

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110420\
 Data File : VY003506.D
 Acq On : 04 Nov 2020 12:02
 Operator : SY/MD
 Sample : VY1104SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1104SBS01

Quant Time: Nov 05 00:24:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y110220S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 02 12:40:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	233218	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	332244	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	298974	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	161744	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	110151	46.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.14%	
35) Dibromofluoromethane	7.72	113	95586	47.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.56%	
50) Toluene-d8	10.18	98	388729	46.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.44%	
62) 4-Bromofluorobenzene	12.48	95	130153	46.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	40050	21.704	ug/l	99
3) Chloromethane	2.12	50	51876	21.355	ug/l	99
4) Vinyl Chloride	2.26	62	57535	21.100	ug/l	100
5) Bromomethane	2.65	94	44157	19.382	ug/l	98
6) Chloroethane	2.80	64	34280	21.092	ug/l	99
7) Trichlorofluoromethane	3.13	101	73013	21.095	ug/l	98
8) Diethyl Ether	3.54	74	23597	22.232	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.91	101	41891	21.898	ug/l	98
10) Methyl Iodide	4.10	142	37687	22.031	ug/l	96
11) Tert butyl alcohol	4.97	59	26676	99.679	ug/l	96
12) 1,1-Dichloroethene	3.88	96	39717	20.867	ug/l	98
13) Acrolein	3.74	56	19125	96.386	ug/l	99
14) Allyl chloride	4.49	41	73869	21.273	ug/l	99
15) Acrylonitrile	5.18	53	55922	98.704	ug/l	99
16) Acetone	3.96	43	67855	86.031	ug/l	97
17) Carbon Disulfide	4.21	76	128330	20.812	ug/l	98
18) Methyl Acetate	4.49	43	29928	20.079	ug/l	98
19) Methyl tert-butyl Ether	5.23	73	101109	21.448	ug/l	100
20) Methylene Chloride	4.72	84	48513	21.841	ug/l	97
21) trans-1,2-Dichloroethene	5.23	96	46863	21.264	ug/l	94
22) Diisopropyl ether	6.13	45	137780	22.622	ug/l	95
23) Vinyl Acetate	6.07	43	485880	106.160	ug/l	99
24) 1,1-Dichloroethane	6.03	63	84864	21.927	ug/l	99
25) 2-Butanone	7.00	43	91544	92.800	ug/l	98
26) 2,2-Dichloropropane	6.99	77	76251	21.147	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	50974	21.345	ug/l	97
28) Bromochloromethane	7.34	49	39077	20.070	ug/l	97
29) Tetrahydrofuran	7.36	42	49967	96.937	ug/l	99
30) Chloroform	7.52	83	83421	21.945	ug/l	99
31) Cyclohexane	7.79	56	75526	21.075	ug/l	93
32) 1,1,1-Trichloroethane	7.71	97	76984	21.708	ug/l	99
36) 1,1-Dichloropropene	7.93	75	66591	21.258	ug/l	100
37) Ethyl Acetate	7.08	43	38492	19.788	ug/l	99
38) Carbon Tetrachloride	7.91	117	69315	21.329	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	72090	20.668	ug/l	96
40) Benzene	8.17	78	187930	21.558	ug/l	100
41) Methacrylonitrile	7.35	41	49537	47.690	ug/l #	100
42) 1,2-Dichloroethane	8.24	62	59023	21.608	ug/l	100
43) Isopropyl Acetate	8.28	43	71995	20.595	ug/l	99
44) Trichloroethene	8.94	130	52472	21.441	ug/l	97
45) 1,2-Dichloropropane	9.22	63	47903	21.759	ug/l	99
46) Dibromomethane	9.31	93	25463	21.023	ug/l	98
47) Bromodichloromethane	9.50	83	66313	22.369	ug/l	100
48) Methyl methacrylate	9.30	41	33013	20.047	ug/l	98
49) 1,4-Dioxane	9.30	88	5952	393.847	ug/l	92
51) 4-Methyl-2-Pentanone	10.07	43	189150	101.553	ug/l	99
52) Toluene	10.25	92	117739	21.594	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	68021	21.561	ug/l	96
54) cis-1,3-Dichloropropene	9.93	75	76905	21.663	ug/l	98
55) 1,1,2-Trichloroethane	10.65	97	36565	21.267	ug/l	97
56) Ethyl methacrylate	10.51	69	47858	20.781	ug/l	97
57) 1,3-Dichloropropane	10.79	76	64342	21.522	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	120096	102.871	ug/l	99
59) 2-Hexanone	10.83	43	133512	96.814	ug/l	99
60) Dibromochloromethane	10.99	129	45570	21.565	ug/l	99
61) 1,2-Dibromoethane	11.09	107	34342	20.690	ug/l	100
64) Tetrachloroethene	10.72	164	49716	22.266	ug/l	93
65) Chlorobenzene	11.52	112	127519	21.954	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	48471	22.128	ug/l	99
67) Ethyl Benzene	11.60	91	229229	21.765	ug/l	98
68) m/p-Xylenes	11.70	106	174884	43.817	ug/l	99
69) o-Xylene	12.03	106	80382	21.894	ug/l	100
70) Styrene	12.05	104	138290	22.184	ug/l	100
71) Bromoform	12.20	173	30406	20.825	ug/l #	99
73) Isopropylbenzene	12.33	105	222026	21.014	ug/l	100
74) N-amyl acetate	12.14	43	60264	20.136	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	45658	20.231	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	59535	34.788	ug/l #	100
77) Bromobenzene	12.61	156	56830	21.170	ug/l	98
78) n-propylbenzene	12.67	91	260798	20.956	ug/l	99
79) 2-Chlorotoluene	12.75	91	147266	21.180	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	187961	21.471	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	15720	19.172	ug/l	99
82) 4-Chlorotoluene	12.85	91	154290	21.234	ug/l	99
83) tert-Butylbenzene	13.08	119	167841	21.618	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	190011	21.718	ug/l	100
85) sec-Butylbenzene	13.25	105	225635	21.463	ug/l	99
86) p-Isopropyltoluene	13.37	119	208704	21.406	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	108414	21.679	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	108452	21.810	ug/l	99
89) n-Butylbenzene	13.69	91	190361	21.377	ug/l	100
90) Hexachloroethane	13.96	117	34761	21.185	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	95816	21.568	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	7893	19.320	ug/l	97

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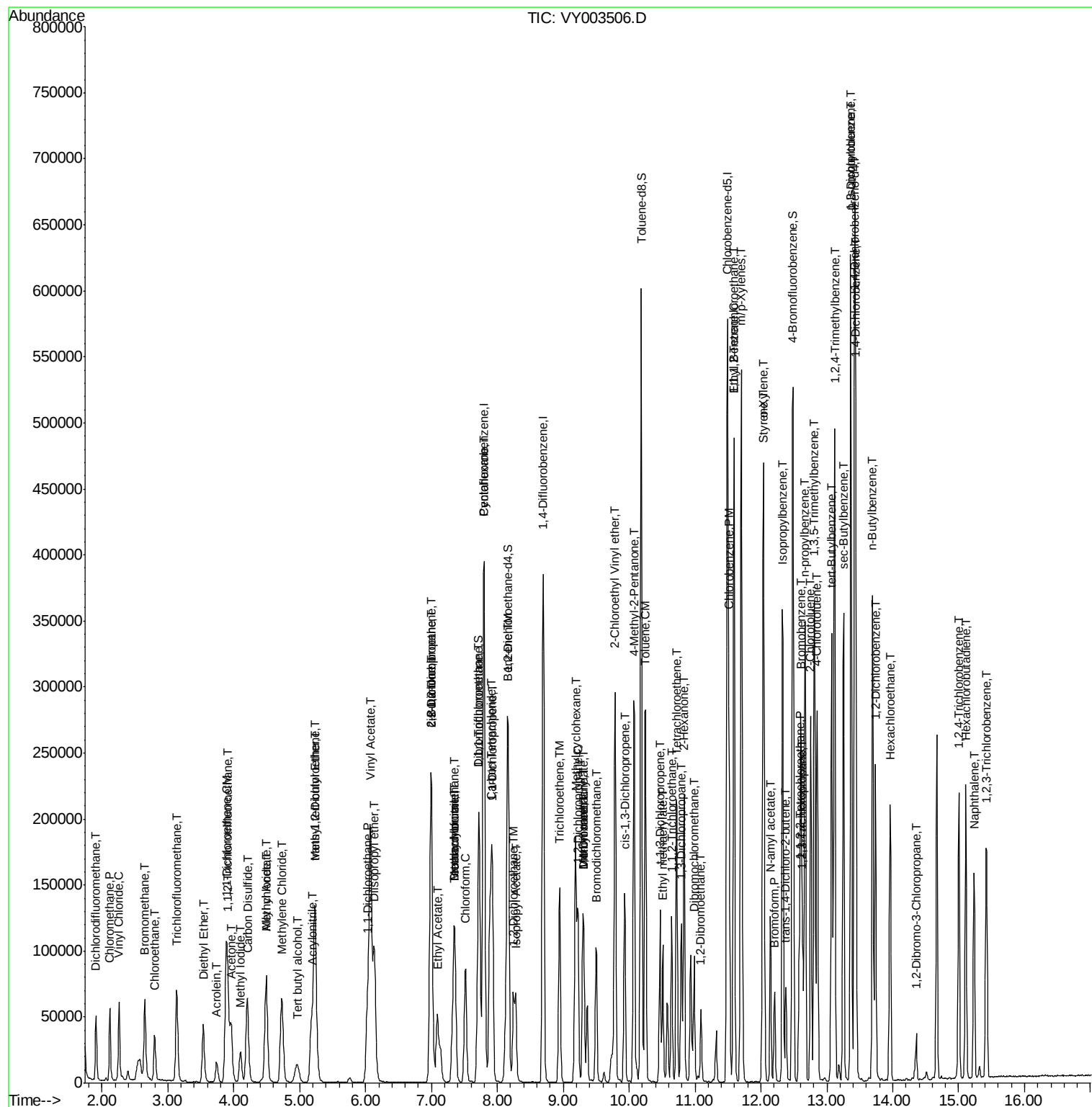
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	69020	21.965	ug/l	100
94) Hexachlorobutadiene	15.11	225	44469	21.999	ug/l	99
95) Naphthalene	15.23	128	124526	19.790	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	61440	21.736	ug/l	99

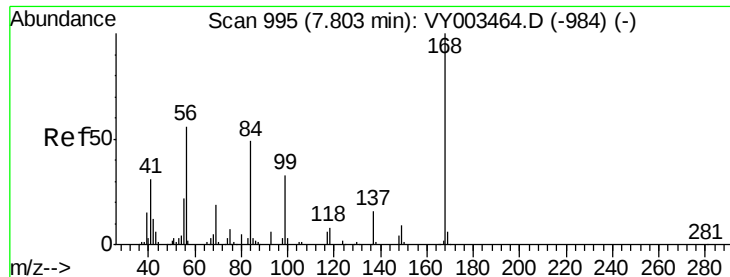
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY003506.D

Acq: 04 Nov 2020 12:02

Instrument :

MSVOA_Y

ClientSampleId :

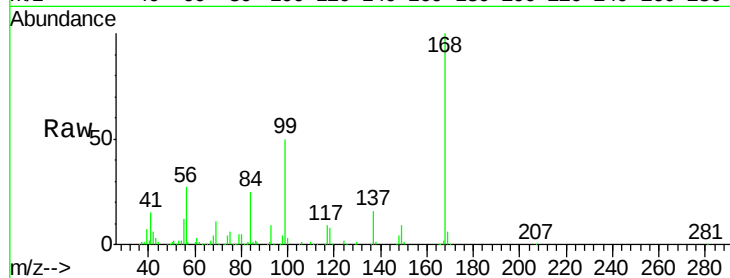
VY1104SBS01

Tot Ion:168 Resp: 233218

Ion Ratio Lower Upper

168 100

99 50.0 39.7 59.5



Abundance Ion 167.90 (167.60 to 168.60): VY003506.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY003506.D (-946) (-)

7.80

100000

80000

60000

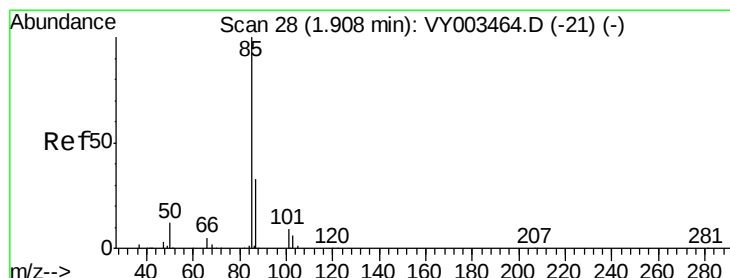
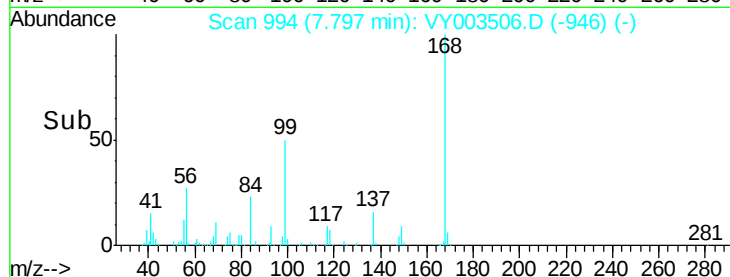
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 21.704 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.00 min

Lab File: VY003506.D

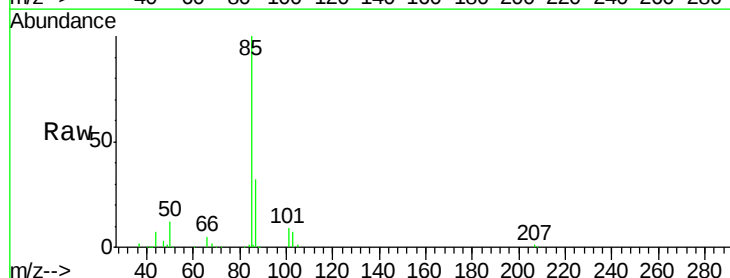
Acq: 04 Nov 2020 12:02

Tgt Ion: 85 Resp: 40050

Ion Ratio Lower Upper

85 100

87 32.4 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VY003506.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY003506.D (-1) (-)

1.91

30000

25000

20000

15000

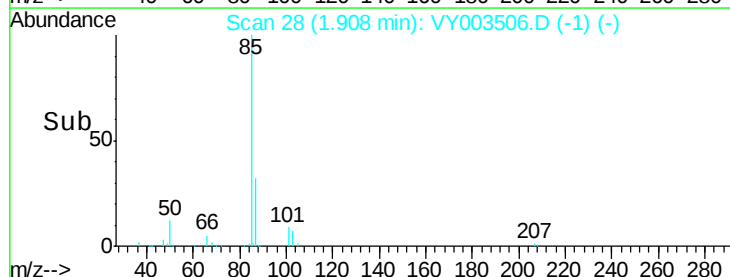
10000

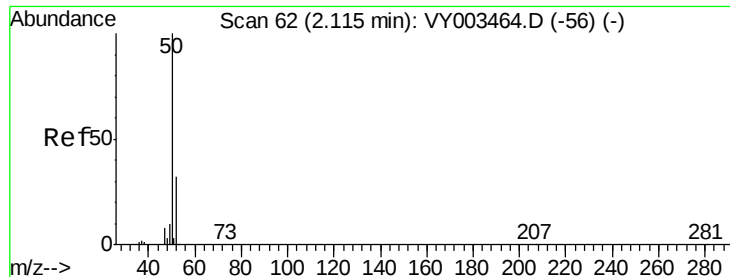
5000

0

1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 21.355 ug/l

RT: 2.12 min Scan# 63

Delta R.T. 0.01 min

Lab File: VY003506.D

Acq: 04 Nov 2020 12:02

Instrument :

MSVOA_Y

ClientSampleId :

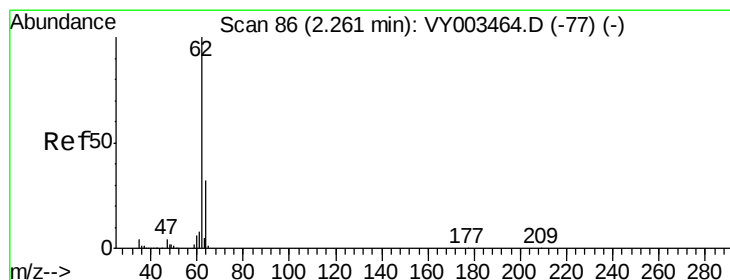
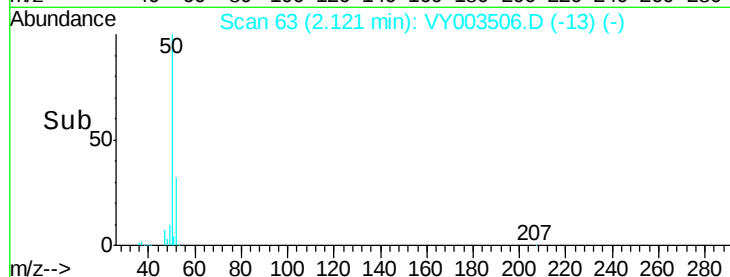
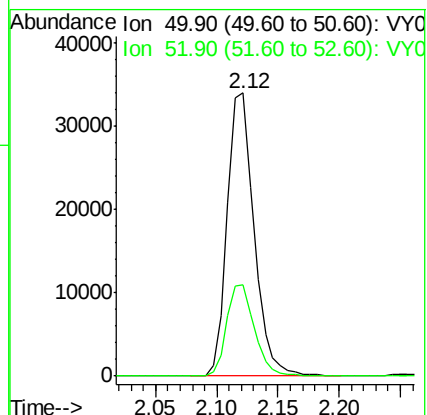
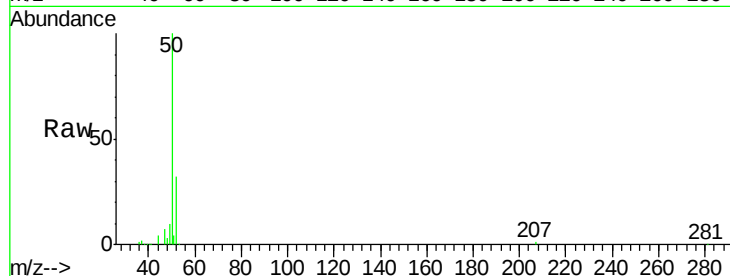
VY1104SBS01

Tot Ion: 50 Resp: 51876

Ion Ratio Lower Upper

50 100

52 32.4 25.6 38.4



#4

Vinyl Chloride

Concen: 21.100 ug/l

RT: 2.26 min Scan# 86

Delta R.T. 0.00 min

Lab File: VY003506.D

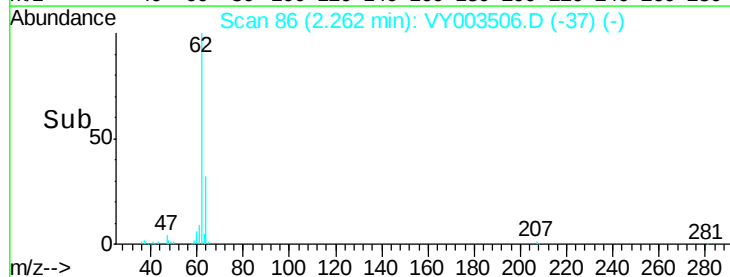
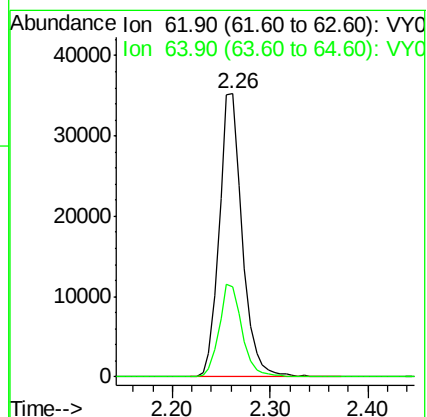
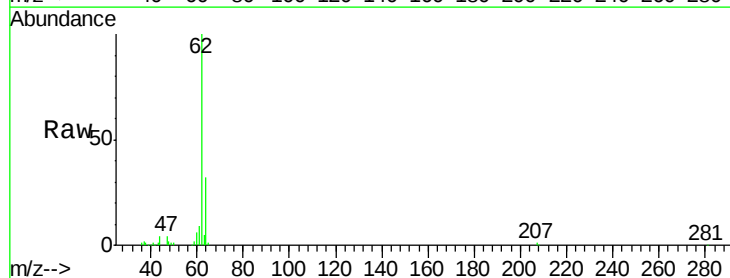
Acq: 04 Nov 2020 12:02

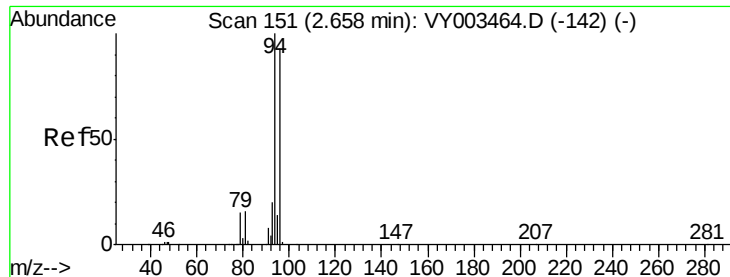
Tgt Ion: 62 Resp: 57535

Ion Ratio Lower Upper

62 100

64 31.8 25.5 38.3





#5

Bromomethane

Concen: 19.382 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.01 min

Lab File: VY003506.D

Acq: 04 Nov 2020 12:02

Instrument :

MSVOA_Y

ClientSampleId :

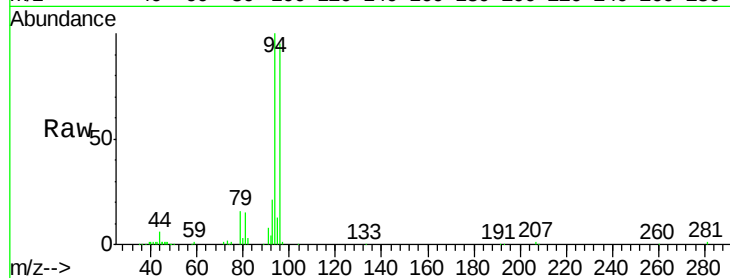
VY1104SBS01

Tot Ion: 94 Resp: 44157

Ion Ratio Lower Upper

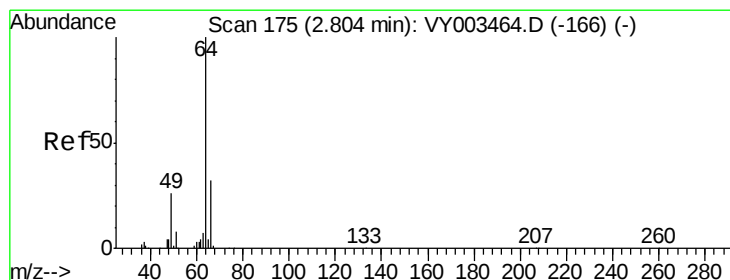
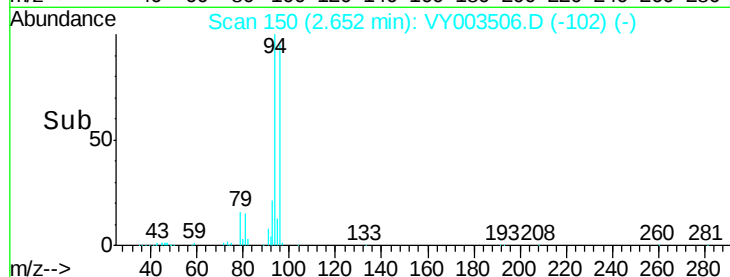
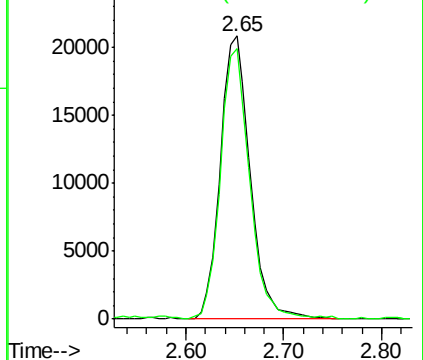
94 100

96 95.1 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 21.092 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.01 min

Lab File: VY003506.D

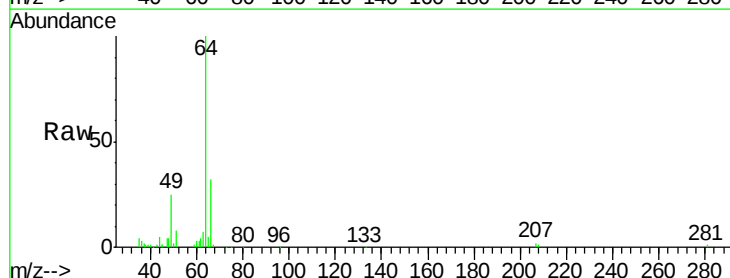
Acq: 04 Nov 2020 12:02

Tgt Ion: 64 Resp: 34280

Ion Ratio Lower Upper

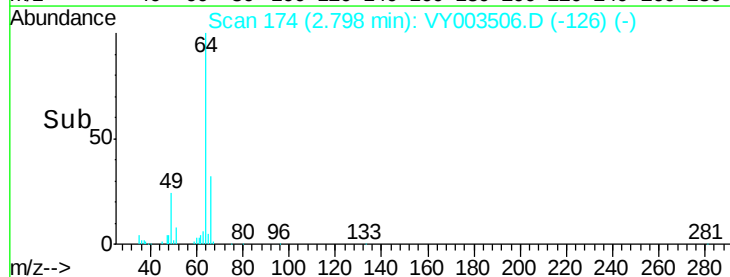
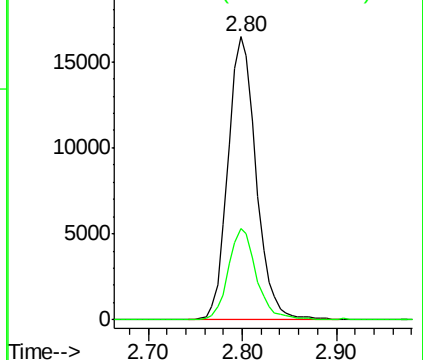
64 100

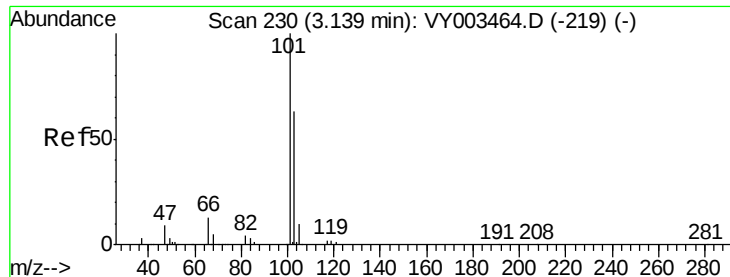
66 32.4 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



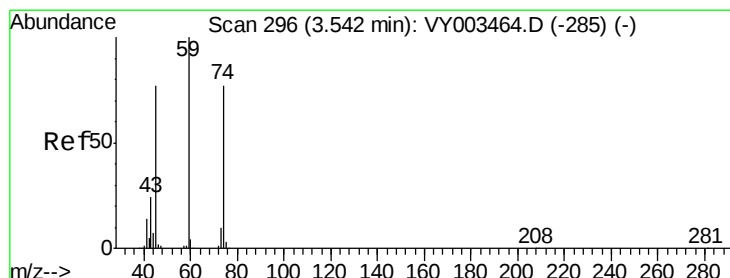
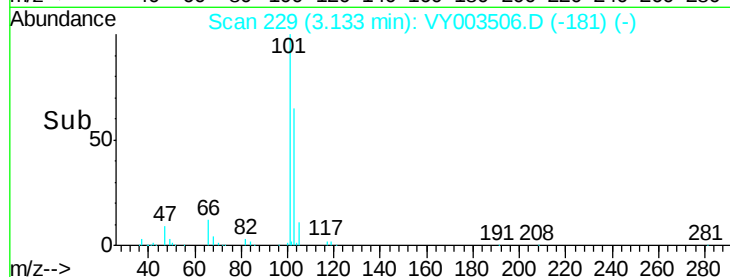
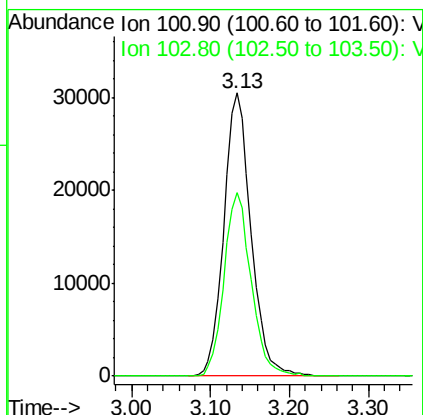
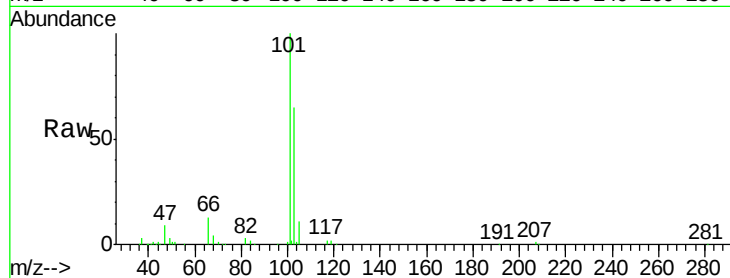


#7

Trichlorofluoromethane
Concen: 21.095 ug/l
RT: 3.13 min Scan# 229
Delta R.T. -0.01 min
Lab File: VY003506.D
Acq: 04 Nov 2020 12:02

Instrument :
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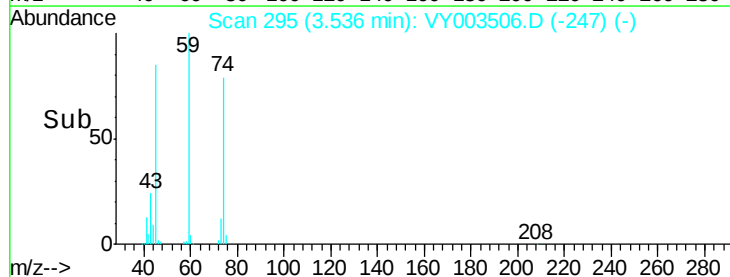
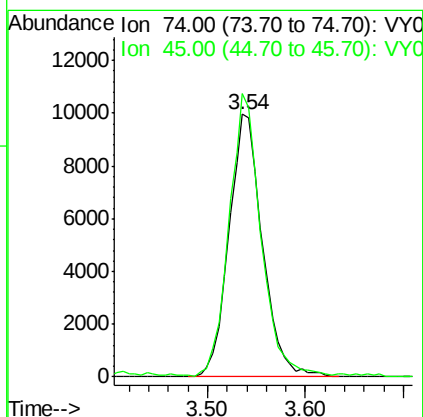
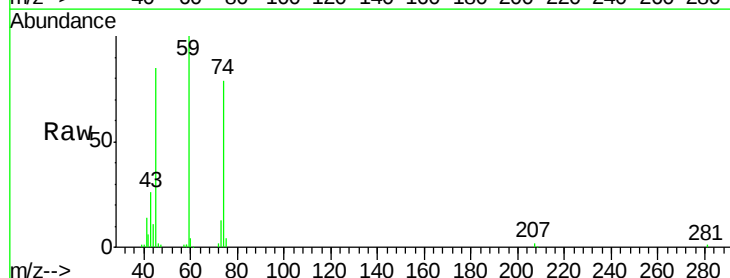
Tot Ion:101 Resp: 73013
Ion Ratio Lower Upper
101 100
103 64.8 50.7 76.1

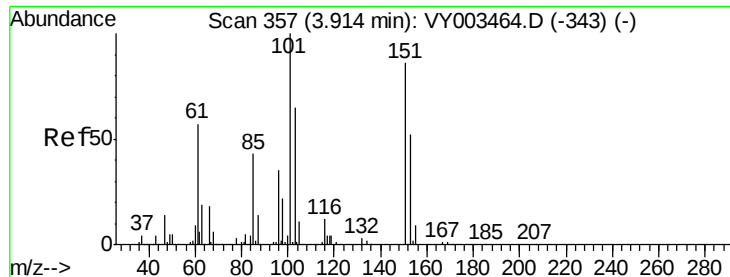


#8

Diethyl Ether
Concen: 22.232 ug/l
RT: 3.54 min Scan# 295
Delta R.T. -0.01 min
Lab File: VY003506.D
Acq: 04 Nov 2020 12:02

Tgt Ion: 74 Resp: 23597
Ion Ratio Lower Upper
74 100
45 104.0 50.7 152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.898 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.01 min

Lab File: VY003506.D

Acq: 04 Nov 2020 12:02

Instrument :

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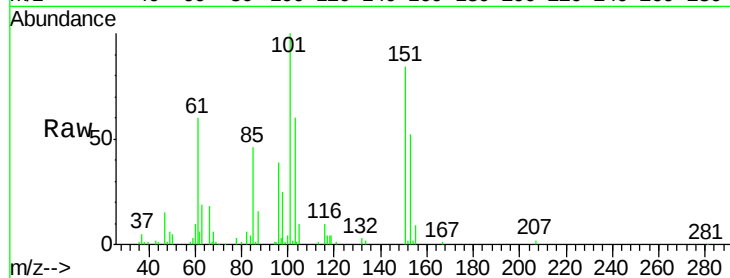
Tot Ion:101 Resp: 41891

Ion Ratio Lower Upper

101 100

85 45.5 35.8 53.8

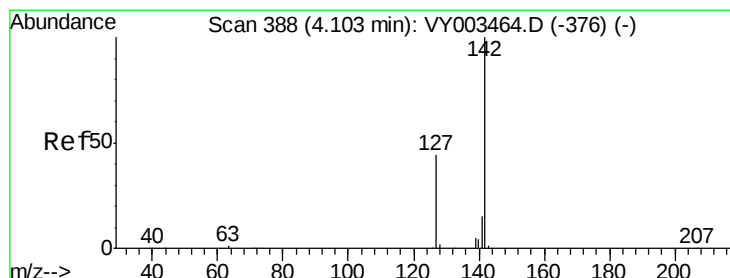
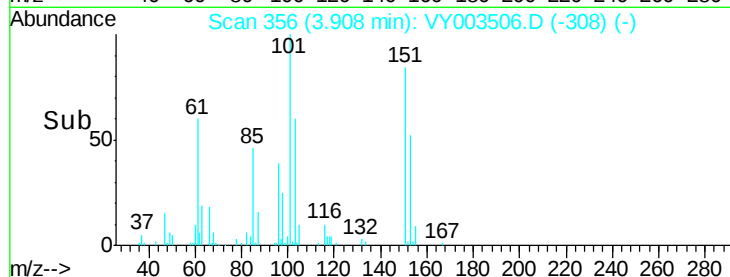
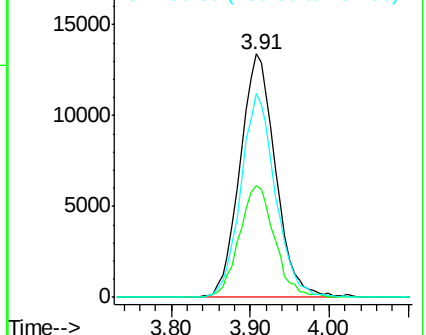
151 81.8 67.6 101.4



