

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY103119\
 Data File : VY000500.D
 Acq On : 31 Oct 2019 13:06
 Operator : SY/MD
 Sample : VY1031SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 01 08:41:39 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M

Quant Title : SW846 8260

QLast Update : Wed Oct 30 13:30:53 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	270266	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	434215	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	387546	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	189578	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	136267	48.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.44%	
35) Dibromofluoromethane	7.73	113	121132	47.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.04%	
50) Toluene-d8	10.18	98	499145	51.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.20%	
62) 4-Bromofluorobenzene	12.48	95	174544	47.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	50960	19.154	ug/l	100
3) Chloromethane	2.11	50	74517	20.332	ug/l	100
4) Vinyl Chloride	2.25	62	69464	20.410	ug/l	96
5) Bromomethane	2.63	94	42161	20.658	ug/l	95
6) Chloroethane	2.79	64	43350	20.352	ug/l	97
7) Trichlorofluoromethane	3.12	101	95219	20.717	ug/l	96
8) Diethyl Ether	3.53	74	34693	21.243	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.90	101	54318	19.548	ug/l	99
10) Methyl Iodide	4.09	142	69621	21.016	ug/l	98
11) Tert butyl alcohol	4.96	59	29638m	108.859	ug/l	
12) 1,1-Dichloroethene	3.88	96	54972	20.363	ug/l	95
13) Acrolein	3.74	56	23536	99.243	ug/l	97
14) Allyl chloride	4.48	41	92789	21.137	ug/l	99
15) Acrylonitrile	5.17	53	89143	106.553	ug/l	99
16) Acetone	3.96	43	73169	94.919	ug/l	89
17) Carbon Disulfide	4.19	76	172453	20.253	ug/l	95
18) Methyl Acetate	4.48	43	46736	19.499	ug/l	97
19) Methyl tert-butyl Ether	5.22	73	151468	20.179	ug/l	97
20) Methylene Chloride	4.72	84	70963	21.484	ug/l	95
21) trans-1,2-Dichloroethene	5.22	96	62514	20.483	ug/l	96
22) Diisopropyl ether	6.13	45	192962	20.224	ug/l	95
23) Vinyl Acetate	6.07	43	631249	104.805	ug/l	98
24) 1,1-Dichloroethane	6.02	63	101976	19.728	ug/l	98
25) 2-Butanone	7.00	43	119072	96.788	ug/l	98
26) 2,2-Dichloropropane	6.99	77	94747	20.057	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	68412	20.499	ug/l	99
28) Bromochloromethane	7.34	49	26869	14.557	ug/l	92
29) Tetrahydrofuran	7.36	42	78707	104.578	ug/l	99
30) Chloroform	7.52	83	104651	20.014	ug/l	99
31) Cyclohexane	7.79	56	107860	19.923	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	92481	19.845	ug/l	98
36) 1,1-Dichloropropene	7.92	75	86790	21.143	ug/l	99
37) Ethyl Acetate	7.08	43	53893	22.114	ug/l	96
38) Carbon Tetrachloride	7.91	117	83371	21.108	ug/l	94

