Acrolein
Concen: 101.887 ug/l
RT: 3.73 min Scan# 327
Delta R.T. -0.00 min
Lab File: VY003388.D
Acq: 31 Jul 2020 14:46

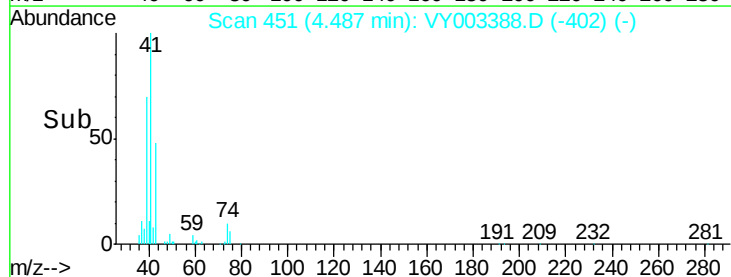
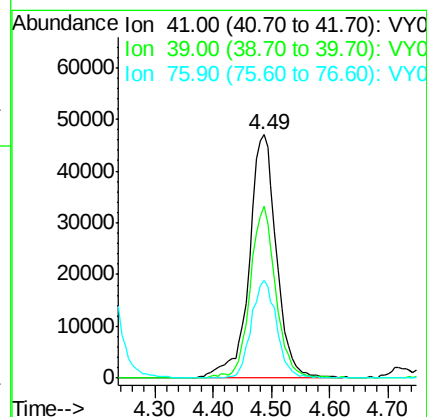
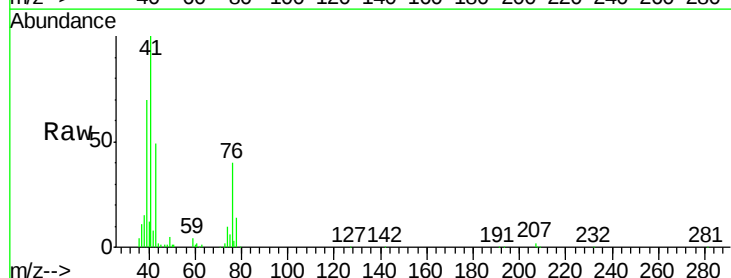
Instrument :
MSVOA_Y
ClientSampleId :
VY0731SBS01

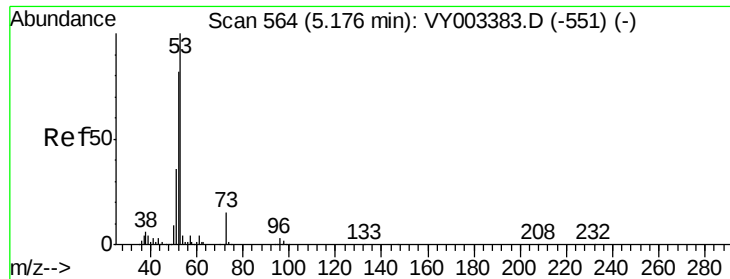
Tot Ion: 56 Resp: 53266
Ion Ratio Lower Upper
56 100
55 69.6 55.5 83.3



#14
Allyl chloride
Concen: 19.779 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.00 min
Lab File: VY003388.D
Acq: 31 Jul 2020 14:46

Tgt Ion: 41 Resp: 152450
Ion Ratio Lower Upper
41 100
39 65.8 52.7 79.1
76 37.0 29.8 44.6

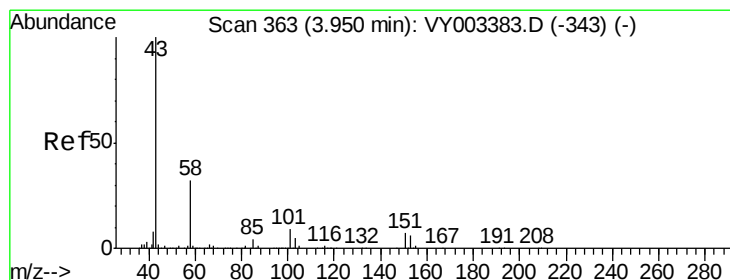
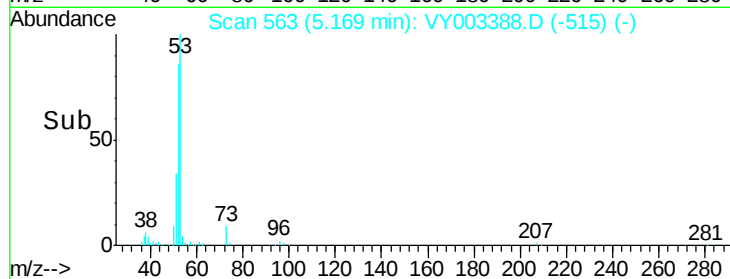
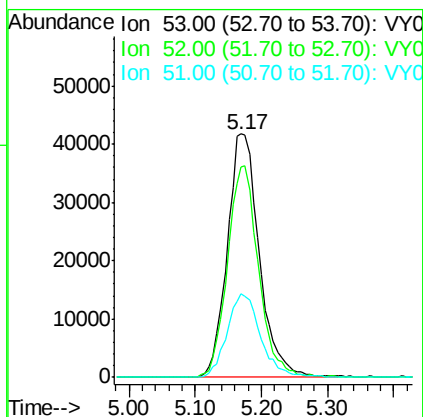
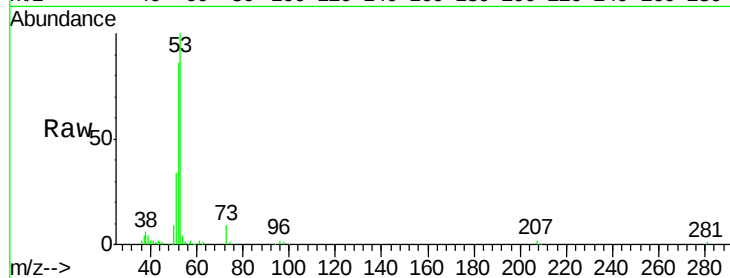




#15
 Acrylonitrile
 Concen: 102.214 ug/l
 RT: 5.17 min Scan# 563
 Delta R.T. -0.01 min
 Lab File: VY003388.D
 Acq: 31 Jul 2020 14:46

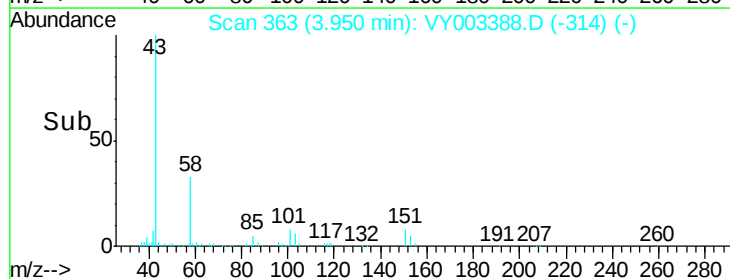
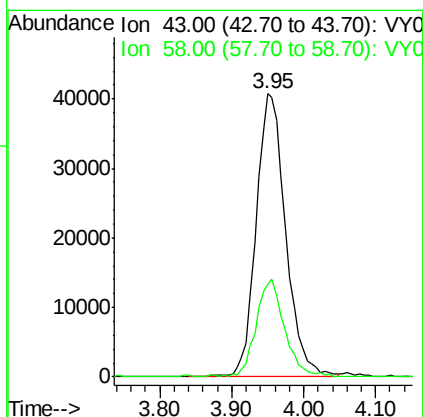
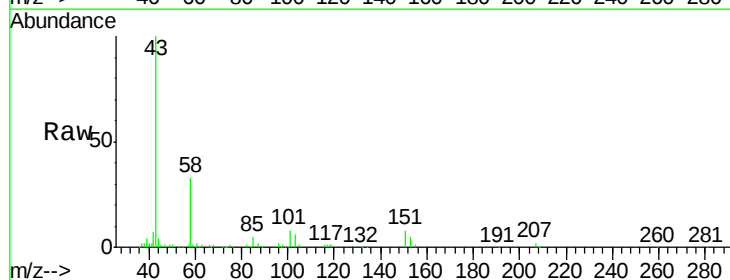
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0731SBS01

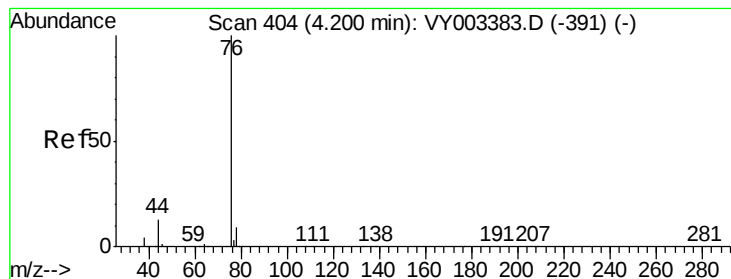
Tot Ion: 53 Resp: 140248
 Ion Ratio Lower Upper
 53 100
 52 84.2 67.0 100.6
 51 35.9 29.3 43.9



#16
 Acetone
 Concen: 94.628 ug/l
 RT: 3.95 min Scan# 363
 Delta R.T. -0.00 min
 Lab File: VY003388.D
 Acq: 31 Jul 2020 14:46

Tgt Ion: 43 Resp: 116136
 Ion Ratio Lower Upper
 43 100
 58 32.4 25.4 38.2





#17

Carbon Disulfide

Concen: 20.509 ug/l

RT: 4.20 min Scan# 404

Delta R.T. -0.00 min

Lab File: VY003388.D

Acq: 31 Jul 2020 14:46

Instrument :

MSVOA_Y

ClientSampleId :

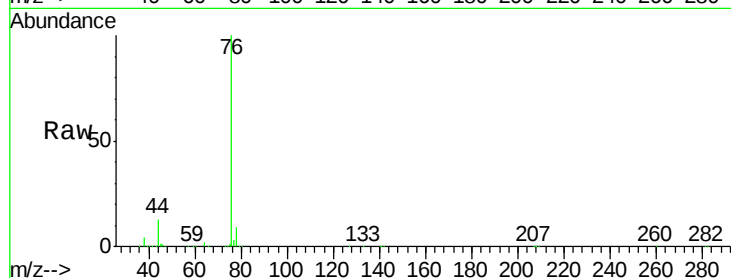
VY0731SBS01

Tot Ion: 76 Resp: 307669

Ion Ratio Lower Upper

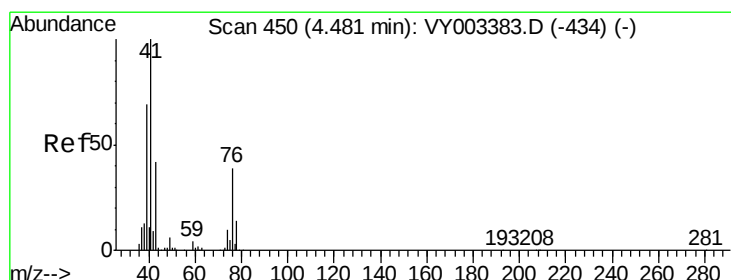
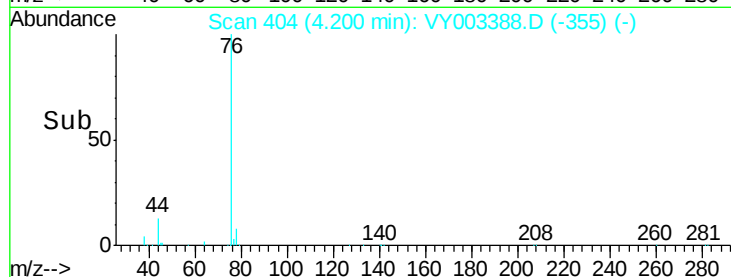
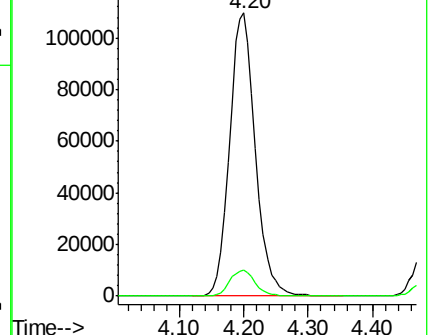
76 100

78 9.3 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 20.363 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY003388.D

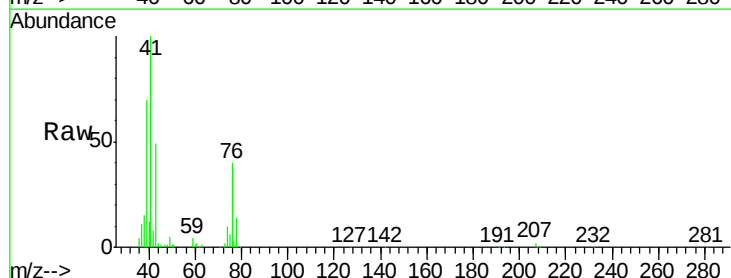
Acq: 31 Jul 2020 14:46

Tgt Ion: 43 Resp: 65936

Ion Ratio Lower Upper

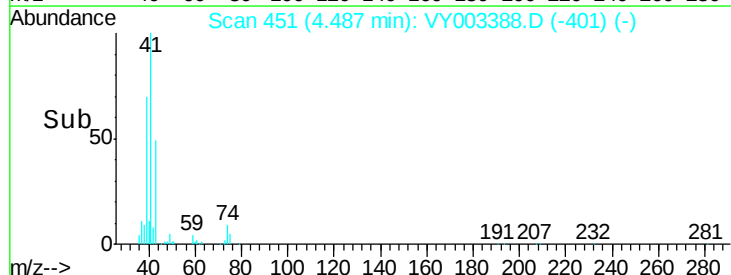
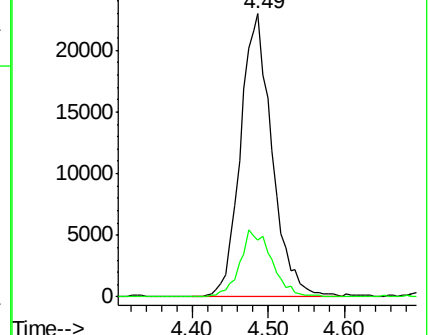
43 100

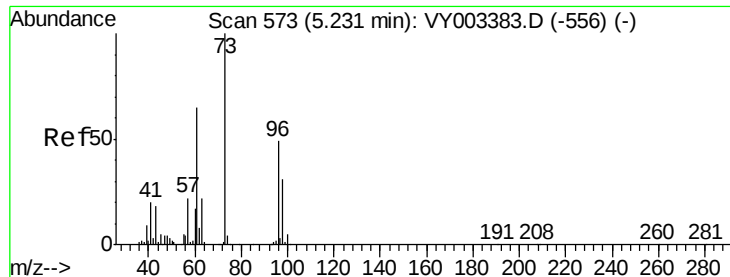
74 23.7 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

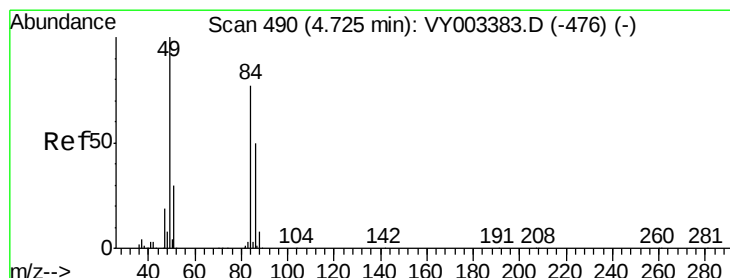
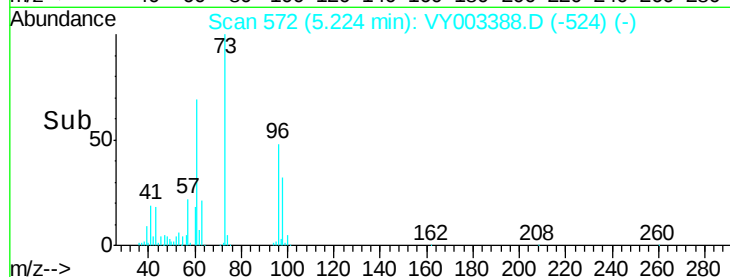
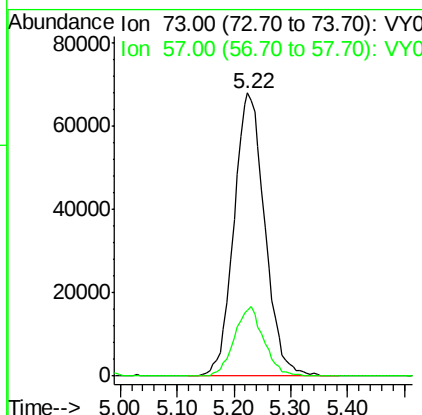
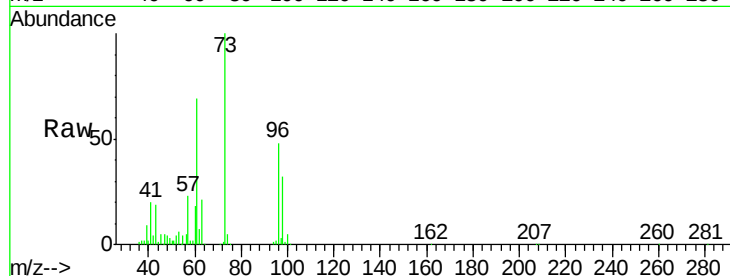




#19
Methvl tert-butvl Ether
Concen: 20.094 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY003388.D
Acq: 31 Jul 2020 14:46

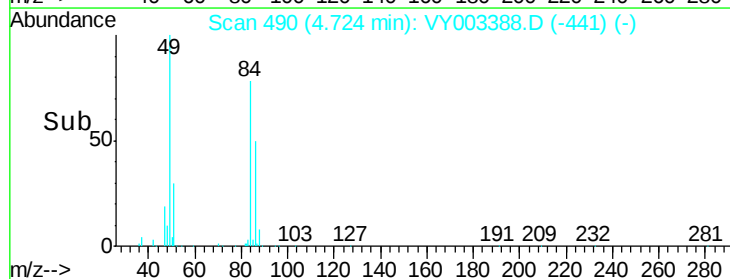
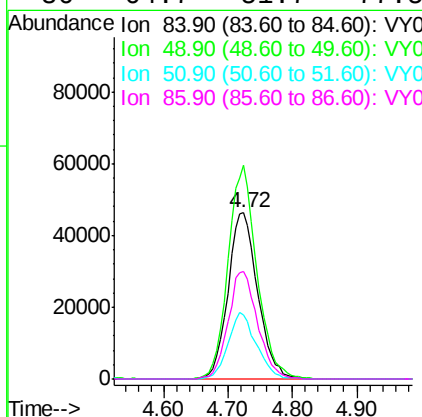
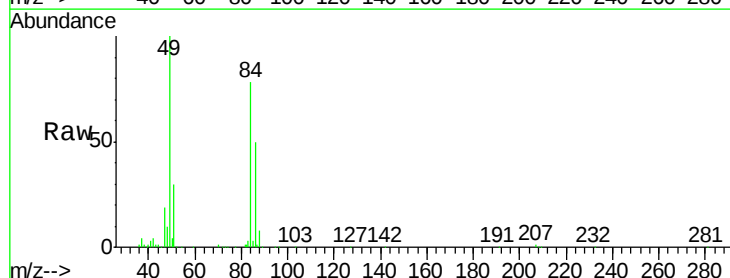
Instrument :
MSVOA_Y
ClientSampleId :
VY0731SBS01

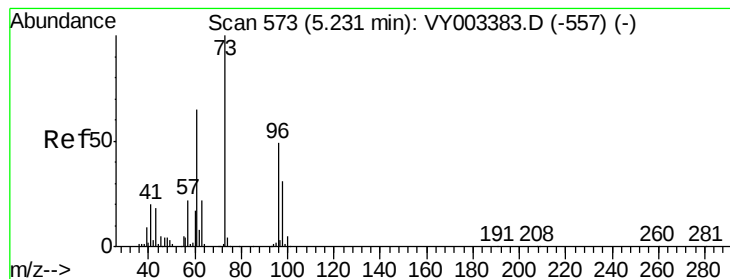
Tot Ion: 73 Resp: 255618
Ion Ratio Lower Upper
73 100
57 23.4 17.8 26.8



#20
Methylene Chloride
Concen: 18.603 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003388.D
Acq: 31 Jul 2020 14:46

Tgt Ion: 84 Resp: 148907
Ion Ratio Lower Upper
84 100
49 128.5 104.2 156.4
51 38.7 31.5 47.3
86 64.7 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 20.186 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.01 min

Lab File: VY003388.D

Acq: 31 Jul 2020 14:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0731SBS01

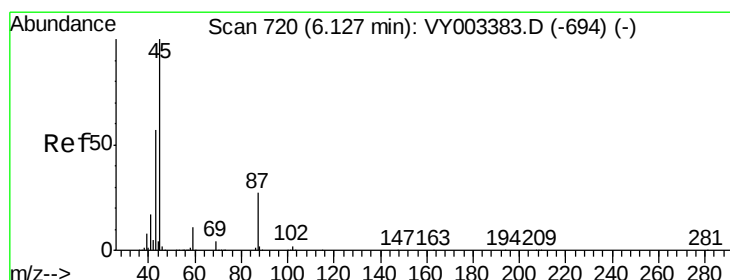
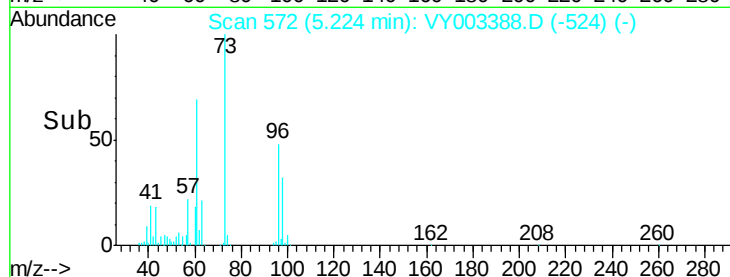
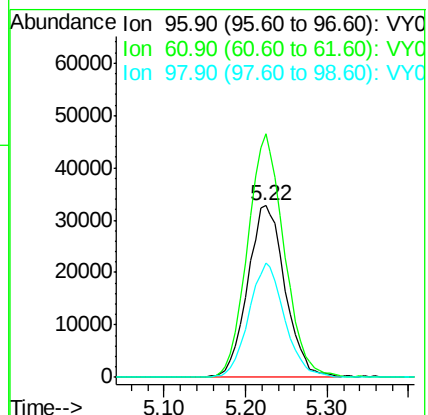
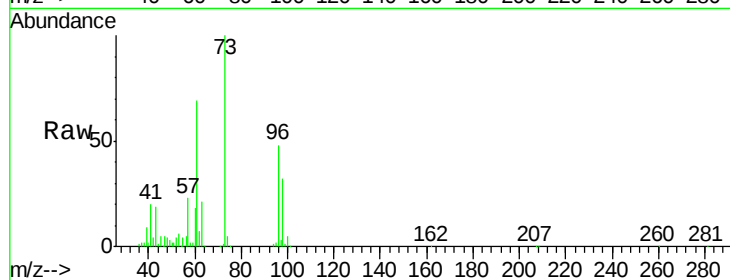
Tot Ion: 96 Resp: 105015

Ion Ratio Lower Upper

96 100

61 141.8 106.3 159.5

98 66.8 50.8 76.2



#22

Diisopropyl ether

Concen: 20.052 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.00 min

Lab File: VY003388.D

Acq: 31 Jul 2020 14:46

Tgt Ion: 45 Resp: 324716

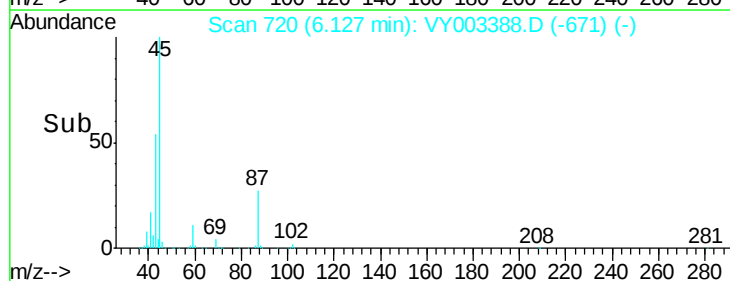
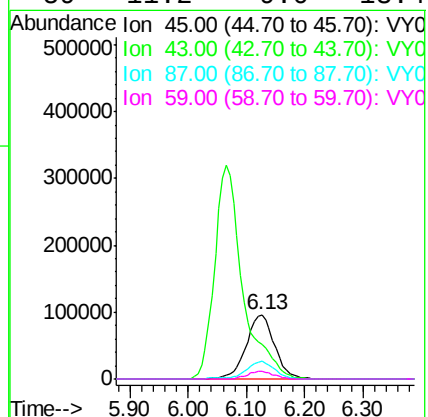
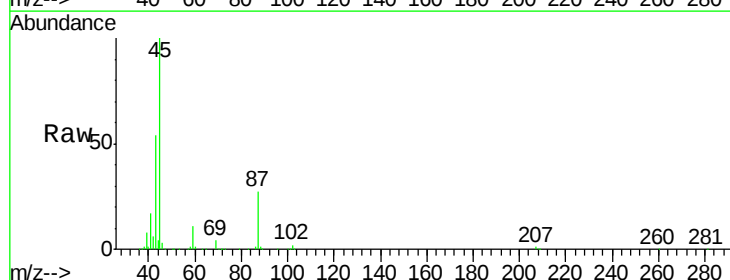
Ion Ratio Lower Upper

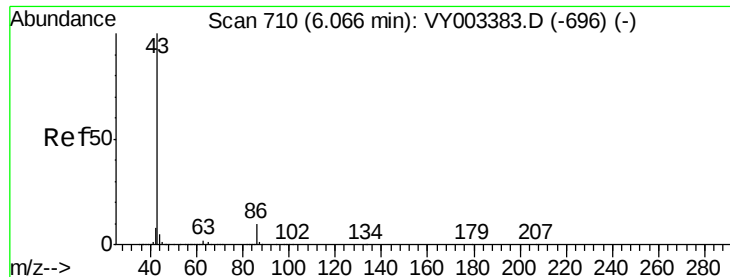
45 100

43 53.7 45.6 68.4

87 27.2 21.3 31.9

59 11.2 9.0 13.4





#23

Vinyl Acetate

Concen: 100.581 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.00 min

Lab File: VY003388.D

Acq: 31 Jul 2020 14:46

Instrument :

MSVOA_Y

ClientSampleId :

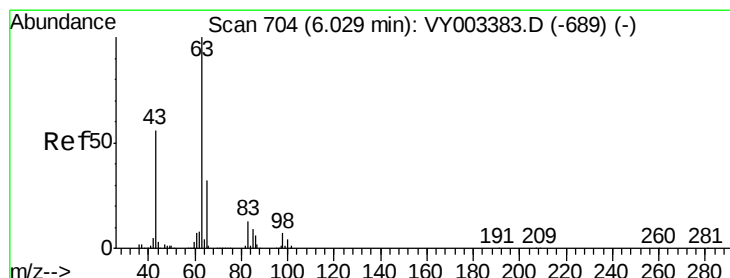
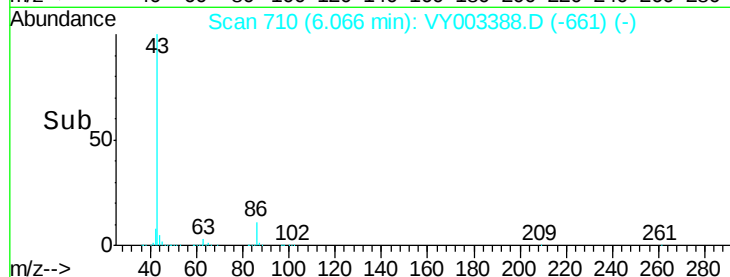
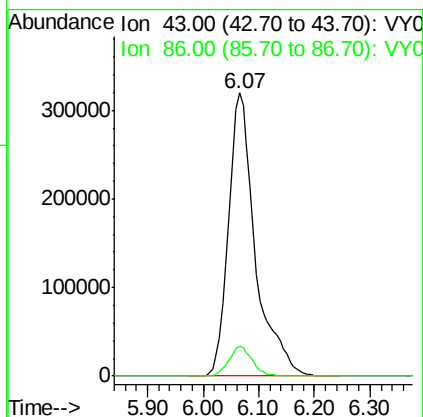
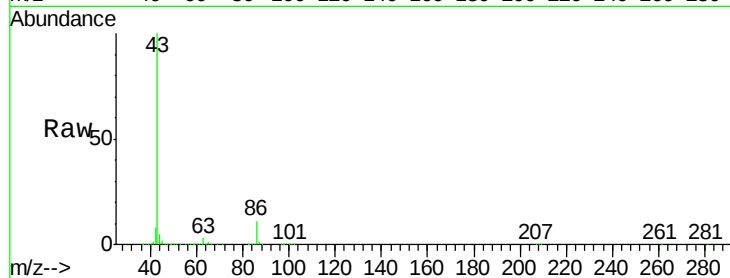
VY0731SBS01