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: 22.031 ug/l

RT: 4.10 min Scan# 388

Delta R.T. 0.00 min

Lab File: VY003506.D

Acq: 04 Nov 2020 12:02

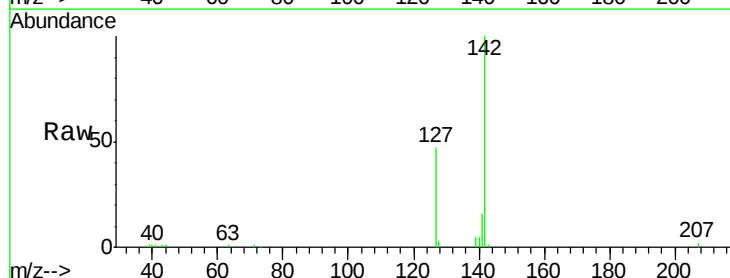
Tgt Ion:142 Resp: 37687

Ion Ratio Lower Upper

142 100

127 46.1 34.5 51.7

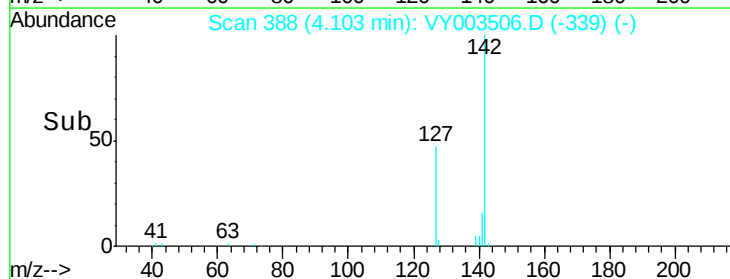
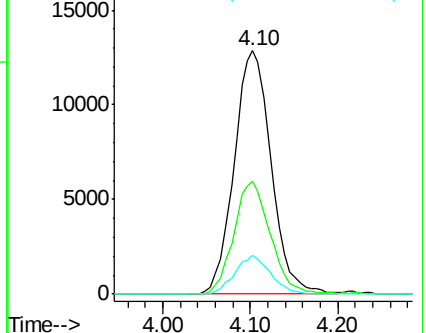
141 15.1 11.8 17.8

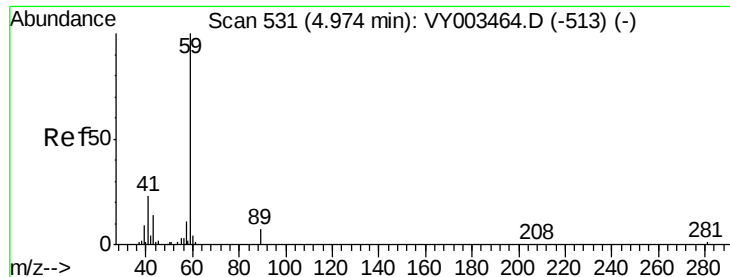


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



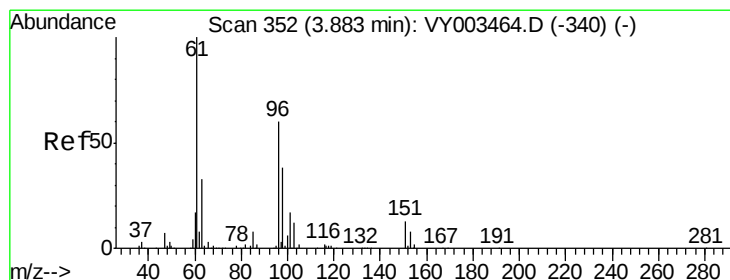
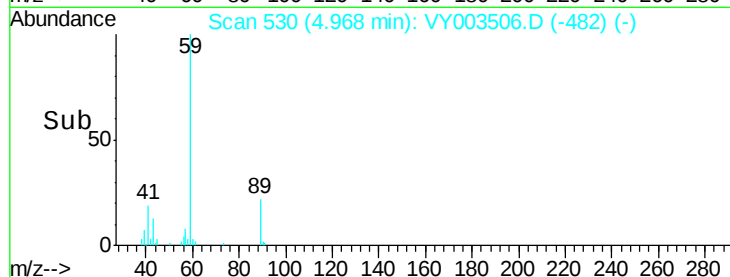
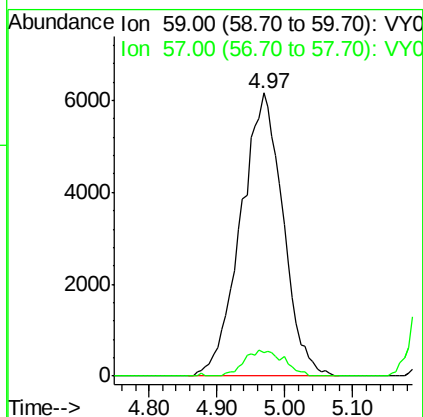
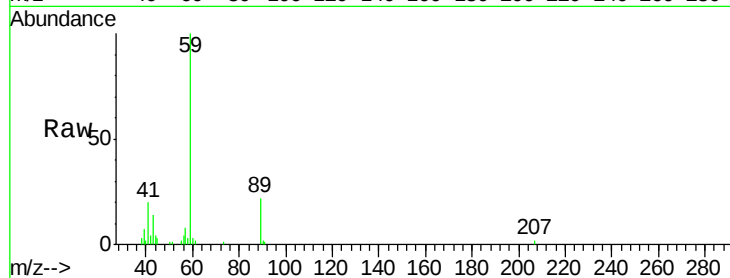


#11

Tert butyl alcohol
 Concen: 99.679 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. -0.01 min
 Lab File: VY003506.D
 Acq: 04 Nov 2020 12:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1104SBS01

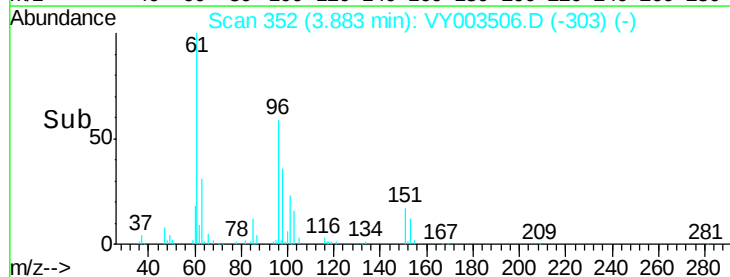
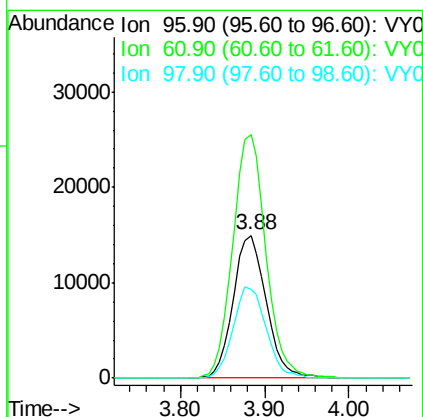
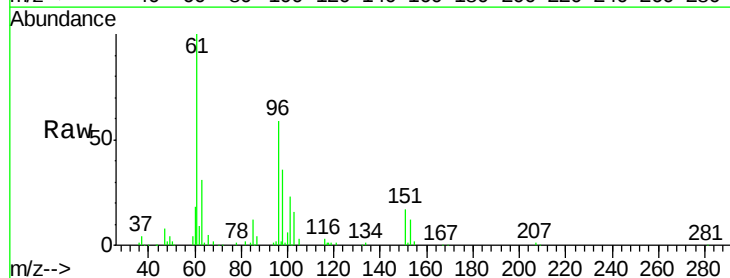
Tot Ion: 59 Resp: 26676
 Ion Ratio Lower Upper
 59 100
 57 8.5 7.9 11.9

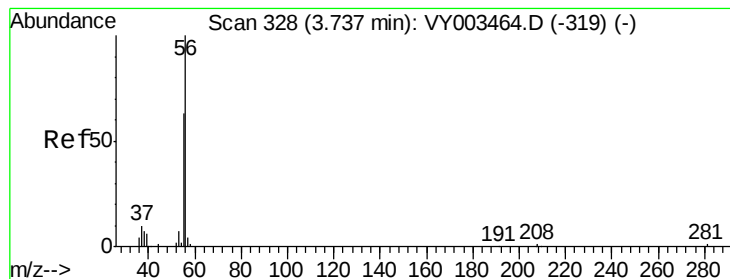


#12

1,1-Dichloroethene
 Concen: 20.867 ug/l
 RT: 3.88 min Scan# 352
 Delta R.T. 0.00 min
 Lab File: VY003506.D
 Acq: 04 Nov 2020 12:02

Tgt Ion: 96 Resp: 39717
 Ion Ratio Lower Upper
 96 100
 61 170.6 133.6 200.4
 98 61.8 50.2 75.2





#13

Acrolein

Concen: 96.386 ug/l

RT: 3.74 min Scan# 329

Delta R.T. 0.01 min

Lab File: VY003506.D

Acq: 04 Nov 2020 12:02

Instrument :

MSVOA_Y

ClientSampleId :

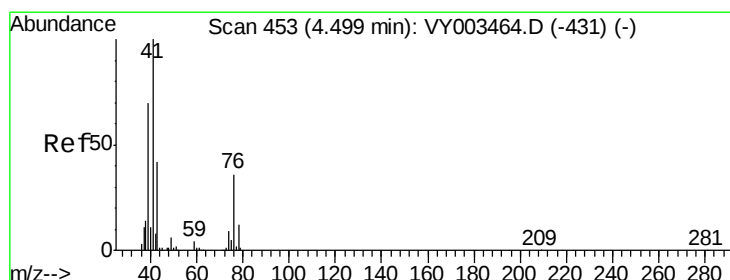
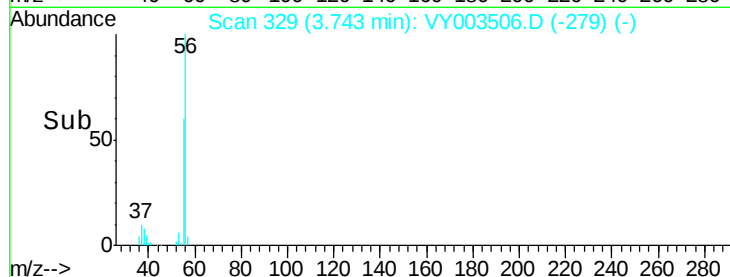
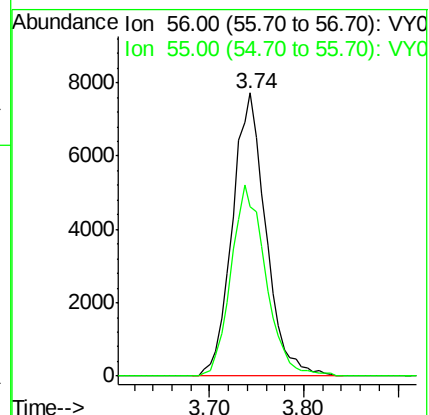
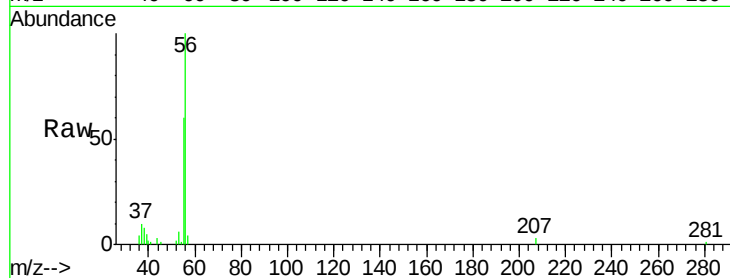
VY1104SBS01

Tot Ion: 56 Resp: 19125

Ion Ratio Lower Upper

56 100

55 69.7 56.6 85.0



#14

Allyl chloride

Concen: 21.273 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.01 min

Lab File: VY003506.D

Acq: 04 Nov 2020 12:02

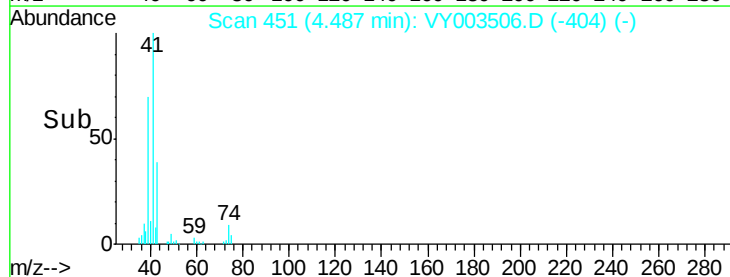
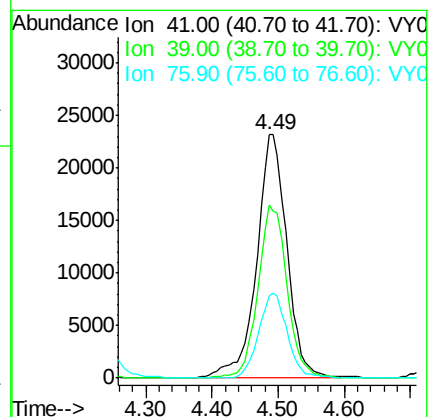
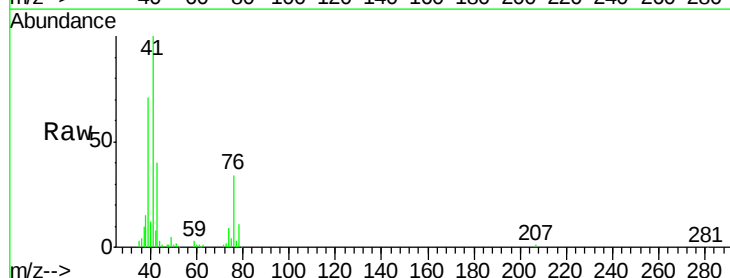
Tgt Ion: 41 Resp: 73869

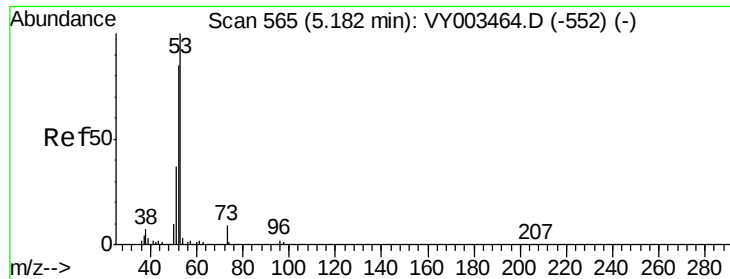
Ion Ratio Lower Upper

41 100

39 68.2 54.4 81.6

76 32.8 27.6 41.4





#15

Acrylonitrile

Concen: 98.704 ug/l

RT: 5.18 min Scan# 565

Delta R.T. 0.00 min

Lab File: VY003506.D

Acq: 04 Nov 2020 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VY1104SBS01

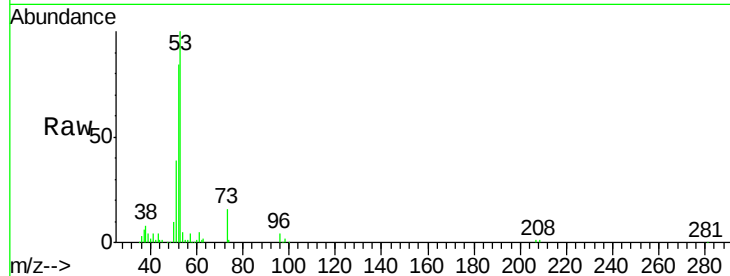
Tot Ion: 53 Resp: 55922

Ion Ratio Lower Upper

53 100

52 82.8 66.9 100.3

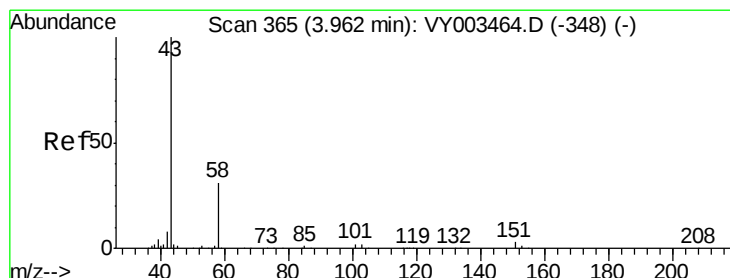
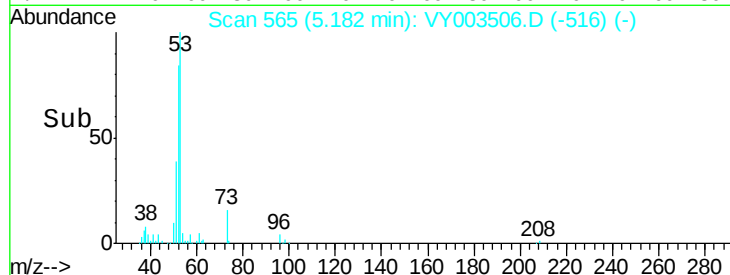
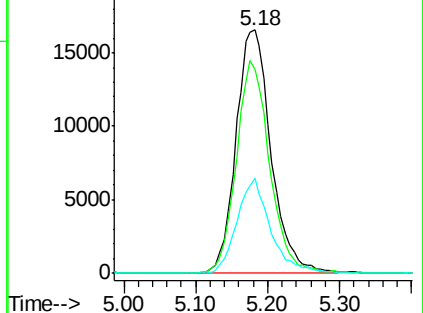
51 37.2 29.3 43.9



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: 86.031 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.00 min

Lab File: VY003506.D

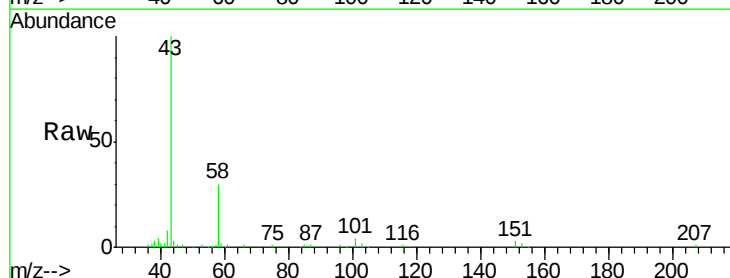
Acq: 04 Nov 2020 12:02

Tgt Ion: 43 Resp: 67855

Ion Ratio Lower Upper

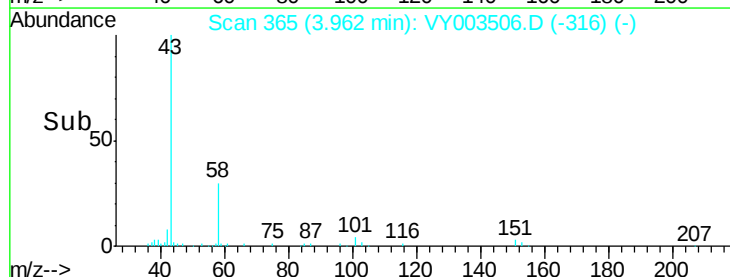
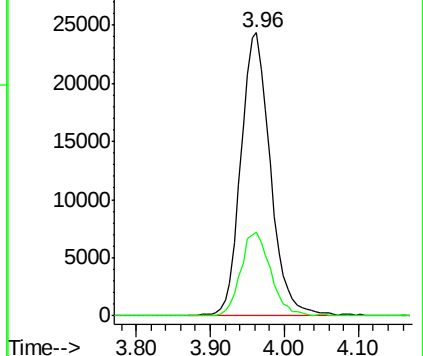
43 100

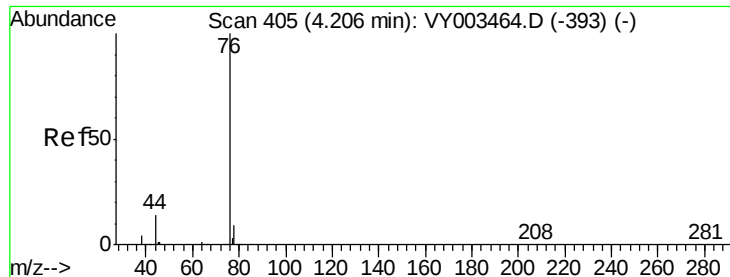
58 29.3 25.0 37.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

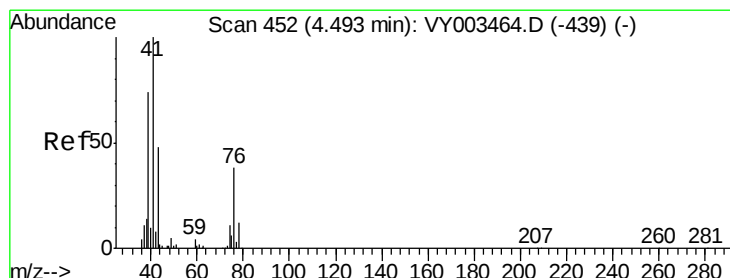
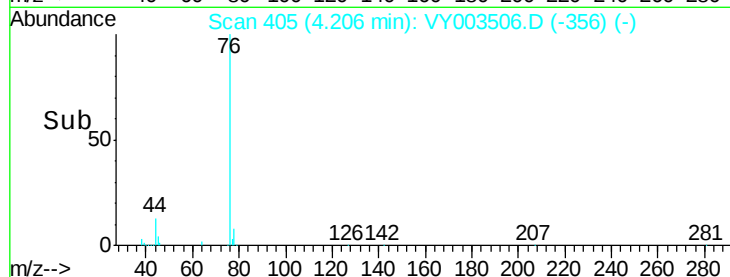
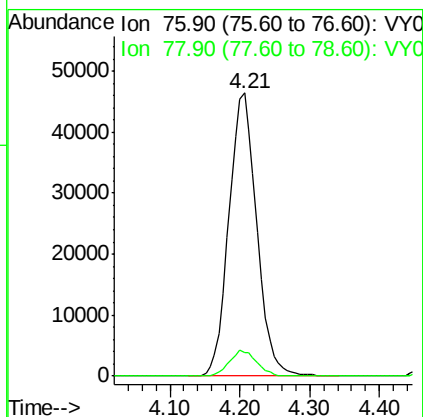
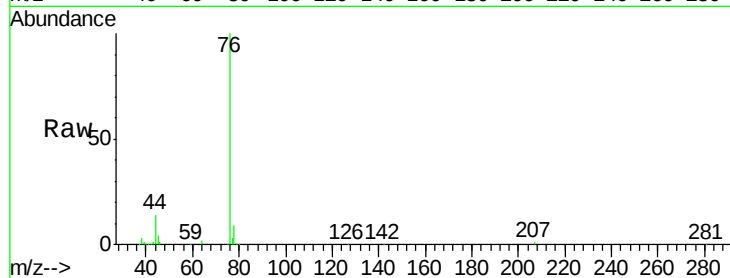




#17
Carbon Disulfide
Concen: 20.812 ug/l
RT: 4.21 min Scan# 405
Delta R.T. 0.00 min
Lab File: VY003506.D
Acq: 04 Nov 2020 12:02

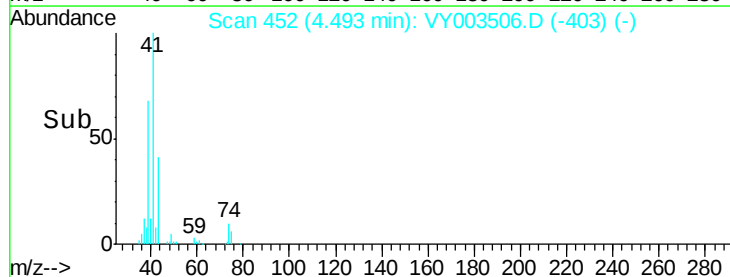
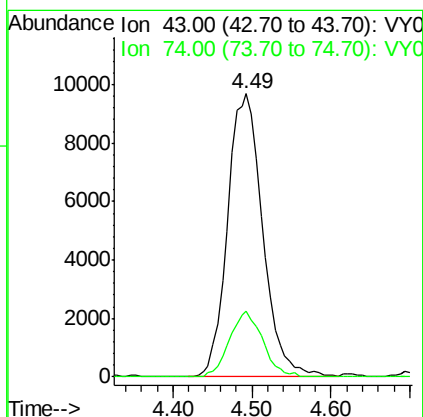
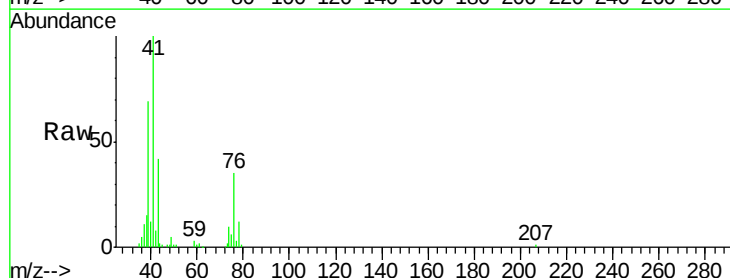
Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS01

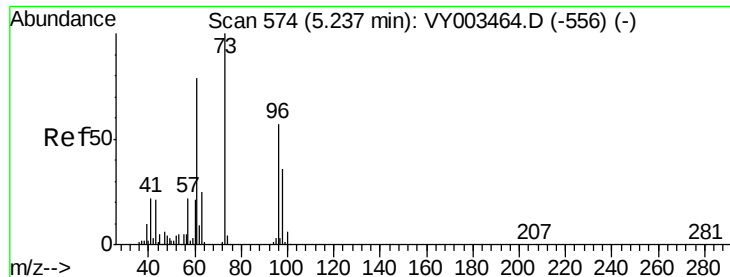
Tot Ion: 76 Resp: 128330
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.2



#18
Methyl Acetate
Concen: 20.079 ug/l
RT: 4.49 min Scan# 452
Delta R.T. 0.00 min
Lab File: VY003506.D
Acq: 04 Nov 2020 12:02

Tgt Ion: 43 Resp: 29928
Ion Ratio Lower Upper
43 100
74 22.0 18.4 27.6

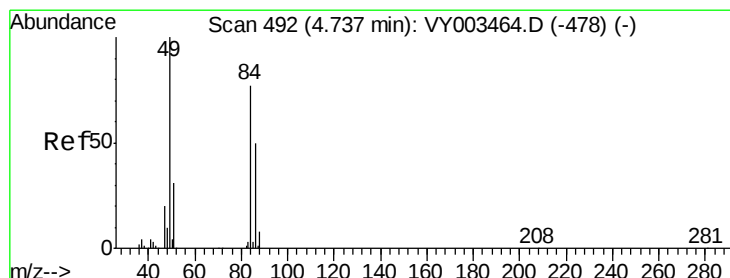
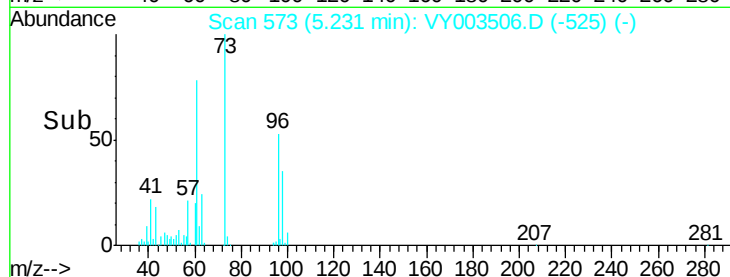
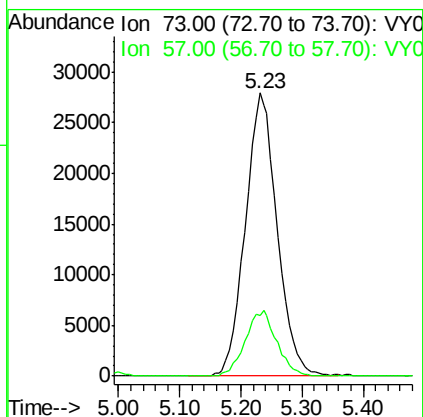
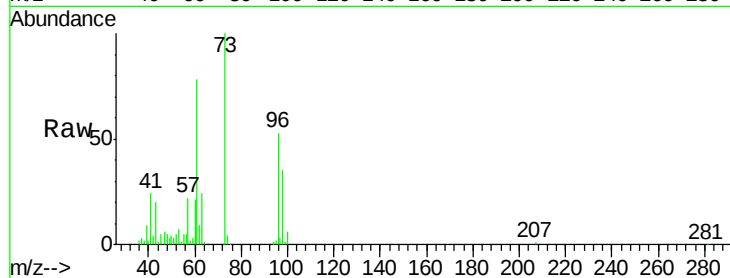




#19
Methvl tert-butvl Ether
Concen: 21.448 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.01 min
Lab File: VY003506.D
Acq: 04 Nov 2020 12:02

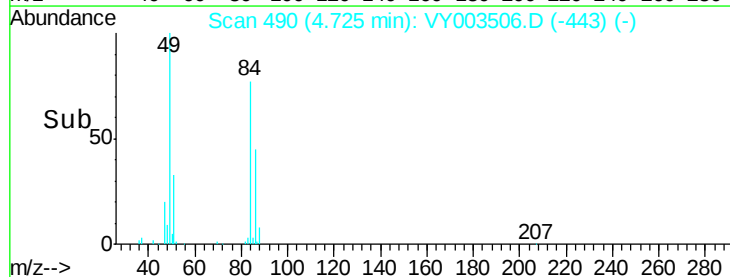
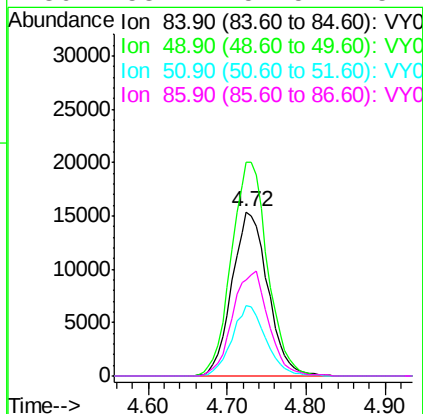
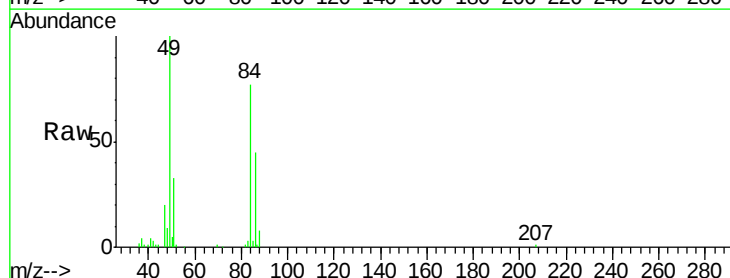
Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS01

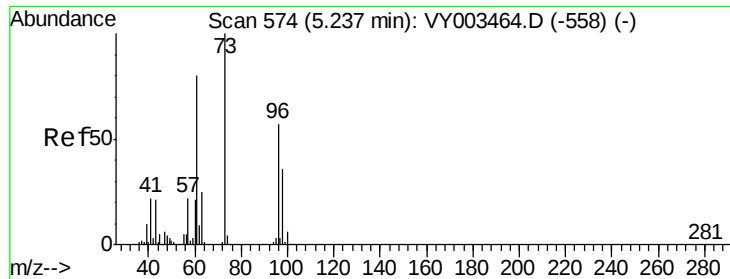
Tot Ion: 73 Resp: 101109
Ion Ratio Lower Upper
73 100
57 21.7 17.2 25.8



#20
Methylene Chloride
Concen: 21.841 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.01 min
Lab File: VY003506.D
Acq: 04 Nov 2020 12:02

Tgt Ion: 84 Resp: 48513
Ion Ratio Lower Upper
84 100
49 130.0 104.3 156.5
51 42.8 32.5 48.7
86 58.2 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 21.264 ug/l

RT: 5.23 min Scan# 573

Delta R.T. -0.01 min

Lab File: VY003506.D

Acq: 04 Nov 2020 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VY1104SBS01

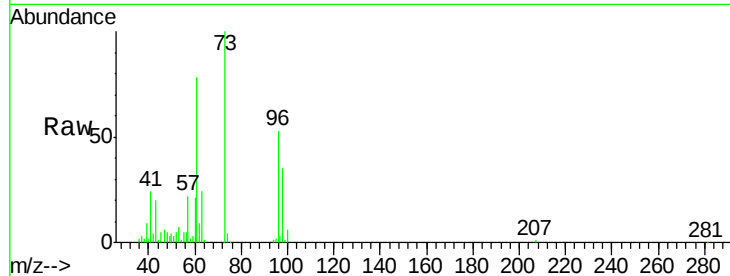
Tot Ion: 96 Resp: 46863

Ion Ratio Lower Upper

96 100

61 146.8 111.3 166.9

98 66.5 50.3 75.5

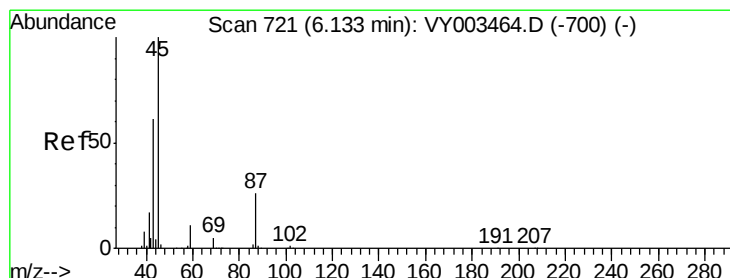
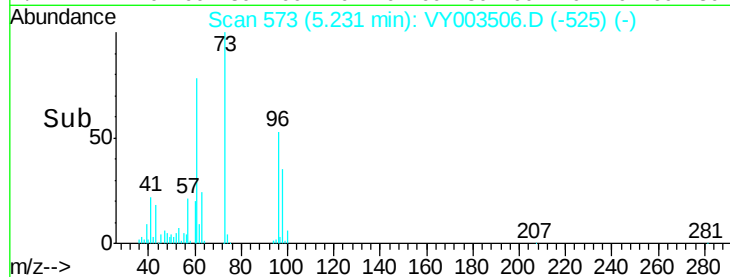
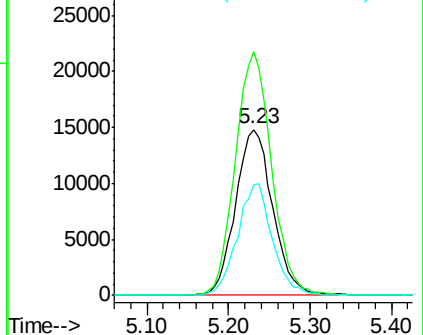