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.19	83	114022	21.501	ug/l	96
40) Benzene	8.17	78	247454	20.562	ug/l	98
41) Methacrylonitrile	7.35	41	39711m	29.209	ug/l	
42) 1,2-Dichloroethane	8.25	62	72319	21.187	ug/l	97
43) Isopropyl Acetate	8.28	43	99598	21.756	ug/l	99
44) Trichloroethene	8.94	130	67214	21.183	ug/l	87
45) 1,2-Dichloropropane	9.22	63	62358	21.053	ug/l	93
46) Dibromomethane	9.31	93	34163	20.973	ug/l	98
47) Bromodichloromethane	9.50	83	78347	20.270	ug/l	96
48) Methyl methacrylate	9.30	41	42845	21.420	ug/l	99
49) 1,4-Dioxane	9.30	88	9567	436.389	ug/l	99
51) 4-Methyl-2-Pentanone	10.08	43	265710	109.165	ug/l	99
52) Toluene	10.24	92	157742	20.732	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	86357	20.910	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	98944	20.913	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	48864	20.740	ug/l	92
56) Ethyl methacrylate	10.51	69	70663	21.161	ug/l	98
57) 1,3-Dichloropropane	10.79	76	86124	20.886	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	151990	100.677	ug/l	99
59) 2-Hexanone	10.83	43	188089	106.060	ug/l	100
60) Dibromochloromethane	10.99	129	55546	20.583	ug/l	97
61) 1,2-Dibromoethane	11.09	107	46445	20.502	ug/l	94
64) Tetrachloroethene	10.72	164	65710	20.505	ug/l	98
65) Chlorobenzene	11.52	112	164049	20.878	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	58014	21.289	ug/l	97
67) Ethyl Benzene	11.59	91	305482	21.124	ug/l	99
68) m/p-Xylenes	11.70	106	234639	41.922	ug/l	99
69) o-Xylene	12.03	106	109540	20.824	ug/l	98
70) Styrene	12.04	104	182733	20.287	ug/l	99
71) Bromoform	12.20	173	31631	20.181	ug/l #	97
73) Isopropylbenzene	12.33	105	295539	21.093	ug/l	100
74) N-amyl acetate	12.14	43	89195	22.228	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	59760	21.541	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	51636m	23.921	ug/l	
77) Bromobenzene	12.61	156	66444	20.912	ug/l	99
78) n-propylbenzene	12.67	91	363791	21.519	ug/l	100
79) 2-Chlorotoluene	12.75	91	197303	21.022	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	252072	21.601	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	19469	20.222	ug/l	93
82) 4-Chlorotoluene	12.85	91	206992	21.276	ug/l	99
83) tert-Butylbenzene	13.07	119	215286	21.607	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	253712	21.837	ug/l	97
85) sec-Butylbenzene	13.25	105	305341	21.510	ug/l	100
86) p-Isopropyltoluene	13.37	119	269521	21.303	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	129484	20.806	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	131473	21.141	ug/l	99
89) n-Butylbenzene	13.69	91	268864	21.546	ug/l	100
90) Hexachloroethane	13.95	117	49367	21.107	ug/l	99
91) 1,2-Dichlorobenzene	13.73	146	118892	21.056	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.35	75	10784	21.964	ug/l	92