Tot Ion: 43 Resp: 1067028

Ion Ratio Lower Upper

43 100

86 10.7 8.0 12.0



#24

1,1-Dichloroethane

Concen: 20.126 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY003388.D

Acq: 31 Jul 2020 14:46

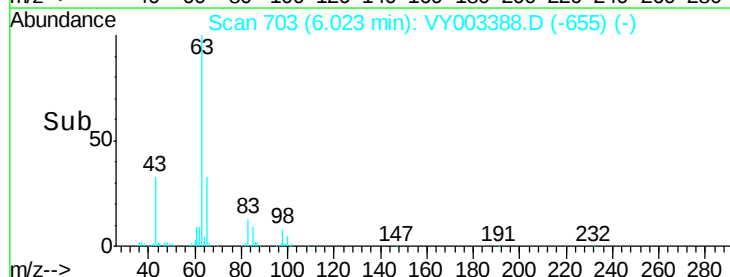
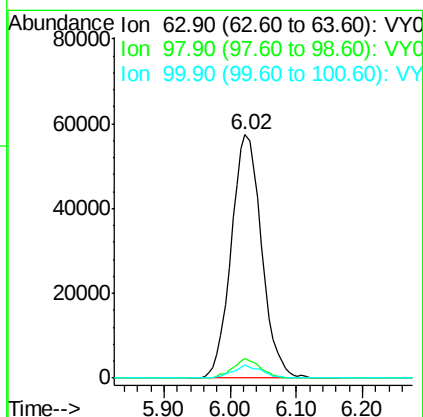
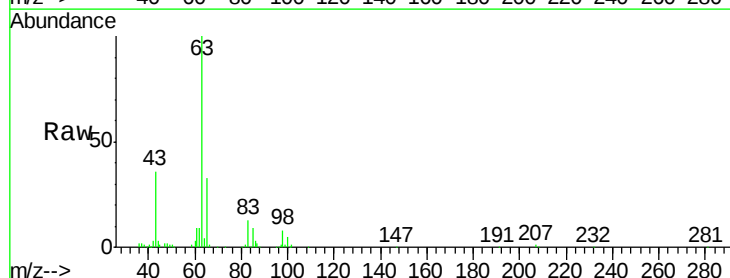
Tgt Ion: 63 Resp: 182638

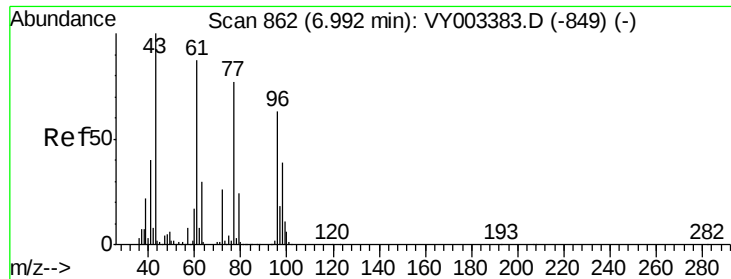
Ion Ratio Lower Upper

63 100

98 7.9 3.5 10.6

100 5.3 2.2 6.6

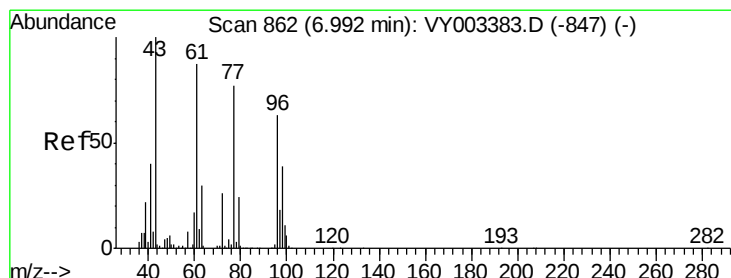
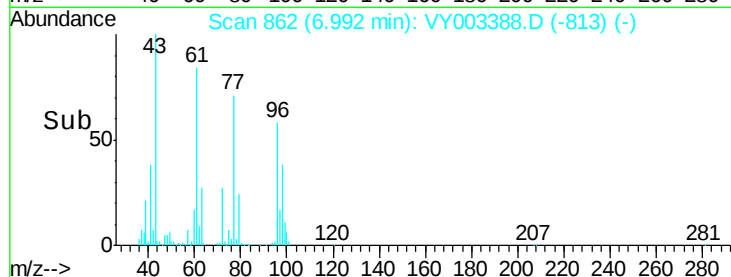
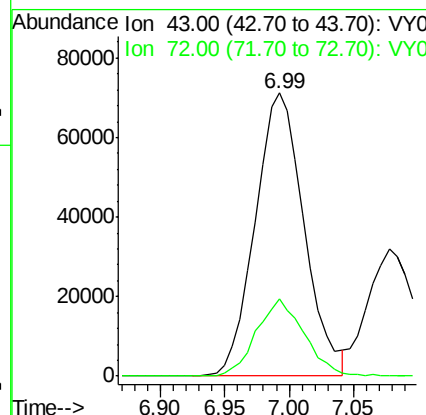
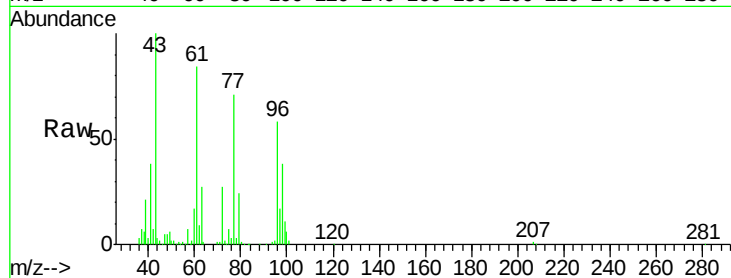




#25
2-Butanone
Concen: 100.125 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY003388.D
Acq: 31 Jul 2020 14:46

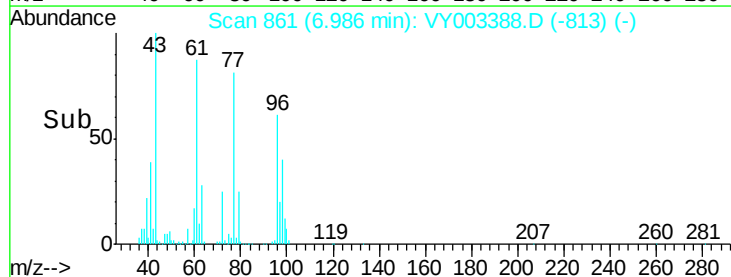
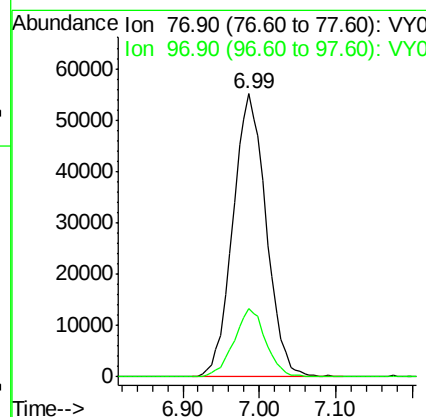
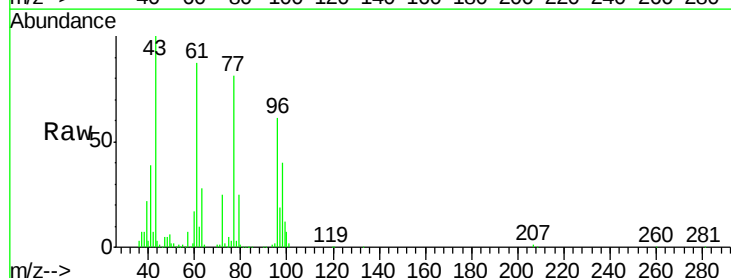
Instrument :
MSVOA_Y
ClientSampleId :
VY0731SBS01

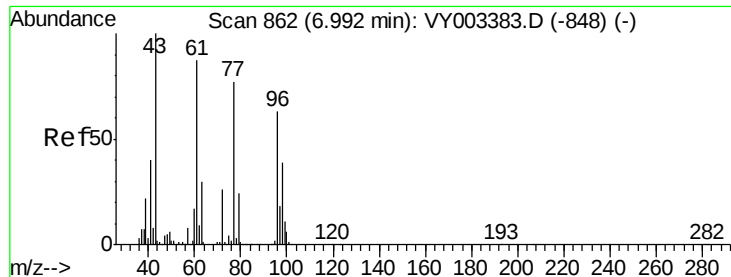
Tot Ion: 43 Resp: 187264
Ion Ratio Lower Upper
43 100
72 27.4 21.1 31.7



#26
2,2-Dichloropropane
Concen: 20.537 ug/l
RT: 6.99 min Scan# 861
Delta R.T. -0.01 min
Lab File: VY003388.D
Acq: 31 Jul 2020 14:46

Tgt Ion: 77 Resp: 166298
Ion Ratio Lower Upper
77 100
97 23.0 11.3 33.8



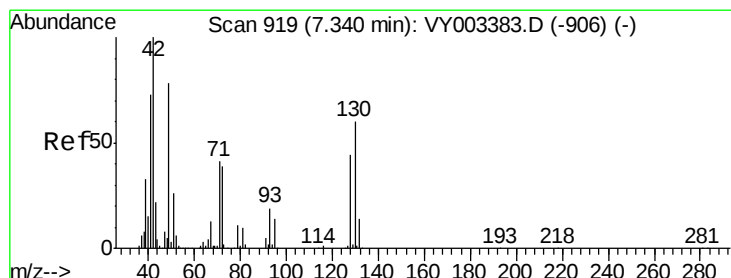
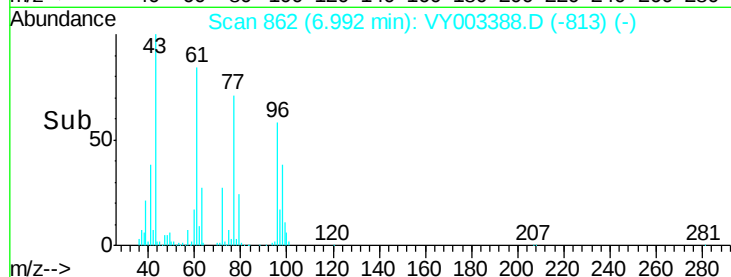
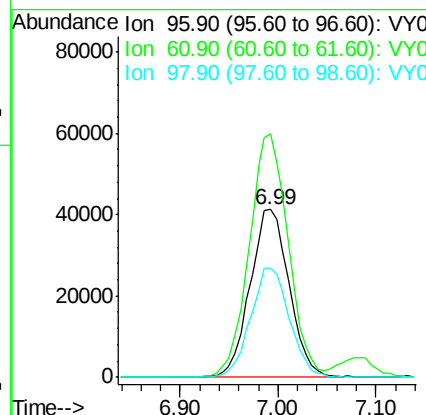
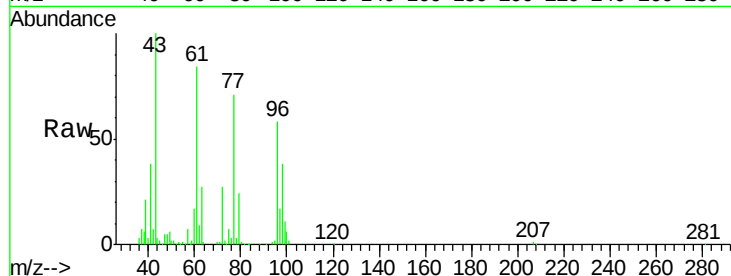


#27

cis-1,2-Dichloroethene
 Concen: 19.944 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.00 min
 Lab File: VY003388.D
 Acq: 31 Jul 2020 14:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0731SBS01

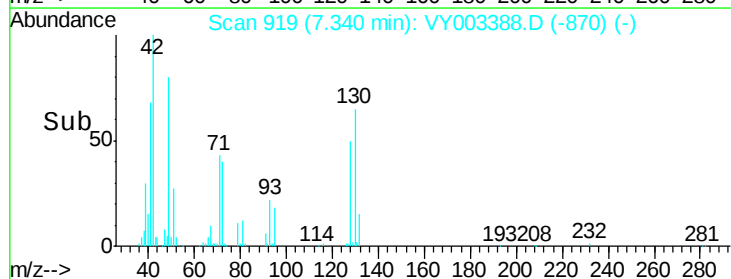
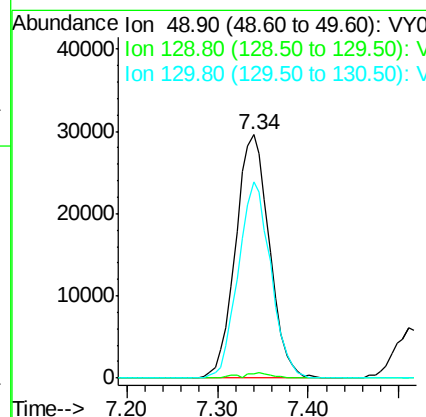
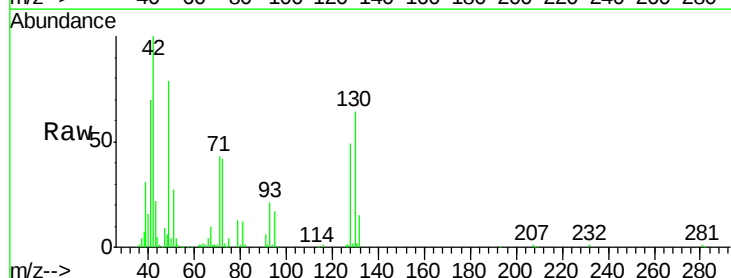
Tot Ion	Ratio	Lower	Upper
96	100		
61	145.1	0.0	290.0
98	65.1	0.0	129.0

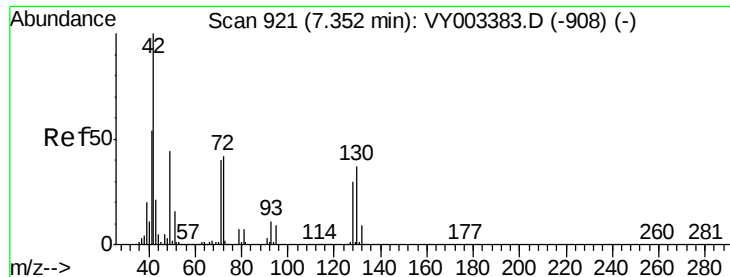


#28

Bromochloromethane
 Concen: 21.700 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: VY003388.D
 Acq: 31 Jul 2020 14:46

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.4
130	77.6	60.3	90.5





#29

Tetrahydrofuran

Concen: 101.136 ug/l

RT: 7.35 min Scan# 921

Delta R.T. -0.00 min

Lab File: VY003388.D

Acq: 31 Jul 2020 14:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0731SBS01

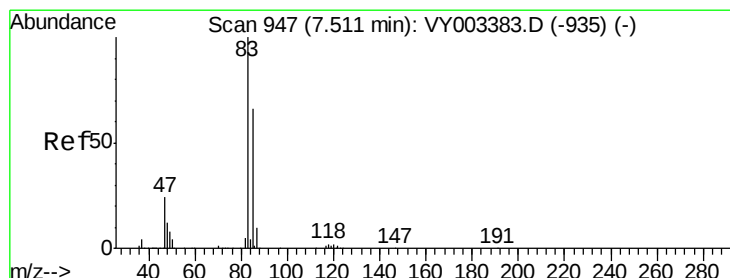
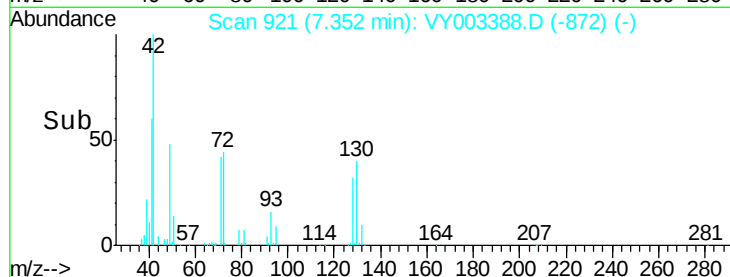
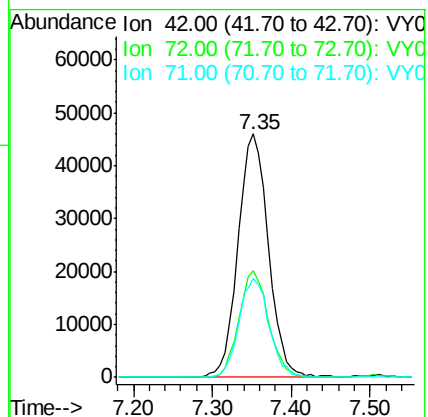
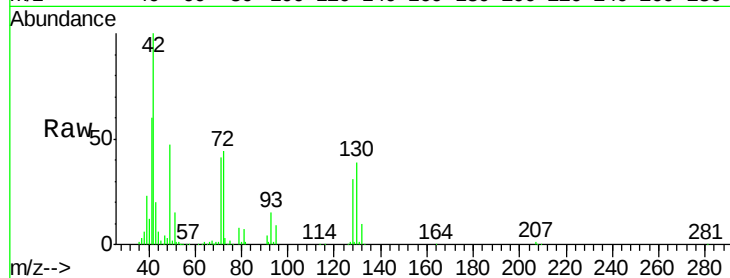
Tot Ion: 42 Resp: 123413

Ion Ratio Lower Upper

42 100

72 42.7 33.5 50.3

71 40.3 32.1 48.1



#30

Chloroform

Concen: 20.529 ug/l

RT: 7.51 min Scan# 947

Delta R.T. -0.00 min

Lab File: VY003388.D

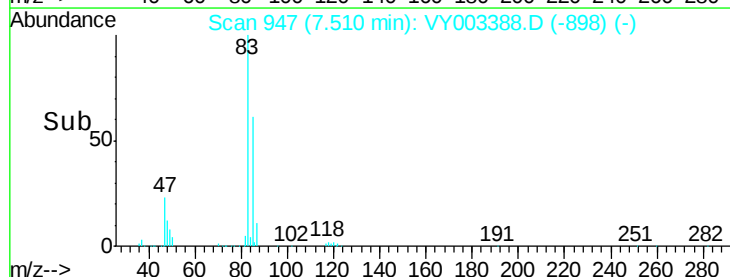
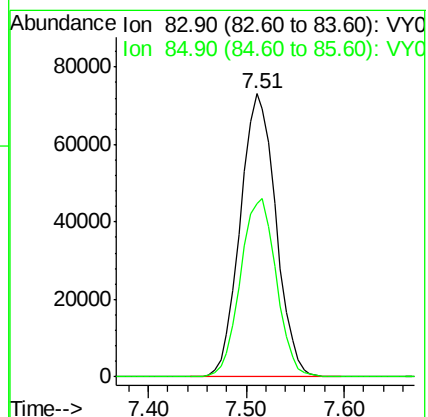
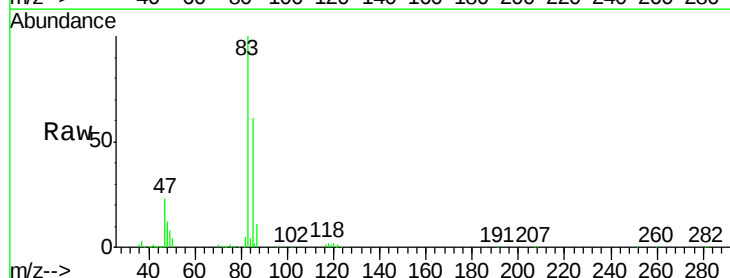
Acq: 31 Jul 2020 14:46

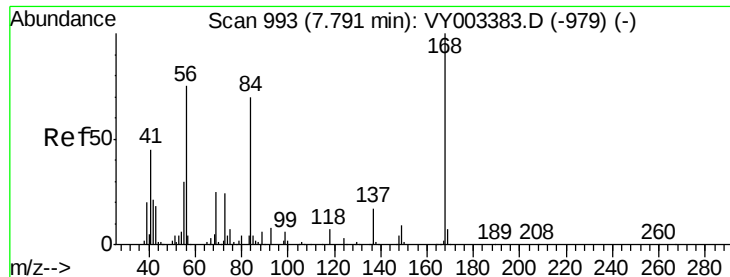
Tgt Ion: 83 Resp: 184782

Ion Ratio Lower Upper

83 100

85 61.1 52.5 78.7

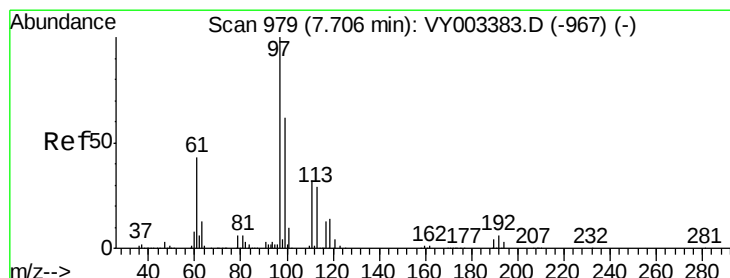
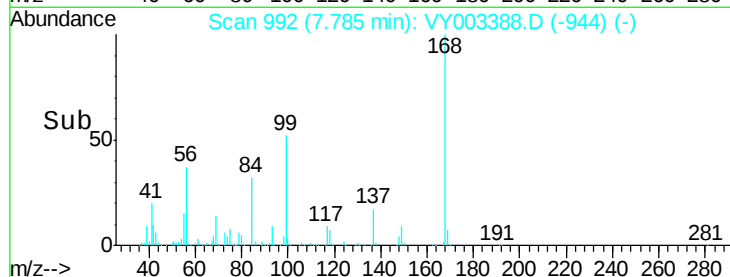
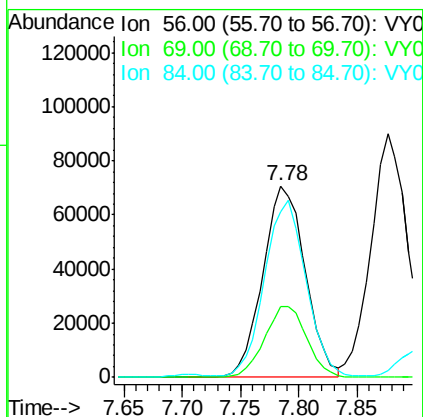
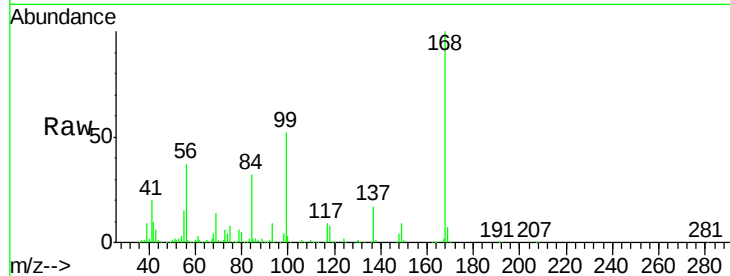




#31
Cyclohexane
Concen: 20.293 ug/l
RT: 7.78 min Scan# 992
Delta R.T. -0.01 min
Lab File: VY003388.D
Acq: 31 Jul 2020 14:46

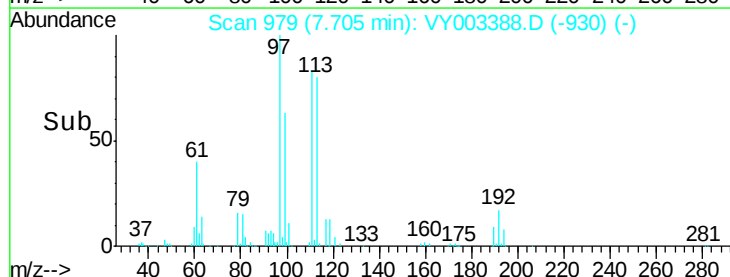
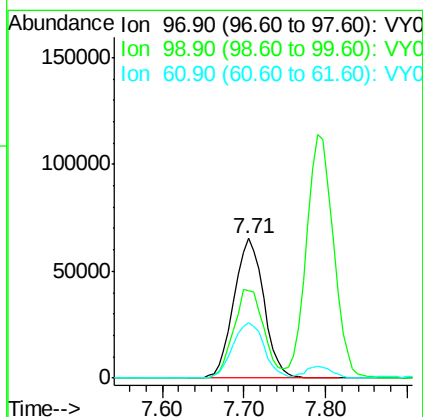
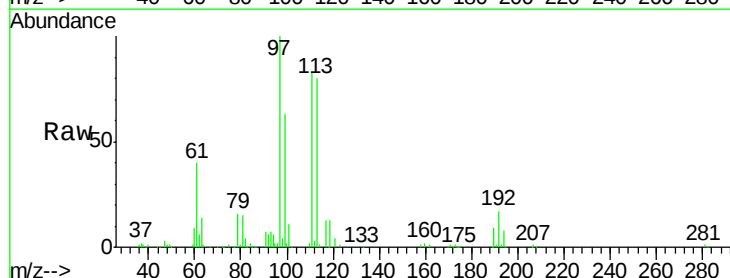
Instrument :
MSVOA_Y
ClientSampleId :
VY0731SBS01

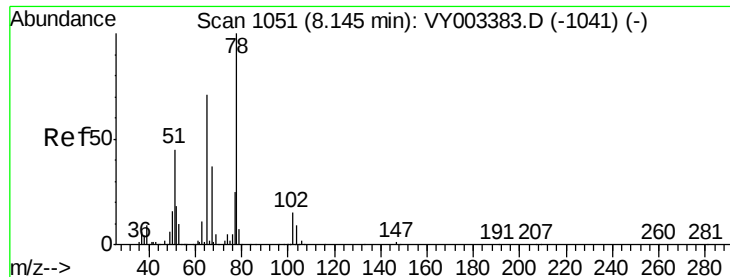
Tot Ion: 56 Resp: 178681
Ion Ratio Lower Upper
56 100
69 36.8 26.1 39.1
84 85.1 73.9 110.9



#32
1,1,1-Trichloroethane
Concen: 20.239 ug/l
RT: 7.71 min Scan# 979
Delta R.T. -0.00 min
Lab File: VY003388.D
Acq: 31 Jul 2020 14:46

Tgt Ion: 97 Resp: 166211
Ion Ratio Lower Upper
97 100
99 64.2 50.9 76.3
61 41.5 33.7 50.5

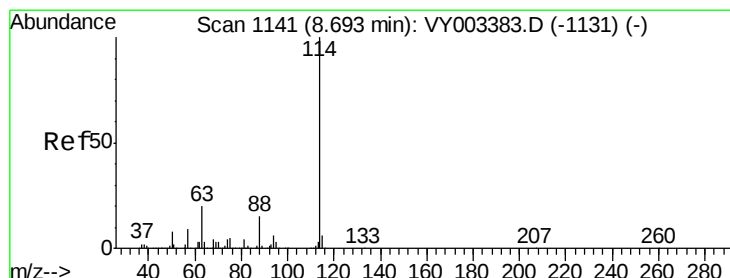
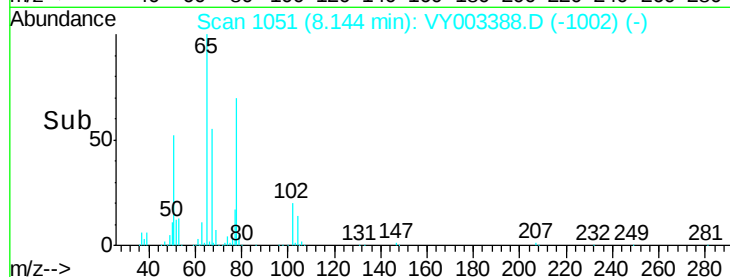
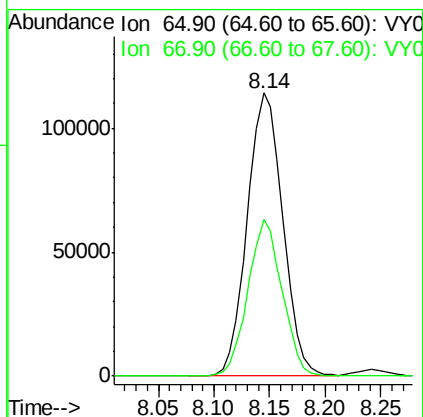
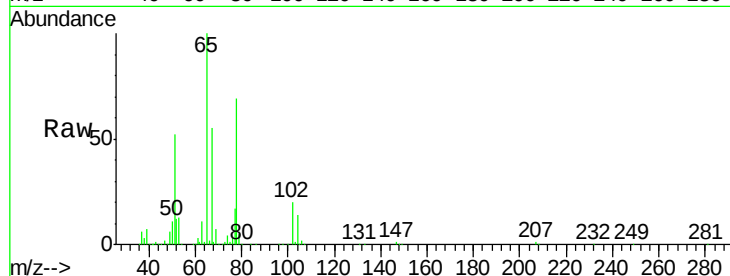