Abundance

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: 22.622 ug/l

RT: 6.13 min Scan# 721

Delta R.T. 0.00 min

Lab File: VY003506.D

Acq: 04 Nov 2020 12:02

Tgt Ion: 45 Resp: 137780

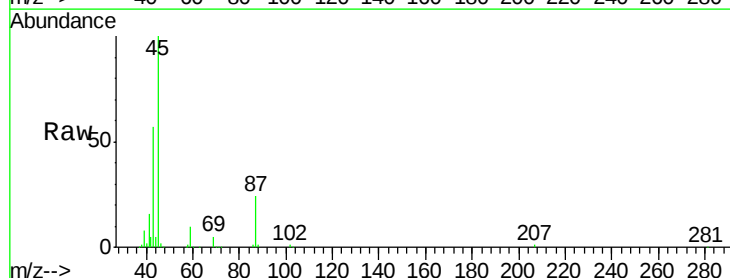
Ion Ratio Lower Upper

45 100

43 55.8 48.8 73.2

87 24.4 20.6 31.0

59 10.3 9.0 13.4



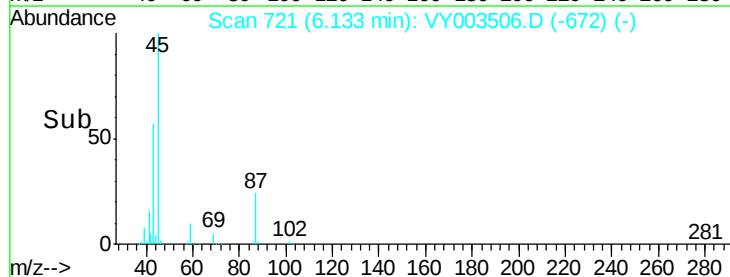
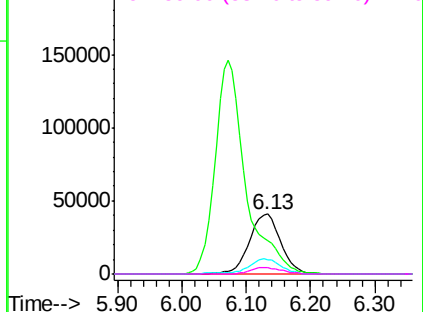
Abundance

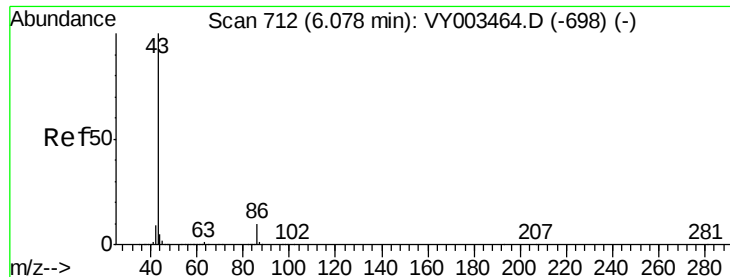
Ion 45.00 (44.70 to 45.70): VY0

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: 106.160 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.01 min

Lab File: VY003506.D

Acq: 04 Nov 2020 12:02

Instrument :

MSVOA_Y

ClientSampleId :

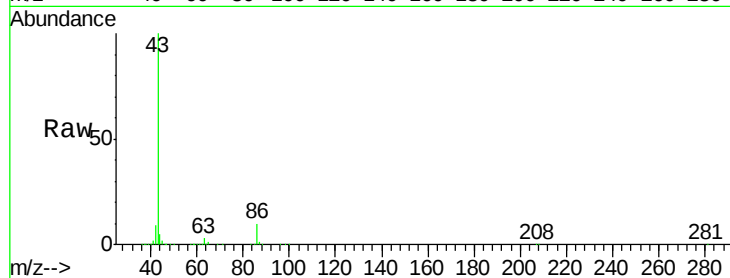
VY1104SBS01

Tot Ion: 43 Resp: 485880

Ion Ratio Lower Upper

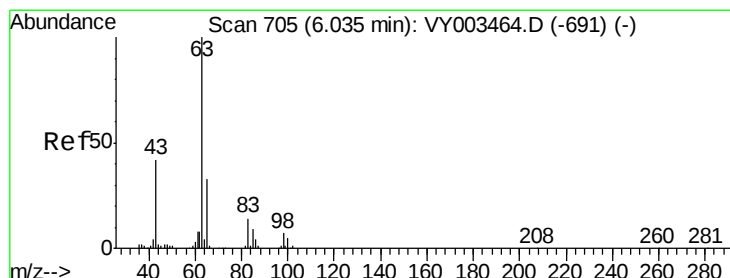
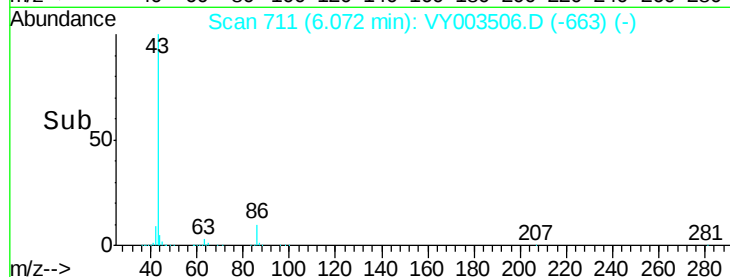
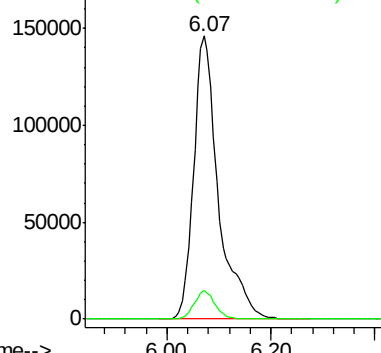
43 100

86 10.0 8.2 12.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 21.927 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.01 min

Lab File: VY003506.D

Acq: 04 Nov 2020 12:02

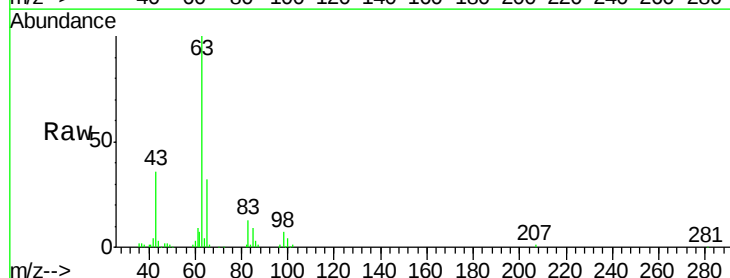
Tgt Ion: 63 Resp: 84864

Ion Ratio Lower Upper

63 100

98 7.1 3.6 10.8

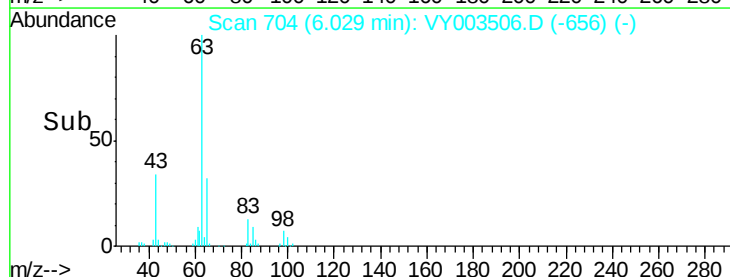
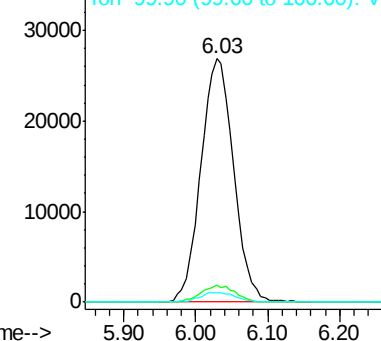
100 4.0 2.3 6.9

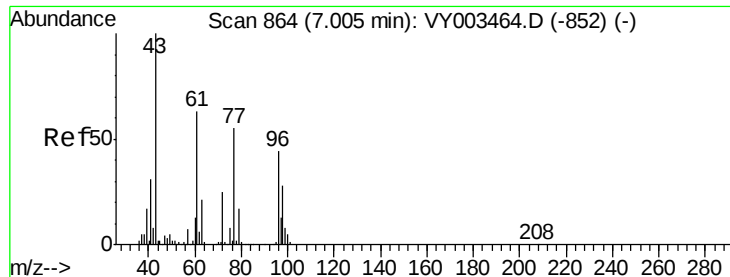


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 92.800 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.01 min

Lab File: VY003506.D

Acq: 04 Nov 2020 12:02

Instrument :

MSVOA_Y

ClientSampleId :

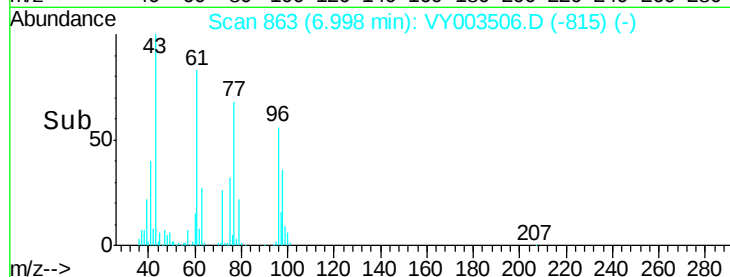
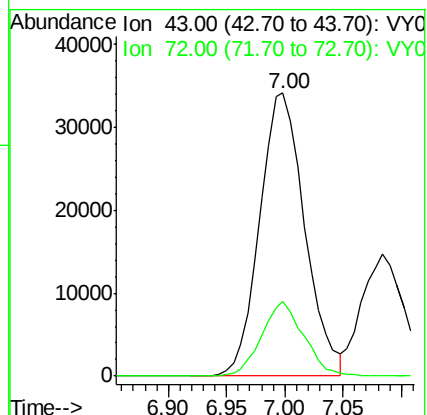
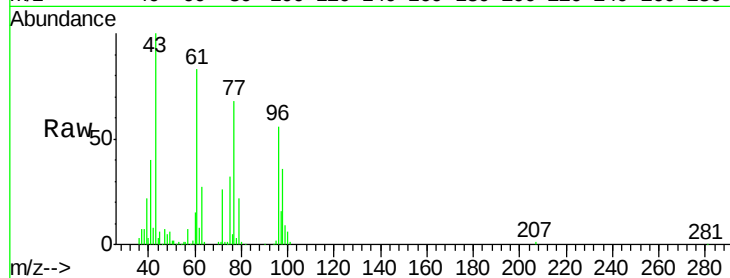
VY1104SBS01

Tot Ion: 43 Resp: 91544

Ion Ratio Lower Upper

43 100

72 26.3 20.1 30.1



#26

2,2-Dichloropropane

Concen: 21.147 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY003506.D

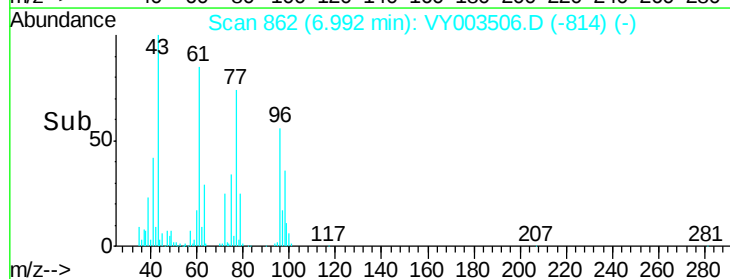
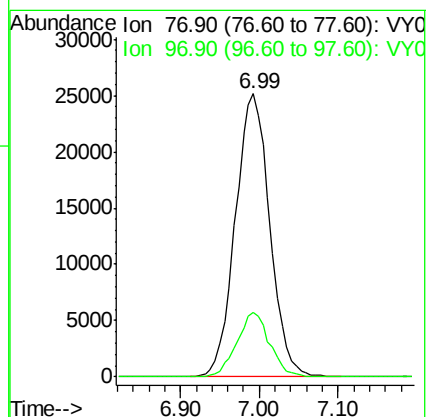
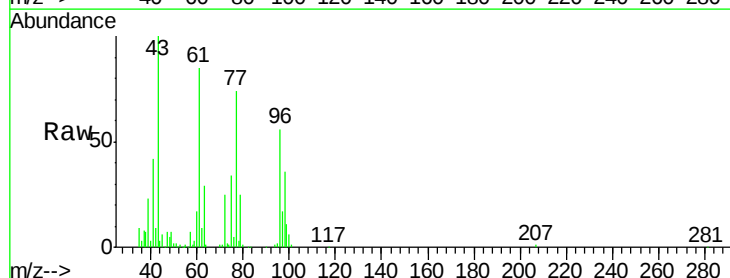
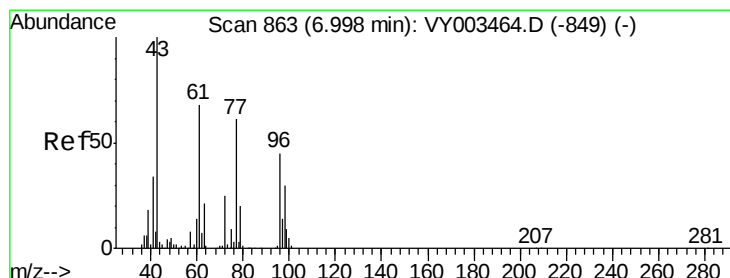
Acq: 04 Nov 2020 12:02

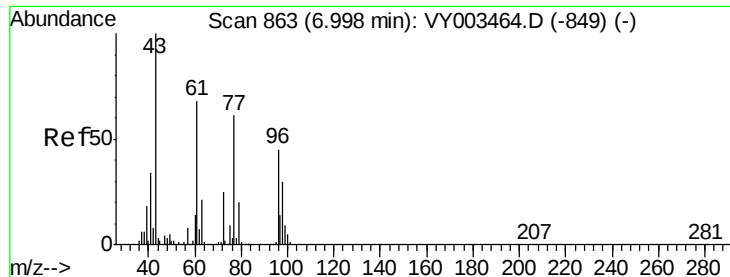
Tgt Ion: 77 Resp: 76251

Ion Ratio Lower Upper

77 100

97 21.7 11.2 33.6



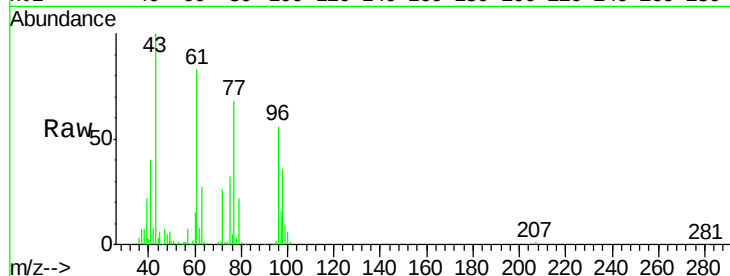


#27

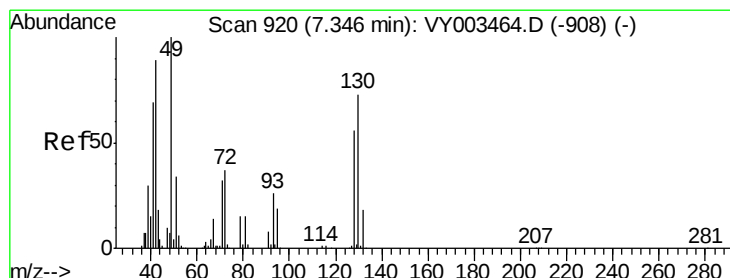
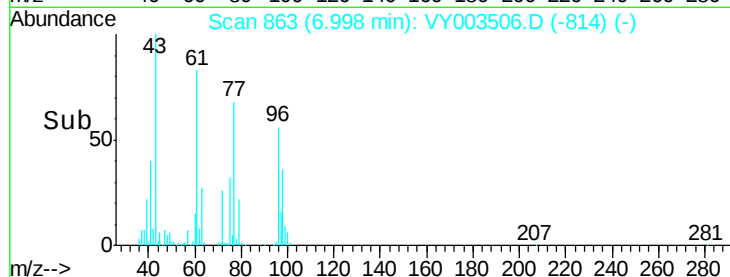
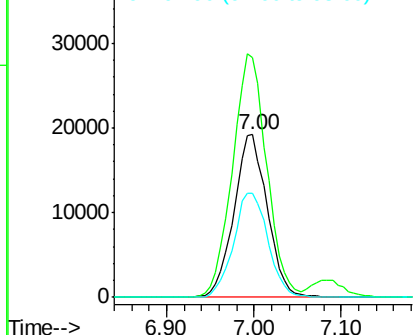
cis-1,2-Dichloroethene
Concen: 21.345 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.00 min
Lab File: VY003506.D
Acq: 04 Nov 2020 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS01

Tot Ion: 96 Resp: 50974
Ion Ratio Lower Upper
96 100
61 153.4 0.0 299.2
98 65.9 0.0 128.6



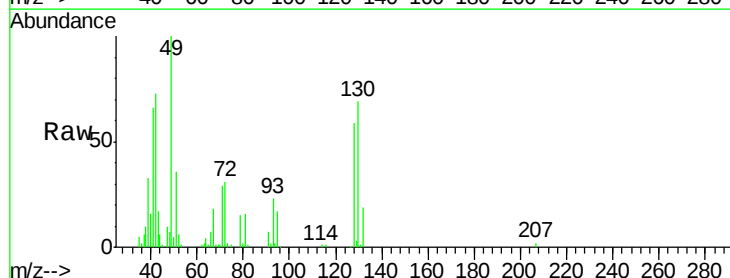
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



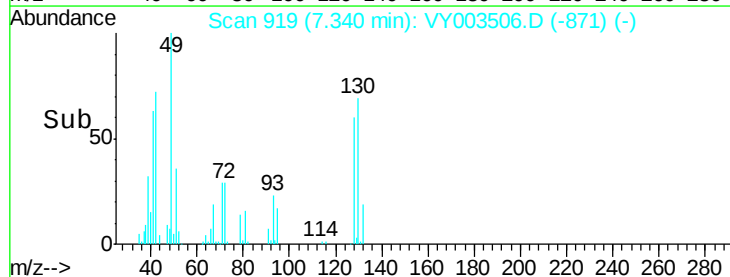
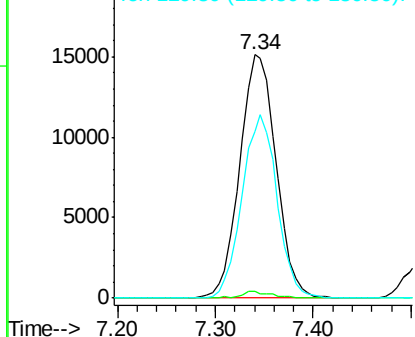
#28

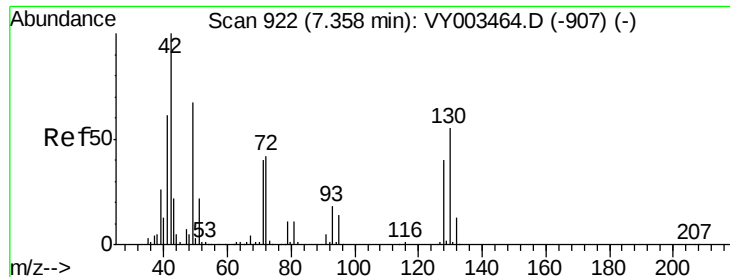
Bromochloromethane
Concen: 20.070 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY003506.D
Acq: 04 Nov 2020 12:02

Tgt Ion: 49 Resp: 39077
Ion Ratio Lower Upper
49 100
129 2.2 0.0 4.2
130 72.6 60.0 90.0



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

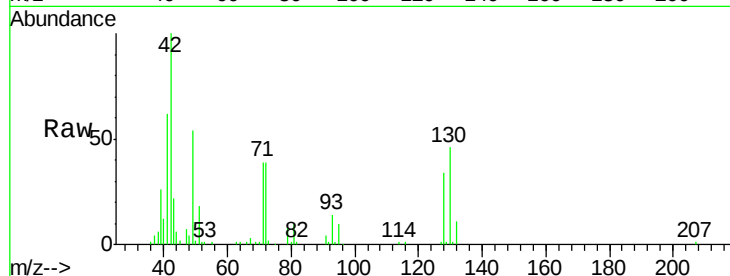




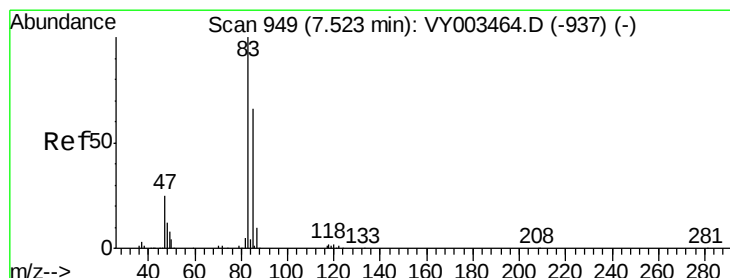
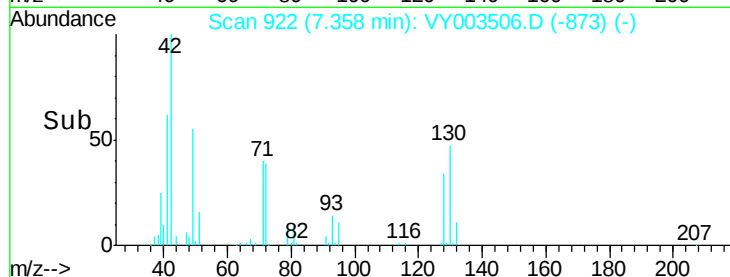
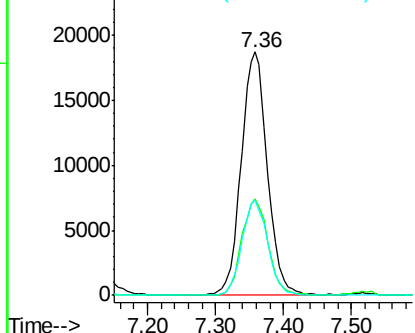
#29
Tetrahydrofuran
Concen: 96.937 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.00 min
Lab File: VY003506.D
Acq: 04 Nov 2020 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.6	32.8	49.2
71	38.3	30.7	46.1

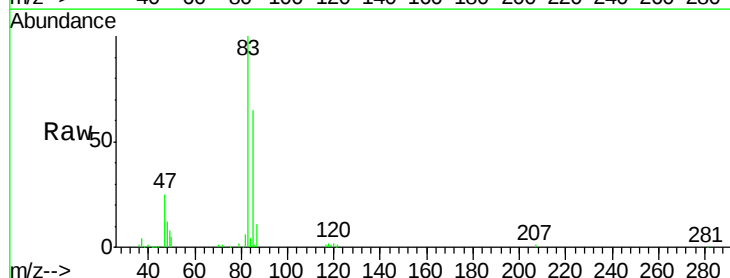


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

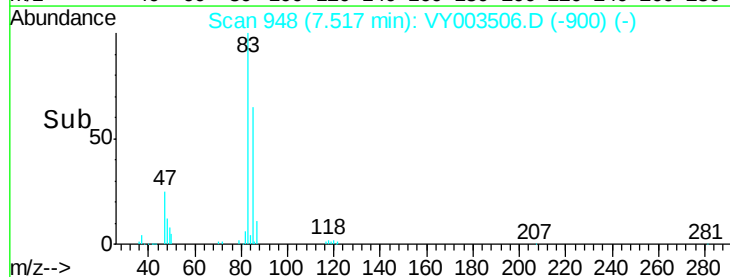
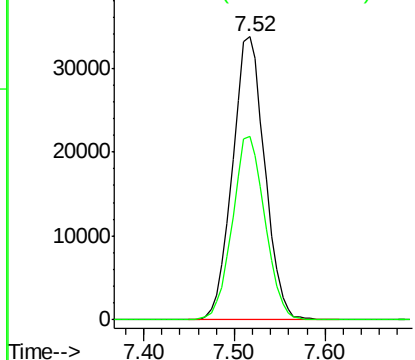


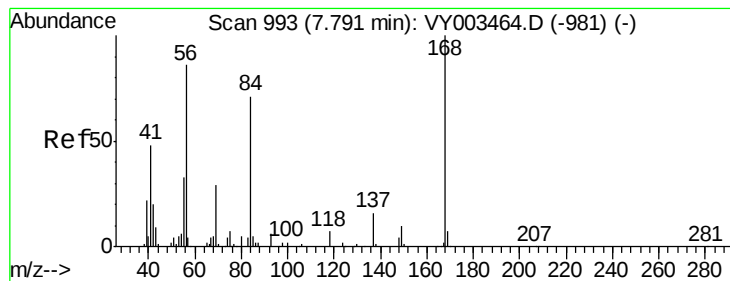
#30
Chloroform
Concen: 21.945 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.01 min
Lab File: VY003506.D
Acq: 04 Nov 2020 12:02

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.0	52.6	79.0



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





#31

Cyclohexane

Concen: 21.075 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY003506.D

Acq: 04 Nov 2020 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VY1104SBS01

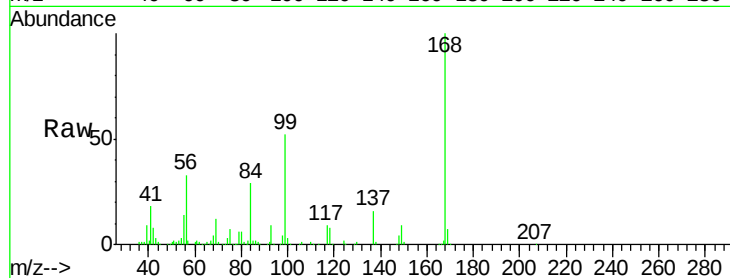
Tot Ion: 56 Resp: 75526

Ion Ratio Lower Upper

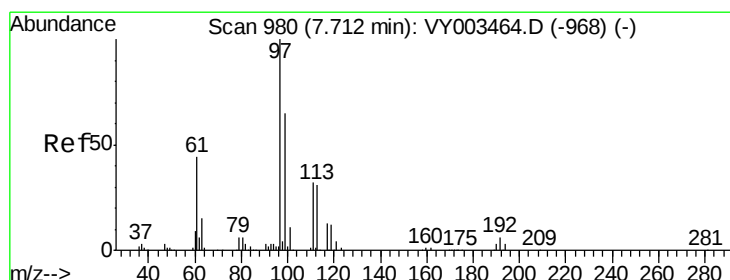
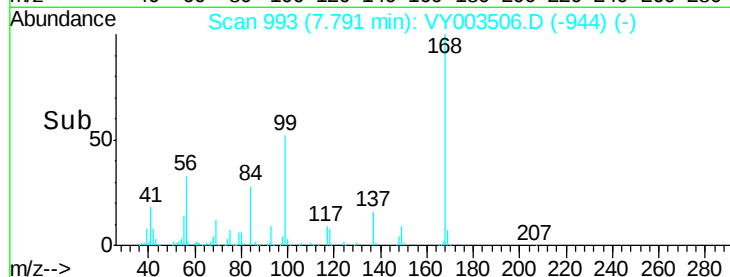
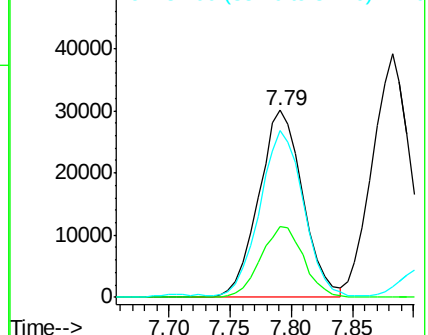
56 100

69 37.6 26.6 39.8

84 88.1 65.9 98.9



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



#32

1,1,1-Trichloroethane

Concen: 21.708 ug/l

RT: 7.71 min Scan# 980

Delta R.T. 0.00 min

Lab File: VY003506.D

Acq: 04 Nov 2020 12:02

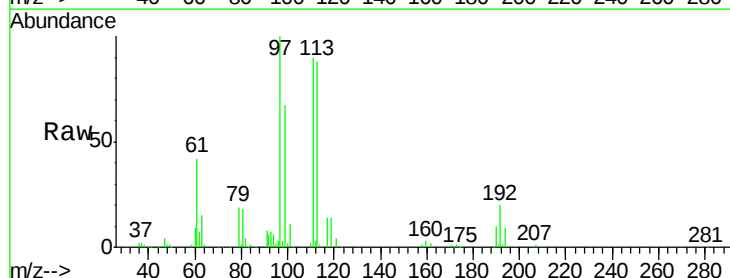
Tgt Ion: 97 Resp: 76984

Ion Ratio Lower Upper

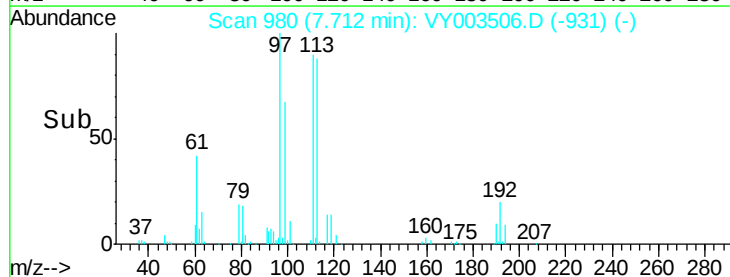
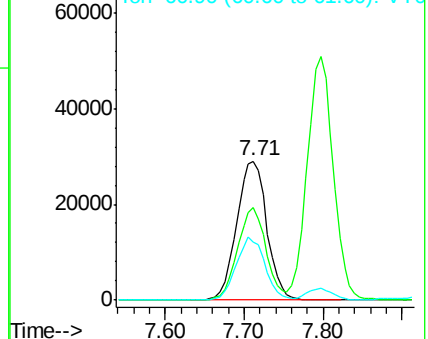
97 100

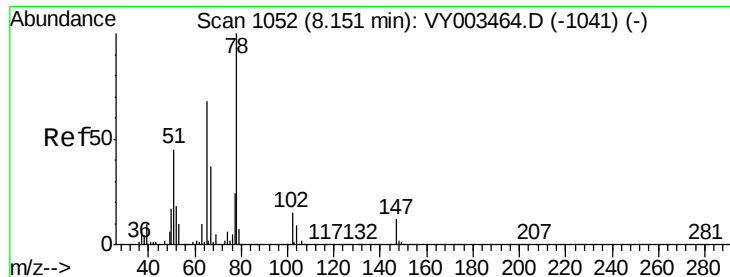
99 63.4 51.6 77.4

61 43.6 35.1 52.7



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

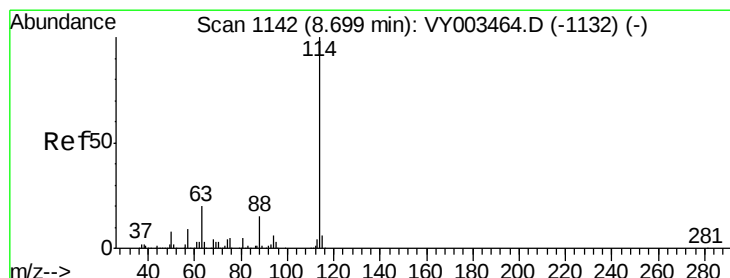
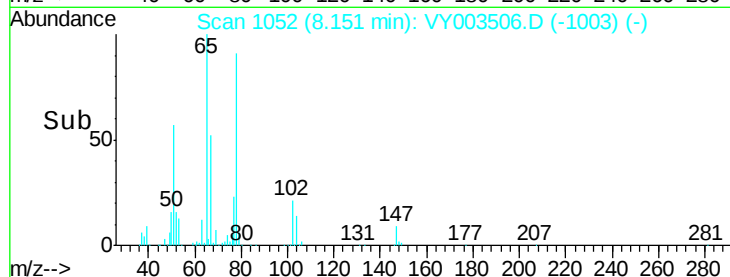
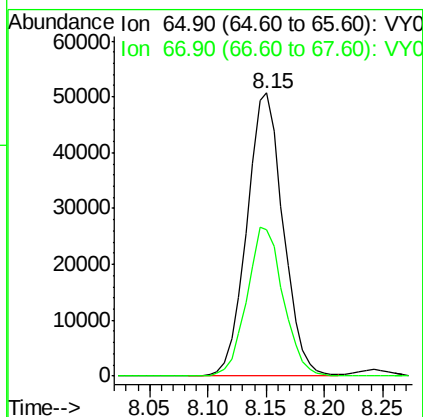
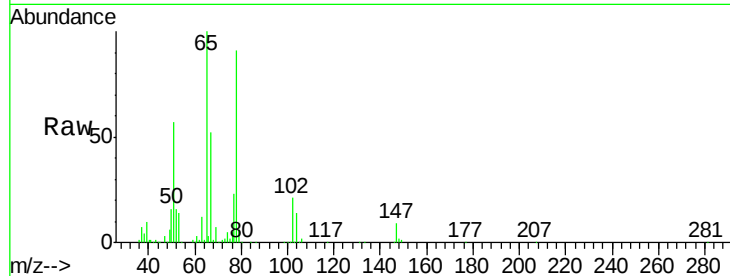




#33
 1,2-Dichloroethane-d4
 Concen: 46.071 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY003506.D
 Acq: 04 Nov 2020 12:02

