

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY063020\
 Data File : VY003031.D
 Acq On : 30 Jun 2020 12:55
 Operator : SY/MD
 Sample : VY0630SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0630SBS01

Quant Time: Jul 01 05:10:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	531115	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	760967	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	683594	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	365515	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	240772	45.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.28%	
35) Dibromofluoromethane	7.72	113	233585	49.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.42%	
50) Toluene-d8	10.18	98	863194	48.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.62%	
62) 4-Bromofluorobenzene	12.48	95	306783	49.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	71772	17.844	ug/l	99
3) Chloromethane	2.12	50	99502	16.893	ug/l	96
4) Vinyl Chloride	2.26	62	109395	19.040	ug/l	99
5) Bromomethane	2.65	94	91722	23.512	ug/l	98
6) Chloroethane	2.79	64	75483	20.652	ug/l	94
7) Trichlorofluoromethane	3.13	101	160683	19.815	ug/l	97
8) Diethyl Ether	3.54	74	54049	19.442	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.91	101	100863	20.831	ug/l	99
10) Methyl Iodide	4.10	142	120352	20.045	ug/l	98
11) Tert butyl alcohol	4.97	59	50227	93.430	ug/l	99
12) 1,1-Dichloroethene	3.88	96	95290	20.684	ug/l	92
13) Acrolein	3.74	56	45797	94.851	ug/l	99
14) Allyl chloride	4.48	41	149525	18.589	ug/l	97
15) Acrylonitrile	5.18	53	135912	94.860	ug/l	99
16) Acetone	3.96	43	109781	88.241	ug/l	98
17) Carbon Disulfide	4.20	76	289467	19.665	ug/l	99
18) Methyl Acetate	4.49	43	65301	19.482	ug/l	95
19) Methyl tert-butyl Ether	5.23	73	271780	20.238	ug/l	97
20) Methylene Chloride	4.72	84	136783	20.529	ug/l	92
21) trans-1,2-Dichloroethene	5.22	96	106908	20.515	ug/l	94
22) Diisopropyl ether	6.13	45	321009	18.620	ug/l	99
23) Vinyl Acetate	6.07	43	1080531	93.746	ug/l	97
24) 1,1-Dichloroethane	6.02	63	184649	19.607	ug/l	99
25) 2-Butanone	7.00	43	183074	92.636	ug/l	96
26) 2,2-Dichloropropane	6.99	77	172087	20.112	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	117176	20.047	ug/l	98
28) Bromochloromethane	7.34	49	71949	17.170	ug/l	89
29) Tetrahydrofuran	7.36	42	124404	94.660	ug/l	96
30) Chloroform	7.51	83	186057	19.942	ug/l	99
31) Cyclohexane	7.78	56	178039	19.190	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	171732	20.165	ug/l	100
36) 1,1-Dichloropropene	7.93	75	147961	20.186	ug/l	98
37) Ethyl Acetate	7.09	43	86063	19.528	ug/l	98
38) Carbon Tetrachloride	7.91	117	156160	20.476	ug/l	93

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Instrument :
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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	188774	20.772	ug/l	98
40) Benzene	8.16	78	408634	20.363	ug/l	99
41) Methacrylonitrile	7.35	41	113250	48.105	ug/l #	1
42) 1,2-Dichloroethane	8.24	62	126948	19.997	ug/l	100
43) Isopropyl Acetate	8.28	43	165542	19.759	ug/l	98
44) Trichloroethene	8.94	130	125317	21.485	ug/l	99
45) 1,2-Dichloropropane	9.22	63	107685	19.946	ug/l	93
46) Dibromomethane	9.31	93	61711	20.466	ug/l	98
47) Bromodichloromethane	9.50	83	149874	20.299	ug/l	99
48) Methyl methacrylate	9.30	41	74783	19.610	ug/l	98
49) 1,4-Dioxane	9.30	88	15544	422.294	ug/l	91
51) 4-Methyl-2-Pentanone	10.07	43	424724	98.081	ug/l	98
52) Toluene	10.24	92	261750	20.720	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	154985	20.021	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	177732	20.076	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	86837	20.724	ug/l	94
56) Ethyl methacrylate	10.51	69	124215	20.479	ug/l	97
57) 1,3-Dichloropropane	10.79	76	148043	20.126	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	282408	90.784	ug/l	99
59) 2-Hexanone	10.83	43	300105	99.151	ug/l	98
60) Dibromochloromethane	10.99	129	111719	20.834	ug/l	99
61) 1,2-Dibromoethane	11.09	107	86807	21.014	ug/l	99
64) Tetrachloroethene	10.72	164	125614	21.712	ug/l	99
65) Chlorobenzene	11.52	112	286915	21.286	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	109993	20.901	ug/l	99
67) Ethyl Benzene	11.60	91	516670	20.952	ug/l	100
68) m/p-Xylenes	11.70	106	387637	42.237	ug/l	99
69) o-Xylene	12.03	106	181504	20.987	ug/l	98
70) Styrene	12.04	104	313479	21.217	ug/l	98
71) Bromoform	12.21	173	74954	21.360	ug/l	99
73) Isopropylbenzene	12.33	105	500160	20.908	ug/l	99
74) N-amyl acetate	12.14	43	155696	19.993	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	102678	21.270	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	143416	39.645	ug/l #	100
77) Bromobenzene	12.61	156	129184	21.062	ug/l	96
78) n-propylbenzene	12.67	91	598023	20.787	ug/l	100
79) 2-Chlorotoluene	12.75	91	342128	21.306	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	420386	20.942	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	37956	20.414	ug/l	98
82) 4-Chlorotoluene	12.85	91	363447	21.738	ug/l	99
83) tert-Butylbenzene	13.08	119	369987	20.991	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	423253	20.925	ug/l	99
85) sec-Butylbenzene	13.25	105	515348	21.212	ug/l	99
86) p-Isopropyltoluene	13.37	119	473998	21.055	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	240759	21.025	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	239850	21.242	ug/l	99
89) n-Butylbenzene	13.70	91	457510	21.241	ug/l	99
90) Hexachloroethane	13.96	117	93157	20.839	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	218162	21.235	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	19637	22.979	ug/l	97

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Tue Jun 30 04:11:35 2020
Response via : Initial Calibration

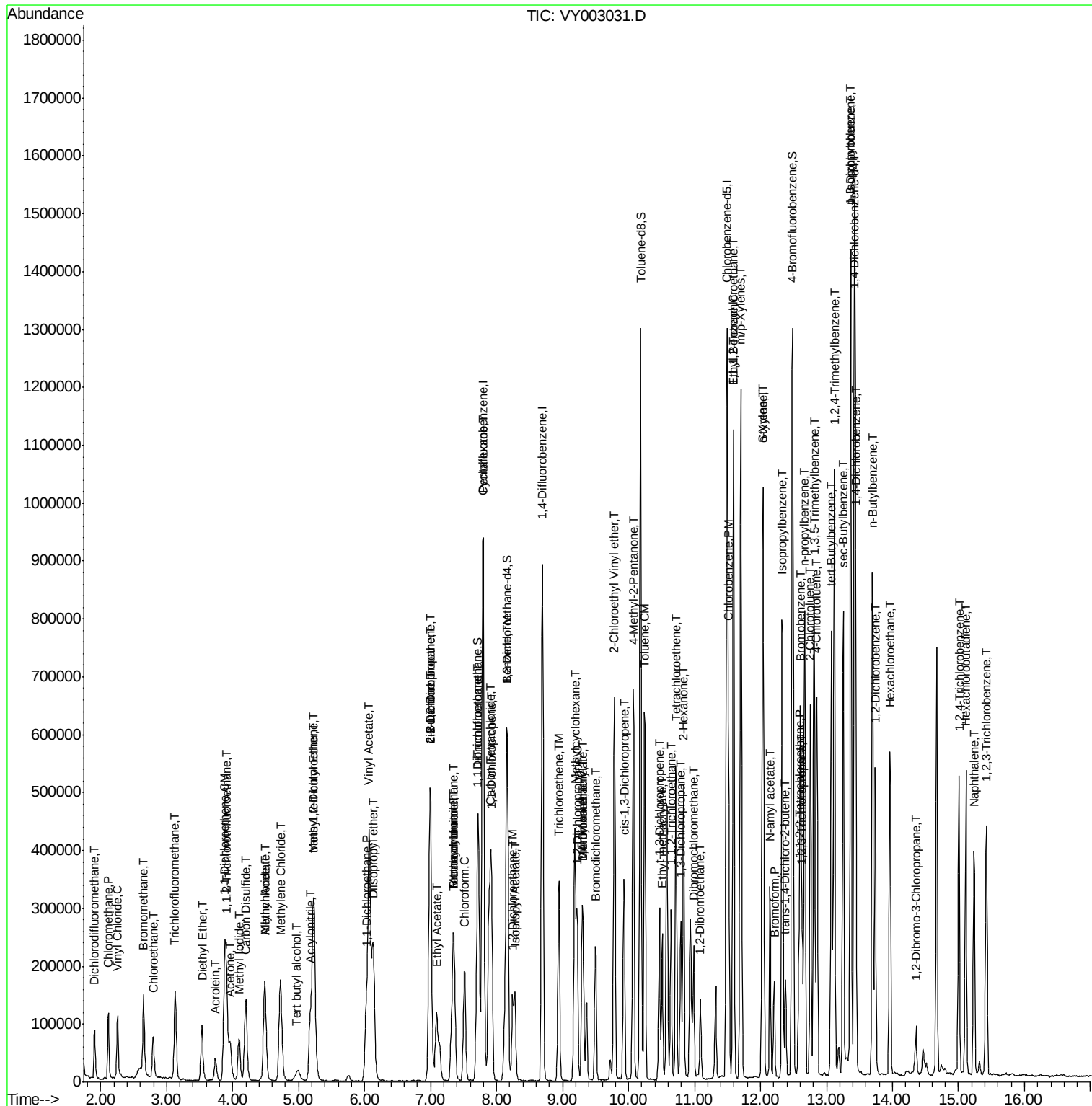
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	166709	21.837	ug/l	99
94) Hexachlorobutadiene	15.11	225	105552	21.920	ug/l	99
95) Naphthalene	15.23	128	312893	22.439	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	142511	21.498	ug/l	98

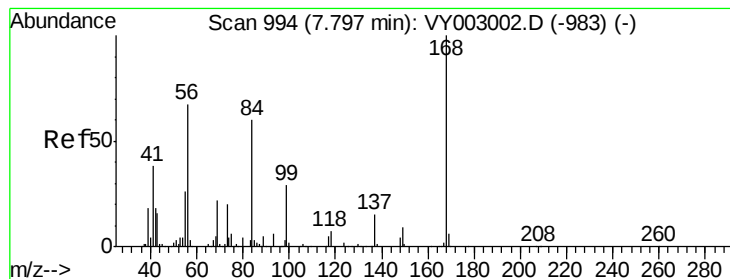
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY063020\
 Data File : VY003031.D
 Acq On : 30 Jun 2020 12:55
 Operator : SY/MD
 Sample : VY0630SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY003031.D

Acq: 30 Jun 2020 12:55

Instrument :

MSVOA_Y

ClientSampleId :

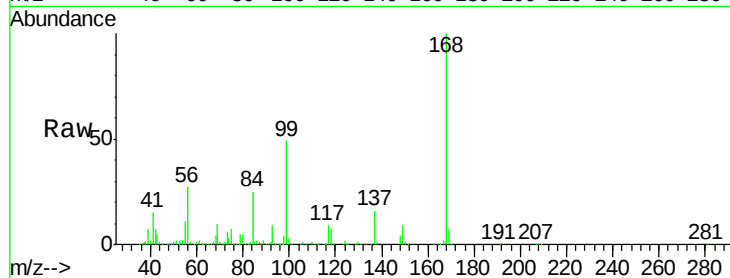
VY0630SBS01

Tot Ion:168 Resp: 531115

Ion Ratio Lower Upper

168 100

99 49.2 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY003002.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY003002.D (-983) (-)

7.80

250000

200000

150000

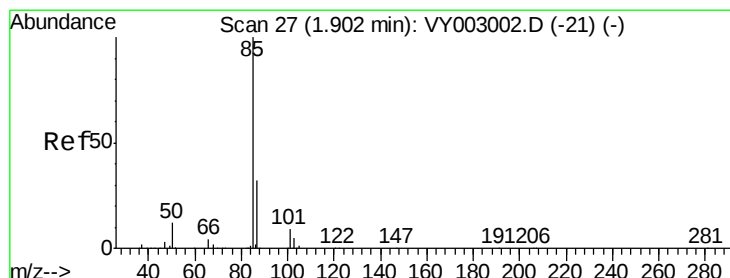
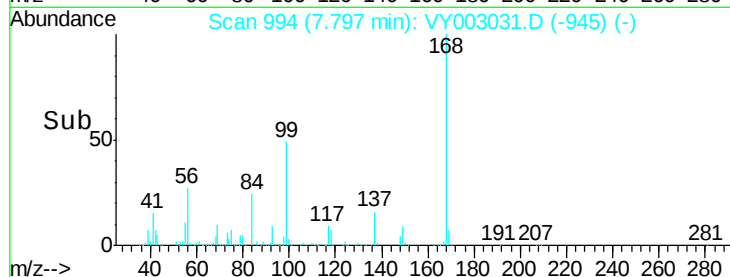
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 17.844 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY003031.D

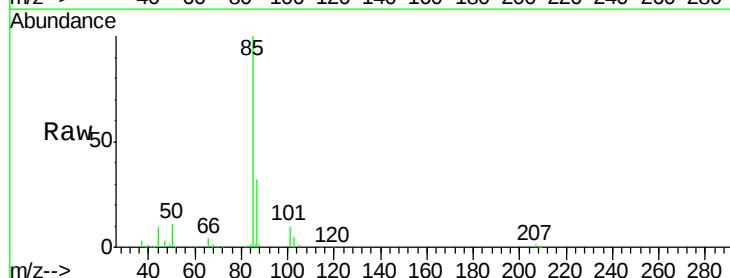
Acq: 30 Jun 2020 12:55

Tgt Ion: 85 Resp: 71772

Ion Ratio Lower Upper

85 100

87 32.4 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VY003002.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY003002.D (-21) (-)

1.91

50000

40000

30000

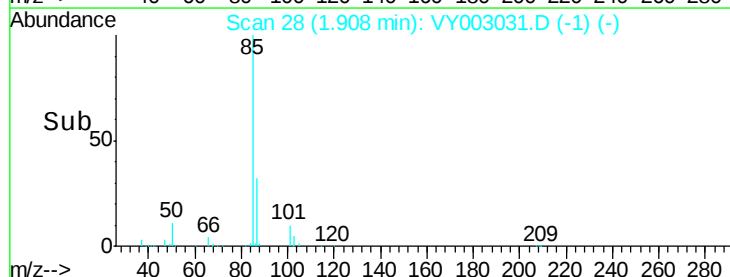
20000

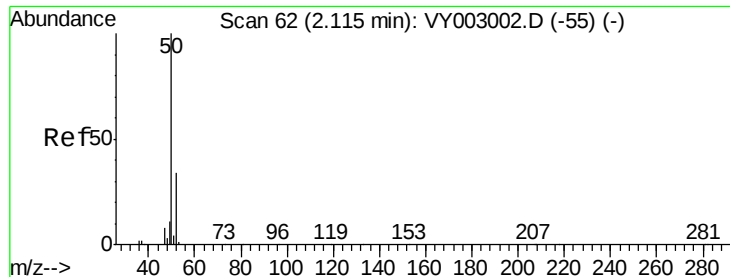
10000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 16.893 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003031.D

Acq: 30 Jun 2020 12:55

Instrument :

MSVOA_Y

ClientSampleId :

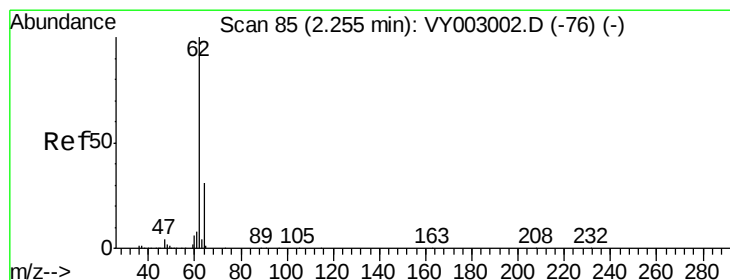
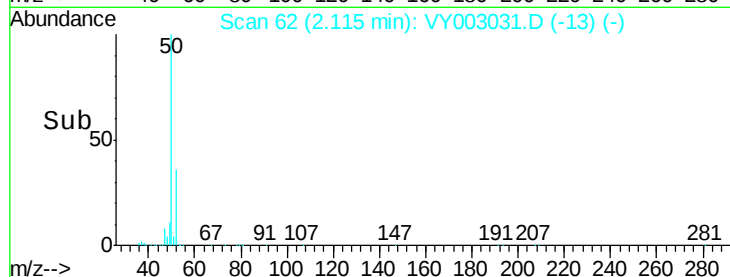
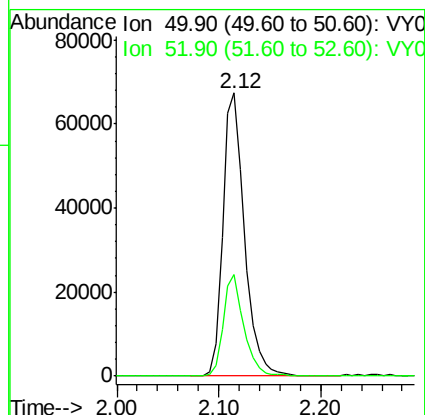
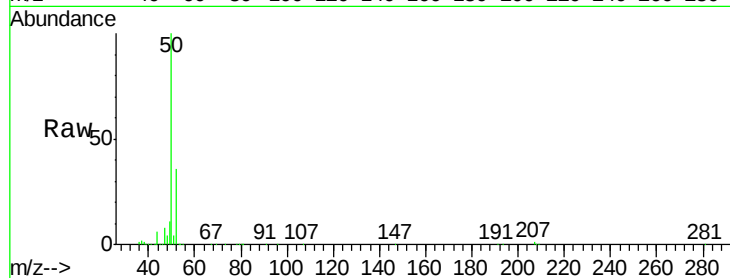
VY0630SBS01

Tot Ion: 50 Resp: 99502

Ion Ratio Lower Upper

50 100

52 35.8 26.9 40.3



#4

Vinyl Chloride

Concen: 19.040 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.00 min

Lab File: VY003031.D

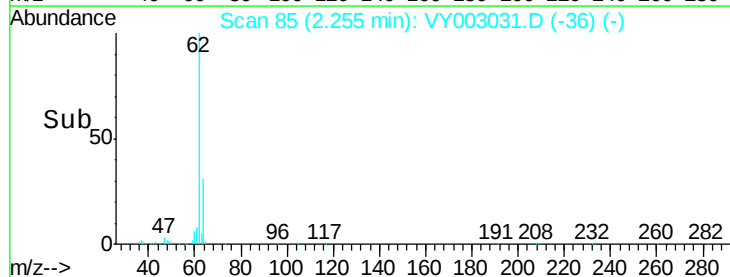
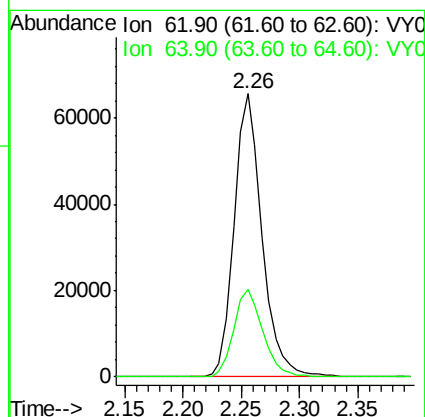
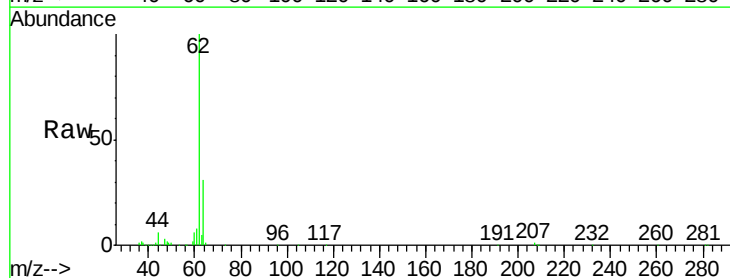
Acq: 30 Jun 2020 12:55

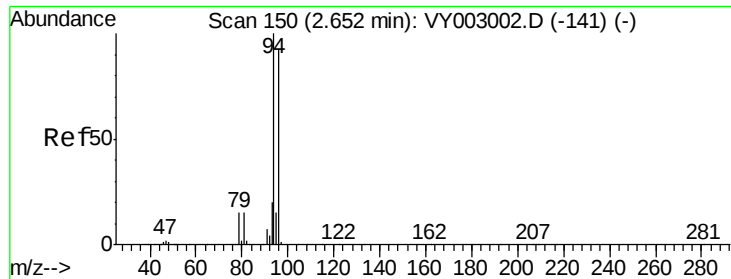
Tgt Ion: 62 Resp: 109395

Ion Ratio Lower Upper

62 100

64 30.9 24.4 36.6





#5

Bromomethane

Concen: 23.512 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.00 min

Lab File: VY003031.D

Acq: 30 Jun 2020 12:55

Instrument :

MSVOA_Y

ClientSampleId :

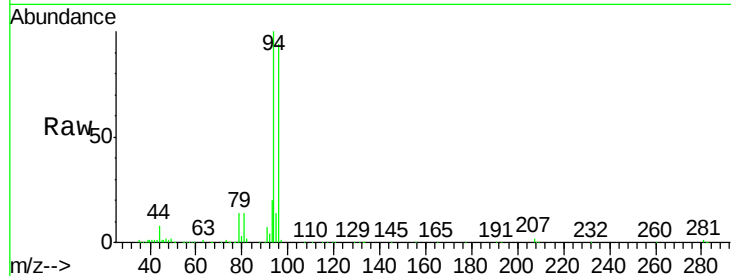
VY0630SBS01

Tot Ion: 94 Resp: 91722

Ion Ratio Lower Upper

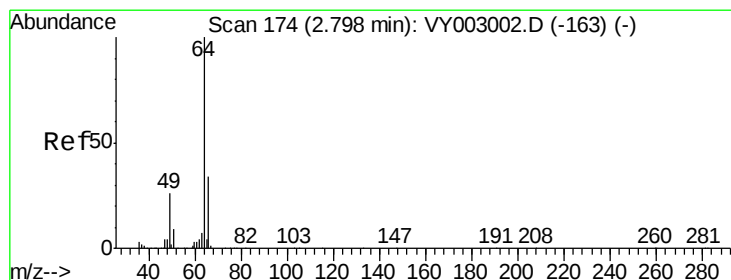
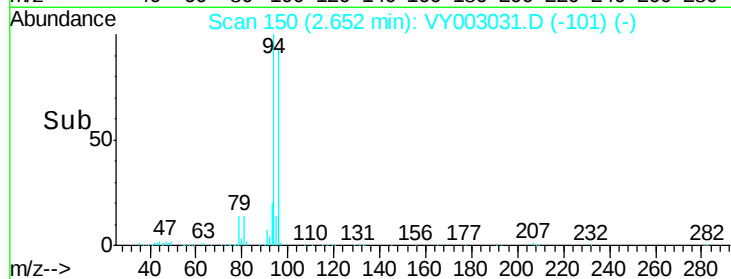
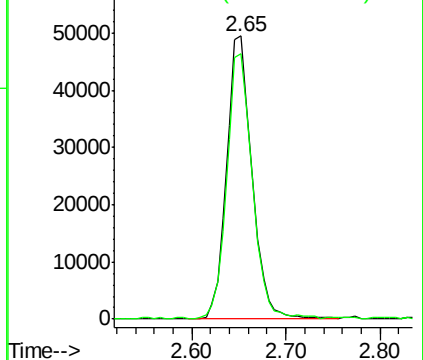
94 100

96 93.6 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 20.652 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.01 min

Lab File: VY003031.D

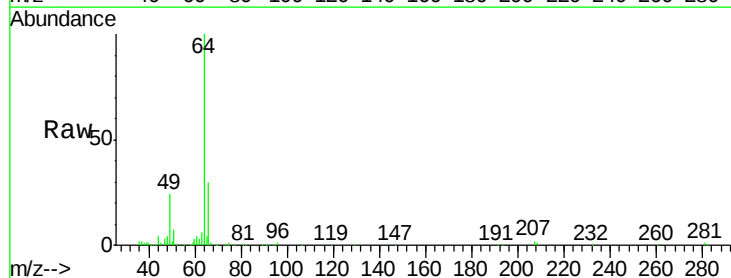
Acq: 30 Jun 2020 12:55

Tgt Ion: 64 Resp: 75483

Ion Ratio Lower Upper

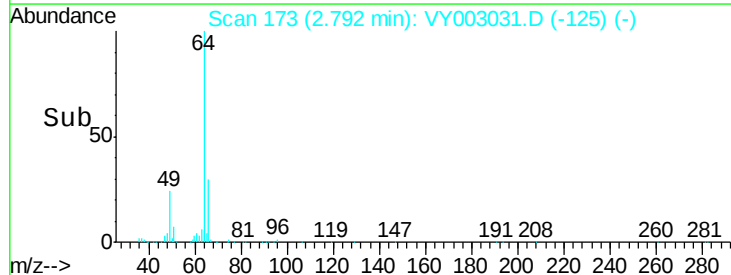
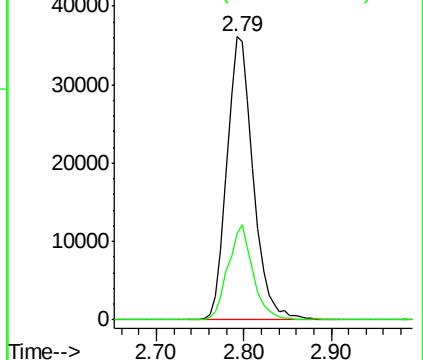
64 100

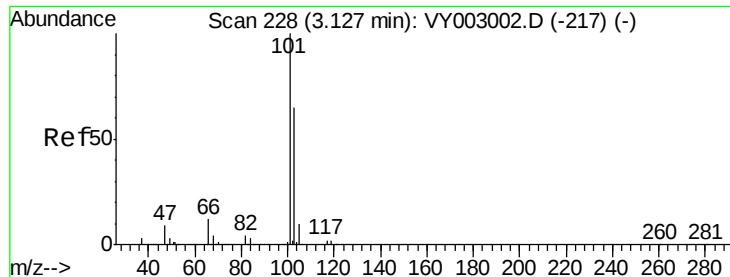
66 30.3 27.0 40.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



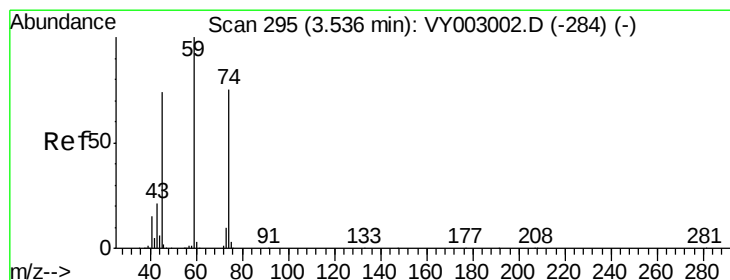
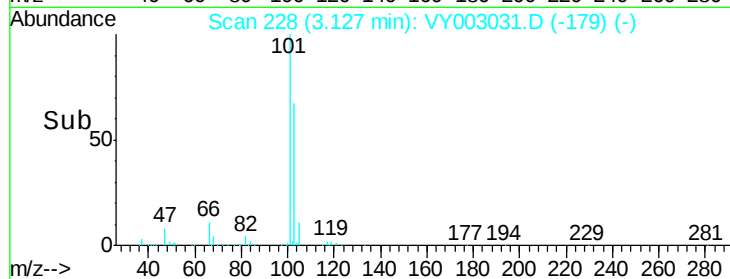
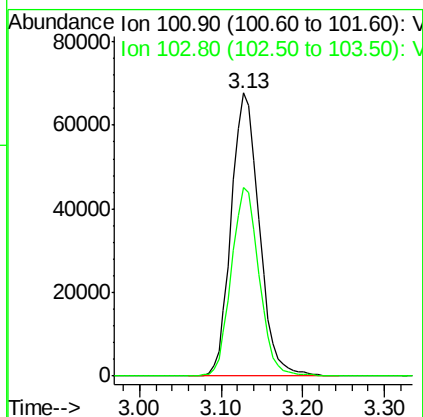
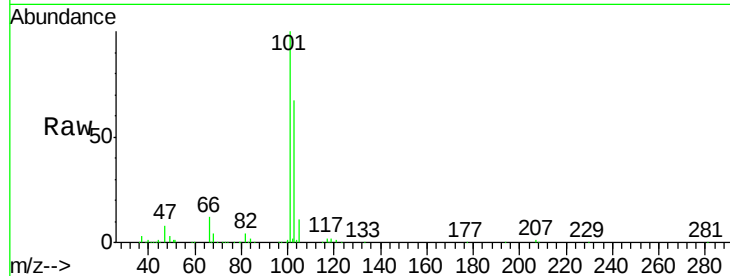


#7

Trichlorofluoromethane
 Concen: 19.815 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.00 min
 Lab File: VY003031.D
 Acq: 30 Jun 2020 12:55

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 MSVOA_Y
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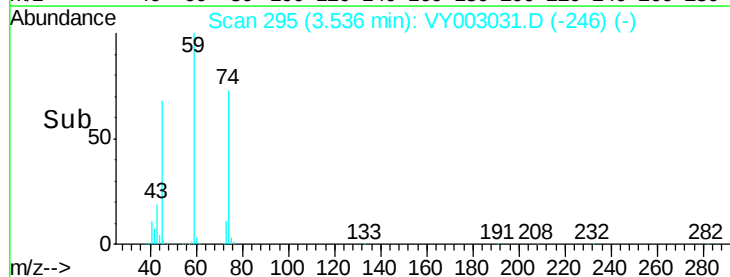
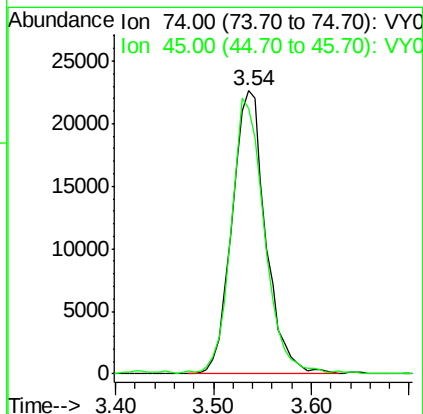
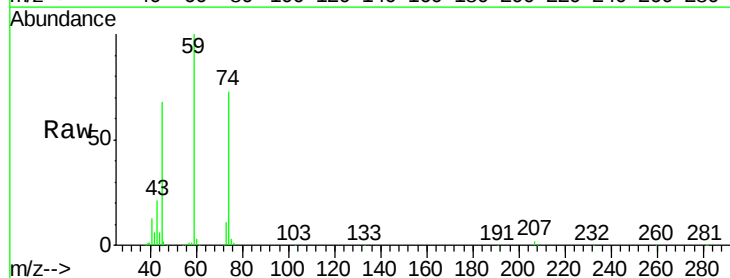
Tot Ion:101 Resp: 160683
 Ion Ratio Lower Upper
 101 100
 103 66.9 51.6 77.4

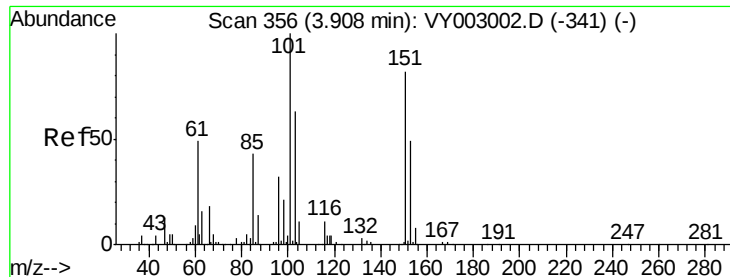


#8

Diethyl Ether
 Concen: 19.442 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. -0.00 min
 Lab File: VY003031.D
 Acq: 30 Jun 2020 12:55

Tgt Ion: 74 Resp: 54049
 Ion Ratio Lower Upper
 74 100
 45 96.7 49.3 147.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.831 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.00 min

Lab File: VY003031.D

Acq: 30 Jun 2020 12:55

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VY0630SBS01

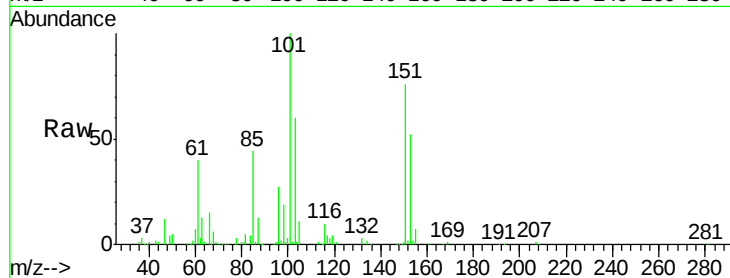
Tot Ion:101 Resp: 100863

Ion Ratio Lower Upper

101 100

85 43.2 35.5 53.3

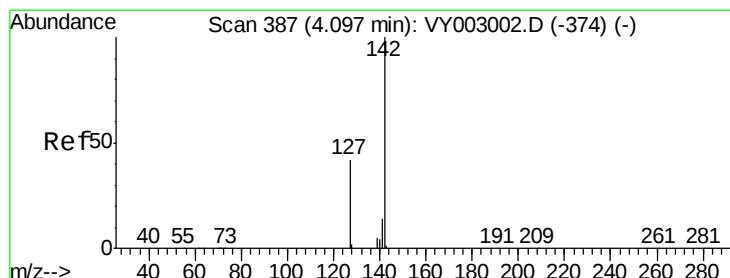
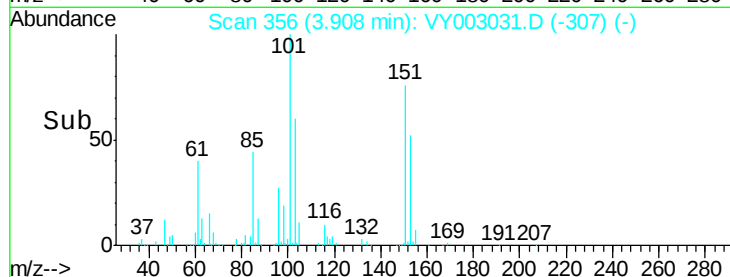
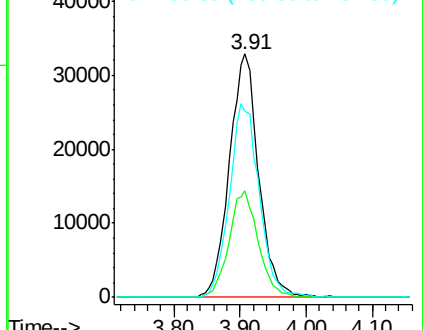
151 81.2 65.5 98.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.045 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY003031.D