#33
 1,2-Dichloroethane-d4
 Concen: 51.222 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VY003388.D
 Acq: 31 Jul 2020 14:46

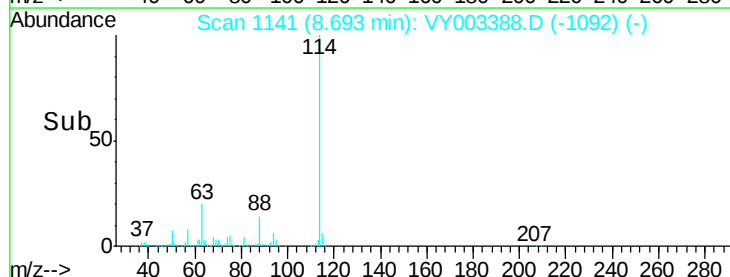
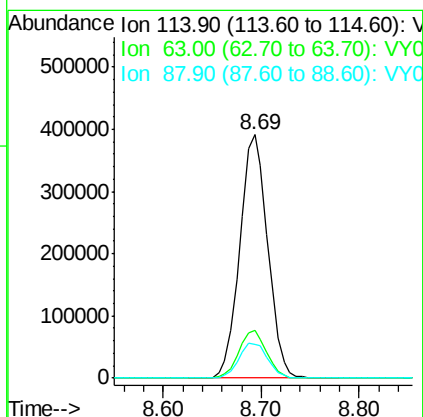
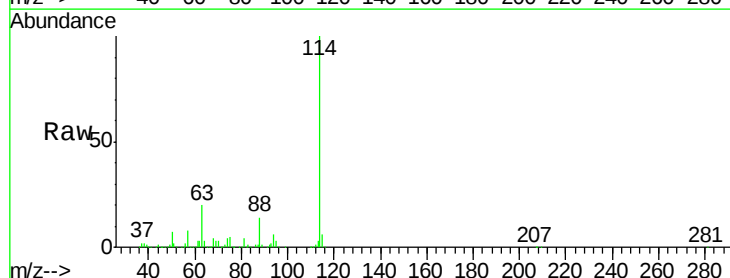
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0731SBS01

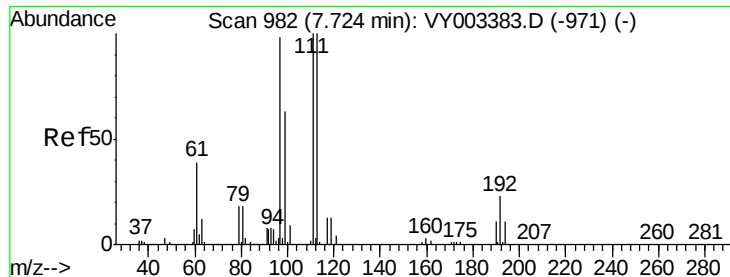
Tot Ion: 65 Resp: 254432
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003388.D
 Acq: 31 Jul 2020 14:46

Tgt Ion: 114 Resp: 773318
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 40.6
 88 14.1 0.0 29.2

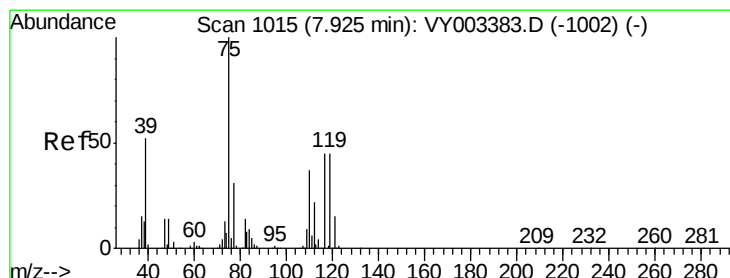
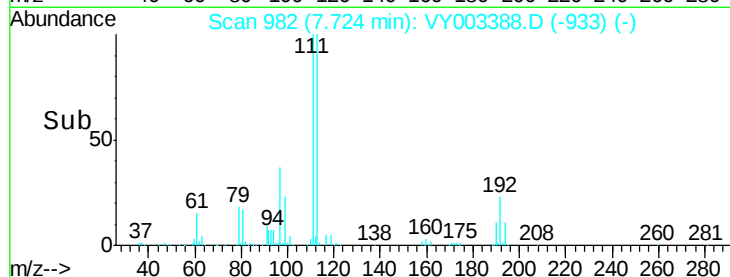
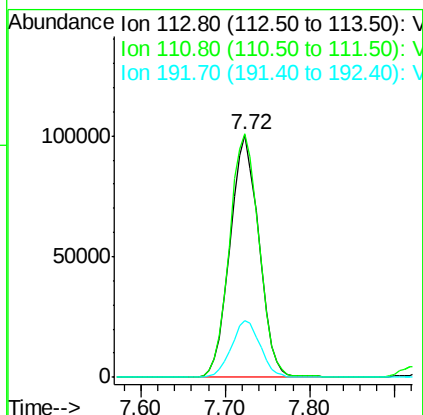
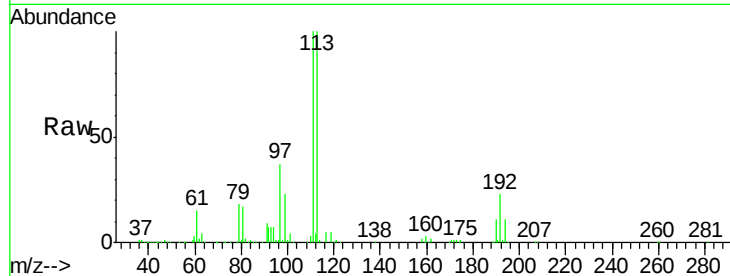




#35
 Dibromofluoromethane
 Concen: 51.285 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY003388.D
 Acq: 31 Jul 2020 14:46

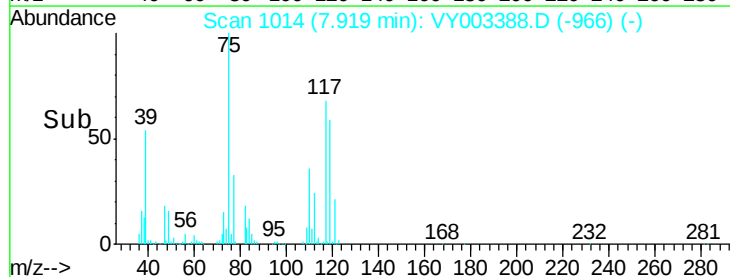
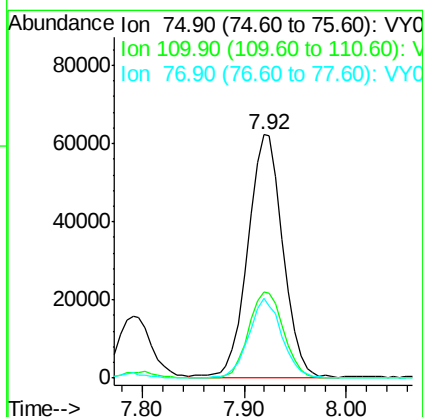
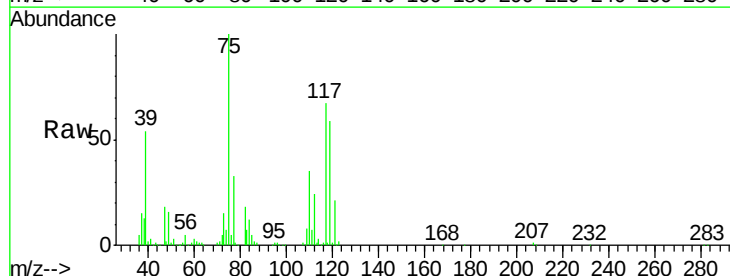
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0731SBS01

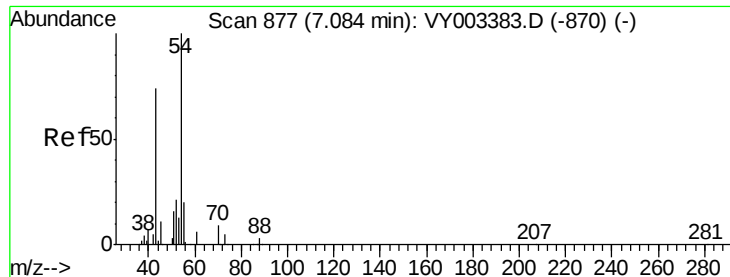
Tot Ion:113 Resp: 233621
 Ion Ratio Lower Upper
 113 100
 111 102.9 83.0 124.4
 192 23.4 18.8 28.2



#36
 1,1-Dichloropropene
 Concen: 20.184 ug/l
 RT: 7.92 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: VY003388.D
 Acq: 31 Jul 2020 14:46

Tgt Ion: 75 Resp: 147703
 Ion Ratio Lower Upper
 75 100
 110 35.6 17.8 53.5
 77 31.5 24.6 36.8

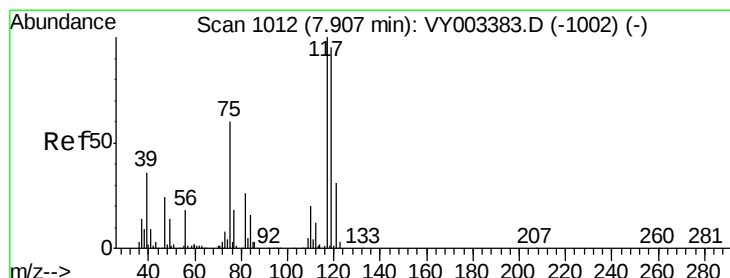
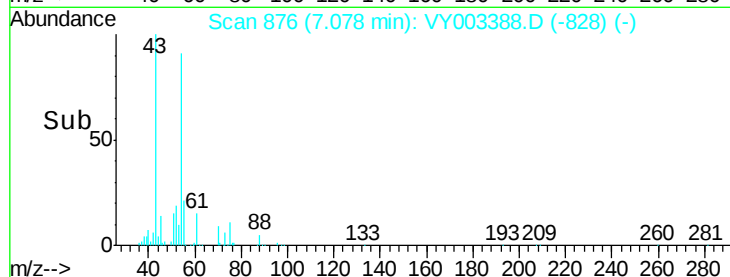
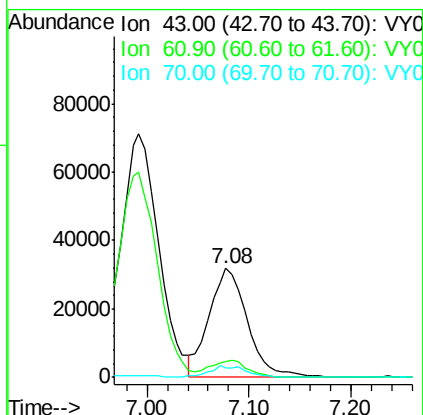
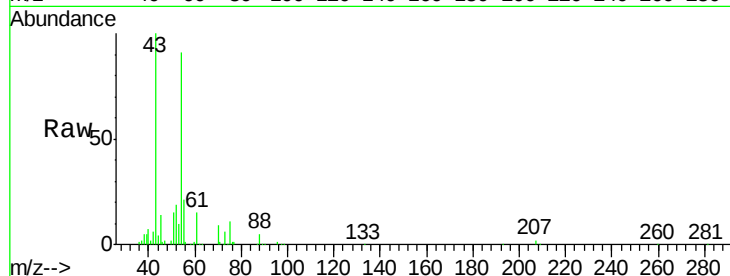




#37
Ethyl Acetate
Concen: 19.750 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY003388.D
Acq: 31 Jul 2020 14:46

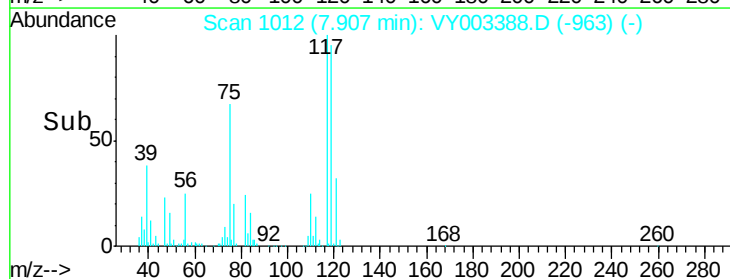
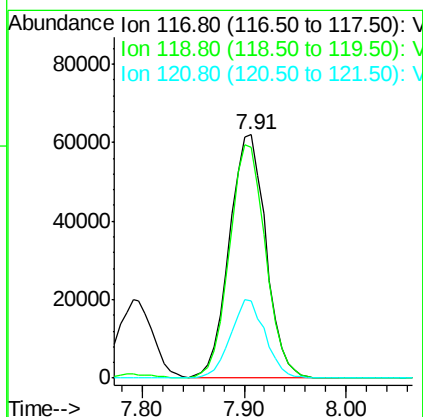
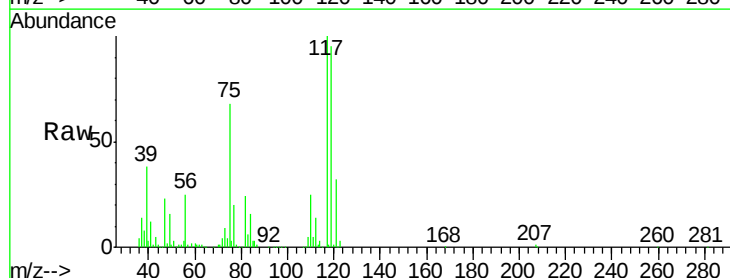
Instrument :
MSVOA_Y
ClientSampleId :
VY0731SBS01

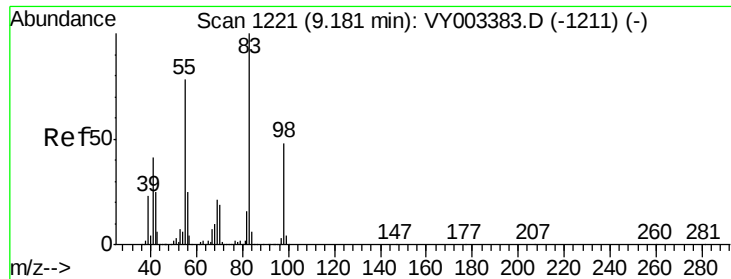
Tot Ion: 43 Resp: 82184
Ion Ratio Lower Upper
43 100
61 15.2 11.2 16.8
70 10.3 7.7 11.5



#38
Carbon Tetrachloride
Concen: 20.473 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VY003388.D
Acq: 31 Jul 2020 14:46

Tgt Ion: 117 Resp: 154167
Ion Ratio Lower Upper
117 100
119 94.9 76.1 114.1
121 31.8 24.5 36.7

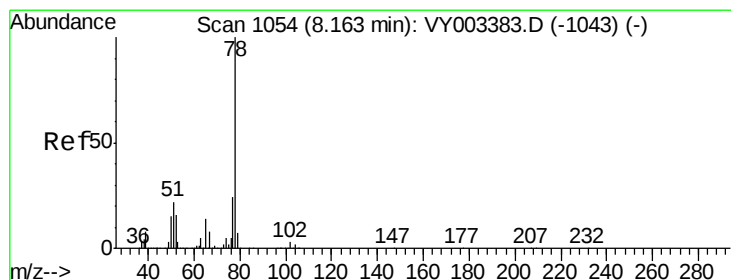
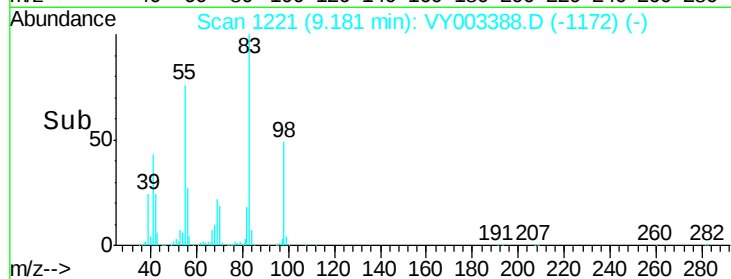
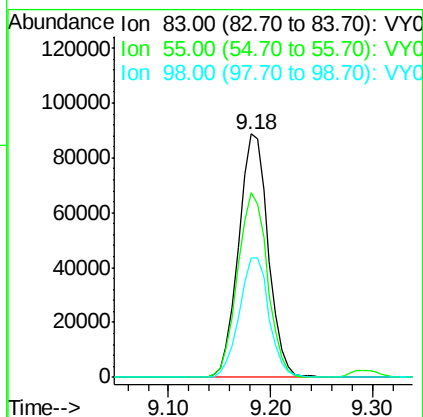
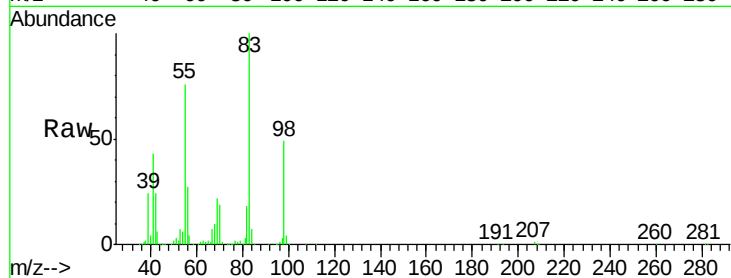




#39
Methvlcvclohexane
Concen: 19.996 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. -0.00 min
Lab File: VY003388.D
Acq: 31 Jul 2020 14:46

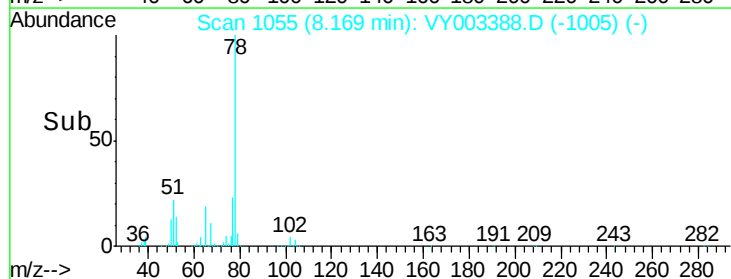
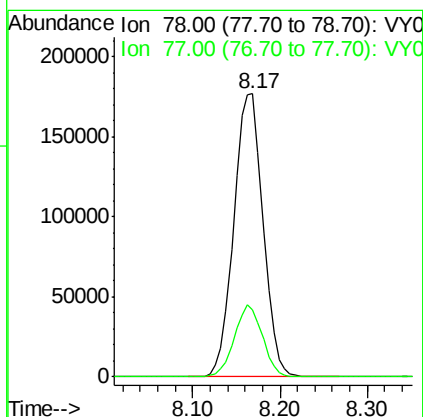
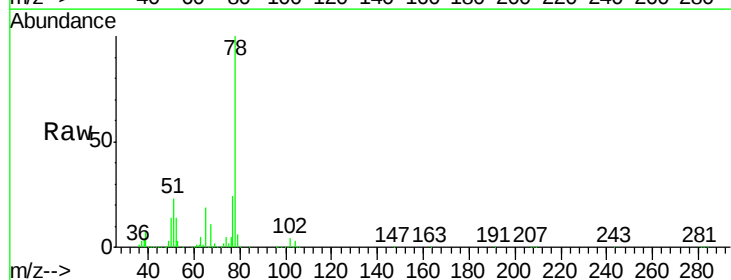
Instrument :
MSVOA_Y
ClientSampleId :
VY0731SBS01

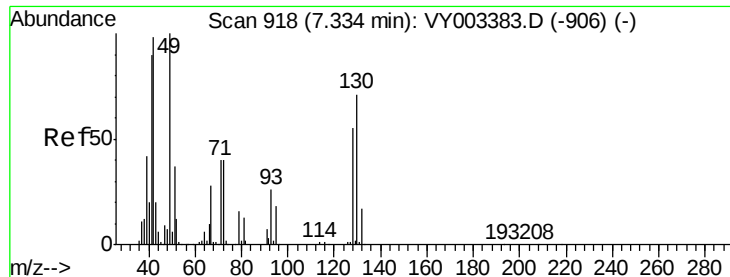
Tot Ion: 83 Resp: 178547
Ion Ratio Lower Upper
83 100
55 75.9 62.2 93.4
98 48.9 38.7 58.1



#40
Benzene
Concen: 20.250 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.01 min
Lab File: VY003388.D
Acq: 31 Jul 2020 14:46

Tgt Ion: 78 Resp: 411159
Ion Ratio Lower Upper
78 100
77 23.6 19.5 29.3

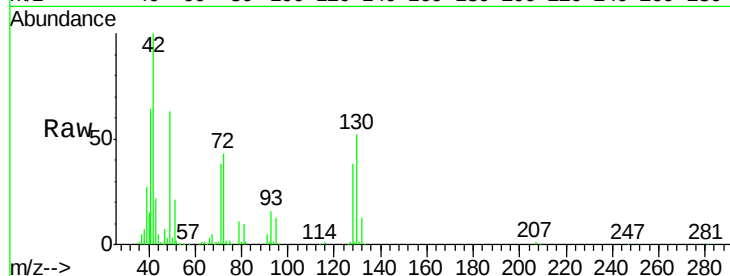




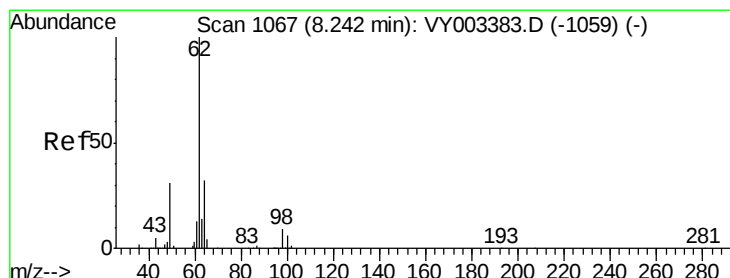
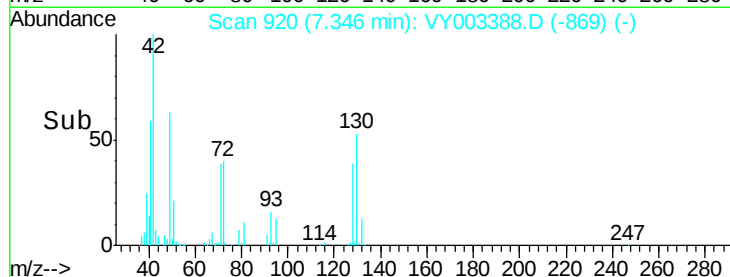
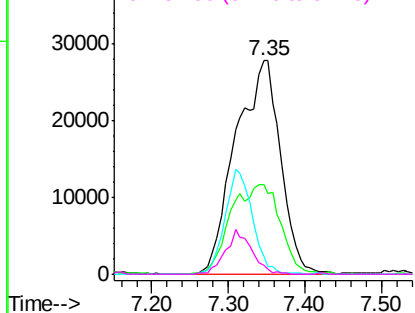
#41
Methacrylonitrile
Concen: 47.394 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.01 min
Lab File: VY003388.D
Acq: 31 Jul 2020 14:46

Instrument :
MSVOA_Y
ClientSampleId :
VY0731SBS01

Tot Ion:	41	Resp:	113059
Ion	Ratio	Lower	Upper
41	100		
39	0.0	78.3	117.5#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

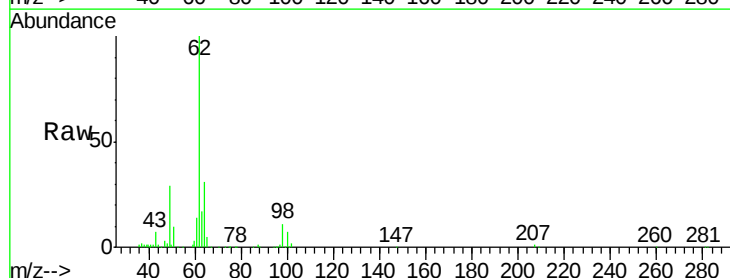


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

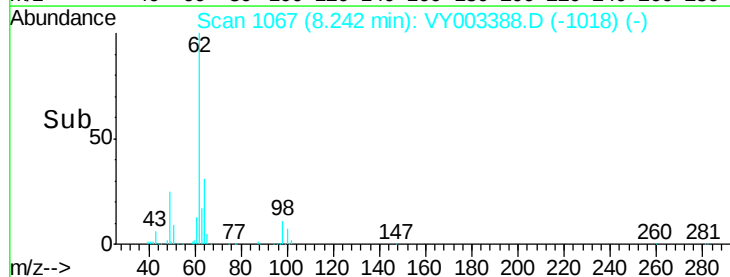
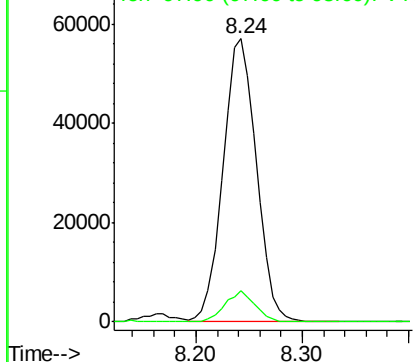


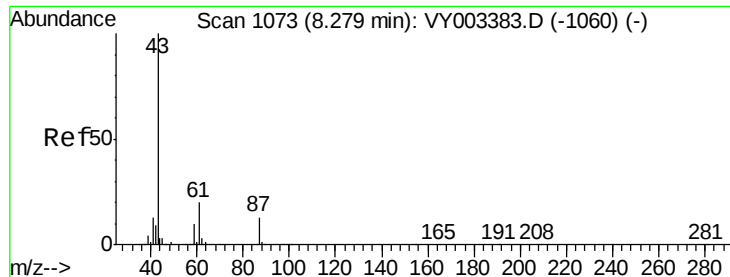
#42
1,2-Dichloroethane
Concen: 20.203 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VY003388.D
Acq: 31 Jul 2020 14:46

Tgt Ion:	62	Resp:	124932
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.0



Abundance Ion 61.90 (61.60 to 62.60): VY0
Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 19.534 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.00 min

Lab File: VY003388.D

Acq: 31 Jul 2020 14:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0731SBS01

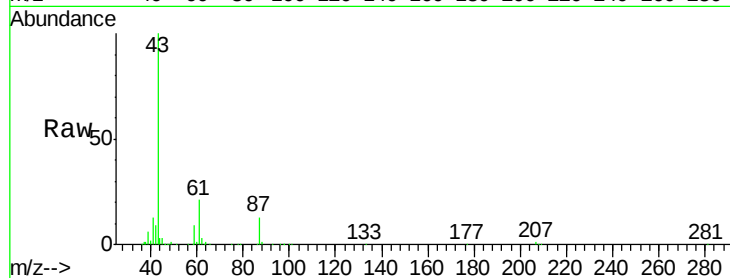
Tot Ion: 43 Resp: 153418

Ion Ratio Lower Upper

43 100

61 30.6 23.0 34.4

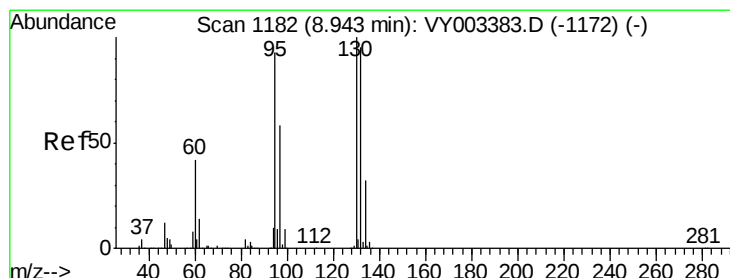
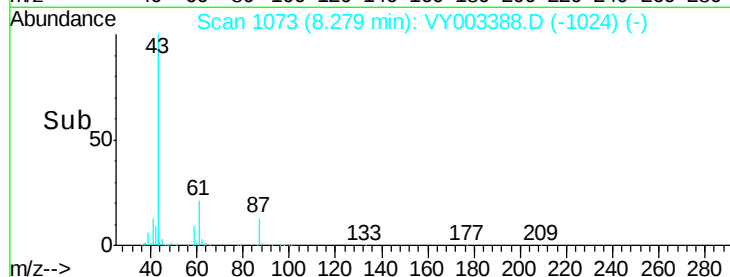
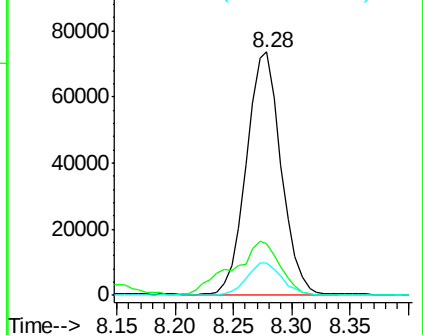
87 13.6 10.5 15.7



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: 20.449 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VY003388.D