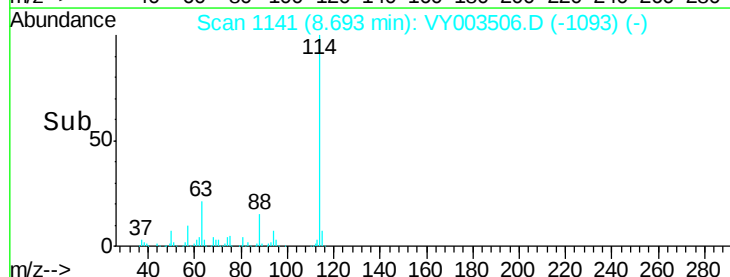
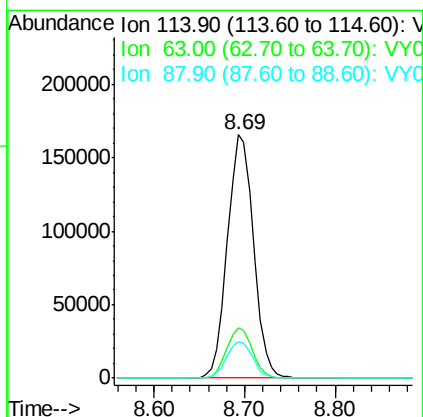
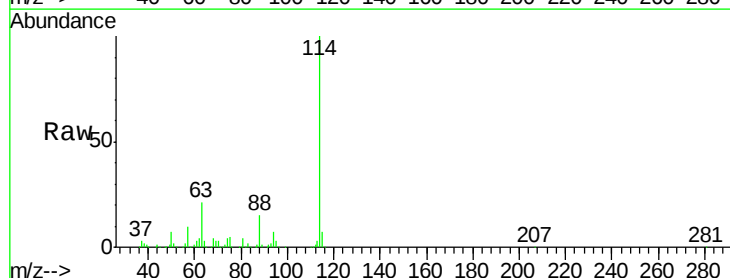
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1104SBS01

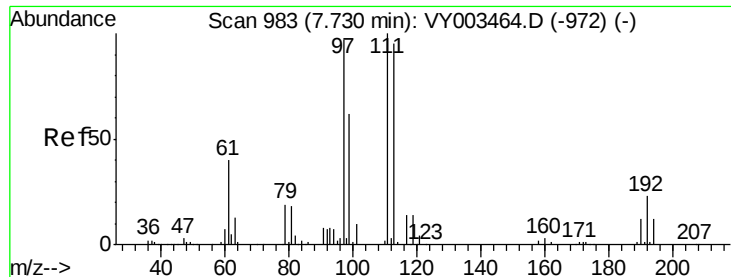
Tot Ion: 65 Resp: 110151
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 106.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY003506.D
 Acq: 04 Nov 2020 12:02

Tgt Ion: 114 Resp: 332244
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 40.6
 88 15.1 0.0 29.4

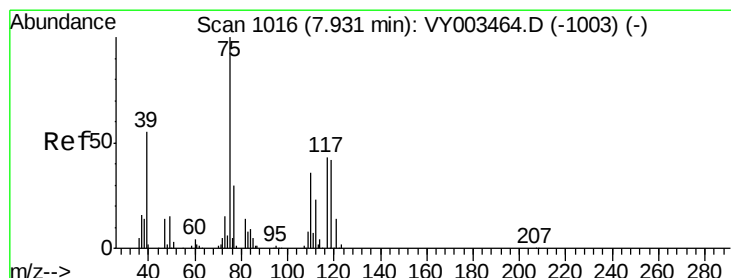
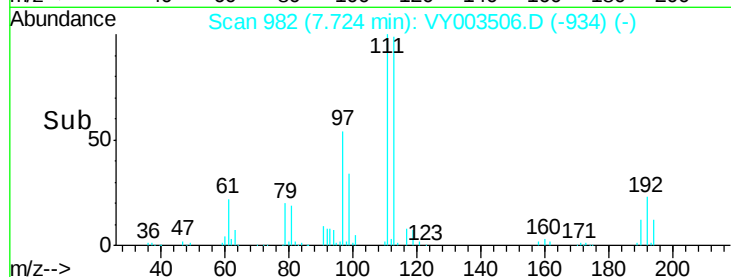
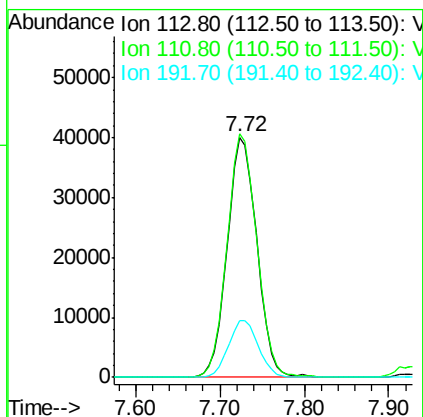
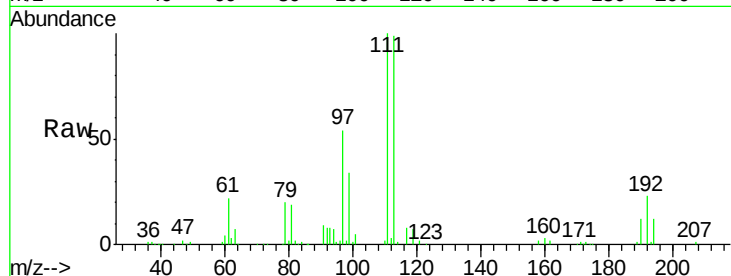




#35
Dibromofluoromethane
Concen: 47.278 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.01 min
Lab File: VY003506.D
Acq: 04 Nov 2020 12:02

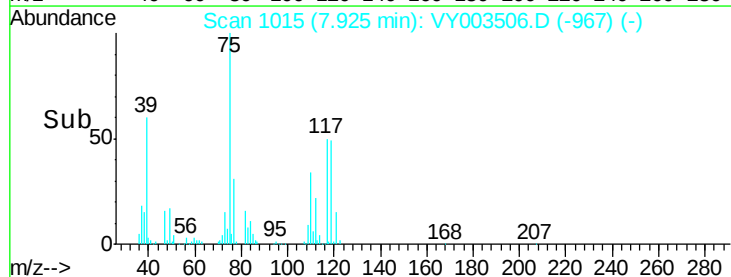
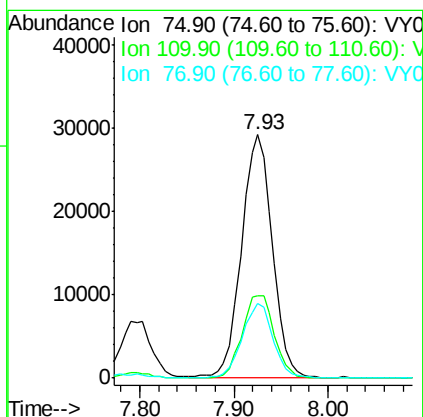
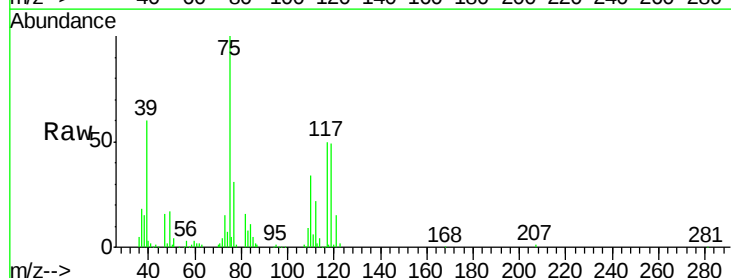
Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS01

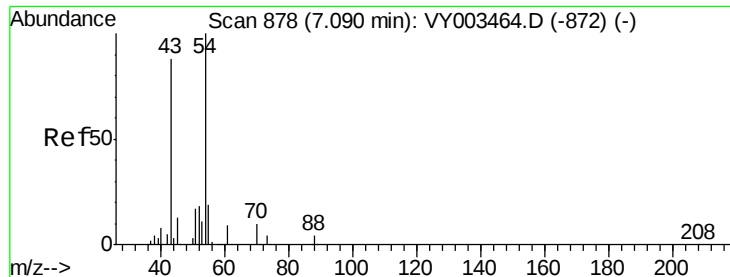
Tot Ion:113 Resp: 95586
Ion Ratio Lower Upper
113 100
111 102.0 81.8 122.6
192 23.8 18.8 28.2



#36
1,1-Dichloropropene
Concen: 21.258 ug/l
RT: 7.93 min Scan# 1015
Delta R.T. -0.01 min
Lab File: VY003506.D
Acq: 04 Nov 2020 12:02

Tgt Ion: 75 Resp: 66591
Ion Ratio Lower Upper
75 100
110 35.7 17.6 52.9
77 30.8 24.7 37.1

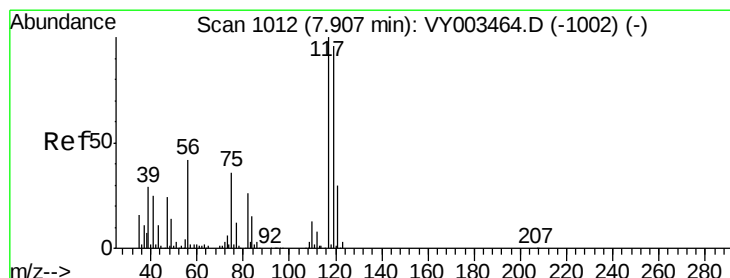
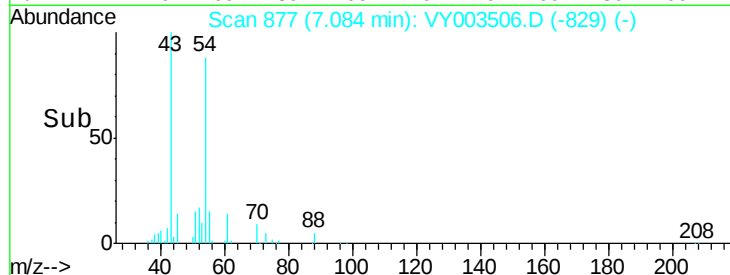
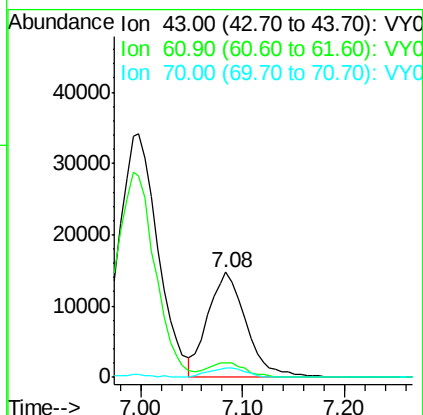
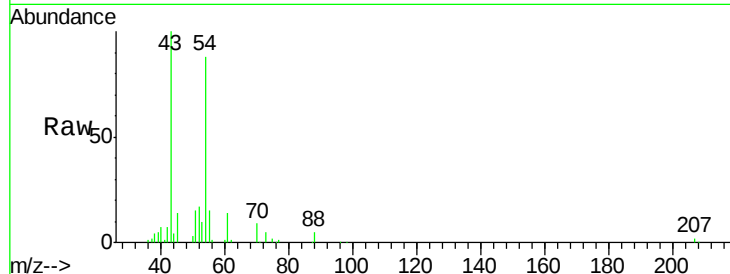




#37
Ethyl Acetate
Concen: 19.788 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY003506.D
Acq: 04 Nov 2020 12:02

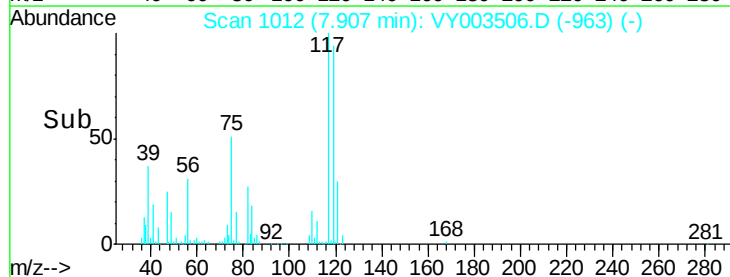
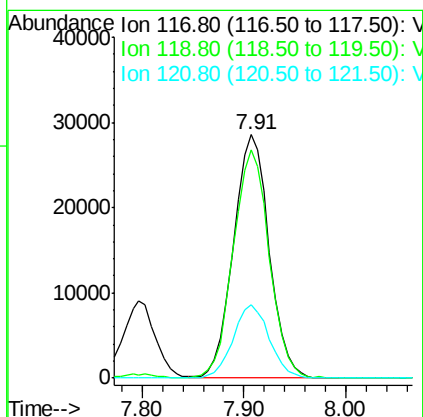
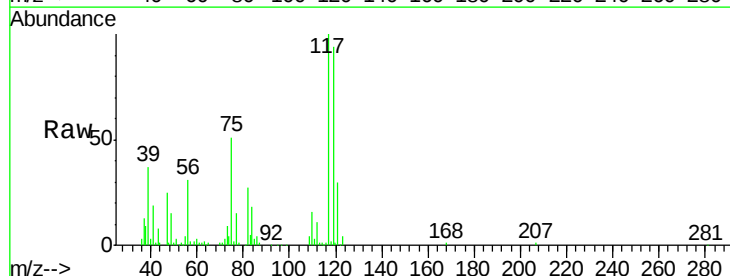
Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS01

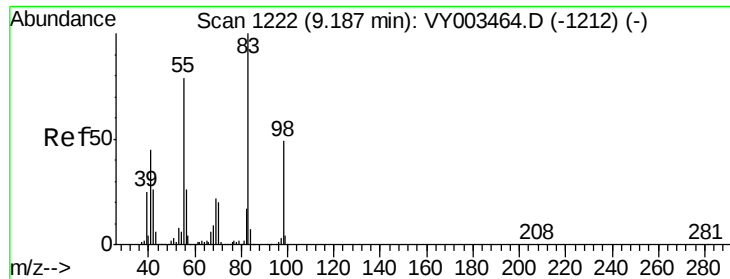
Tot Ion: 43 Resp: 38492
Ion Ratio Lower Upper
43 100
61 14.0 11.0 16.6
70 8.9 7.9 11.9



#38
Carbon Tetrachloride
Concen: 21.329 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY003506.D
Acq: 04 Nov 2020 12:02

Tgt Ion: 117 Resp: 69315
Ion Ratio Lower Upper
117 100
119 93.6 76.2 114.4
121 30.2 24.2 36.4

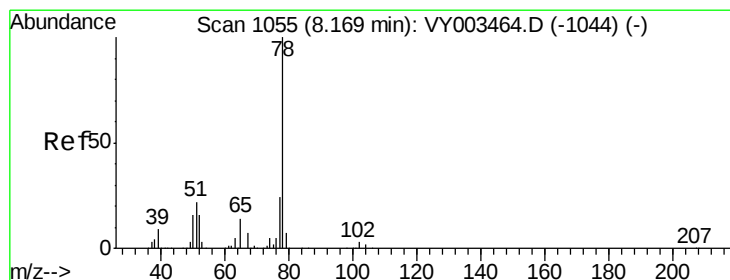
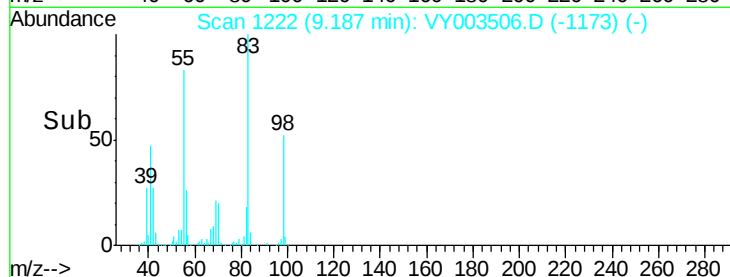
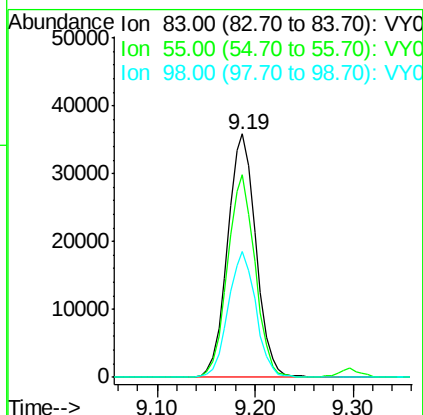
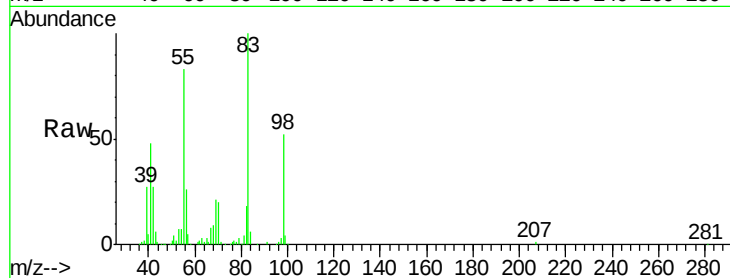




#39
Methvlcvclohexane
Concen: 20.668 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY003506.D
Acq: 04 Nov 2020 12:02

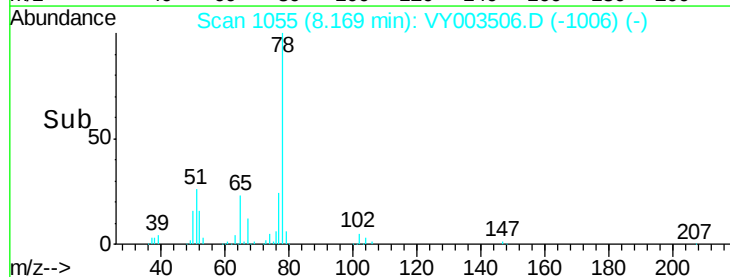
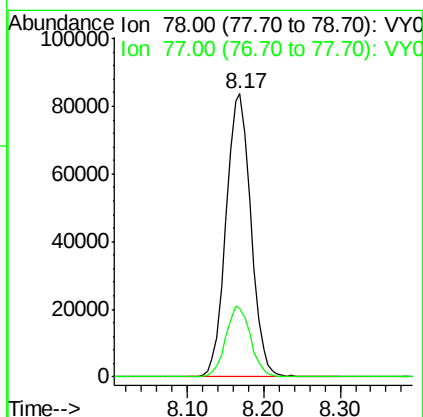
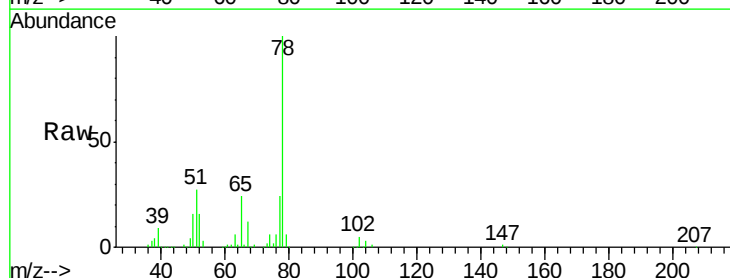
Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS01

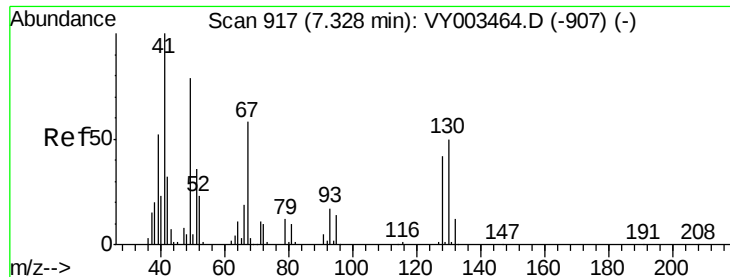
Tot Ion: 83 Resp: 72090
Ion Ratio Lower Upper
83 100
55 83.4 63.5 95.3
98 51.8 39.4 59.2



#40
Benzene
Concen: 21.558 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY003506.D
Acq: 04 Nov 2020 12:02

Tgt Ion: 78 Resp: 187930
Ion Ratio Lower Upper
78 100
77 24.1 19.4 29.0





#41

Methacrylonitrile

Concen: 47.690 ug/l

RT: 7.35 min Scan# 921

Delta R.T. 0.02 min

Lab File: VY003506.D

Acq: 04 Nov 2020 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VY1104SBS01

Tot Ion: 41 Resp: 49537

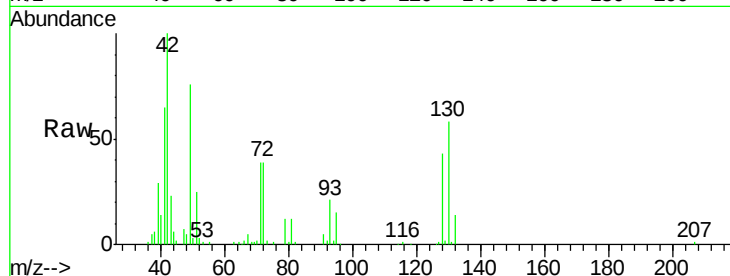
Ion Ratio Lower Upper

41 100

39 48.6 0.0 0.0#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

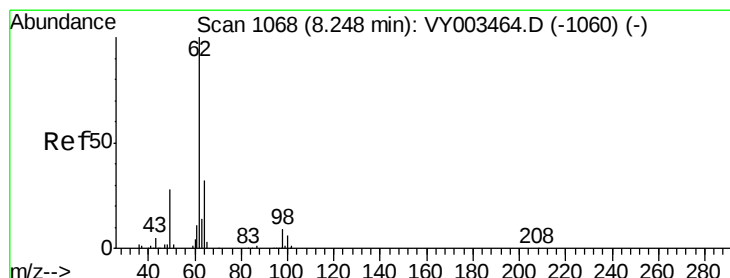
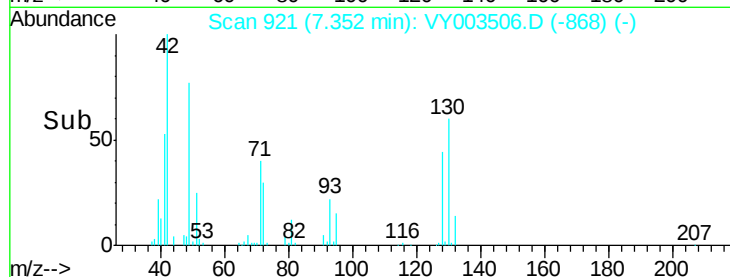
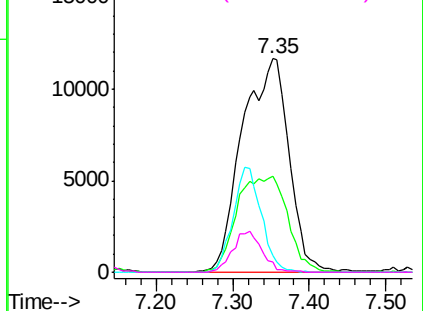


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 21.608 ug/l

RT: 8.24 min Scan# 1067

Delta R.T. -0.01 min

Lab File: VY003506.D

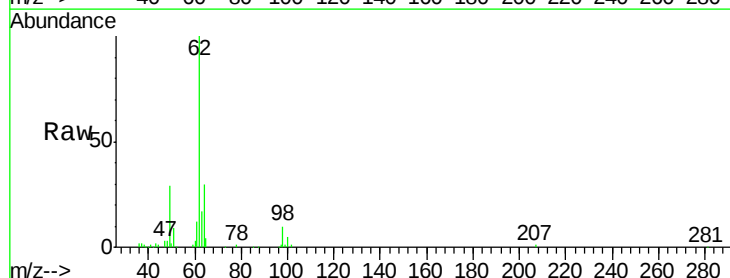
Acq: 04 Nov 2020 12:02

Tgt Ion: 62 Resp: 59023

Ion Ratio Lower Upper

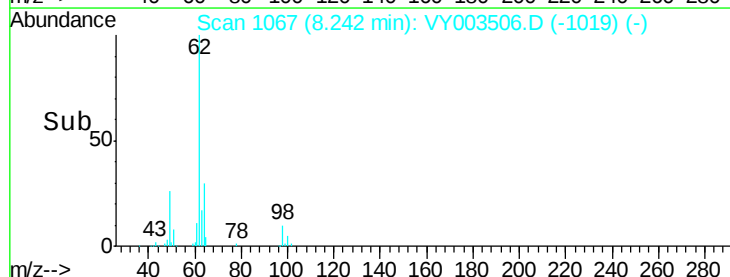
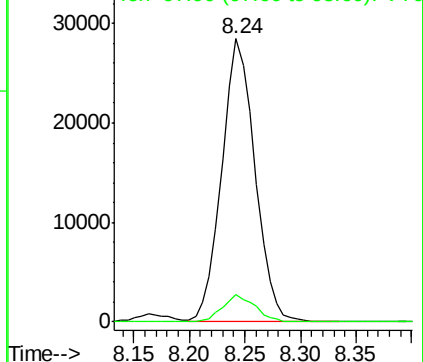
62 100

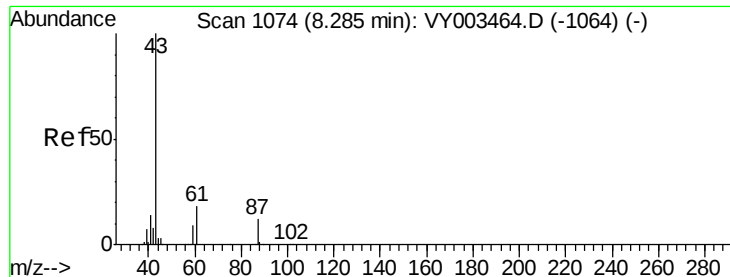
98 9.3 0.0 18.2



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



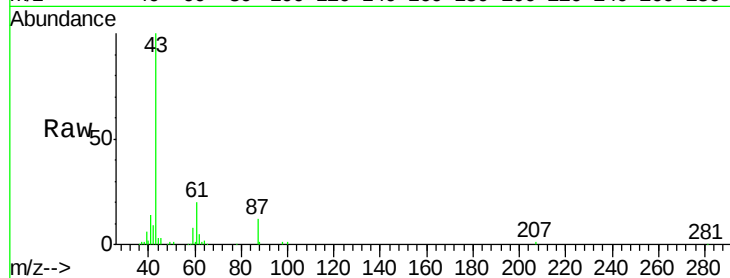


#43

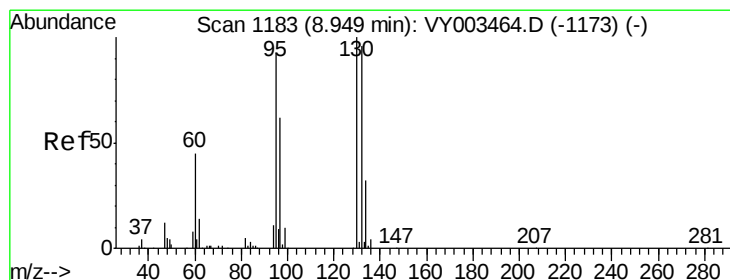
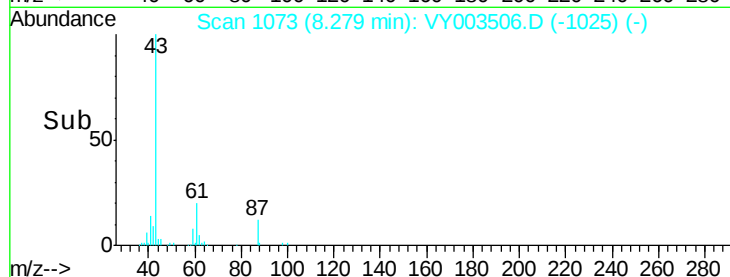
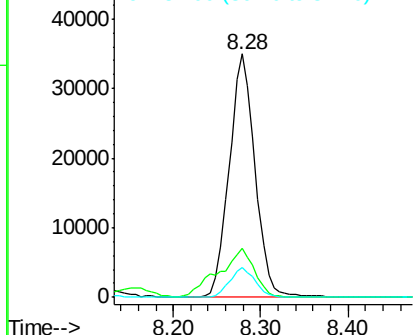
Isopropyl Acetate
 Concen: 20.595 ug/l
 RT: 8.28 min Scan# 1073
 Delta R.T. -0.01 min
 Lab File: VY003506.D
 Acq: 04 Nov 2020 12:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1104SBS01

Tot Ion: 43 Resp: 71995
 Ion Ratio Lower Upper
 43 100
 61 27.7 21.9 32.9
 87 12.0 10.0 15.0



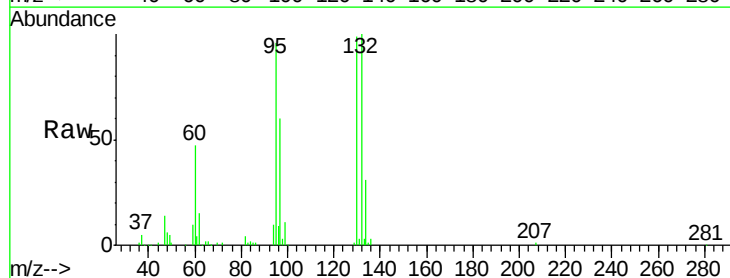
Abundance Ion 43.00 (42.70 to 43.70): VY0
 Ion 61.00 (60.70 to 61.70): VY0
 Ion 87.00 (86.70 to 87.70): VY0



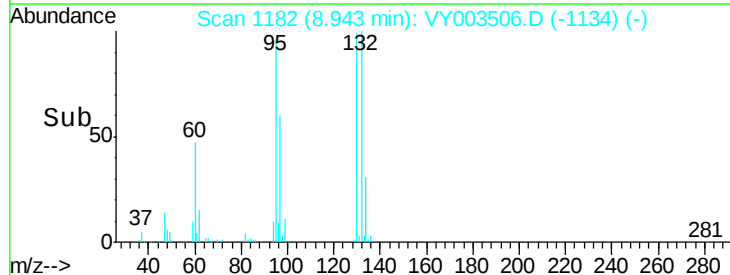
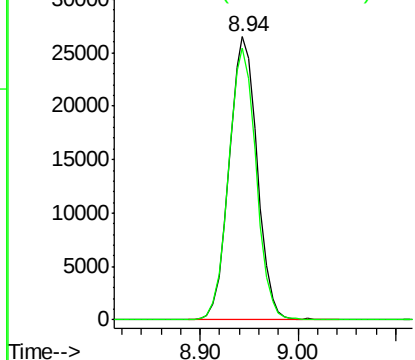
#44

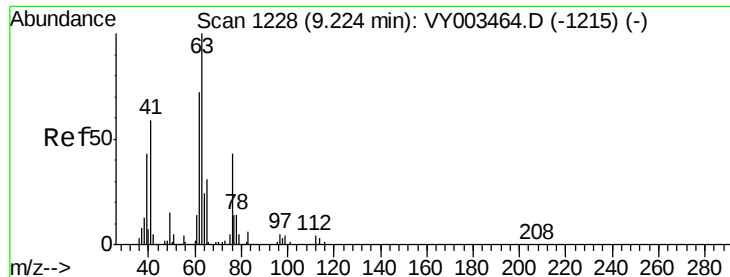
Trichloroethene
 Concen: 21.441 ug/l
 RT: 8.94 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: VY003506.D
 Acq: 04 Nov 2020 12:02

Tgt Ion: 130 Resp: 52472
 Ion Ratio Lower Upper
 130 100
 95 96.2 0.0 186.6



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





#45

1,2-Dichloropropane

Concen: 21.759 ug/l

RT: 9.22 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VY003506.D

Acq: 04 Nov 2020 12:02

Instrument :

MSVOA_Y

ClientSampleId :

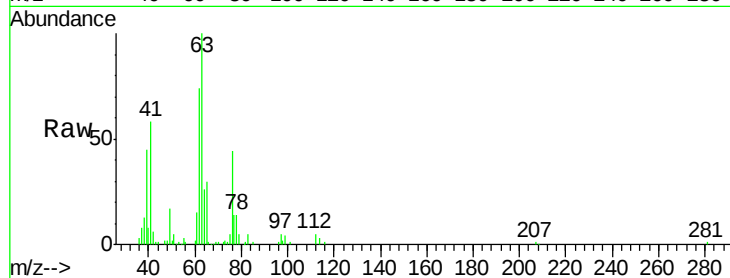
VY1104SBS01

Tot Ion: 63 Resp: 47903

Ion Ratio Lower Upper

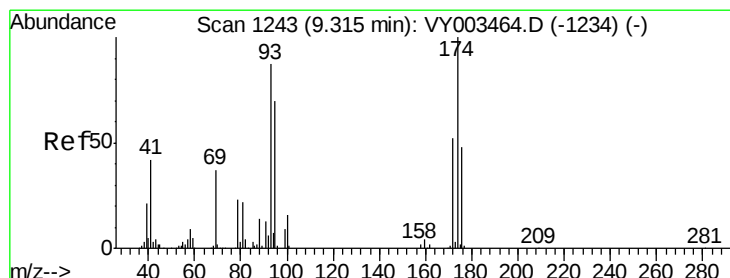
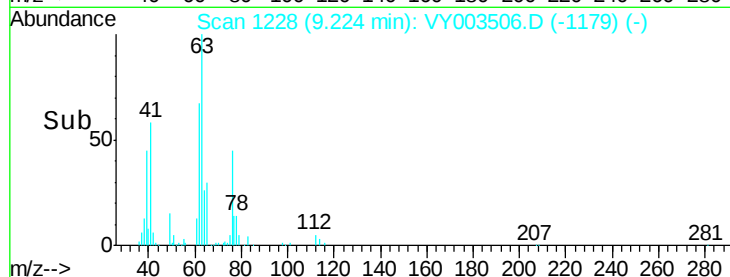
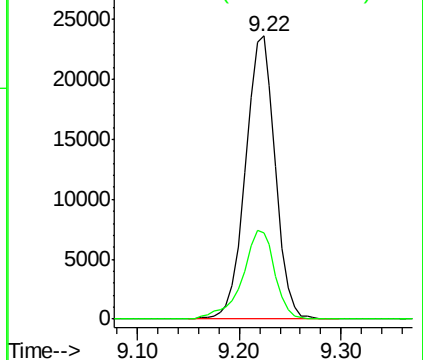
63 100

65 30.4 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 21.023 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.01 min

Lab File: VY003506.D

Acq: 04 Nov 2020 12:02

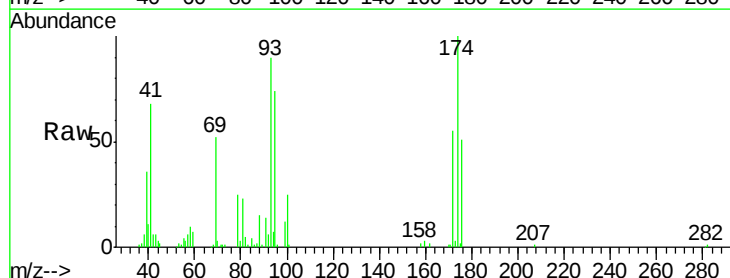
Tgt Ion: 93 Resp: 25463

Ion Ratio Lower Upper

93 100

95 85.0 65.0 97.6

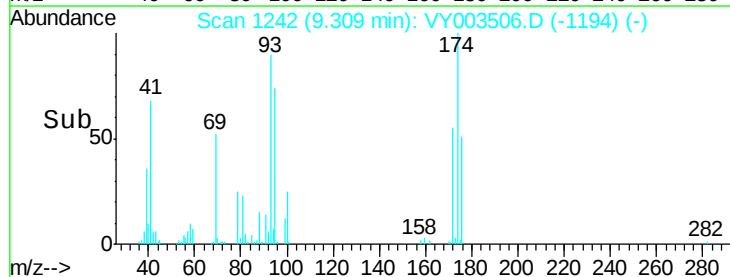
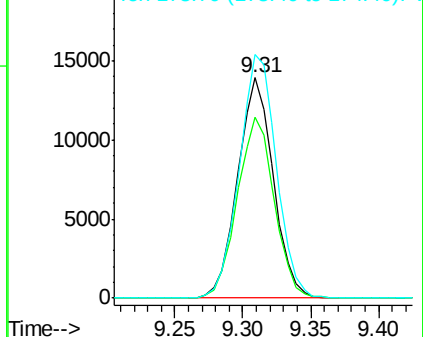
174 115.2 91.8 137.6