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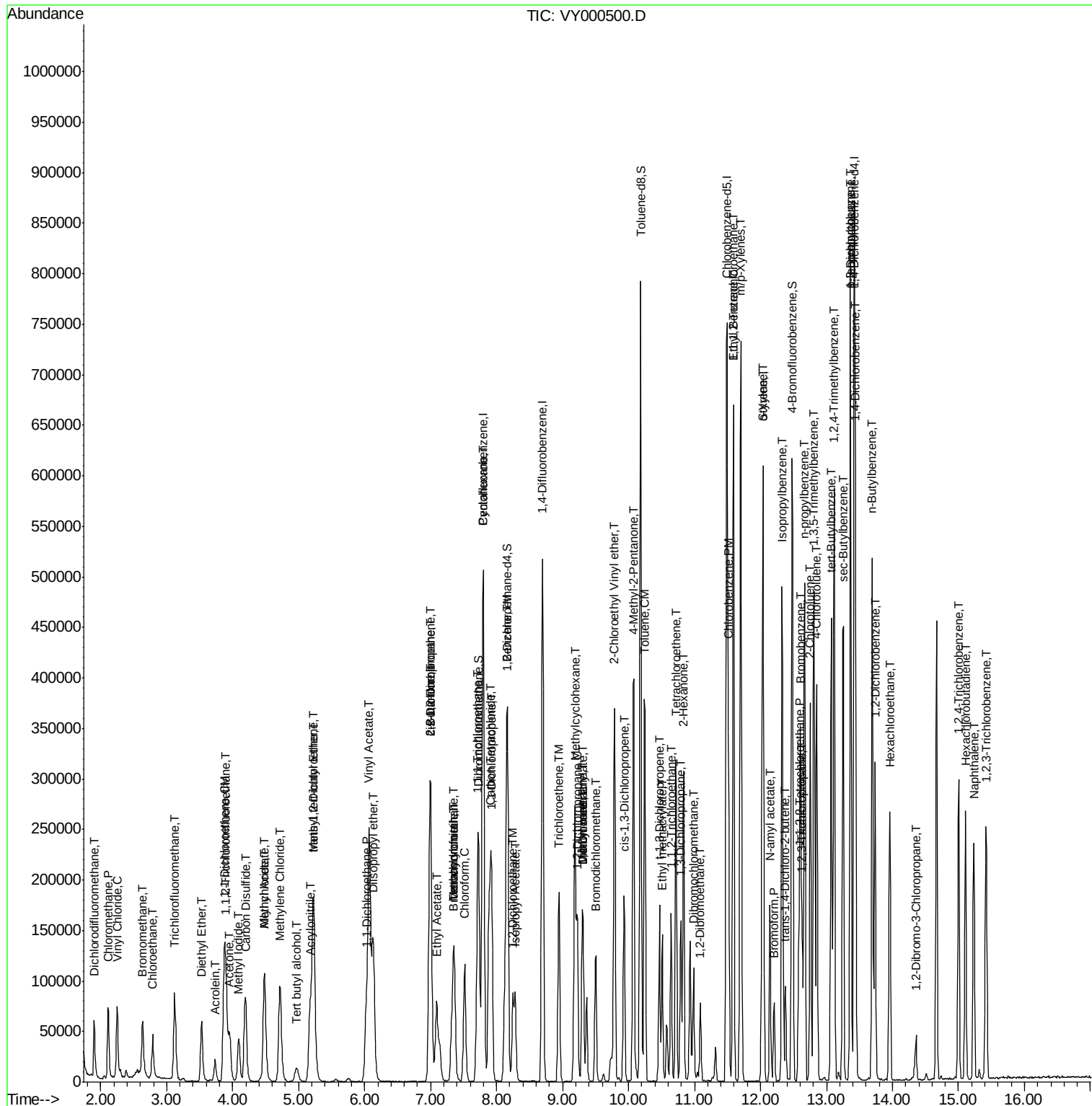
Quant Time: Nov 01 08:41:39 2019
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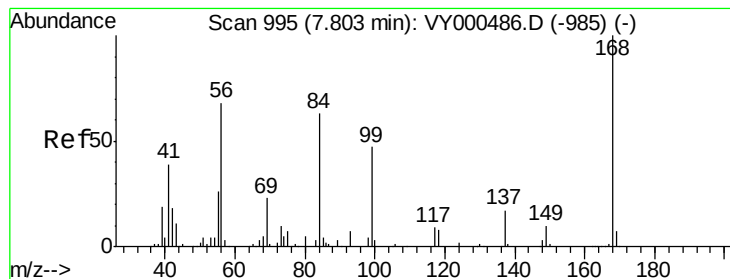
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	85053	22.122	ug/l	98
94) Hexachlorobutadiene	15.11	225	43562	21.980	ug/l	98
95) Naphthalene	15.23	128	190601	22.332	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	76849	22.279	ug/l	99

(#) = 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: VY000500.D

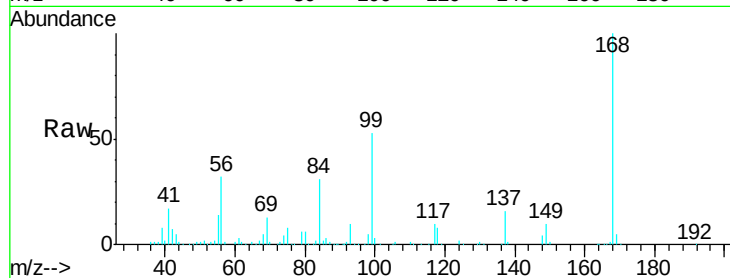
Acq: 31 Oct 2019 13:06

Tgt Ion: 168 Resp: 270266

Ion Ratio Lower Upper

168 100

99 52.8 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): VY000486.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY000486.D (-985) (-)