Acq: 30 Jun 2020 12:55

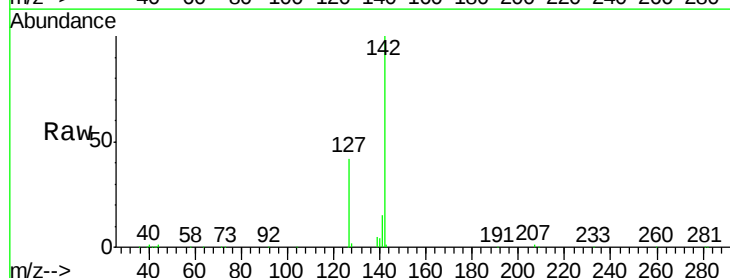
Tgt Ion:142 Resp: 120352

Ion Ratio Lower Upper

142 100

127 41.1 34.2 51.2

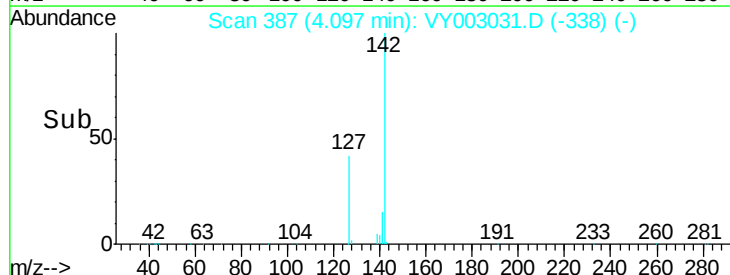
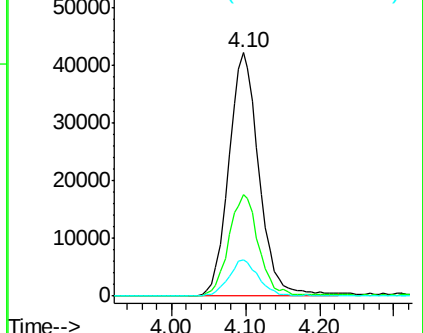
141 14.7 11.7 17.5

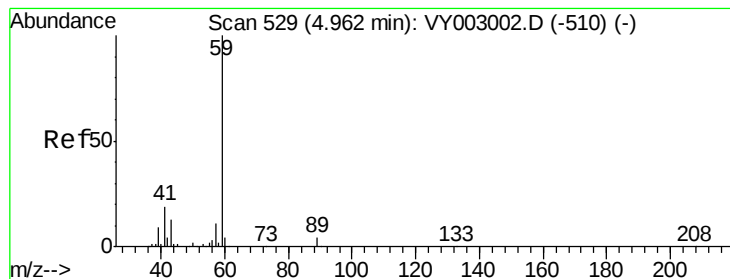


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



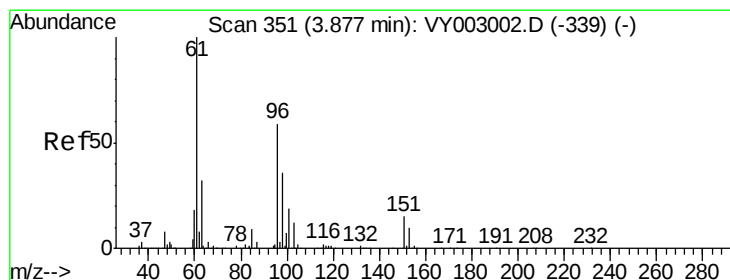
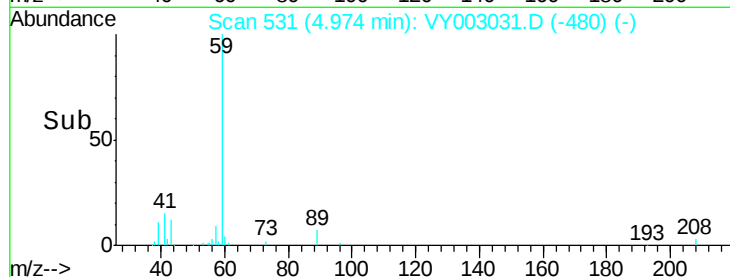
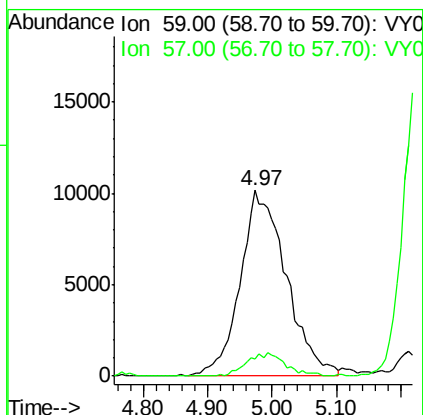
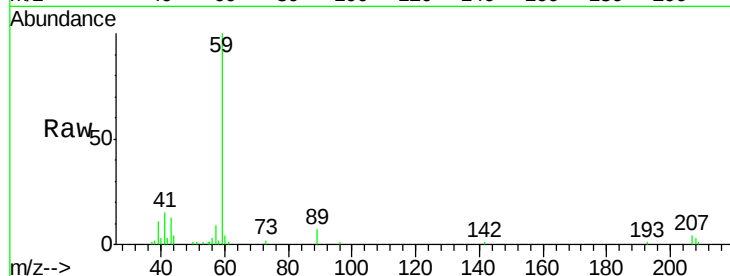


#11

Tert butyl alcohol
 Concen: 93.430 ug/l
 RT: 4.97 min Scan# 531
 Delta R.T. 0.01 min
 Lab File: VY003031.D
 Acq: 30 Jun 2020 12:55

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0630SBS01

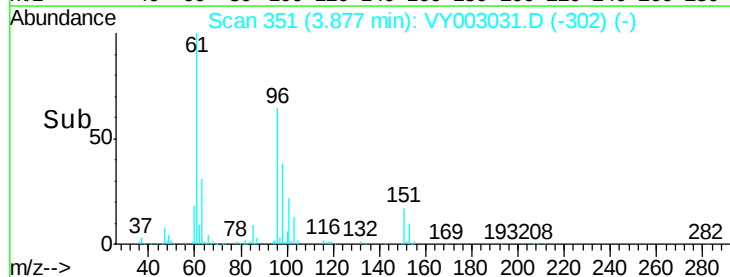
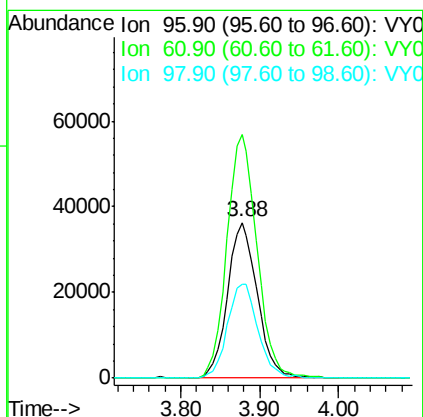
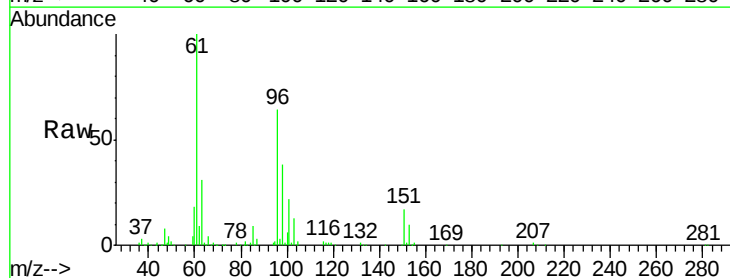
Tot Ion: 59 Resp: 50227
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.0 12.0

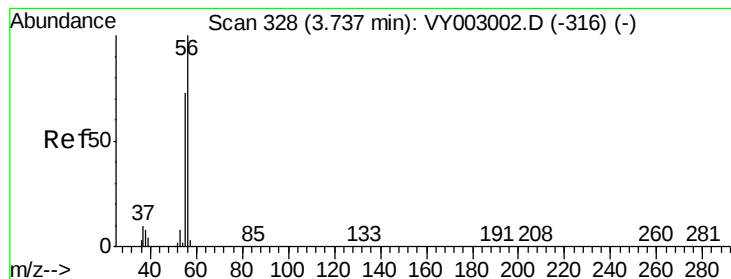


#12

1,1-Dichloroethene
 Concen: 20.684 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VY003031.D
 Acq: 30 Jun 2020 12:55

Tgt Ion: 96 Resp: 95290
 Ion Ratio Lower Upper
 96 100
 61 156.5 136.7 205.1
 98 60.0 49.7 74.5





#13

Acrolein

Concen: 94.851 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.00 min

Lab File: VY003031.D

Acq: 30 Jun 2020 12:55

Instrument :

MSVOA_Y

ClientSampleId :

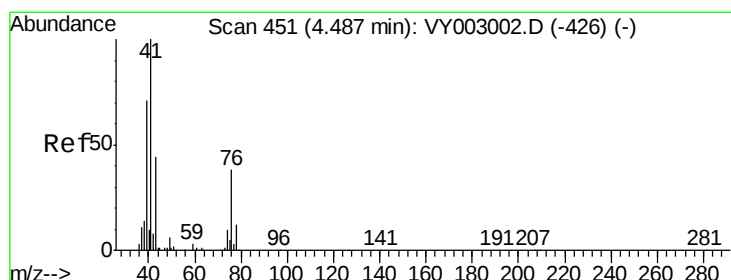
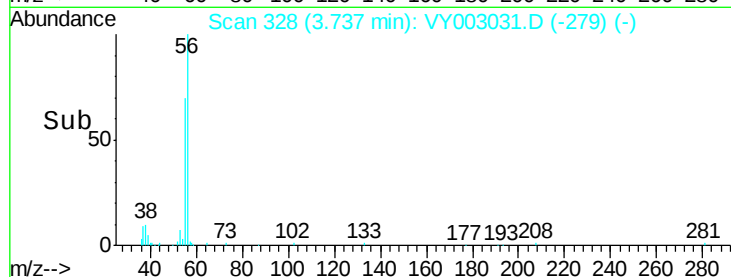
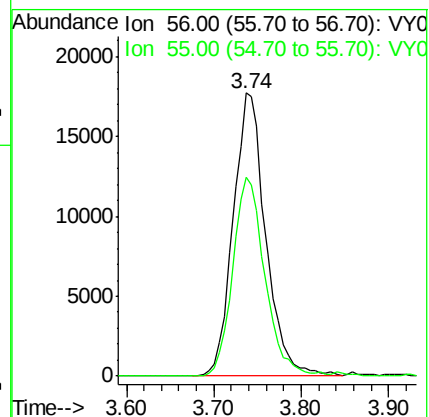
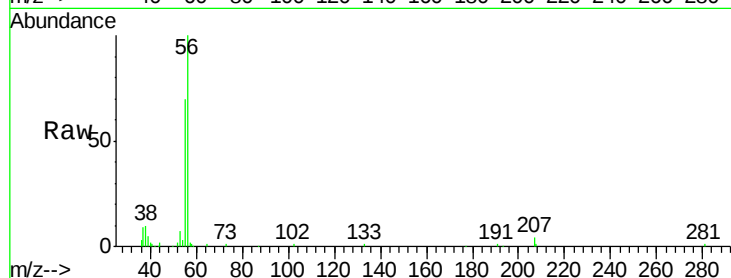
VY0630SBS01

Tot Ion: 56 Resp: 45797

Ion Ratio Lower Upper

56 100

55 69.6 56.4 84.6



#14

Allyl chloride

Concen: 18.589 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY003031.D

Acq: 30 Jun 2020 12:55

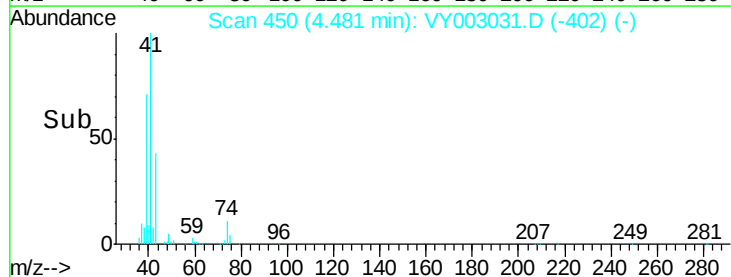
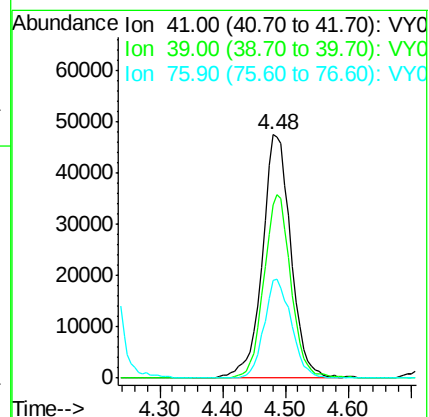
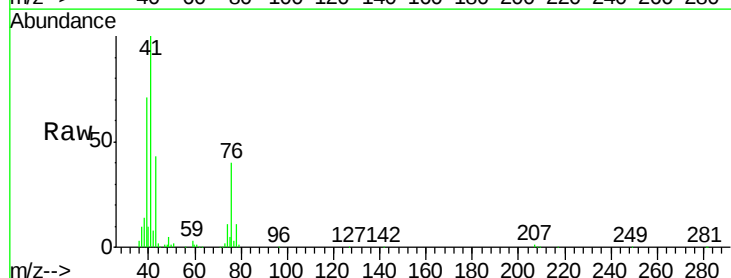
Tgt Ion: 41 Resp: 149525

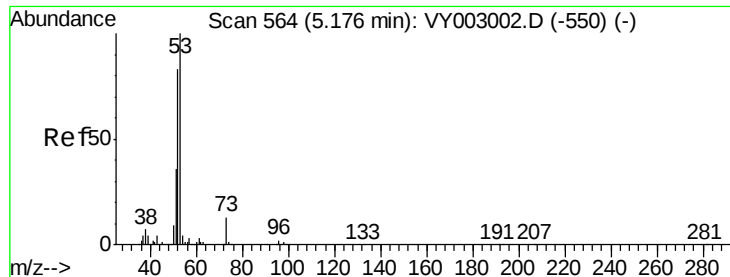
Ion Ratio Lower Upper

41 100

39 71.4 55.6 83.4

76 38.8 28.6 43.0





#15

Acrylonitrile

Concen: 94.860 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY003031.D

Acq: 30 Jun 2020 12:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0630SBS01

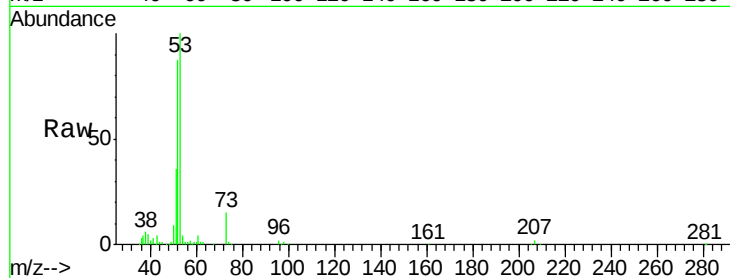
Tot Ion: 53 Resp: 135912

Ion Ratio Lower Upper

53 100

52 83.3 66.2 99.2

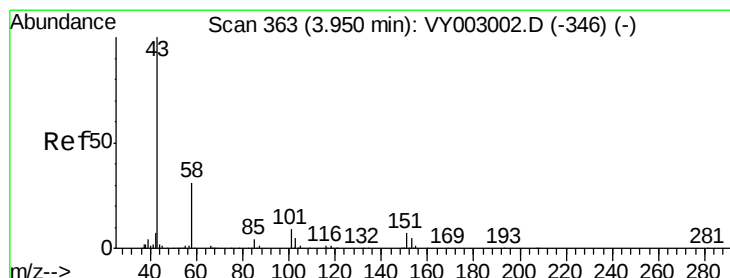
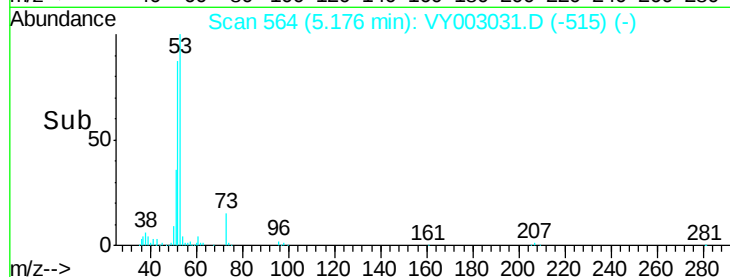
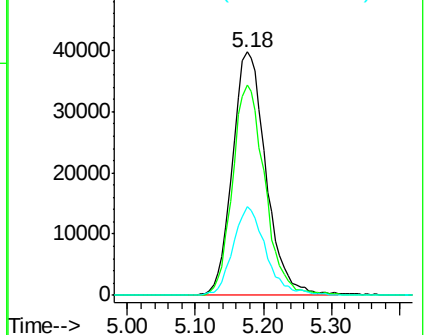
51 35.9 29.5 44.3



Abundance Ion 53.00 (52.70 to 53.70): VY0

Ion 52.00 (51.70 to 52.70): VY0

Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 88.241 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY003031.D

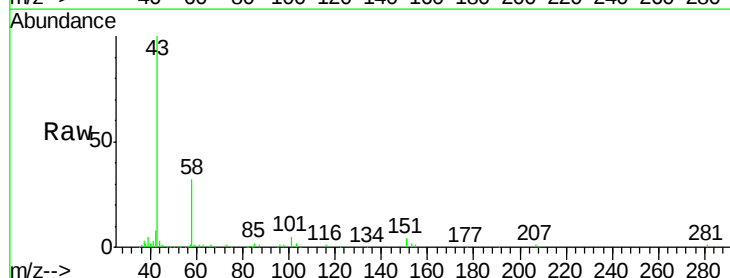
Acq: 30 Jun 2020 12:55

Tgt Ion: 43 Resp: 109781

Ion Ratio Lower Upper

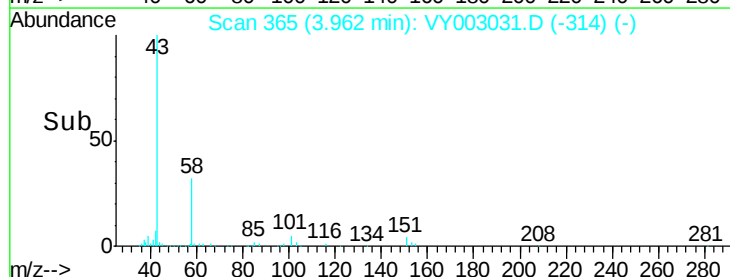
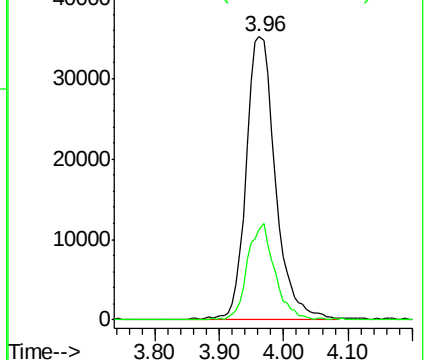
43 100

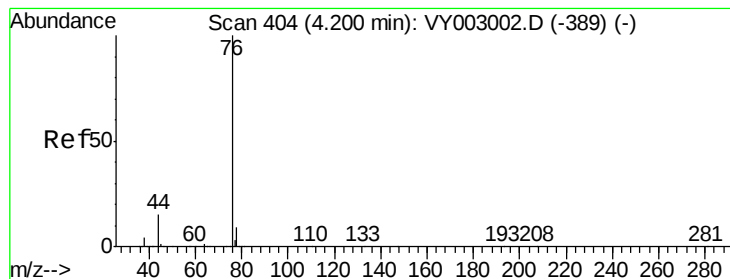
58 32.0 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0





#17

Carbon Disulfide

Concen: 19.665 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: VY003031.D

Acq: 30 Jun 2020 12:55

Instrument :

MSVOA_Y

ClientSampleId :

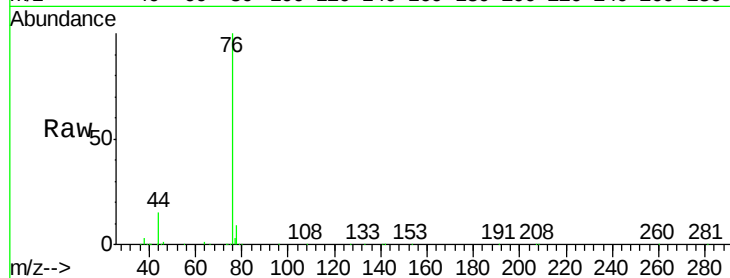
VY0630SBS01

Tot Ion: 76 Resp: 289467

Ion Ratio Lower Upper

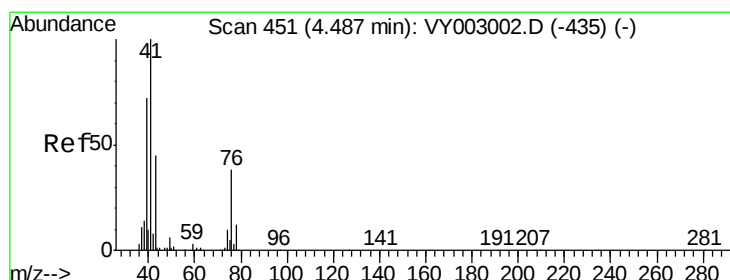
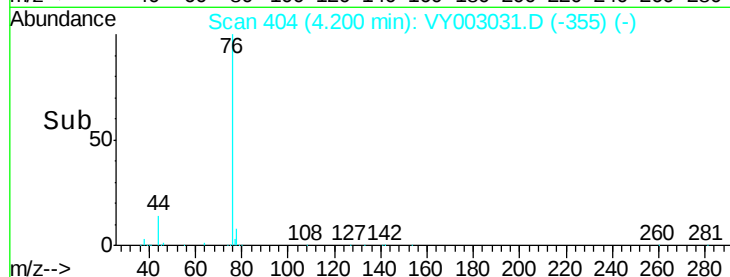
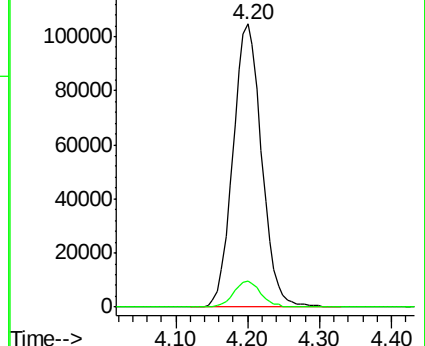
76 100

78 9.2 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 19.482 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY003031.D

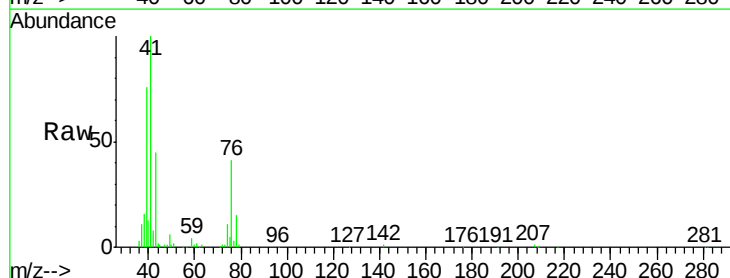
Acq: 30 Jun 2020 12:55

Tgt Ion: 43 Resp: 65301

Ion Ratio Lower Upper

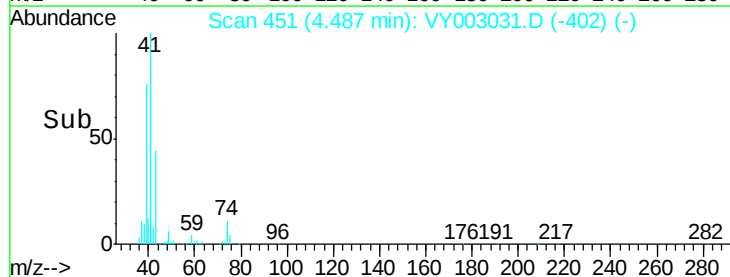
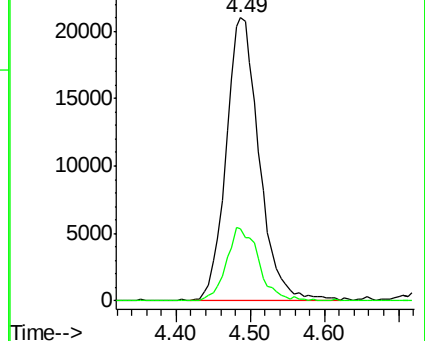
43 100

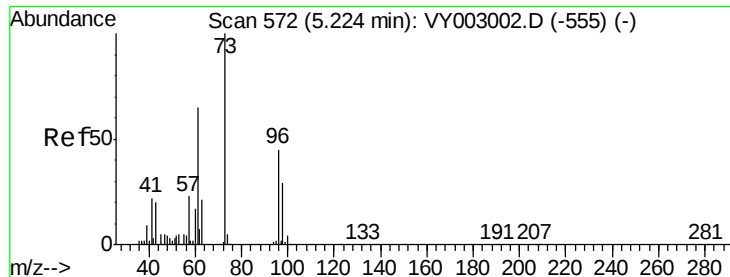
74 25.1 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

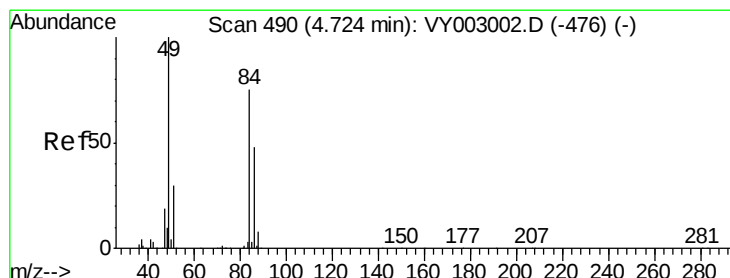
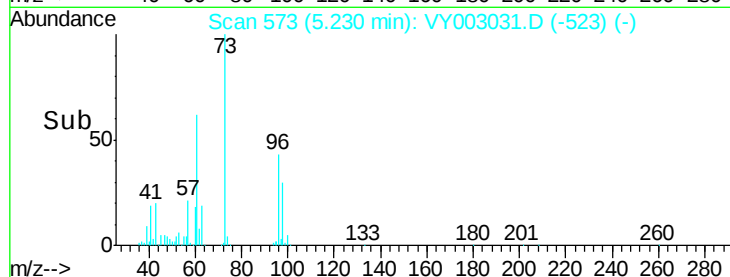
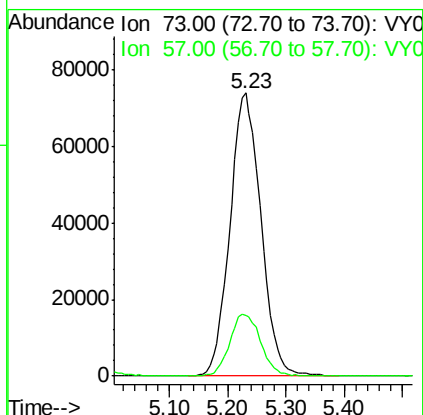
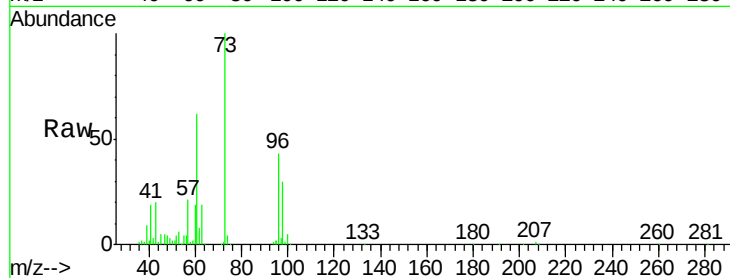




#19
Methvl tert-butvl Ether
Concen: 20.238 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.01 min
Lab File: VY003031.D
Acq: 30 Jun 2020 12:55

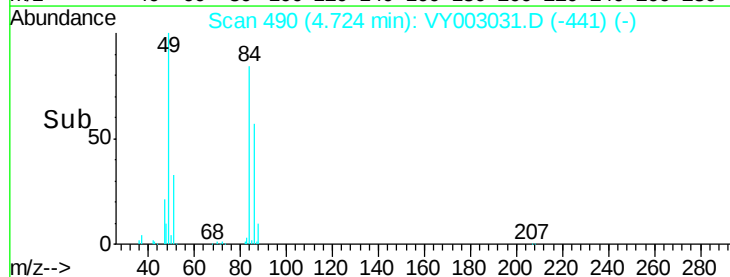
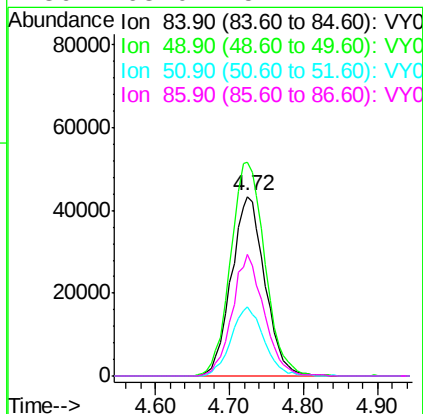
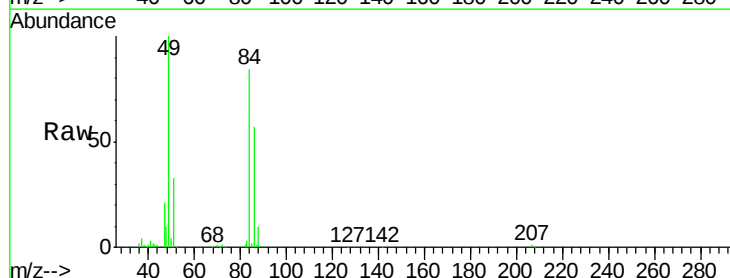
Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

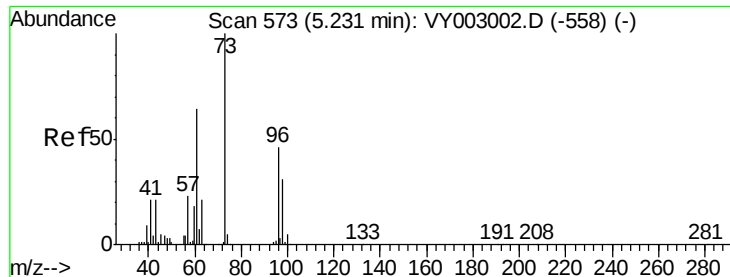
Tot Ion: 73 Resp: 271780
Ion Ratio Lower Upper
73 100
57 21.4 18.2 27.2



#20
Methylene Chloride
Concen: 20.529 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003031.D
Acq: 30 Jun 2020 12:55

Tgt Ion: 84 Resp: 136783
Ion Ratio Lower Upper
84 100
49 119.2 106.8 160.2
51 38.7 32.0 48.0
86 68.0 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 20.515 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.01 min

Lab File: VY003031.D

Acq: 30 Jun 2020 12:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0630SBS01

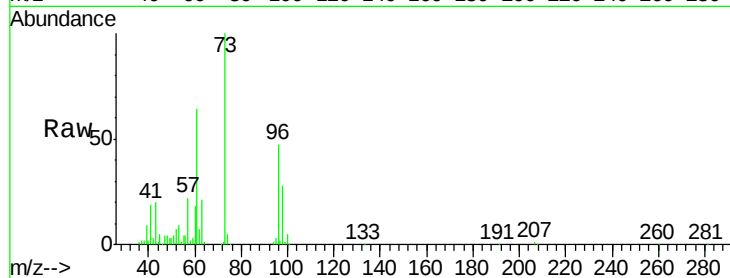
Tot Ion: 96 Resp: 106908

Ion Ratio Lower Upper

96 100

61 135.6 112.3 168.5

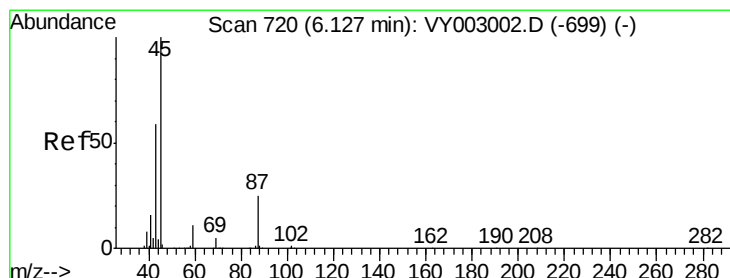
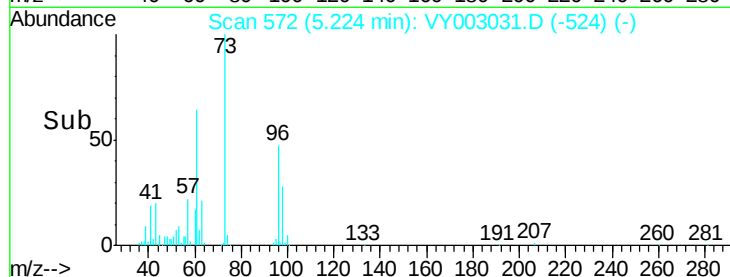
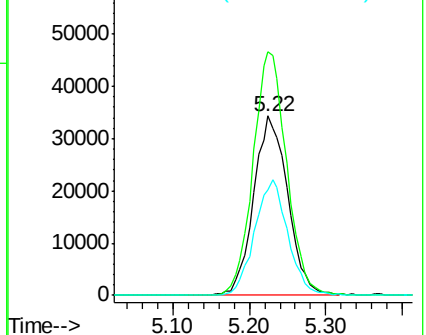
98 59.1 53.8 80.8