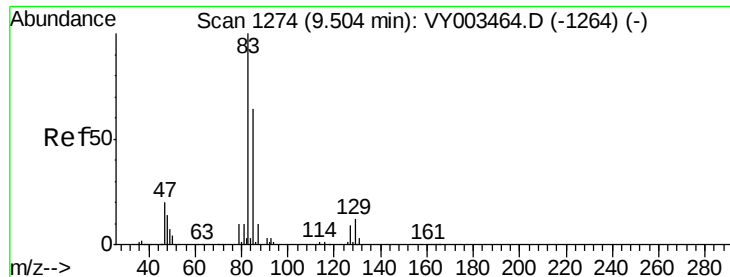


Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 22.369 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.01 min

Lab File: VY003506.D

Acq: 04 Nov 2020 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VY1104SBS01

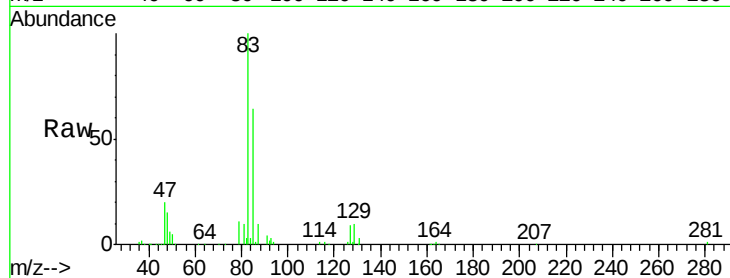
Tot Ion: 83 Resp: 66313

Ion Ratio Lower Upper

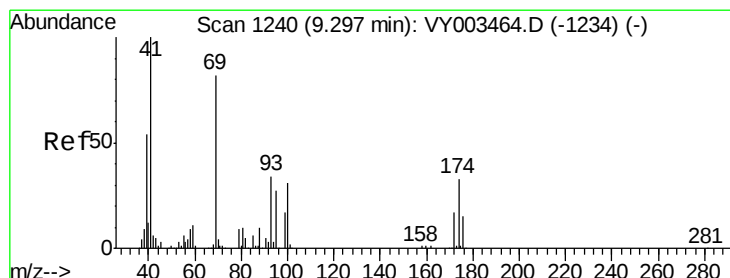
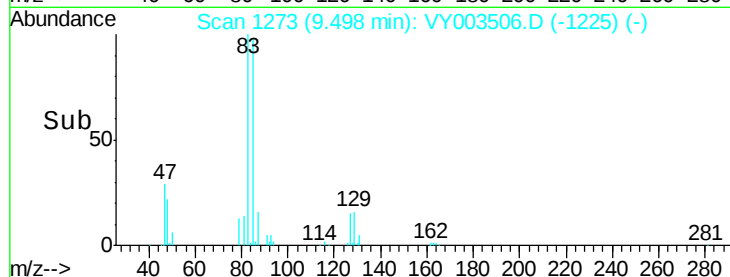
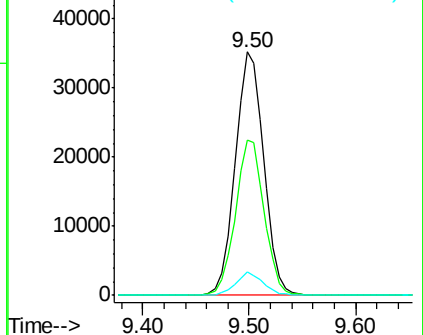
83 100

85 63.7 51.0 76.6

127 9.4 7.1 10.7



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



#48

Methyl methacrylate

Concen: 20.047 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VY003506.D

Acq: 04 Nov 2020 12:02

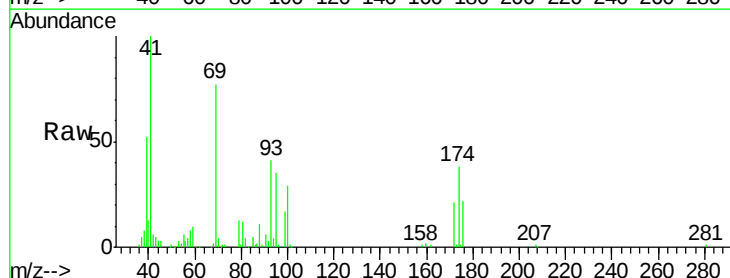
Tgt Ion: 41 Resp: 33013

Ion Ratio Lower Upper

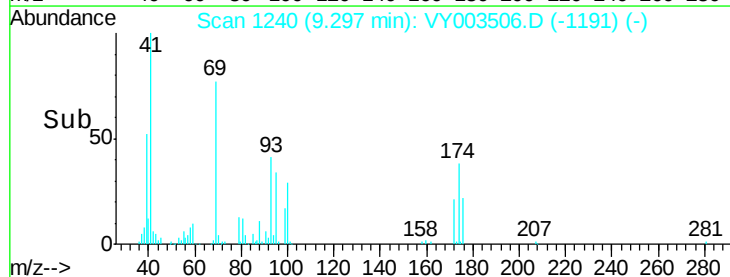
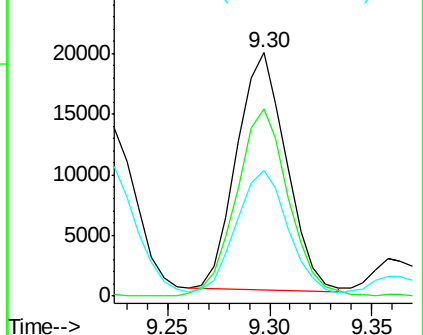
41 100

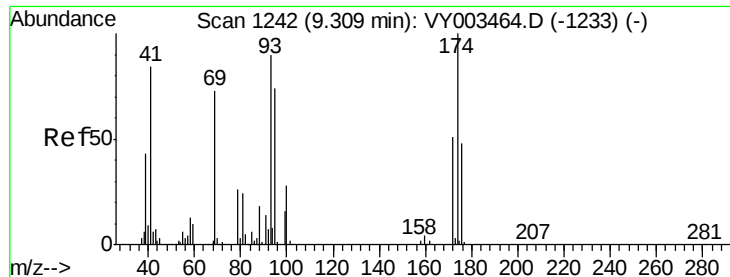
69 82.9 65.9 98.9

39 56.7 43.2 64.8



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

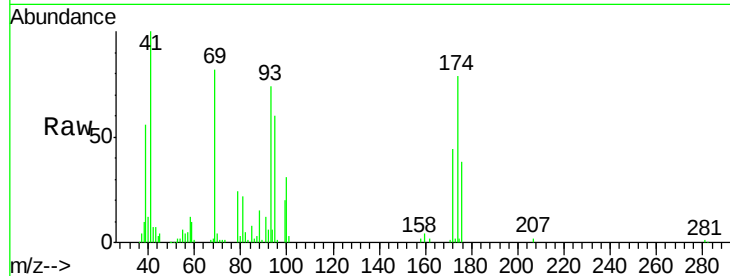




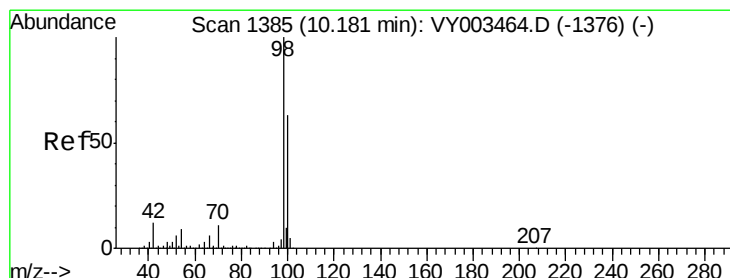
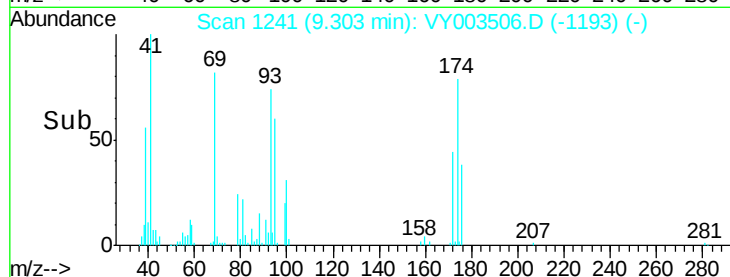
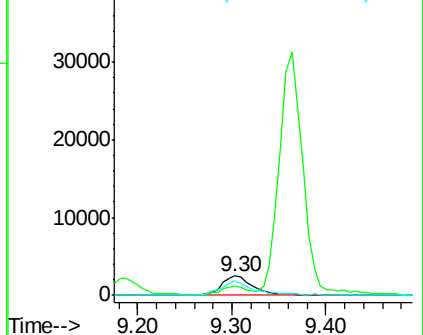
#49
1,4-Dioxane
Concen: 393.847 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VY003506.D
Acq: 04 Nov 2020 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS01

Tot Ion: 88 Resp: 5952
Ion Ratio Lower Upper
88 100
43 33.8 27.6 41.4
58 76.5 54.2 81.2

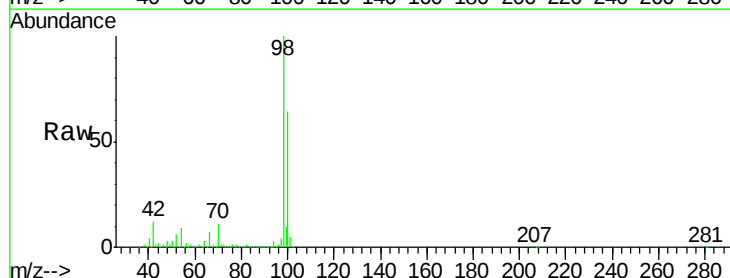


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

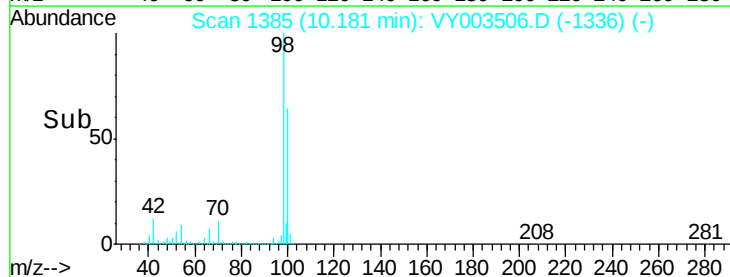
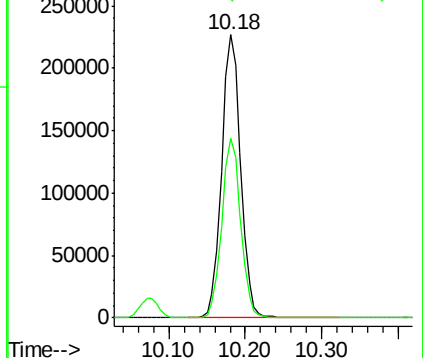


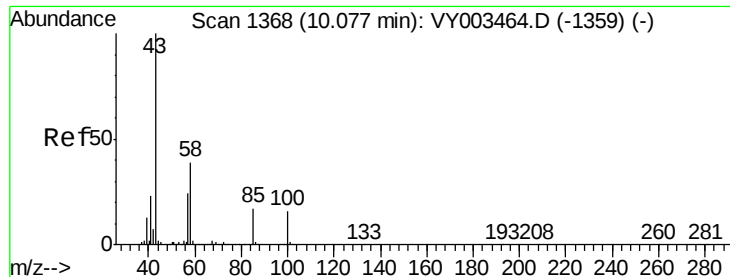
#50
Toluene-d8
Concen: 46.218 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY003506.D
Acq: 04 Nov 2020 12:02

Tgt Ion: 98 Resp: 388729
Ion Ratio Lower Upper
98 100
100 63.0 50.9 76.3



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: 101.553 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.01 min

Lab File: VY003506.D

Acq: 04 Nov 2020 12:02

Instrument :

MSVOA_Y

ClientSampleId :

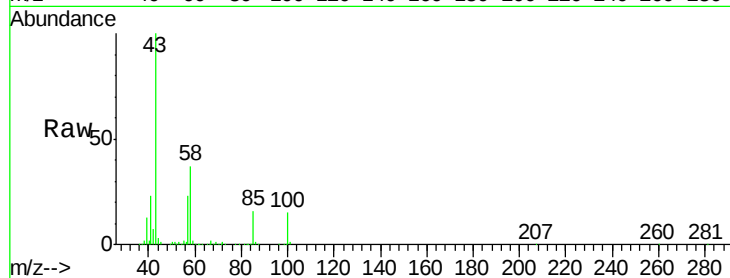
VY1104SBS01

Tot Ion: 43 Resp: 189150

Ion Ratio Lower Upper

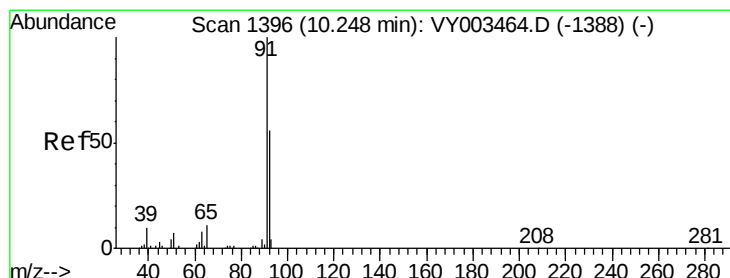
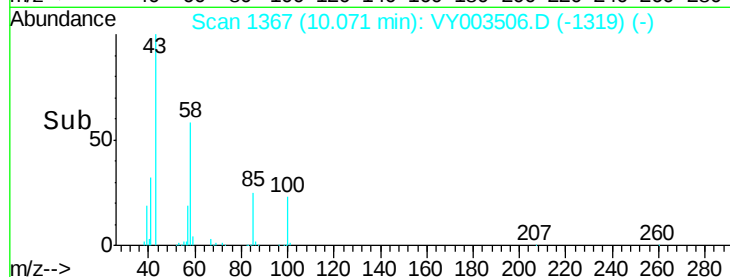
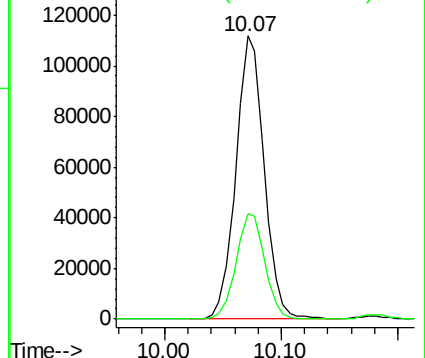
43 100

58 37.9 31.0 46.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#52

Toluene

Concen: 21.594 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. 0.00 min

Lab File: VY003506.D

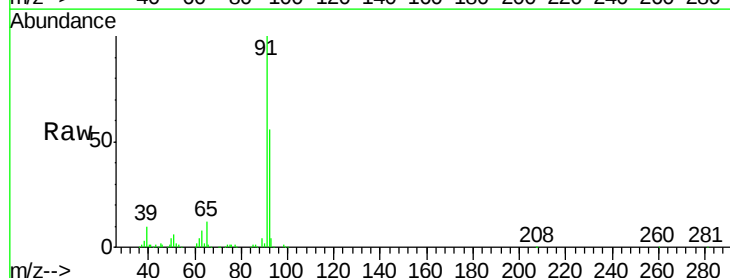
Acq: 04 Nov 2020 12:02

Tgt Ion: 92 Resp: 117739

Ion Ratio Lower Upper

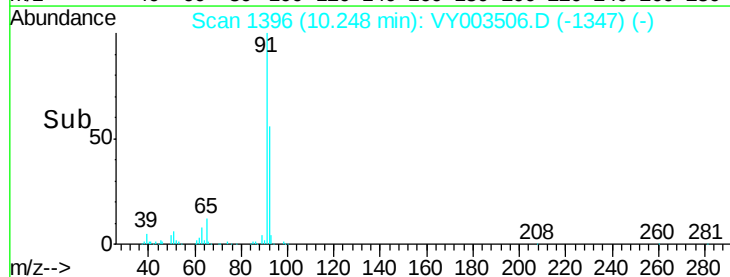
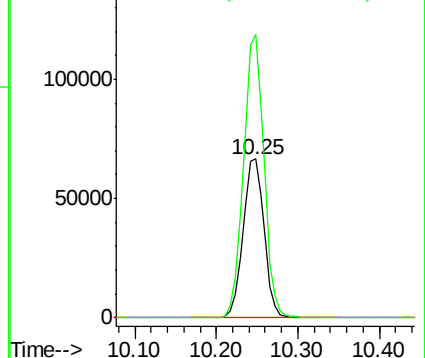
92 100

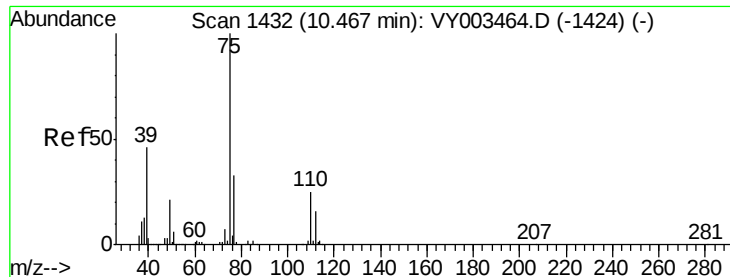
91 174.0 140.2 210.4



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0





#53

t-1,3-Dichloropropene

Concen: 21.561 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY003506.D

Acq: 04 Nov 2020 12:02

Instrument :

MSVOA_Y

ClientSampleId :

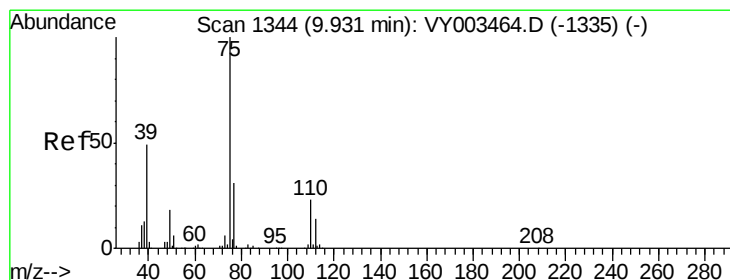
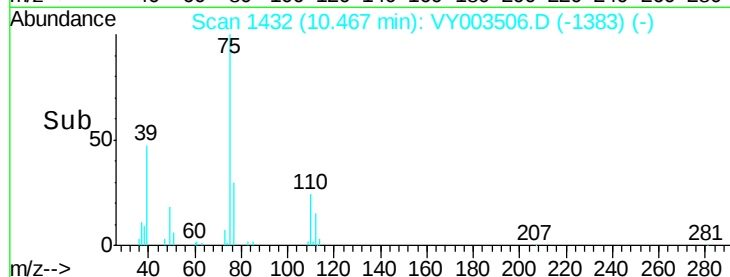
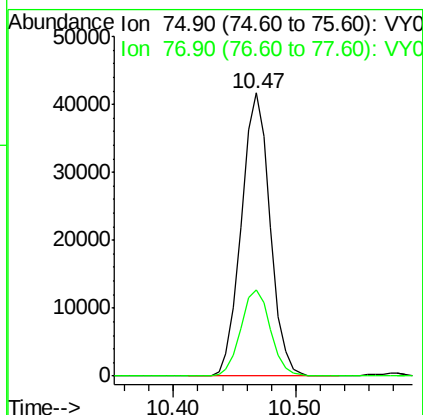
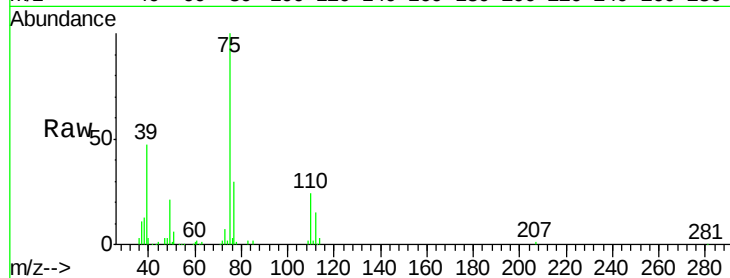
VY1104SBS01

Tot Ion: 75 Resp: 68021

Ion Ratio Lower Upper

75 100

77 30.3 26.2 39.4



#54

cis-1,3-Dichloropropene

Concen: 21.663 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY003506.D

Acq: 04 Nov 2020 12:02

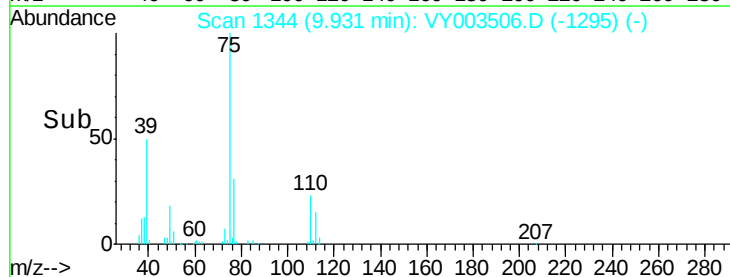
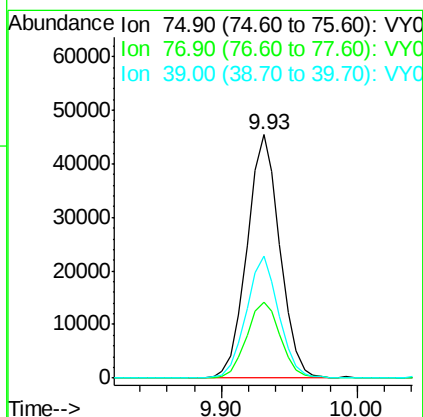
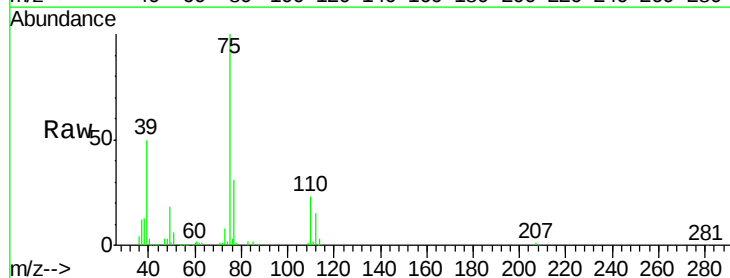
Tgt Ion: 75 Resp: 76905

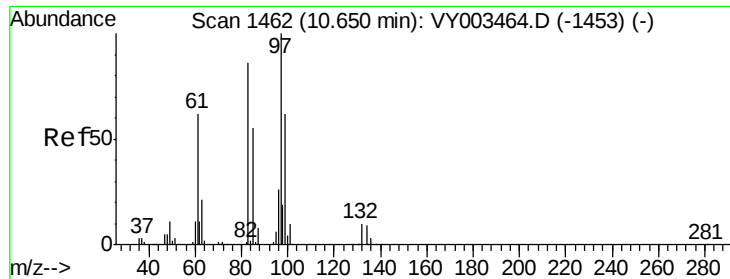
Ion Ratio Lower Upper

75 100

77 31.4 24.5 36.7

39 50.0 39.0 58.4

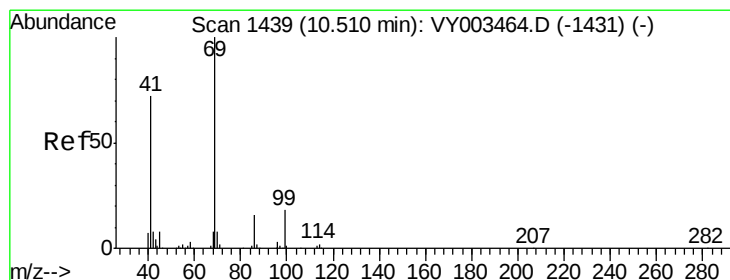
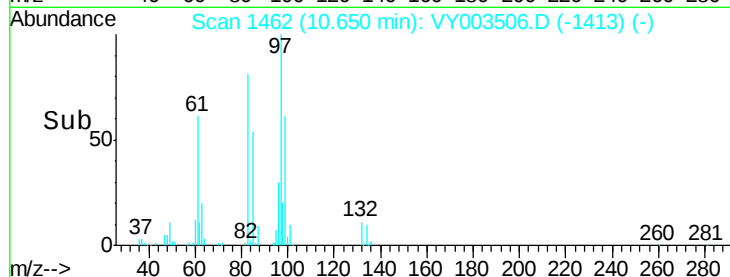
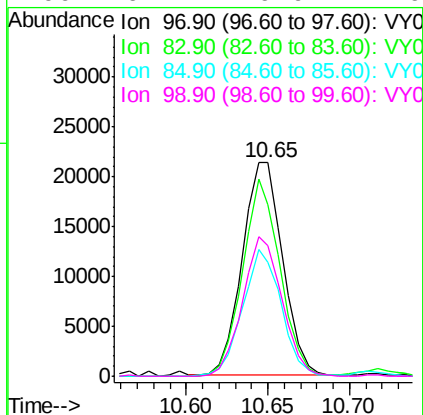
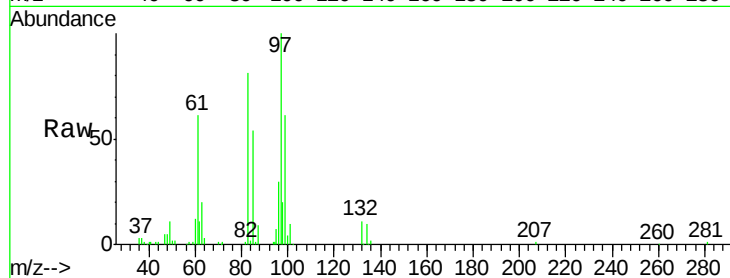




#55
 1,1,2-Trichloroethane
 Concen: 21.267 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. 0.00 min
 Lab File: VY003506.D
 Acq: 04 Nov 2020 12:02

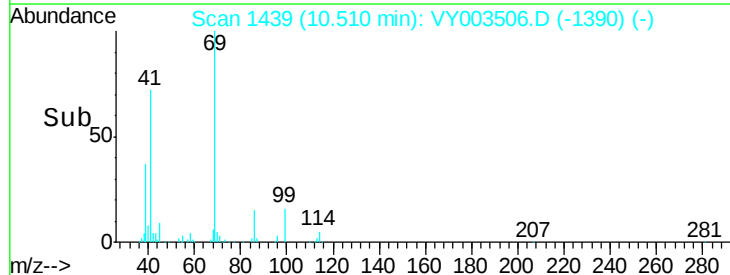
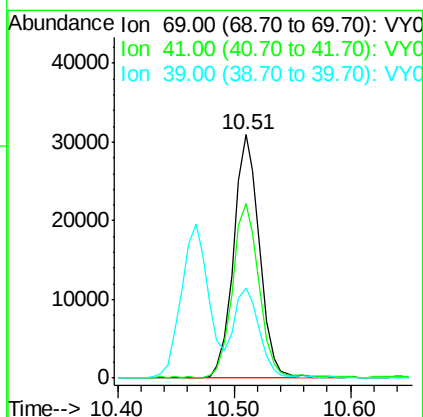
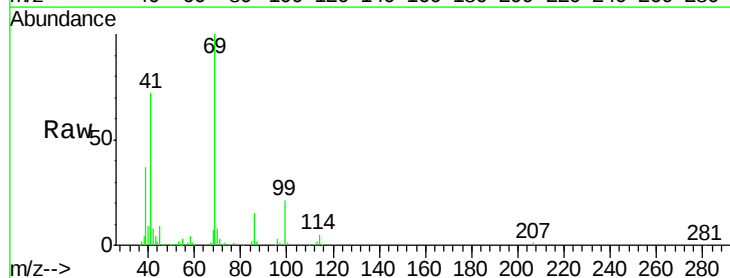
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1104SBS01

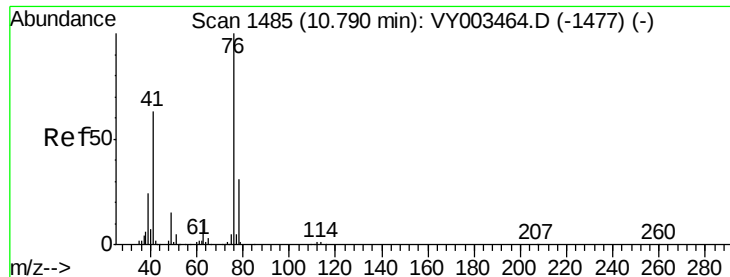
Tot Ion:	97	Resp:	36565
Ion	Ratio	Lower	Upper
97	100		
83	80.9	68.6	102.8
85	53.9	43.8	65.6
99	61.4	49.9	74.9



#56
 Ethyl methacrylate
 Concen: 20.781 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY003506.D
 Acq: 04 Nov 2020 12:02

Tgt Ion:	69	Resp:	47858
Ion	Ratio	Lower	Upper
69	100		
41	72.3	55.4	83.2
39	35.8	28.7	43.1





#57

1,3-Dichloropropane

Concen: 21.522 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY003506.D

Acq: 04 Nov 2020 12:02

Instrument :

MSVOA_Y

ClientSampleId :

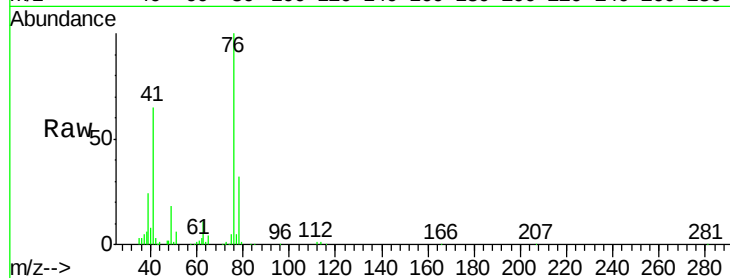
VY1104SBS01

Tot Ion: 76 Resp: 64342

Ion Ratio Lower Upper

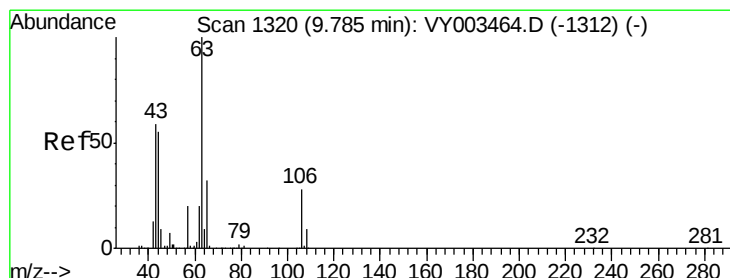
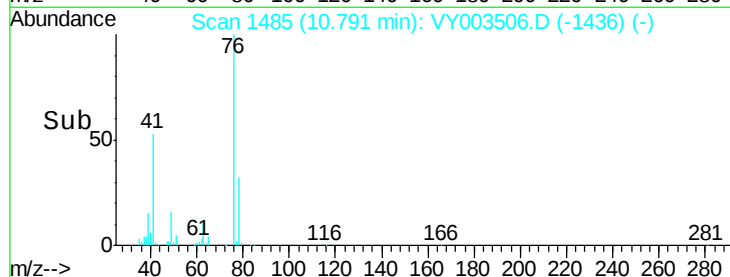
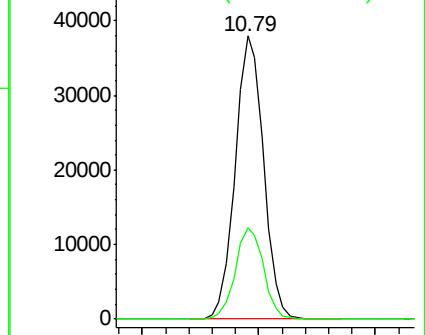
76 100

78 32.2 25.8 38.8



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: 102.871 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY003506.D

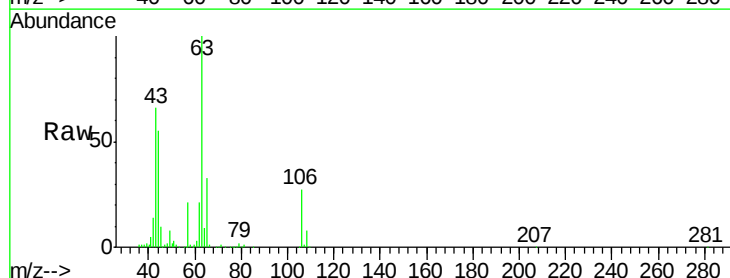
Acq: 04 Nov 2020 12:02

Tgt Ion: 63 Resp: 120096

Ion Ratio Lower Upper

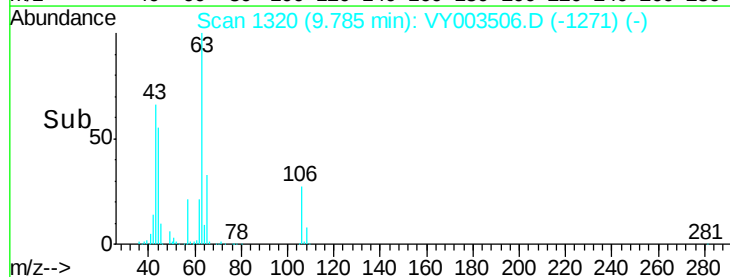
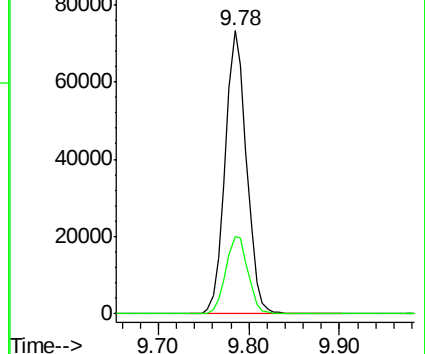
63 100