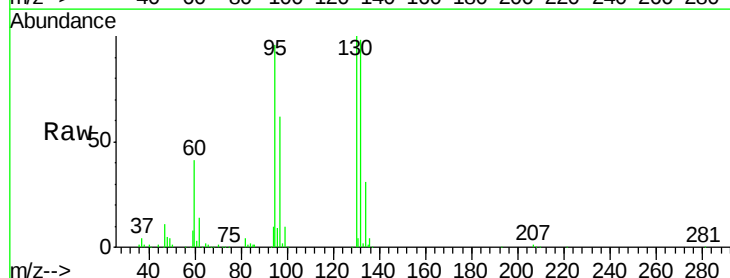
Acq: 31 Jul 2020 14:46

Tgt Ion:130 Resp: 119417

Ion Ratio Lower Upper

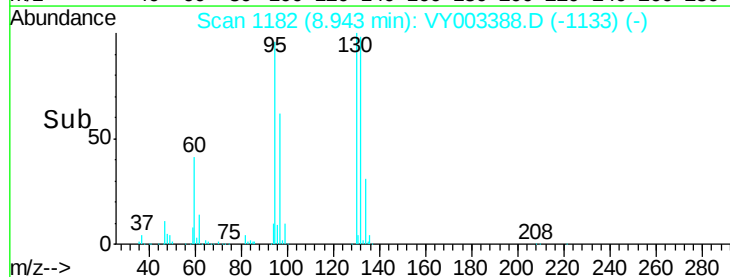
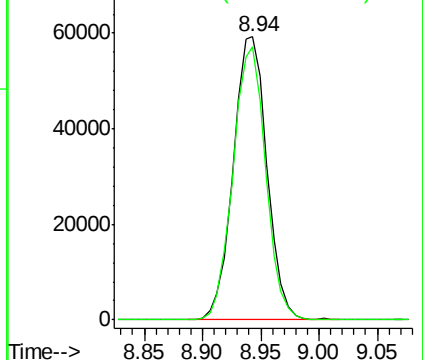
130 100

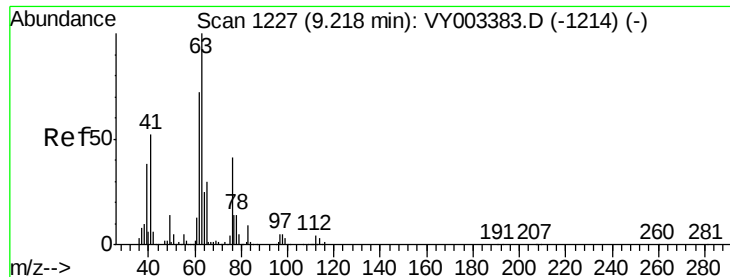
95 96.5 0.0 186.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VY0





#45

1,2-Dichloropropane

Concen: 20.010 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. -0.00 min

Lab File: VY003388.D

Acq: 31 Jul 2020 14:46

Instrument :

MSVOA_Y

ClientSampleId :

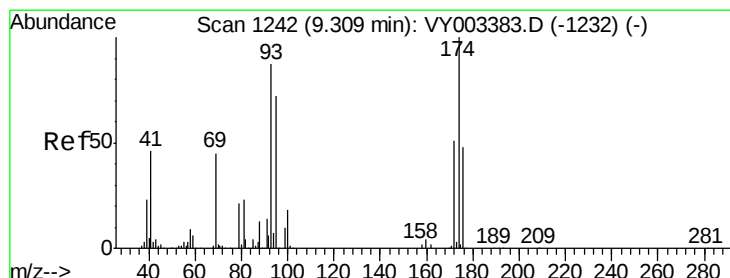
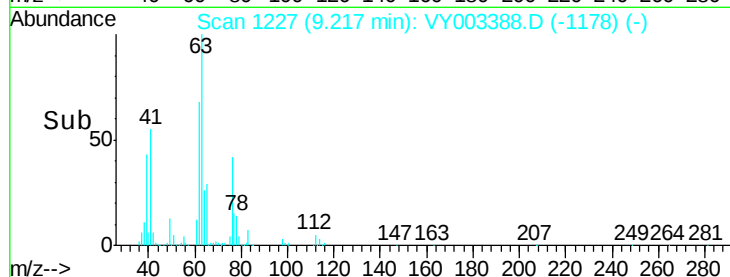
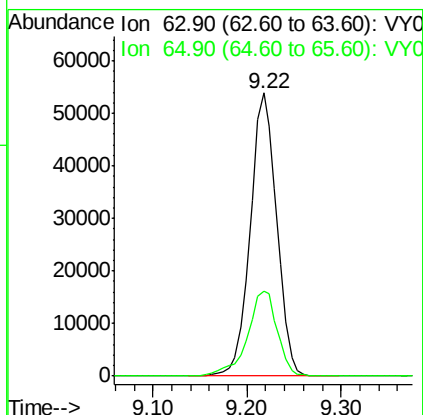
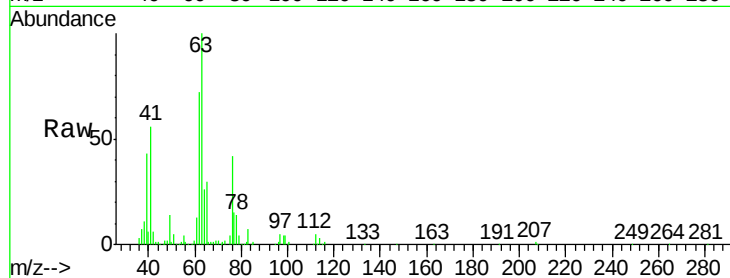
VY0731SBS01

Tot Ion: 63 Resp: 106397

Ion Ratio Lower Upper

63 100

65 30.1 23.8 35.8



#46

Dibromomethane

Concen: 19.754 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.00 min

Lab File: VY003388.D

Acq: 31 Jul 2020 14:46

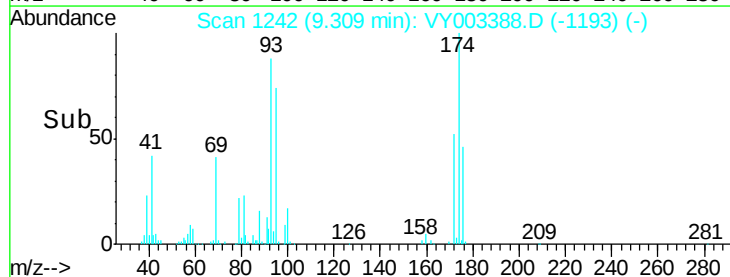
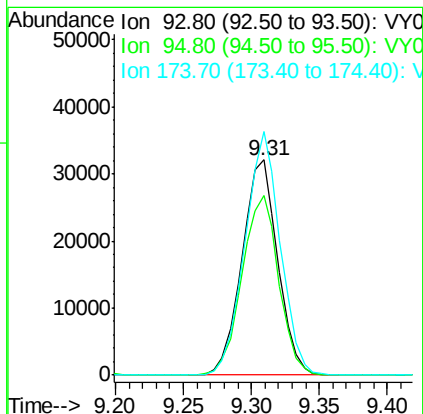
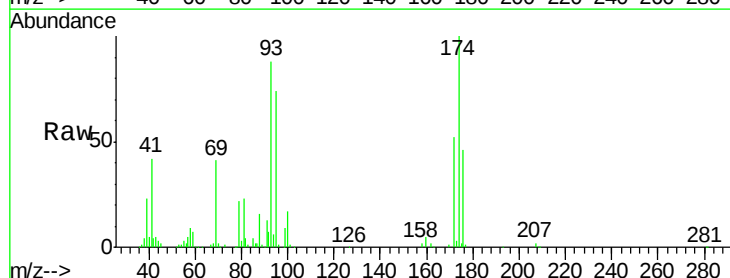
Tgt Ion: 93 Resp: 58932

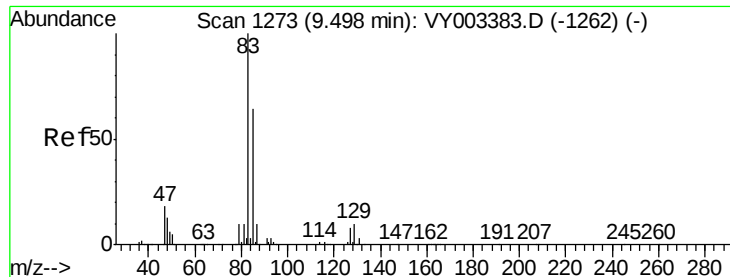
Ion Ratio Lower Upper

93 100

95 85.7 65.4 98.0

174 112.1 88.6 133.0





#47

Bromodichloromethane

Concen: 19.932 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY003388.D

Acq: 31 Jul 2020 14:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0731SBS01

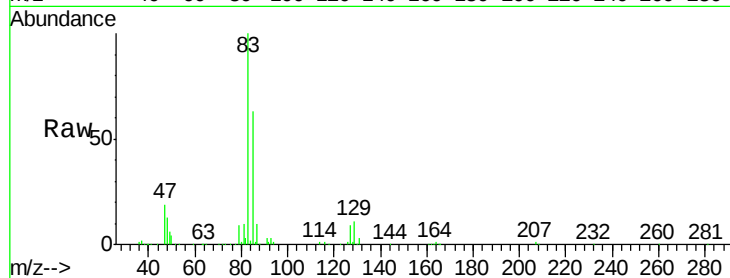
Tot Ion: 83 Resp: 143287

Ion Ratio Lower Upper

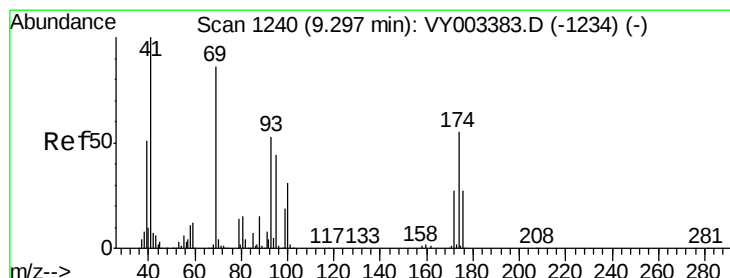
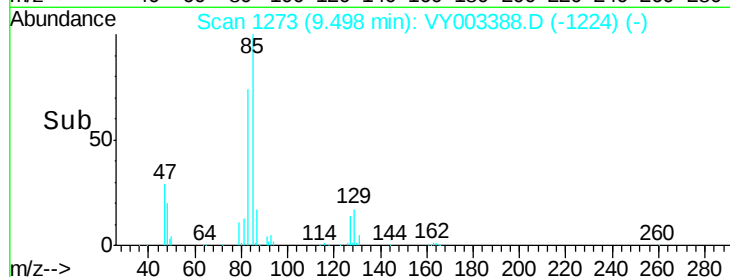
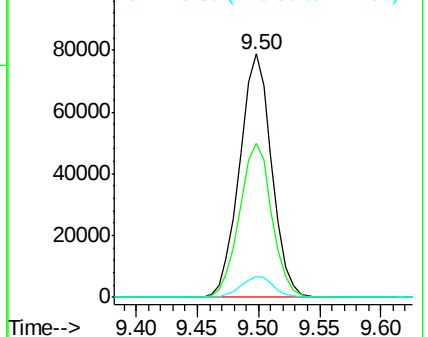
83 100

85 63.1 51.6 77.4

127 8.8 6.5 9.7



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: 19.575 ug/l

RT: 9.29 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VY003388.D

Acq: 31 Jul 2020 14:46

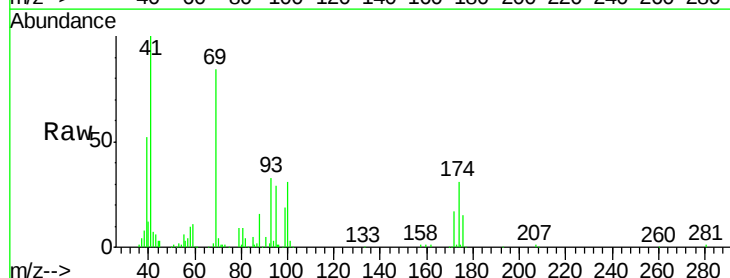
Tgt Ion: 41 Resp: 69397

Ion Ratio Lower Upper

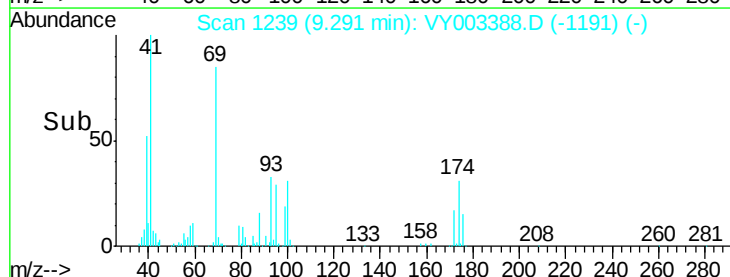
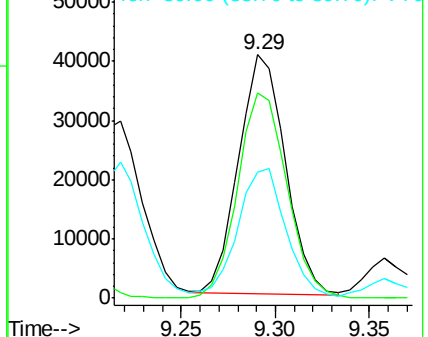
41 100

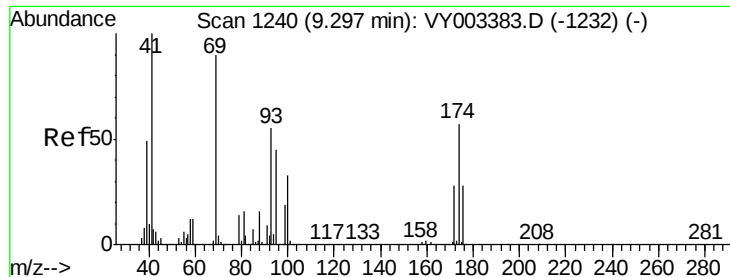
69 90.7 68.9 103.3

39 56.6 43.1 64.7



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

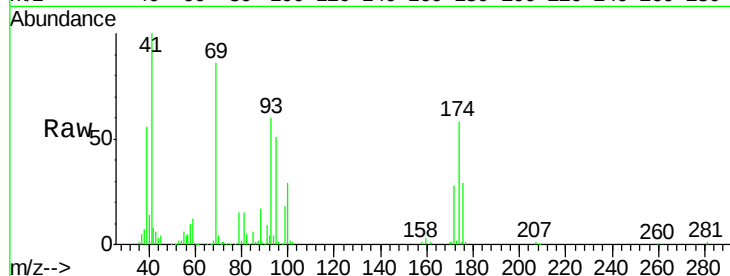




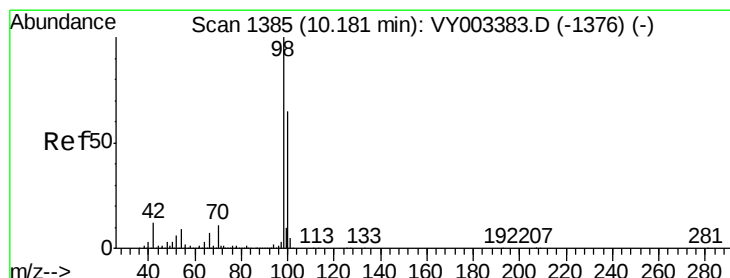
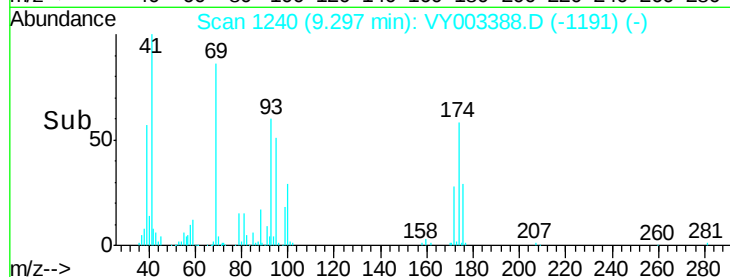
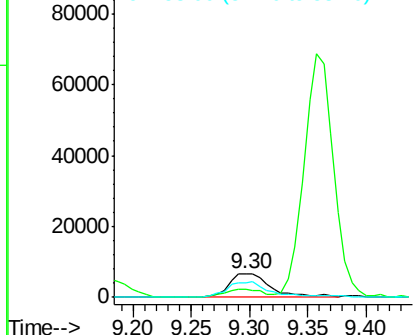
#49
1,4-Dioxane
Concen: 431.861 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VY003388.D
Acq: 31 Jul 2020 14:46

Instrument :
MSVOA_Y
ClientSampleId :
VY0731SBS01

Tot Ion: 88 Resp: 16675
Ion Ratio Lower Upper
88 100
43 29.8 24.9 37.3
58 71.5 54.3 81.5

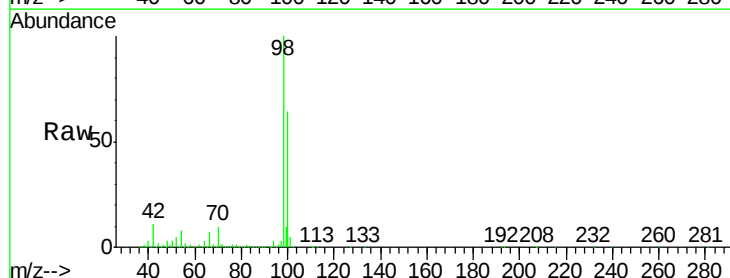


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

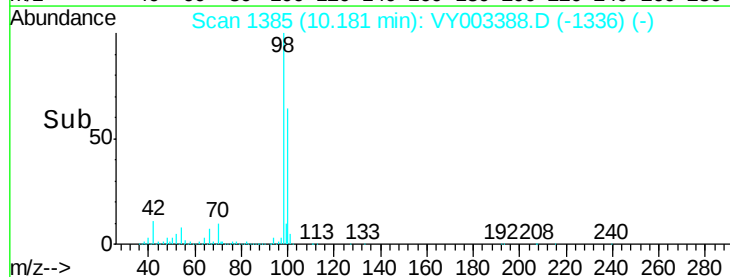
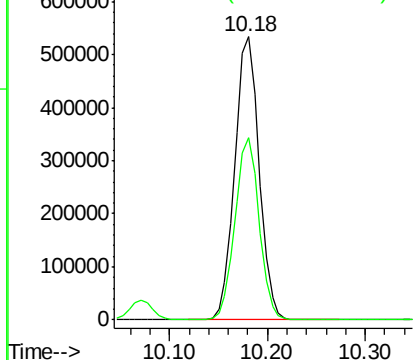


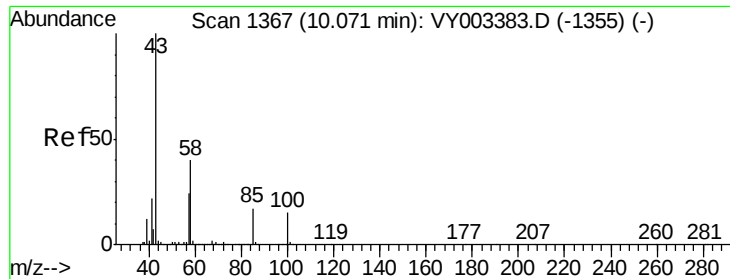
#50
Toluene-d8
Concen: 51.701 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003388.D
Acq: 31 Jul 2020 14:46

Tgt Ion: 98 Resp: 922235
Ion Ratio Lower Upper
98 100
100 63.6 51.3 76.9



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





#51

4-Methyl-2-Pentanone

Concen: 100.439 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VY003388.D

Acq: 31 Jul 2020 14:46

Instrument :

MSVOA_Y

ClientSampleId :

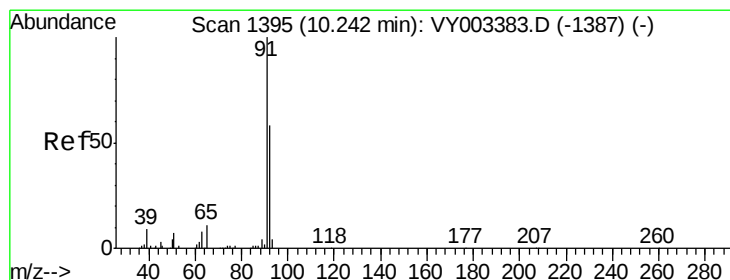
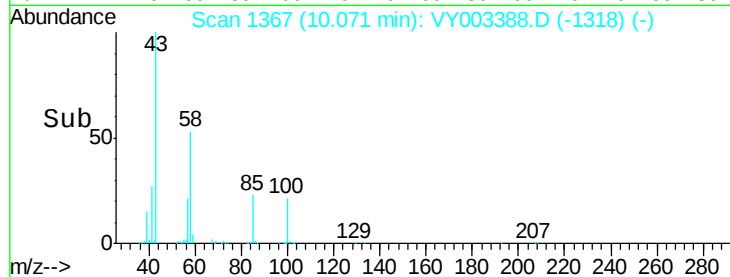
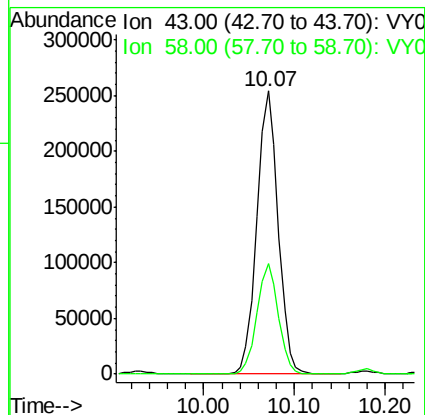
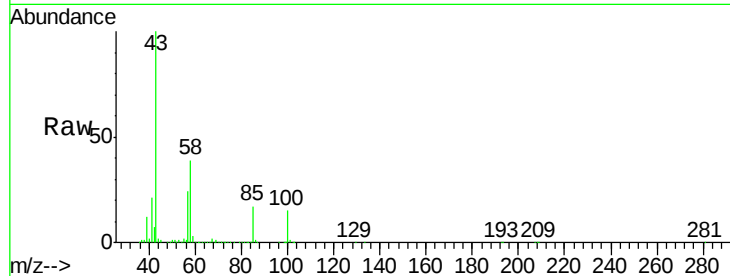
VY0731SBS01

Tot Ion: 43 Resp: 413391

Ion Ratio Lower Upper

43 100

58 39.3 31.6 47.4



#52

Toluene

Concen: 20.246 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.00 min

Lab File: VY003388.D

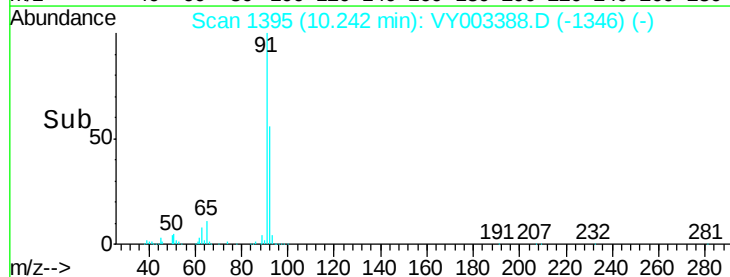
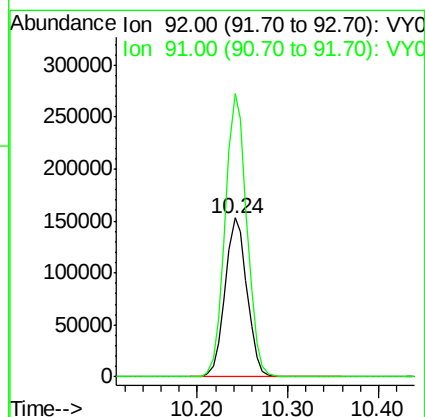
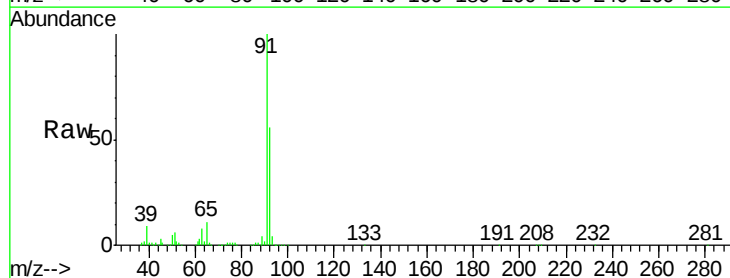
Acq: 31 Jul 2020 14:46

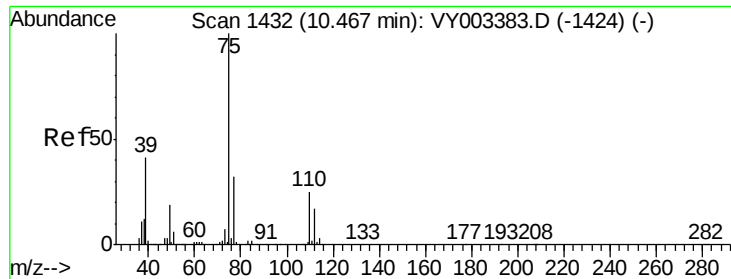
Tgt Ion: 92 Resp: 257819

Ion Ratio Lower Upper

92 100

91 176.5 139.4 209.0





#53

t-1,3-Dichloropropene

Concen: 20.012 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY003388.D

Acq: 31 Jul 2020 14:46

Instrument :

MSVOA_Y

ClientSampleId :

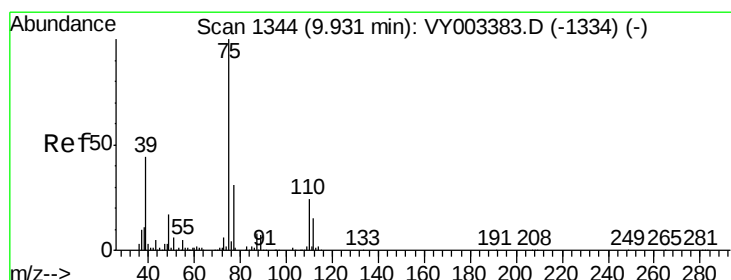
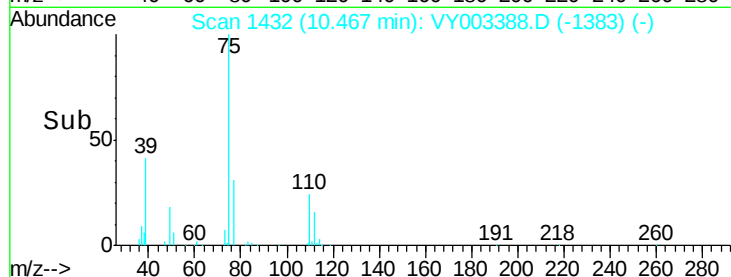
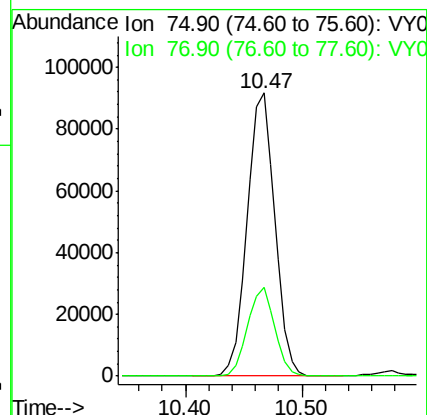
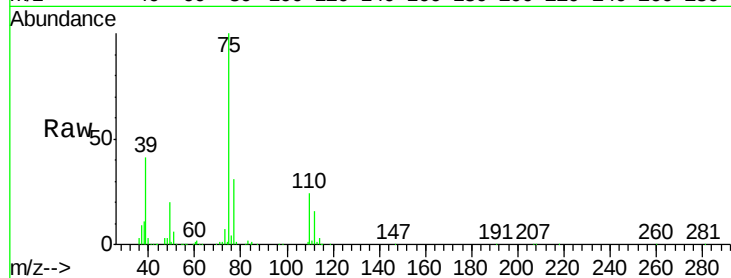
VY0731SBS01

Tot Ion: 75 Resp: 152691

Ion Ratio Lower Upper

75 100

77 31.5 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 20.135 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY003388.D

Acq: 31 Jul 2020 14:46

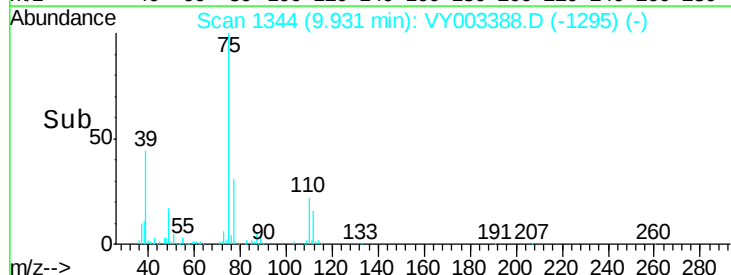
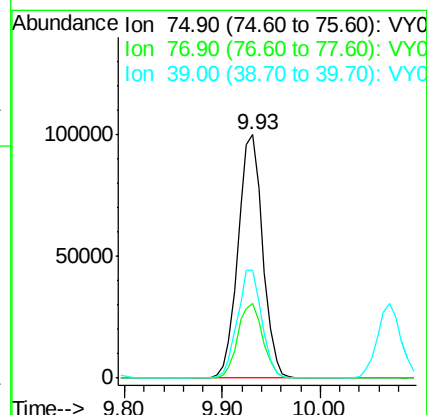
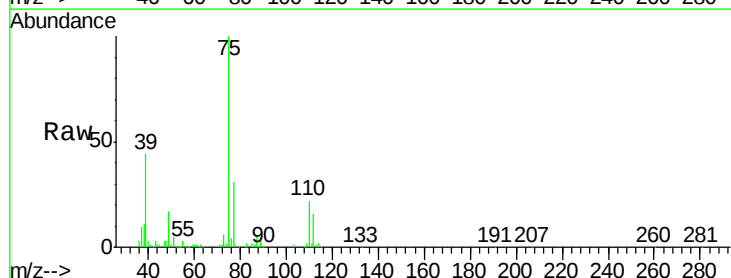
Tgt Ion: 75 Resp: 174100