Abundance Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 18.620 ug/l

RT: 6.13 min Scan# 720

Delta R.T. 0.00 min

Lab File: VY003031.D

Acq: 30 Jun 2020 12:55

Tgt Ion: 45 Resp: 321009

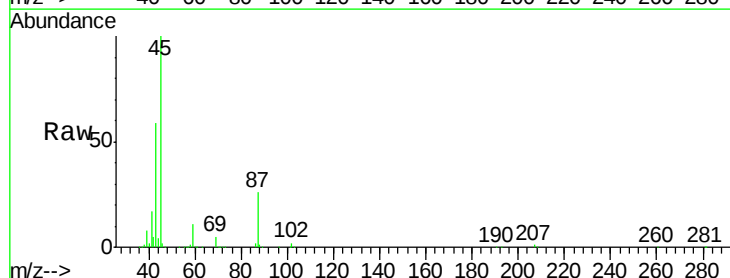
Ion Ratio Lower Upper

45 100

43 59.5 47.4 71.2

87 25.7 20.2 30.2

59 11.0 9.2 13.8

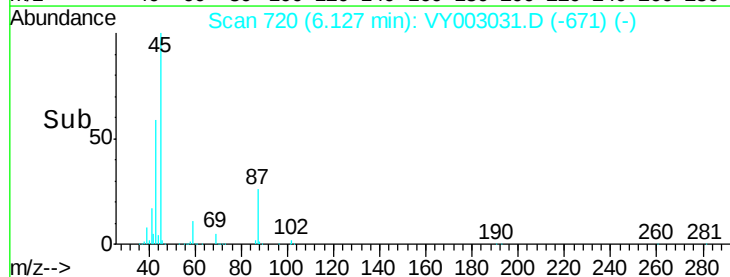
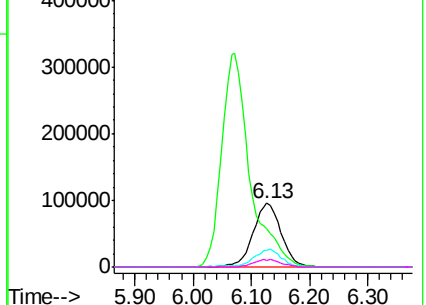


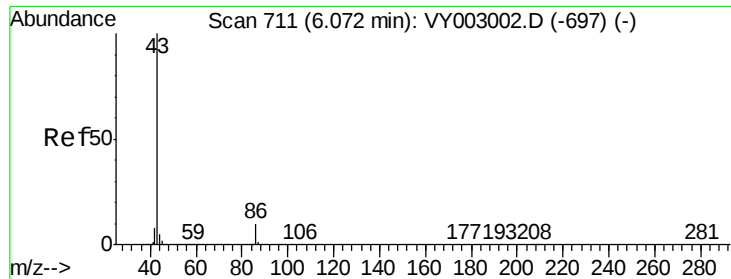
Abundance Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 93.746 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.00 min

Lab File: VY003031.D

Acq: 30 Jun 2020 12:55

Instrument :

MSVOA_Y

ClientSampleId :

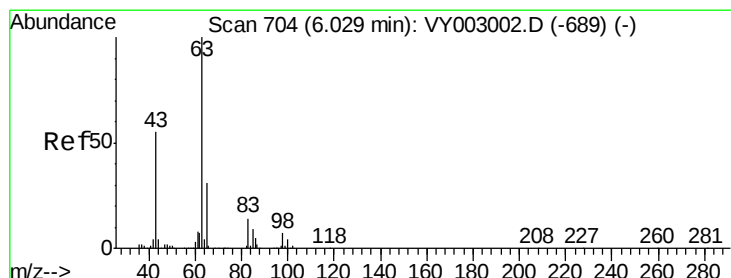
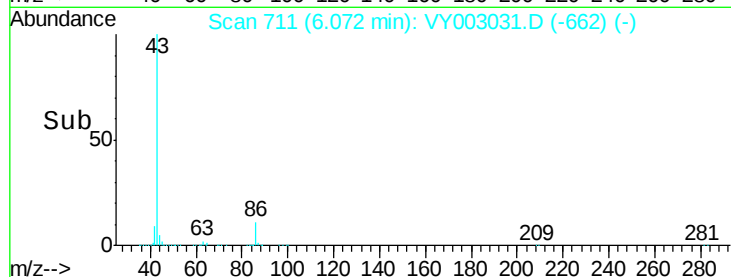
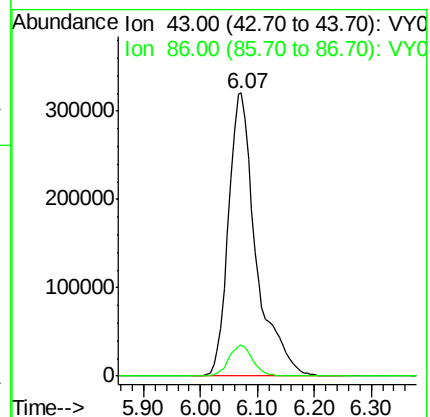
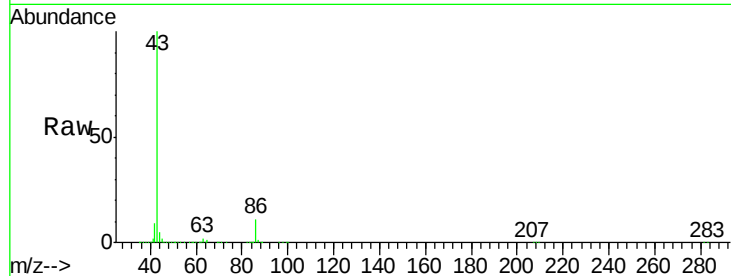
VY0630SBS01

Tot Ion: 43 Resp: 1080531

Ion Ratio Lower Upper

43 100

86 11.1 8.1 12.1



#24

1,1-Dichloroethane

Concen: 19.607 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY003031.D

Acq: 30 Jun 2020 12:55

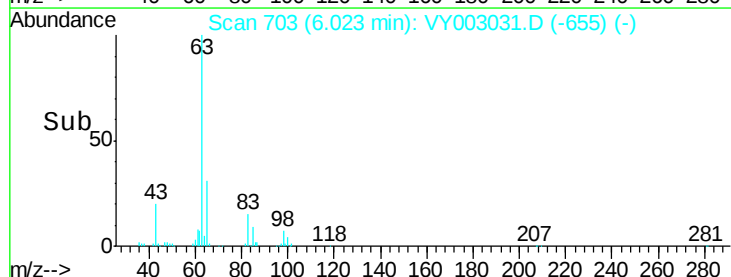
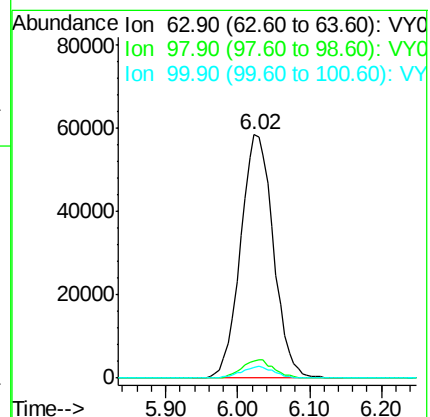
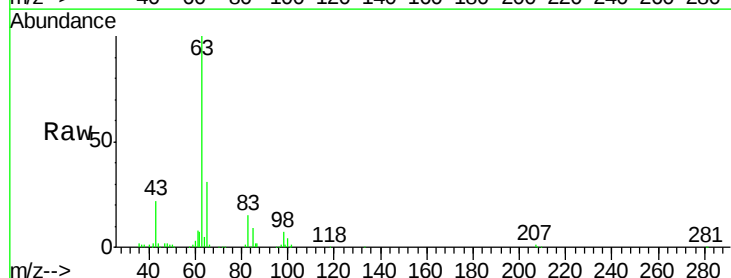
Tgt Ion: 63 Resp: 184649

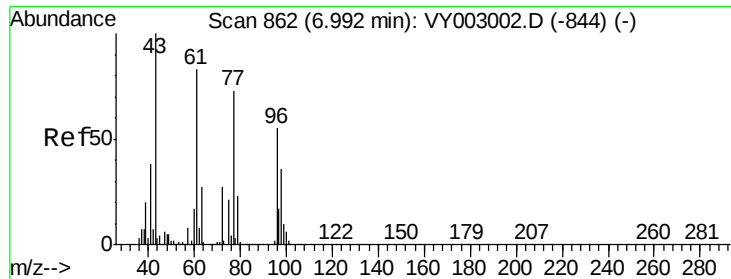
Ion Ratio Lower Upper

63 100

98 6.8 3.4 10.1

100 4.1 2.3 6.8





#25

2-Butanone

Concen: 92.636 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.01 min

Lab File: VY003031.D

Acq: 30 Jun 2020 12:55

Instrument :

MSVOA_Y

ClientSampleId :

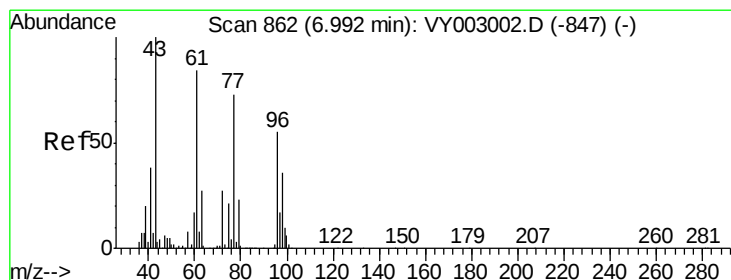
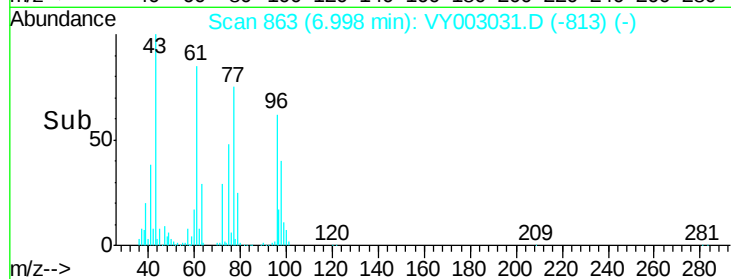
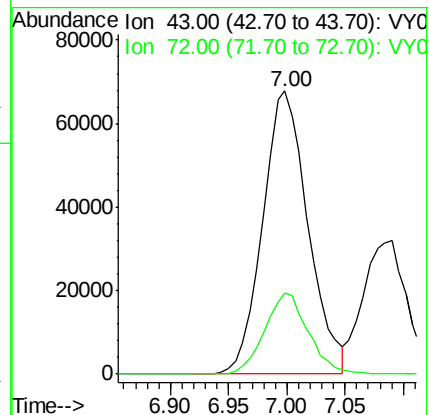
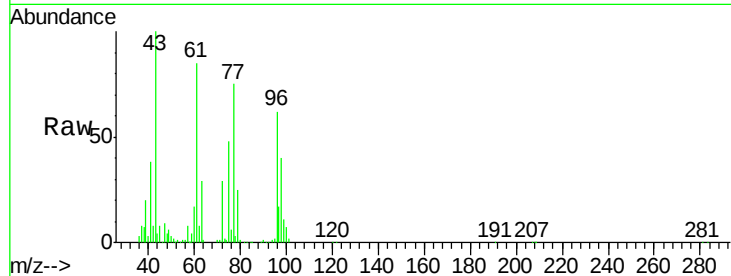
VY0630SBS01

Tot Ion: 43 Resp: 183074

Ion Ratio Lower Upper

43 100

72 28.9 21.4 32.0



#26

2,2-Dichloropropane

Concen: 20.112 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY003031.D

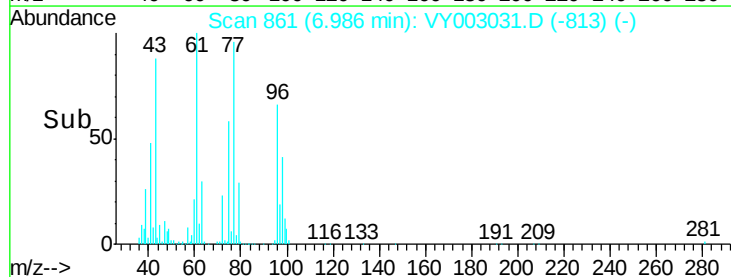
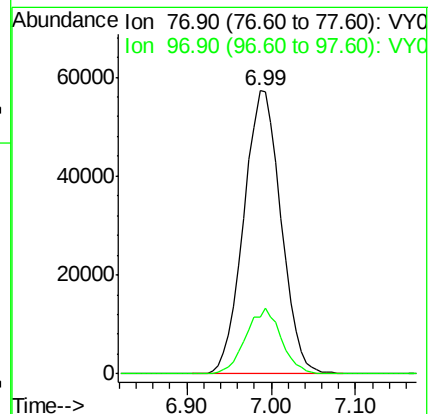
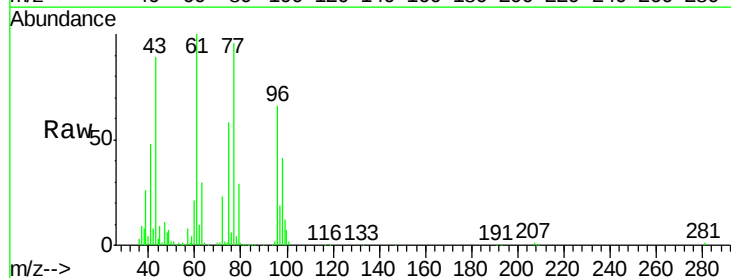
Acq: 30 Jun 2020 12:55

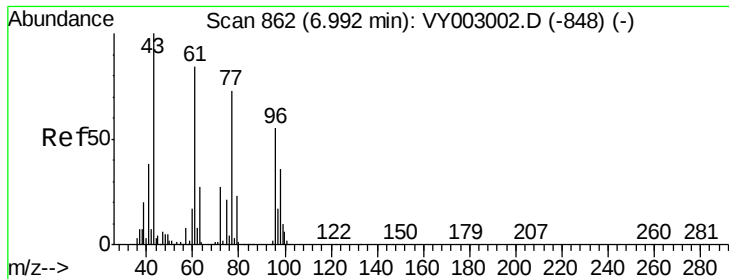
Tgt Ion: 77 Resp: 172087

Ion Ratio Lower Upper

77 100

97 22.1 11.3 33.9



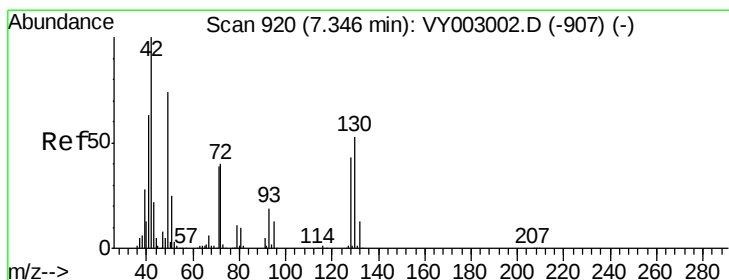
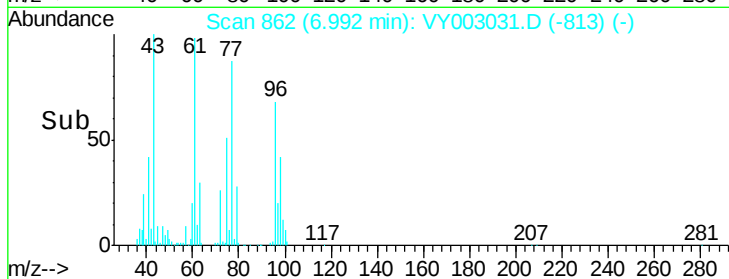
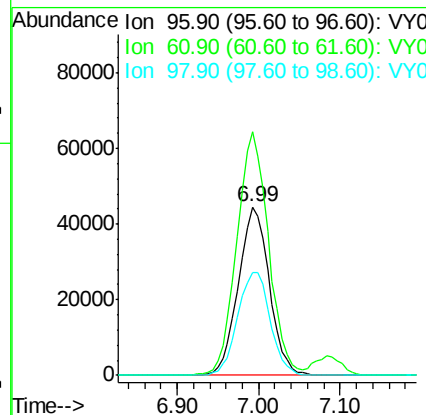
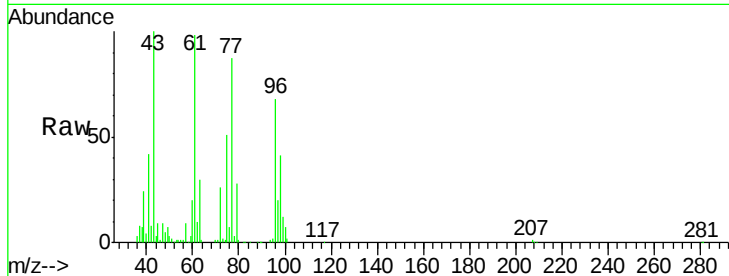


#27

cis-1,2-Dichloroethene
 Concen: 20.047 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. 0.00 min
 Lab File: VY003031.D
 Acq: 30 Jun 2020 12:55

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0630SBS01

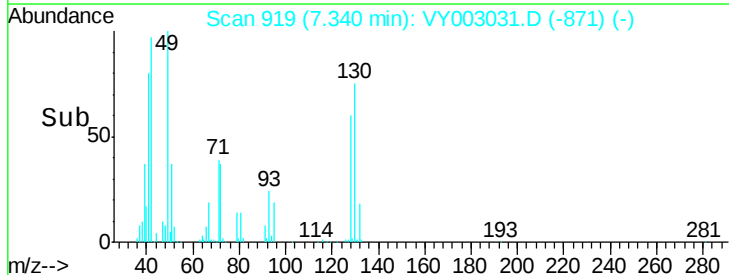
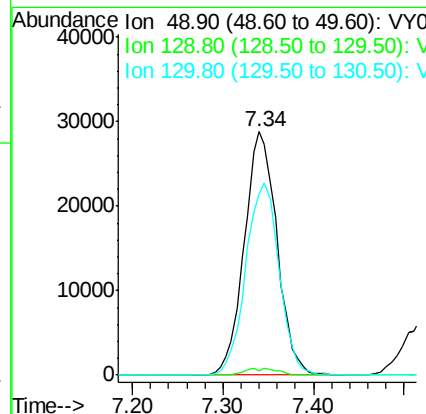
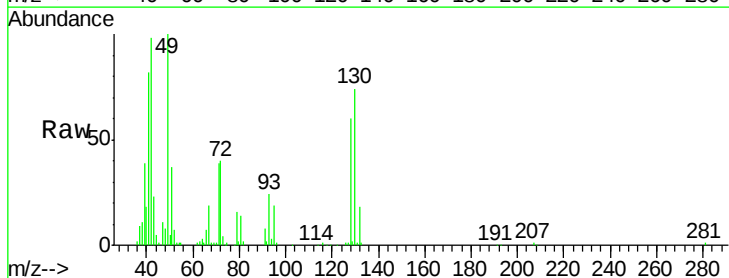
Tot Ion	96	Resp	117	176
Ion	Ratio	Lower	Upper	
96	100			
61	147.4	0.0	301.2	
98	64.3	0.0	129.0	

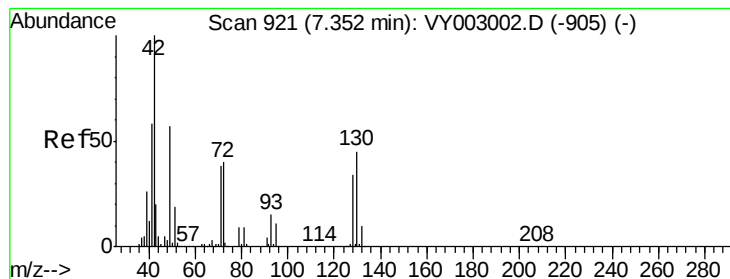


#28

Bromochloromethane
 Concen: 17.170 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VY003031.D
 Acq: 30 Jun 2020 12:55

Tgt Ion	49	Resp	71	194	9
Ion	Ratio	Lower	Upper		
49	100				
129	1.4	0.0	4.4		
130	80.5	57.0	85.6		





#29

Tetrahydrofuran

Concen: 94.660 ug/l

RT: 7.36 min Scan# 922

Delta R.T. 0.01 min

Lab File: VY003031.D

Acq: 30 Jun 2020 12:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0630SBS01

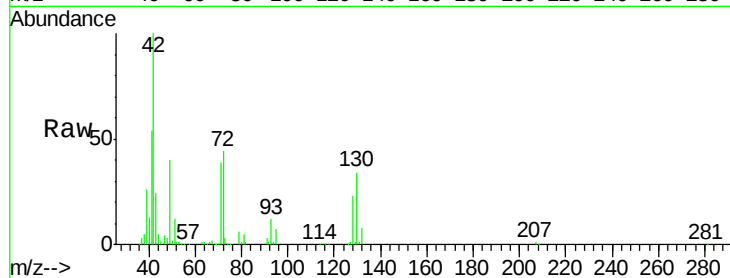
Tot Ion: 42 Resp: 124404

Ion Ratio Lower Upper

42 100

72 44.5 32.9 49.3

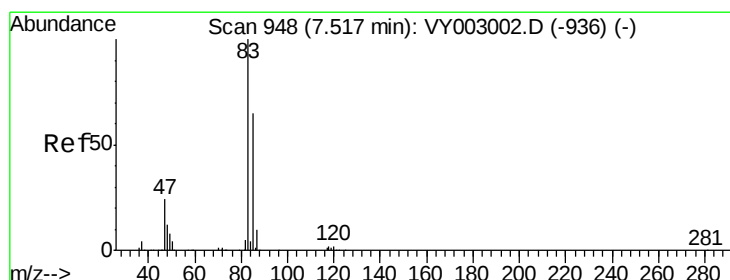
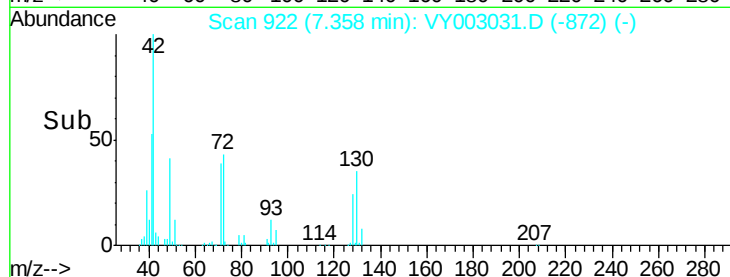
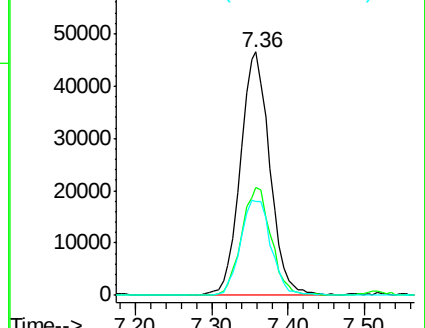
71 40.6 31.2 46.8



Abundance Ion 42.00 (41.70 to 42.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

Ion 71.00 (70.70 to 71.70): VY0



#30

Chloroform

Concen: 19.942 ug/l

RT: 7.51 min Scan# 947

Delta R.T. -0.01 min

Lab File: VY003031.D

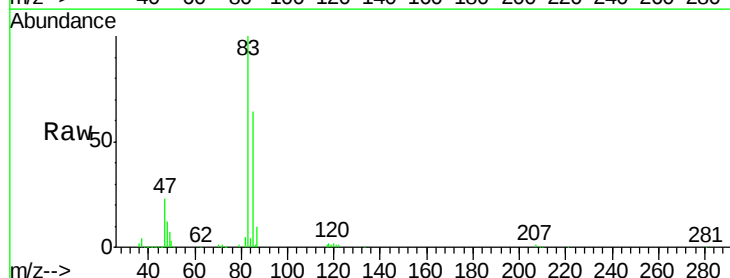
Acq: 30 Jun 2020 12:55

Tgt Ion: 83 Resp: 186057

Ion Ratio Lower Upper

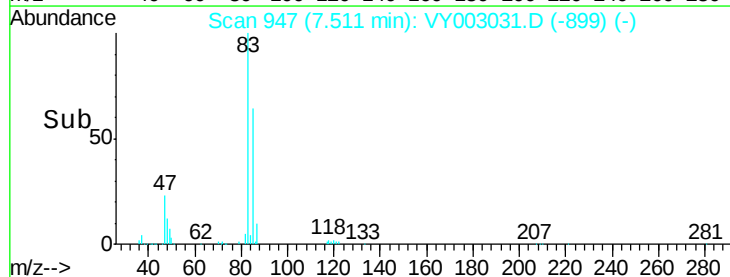
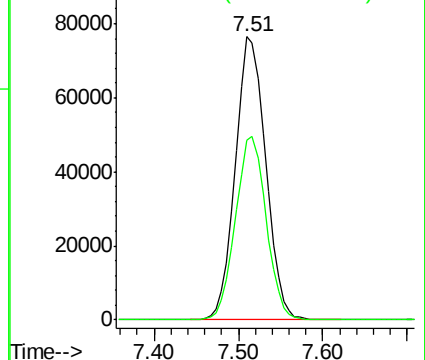
83 100

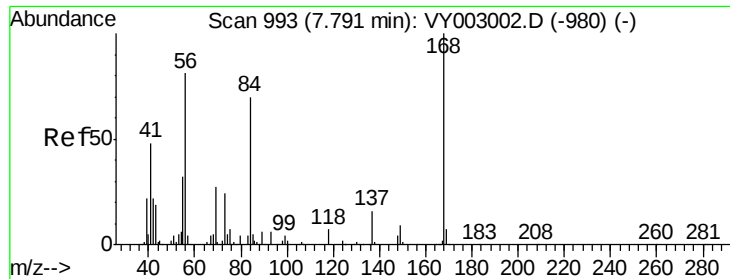
85 63.5 51.7 77.5



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

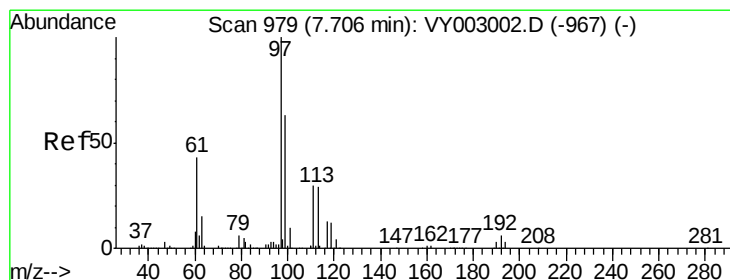
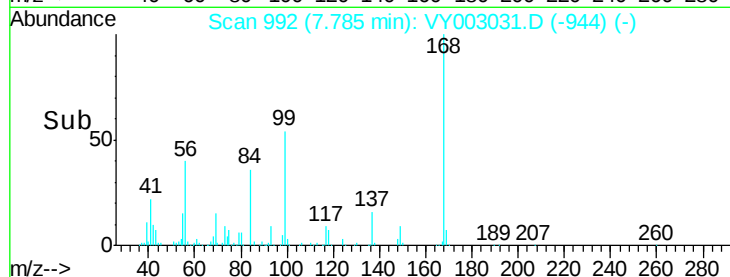
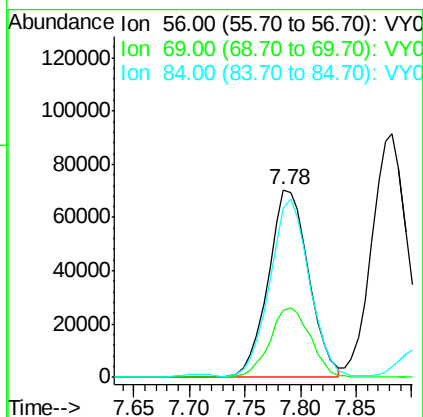
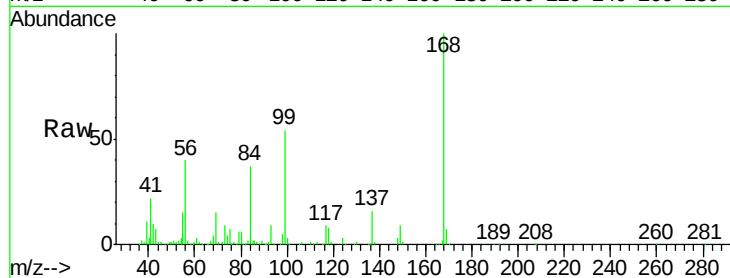




#31
Cyclohexane
Concen: 19.190 ug/l
RT: 7.78 min Scan# 992
Delta R.T. -0.01 min
Lab File: VY003031.D
Acq: 30 Jun 2020 12:55

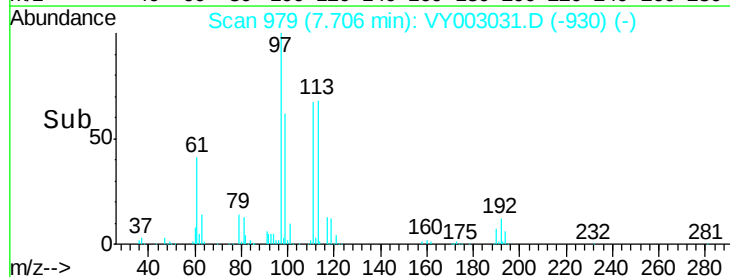
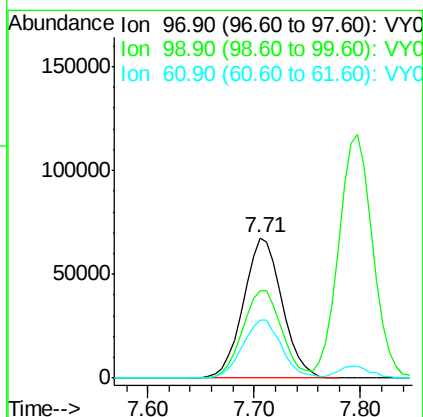
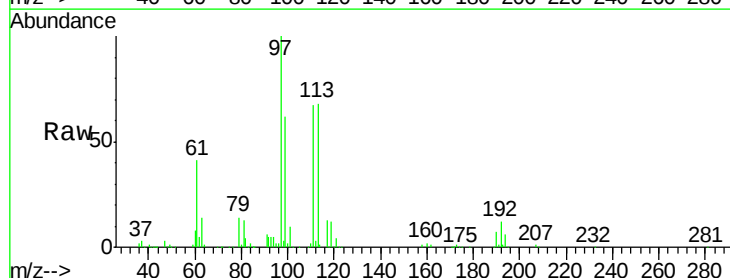
Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

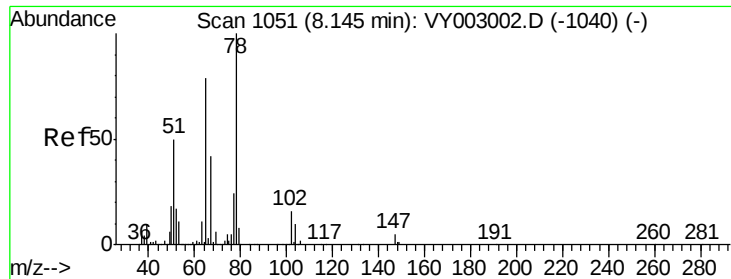
Tot Ion: 56 Resp: 178039
Ion Ratio Lower Upper
56 100
69 35.8 27.0 40.4
84 89.1 68.1 102.1



#32
1,1,1-Trichloroethane
Concen: 20.165 ug/l
RT: 7.71 min Scan# 979
Delta R.T. -0.00 min
Lab File: VY003031.D
Acq: 30 Jun 2020 12:55

Tgt Ion: 97 Resp: 171732
Ion Ratio Lower Upper
97 100
99 63.9 51.4 77.2
61 42.1 33.9 50.9

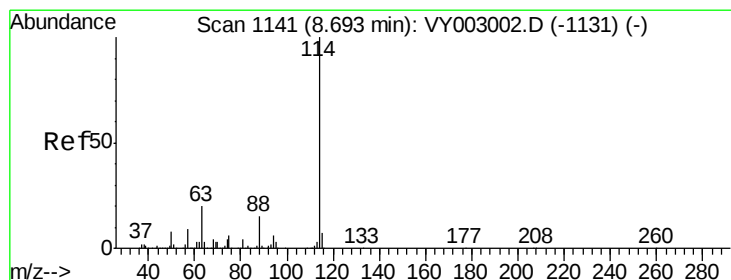
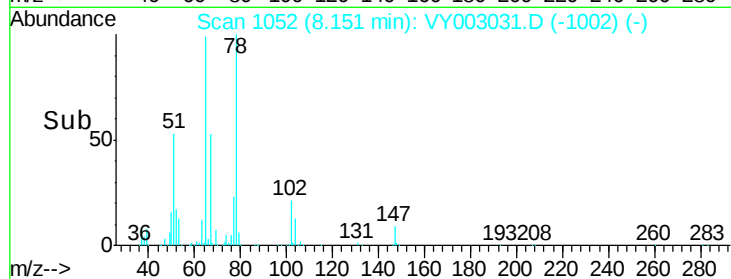
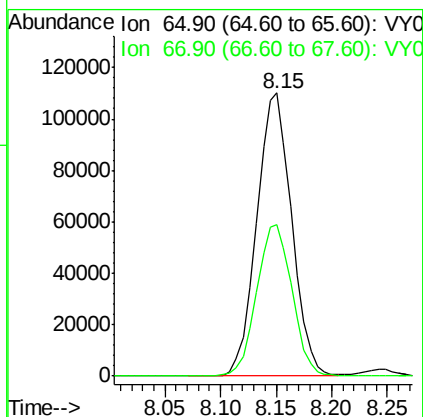
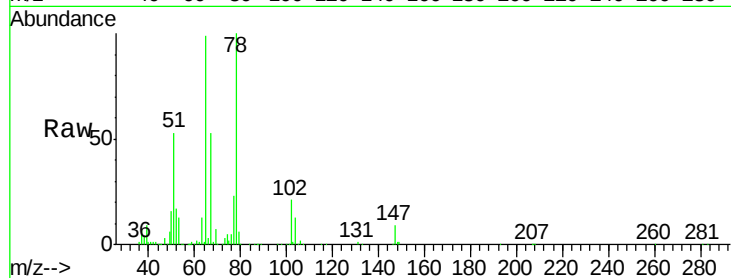




#33
 1,2-Dichloroethane-d4
 Concen: 45.644 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003031.D
 Acq: 30 Jun 2020 12:55