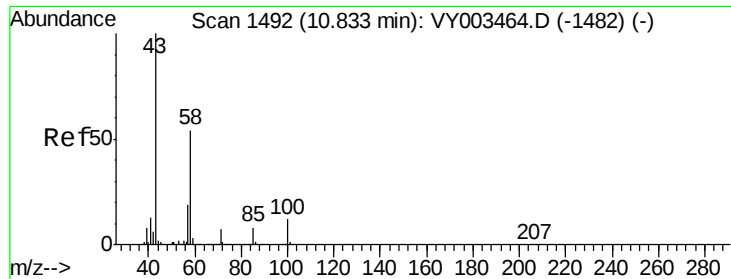
106 28.5 22.3 33.5



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

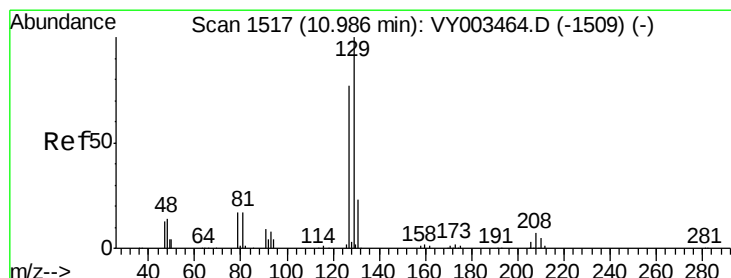
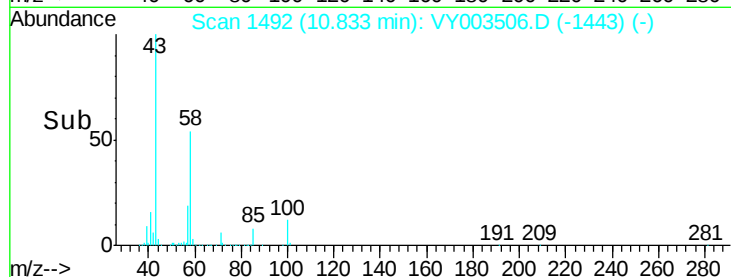
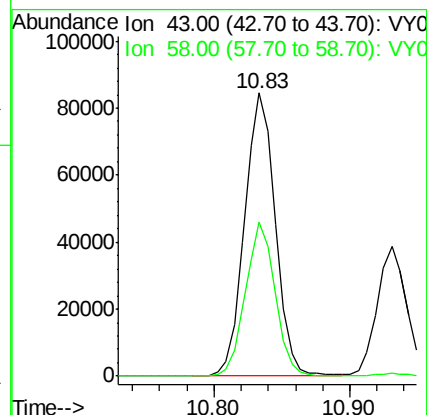
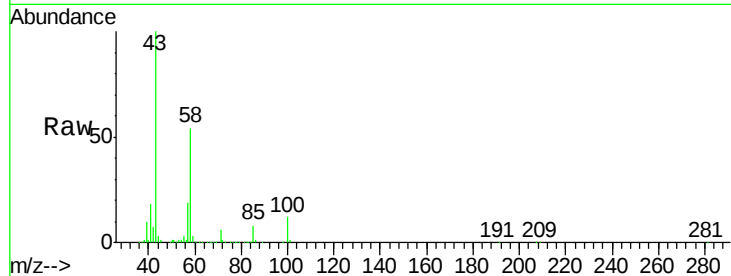




#59
2-Hexanone
Concen: 96.814 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY003506.D
Acq: 04 Nov 2020 12:02

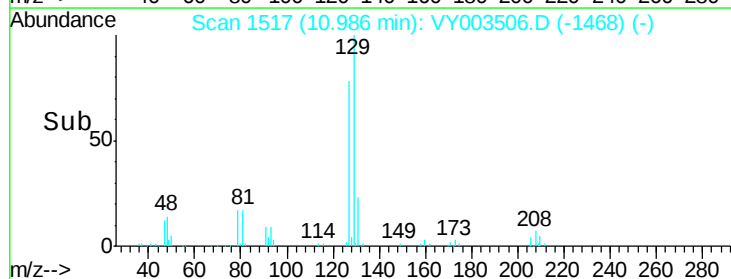
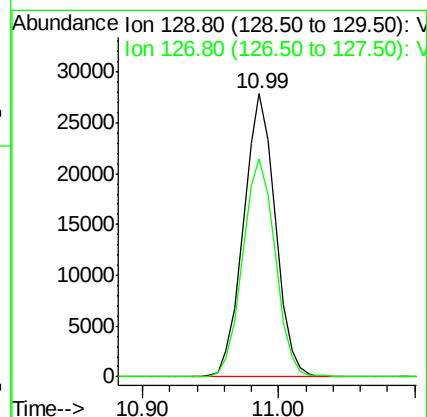
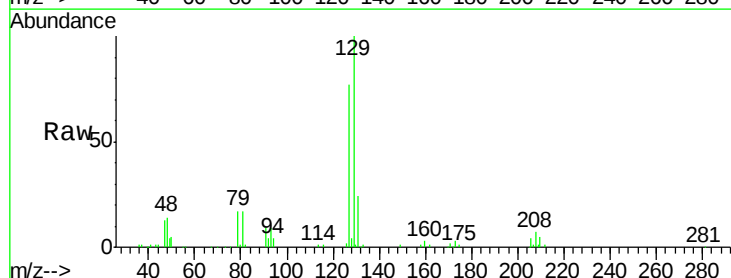
Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS01

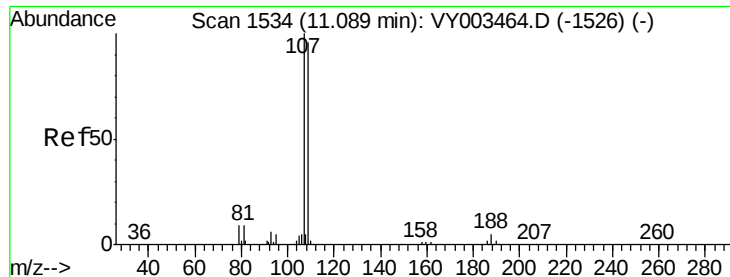
Tot Ion: 43 Resp: 133512
Ion Ratio Lower Upper
43 100
58 52.5 26.8 80.3



#60
Dibromochloromethane
Concen: 21.565 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY003506.D
Acq: 04 Nov 2020 12:02

Tgt Ion: 129 Resp: 45570
Ion Ratio Lower Upper
129 100
127 78.8 38.8 116.3

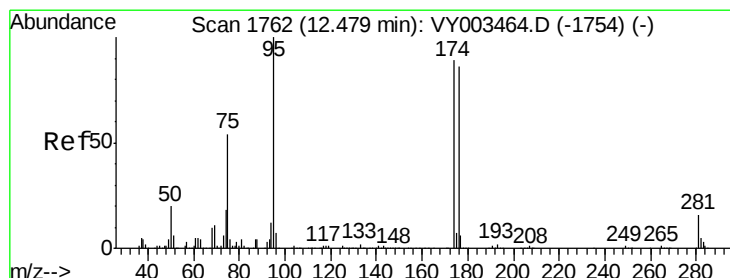
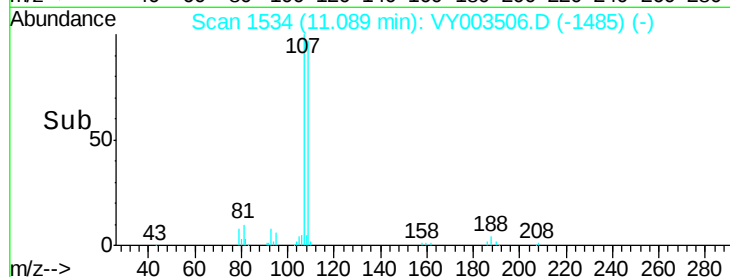
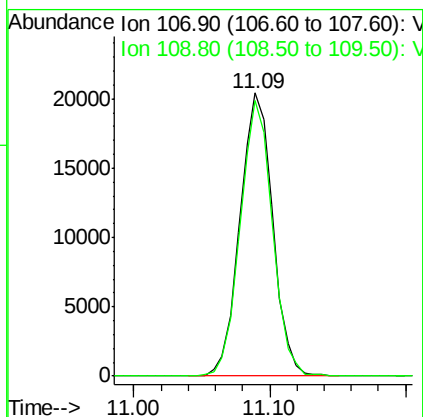
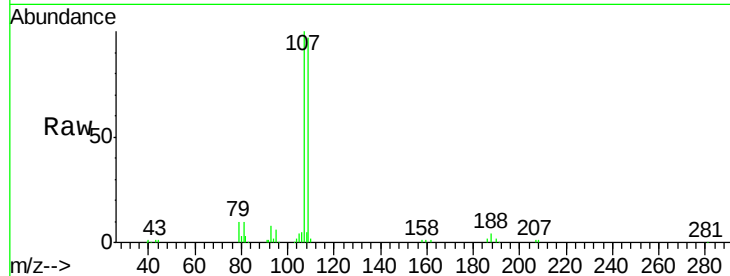




#61
 1,2-Dibromoethane
 Concen: 20.690 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY003506.D
 Acq: 04 Nov 2020 12:02

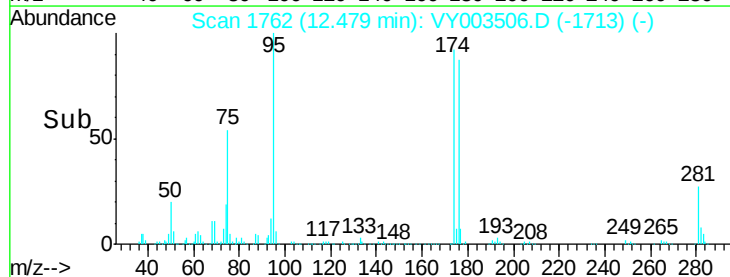
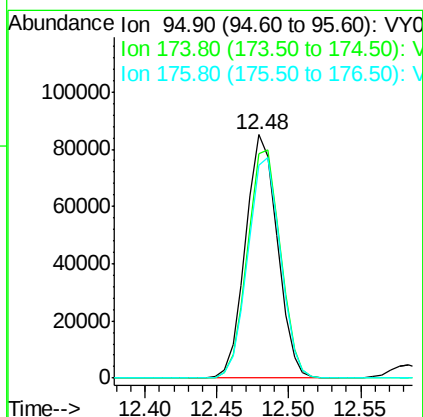
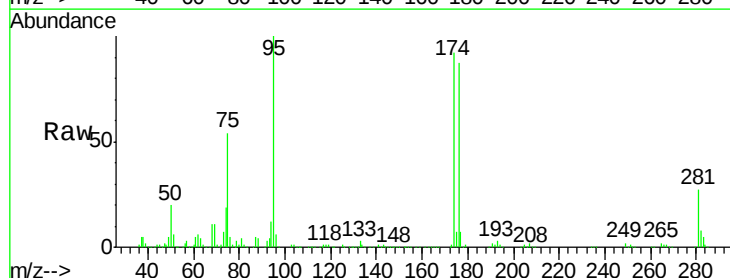
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1104SBS01

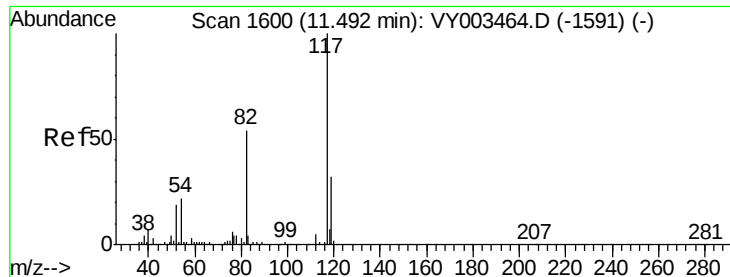
Tot Ion:107 Resp: 34342
 Ion Ratio Lower Upper
 107 100
 109 95.4 76.5 114.7



#62
 4-Bromofluorobenzene
 Concen: 46.704 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY003506.D
 Acq: 04 Nov 2020 12:02

Tgt Ion: 95 Resp: 130153
 Ion Ratio Lower Upper
 95 100
 174 96.7 0.0 193.0
 176 92.9 0.0 187.4

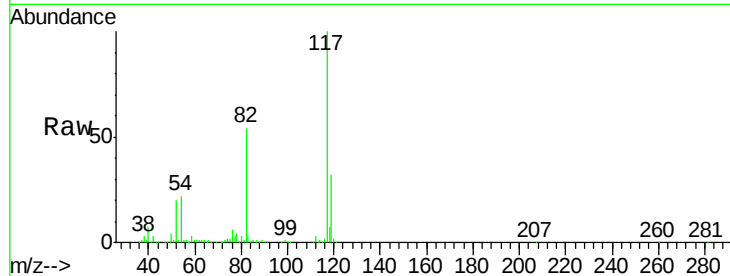




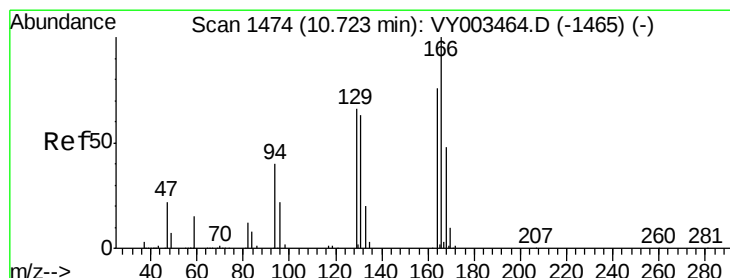
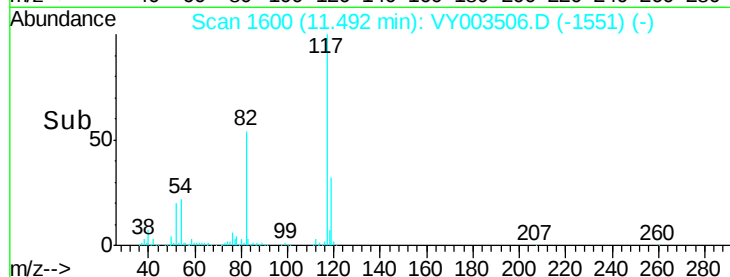
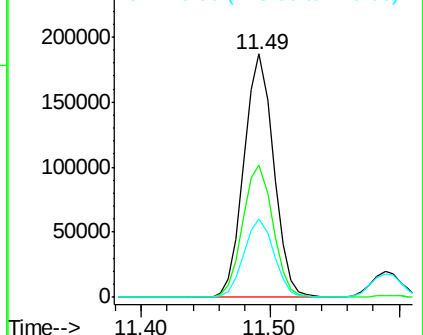
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003506.D
Acq: 04 Nov 2020 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS01

Tot Ion:117 Resp: 298974
Ion Ratio Lower Upper
117 100
82 54.3 43.4 65.2
119 32.2 25.8 38.6

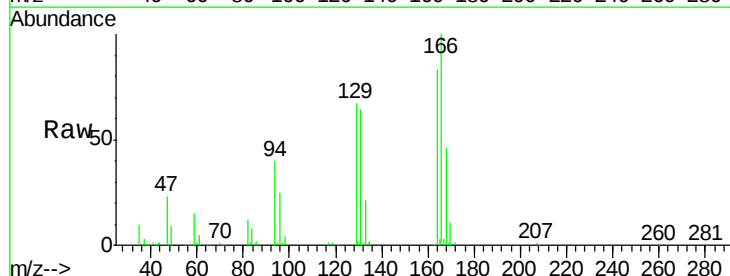


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

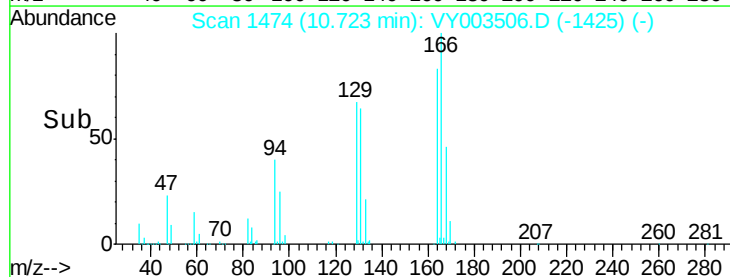
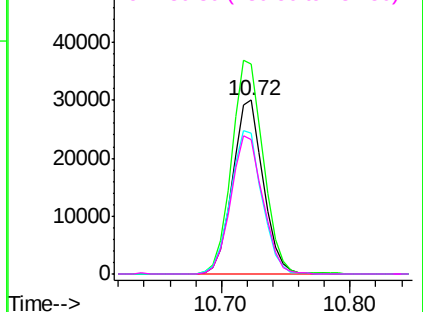


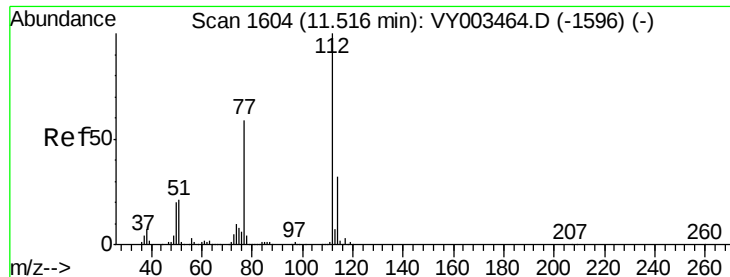
#64
Tetrachloroethene
Concen: 22.266 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VY003506.D
Acq: 04 Nov 2020 12:02

Tgt Ion:164 Resp: 49716
Ion Ratio Lower Upper
164 100
166 121.0 104.9 157.3
129 81.2 68.9 103.3
131 77.3 66.2 99.2



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





#65

Chlorobenzene

Concen: 21.954 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VY003506.D

Acq: 04 Nov 2020 12:02

Instrument :

MSVOA_Y

ClientSampleId :

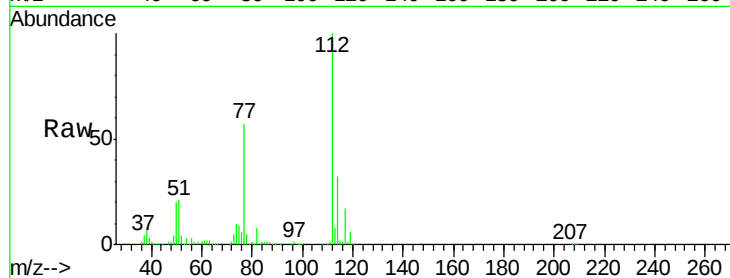
VY1104SBS01

Tot Ion:112 Resp: 127519

Ion Ratio Lower Upper

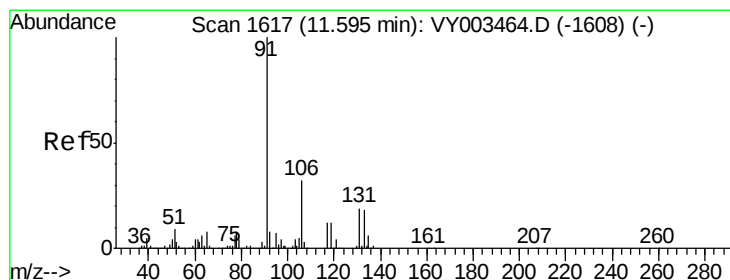
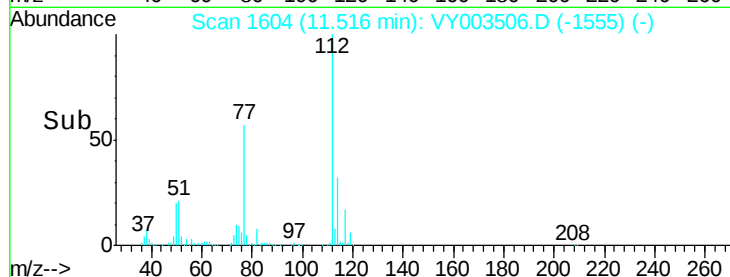
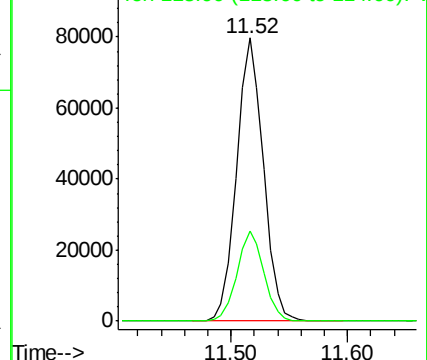
112 100

114 31.7 25.5 38.3



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 22.128 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.01 min

Lab File: VY003506.D

Acq: 04 Nov 2020 12:02

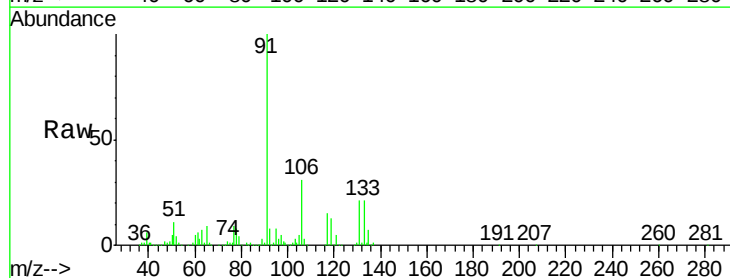
Tgt Ion:131 Resp: 48471

Ion Ratio Lower Upper

131 100

133 95.0 47.4 142.2

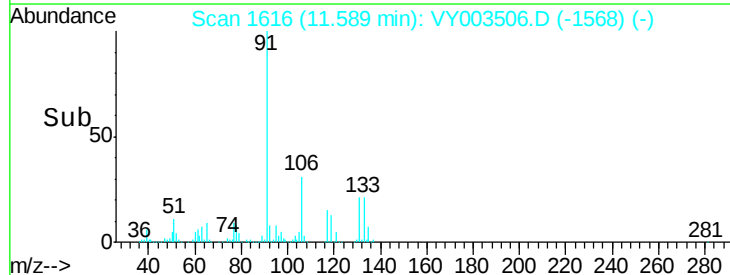
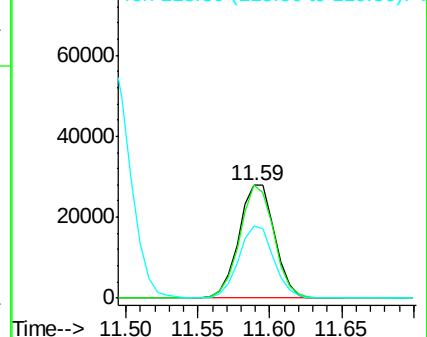
119 62.1 31.6 95.0

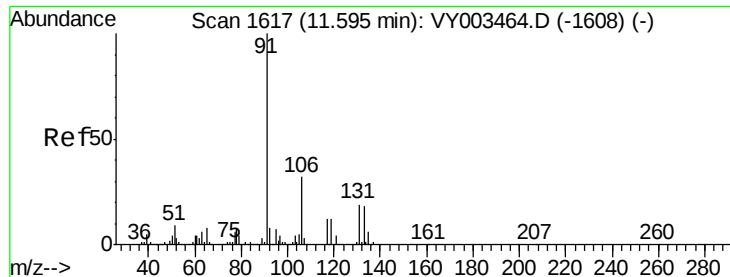


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

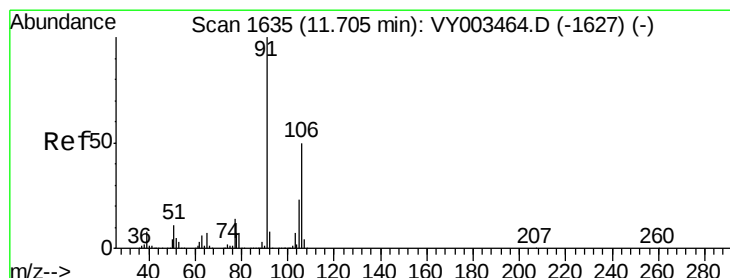
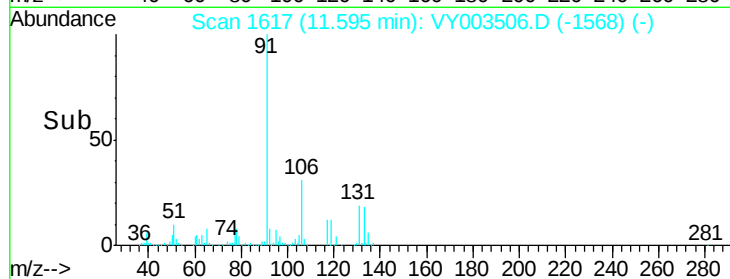
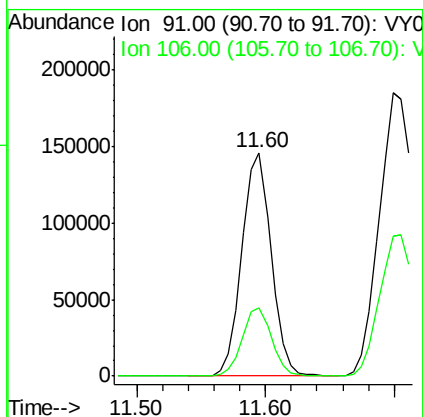
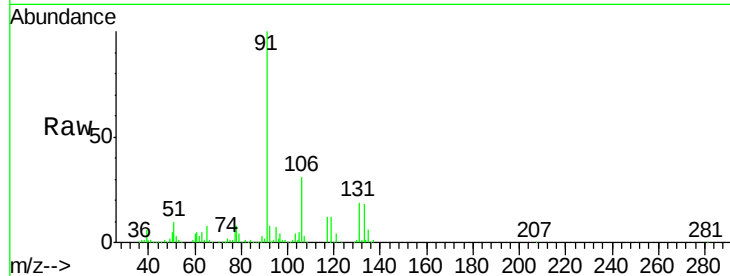




#67
Ethyl Benzene
Concen: 21.765 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.00 min
Lab File: VY003506.D
Acq: 04 Nov 2020 12:02

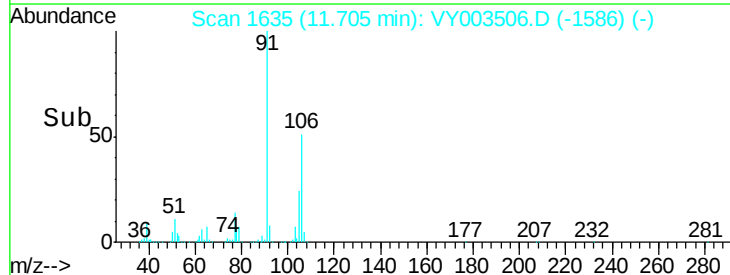
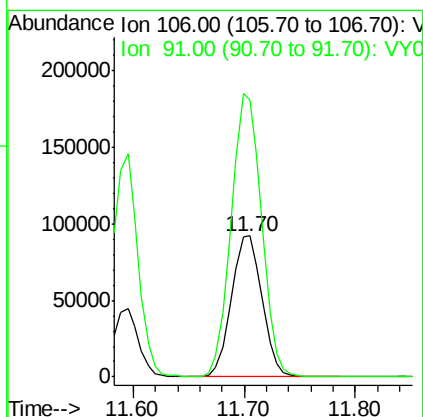
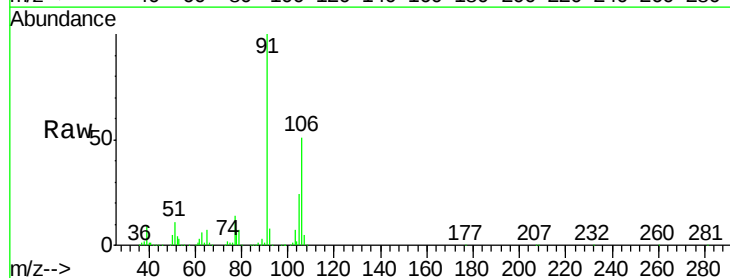
Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS01

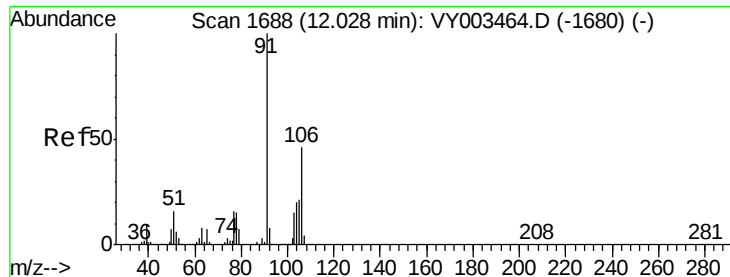
Tot Ion: 91 Resp: 229229
Ion Ratio Lower Upper
91 100
106 30.7 25.4 38.0



#68
m/p-Xylenes
Concen: 43.817 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VY003506.D
Acq: 04 Nov 2020 12:02

Tgt Ion: 106 Resp: 174884
Ion Ratio Lower Upper
106 100
91 199.8 161.0 241.6

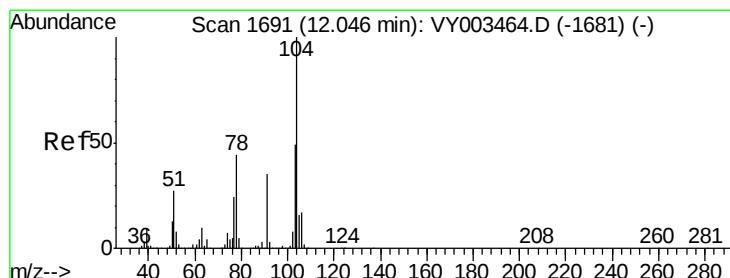
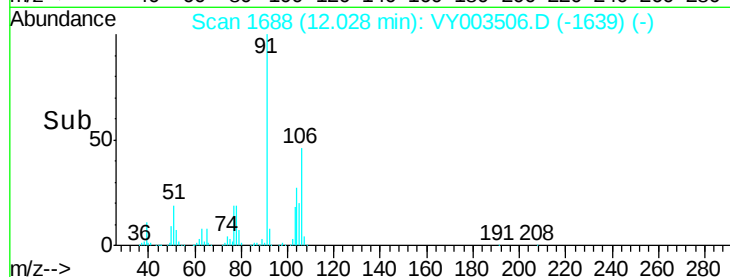
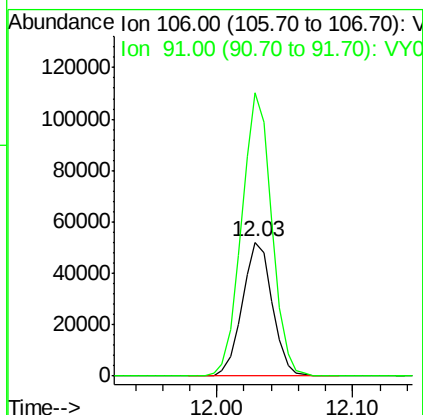
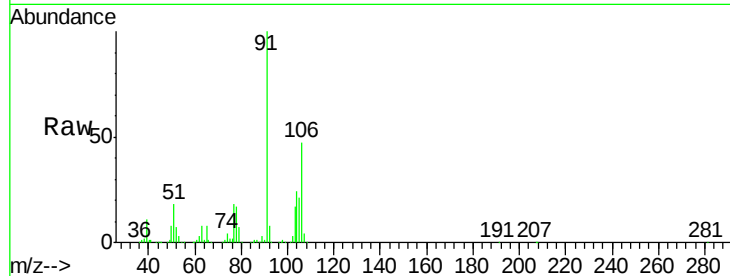




#69
o-Xylene
Concen: 21.894 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY003506.D
Acq: 04 Nov 2020 12:02

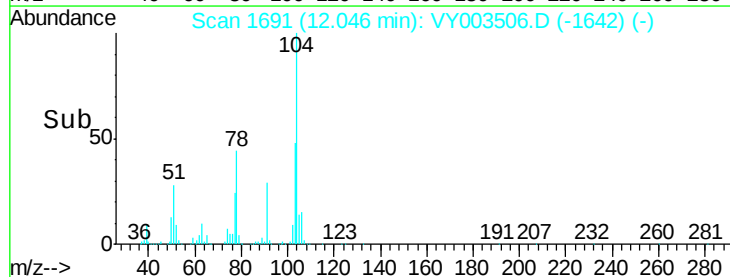
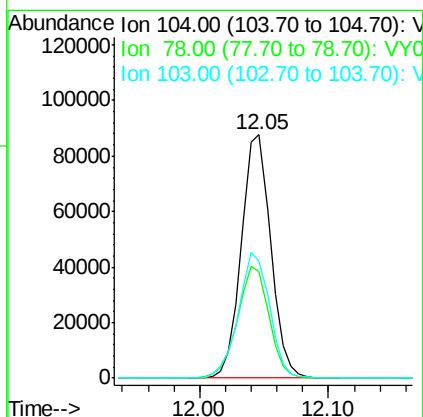
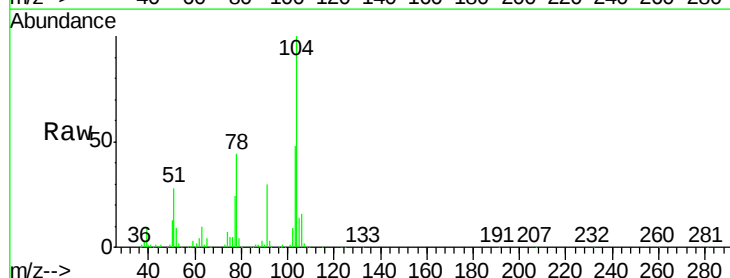
Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS01

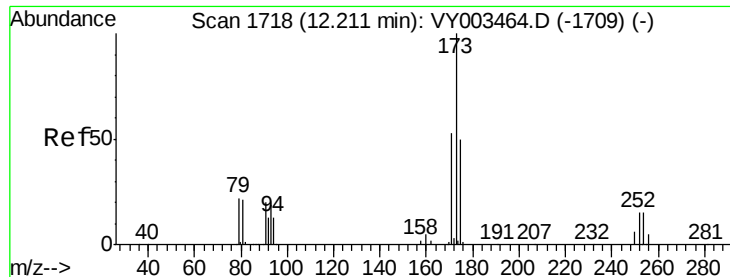
Tot Ion:106 Resp: 80382
Ion Ratio Lower Upper
106 100
91 211.5 105.5 316.5



#70
Styrene
Concen: 22.184 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VY003506.D
Acq: 04 Nov 2020 12:02

Tgt Ion:104 Resp: 138290
Ion Ratio Lower Upper
104 100
78 49.6 39.5 59.3
103 55.1 44.2 66.2





#71

Bromoform

Concen: 20.825 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.01 min

Lab File: VY003506.D

Acq: 04 Nov 2020 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VY1104SBS01