7.80

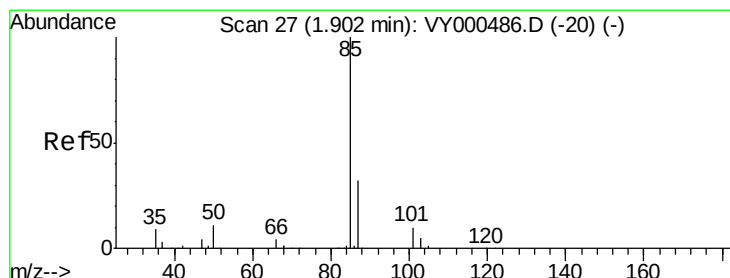
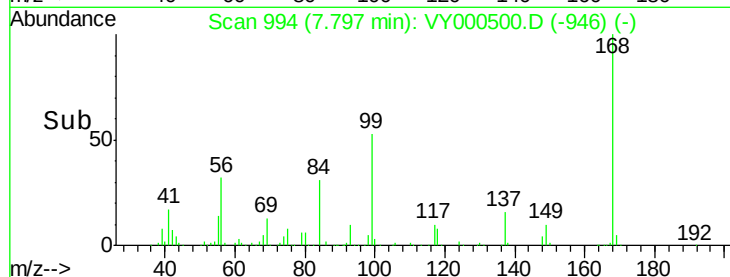
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 19.154 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY000500.D

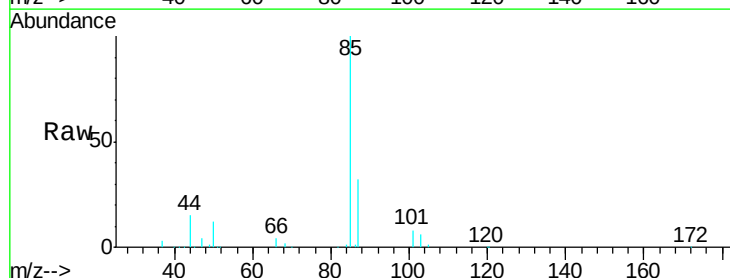
Acq: 31 Oct 2019 13:06

Tgt Ion: 85 Resp: 50960

Ion Ratio Lower Upper

85 100

87 32.0 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY000486.D (-20) (-)

Ion 86.90 (86.60 to 87.60): VY000486.D (-20) (-)

1.90

30000

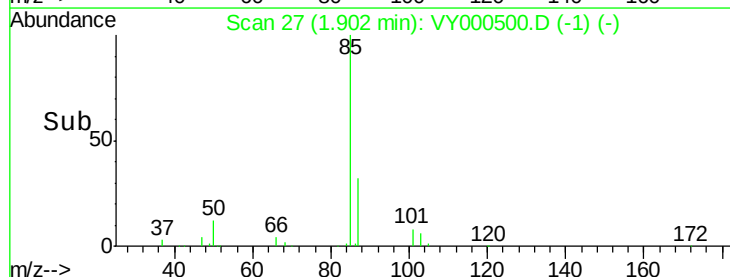
20000

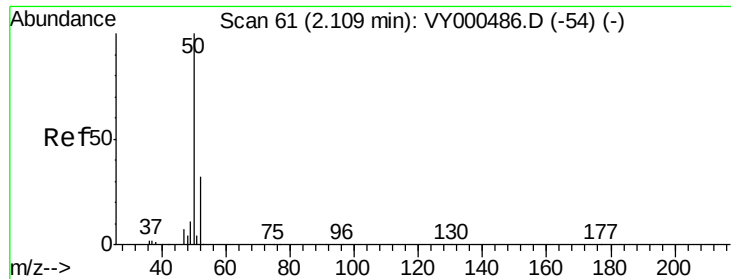
10000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 20.332 ug/l