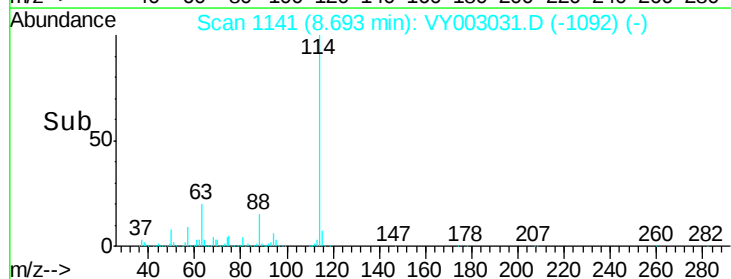
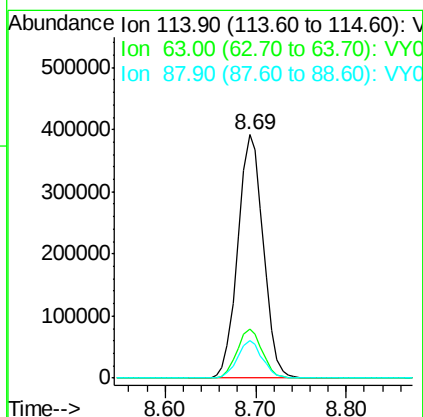
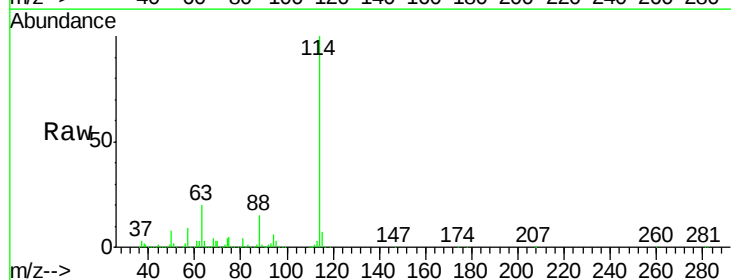
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0630SBS01

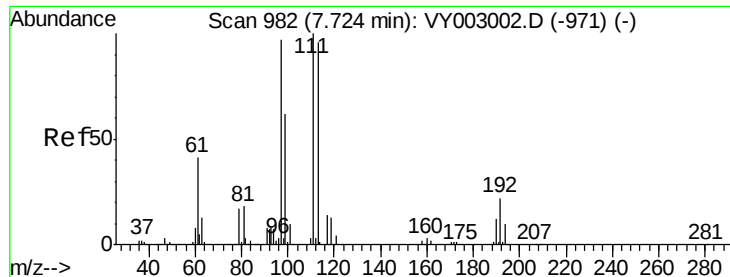
Tot Ion: 65 Resp: 240772
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003031.D
 Acq: 30 Jun 2020 12:55

Tgt Ion: 114 Resp: 760967
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 40.6
 88 15.2 0.0 30.0

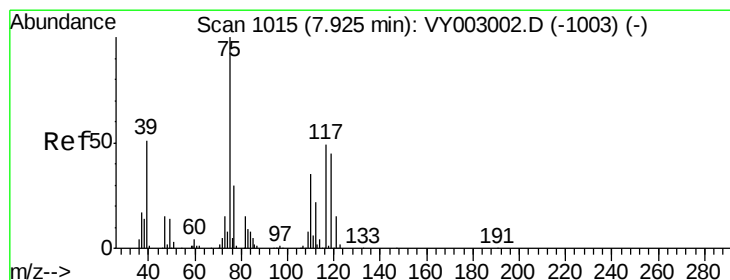
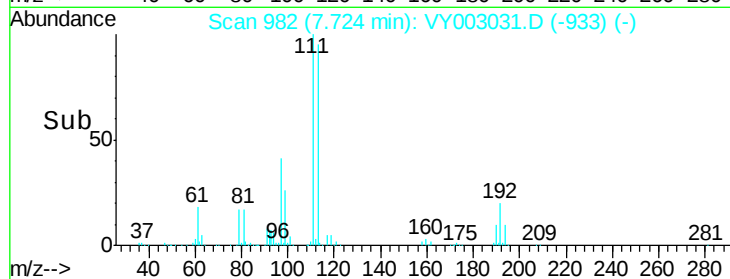
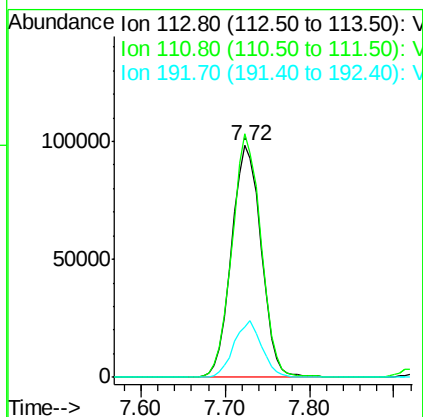
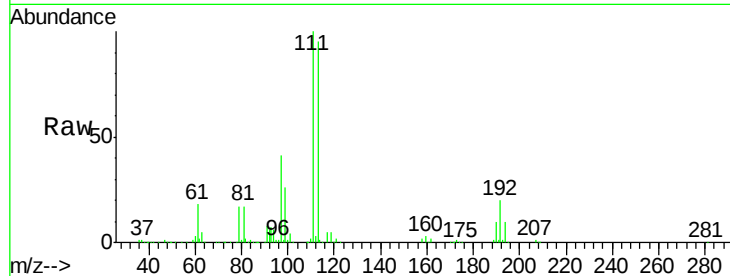




#35
 Dibromofluoromethane
 Concen: 49.206 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY003031.D
 Acq: 30 Jun 2020 12:55

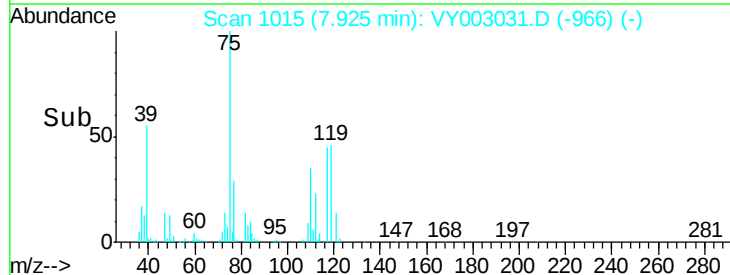
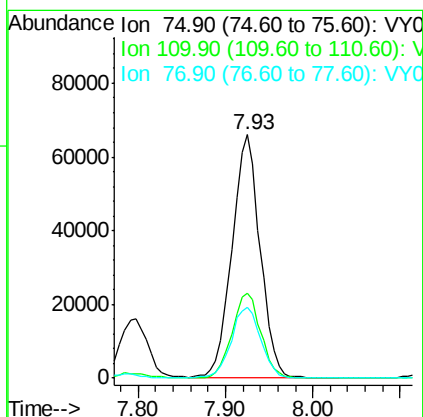
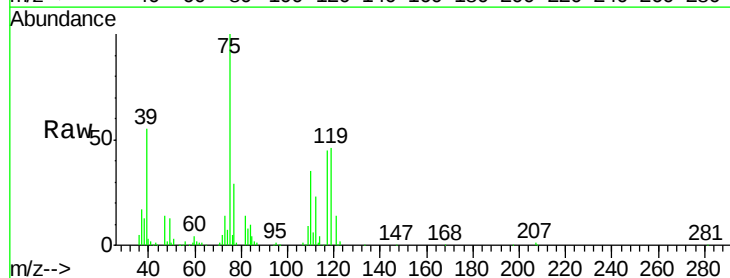
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0630SBS01

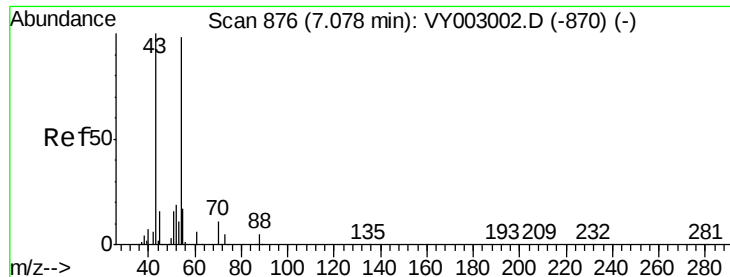
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.6	123.8
192	23.0	18.1	27.1



#36
 1,1-Dichloropropene
 Concen: 20.186 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: VY003031.D
 Acq: 30 Jun 2020 12:55

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.5	17.1	51.2
77	30.8	24.9	37.3

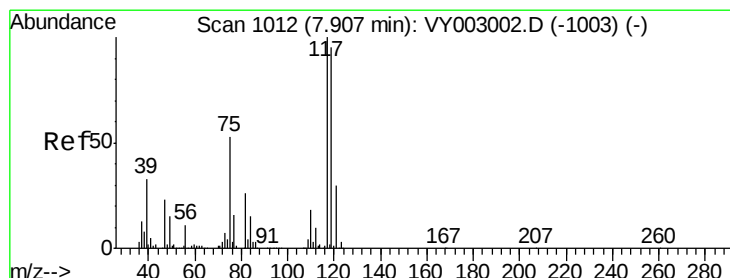
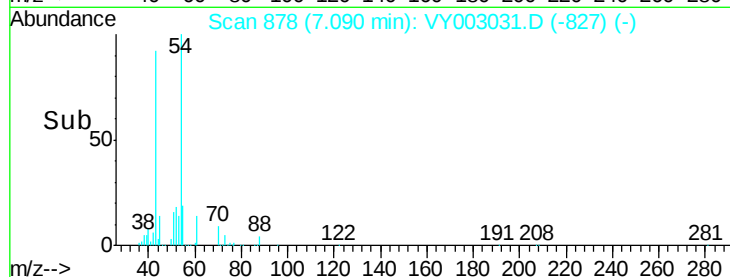
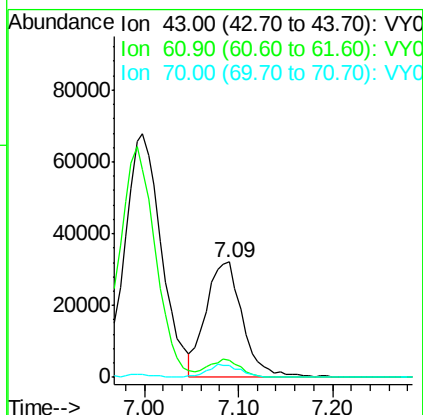
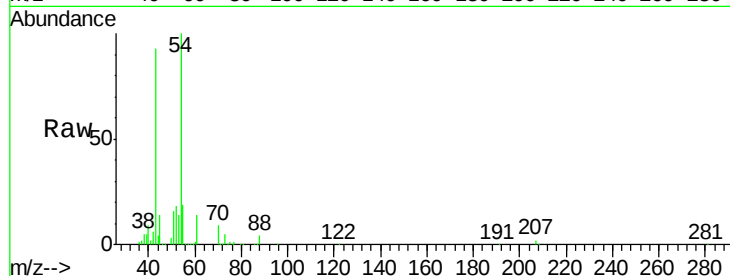




#37
Ethyl Acetate
Concen: 19.528 ug/l
RT: 7.09 min Scan# 878
Delta R.T. 0.01 min
Lab File: VY003031.D
Acq: 30 Jun 2020 12:55

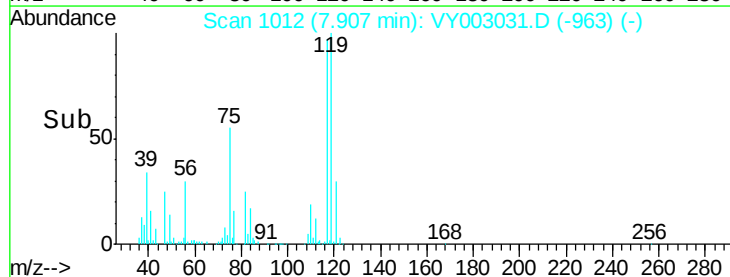
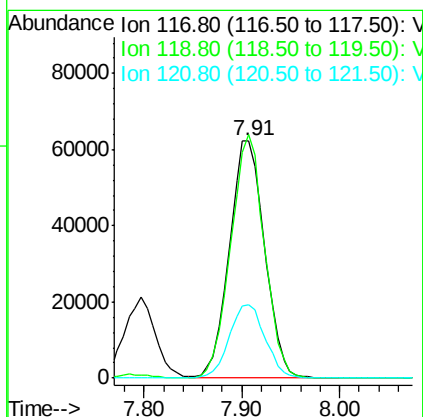
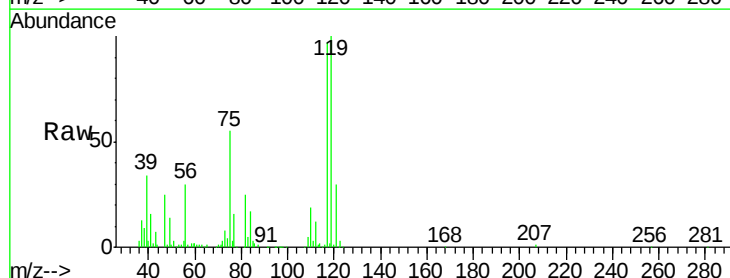
Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

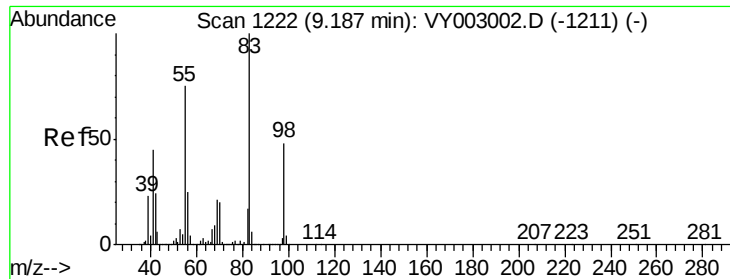
Tot Ion: 43 Resp: 86063
Ion Ratio Lower Upper
43 100
61 14.0 10.4 15.6
70 10.1 7.7 11.5



#38
Carbon Tetrachloride
Concen: 20.476 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VY003031.D
Acq: 30 Jun 2020 12:55

Tgt Ion: 117 Resp: 156160
Ion Ratio Lower Upper
117 100
119 102.6 75.7 113.5
121 30.8 23.9 35.9

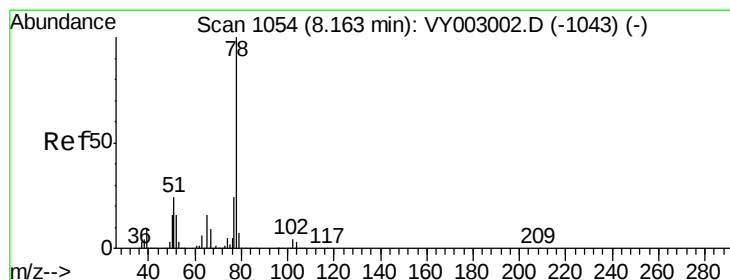
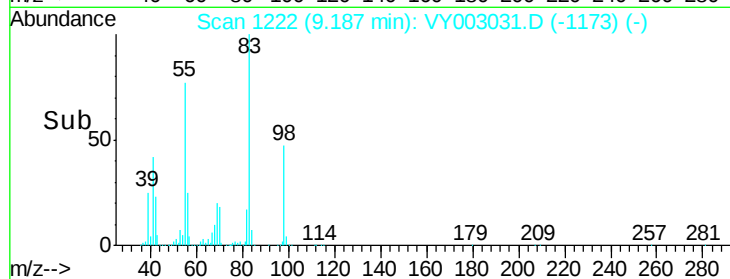
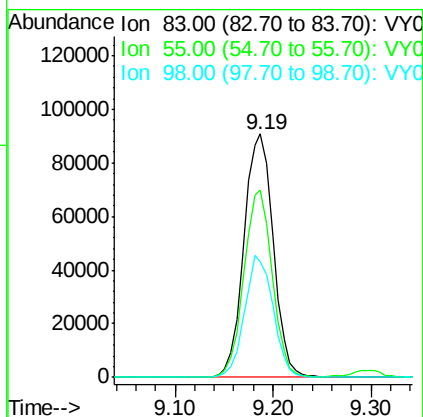
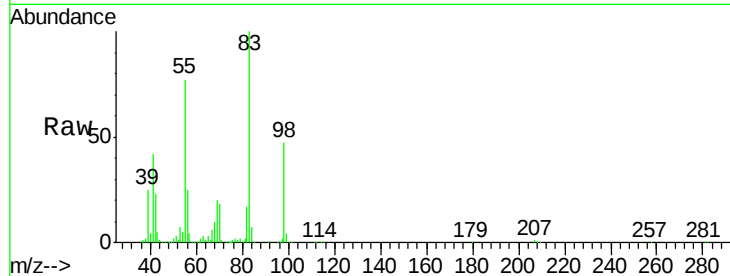




#39
Methylvlcvclohexane
Concen: 20.772 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY003031.D
Acq: 30 Jun 2020 12:55

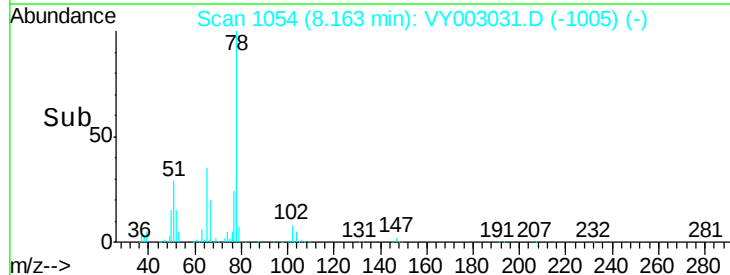
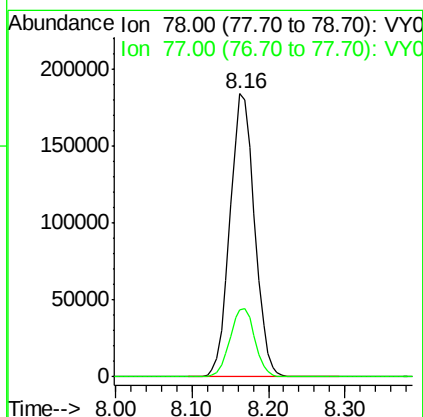
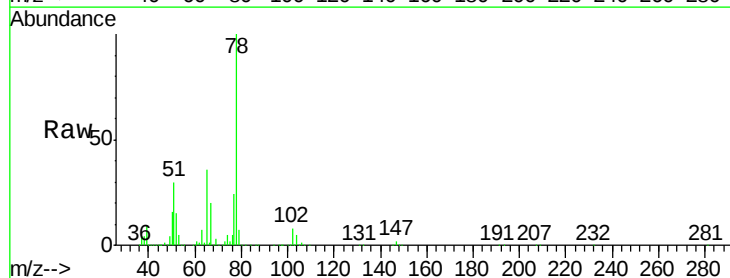
Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

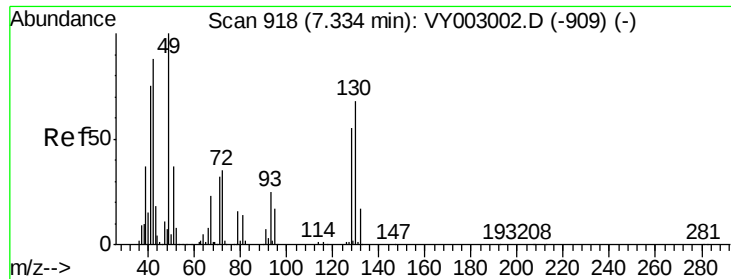
Tot Ion: 83 Resp: 188774
Ion Ratio Lower Upper
83 100
55 77.0 59.9 89.9
98 47.2 38.7 58.1



#40
Benzene
Concen: 20.363 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VY003031.D
Acq: 30 Jun 2020 12:55

Tgt Ion: 78 Resp: 408634
Ion Ratio Lower Upper
78 100
77 23.7 19.2 28.8

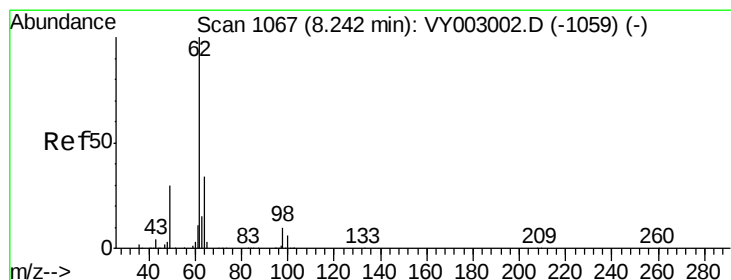
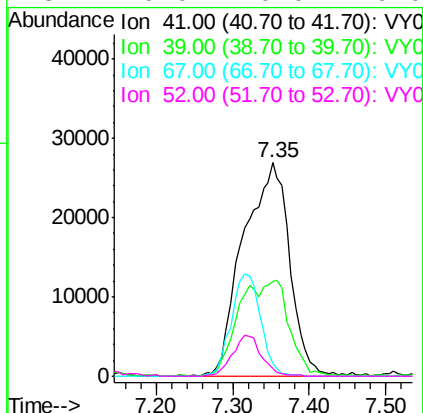
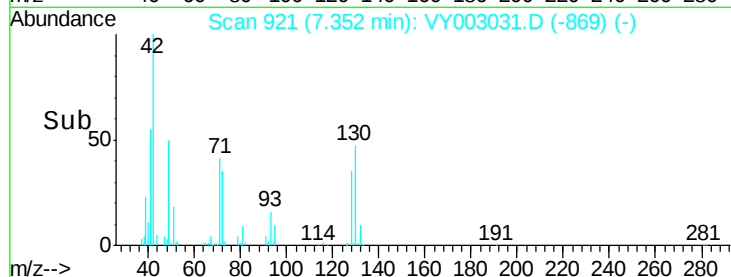
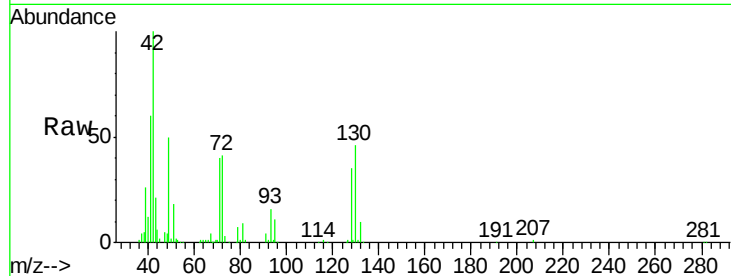




#41
Methacrylonitrile
Concen: 48.105 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.02 min
Lab File: VY003031.D
Acq: 30 Jun 2020 12:55

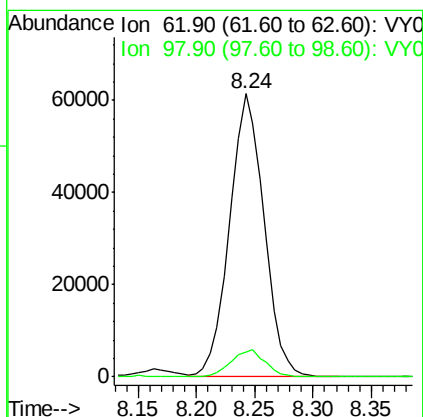
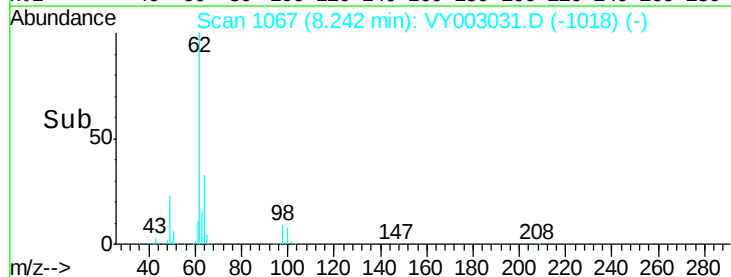
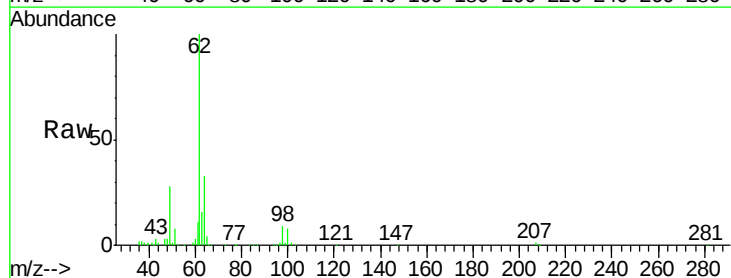
Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

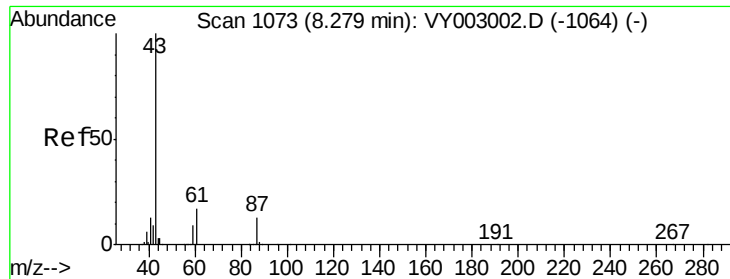
Tot Ion: 41 Resp: 113250
Ion Ratio Lower Upper
41 100
39 0.0 85.7 128.5#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 19.997 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VY003031.D
Acq: 30 Jun 2020 12:55

Tgt Ion: 62 Resp: 126948
Ion Ratio Lower Upper
62 100
98 9.6 0.0 19.2





#43

Isopropyl Acetate

Concen: 19.759 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.00 min

Lab File: VY003031.D

Acq: 30 Jun 2020 12:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0630SBS01

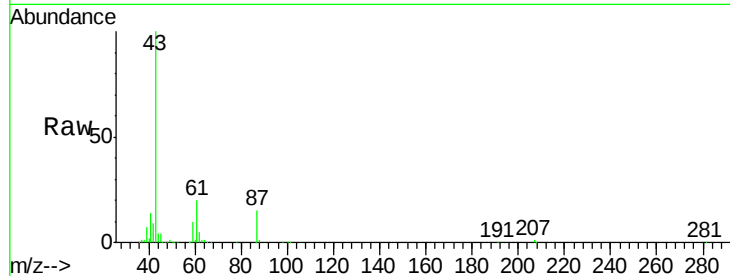
Tot Ion: 43 Resp: 165542

Ion Ratio Lower Upper

43 100

61 28.0 21.8 32.6

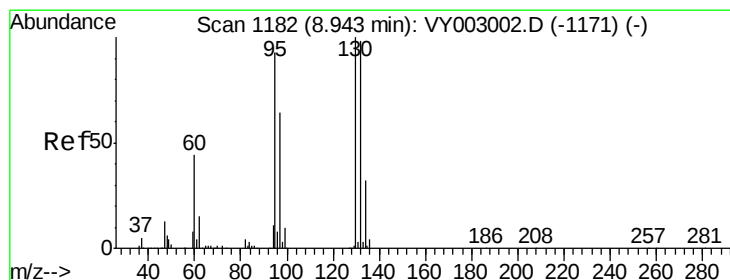
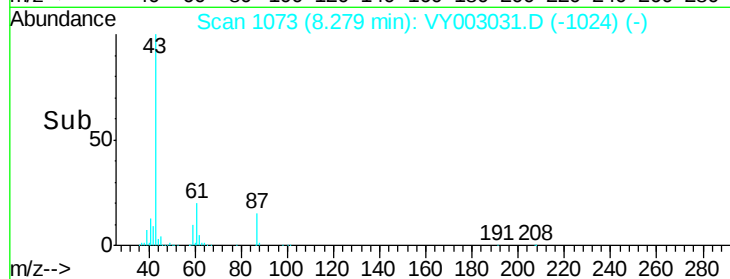
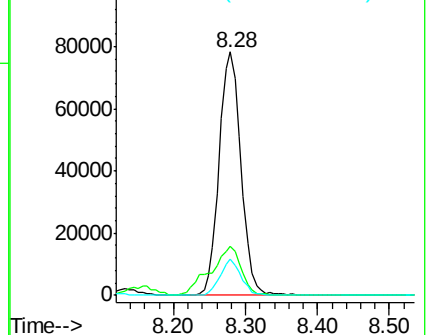
87 14.1 10.1 15.1



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: 21.485 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VY003031.D

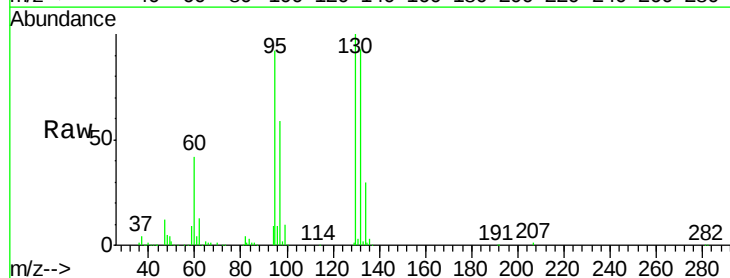
Acq: 30 Jun 2020 12:55

Tgt Ion: 130 Resp: 125317

Ion Ratio Lower Upper

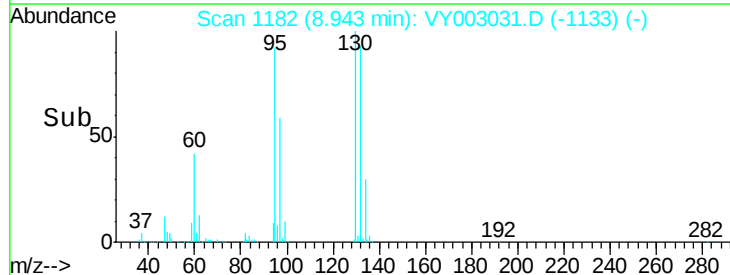
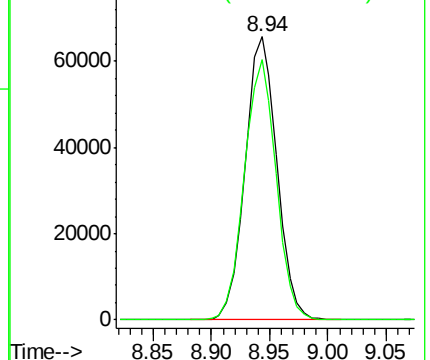
130 100

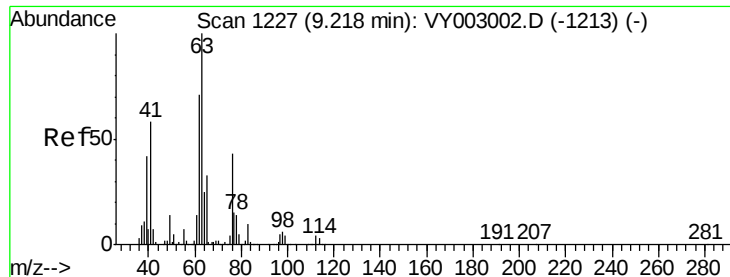
95 91.8 0.0 186.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VY0

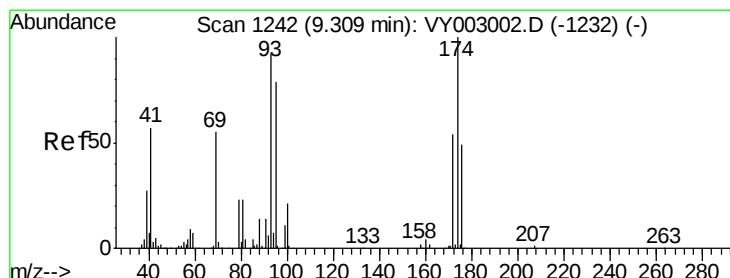
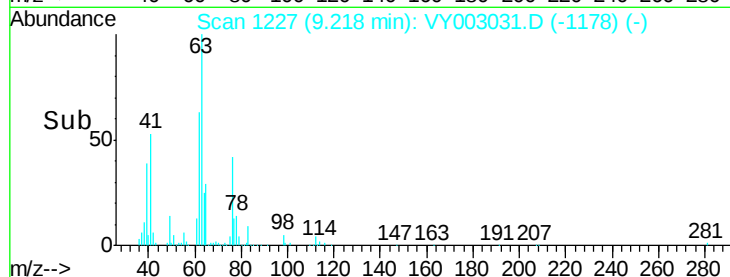
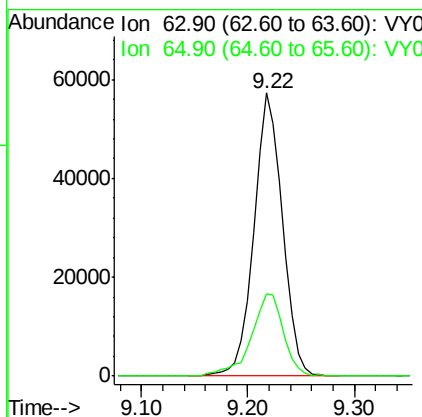
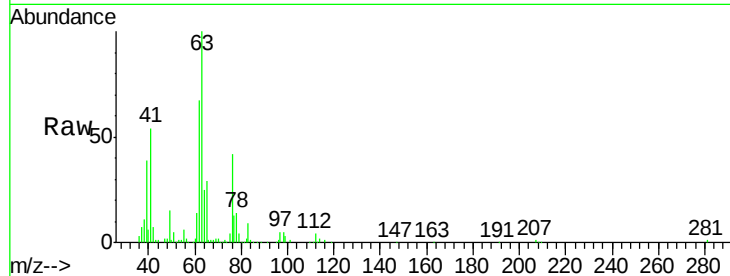




#45
 1,2-Dichloropropane
 Concen: 19.946 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: VY003031.D
 Acq: 30 Jun 2020 12:55