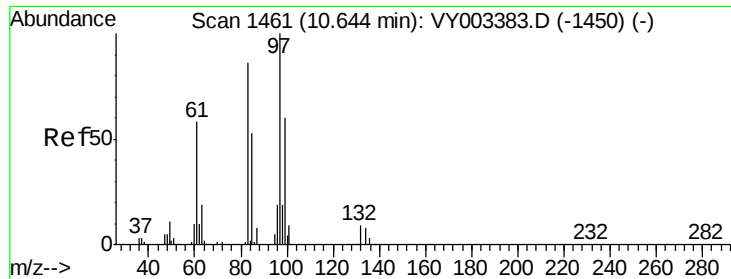
Ion Ratio Lower Upper

75 100

77 30.8 24.8 37.2

39 44.3 34.8 52.2

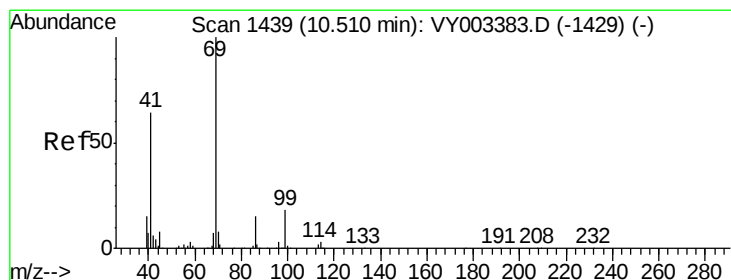
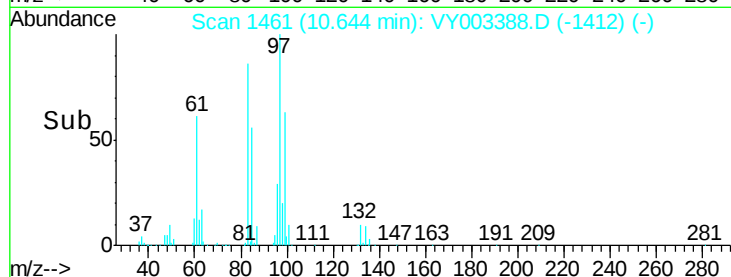
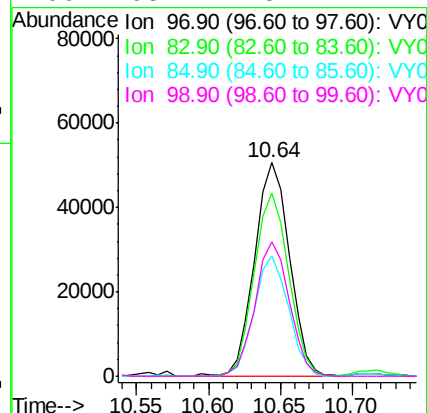
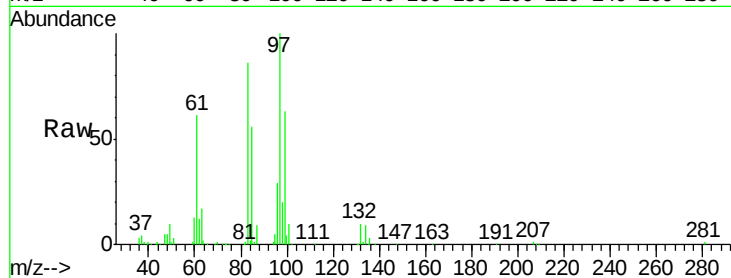




#55
 1,1,2-Trichloroethane
 Concen: 20.359 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY003388.D
 Acq: 31 Jul 2020 14:46

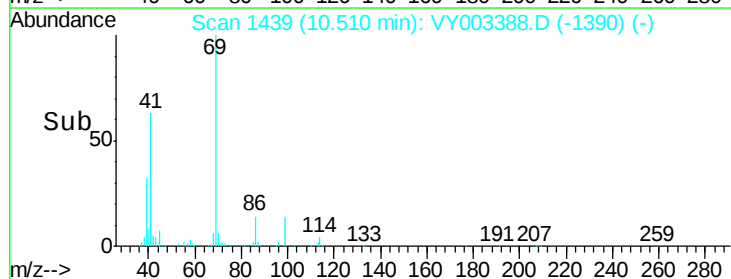
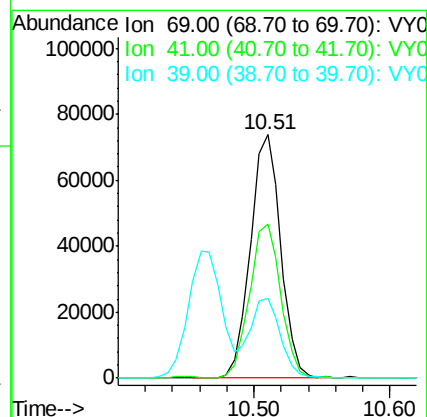
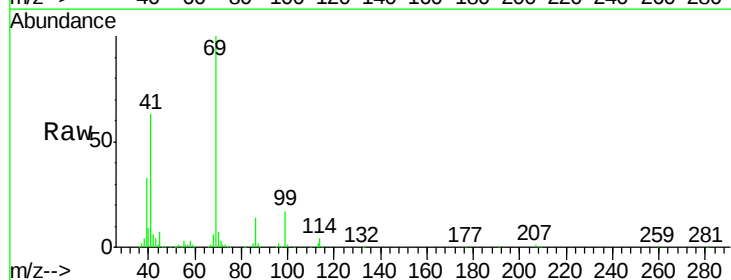
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0731SBS01

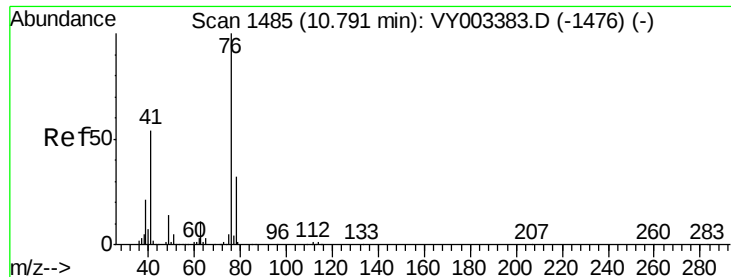
Tot Ion:	97	Resp:	85192
Ion	Ratio	Lower	Upper
97	100		
83	85.8	69.1	103.7
85	56.2	42.5	63.7
99	63.1	48.2	72.4



#56
 Ethyl methacrylate
 Concen: 19.905 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY003388.D
 Acq: 31 Jul 2020 14:46

Tgt Ion:	69	Resp:	115309
Ion	Ratio	Lower	Upper
69	100		
41	64.5	52.2	78.4
39	33.5	24.7	37.1





#57

1,3-Dichloropropane

Concen: 20.514 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY003388.D

Acq: 31 Jul 2020 14:46

Instrument :

MSVOA_Y

ClientSampleId :

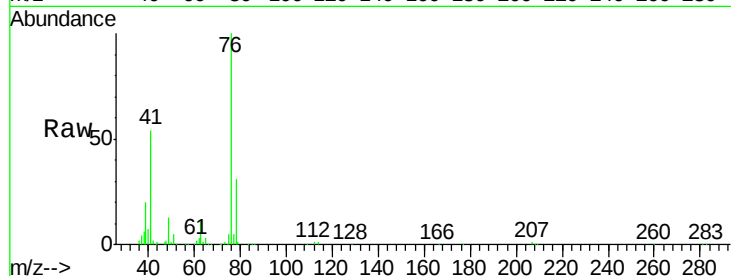
VY0731SBS01

Tot Ion: 76 Resp: 149188

Ion Ratio Lower Upper

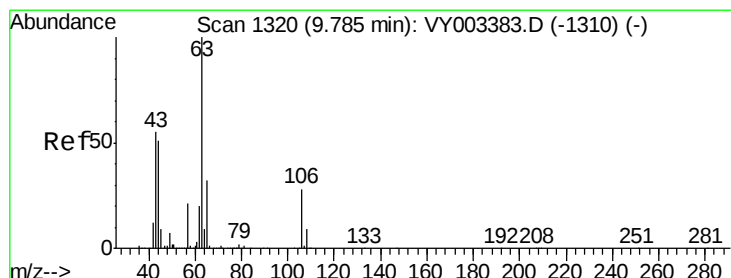
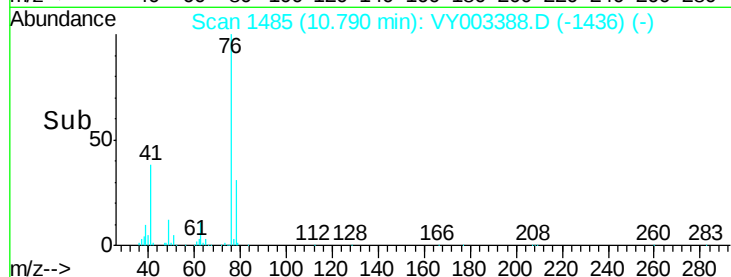
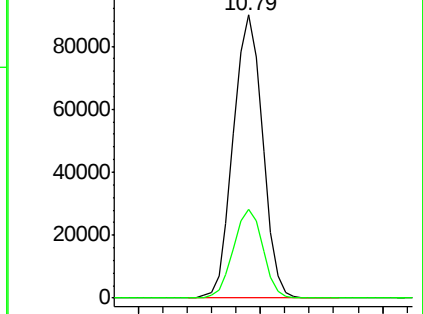
76 100

78 31.5 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: 106.546 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY003388.D

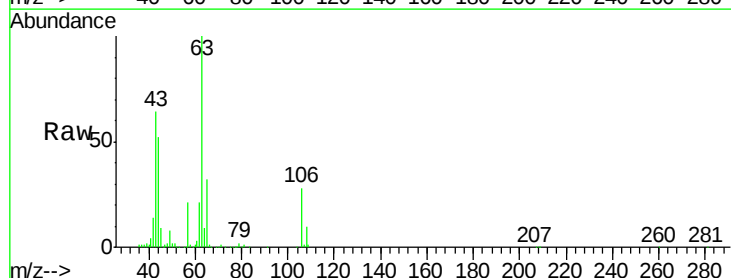
Acq: 31 Jul 2020 14:46

Tgt Ion: 63 Resp: 285894

Ion Ratio Lower Upper

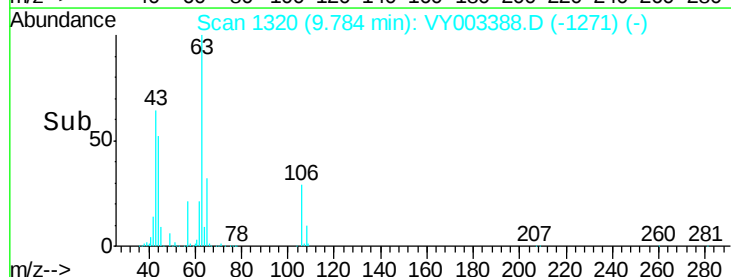
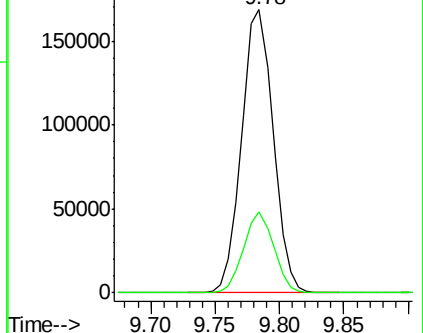
63 100

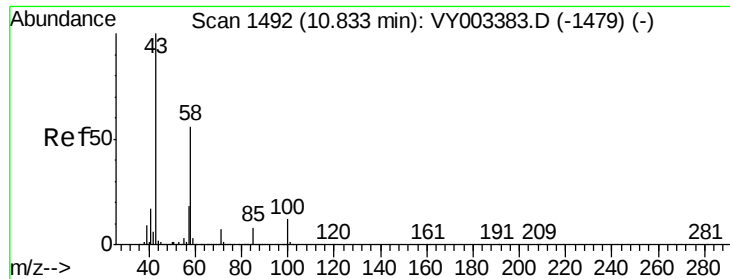
106 27.4 21.8 32.6



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

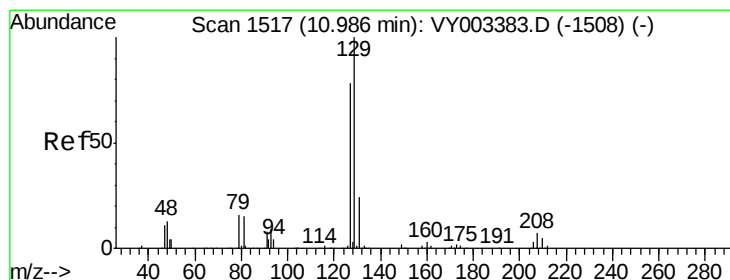
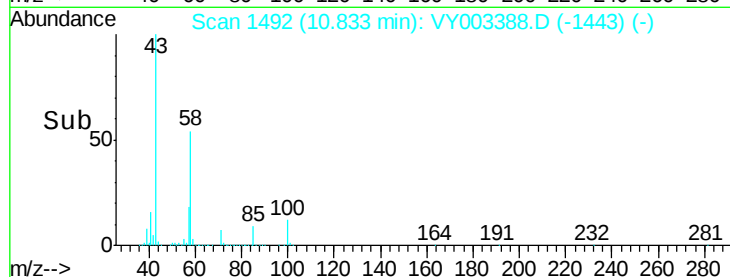
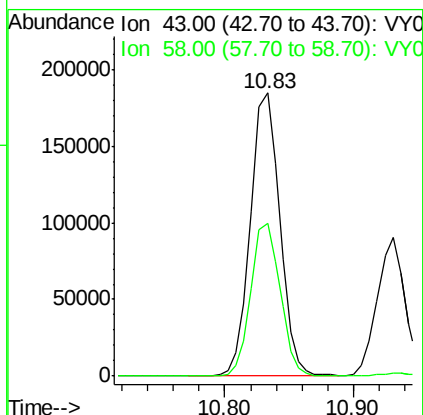
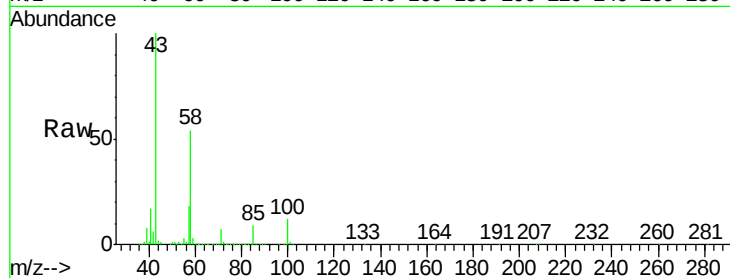




#59
2-Hexanone
Concen: 101.295 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY003388.D
Acq: 31 Jul 2020 14:46

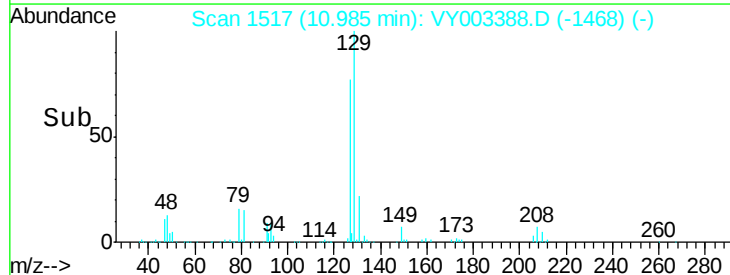
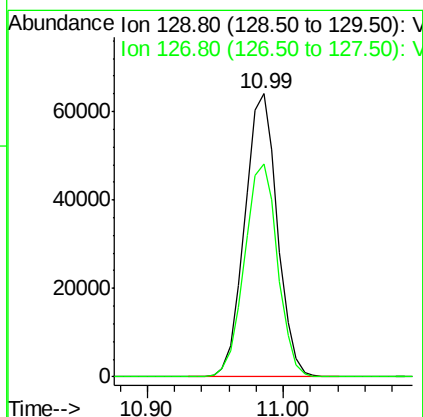
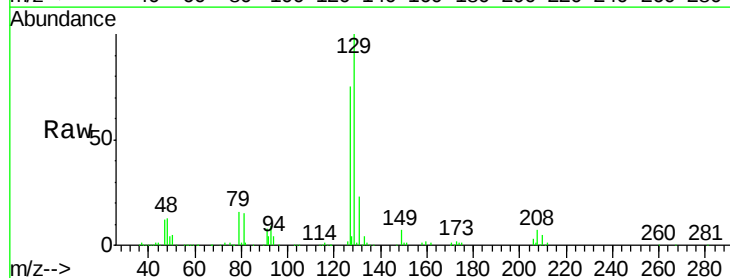
Instrument :
MSVOA_Y
ClientSampleId :
VY0731SBS01

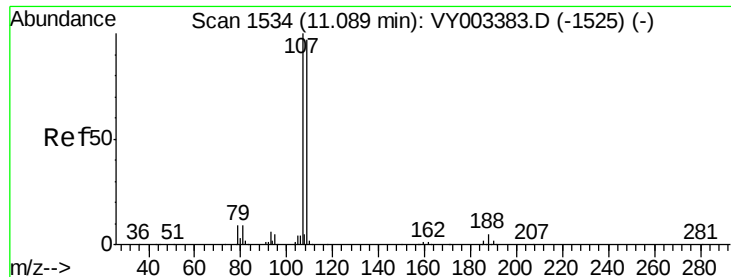
Tot Ion: 43 Resp: 290554
Ion Ratio Lower Upper
43 100
58 54.2 27.6 82.8



#60
Dibromochloromethane
Concen: 20.459 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY003388.D
Acq: 31 Jul 2020 14:46

Tgt Ion: 129 Resp: 107511
Ion Ratio Lower Upper
129 100
127 76.5 38.7 116.1

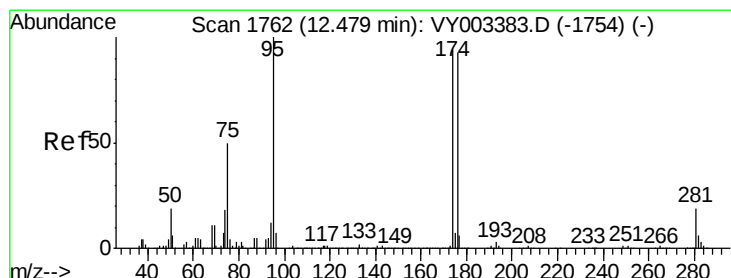
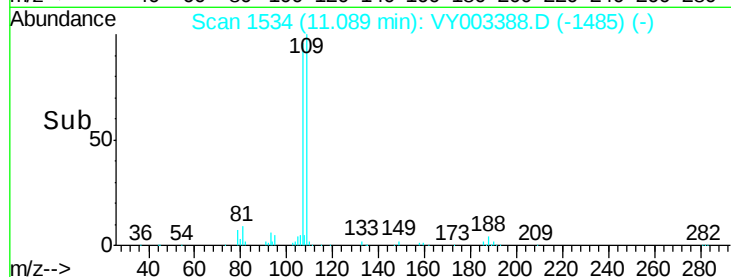
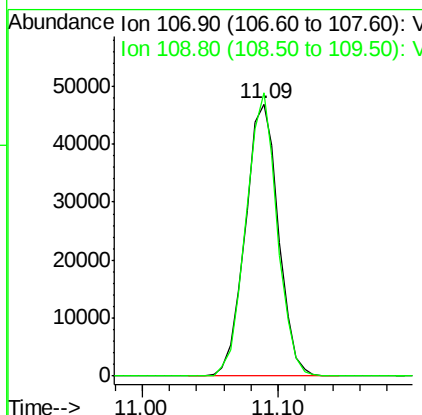
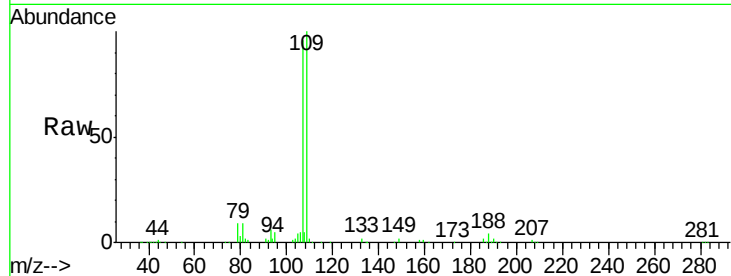




#61
 1,2-Dibromoethane
 Concen: 19.801 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY003388.D
 Acq: 31 Jul 2020 14:46

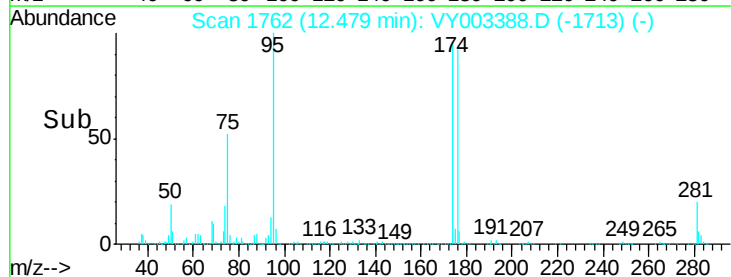
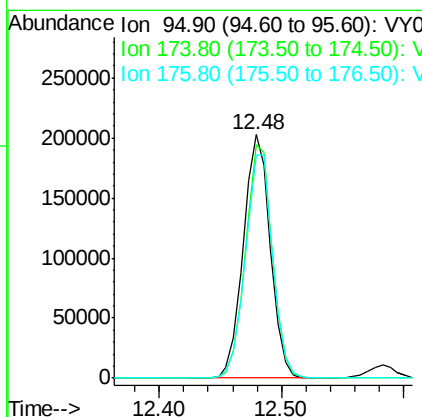
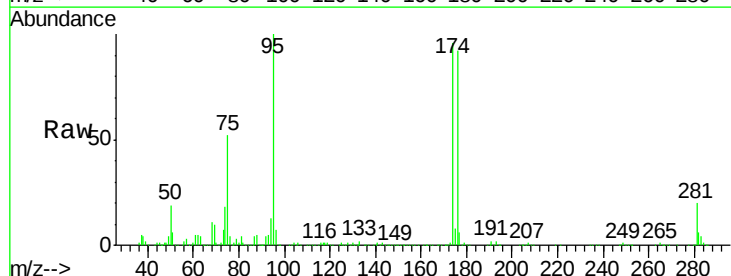
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0731SBS01

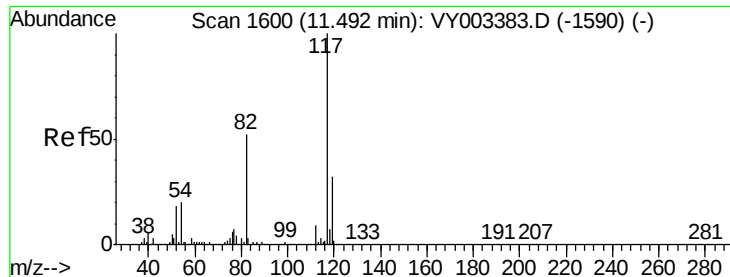
Tot Ion:107 Resp: 80274
 Ion Ratio Lower Upper
 107 100
 109 97.6 75.5 113.3



#62
 4-Bromofluorobenzene
 Concen: 50.683 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY003388.D
 Acq: 31 Jul 2020 14:46

Tgt Ion: 95 Resp: 308902
 Ion Ratio Lower Upper
 95 100
 174 95.8 0.0 190.0
 176 93.7 0.0 184.4

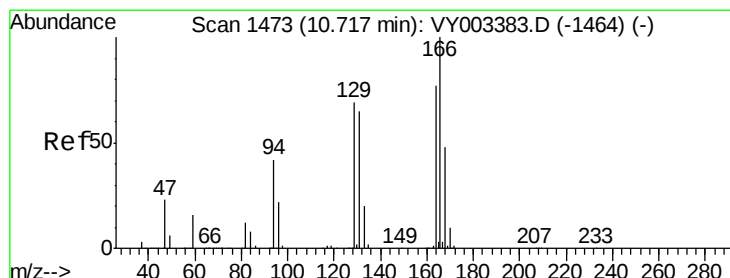
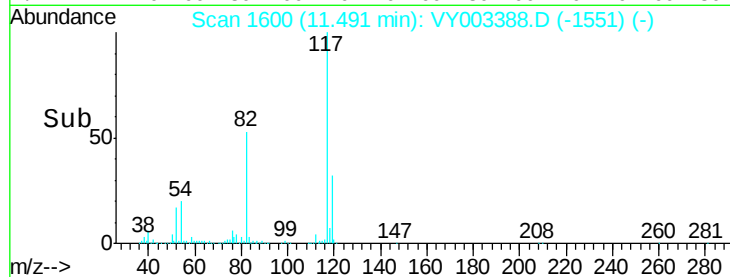
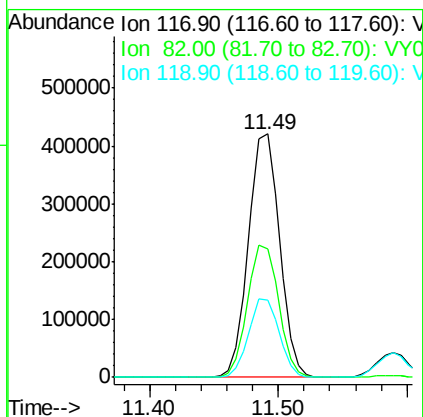
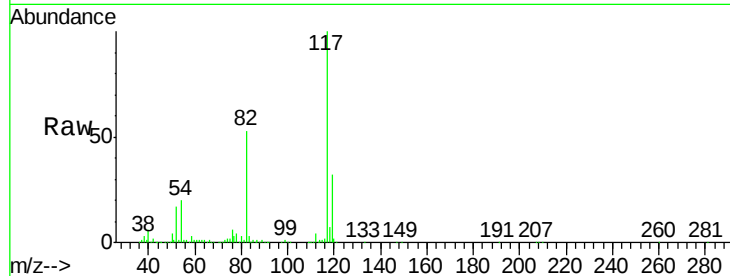




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003388.D
Acq: 31 Jul 2020 14:46

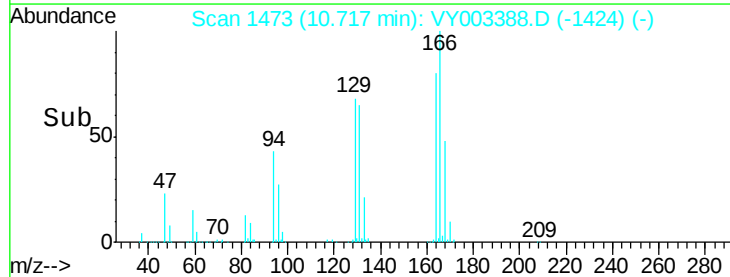
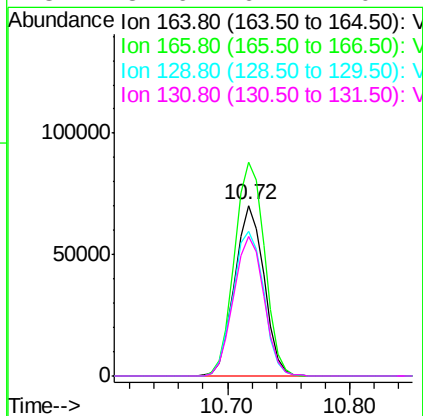
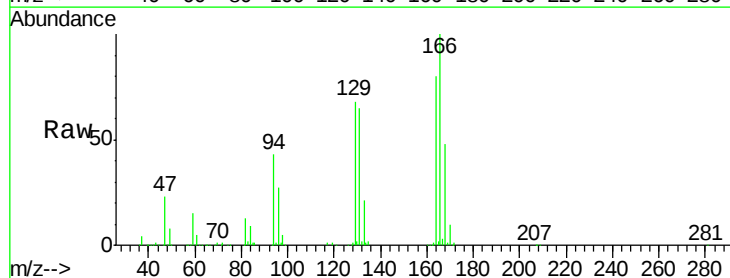
Instrument :
MSVOA_Y
ClientSampleId :
VY0731SBS01