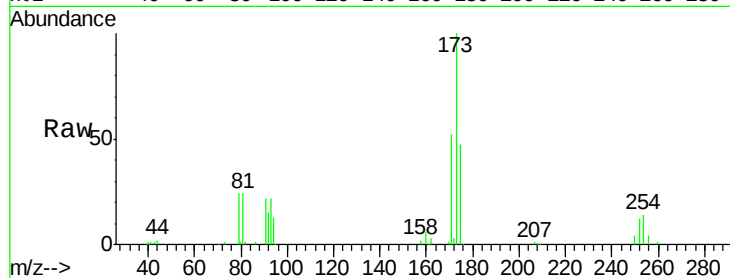
Tot Ion:173 Resp: 30406

Ion Ratio Lower Upper

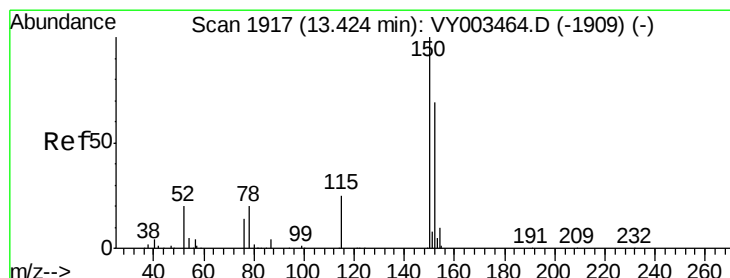
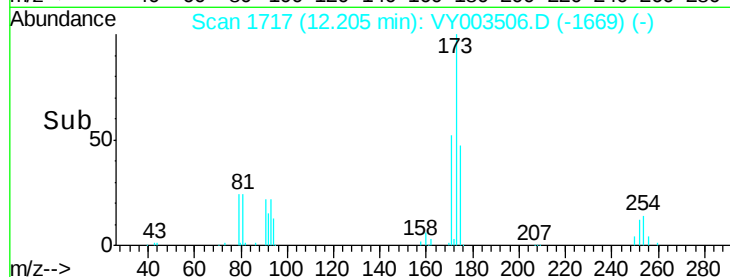
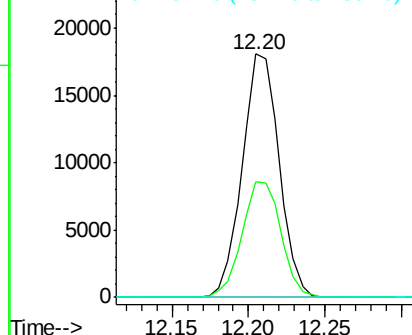
173 100

175 49.9 24.7 74.1

254 0.0 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: VY003506.D

Acq: 04 Nov 2020 12:02

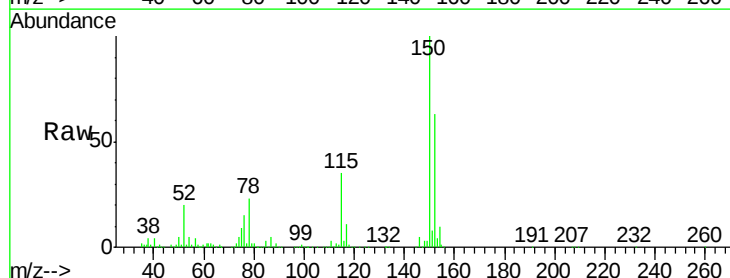
Tgt Ion:152 Resp: 161744

Ion Ratio Lower Upper

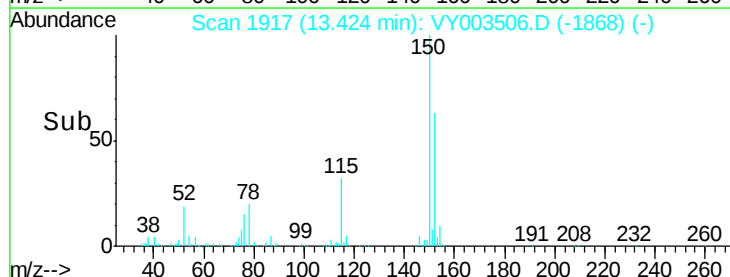
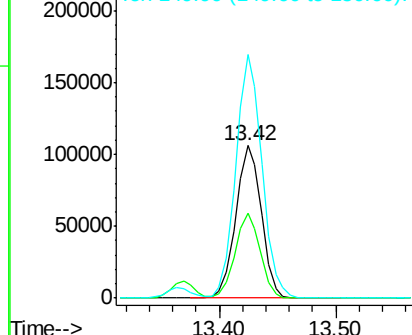
152 100

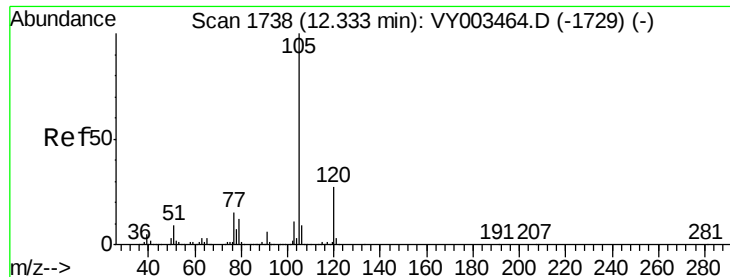
115 54.2 27.5 82.4

150 163.8 0.0 345.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.014 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.01 min

Lab File: VY003506.D

Acq: 04 Nov 2020 12:02

Instrument :

MSVOA_Y

ClientSampleId :

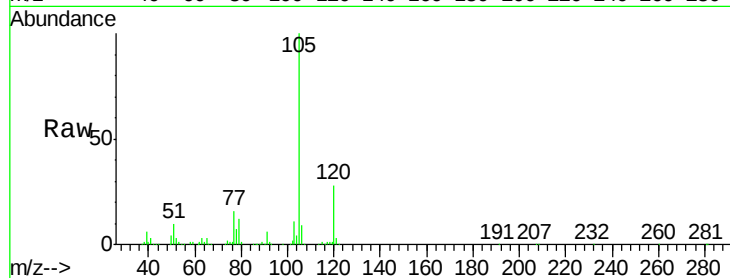
VY1104SBS01

Tot Ion: 105 Resp: 222026

Ion Ratio Lower Upper

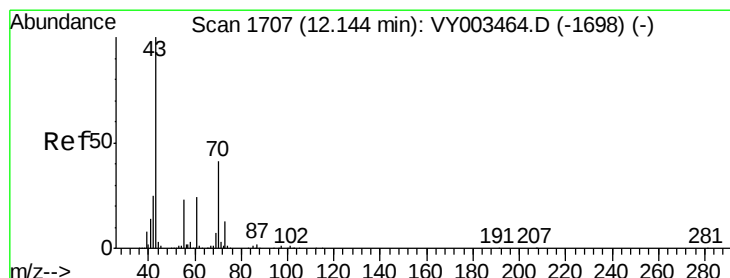
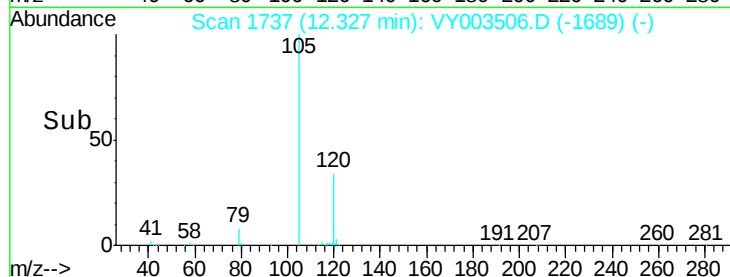
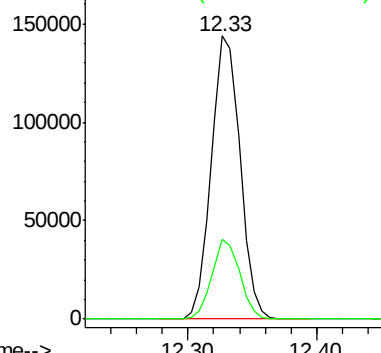
105 100

120 27.2 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.136 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY003506.D

Acq: 04 Nov 2020 12:02

Tgt Ion: 43 Resp: 60264

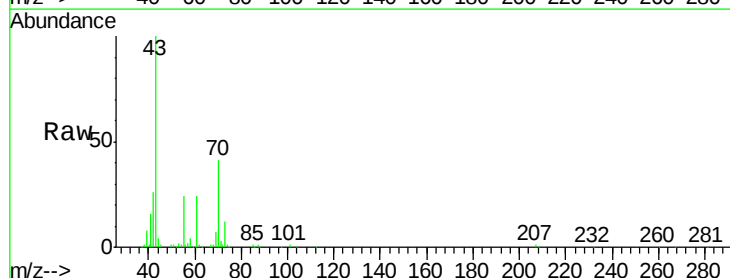
Ion Ratio Lower Upper

43 100

70 41.4 33.1 49.7

55 24.6 19.2 28.8

61 23.7 19.0 28.6

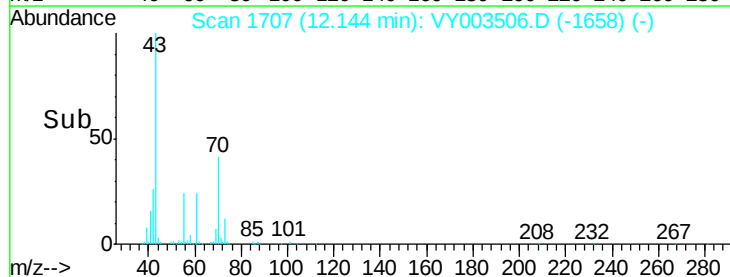
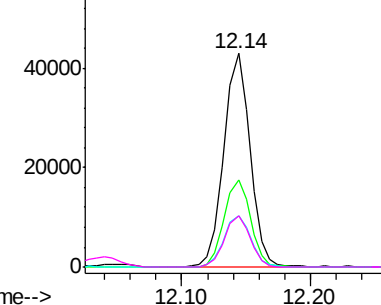


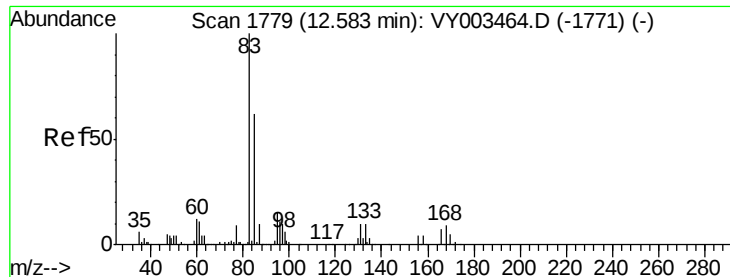
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.231 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY003506.D

Acq: 04 Nov 2020 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VY1104SBS01

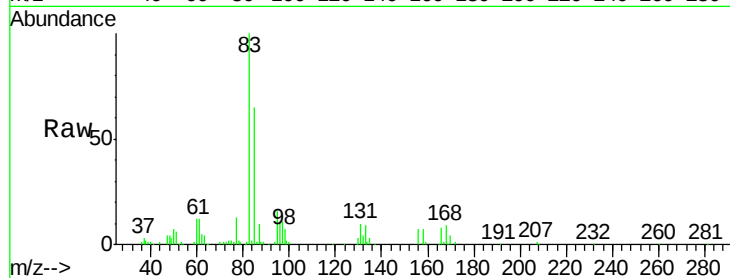
Tot Ion: 83 Resp: 45658

Ion Ratio Lower Upper

83 100

131 10.7 5.4 16.2

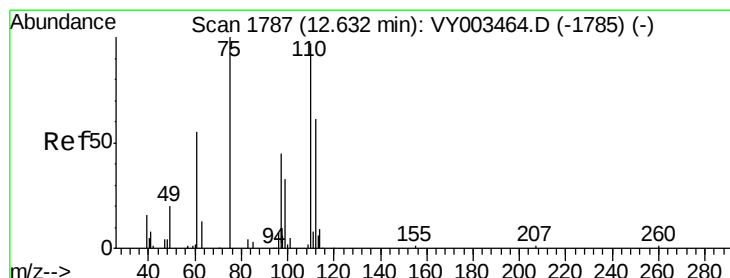
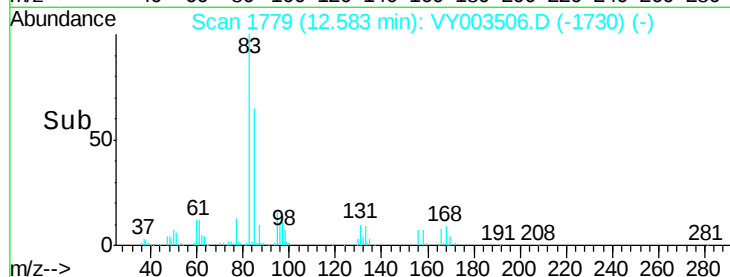
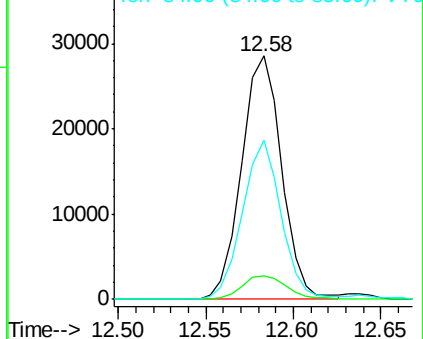
85 63.5 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 34.788 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY003506.D

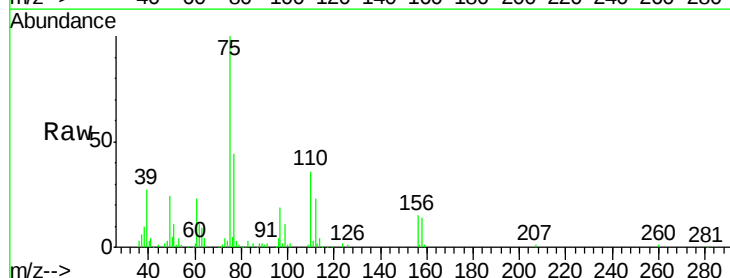
Acq: 04 Nov 2020 12:02

Tgt Ion: 75 Resp: 59535

Ion Ratio Lower Upper

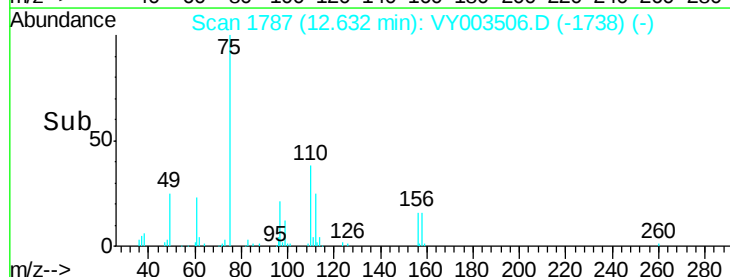
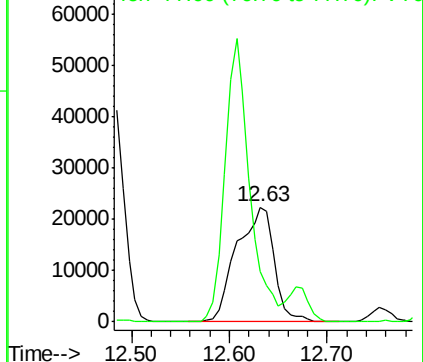
75 100

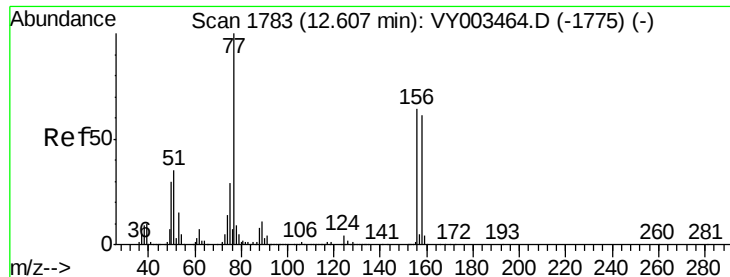
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 21.170 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY003506.D

Acq: 04 Nov 2020 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VY1104SBS01

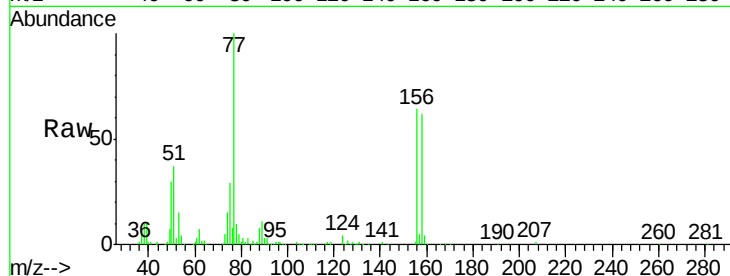
Tot Ion:156 Resp: 56830

Ion Ratio Lower Upper

156 100

77 170.1 87.0 260.9

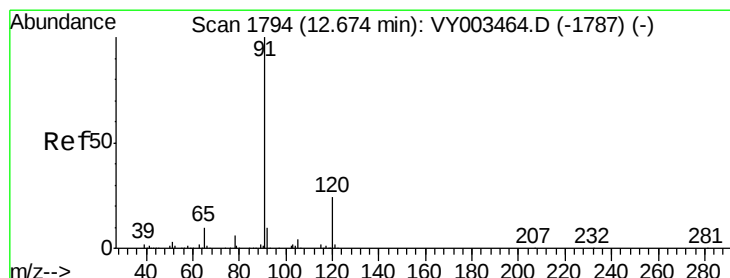
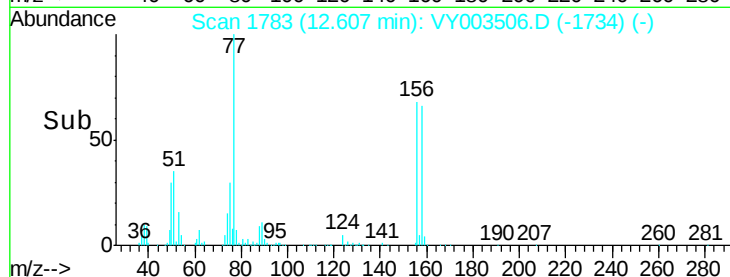
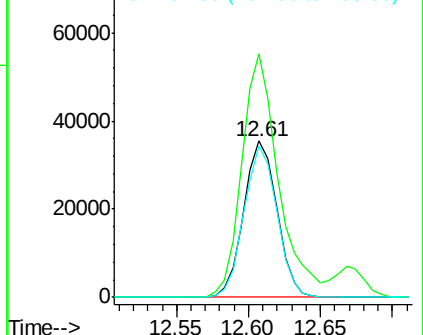
158 95.7 48.7 146.1



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.956 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.01 min

Lab File: VY003506.D

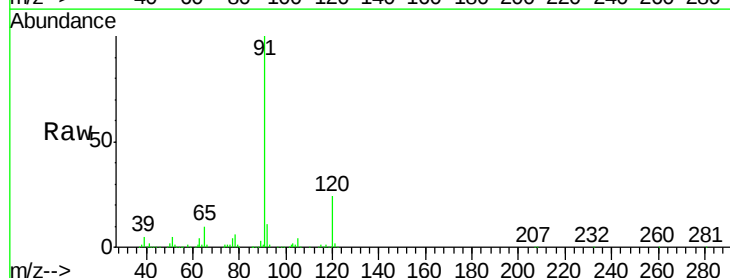
Acq: 04 Nov 2020 12:02

Tgt Ion: 91 Resp: 260798

Ion Ratio Lower Upper

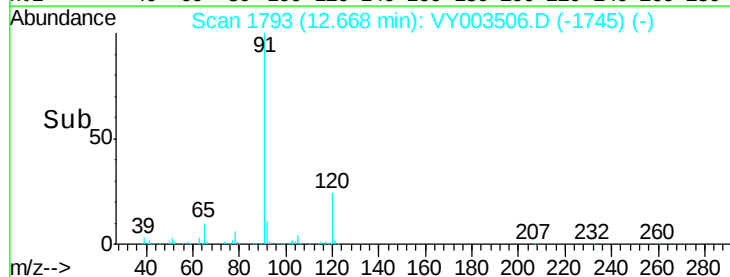
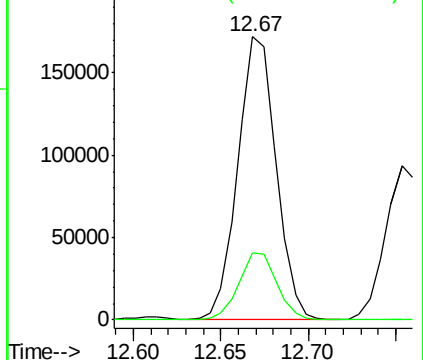
91 100

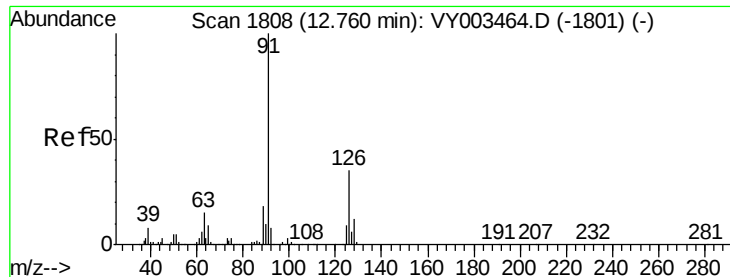
120 23.8 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.180 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.01 min

Lab File: VY003506.D

Acq: 04 Nov 2020 12:02

Instrument :

MSVOA_Y

ClientSampleId :

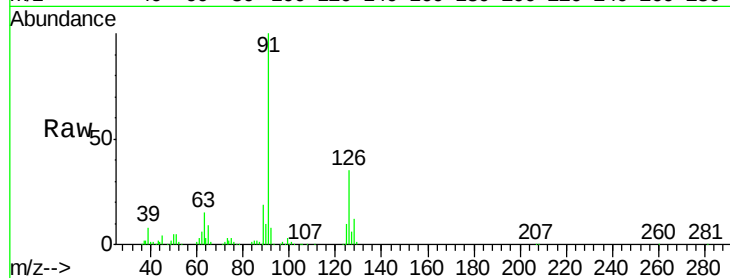
VY1104SBS01

Tot Ion: 91 Resp: 147266

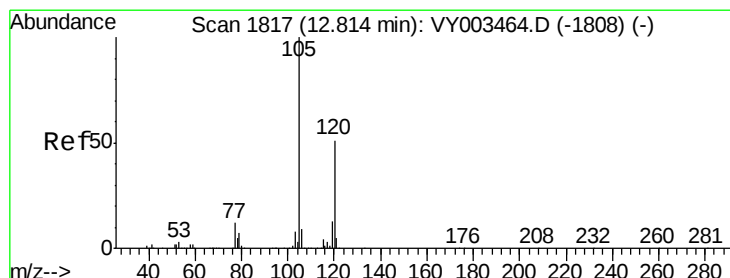
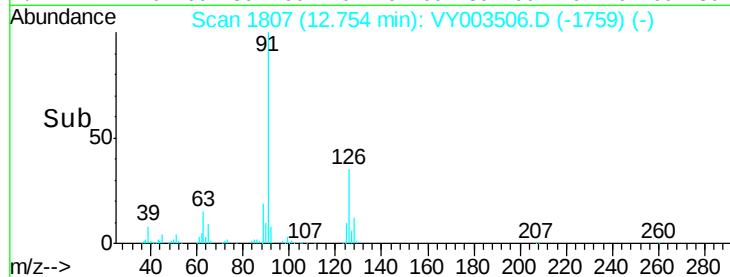
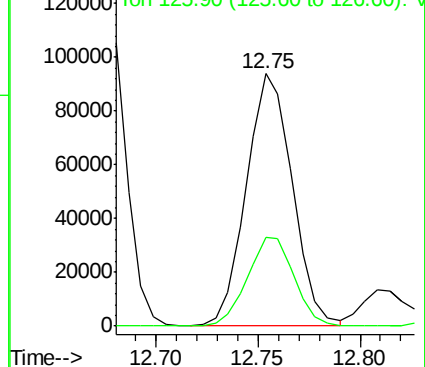
Ion Ratio Lower Upper

91 100

126 35.9 17.8 53.3



Abundance Ion 91.00 (90.70 to 91.70): VY003464.D (-1801) (-)



#80

1,3,5-Trimethylbenzene

Concen: 21.471 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.01 min

Lab File: VY003506.D

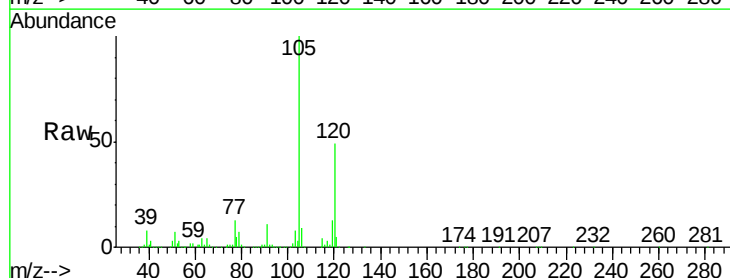
Acq: 04 Nov 2020 12:02

Tgt Ion: 105 Resp: 187961

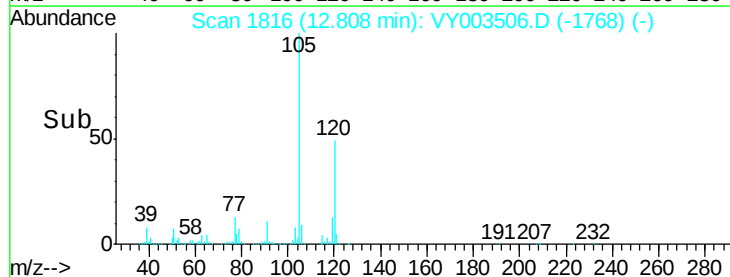
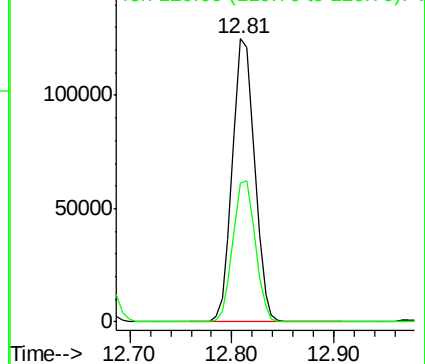
Ion Ratio Lower Upper

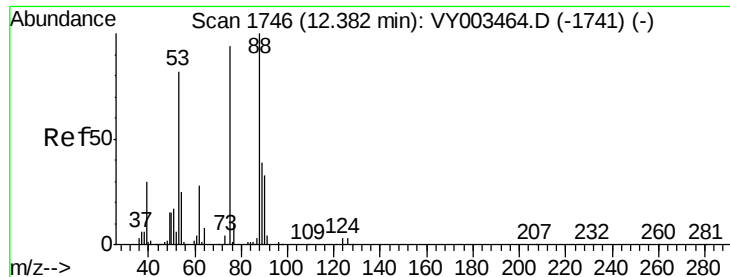
105 100

120 50.3 25.3 75.9



Abundance Ion 105.00 (104.70 to 105.70): VY003464.D (-1808) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 19.172 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.01 min

Lab File: VY003506.D

Acq: 04 Nov 2020 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VY1104SBS01

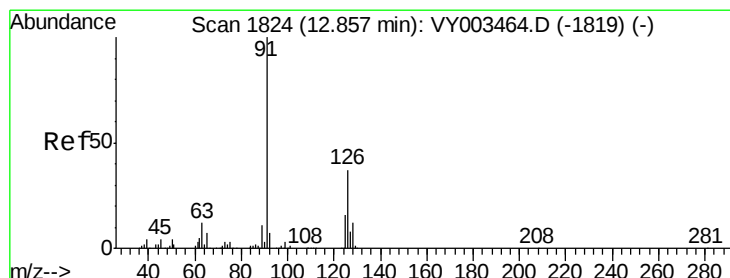
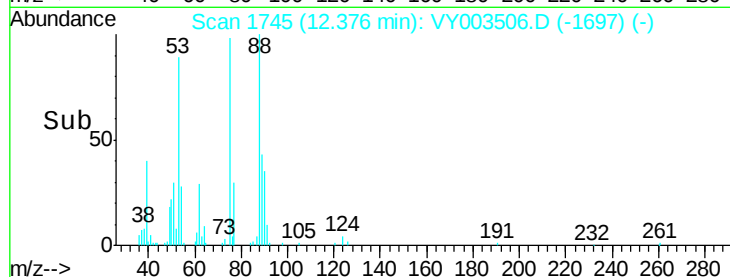
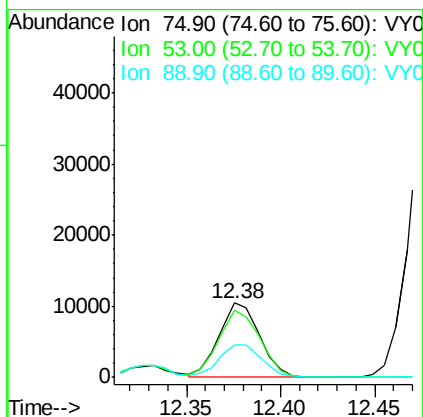
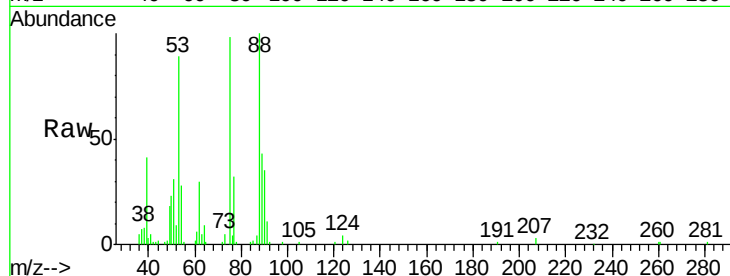
Tot Ion: 75 Resp: 15720

Ion Ratio Lower Upper

75 100

53 92.7 74.7 112.1

89 46.4 35.8 53.8



#82

4-Chlorotoluene

Concen: 21.234 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.01 min

Lab File: VY003506.D

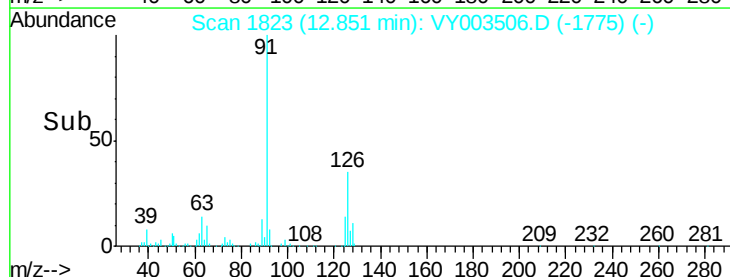
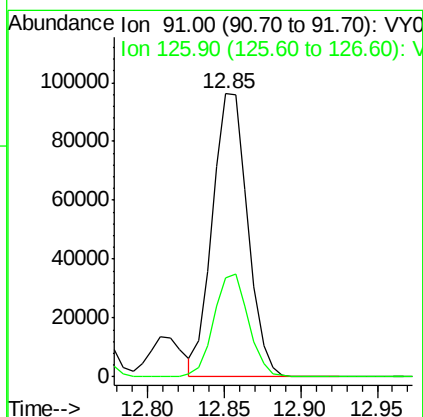
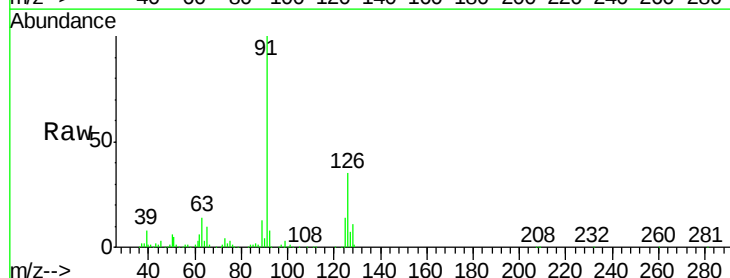
Acq: 04 Nov 2020 12:02

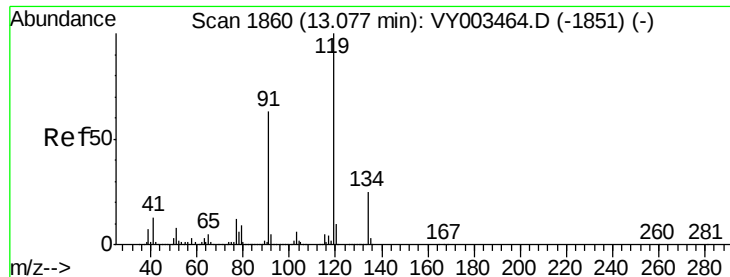
Tgt Ion: 91 Resp: 154290

Ion Ratio Lower Upper

91 100

126 35.6 17.6 52.8

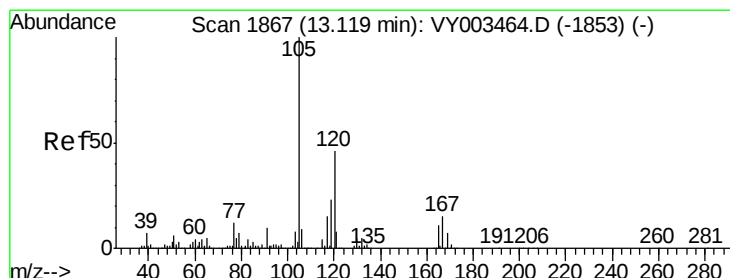
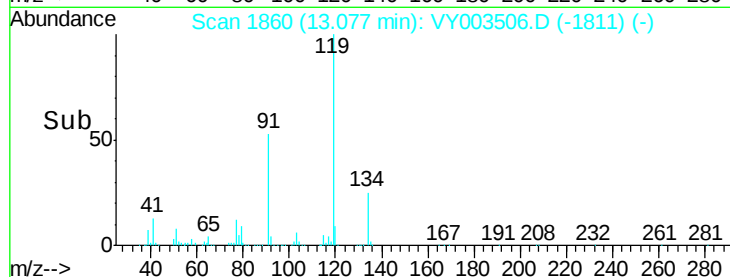
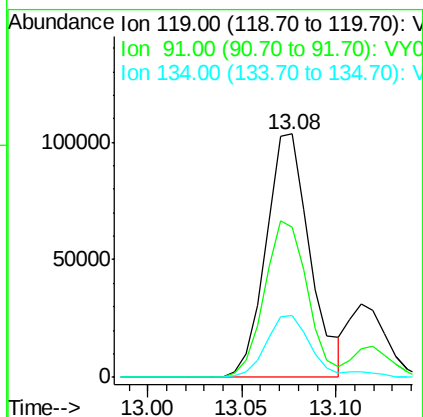
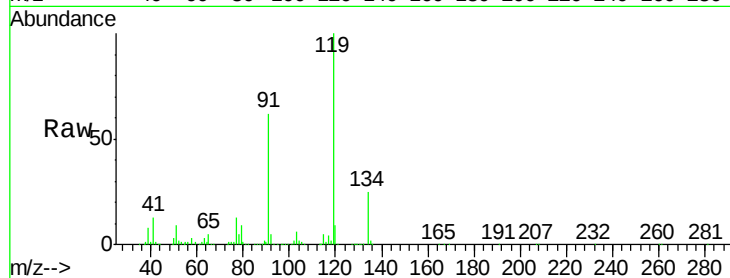