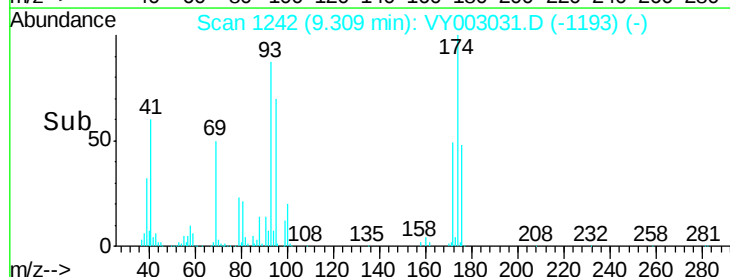
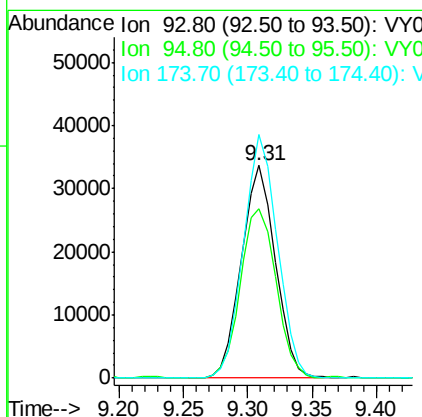
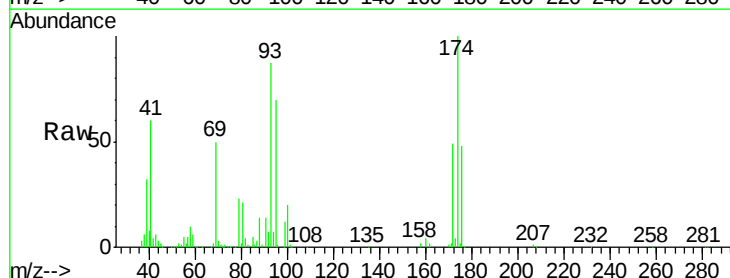
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0630SBS01

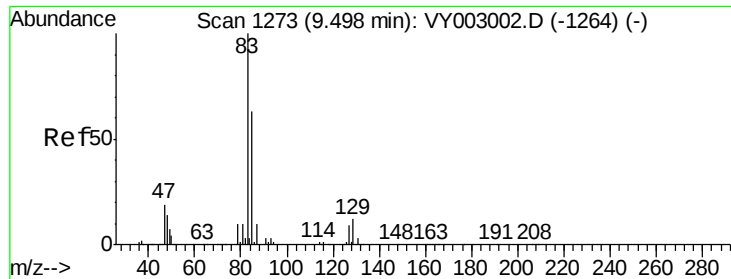
Tot Ion: 63 Resp: 107685
 Ion Ratio Lower Upper
 63 100
 65 28.8 26.2 39.4



#46
 Dibromomethane
 Concen: 20.466 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY003031.D
 Acq: 30 Jun 2020 12:55

Tgt Ion: 93 Resp: 61711
 Ion Ratio Lower Upper
 93 100
 95 83.7 67.6 101.4
 174 113.9 88.3 132.5





#47

Bromodichloromethane

Concen: 20.299 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY003031.D

Acq: 30 Jun 2020 12:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0630SBS01

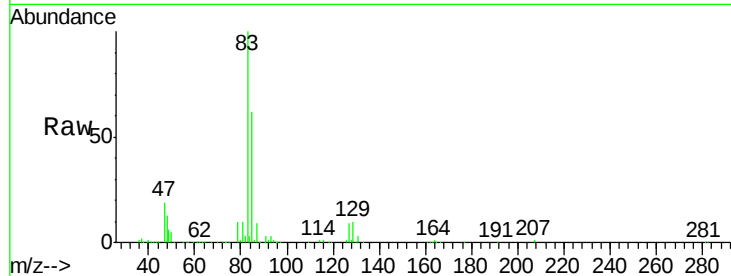
Tot Ion: 83 Resp: 149874

Ion Ratio Lower Upper

83 100

85 62.5 50.5 75.7

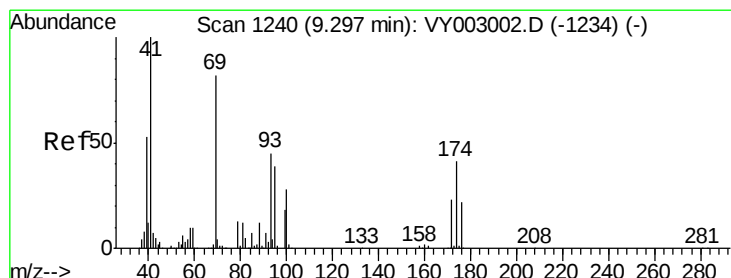
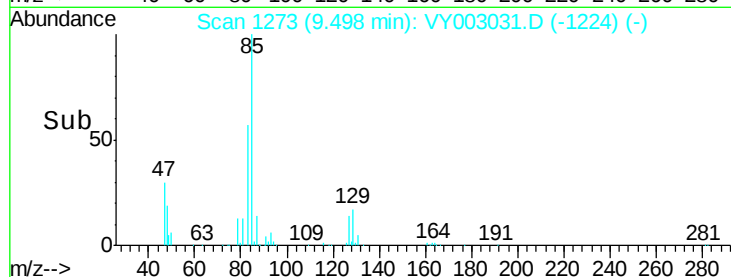
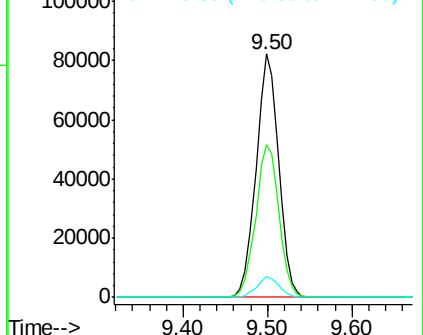
127 8.7 7.0 10.4



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: 19.610 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VY003031.D

Acq: 30 Jun 2020 12:55

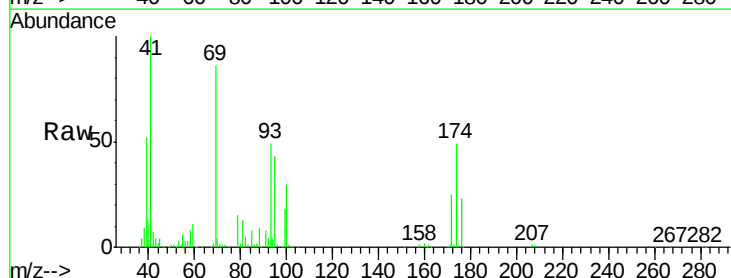
Tgt Ion: 41 Resp: 74783

Ion Ratio Lower Upper

41 100

69 85.7 67.7 101.5

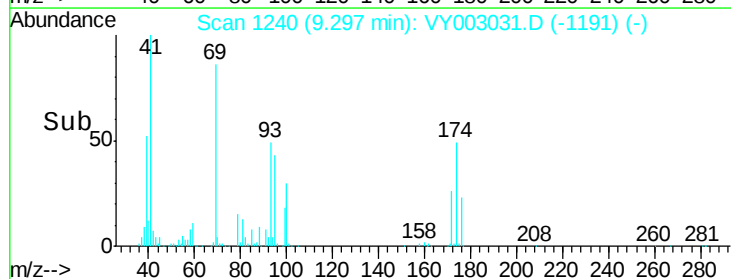
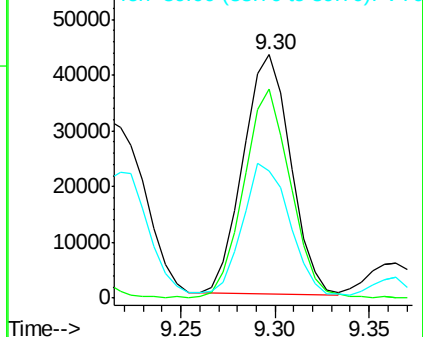
39 54.2 45.0 67.4

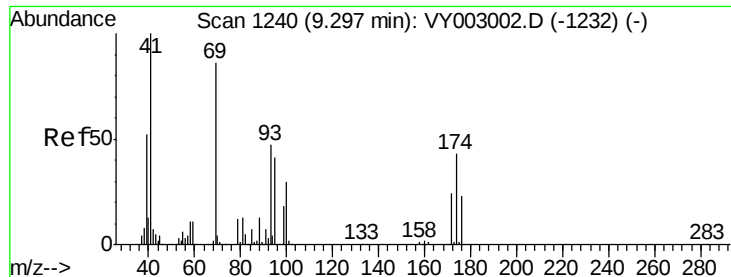


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

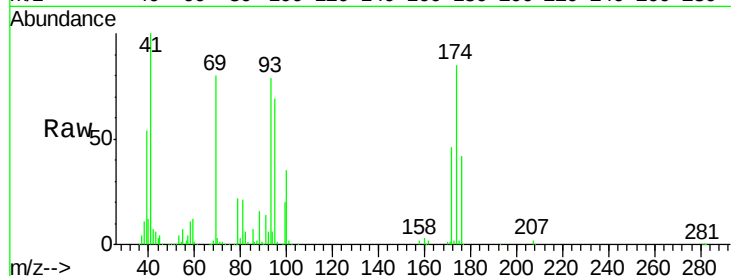




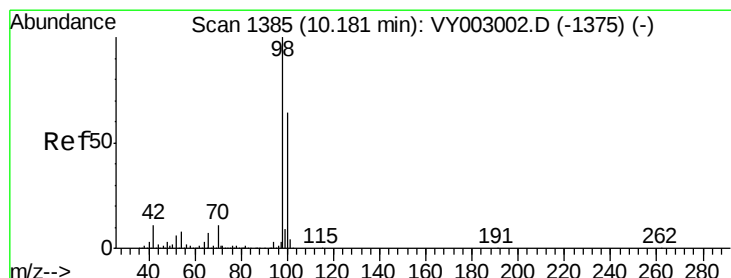
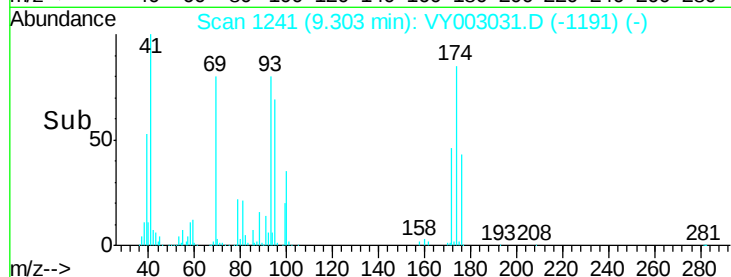
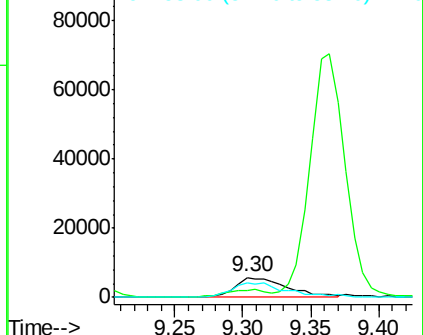
#49
1,4-Dioxane
Concen: 422.294 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VY003031.D
Acq: 30 Jun 2020 12:55

Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

Tot Ion: 88 Resp: 15544
Ion Ratio Lower Upper
88 100
43 31.4 28.6 42.8
58 79.0 56.7 85.1

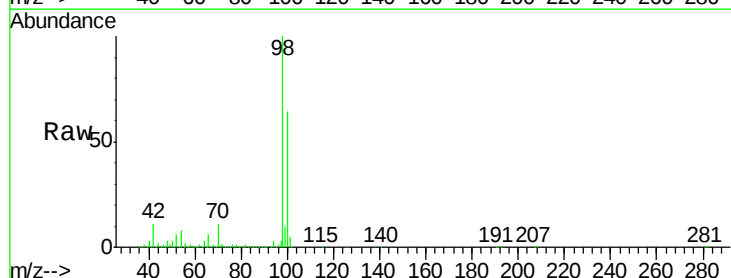


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

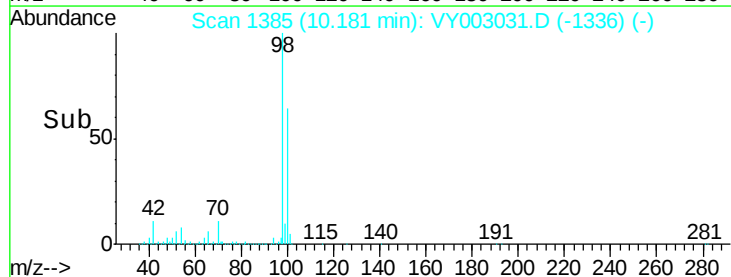
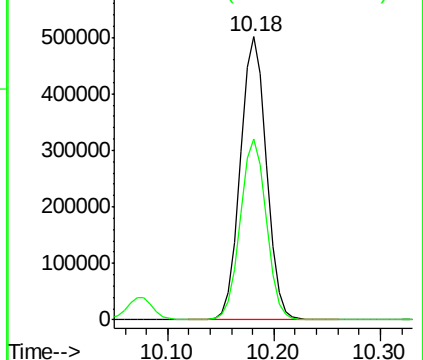


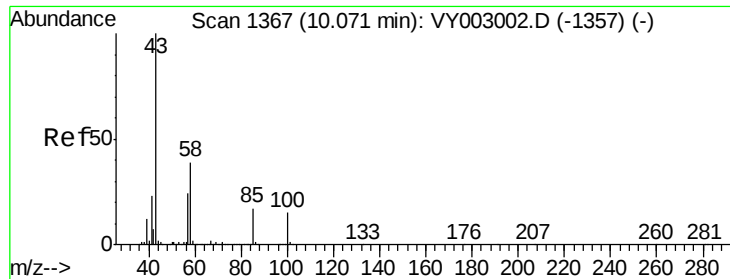
#50
Toluene-d8
Concen: 48.810 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY003031.D
Acq: 30 Jun 2020 12:55

Tgt Ion: 98 Resp: 863194
Ion Ratio Lower Upper
98 100
100 63.8 51.1 76.7



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: 98.081 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VY003031.D

Acq: 30 Jun 2020 12:55

Instrument :

MSVOA_Y

ClientSampleId :

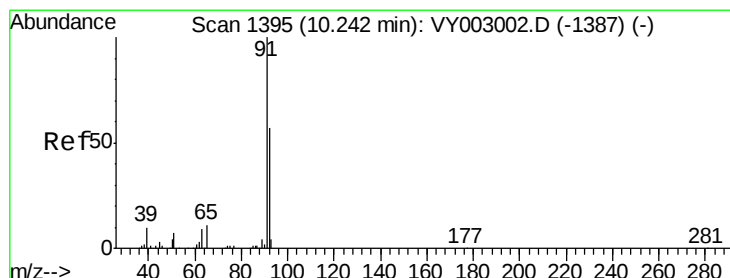
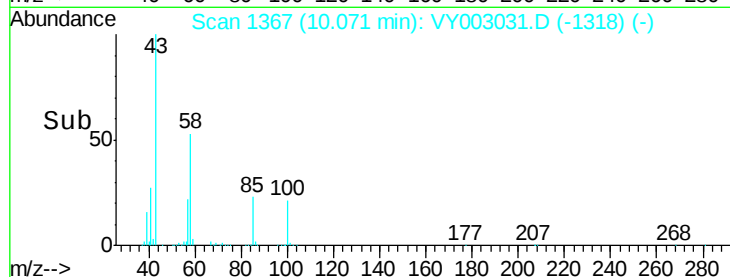
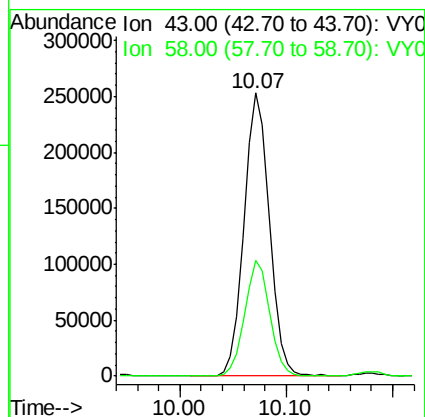
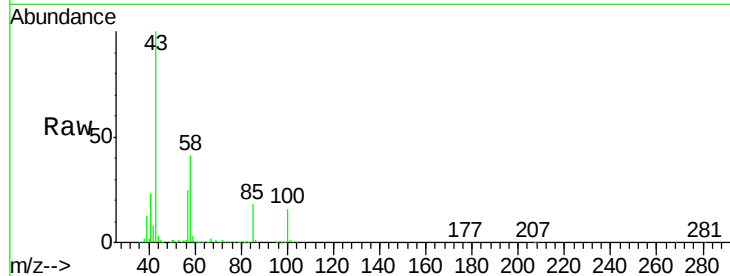
VY0630SBS01

Tot Ion: 43 Resp: 424724

Ion Ratio Lower Upper

43 100

58 40.3 31.1 46.7



#52

Toluene

Concen: 20.720 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. 0.00 min

Lab File: VY003031.D

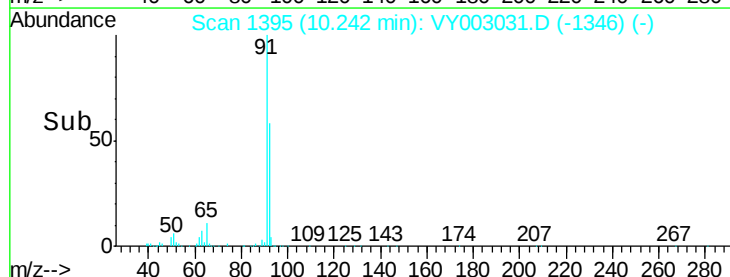
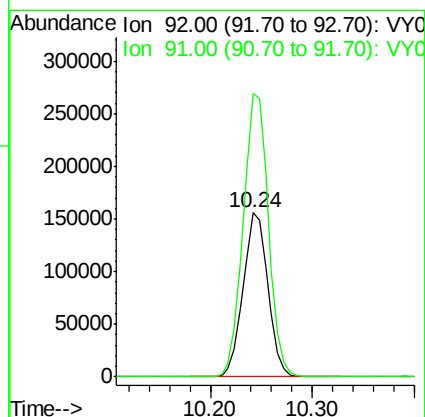
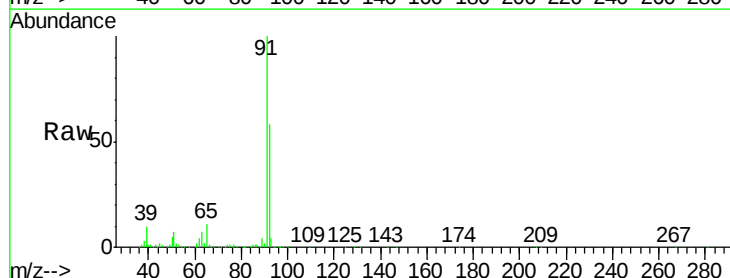
Acq: 30 Jun 2020 12:55

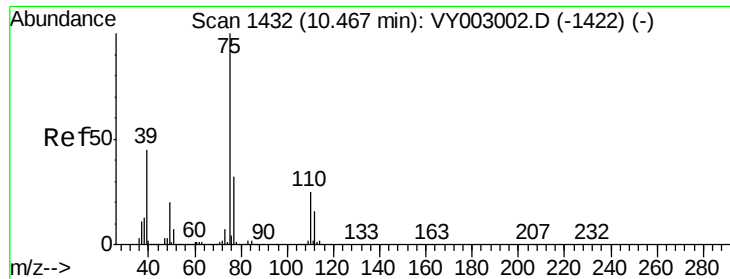
Tgt Ion: 92 Resp: 261750

Ion Ratio Lower Upper

92 100

91 176.2 139.6 209.4





#53

t-1,3-Dichloropropene

Concen: 20.021 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY003031.D

Acq: 30 Jun 2020 12:55

Instrument :

MSVOA_Y

ClientSampleId :

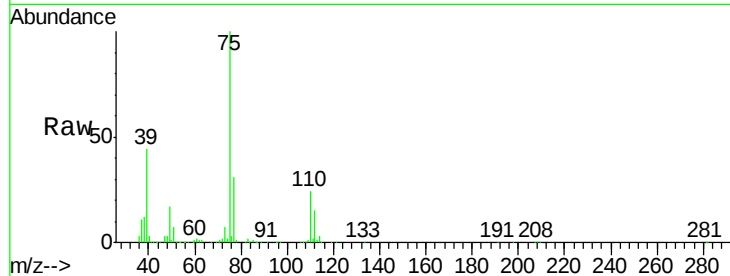
VY0630SBS01

Tot Ion: 75 Resp: 154985

Ion Ratio Lower Upper

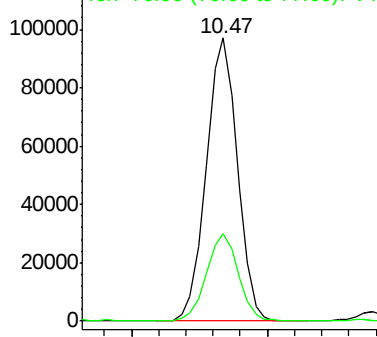
75 100

77 30.6 25.9 38.9

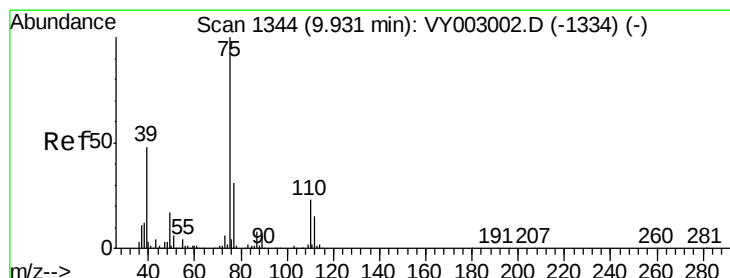
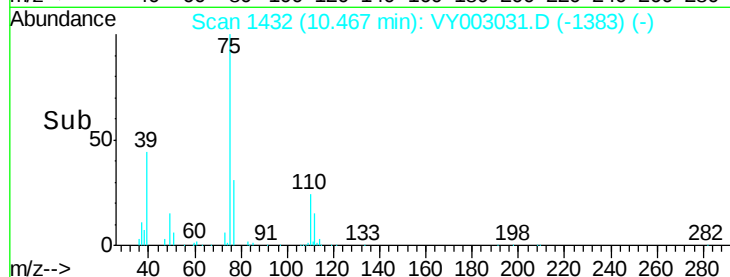


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



Time-->



#54

cis-1,3-Dichloropropene

Concen: 20.076 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY003031.D

Acq: 30 Jun 2020 12:55

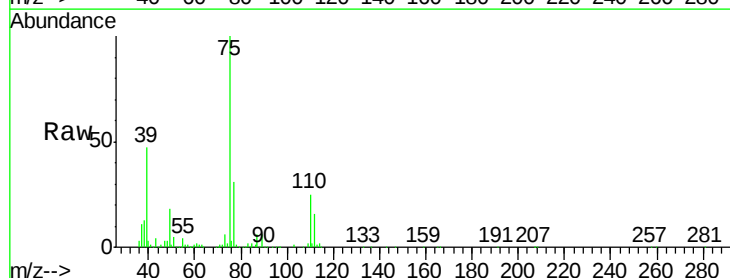
Tgt Ion: 75 Resp: 177732

Ion Ratio Lower Upper

75 100

77 31.0 24.6 37.0

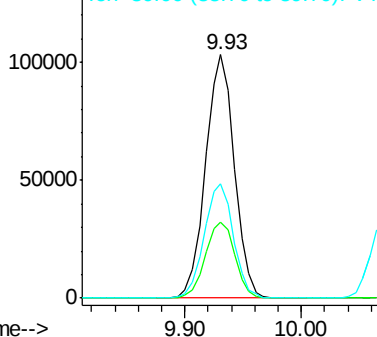
39 46.6 38.3 57.5



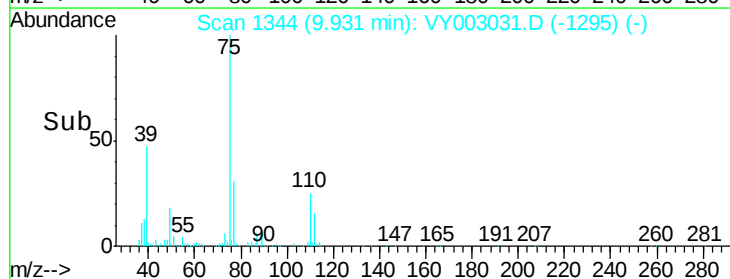
Abundance Ion 74.90 (74.60 to 75.60): VY0

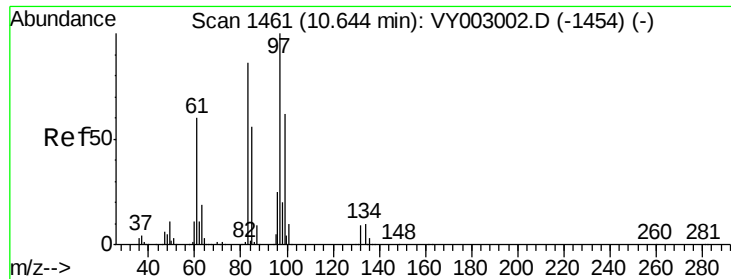
Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0



Time-->



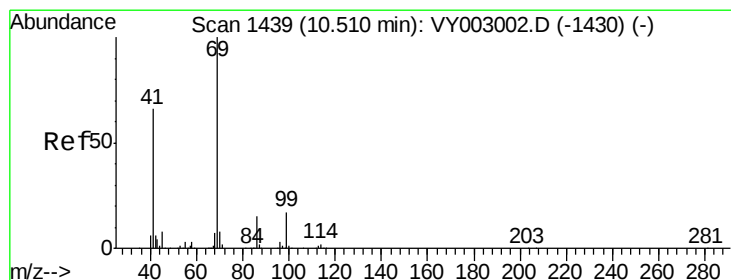
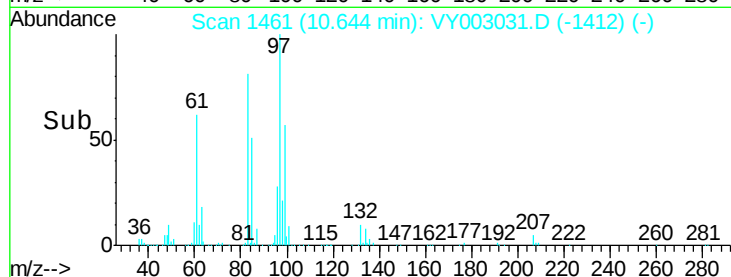
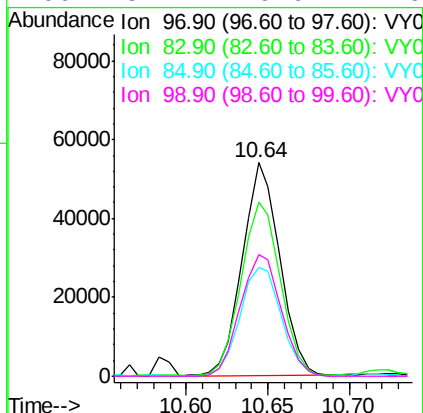
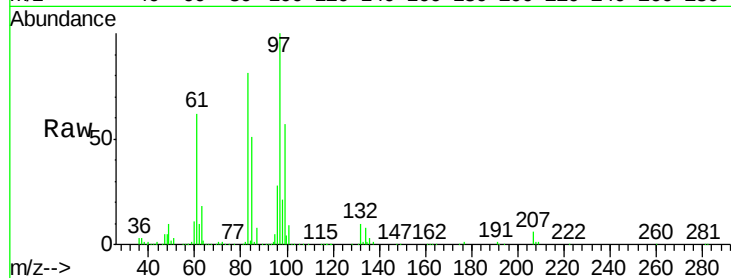


#55
 1,1,2-Trichloroethane
 Concen: 20.724 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY003031.D
 Acq: 30 Jun 2020 12:55

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0630SBS01

Tot Ion: 97 Resp: 86837

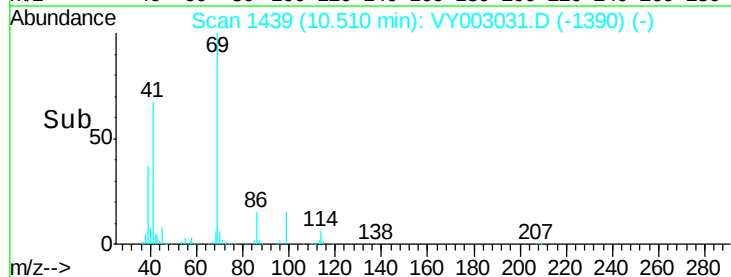
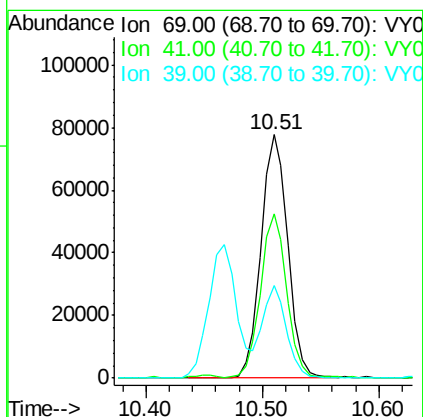
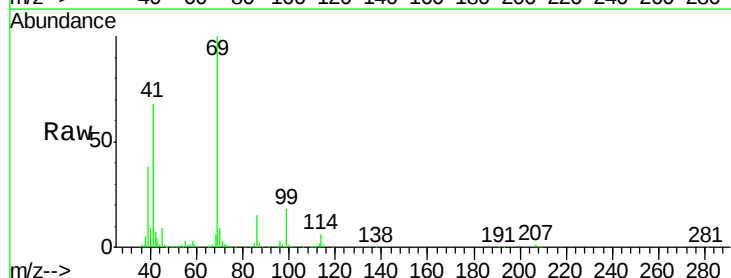
Ion	Ratio	Lower	Upper
97	100		
83	81.3	69.0	103.6
85	50.9	44.8	67.2
99	57.1	49.9	74.9

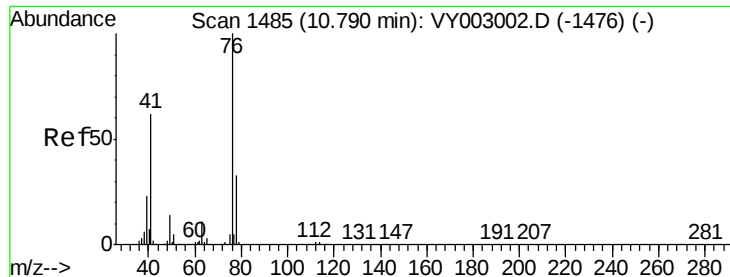


#56
 Ethyl methacrylate
 Concen: 20.479 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY003031.D
 Acq: 30 Jun 2020 12:55

Tgt Ion: 69 Resp: 124215

Ion	Ratio	Lower	Upper
69	100		
41	65.2	53.7	80.5
39	33.5	28.3	42.5





#57

1,3-Dichloropropane

Concen: 20.126 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY003031.D

Acq: 30 Jun 2020 12:55

Instrument :

MSVOA_Y

ClientSampleId :

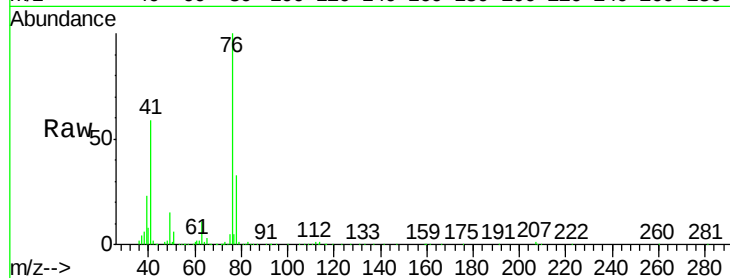
VY0630SBS01

Tot Ion: 76 Resp: 148043

Ion Ratio Lower Upper

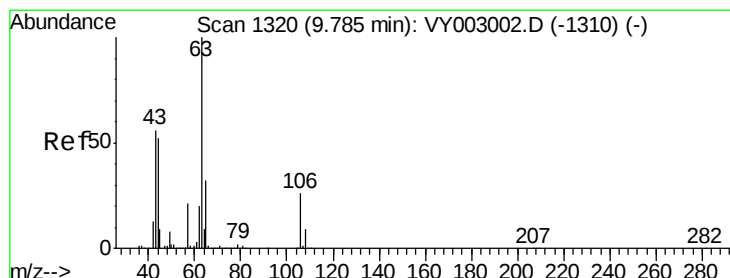
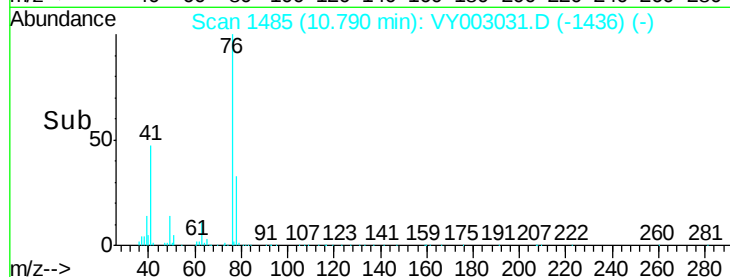
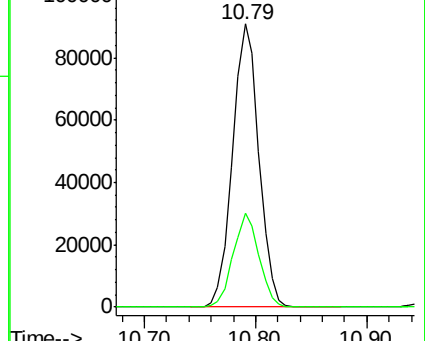
76 100

78 32.6 26.0 39.0



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: 90.784 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY003031.D

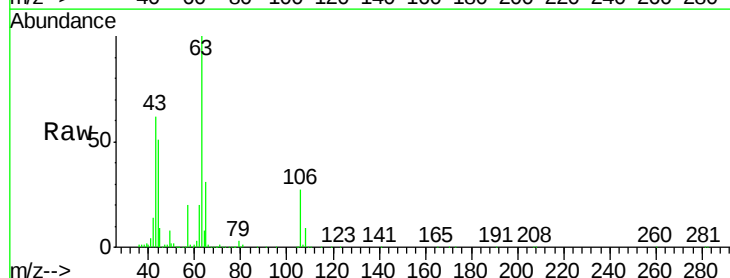
Acq: 30 Jun 2020 12:55

Tgt Ion: 63 Resp: 282408

Ion Ratio Lower Upper

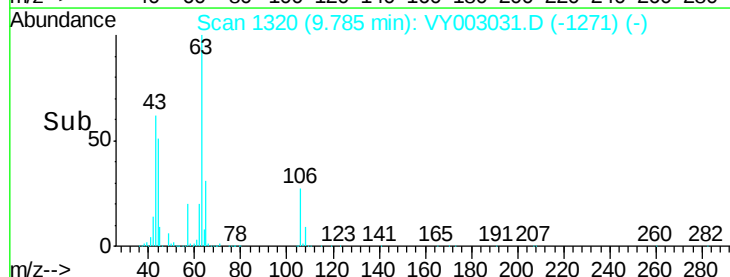
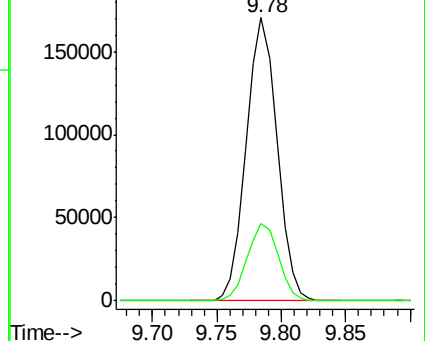
63 100