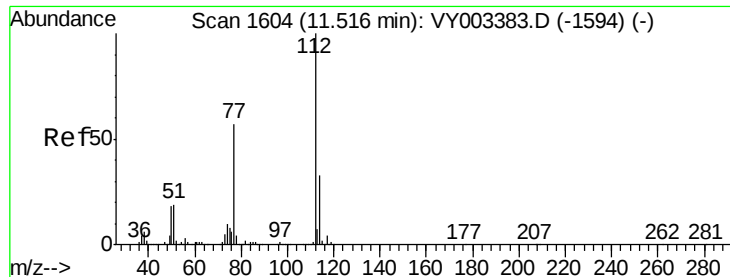
Tot Ion:117 Resp: 701736
Ion Ratio Lower Upper
117 100
82 52.8 41.9 62.9
119 31.9 25.4 38.0



#64
Tetrachloroethene
Concen: 19.951 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY003388.D
Acq: 31 Jul 2020 14:46

Tgt Ion:164 Resp: 117041
Ion Ratio Lower Upper
164 100
166 125.4 103.3 154.9
129 85.0 71.2 106.8
131 81.6 67.4 101.2





#65

Chlorobenzene

Concen: 20.434 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VY003388.D

Acq: 31 Jul 2020 14:46

Instrument :

MSVOA_Y

ClientSampleId :

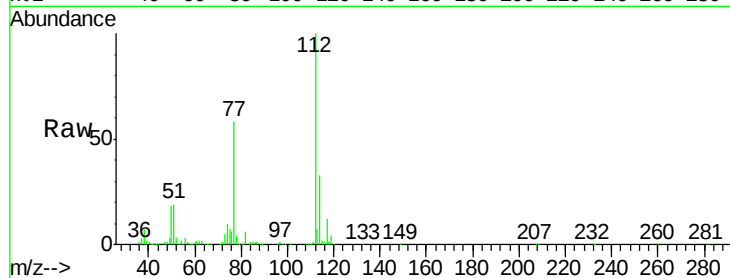
VY0731SBS01

Tot Ion:112 Resp: 281382

Ion Ratio Lower Upper

112 100

114 33.5 26.1 39.1



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

200000

150000

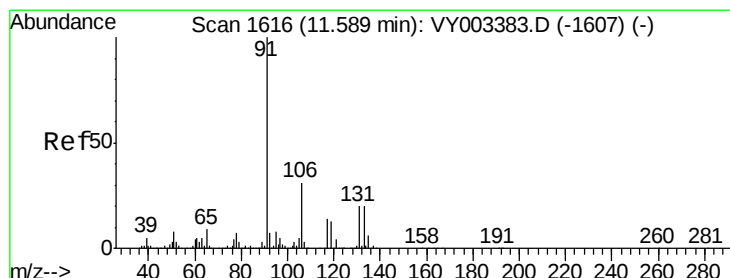
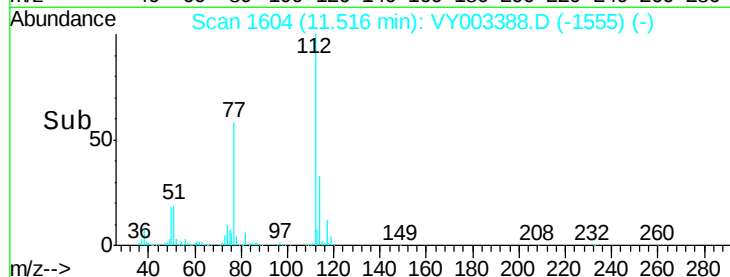
100000

50000

0

11.40 11.50 11.60

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 20.225 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY003388.D

Acq: 31 Jul 2020 14:46

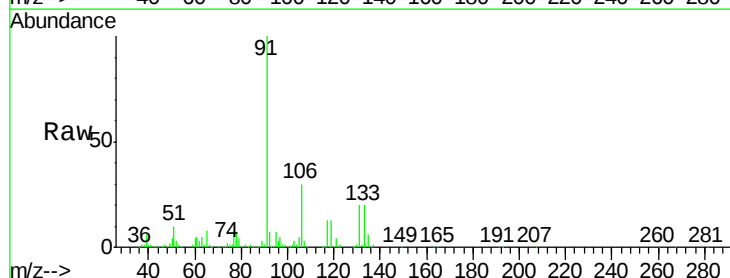
Tgt Ion:131 Resp: 108331

Ion Ratio Lower Upper

131 100

133 97.3 48.1 144.3

119 64.2 32.0 96.2



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

150000

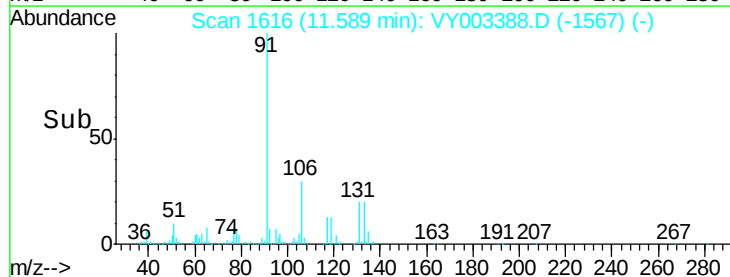
100000

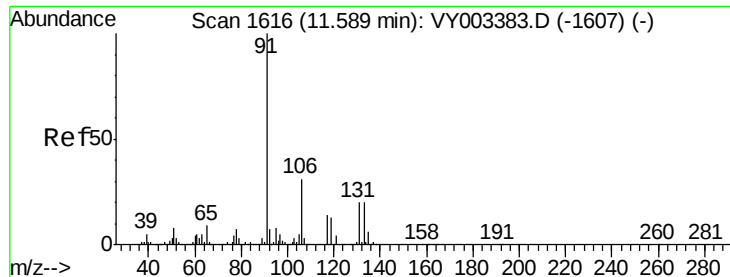
50000

0

11.50 11.60

Time-->





#67

Ethyl Benzene

Concen: 20.354 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY003388.D

Acq: 31 Jul 2020 14:46

Instrument :

MSVOA_Y

ClientSampleId :

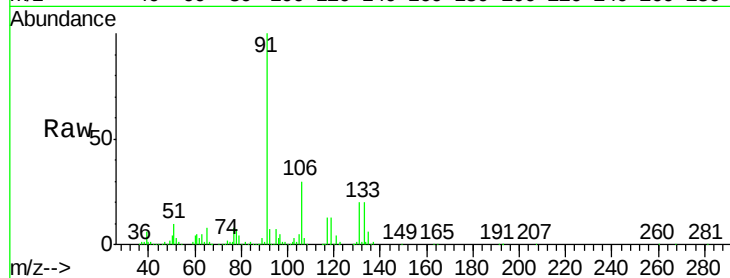
VY0731SBS01

Tot Ion: 91 Resp: 505389

Ion Ratio Lower Upper

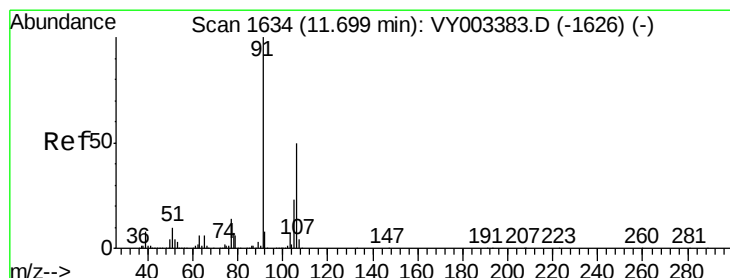
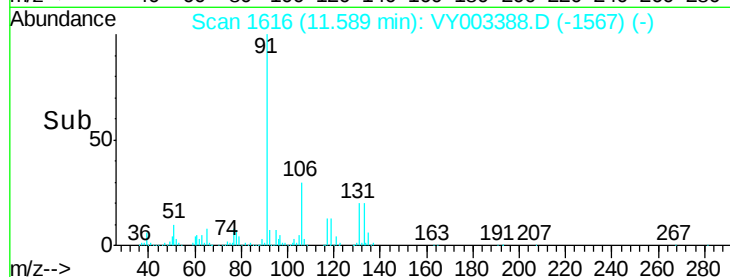
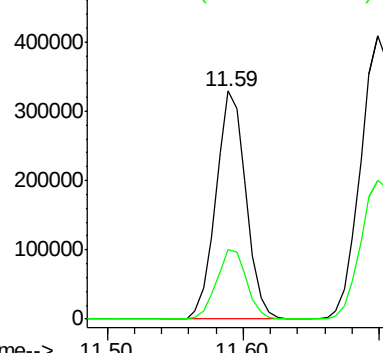
91 100

106 30.3 24.4 36.6



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 40.694 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VY003388.D

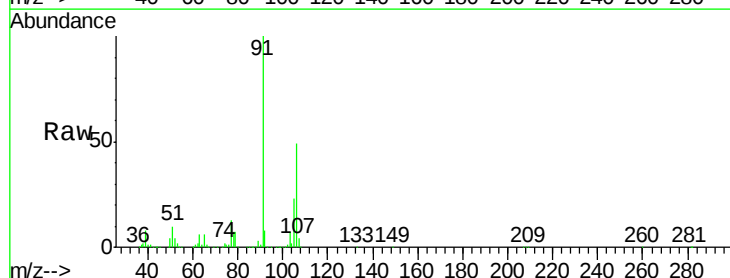
Acq: 31 Jul 2020 14:46

Tgt Ion: 106 Resp: 380918

Ion Ratio Lower Upper

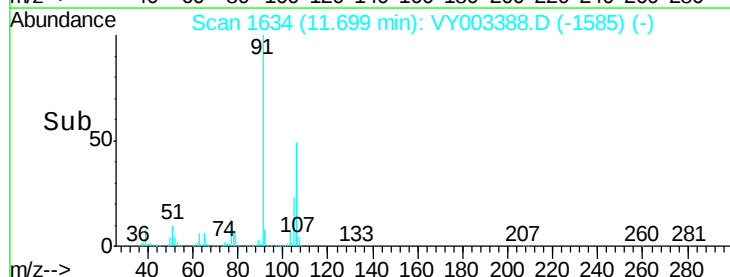
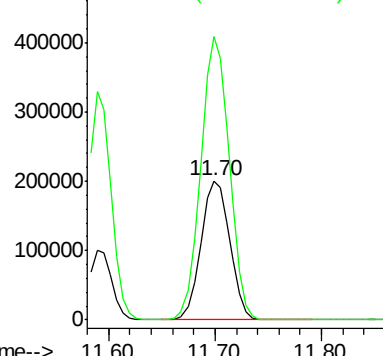
106 100

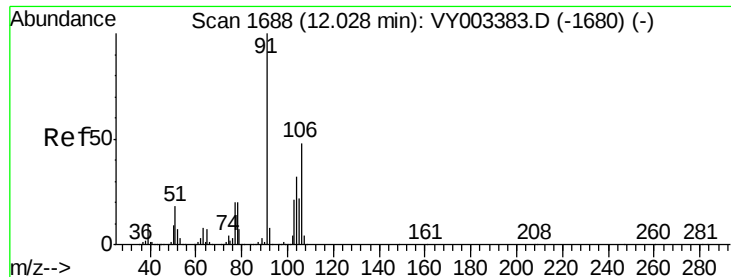
91 200.1 161.0 241.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VY0

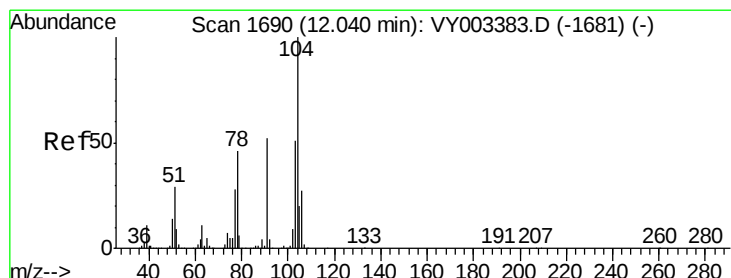
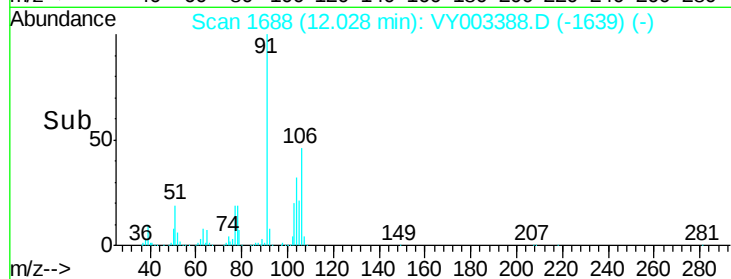
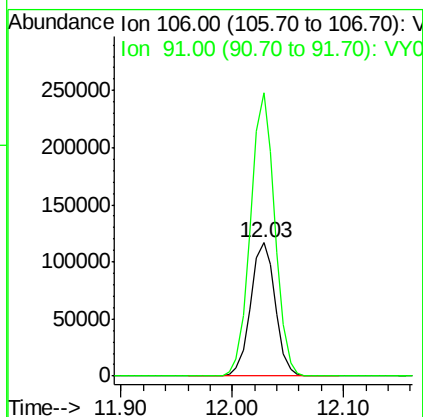
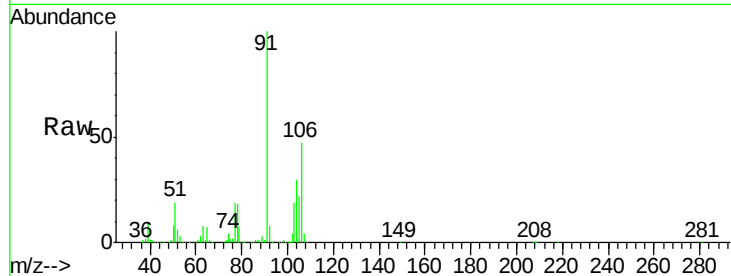




#69
o-Xylene
Concen: 20.469 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003388.D
Acq: 31 Jul 2020 14:46

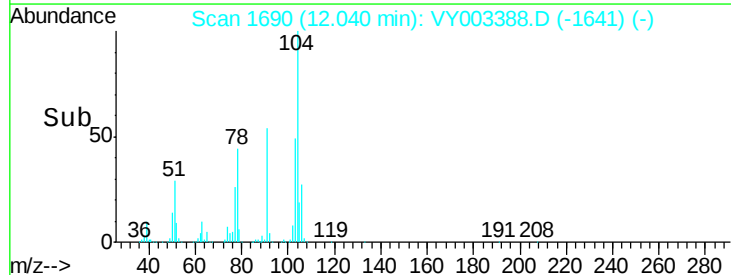
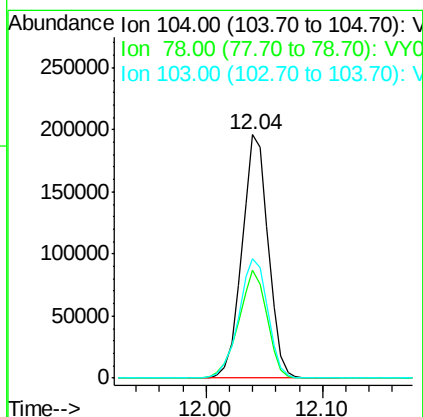
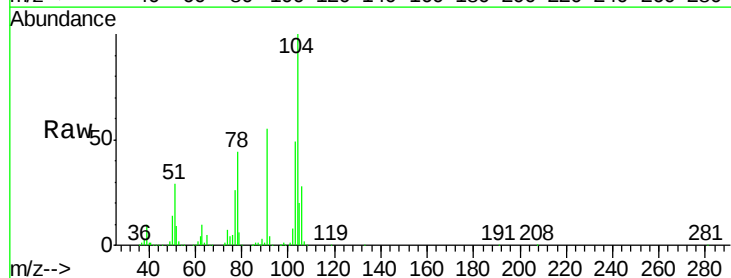
Instrument :
MSVOA_Y
ClientSampleId :
VY0731SBS01

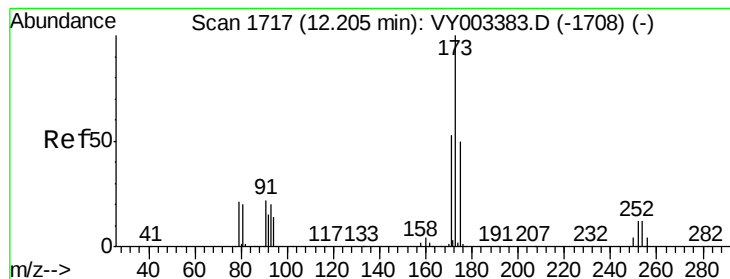
Tot Ion:106 Resp: 179358
Ion Ratio Lower Upper
106 100
91 209.9 104.6 313.7



#70
Styrene
Concen: 20.543 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY003388.D
Acq: 31 Jul 2020 14:46

Tgt Ion:104 Resp: 308014
Ion Ratio Lower Upper
104 100
78 47.9 39.3 58.9
103 54.1 43.7 65.5





#71

Bromoform

Concen: 20.335 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY003388.D

Acq: 31 Jul 2020 14:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0731SBS01

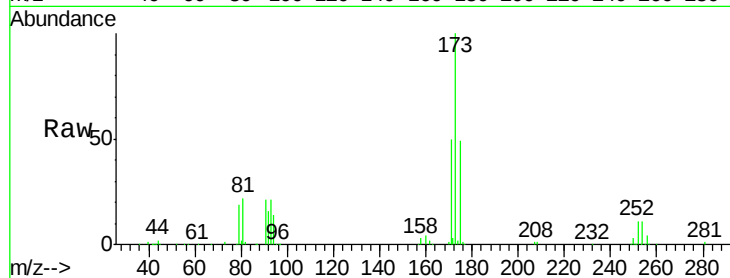
Tot Ion:173 Resp: 70778

Ion Ratio Lower Upper

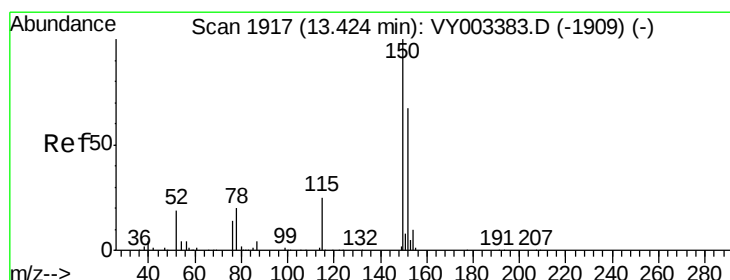
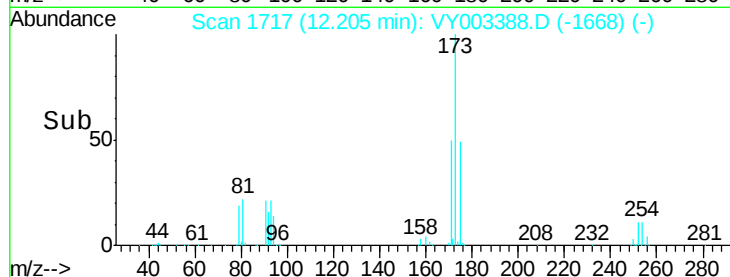
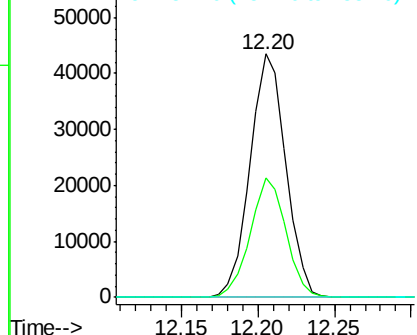
173 100

175 48.7 24.1 72.2

254 0.2 0.2 0.2



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: VY003388.D

Acq: 31 Jul 2020 14:46

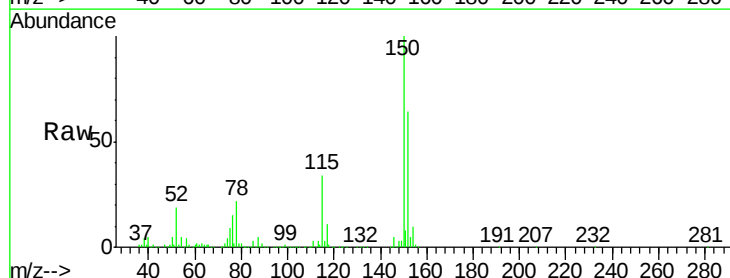
Tgt Ion:152 Resp: 376933

Ion Ratio Lower Upper

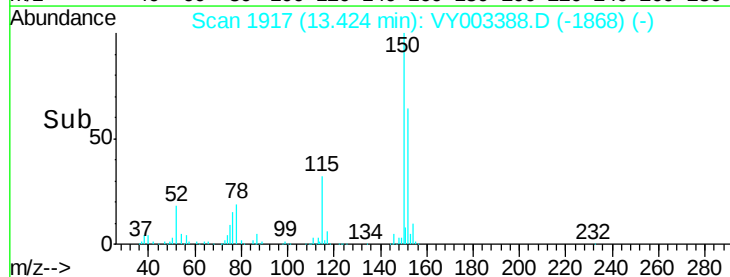
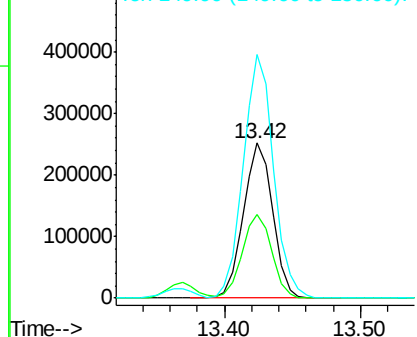
152 100

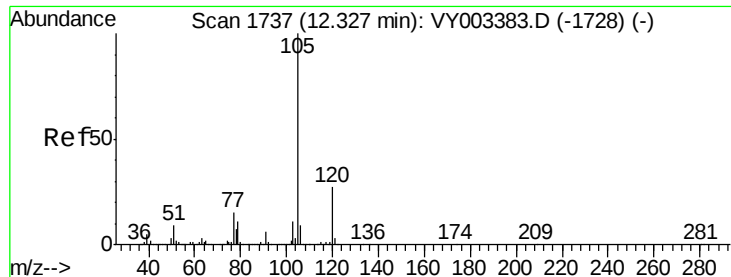
115 54.1 27.2 81.5

150 163.5 0.0 346.8



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: 20.116 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY003388.D

Acq: 31 Jul 2020 14:46

Instrument :

MSVOA_Y

ClientSampleId :

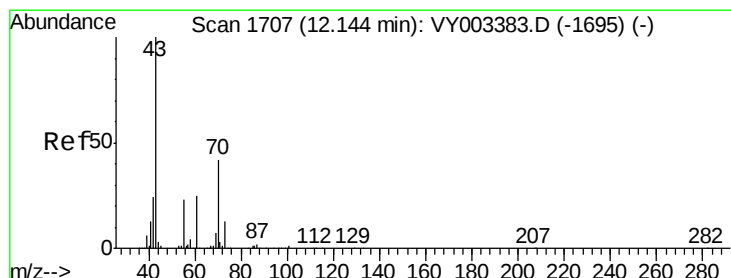
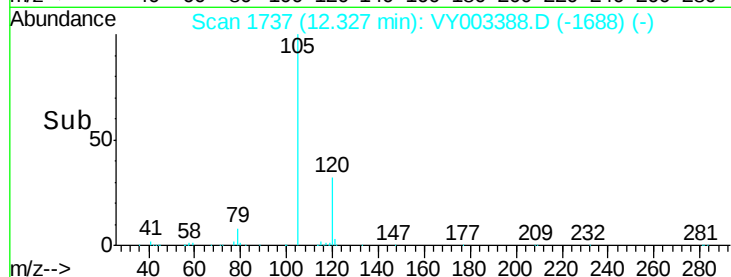
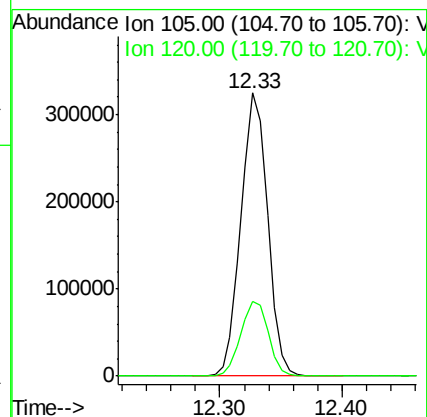
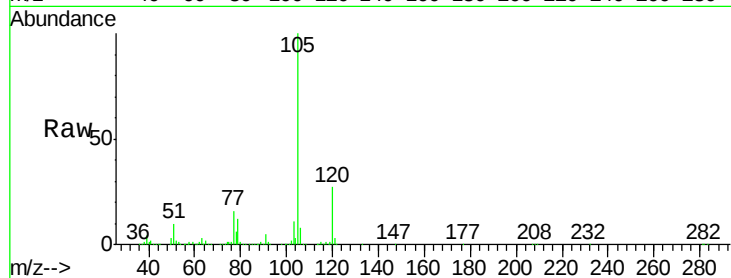
VY0731SBS01

Tot Ion:105 Resp: 490047

Ion Ratio Lower Upper

105 100

120 27.2 13.5 40.4



#74

N-ethyl acetate

Concen: 19.707 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY003388.D

Acq: 31 Jul 2020 14:46

Tgt Ion: 43 Resp: 141498

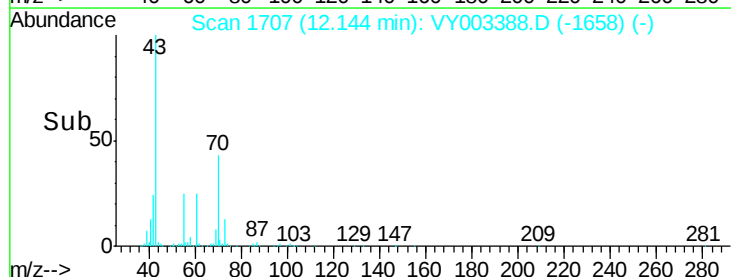
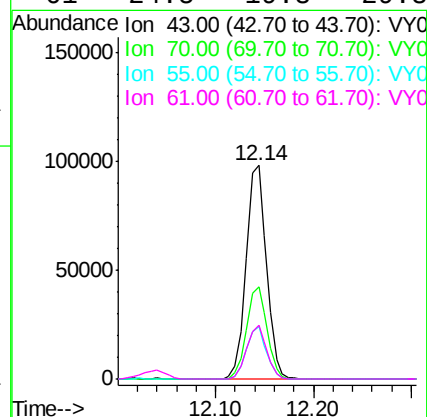
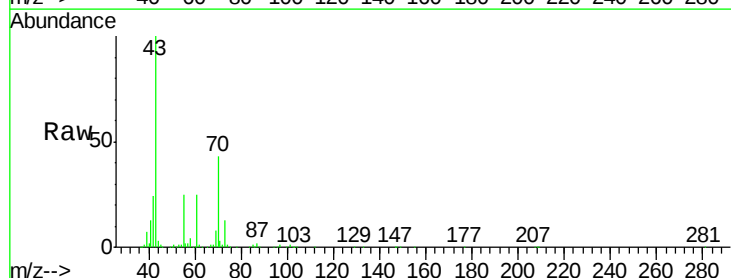
Ion Ratio Lower Upper

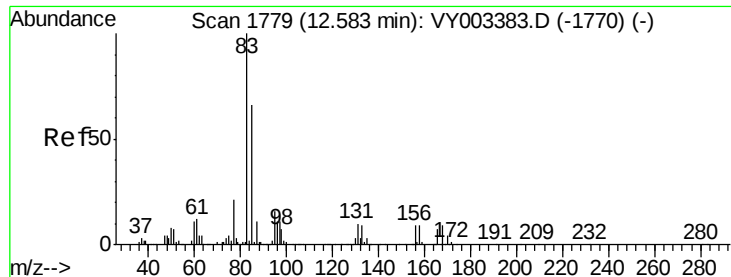
43 100

70 43.2 33.6 50.4

55 24.4 18.5 27.7

61 24.5 19.8 29.8





#75

1,1,2,2-Tetrachloroethane

Concen: 20.268 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY003388.D

Acq: 31 Jul 2020 14:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0731SBS01