RT: 2.11 min Scan# 61

Delta R.T. -0.00 min

Lab File: VY000500.D

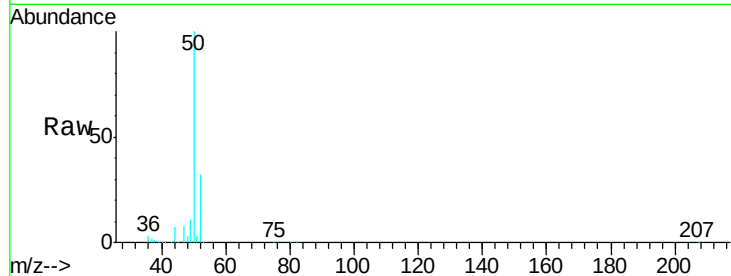
Acq: 31 Oct 2019 13:06

Tgt Ion: 50 Resp: 74517

Ion Ratio Lower Upper

50 100

52 31.7 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0

2.11

40000

30000

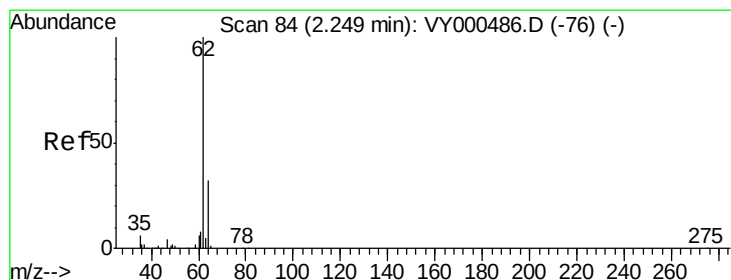
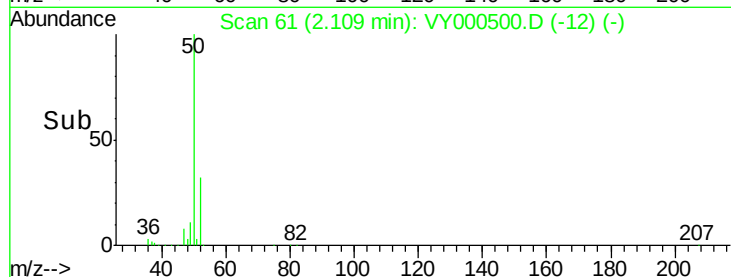
20000