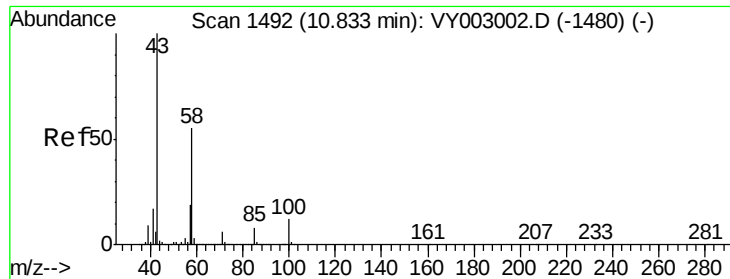
106 27.5 21.5 32.3



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

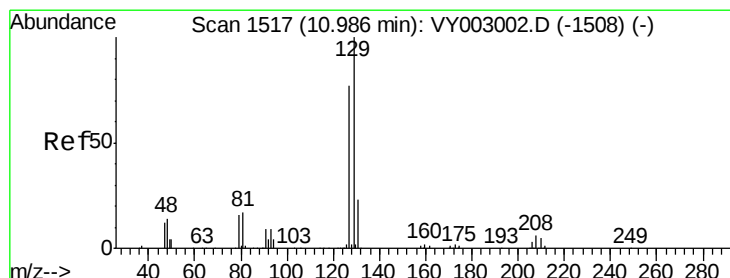
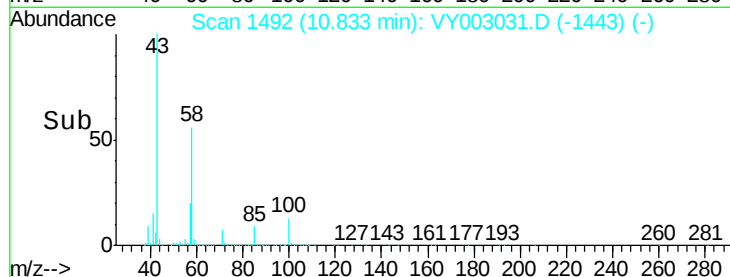
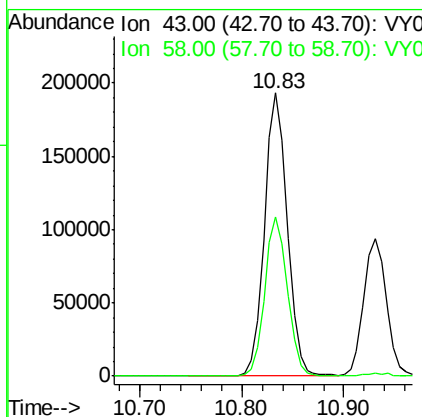
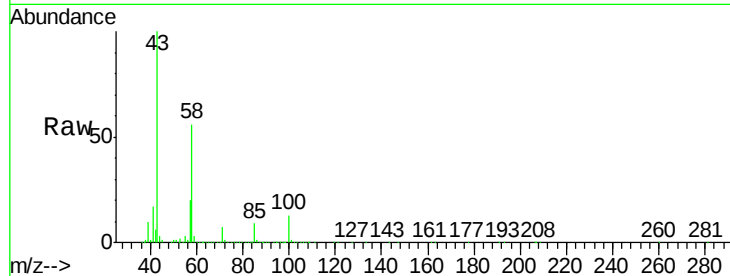




#59
2-Hexanone
Concen: 99.151 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY003031.D
Acq: 30 Jun 2020 12:55

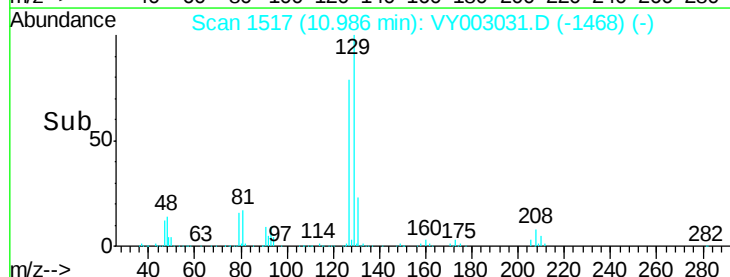
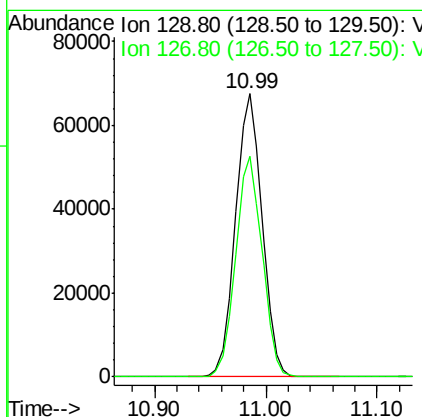
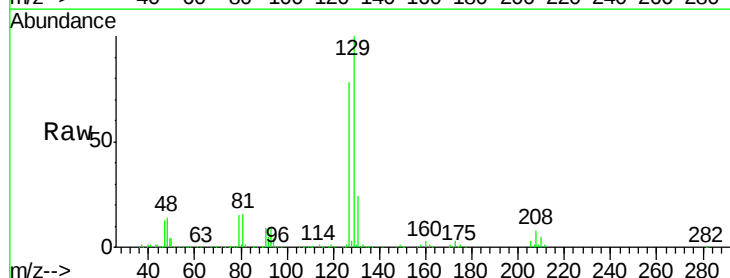
Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

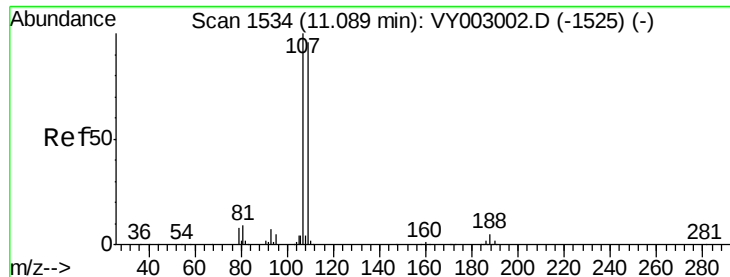
Tot Ion: 43 Resp: 300105
Ion Ratio Lower Upper
43 100
58 56.0 27.5 82.4



#60
Dibromochloromethane
Concen: 20.834 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY003031.D
Acq: 30 Jun 2020 12:55

Tgt Ion: 129 Resp: 111719
Ion Ratio Lower Upper
129 100
127 77.4 39.1 117.3

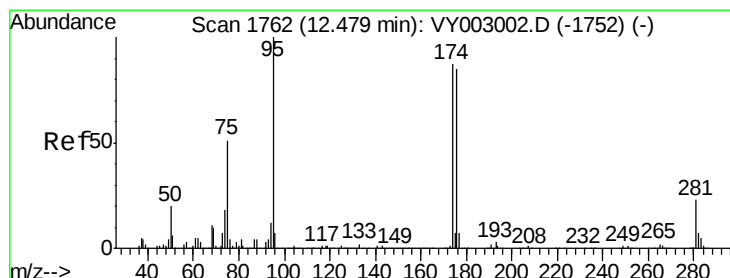
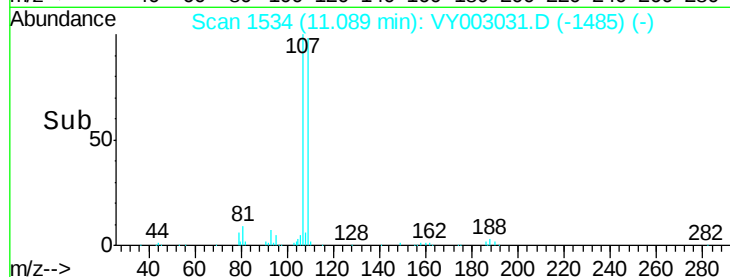
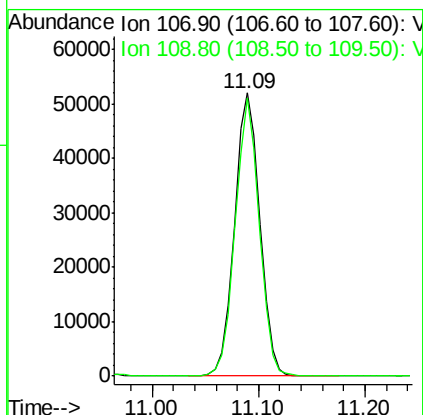
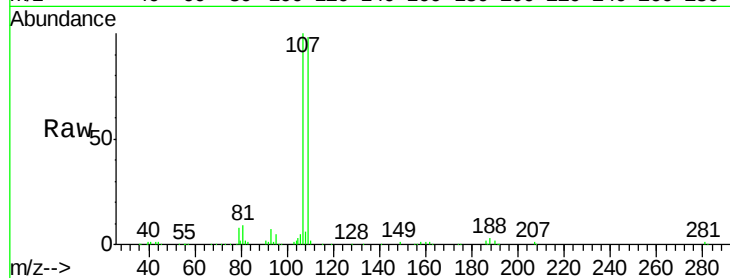




#61
 1,2-Dibromoethane
 Concen: 21.014 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY003031.D
 Acq: 30 Jun 2020 12:55

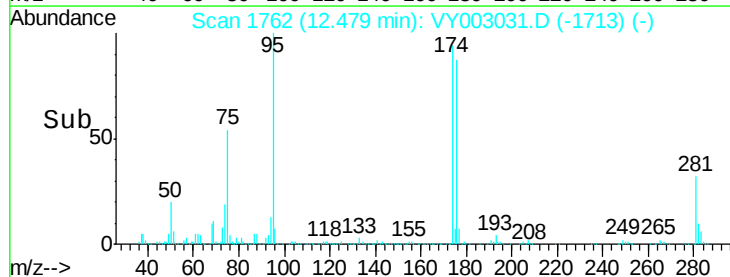
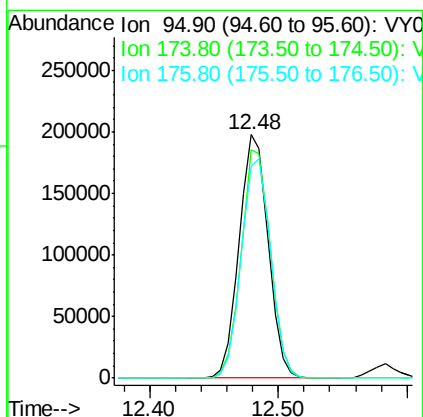
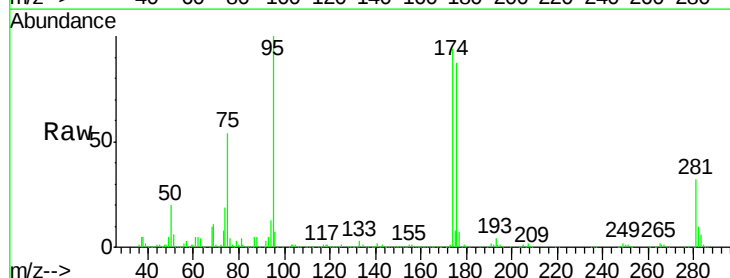
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0630SBS01

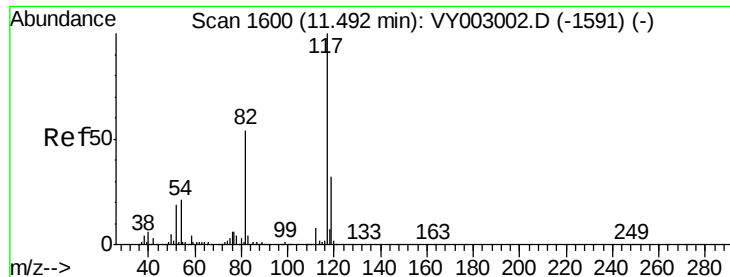
Tot Ion: 107 Resp: 86807
 Ion Ratio Lower Upper
 107 100
 109 94.0 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 49.282 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY003031.D
 Acq: 30 Jun 2020 12:55

Tgt Ion: 95 Resp: 306783
 Ion Ratio Lower Upper
 95 100
 174 94.0 0.0 184.8
 176 91.4 0.0 183.0

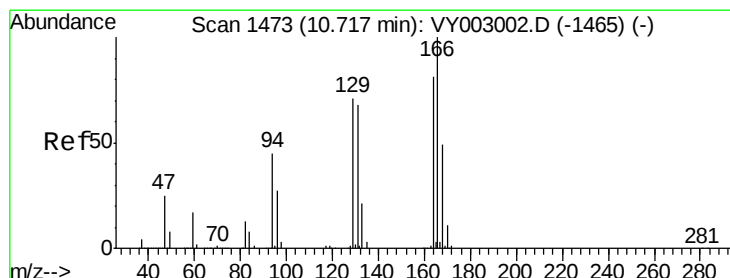
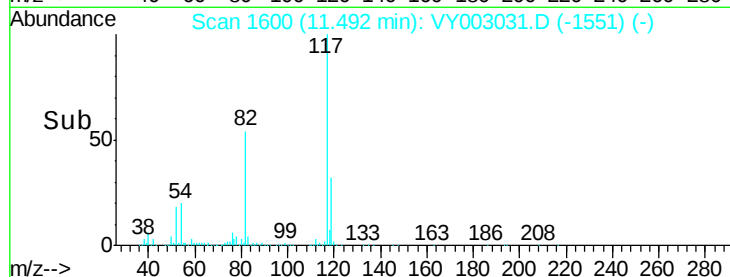
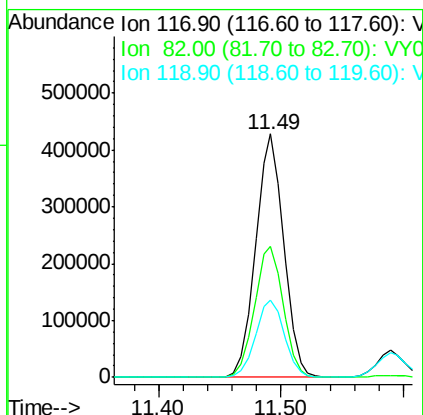
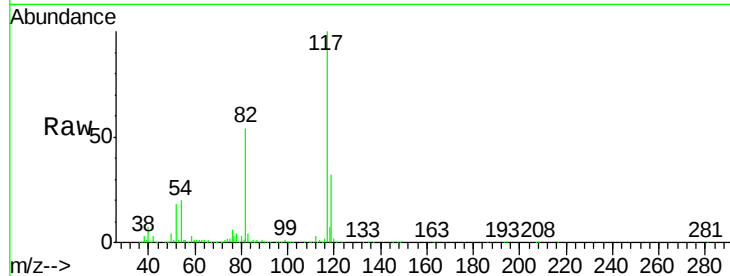




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003031.D
Acq: 30 Jun 2020 12:55

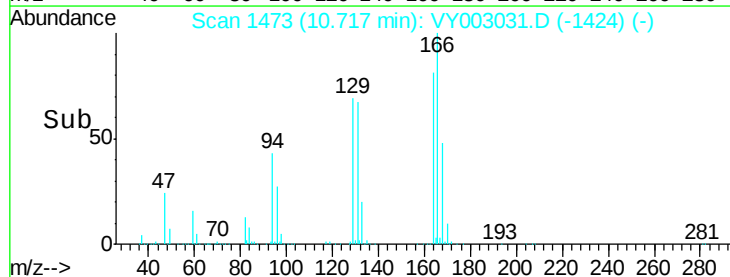
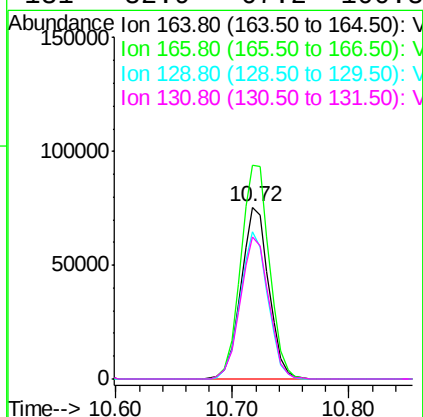
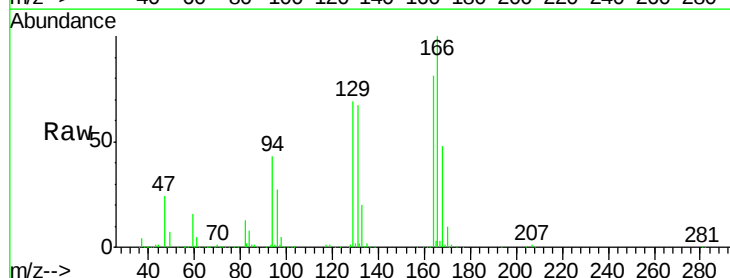
Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

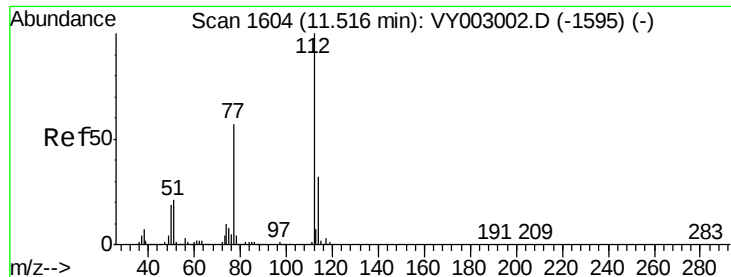
Tot Ion:117 Resp: 683594
Ion Ratio Lower Upper
117 100
82 53.9 43.0 64.6
119 31.5 25.8 38.8



#64
Tetrachloroethene
Concen: 21.712 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY003031.D
Acq: 30 Jun 2020 12:55

Tgt Ion:164 Resp: 125614
Ion Ratio Lower Upper
164 100
166 124.1 98.5 147.7
129 85.8 69.7 104.5
131 82.9 67.2 100.8

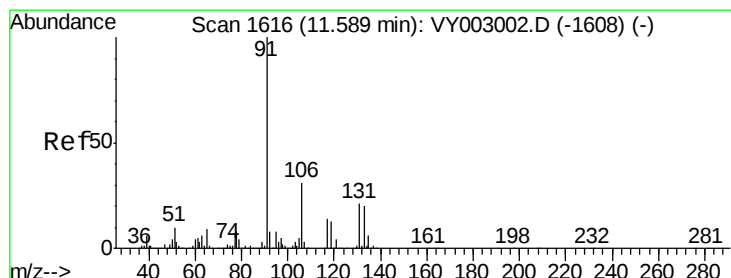
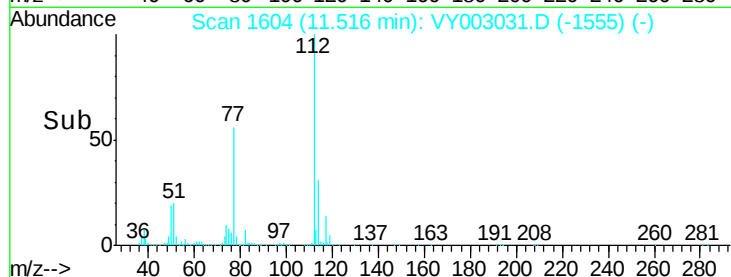
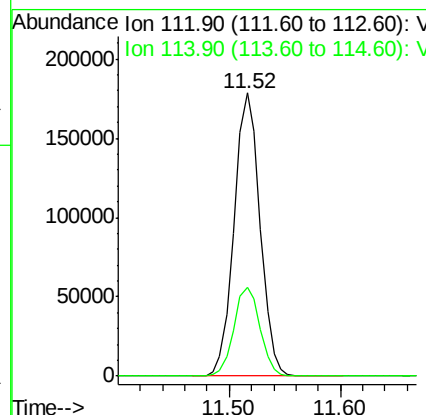
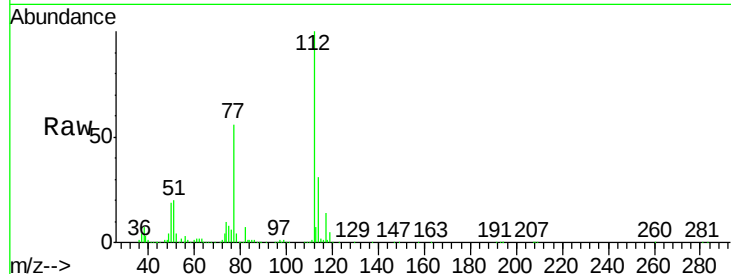




#65
Chlorobenzene
Concen: 21.286 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY003031.D
Acq: 30 Jun 2020 12:55

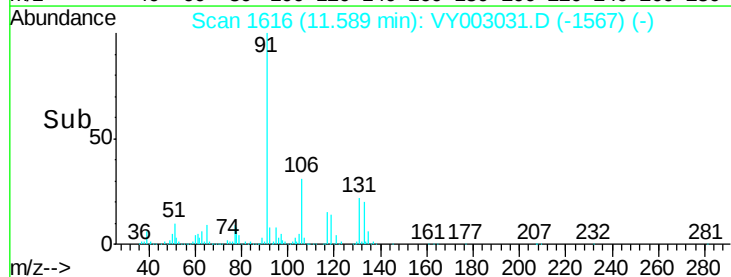
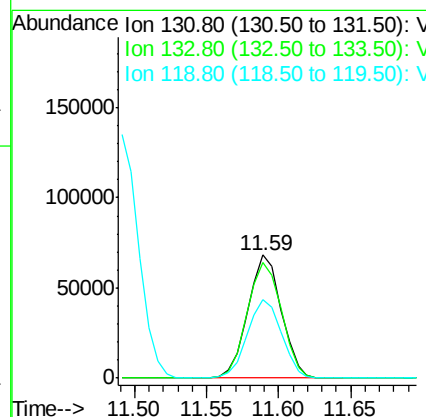
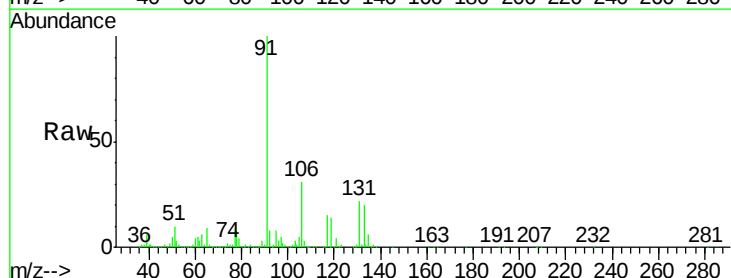
Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

Tot Ion:112 Resp: 286915
Ion Ratio Lower Upper
112 100
114 31.4 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 20.901 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY003031.D
Acq: 30 Jun 2020 12:55

Tgt Ion:131 Resp: 109993
Ion Ratio Lower Upper
131 100
133 96.5 47.9 143.8
119 65.0 31.8 95.3





#67

Ethyl Benzene

Concen: 20.952 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. 0.01 min

Lab File: VY003031.D

Acq: 30 Jun 2020 12:55

Instrument :

MSVOA_Y

ClientSampleId :

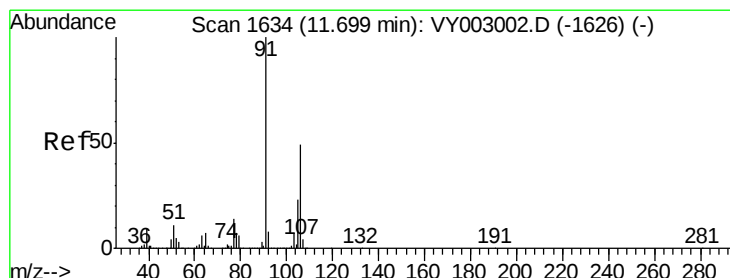
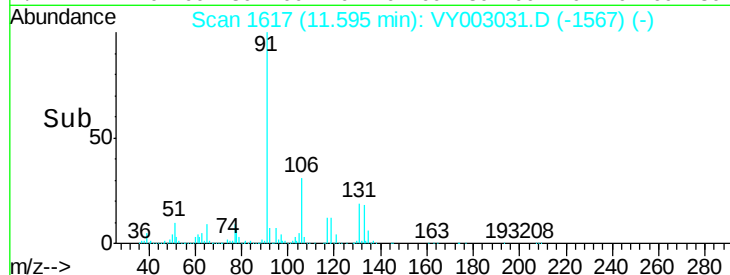
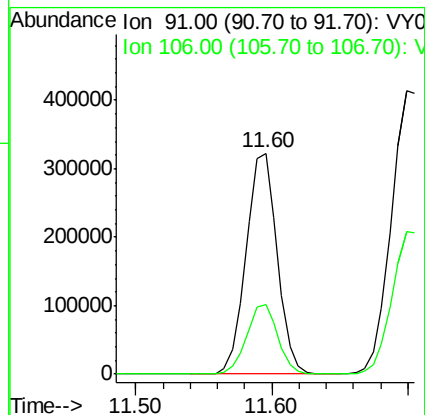
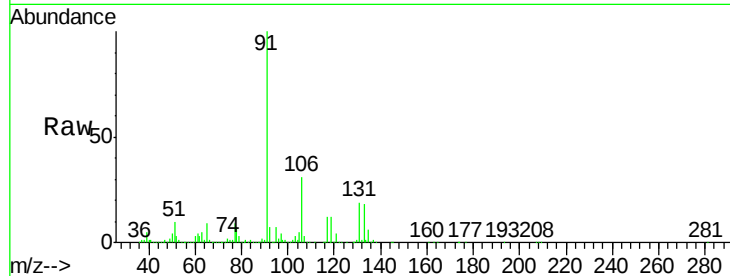
VY0630SBS01

Tot Ion: 91 Resp: 516670

Ion Ratio Lower Upper

91 100

106 31.2 25.0 37.4



#68

m/p-Xylenes

Concen: 42.237 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VY003031.D

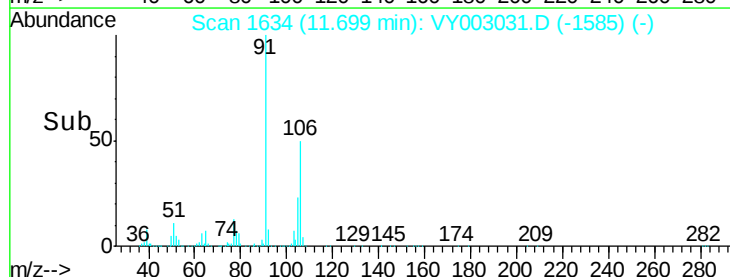
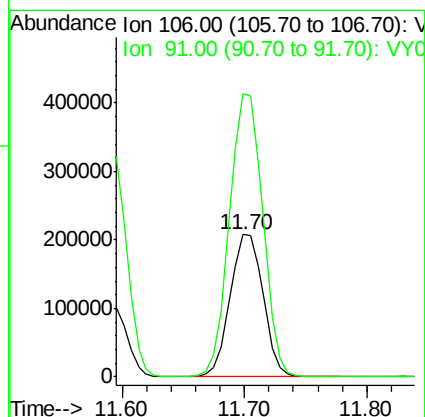
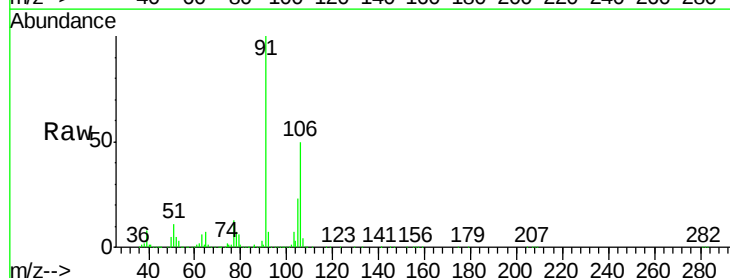
Acq: 30 Jun 2020 12:55

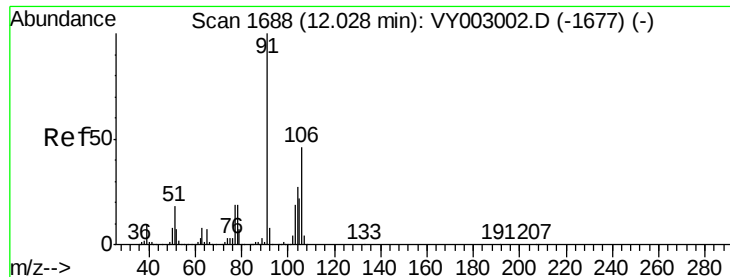
Tgt Ion: 106 Resp: 387637

Ion Ratio Lower Upper

106 100

91 200.5 161.9 242.9

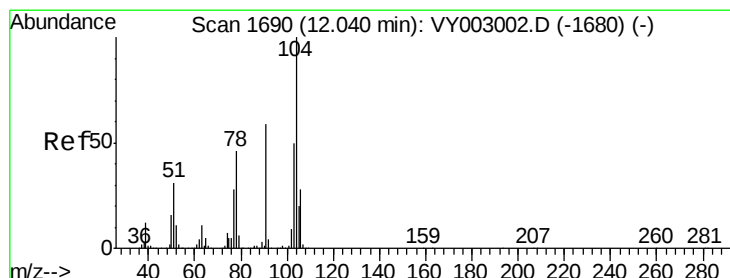
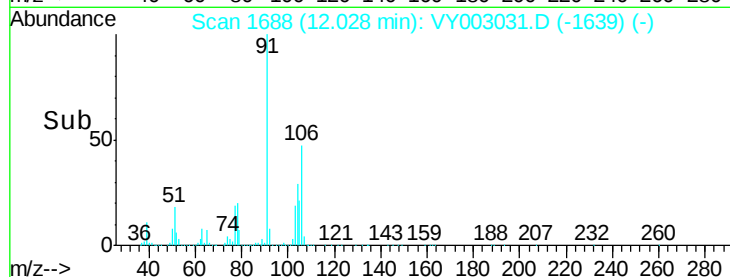
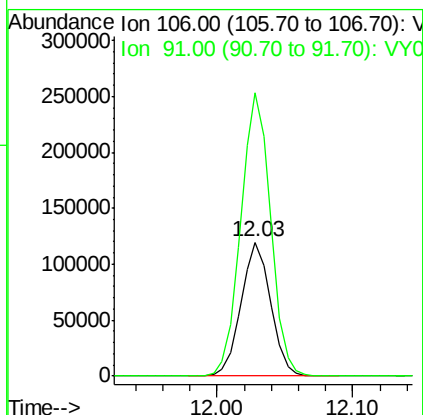
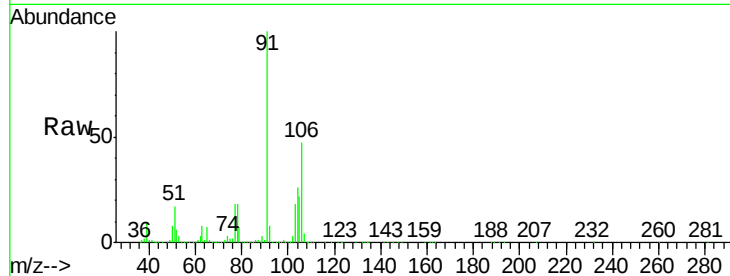




#69
o-Xylene
Concen: 20.987 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY003031.D
Acq: 30 Jun 2020 12:55

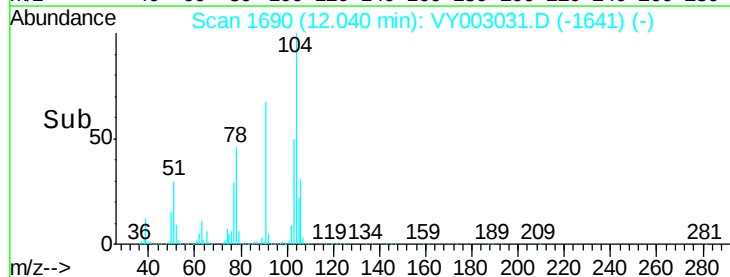
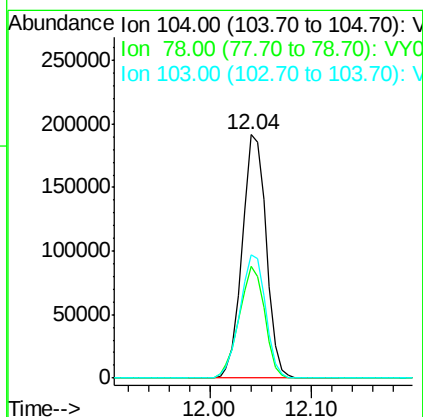
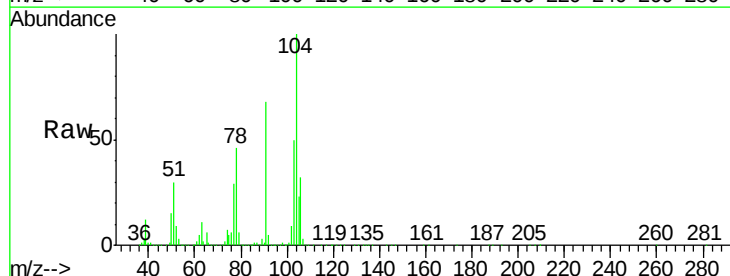
Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

Tot Ion:106 Resp: 181504
Ion Ratio Lower Upper
106 100
91 213.0 107.9 323.8



#70
Styrene
Concen: 21.217 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY003031.D
Acq: 30 Jun 2020 12:55

Tgt Ion:104 Resp: 313479
Ion Ratio Lower Upper
104 100
78 48.7 40.4 60.6
103 54.1 44.1 66.1