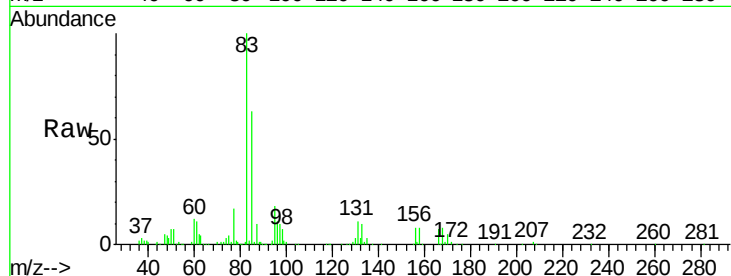
Tot Ion: 83 Resp: 97799

Ion Ratio Lower Upper

83 100

131 10.9 5.3 16.1

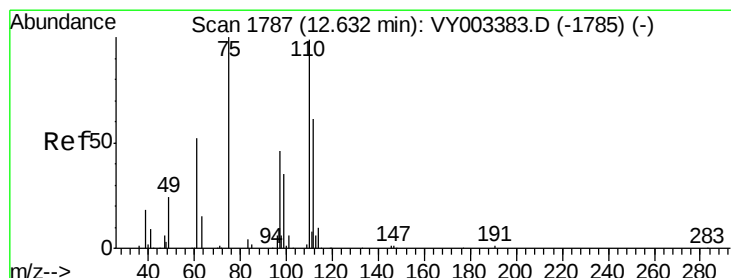
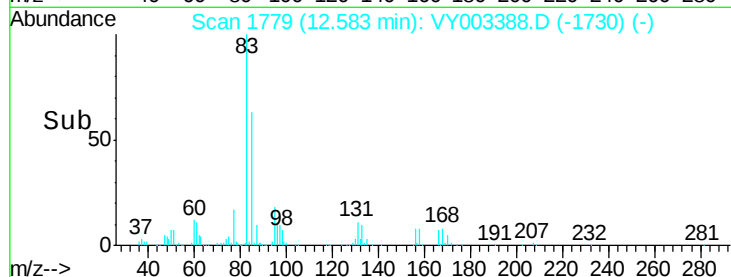
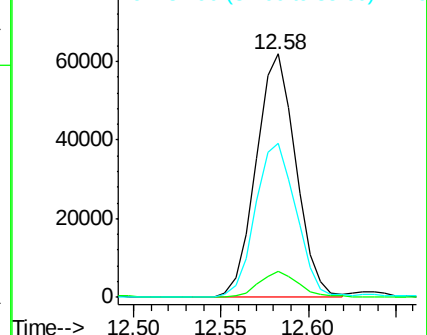
85 65.2 31.9 95.5



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 39.119 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY003388.D

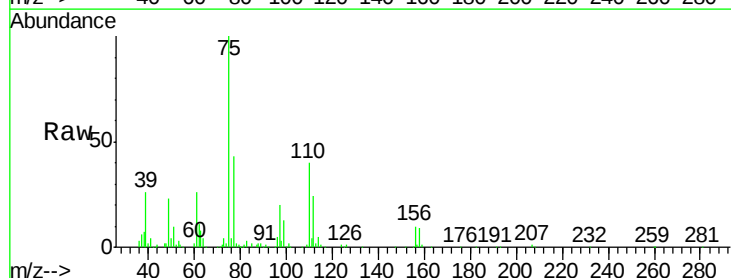
Acq: 31 Jul 2020 14:46

Tgt Ion: 75 Resp: 132462

Ion Ratio Lower Upper

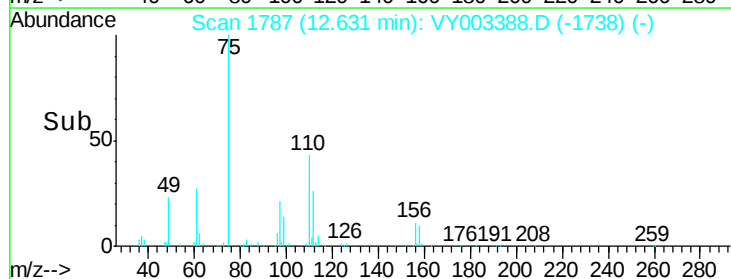
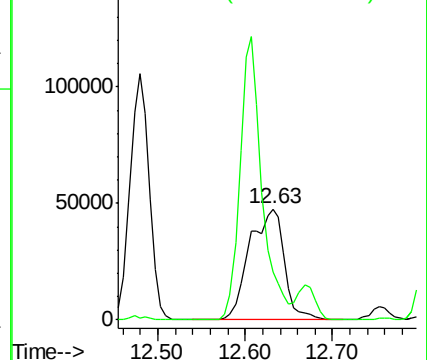
75 100

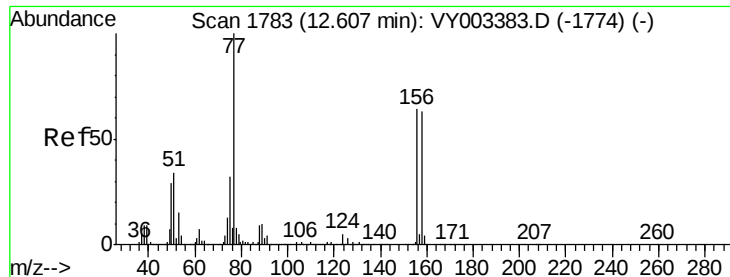
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 20.303 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY003388.D

Acq: 31 Jul 2020 14:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0731SBS01

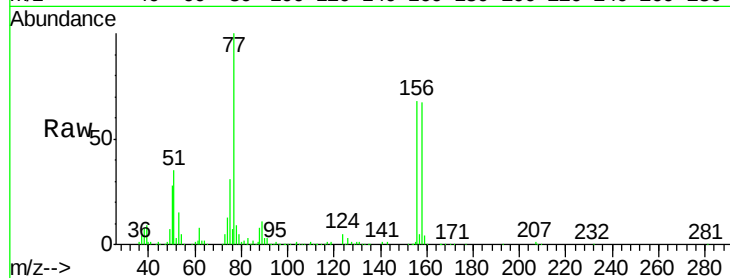
Tot Ion:156 Resp: 125670

Ion Ratio Lower Upper

156 100

77 170.1 87.5 262.5

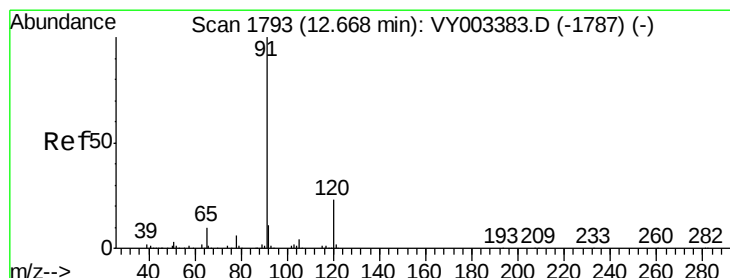
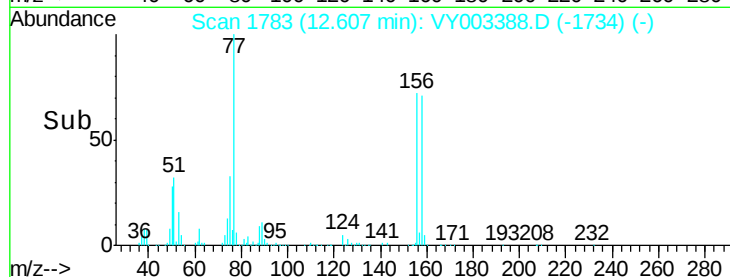
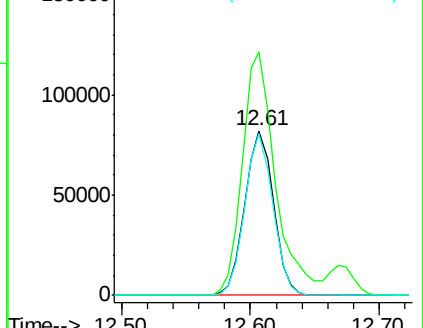
158 96.6 48.7 146.1



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: 20.405 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY003388.D

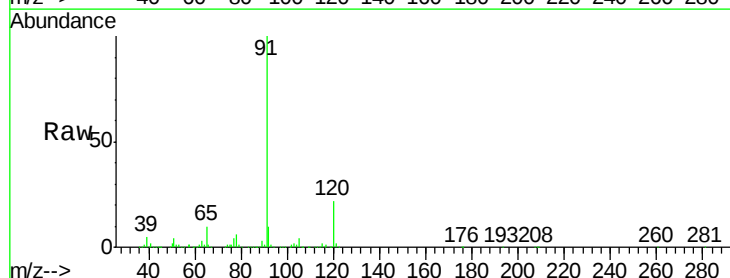
Acq: 31 Jul 2020 14:46

Tgt Ion: 91 Resp: 594948

Ion Ratio Lower Upper

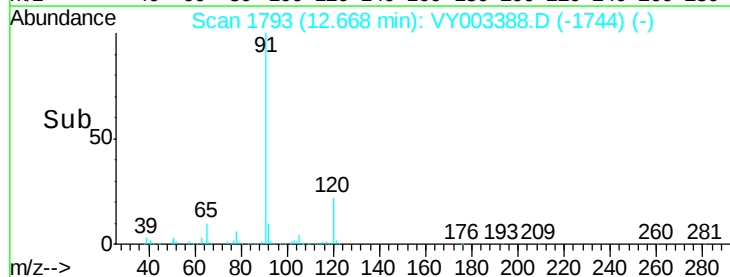
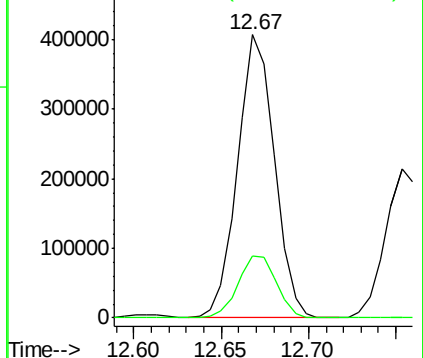
91 100

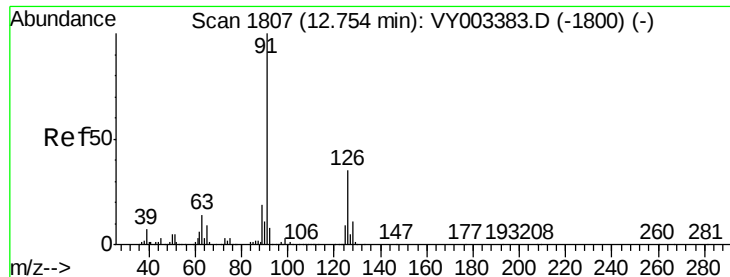
120 23.0 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

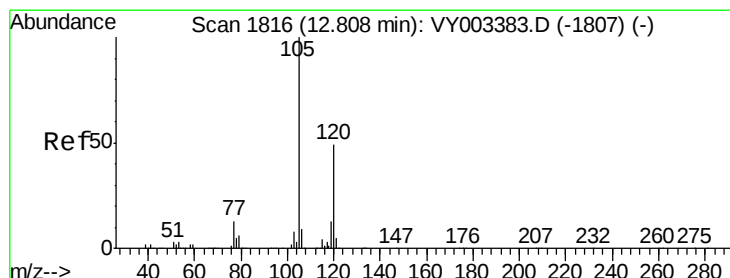
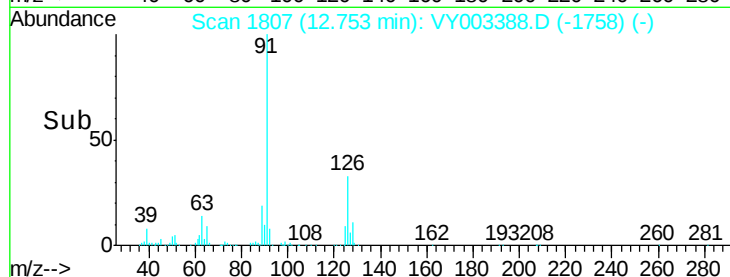
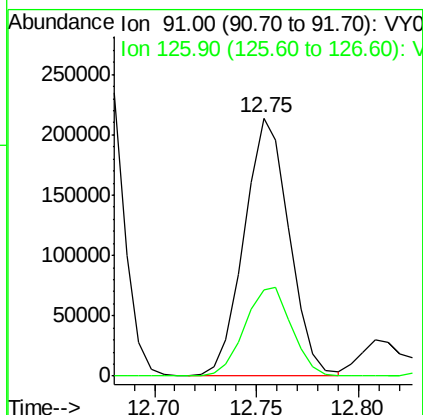
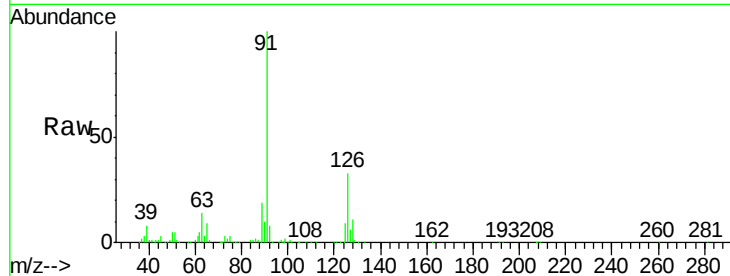




#79
2-Chlorotoluene
Concen: 20.291 ug/l
RT: 12.75 min Scan# 1807
Delta R.T. -0.00 min
Lab File: VY003388.D
Acq: 31 Jul 2020 14:46

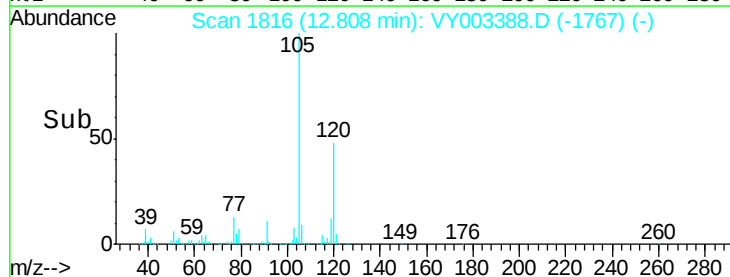
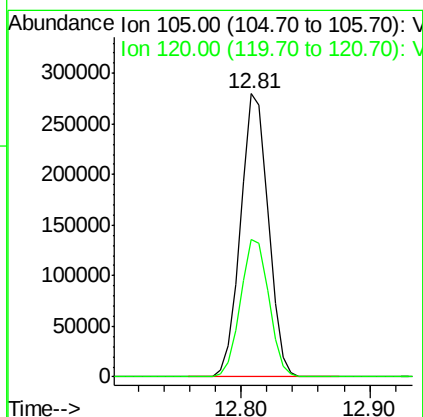
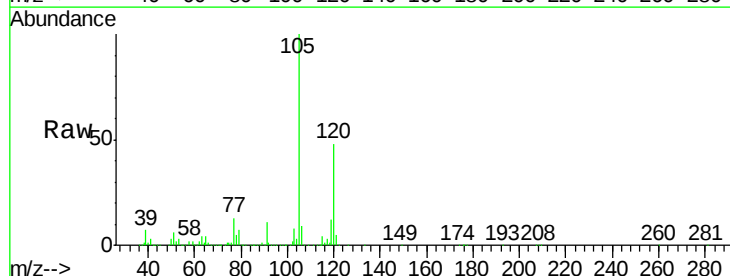
Instrument :
MSVOA_Y
ClientSampleId :
VY0731SBS01

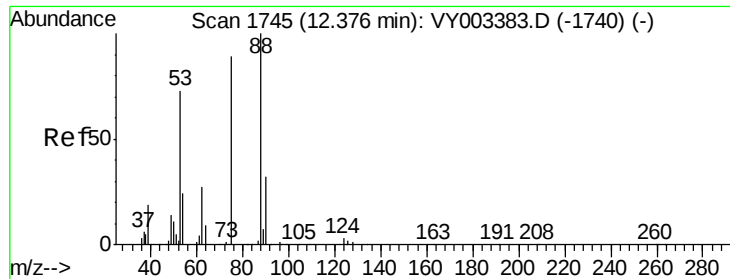
Tot Ion: 91 Resp: 328261
Ion Ratio Lower Upper
91 100
126 35.8 17.9 53.7



#80
1,3,5-Trimethylbenzene
Concen: 20.298 ug/l
RT: 12.81 min Scan# 1816
Delta R.T. -0.00 min
Lab File: VY003388.D
Acq: 31 Jul 2020 14:46

Tgt Ion:105 Resp: 415162
Ion Ratio Lower Upper
105 100
120 49.7 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 20.167 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY003388.D

Acq: 31 Jul 2020 14:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0731SBS01

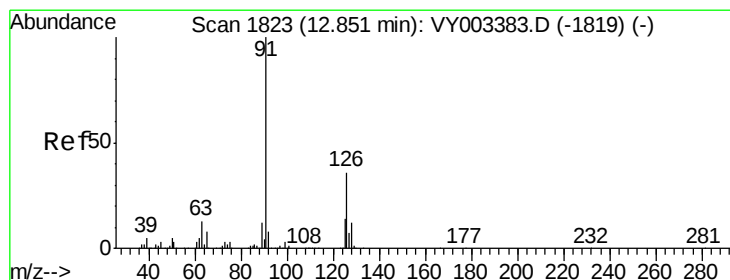
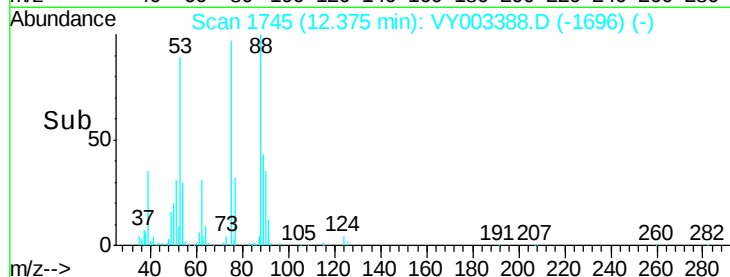
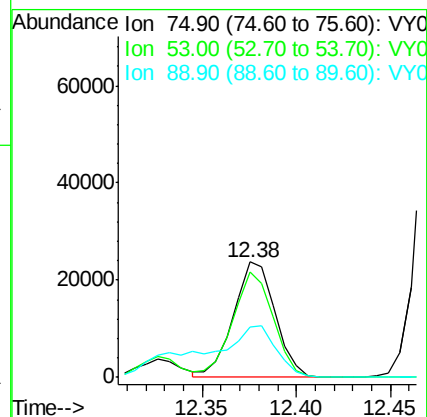
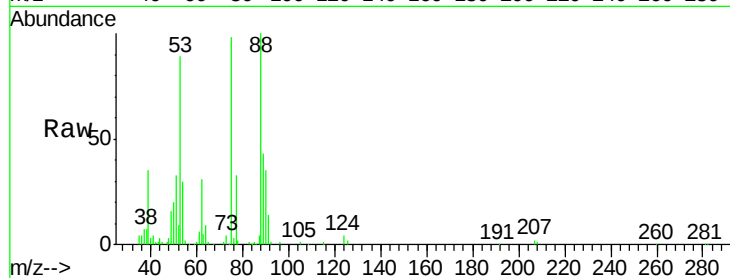
Tot Ion: 75 Resp: 36108

Ion Ratio Lower Upper

75 100

53 90.9 69.5 104.3

89 82.7 33.8 50.6#



#82

4-Chlorotoluene

Concen: 20.235 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.00 min

Lab File: VY003388.D

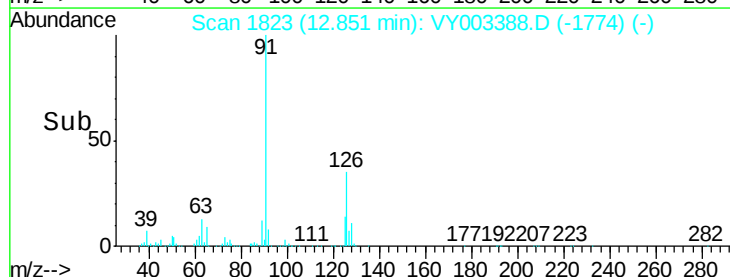
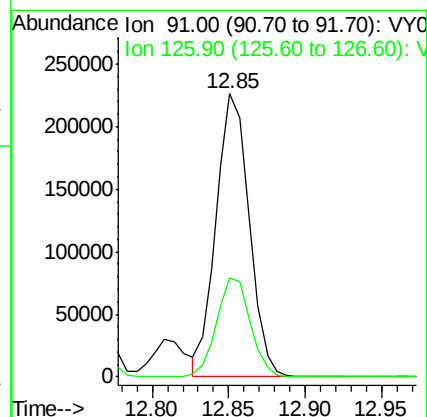
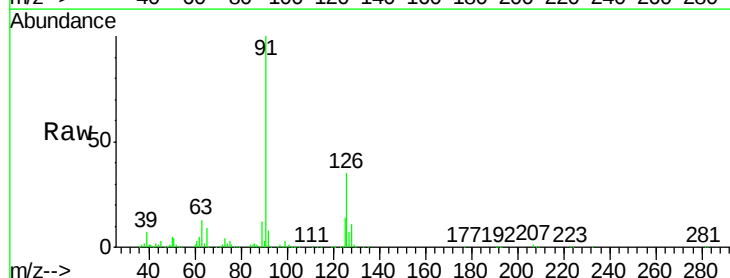
Acq: 31 Jul 2020 14:46

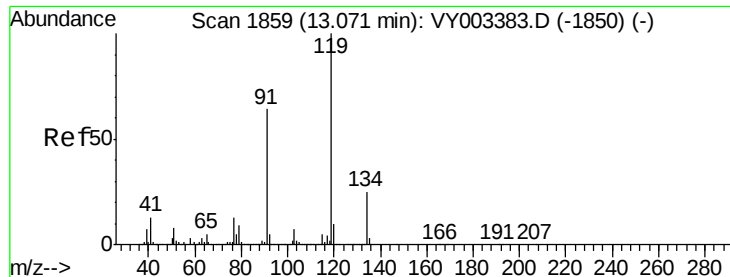
Tgt Ion: 91 Resp: 340162

Ion Ratio Lower Upper

91 100

126 35.6 18.1 54.4

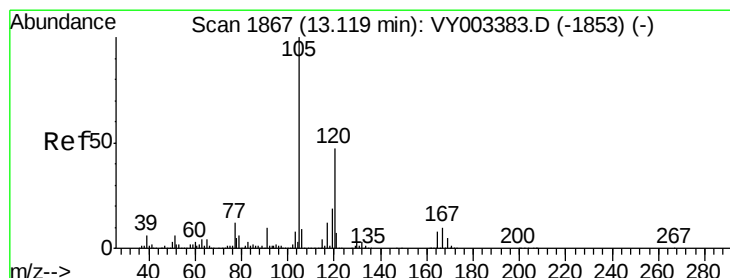
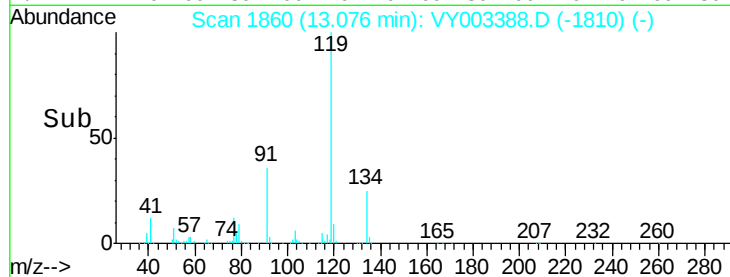
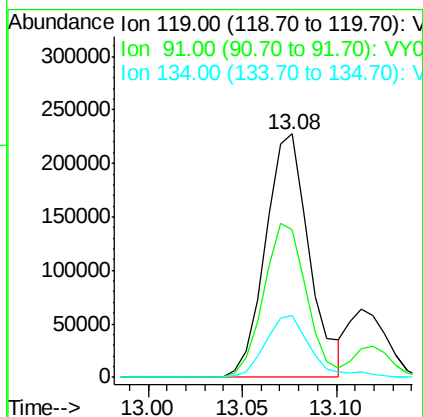
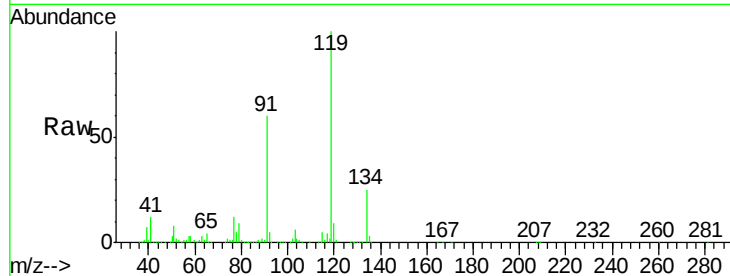




#83
 tert-Butylbenzene
 Concen: 20.683 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. 0.01 min
 Lab File: VY003388.D
 Acq: 31 Jul 2020 14:46

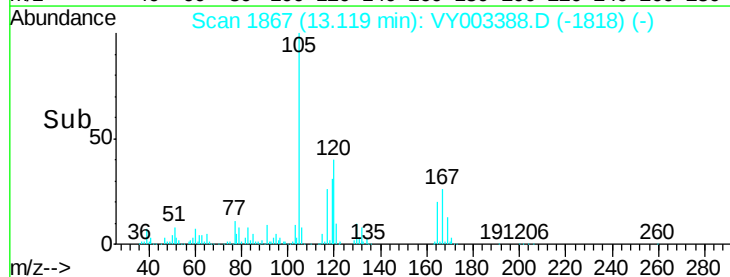
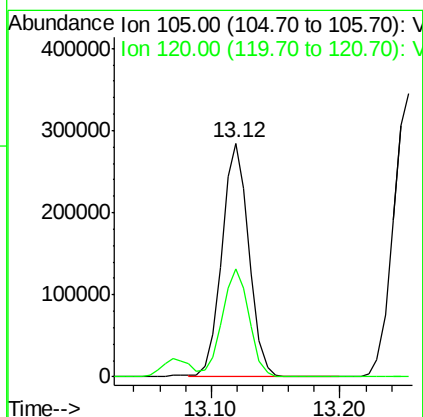
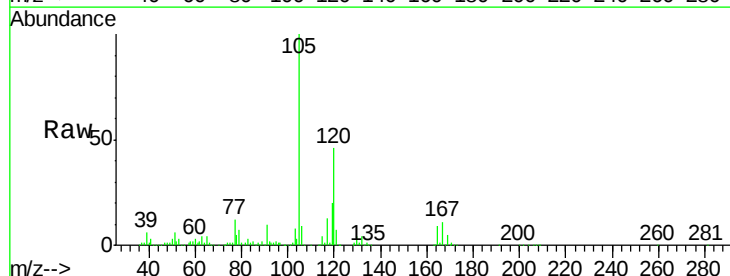
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0731SBS01

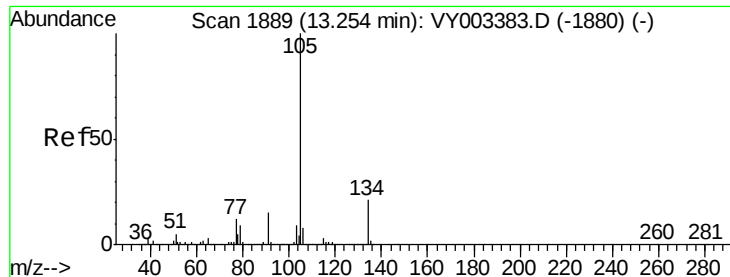
Tot Ion:119 Resp: 367266
 Ion Ratio Lower Upper
 119 100
 91 61.7 31.8 95.3
 134 26.5 13.6 40.8



#84
 1,2,4-Trimethylbenzene
 Concen: 20.334 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VY003388.D
 Acq: 31 Jul 2020 14:46

Tgt Ion:105 Resp: 418032
 Ion Ratio Lower Upper
 105 100
 120 46.2 23.4 70.3





#85

sec-Butylbenzene

Concen: 20.472 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY003388.D

Acq: 31 Jul 2020 14:46

Instrument :

MSVOA_Y

ClientSampleId :

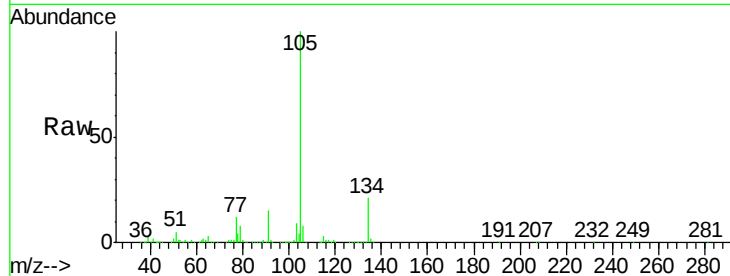
VY0731SBS01

Tot Ion:105 Resp: 505664

Ion Ratio Lower Upper

105 100

134 21.0 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.25

400000

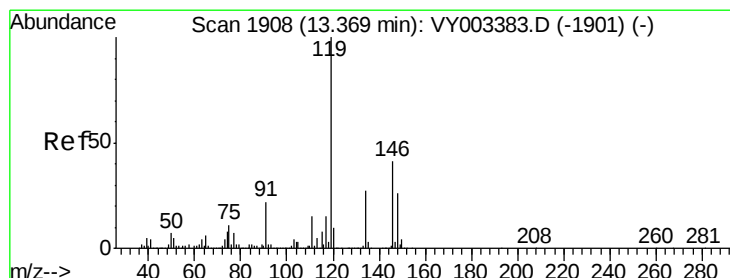
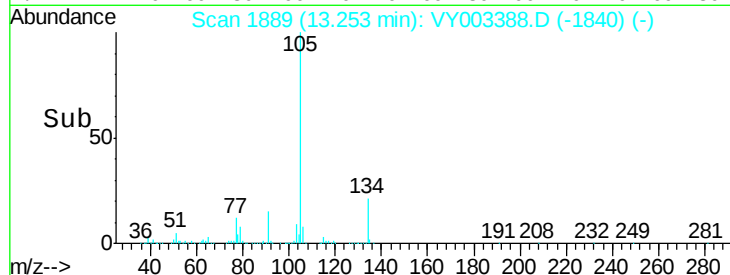
300000