#83
tert-Butylbenzene
Concen: 21.618 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VY003506.D
Acq: 04 Nov 2020 12:02

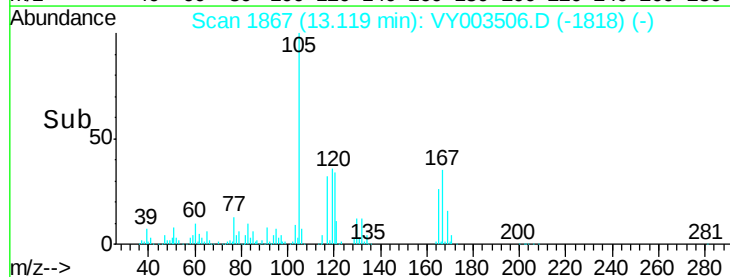
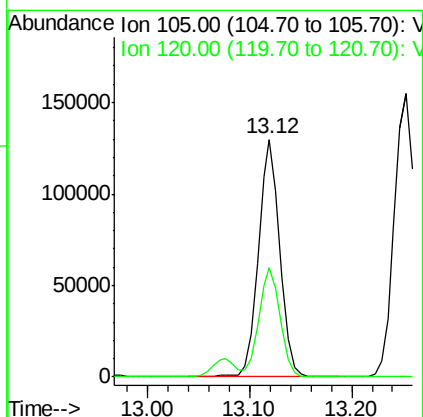
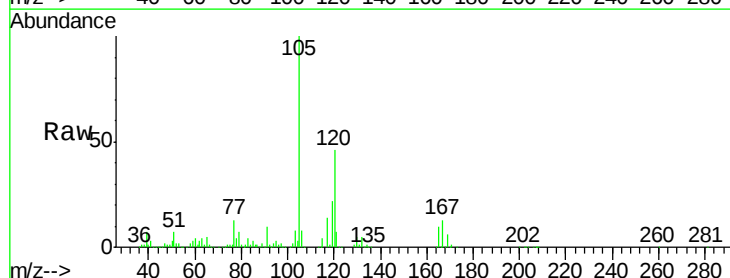
Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS01

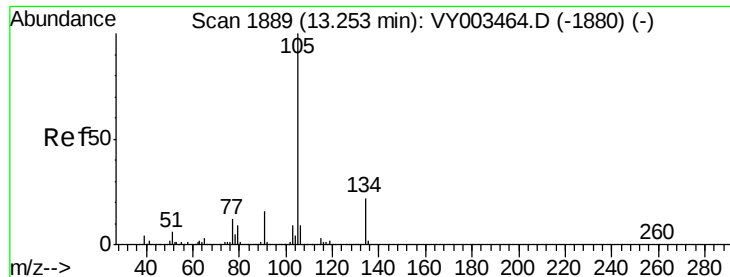
Tot Ion:119 Resp: 167841
Ion Ratio Lower Upper
119 100
91 62.6 31.1 93.2
134 26.8 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 21.718 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY003506.D
Acq: 04 Nov 2020 12:02

Tgt Ion:105 Resp: 190011
Ion Ratio Lower Upper
105 100
120 46.1 22.9 68.8





#85

sec-Butylbenzene

Concen: 21.463 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY003506.D

Acq: 04 Nov 2020 12:02

Instrument :

MSVOA_Y

ClientSampleId :

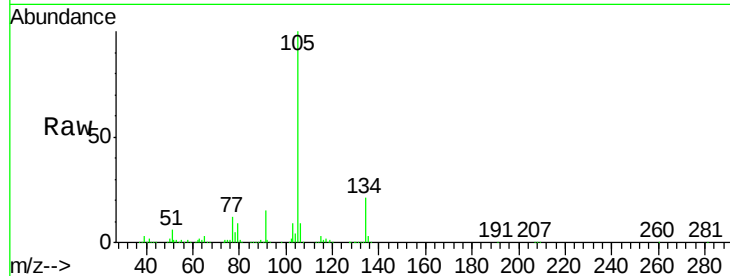
VY1104SBS01

Tot Ion:105 Resp: 225635

Ion Ratio Lower Upper

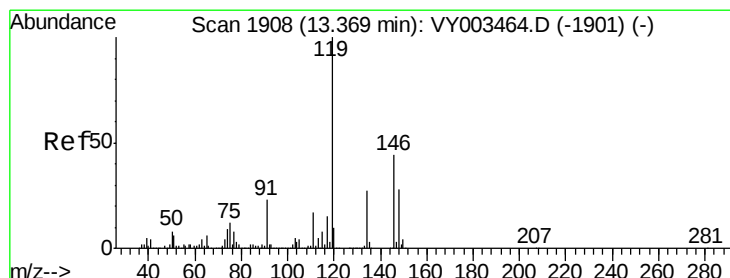
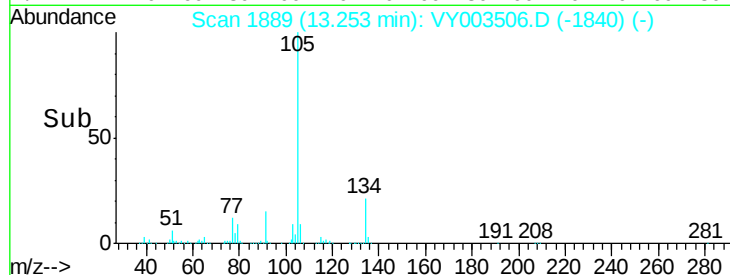
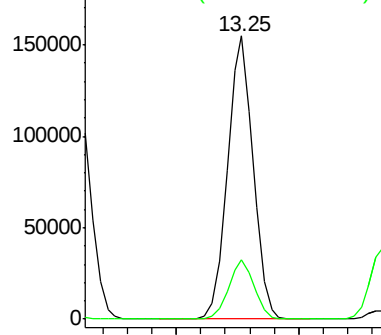
105 100

134 20.8 10.6 31.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.406 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY003506.D

Acq: 04 Nov 2020 12:02

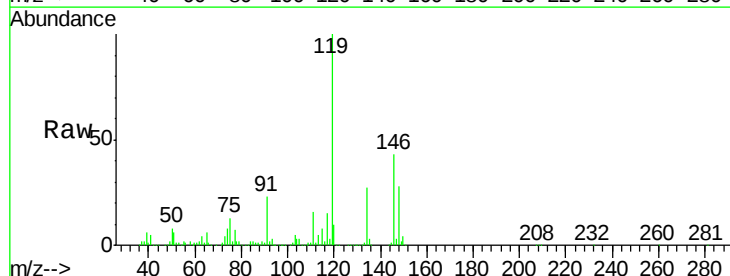
Tgt Ion:119 Resp: 208704

Ion Ratio Lower Upper

119 100

134 26.8 13.6 40.7

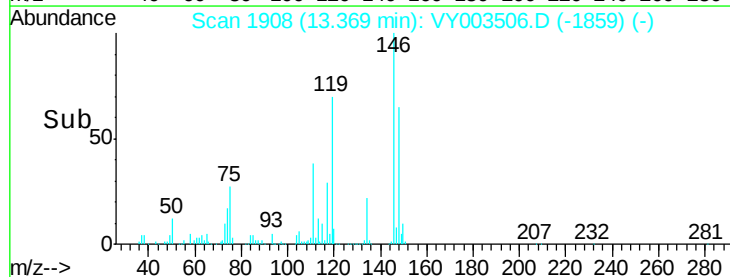
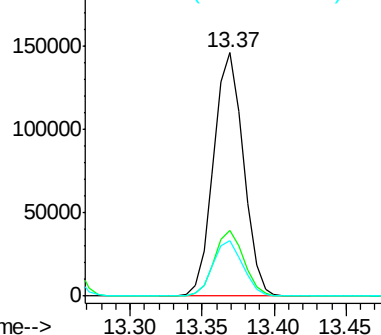
91 22.9 11.4 34.2

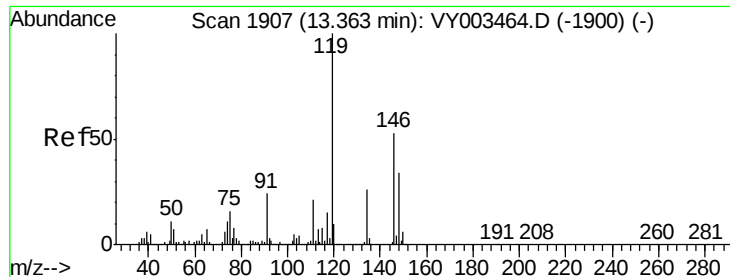


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

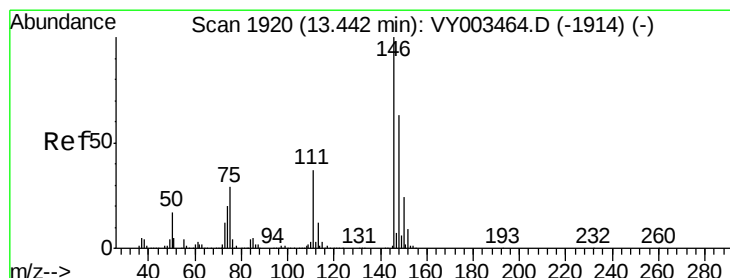
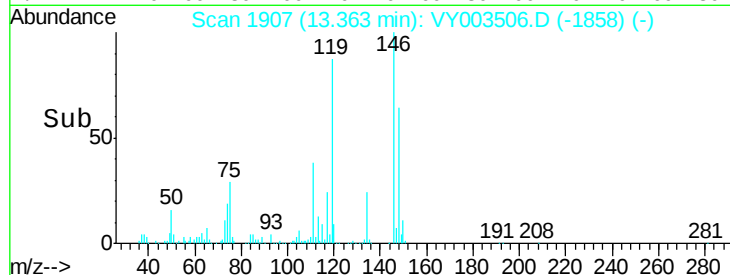
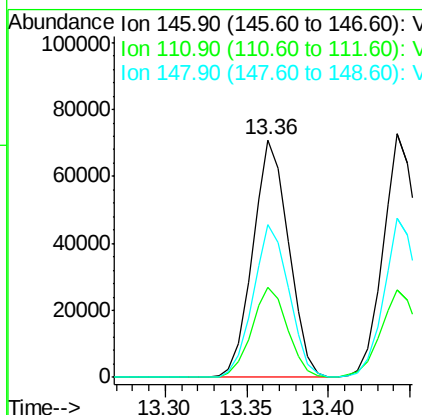
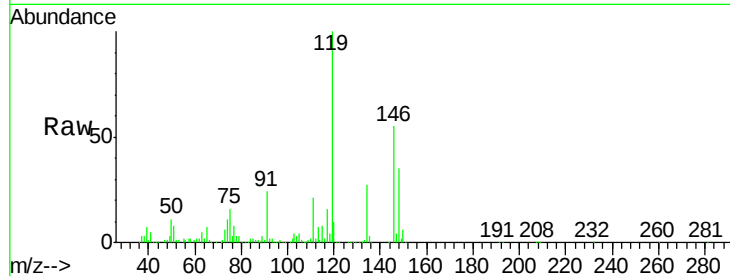




#87
 1,3-Dichlorobenzene
 Concen: 21.679 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY003506.D
 Acq: 04 Nov 2020 12:02

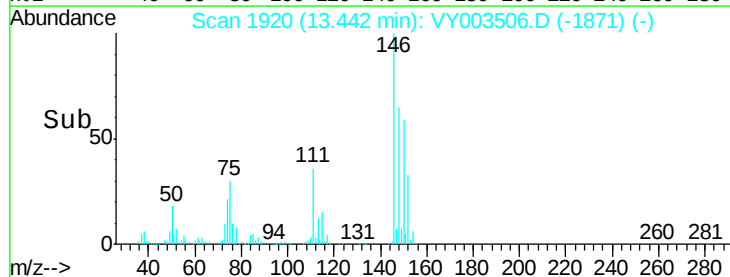
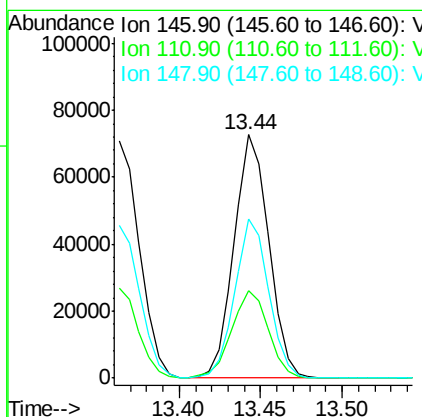
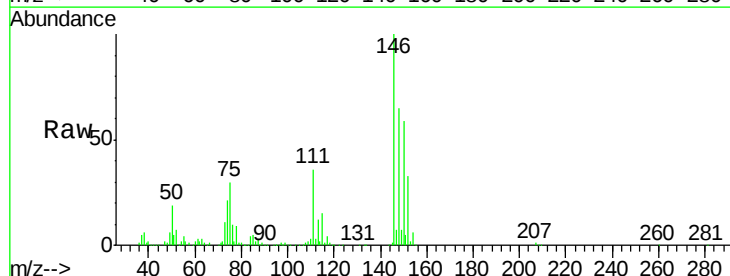
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1104SBS01

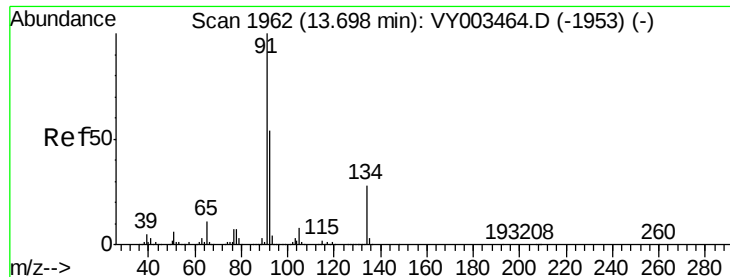
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	19.1	57.1
148	64.1	32.4	97.0



#88
 1,4-Dichlorobenzene
 Concen: 21.810 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY003506.D
 Acq: 04 Nov 2020 12:02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.3	54.8
148	63.6	32.0	96.0





#89

n-Butylbenzene

Concen: 21.377 ug/l

RT: 13.69 min Scan# 1961

Delta R.T. -0.01 min

Lab File: VY003506.D

Acq: 04 Nov 2020 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VY1104SBS01

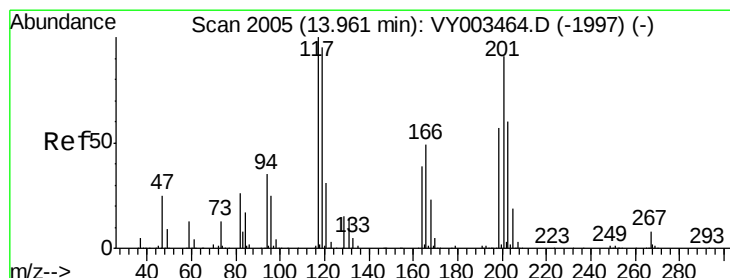
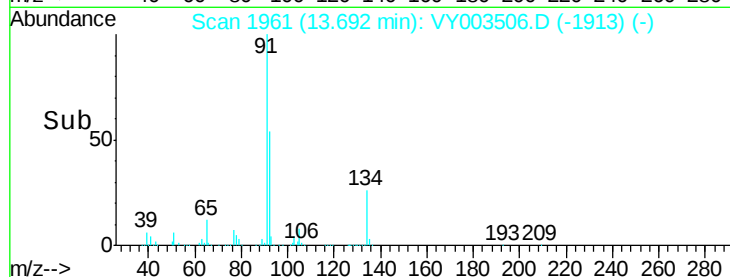
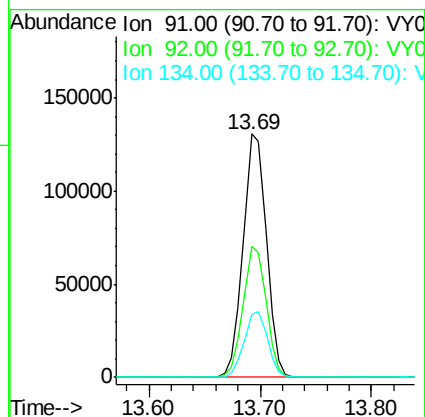
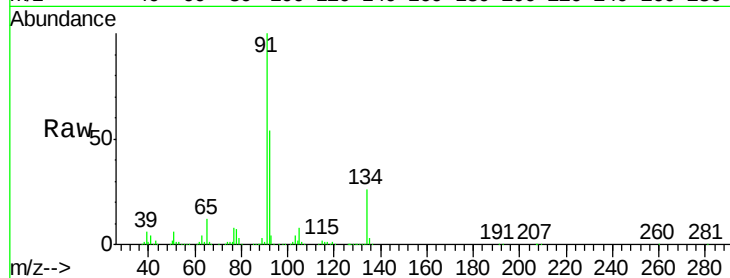
Tot Ion: 91 Resp: 190361

Ion Ratio Lower Upper

91 100

92 53.5 26.7 80.1

134 27.2 13.8 41.3



#90

Hexachloroethane

Concen: 21.185 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. 0.00 min

Lab File: VY003506.D

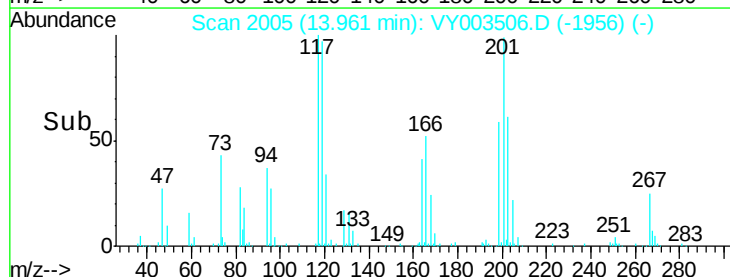
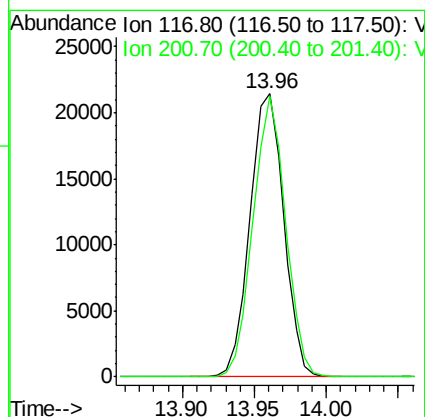
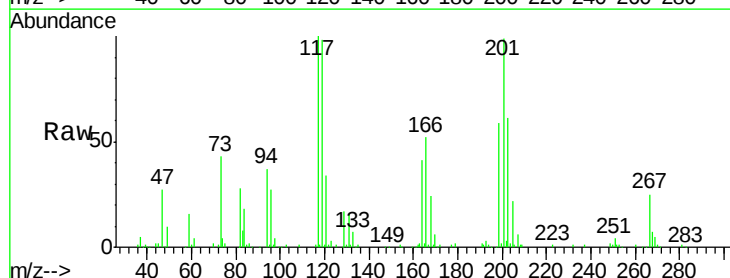
Acq: 04 Nov 2020 12:02

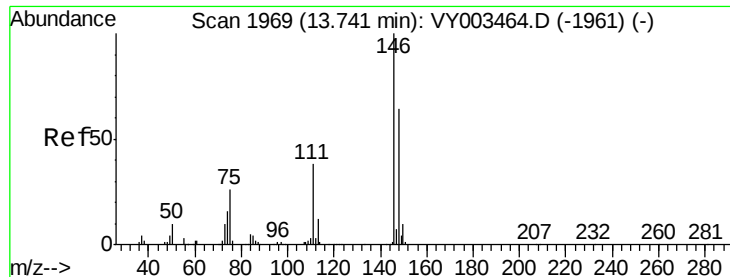
Tgt Ion: 117 Resp: 34761

Ion Ratio Lower Upper

117 100

201 95.1 46.6 139.8

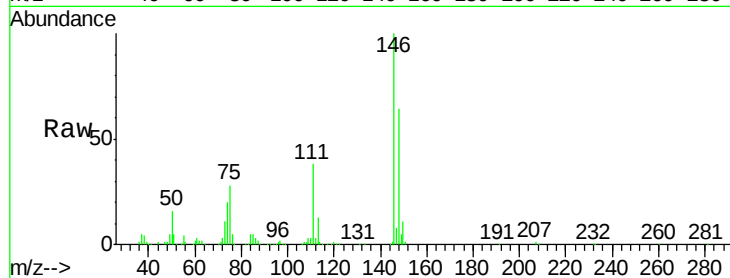




#91
 1,2-Dichlorobenzene
 Concen: 21.568 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. -0.01 min
 Lab File: VY003506.D
 Acq: 04 Nov 2020 12:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1104SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.3	57.8
148	64.9	32.3	96.8

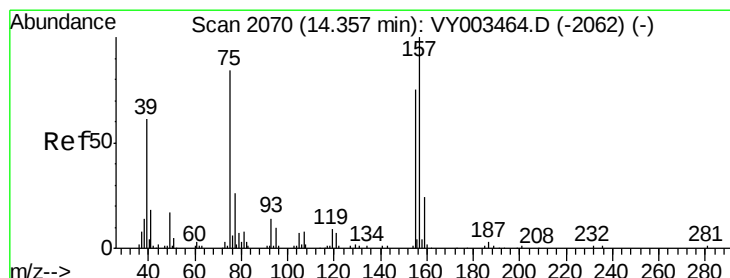
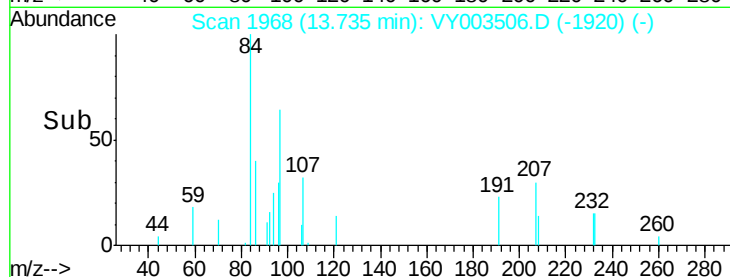
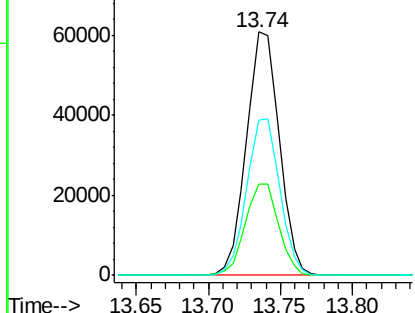


Abundance

Ion 145.90 (145.60 to 146.60): V

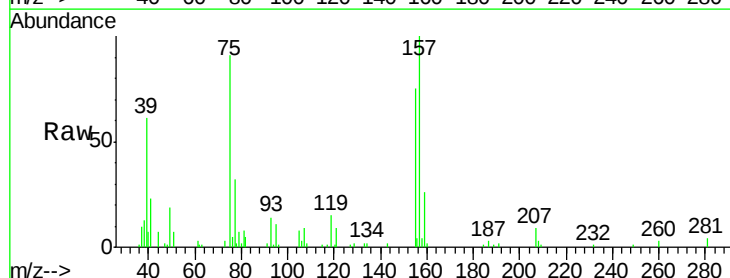
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.320 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY003506.D
 Acq: 04 Nov 2020 12:02

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.8	45.6	136.7
157	115.6	60.3	180.8

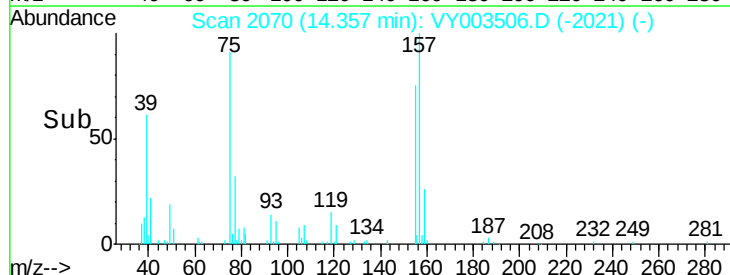
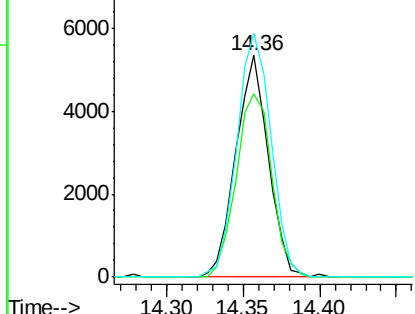


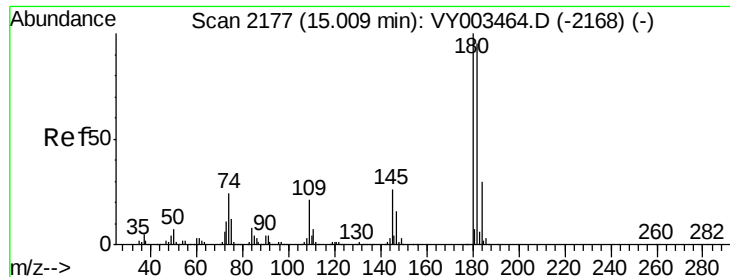
Abundance

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

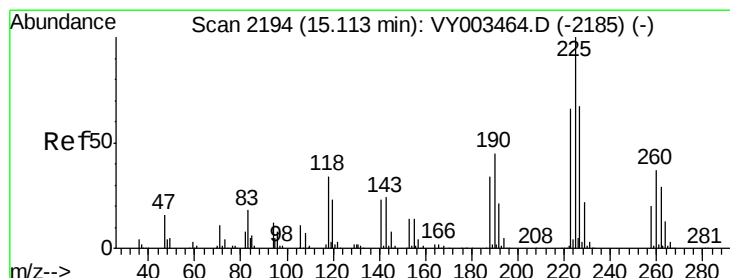
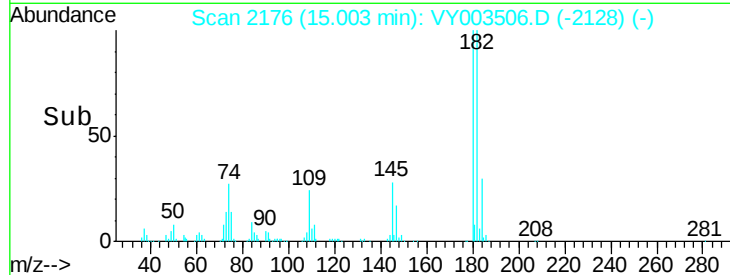
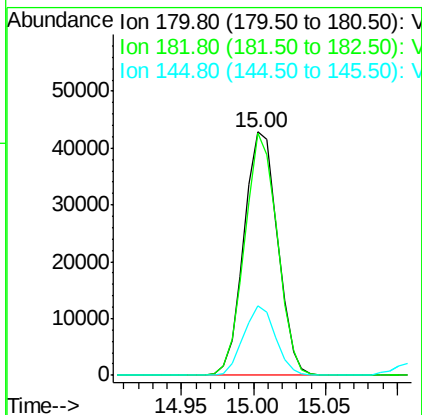
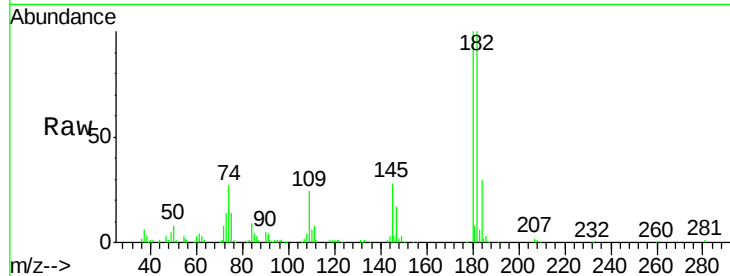




#93
 1,2,4-Trichlorobenzene
 Concen: 21.965 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.01 min
 Lab File: VY003506.D
 Acq: 04 Nov 2020 12:02

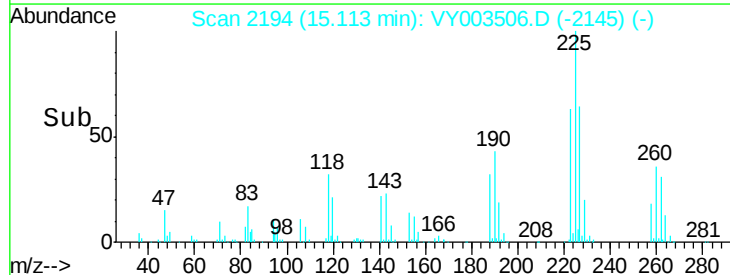
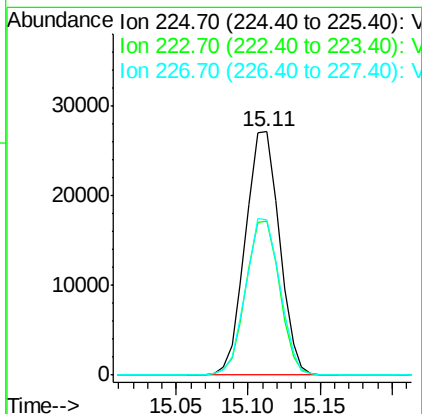
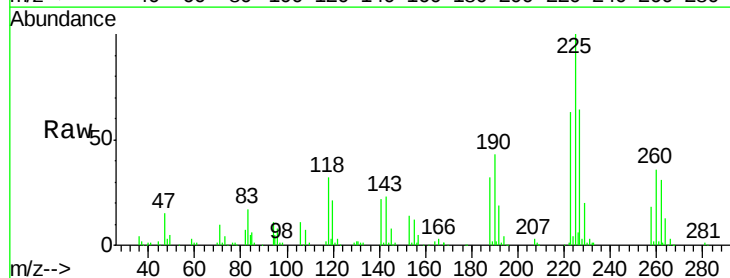
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1104SBS01

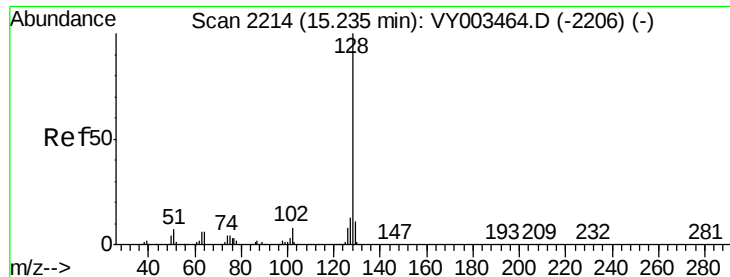
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.2	48.1	144.3
145	27.2	13.8	41.3



#94
 Hexachlorobutadiene
 Concen: 21.999 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY003506.D
 Acq: 04 Nov 2020 12:02

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	32.1	96.3
227	64.4	32.4	97.2





#95

Naphthalene

Concen: 19.790 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. 0.00 min

Lab File: VY003506.D

Acq: 04 Nov 2020 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VY1104SBS01

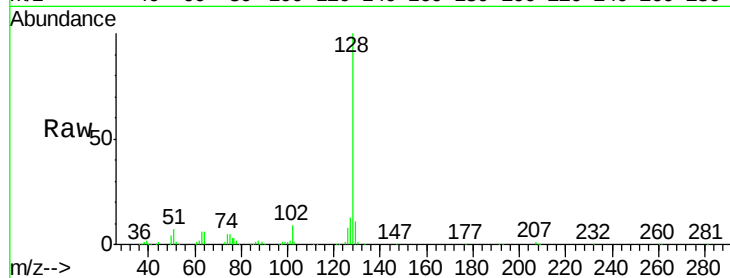
Tot Ion:128 Resp: 124526

Ion Ratio Lower Upper

128 100

127 13.3 10.5 15.7

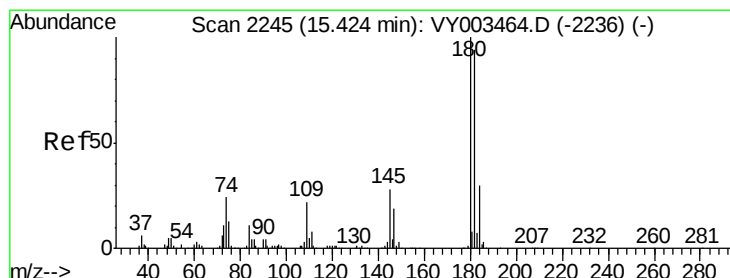
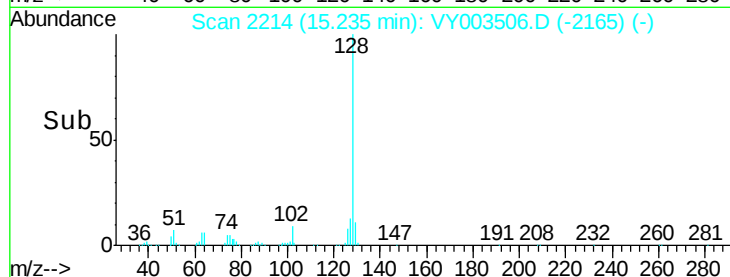
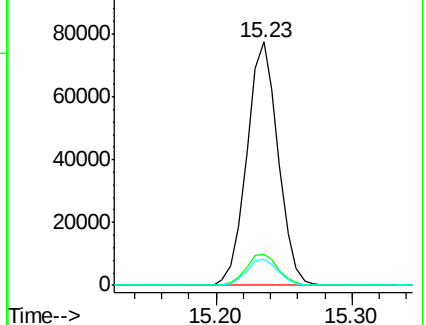
129 11.0 8.6 13.0



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: 21.736 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VY003506.D

Acq: 04 Nov 2020 12:02

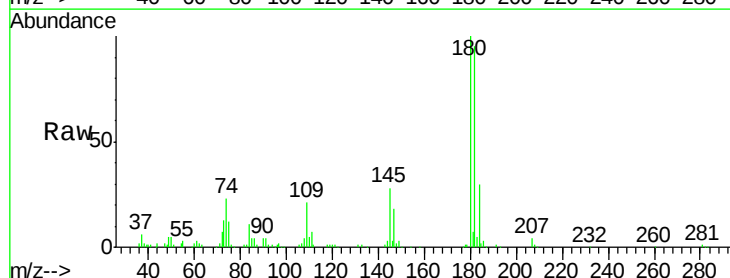
Tgt Ion:180 Resp: 61440

Ion Ratio Lower Upper

180 100

182 95.1 46.9 140.7

145 29.0 14.4 43.2



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