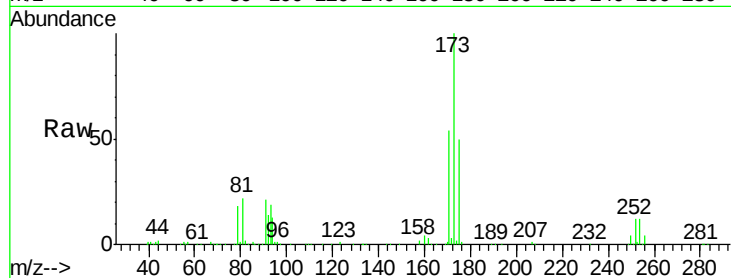




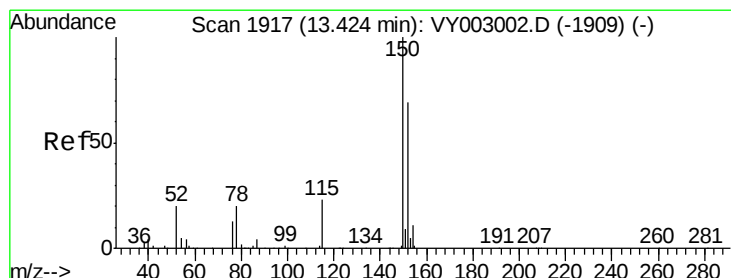
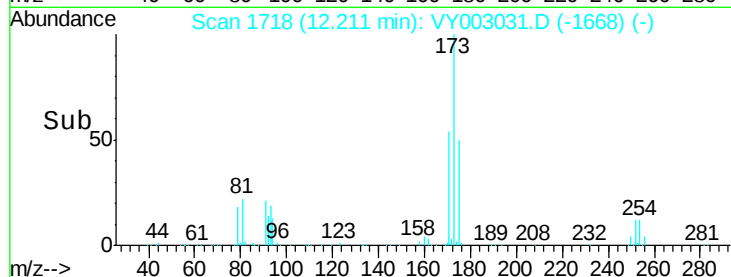
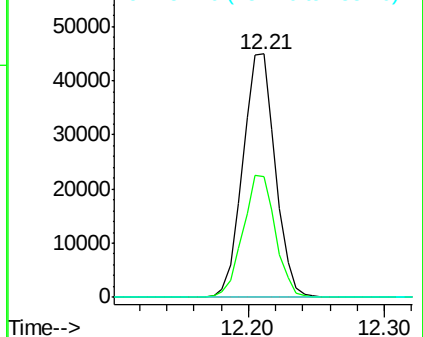
#71
Bromoform
Concen: 21.360 ug/l
RT: 12.21 min Scan# 1718
Delta R.T. 0.01 min
Lab File: VY003031.D
Acq: 30 Jun 2020 12:55

Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

Tot Ion:173 Resp: 74954
Ion Ratio Lower Upper
173 100
175 50.0 24.6 73.6
254 0.2 0.2 0.2

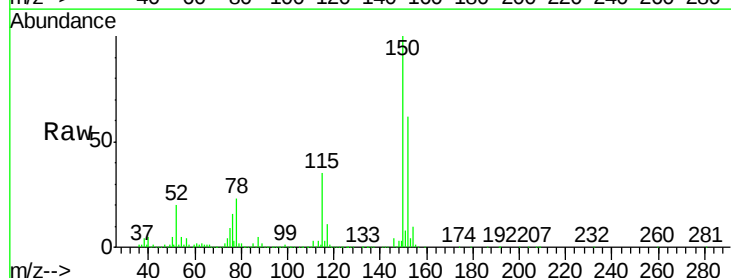


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

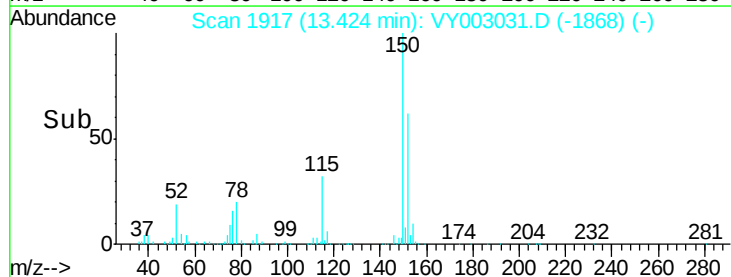
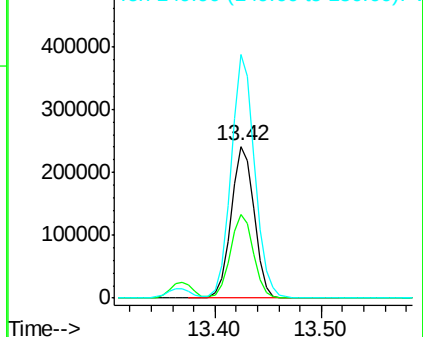


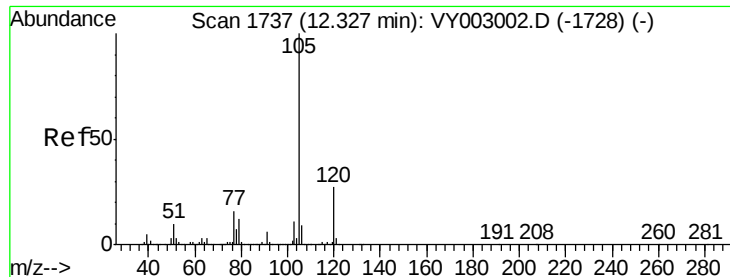
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003031.D
Acq: 30 Jun 2020 12:55

Tgt Ion:152 Resp: 365515
Ion Ratio Lower Upper
152 100
115 54.7 27.3 81.9
150 164.3 0.0 343.4



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: 20.908 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY003031.D

Acq: 30 Jun 2020 12:55

Instrument :

MSVOA_Y

ClientSampleId :

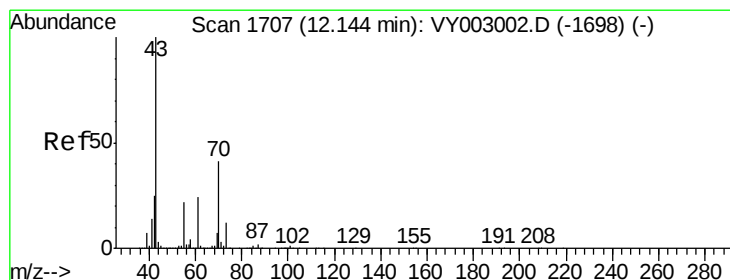
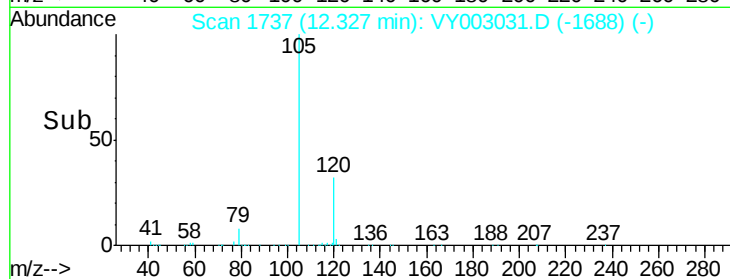
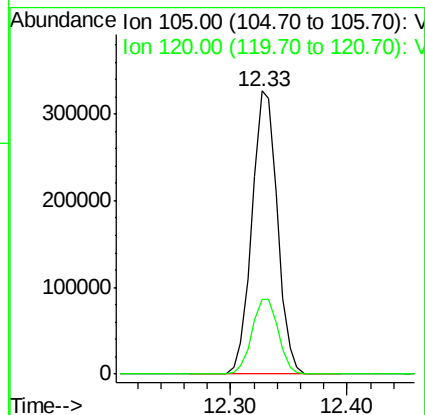
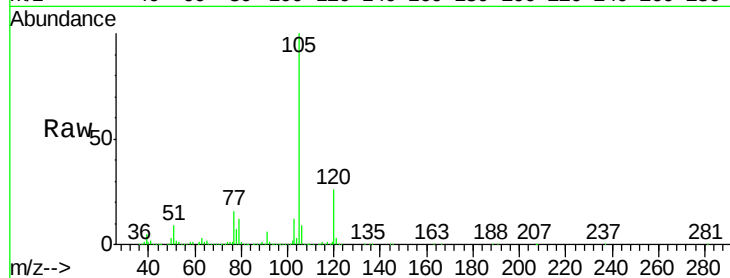
VY0630SBS01

Tot Ion:105 Resp: 500160

Ion Ratio Lower Upper

105 100

120 27.4 13.4 40.1



#74

N-ethyl acetate

Concen: 19.993 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY003031.D

Acq: 30 Jun 2020 12:55

Tgt Ion: 43 Resp: 155696

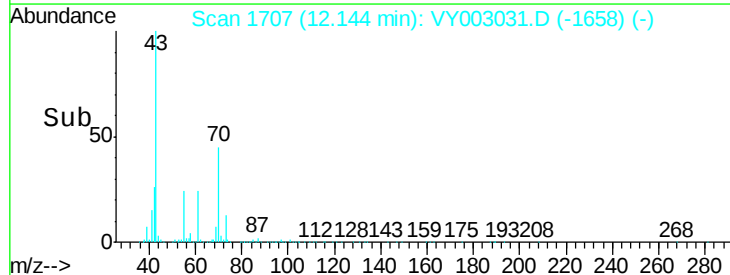
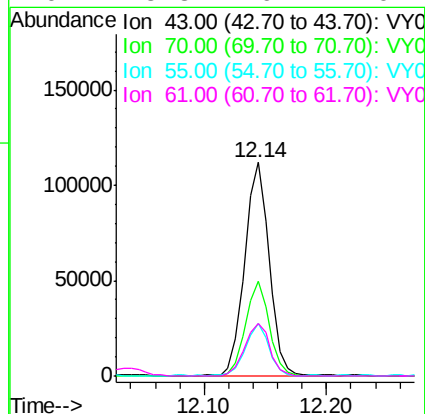
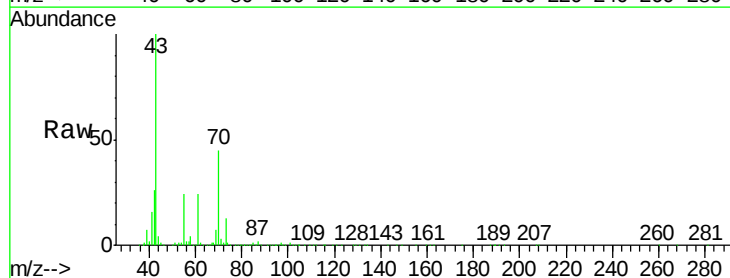
Ion Ratio Lower Upper

43 100

70 43.3 33.0 49.4

55 23.1 18.2 27.2

61 25.3 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 21.270 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY003031.D

Acq: 30 Jun 2020 12:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0630SBS01

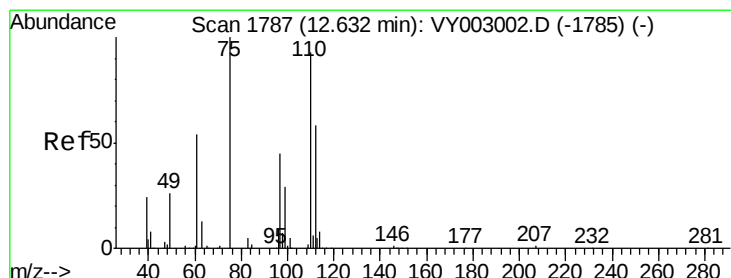
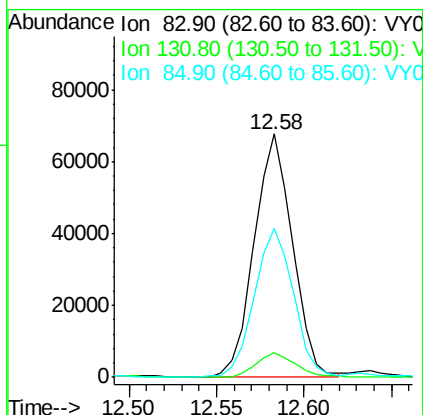
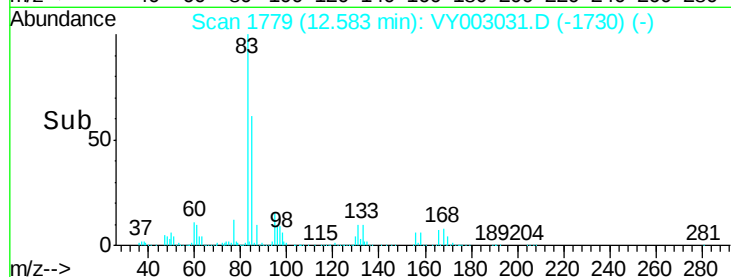
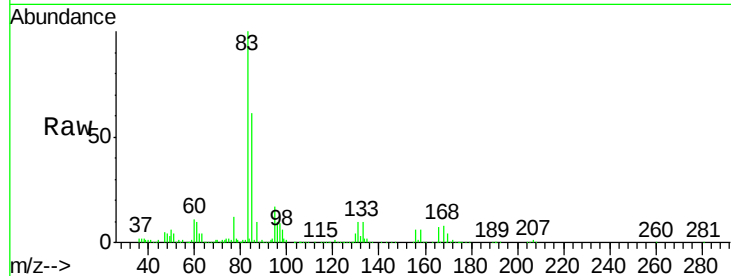
Tot Ion: 83 Resp: 102678

Ion Ratio Lower Upper

83 100

131 10.7 5.3 16.1

85 62.3 32.1 96.3



#76

1,2,3-Trichloropropane

Concen: 39.645 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY003031.D

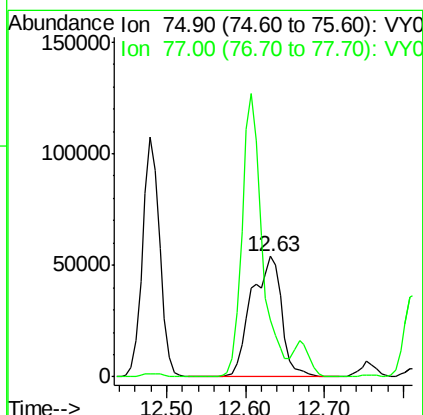
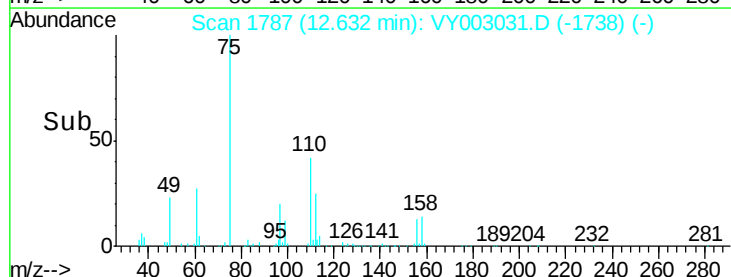
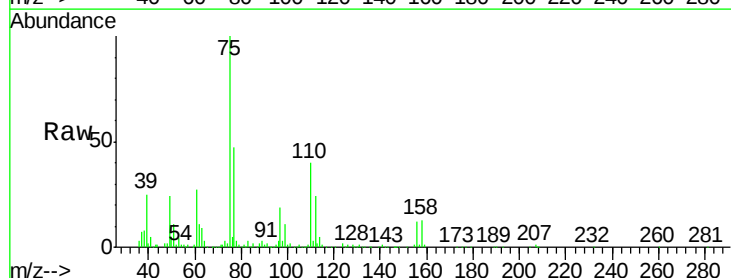
Acq: 30 Jun 2020 12:55

Tgt Ion: 75 Resp: 143416

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.062 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY003031.D

Acq: 30 Jun 2020 12:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0630SBS01

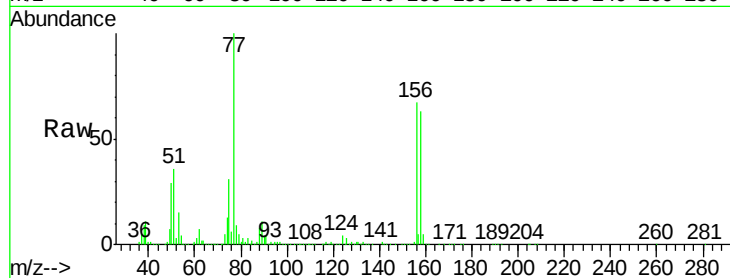
Tot Ion:156 Resp: 129184

Ion Ratio Lower Upper

156 100

77 172.5 90.0 270.0

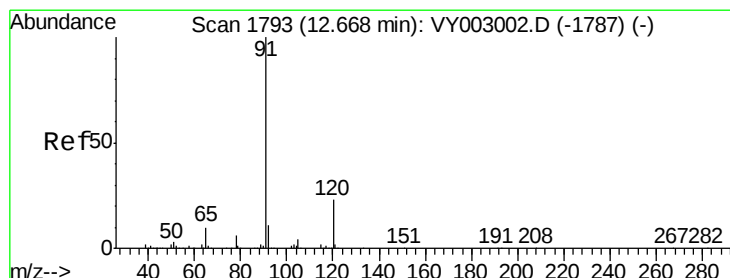
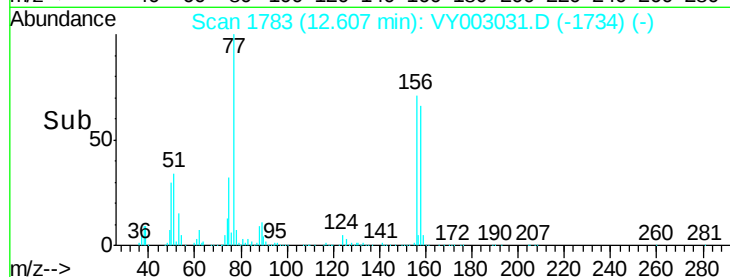
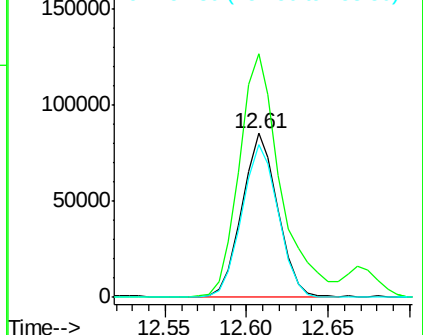
158 95.8 48.5 145.5



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: 20.787 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY003031.D

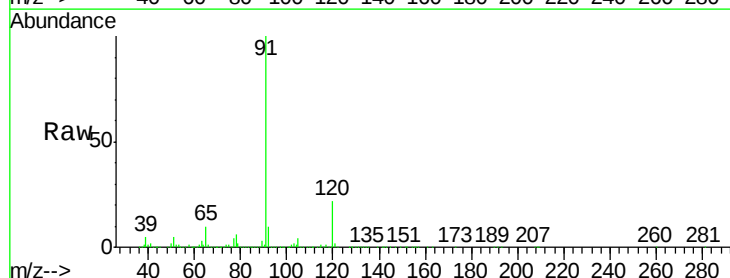
Acq: 30 Jun 2020 12:55

Tgt Ion: 91 Resp: 598023

Ion Ratio Lower Upper

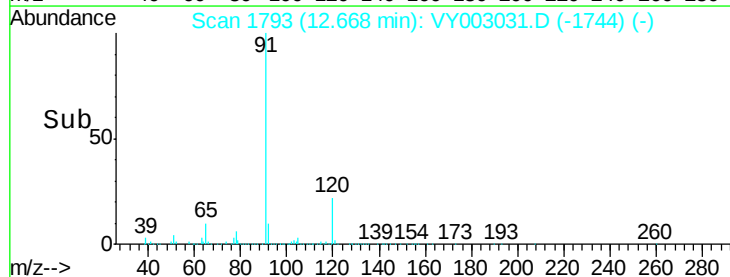
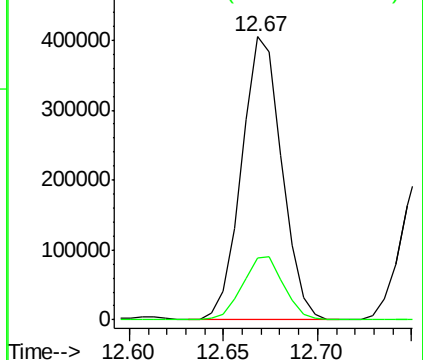
91 100

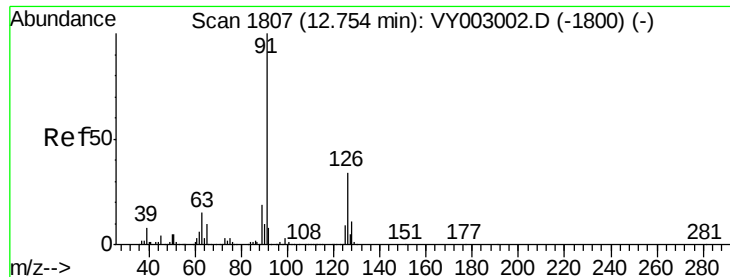
120 22.9 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

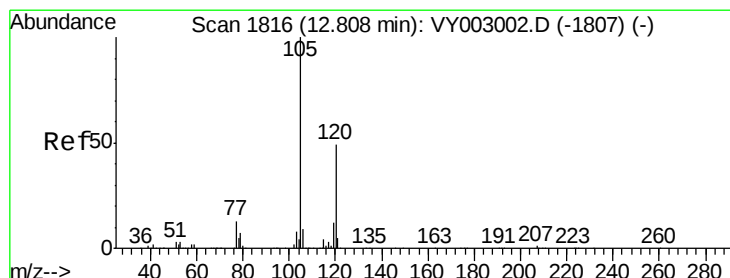
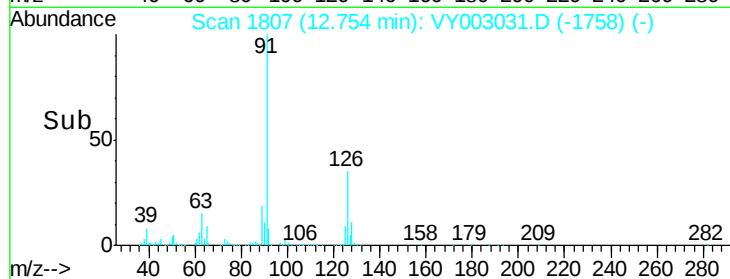
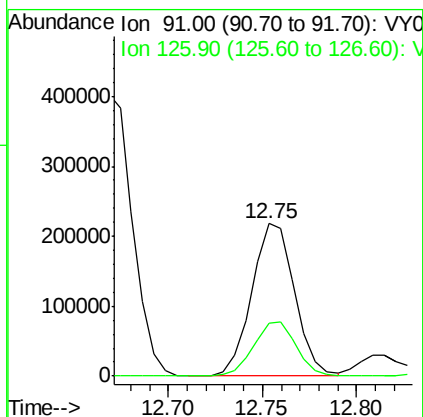
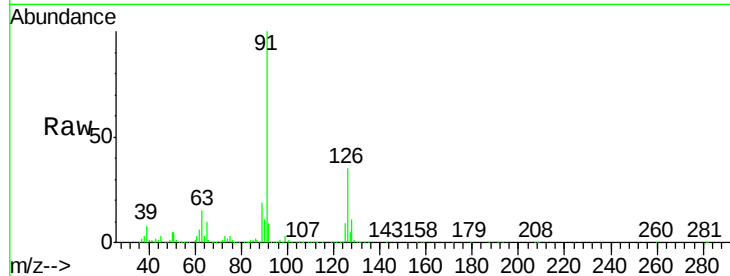




#79
 2-Chlorotoluene
 Concen: 21.306 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: VY003031.D
 Acq: 30 Jun 2020 12:55

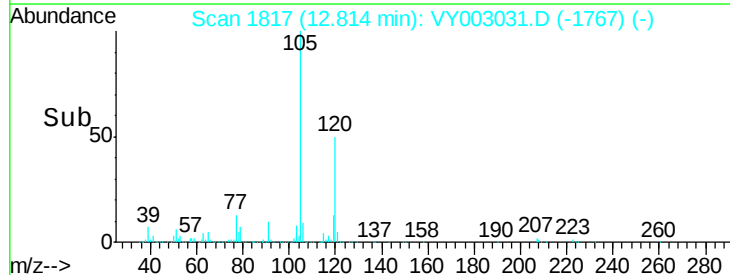
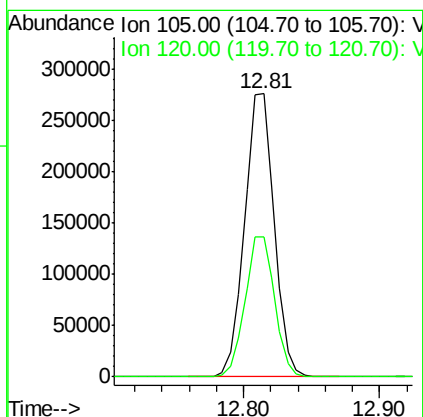
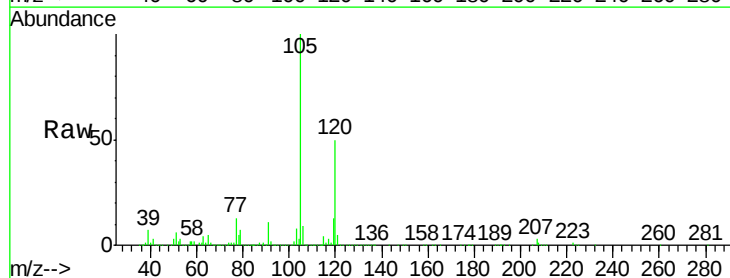
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0630SBS01

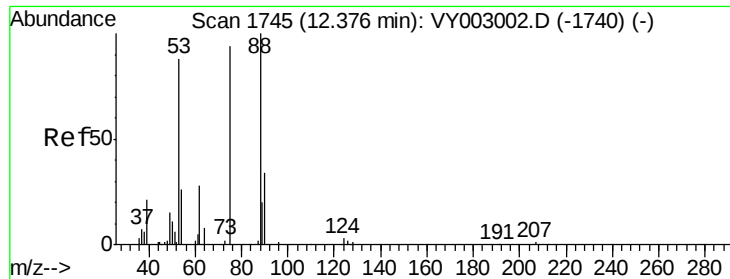
Tot Ion: 91 Resp: 342128
 Ion Ratio Lower Upper
 91 100
 126 35.5 17.1 51.3



#80
 1,3,5-Trimethylbenzene
 Concen: 20.942 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. 0.01 min
 Lab File: VY003031.D
 Acq: 30 Jun 2020 12:55

Tgt Ion: 105 Resp: 420386
 Ion Ratio Lower Upper
 105 100
 120 49.6 24.6 73.6





#81

trans-1,4-Dichloro-2-butene

Concen: 20.414 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VY003031.D

Acq: 30 Jun 2020 12:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0630SBS01

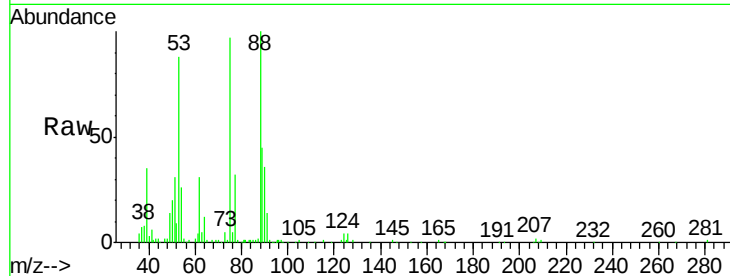
Tot Ion: 75 Resp: 37956

Ion Ratio Lower Upper

75 100

53 94.6 73.9 110.9

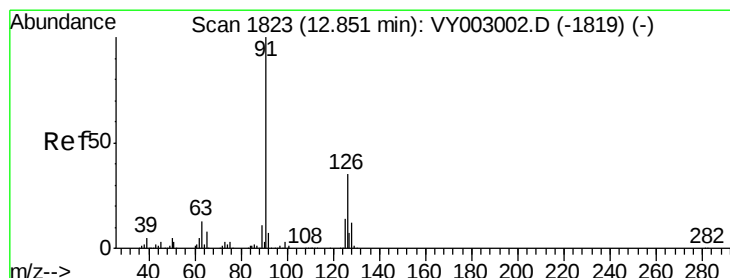
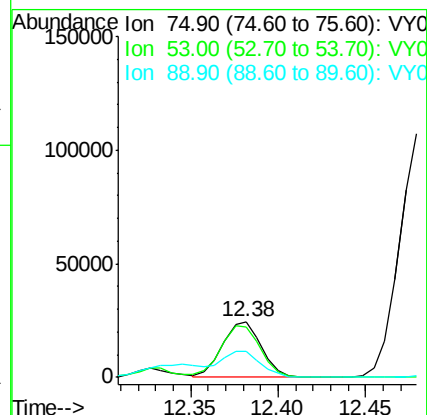
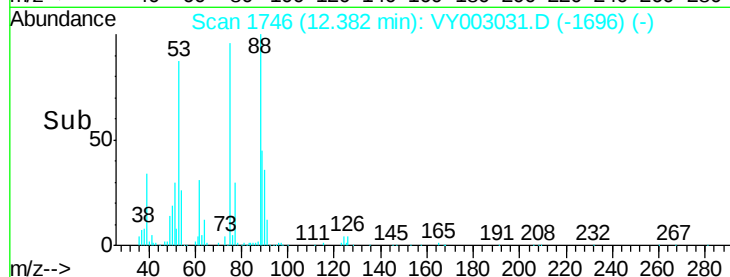
89 47.7 37.5 56.3



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 21.738 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.00 min

Lab File: VY003031.D

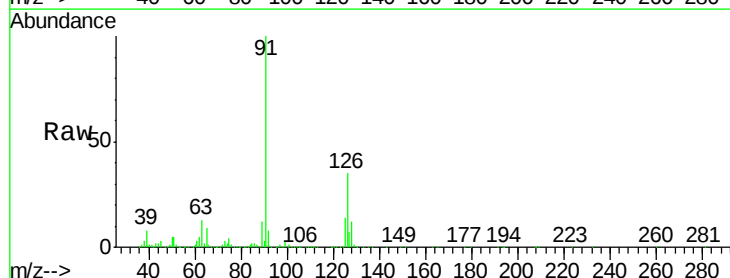
Acq: 30 Jun 2020 12:55

Tgt Ion: 91 Resp: 363447

Ion Ratio Lower Upper

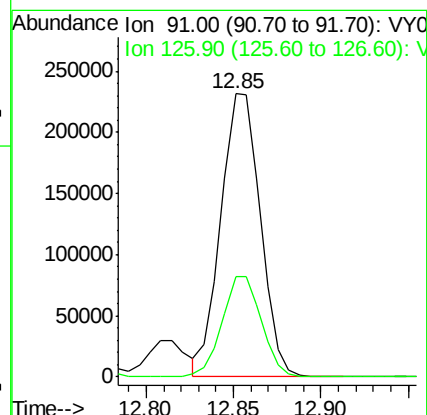
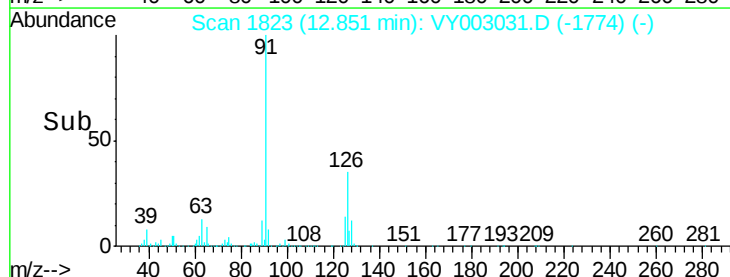
91 100

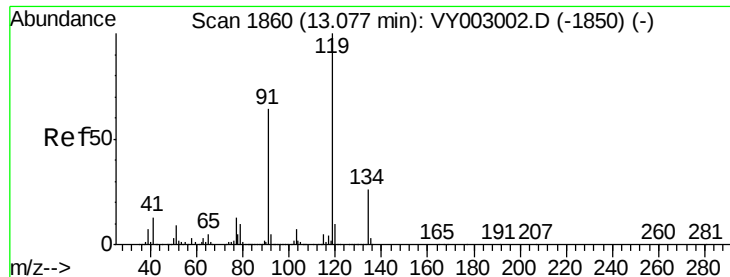
126 35.2 17.4 52.3



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 20.991 ug/l

RT: 13.08 min Scan# 1860

Delta R.T. -0.00 min

Lab File: VY003031.D

Acq: 30 Jun 2020 12:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0630SBS01

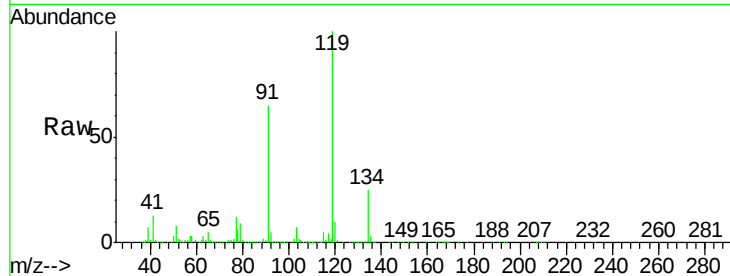
Tot Ion:119 Resp: 369987

Ion Ratio Lower Upper

119 100

91 63.1 31.6 95.0

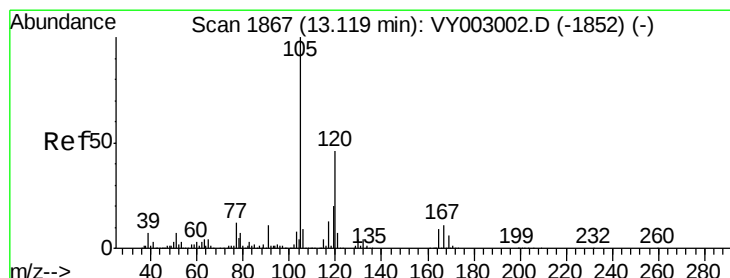
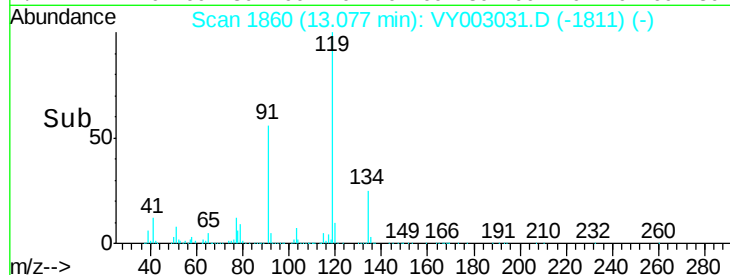
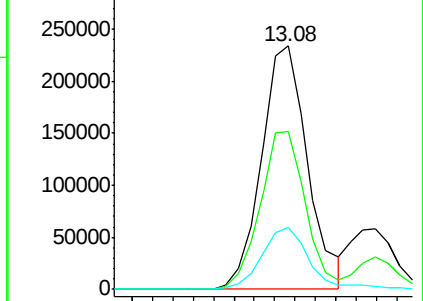
134 26.4 13.2 39.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.925 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VY003031.D