200000

100000

0

Time--> 13.15 13.20 13.25 13.30



#86

p-Isopropyltoluene

Concen: 20.279 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY003388.D

Acq: 31 Jul 2020 14:46

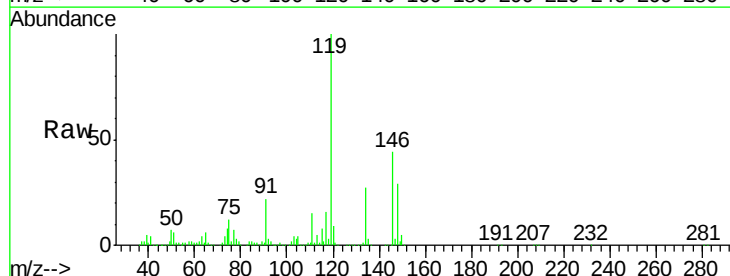
Tgt Ion:119 Resp: 468486

Ion Ratio Lower Upper

119 100

134 27.1 13.5 40.4

91 22.5 11.4 34.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

13.37

400000

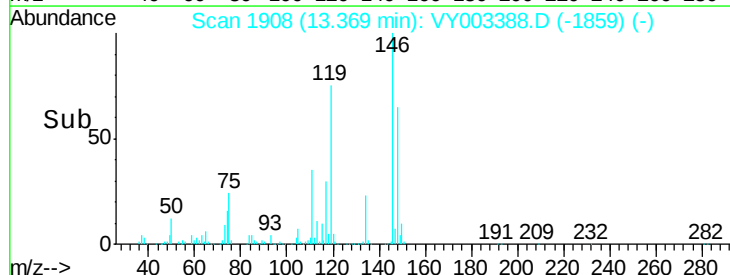
300000

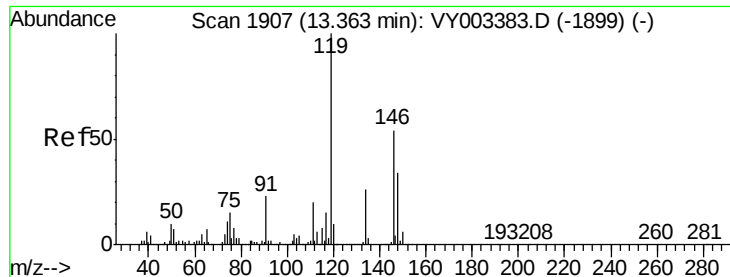
200000

100000

0

Time--> 13.30 13.40

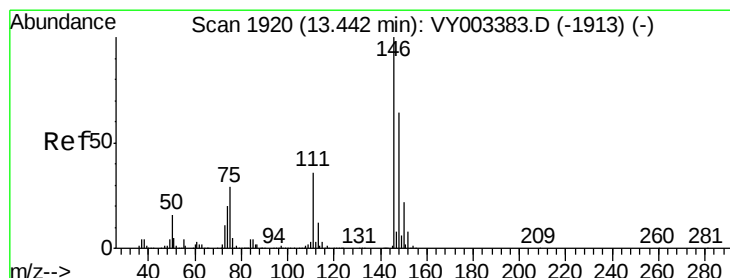
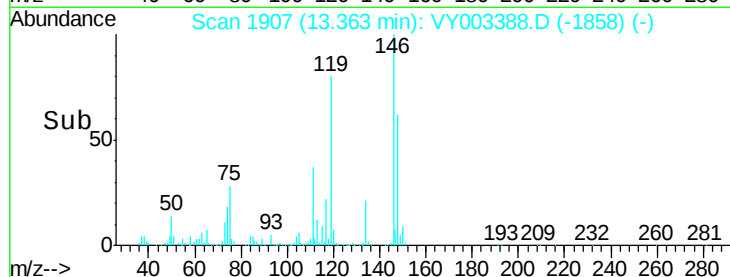
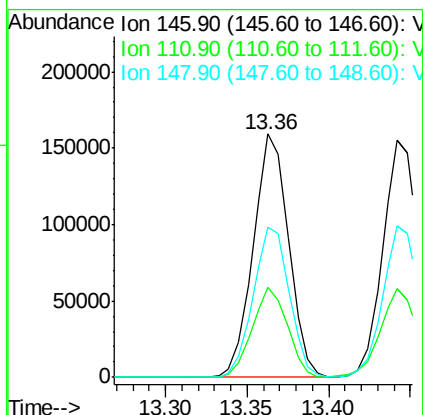
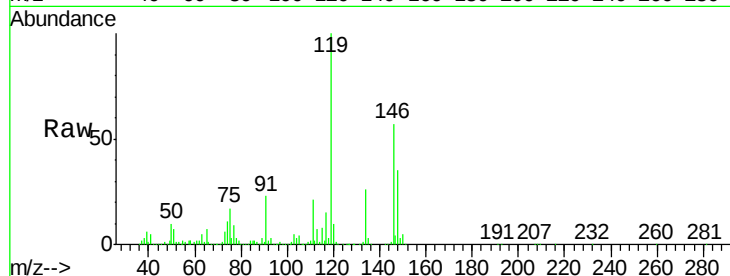




#87
 1,3-Dichlorobenzene
 Concen: 20.322 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY003388.D
 Acq: 31 Jul 2020 14:46

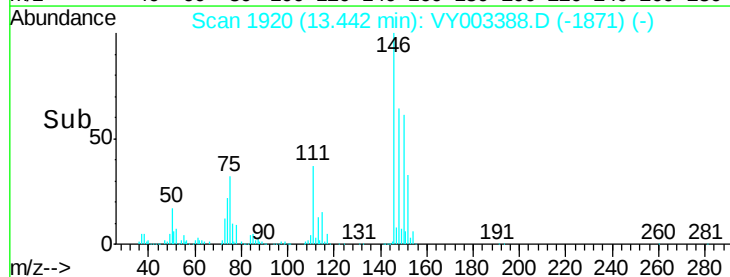
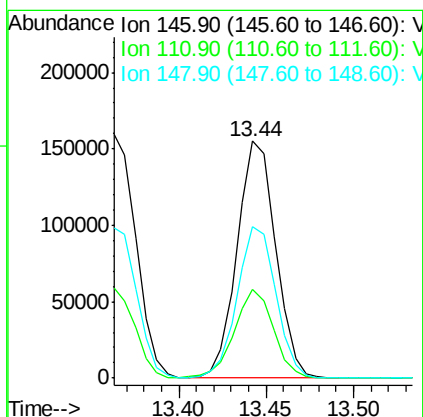
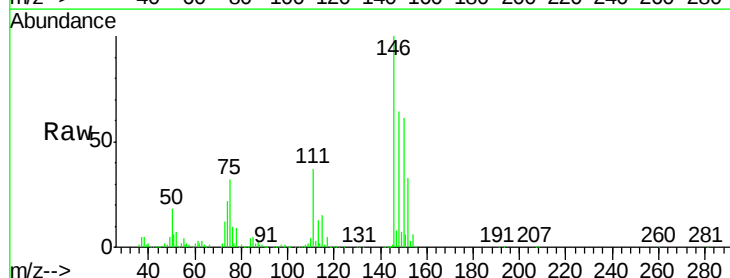
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0731SBS01

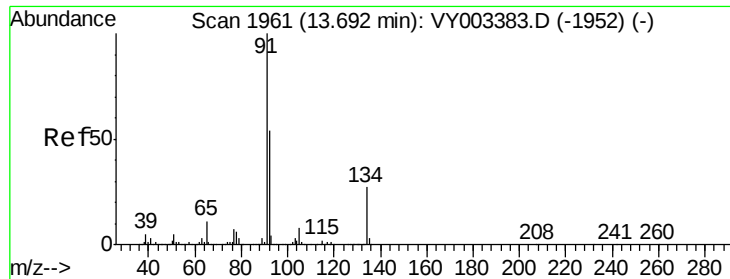
Tot Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.8	56.4
148	62.9	31.9	95.9



#88
 1,4-Dichlorobenzene
 Concen: 20.432 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY003388.D
 Acq: 31 Jul 2020 14:46

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.1	54.3
148	64.5	32.1	96.3

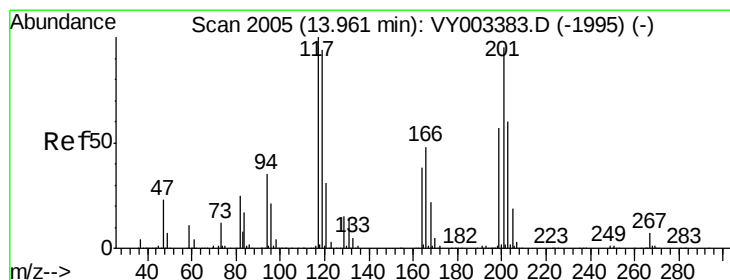
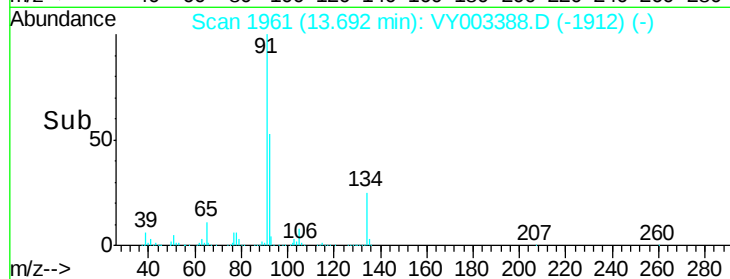
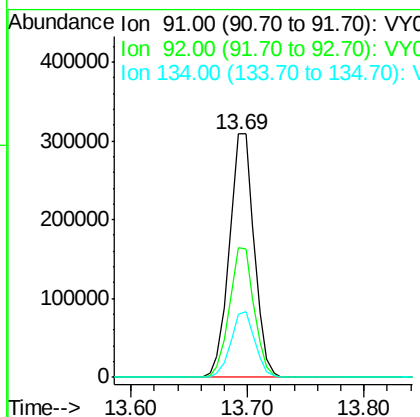
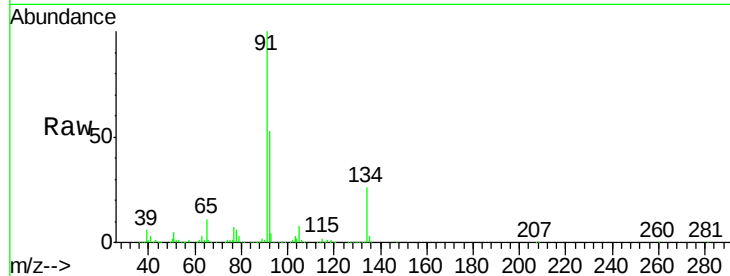




#89
n-Butylbenzene
Concen: 20.926 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY003388.D
Acq: 31 Jul 2020 14:46

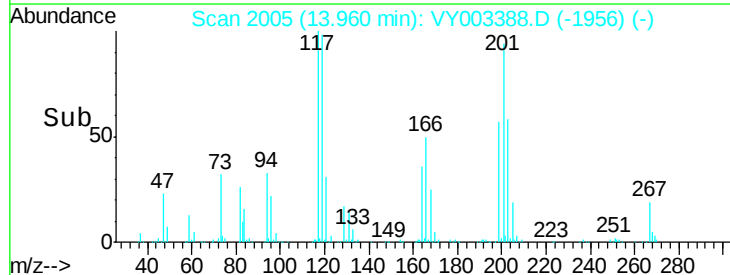
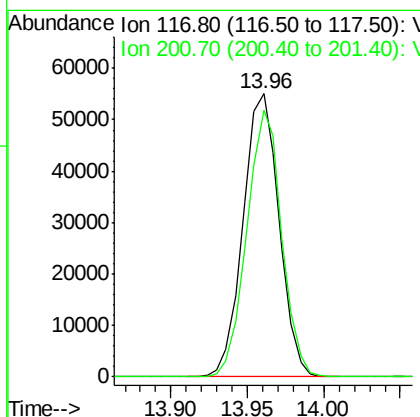
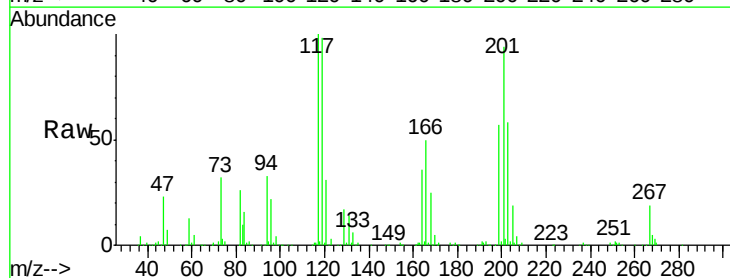
Instrument :
MSVOA_Y
ClientSampleId :
VY0731SBS01

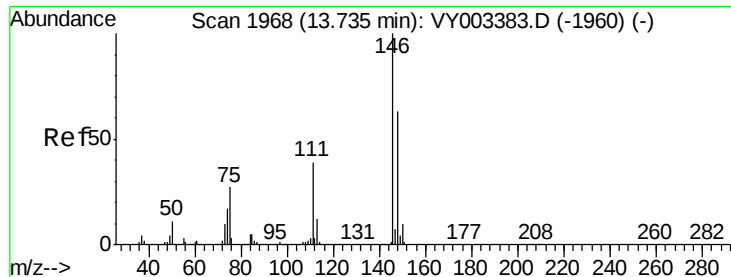
Tot Ion: 91 Resp: 456865
Ion Ratio Lower Upper
91 100
92 53.1 26.9 80.6
134 26.2 13.6 40.7



#90
Hexachloroethane
Concen: 20.335 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY003388.D
Acq: 31 Jul 2020 14:46

Tgt Ion: 117 Resp: 89996
Ion Ratio Lower Upper
117 100
201 91.0 44.7 134.1

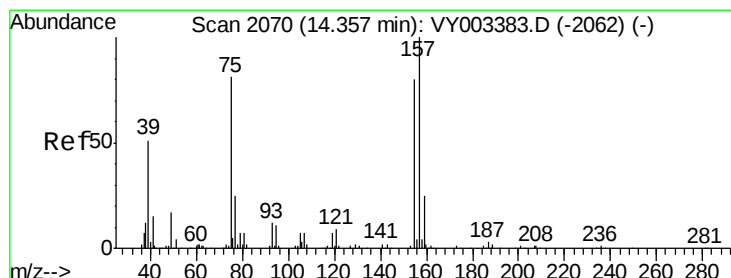
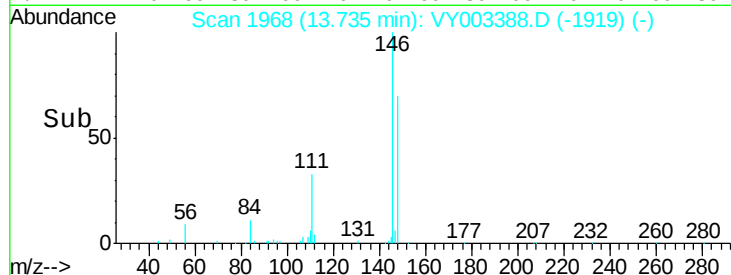
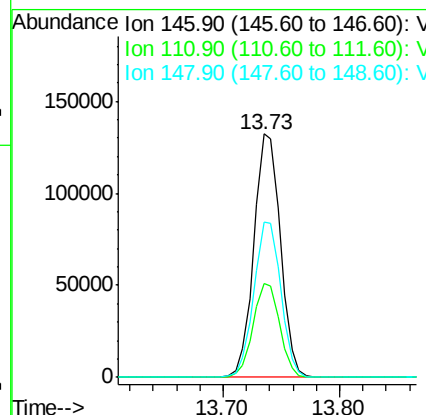
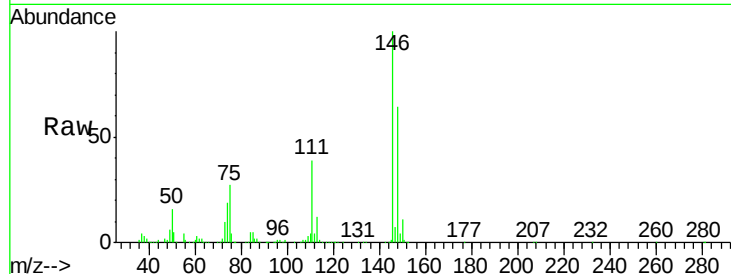




#91
 1,2-Dichlorobenzene
 Concen: 20.180 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VY003388.D
 Acq: 31 Jul 2020 14:46

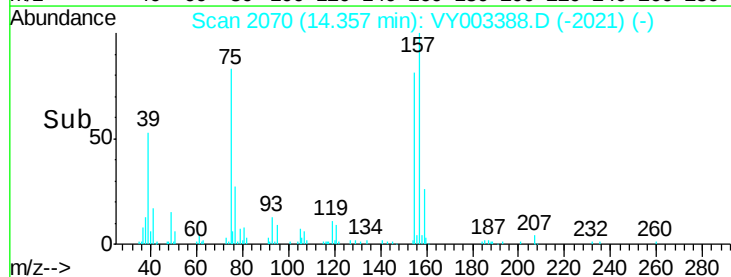
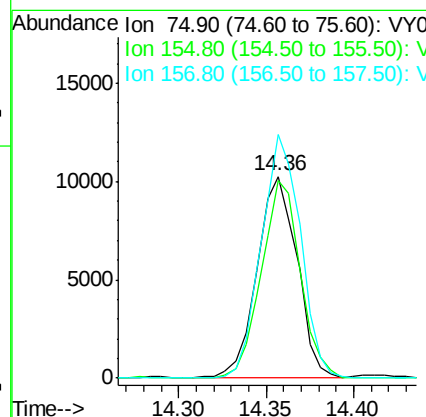
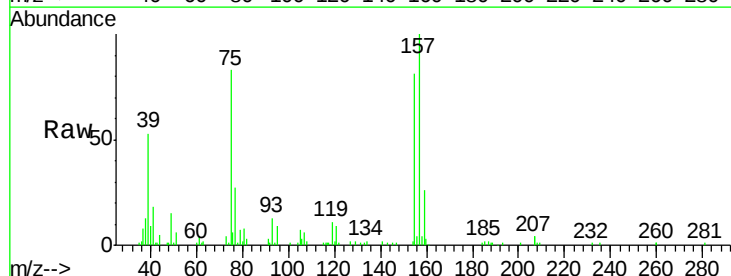
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0731SBS01

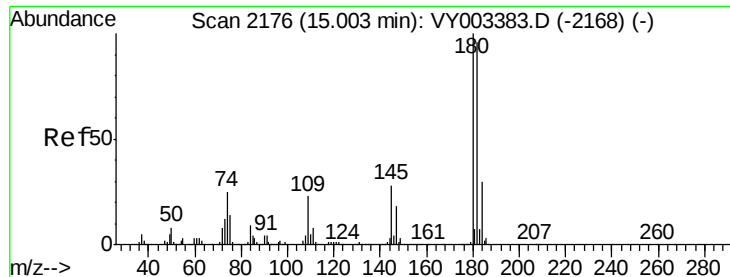
Tot Ion:146 Resp: 210617
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.2 57.6
 148 65.1 32.1 96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.918 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY003388.D
 Acq: 31 Jul 2020 14:46

Tgt Ion: 75 Resp: 16262
 Ion Ratio Lower Upper
 75 100
 155 95.7 48.8 146.4
 157 119.0 60.9 182.6

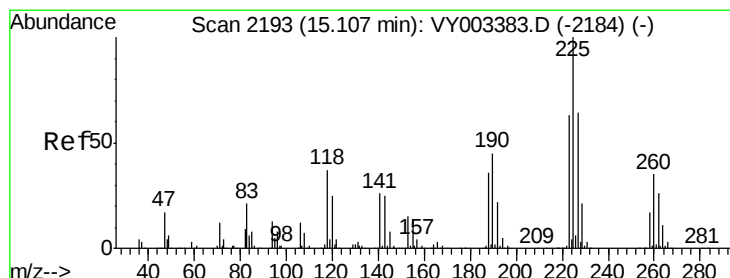
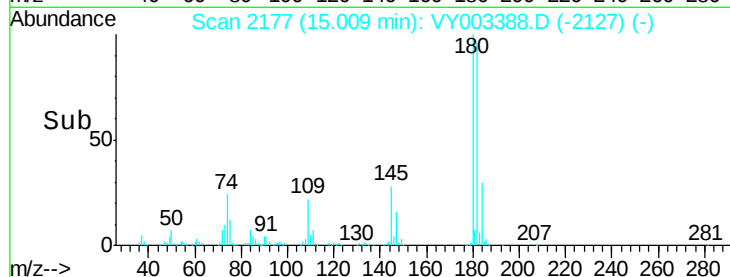
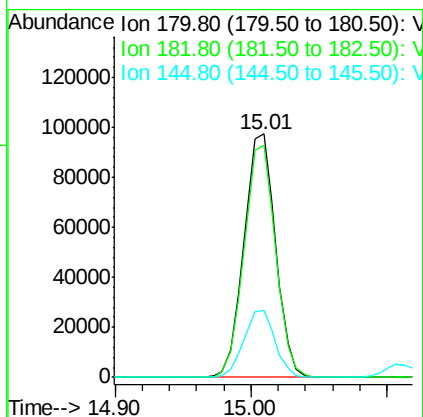
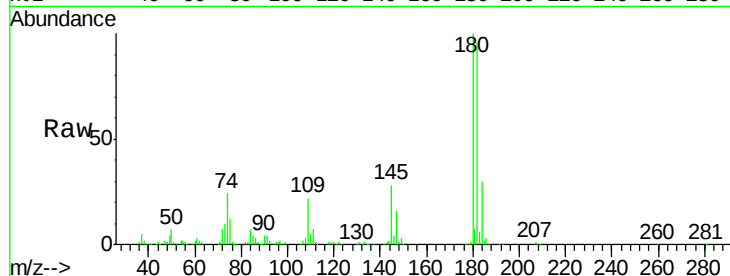




#93
 1,2,4-Trichlorobenzene
 Concen: 21.334 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.01 min
 Lab File: VY003388.D
 Acq: 31 Jul 2020 14:46

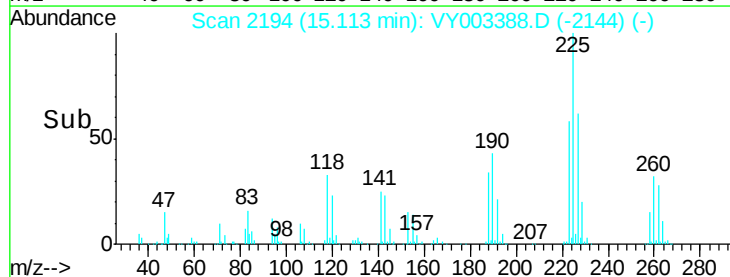
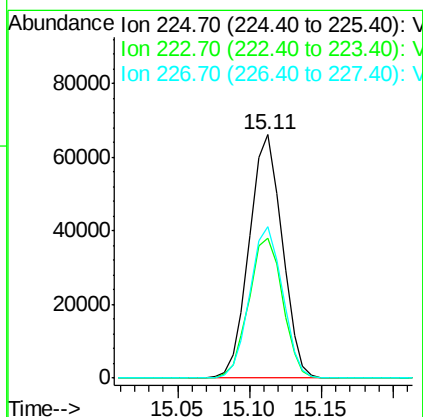
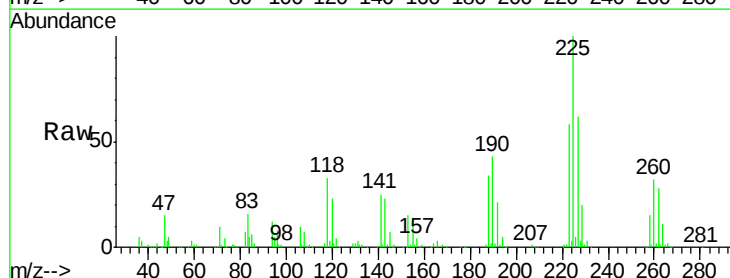
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0731SBS01

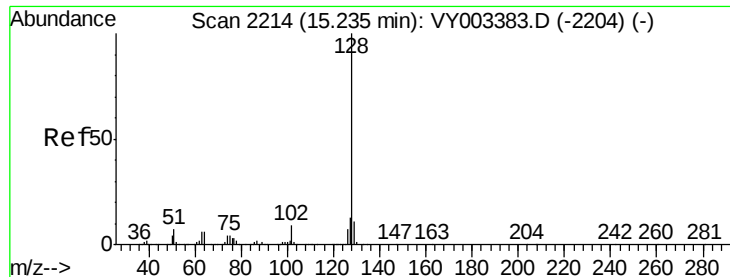
Tot Ion:180 Resp: 157793
 Ion Ratio Lower Upper
 180 100
 182 95.4 48.2 144.6
 145 27.6 13.8 41.3



#94
 Hexachlorobutadiene
 Concen: 21.392 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.01 min
 Lab File: VY003388.D
 Acq: 31 Jul 2020 14:46

Tgt Ion:225 Resp: 104784
 Ion Ratio Lower Upper
 225 100
 223 59.0 31.6 94.8
 227 61.9 32.0 96.2

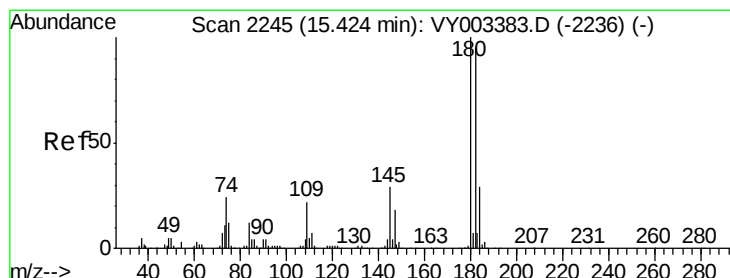
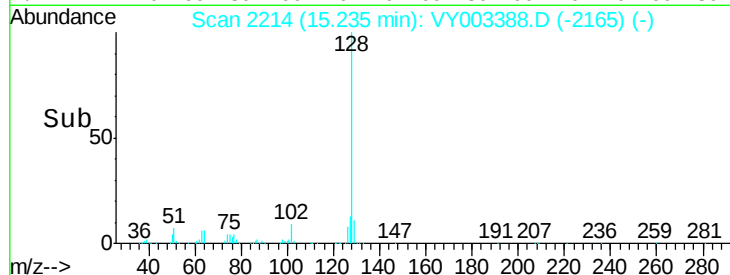
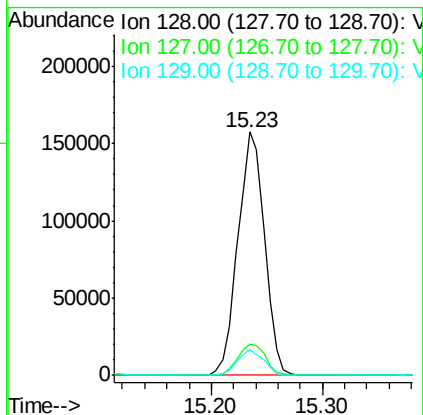
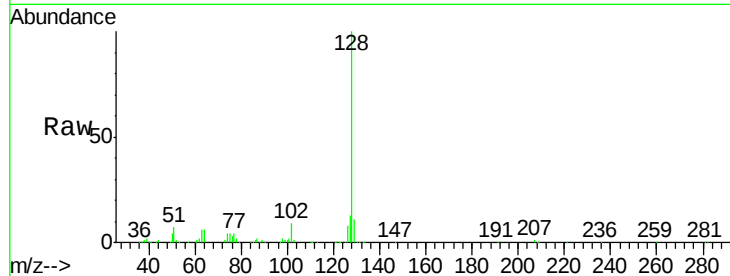




#95
Naphthalene
Concen: 20.794 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY003388.D
Acq: 31 Jul 2020 14:46

Instrument :
MSVOA_Y
ClientSampleId :
VY0731SBS01

Tot Ion:128 Resp: 260515
Ion Ratio Lower Upper
128 100
127 13.4 10.4 15.6
129 10.5 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 20.980 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY003388.D
Acq: 31 Jul 2020 14:46

Tgt Ion:180 Resp: 125539
Ion Ratio Lower Upper
180 100
182 98.2 47.4 142.2
145 29.0 14.5 43.5