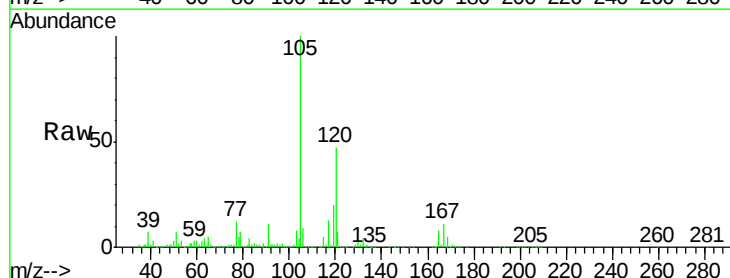
Acq: 30 Jun 2020 12:55

Tgt Ion:105 Resp: 423253

Ion Ratio Lower Upper

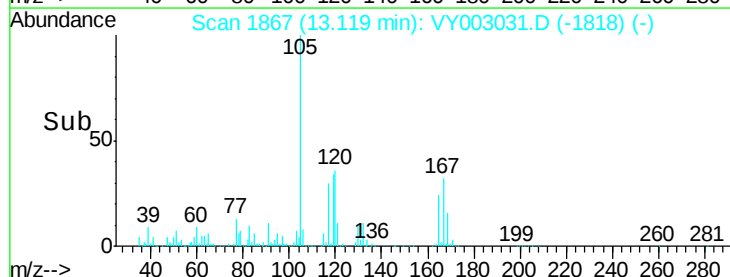
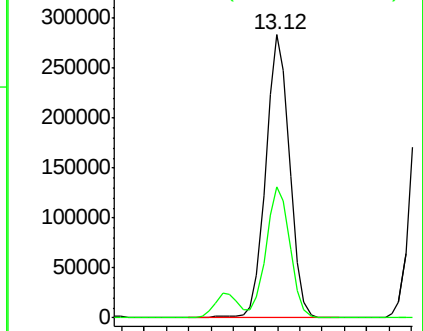
105 100

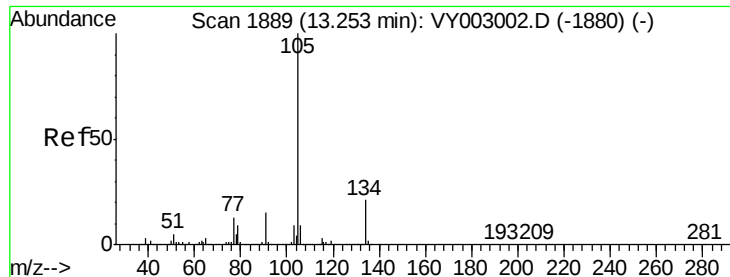
120 46.1 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 21.212 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY003031.D

Acq: 30 Jun 2020 12:55

Instrument :

MSVOA_Y

ClientSampleId :

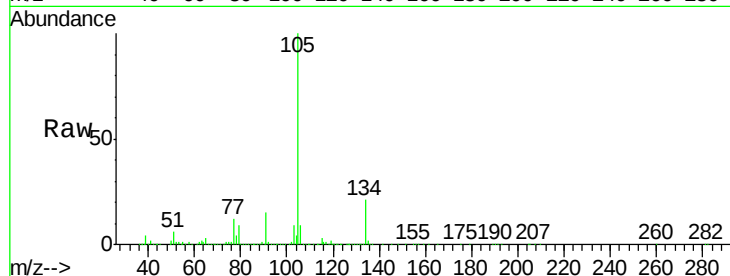
VY0630SBS01

Tot Ion:105 Resp: 515348

Ion Ratio Lower Upper

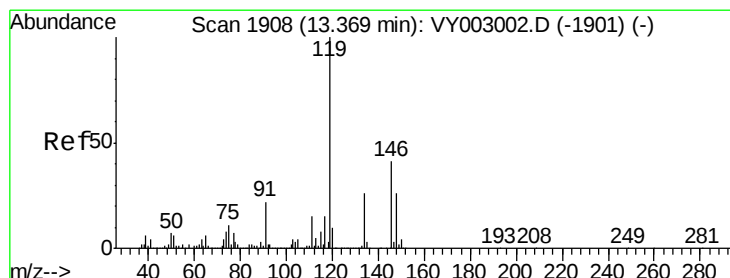
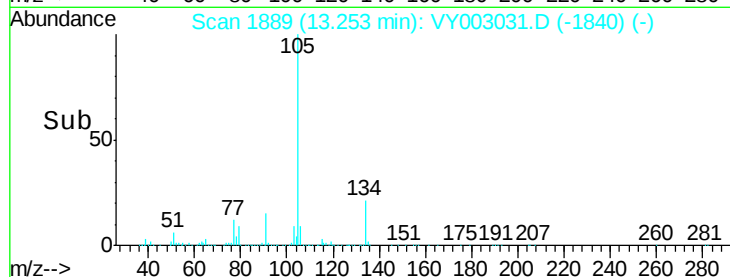
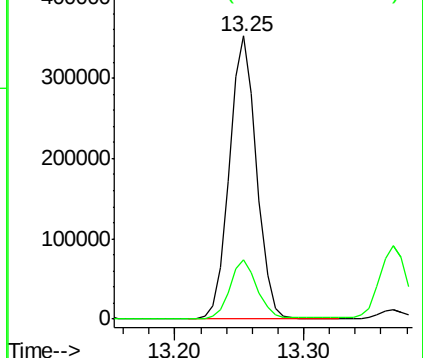
105 100

134 21.3 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.055 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY003031.D

Acq: 30 Jun 2020 12:55

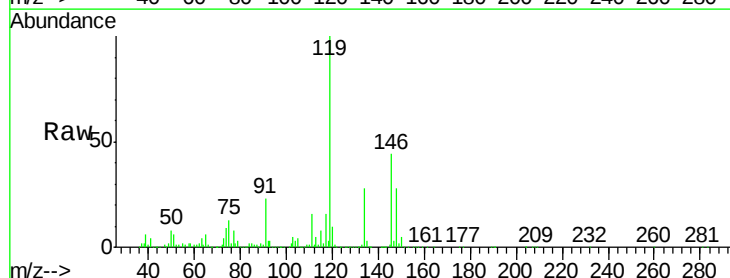
Tgt Ion:119 Resp: 473998

Ion Ratio Lower Upper

119 100

134 27.9 13.5 40.4

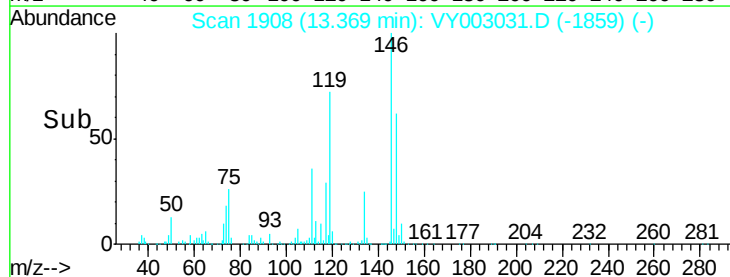
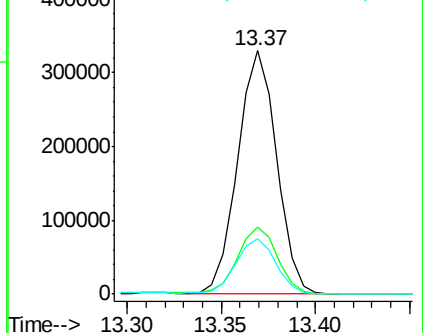
91 23.1 11.5 34.5

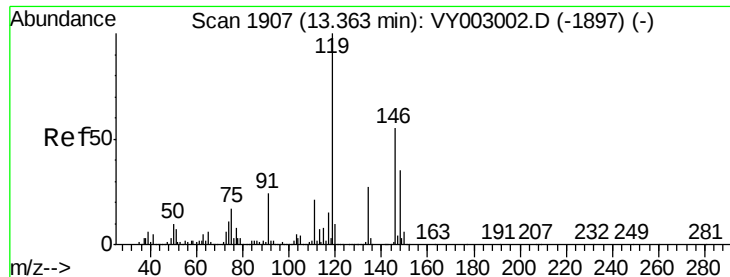


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

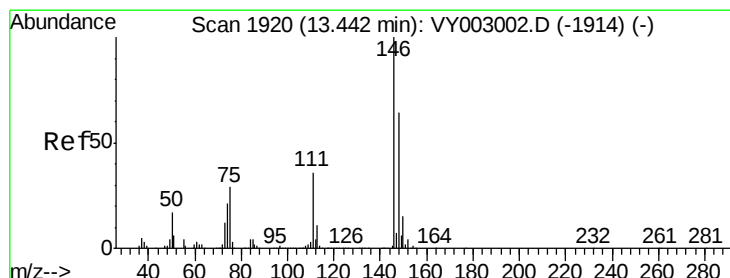
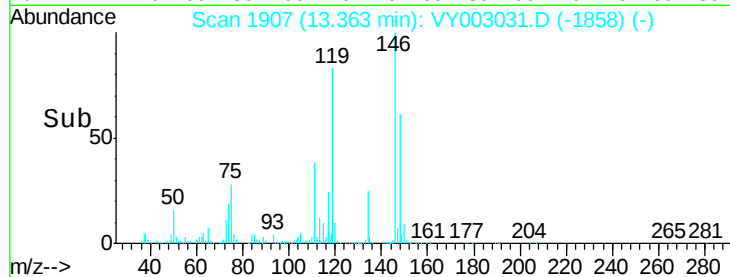
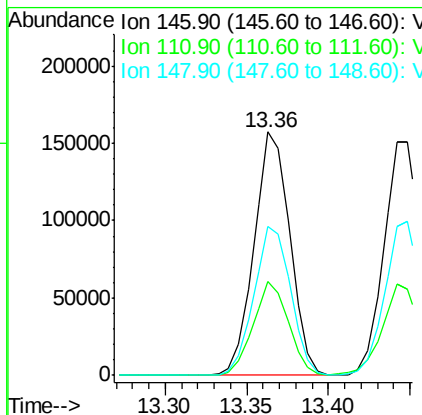
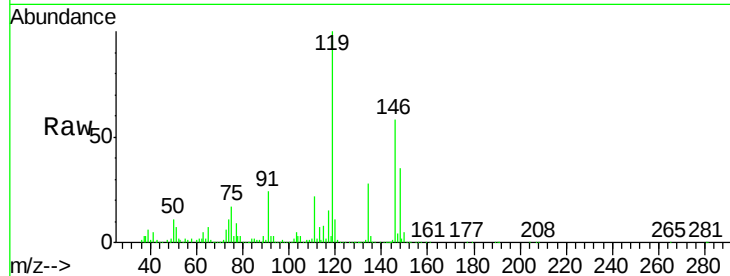




#87
 1,3-Dichlorobenzene
 Concen: 21.025 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY003031.D
 Acq: 30 Jun 2020 12:55

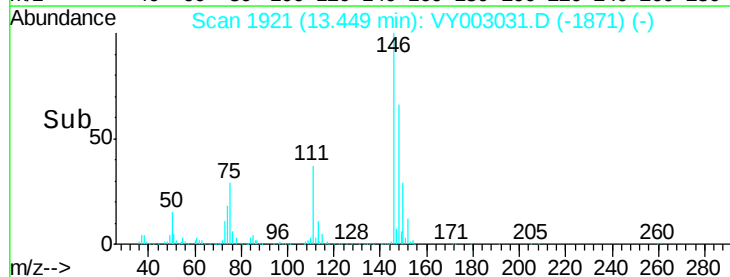
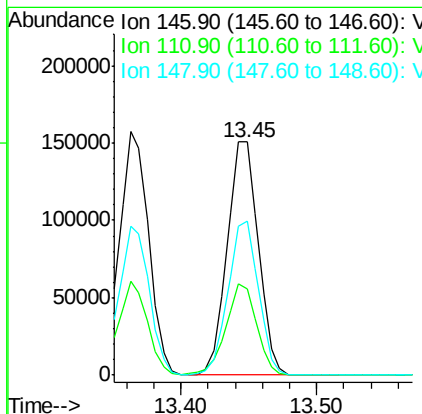
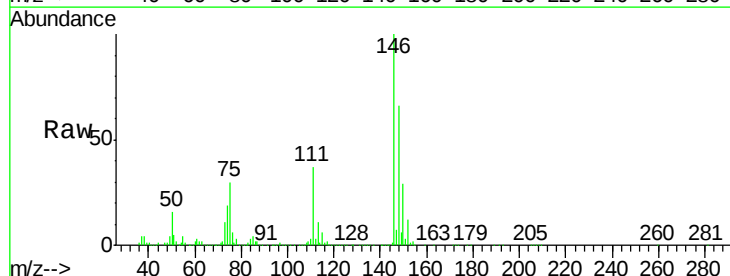
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0630SBS01

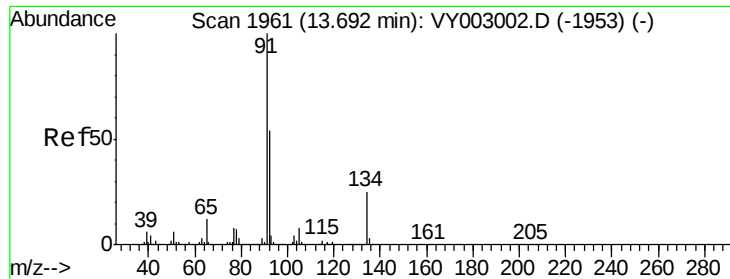
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.8	56.3
148	62.4	31.8	95.3



#88
 1,4-Dichlorobenzene
 Concen: 21.242 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. 0.01 min
 Lab File: VY003031.D
 Acq: 30 Jun 2020 12:55

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.4	18.4	55.4
148	64.4	32.3	96.9





#89

n-Butylbenzene

Concen: 21.241 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. 0.01 min

Lab File: VY003031.D

Acq: 30 Jun 2020 12:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0630SBS01

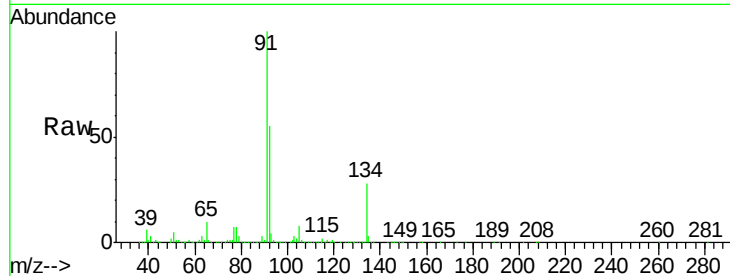
Tot Ion: 91 Resp: 457510

Ion Ratio Lower Upper

91 100

92 53.9 26.8 80.3

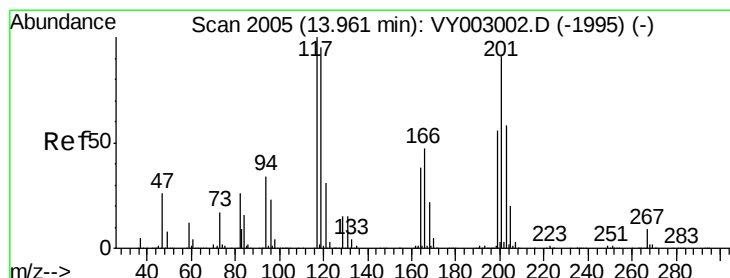
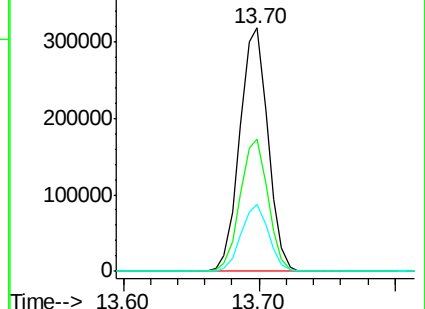
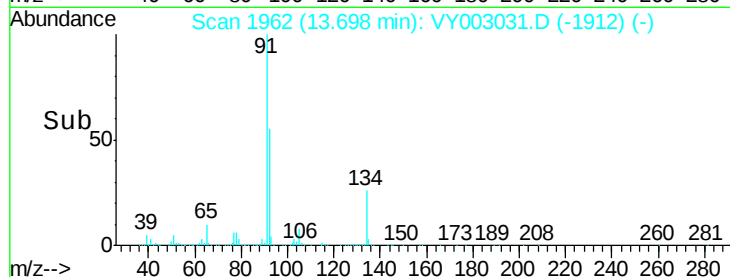
134 27.0 13.1 39.1



Abundance Ion 91.00 (90.70 to 91.70): VY003002.D (-1953) (-)

Ion 92.00 (91.70 to 92.70): VY003002.D (-1953) (-)

Ion 134.00 (133.70 to 134.70): VY003002.D (-1953) (-)



#90

Hexachloroethane

Concen: 20.839 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. -0.00 min

Lab File: VY003031.D

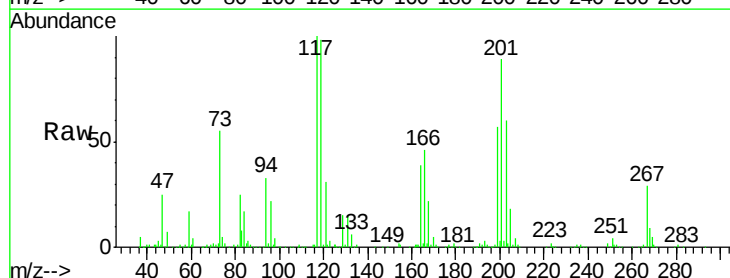
Acq: 30 Jun 2020 12:55

Tgt Ion: 117 Resp: 93157

Ion Ratio Lower Upper

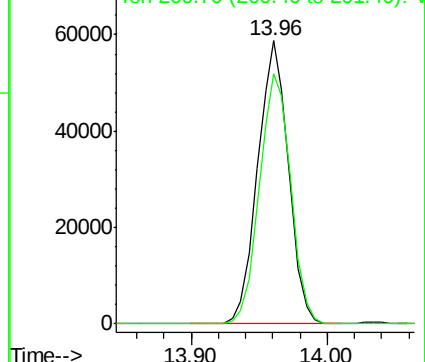
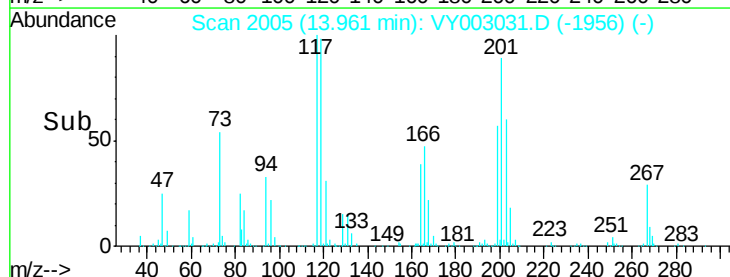
117 100

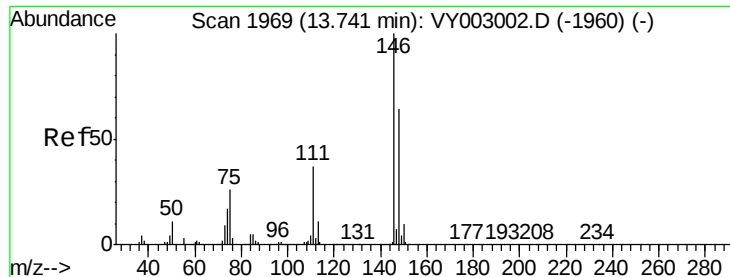
201 89.4 45.5 136.4



Abundance Ion 116.80 (116.50 to 117.50): VY003002.D (-1995) (-)

Ion 200.70 (200.40 to 201.40): VY003002.D (-1995) (-)





#91

1,2-Dichlorobenzene

Concen: 21.235 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. -0.00 min

Lab File: VY003031.D

Acq: 30 Jun 2020 12:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0630SBS01

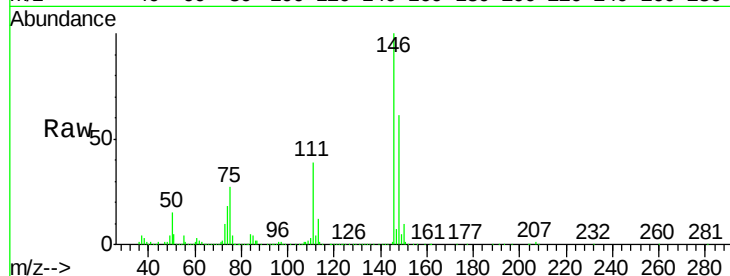
Tot Ion:146 Resp: 218162

Ion Ratio Lower Upper

146 100

111 39.7 19.1 57.5

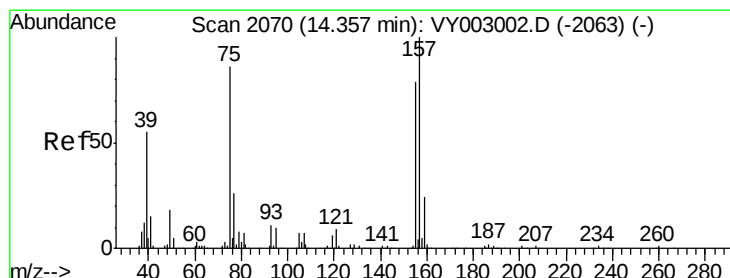
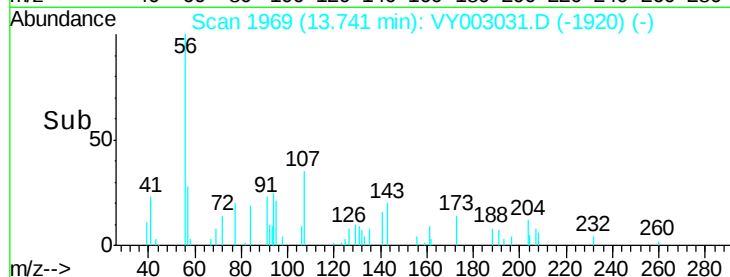
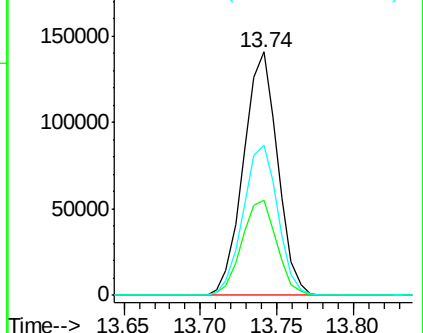
148 62.6 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 22.979 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. 0.00 min

Lab File: VY003031.D

Acq: 30 Jun 2020 12:55

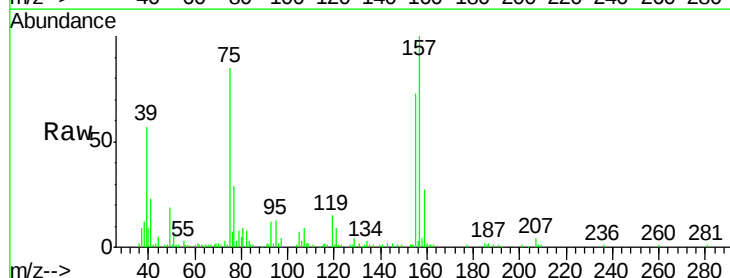
Tgt Ion: 75 Resp: 19637

Ion Ratio Lower Upper

75 100

155 88.4 46.5 139.3

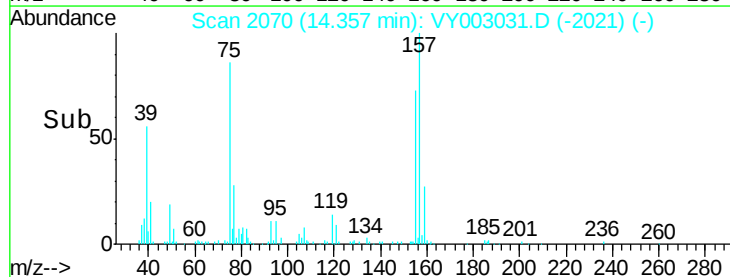
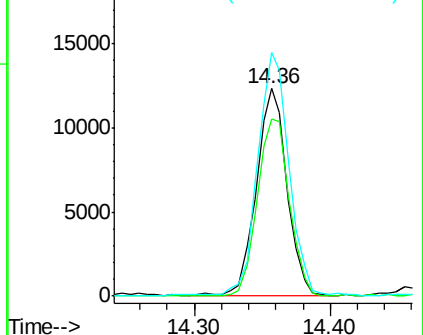
157 119.8 59.2 177.5

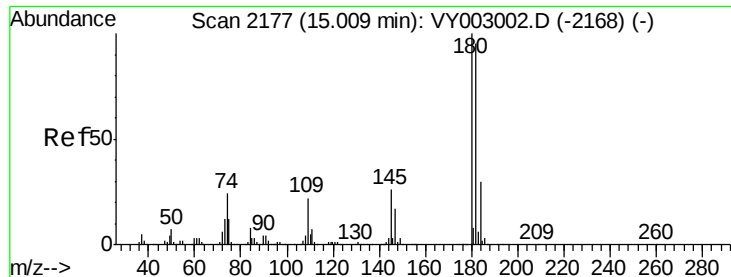


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

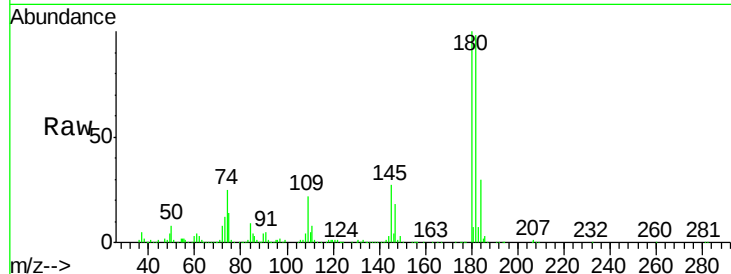




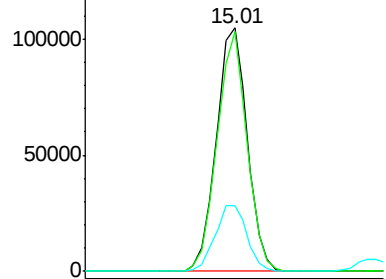
#93
 1,2,4-Trichlorobenzene
 Concen: 21.837 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VY003031.D
 Acq: 30 Jun 2020 12:55

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0630SBS01

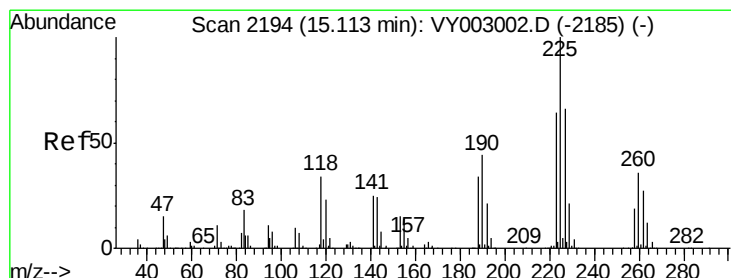
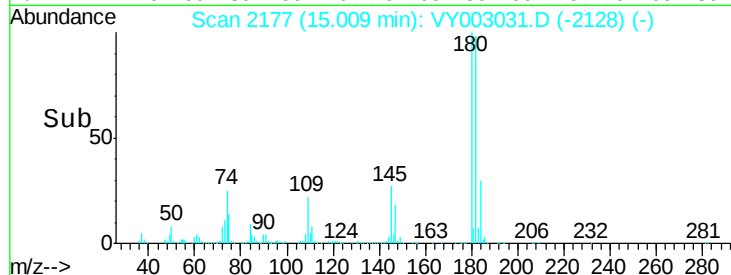
Tot Ion:180 Resp: 166709
 Ion Ratio Lower Upper
 180 100
 182 94.8 48.1 144.3
 145 28.0 13.9 41.6



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

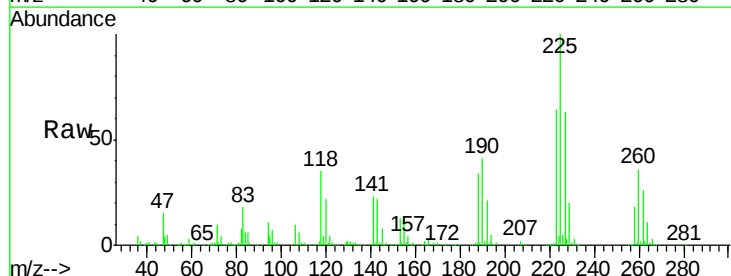


Time--> 14.90 15.00 15.10

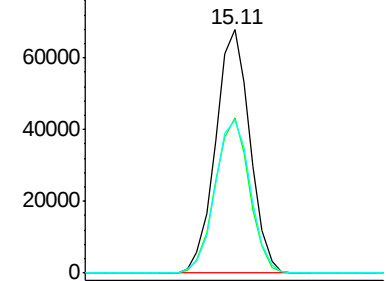


#94
 Hexachlorobutadiene
 Concen: 21.920 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY003031.D
 Acq: 30 Jun 2020 12:55

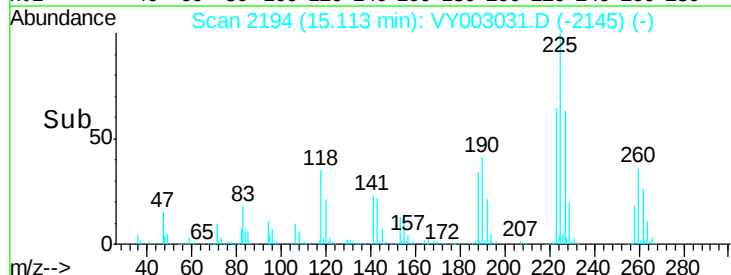
Tgt Ion:225 Resp: 105552
 Ion Ratio Lower Upper
 225 100
 223 63.7 32.4 97.0
 227 64.8 32.4 97.2

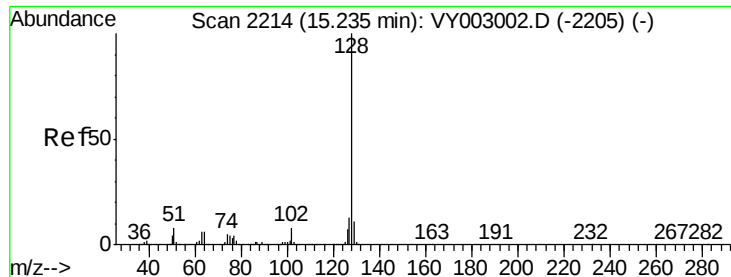


Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V



Time--> 15.05 15.10 15.15





#95

Naphthalene

Concen: 22.439 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. -0.00 min

Lab File: VY003031.D

Acq: 30 Jun 2020 12:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0630SBS01

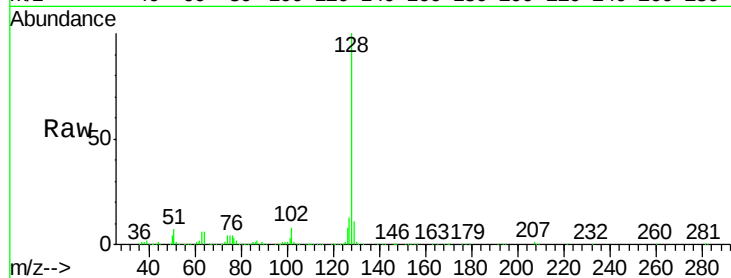
Tot Ion:128 Resp: 312893

Ion Ratio Lower Upper

128 100

127 13.5 10.8 16.2

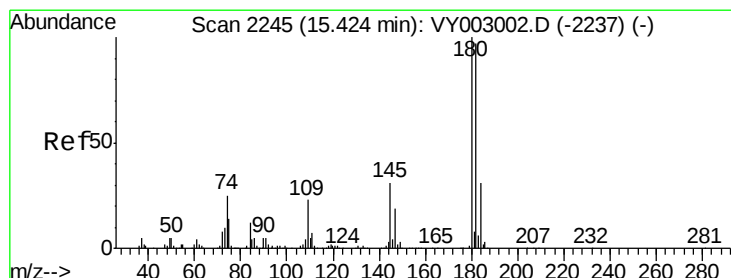
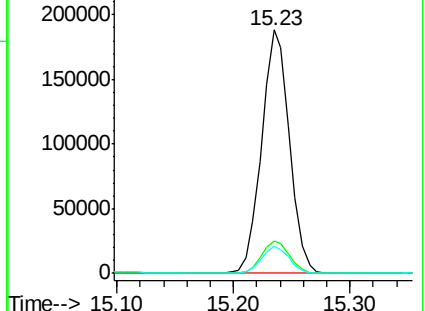
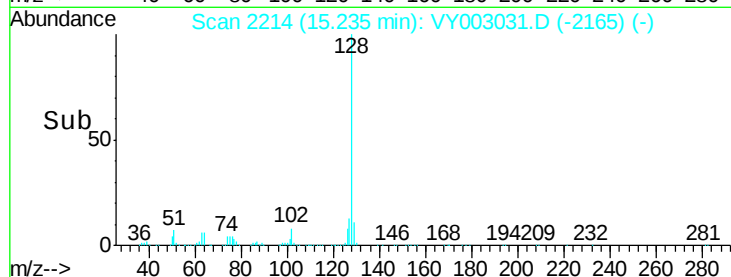
129 11.1 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 21.498 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VY003031.D

Acq: 30 Jun 2020 12:55

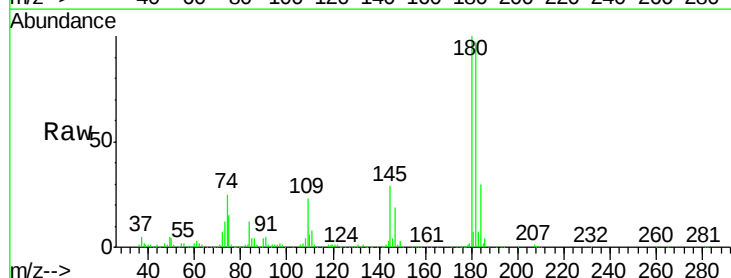
Tgt Ion:180 Resp: 142511

Ion Ratio Lower Upper

180 100

182 97.2 47.8 143.3

145 30.1 14.7 44.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