10000

0

Time-->

2.05 2.10 2.15 2.20



#4

Vinyl Chloride

Concen: 20.410 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.00 min

Lab File: VY000500.D

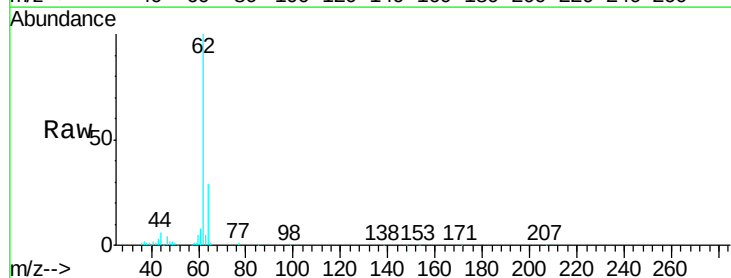
Acq: 31 Oct 2019 13:06

Tgt Ion: 62 Resp: 69464

Ion Ratio Lower Upper

62 100

64 29.3 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0

2.25

40000

30000

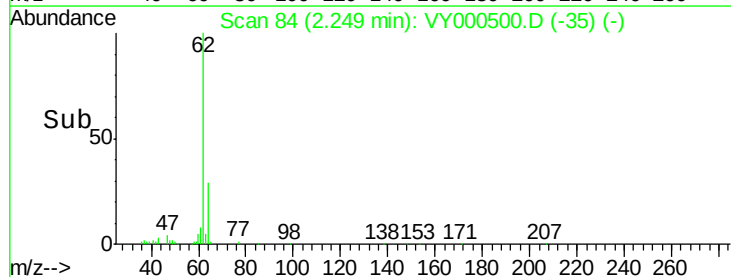
20000

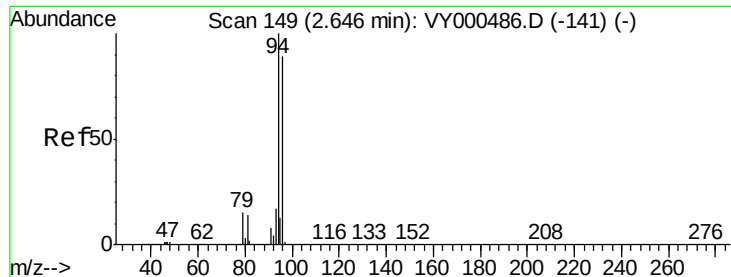
10000

0

Time-->

2.15 2.20 2.25 2.30 2.35





#5

Bromomethane

Concen: 20.658 ug/l

RT: 2.63 min Scan# 147

Delta R.T. -0.01 min

Lab File: VY000500.D

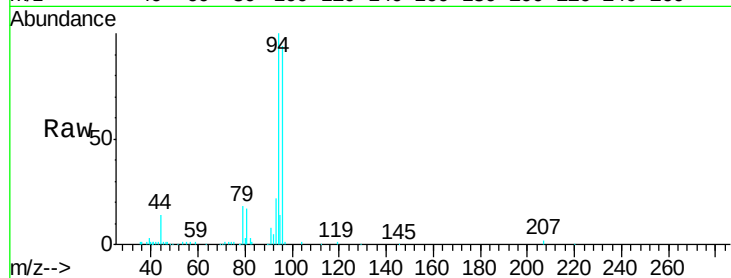
Acq: 31 Oct 2019 13:06

Tgt Ion: 94 Resp: 42161

Ion Ratio Lower Upper

94 100

96 93.7 71.2 106.8



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.63

20000

15000

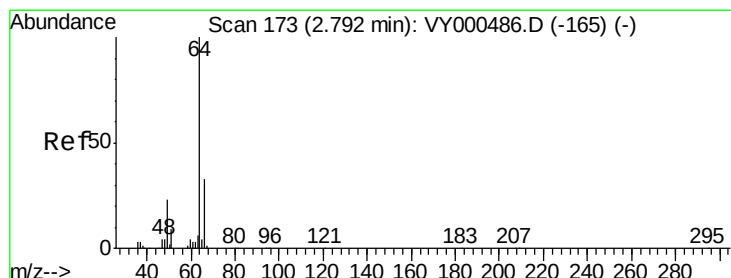
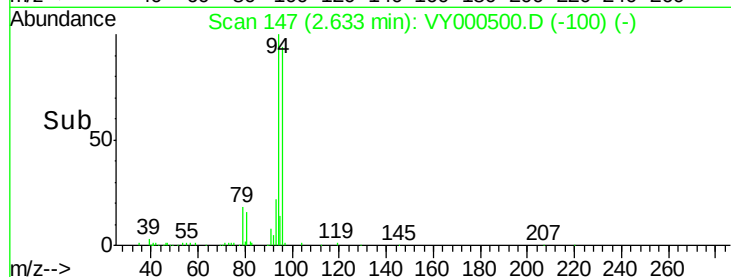
10000

5000

0

Time-->

2.50 2.60 2.70 2.80



#6

Chloroethane

Concen: 20.352 ug/l

RT: 2.79 min Scan# 172

Delta R.T. -0.01 min

Lab File: VY000500.D

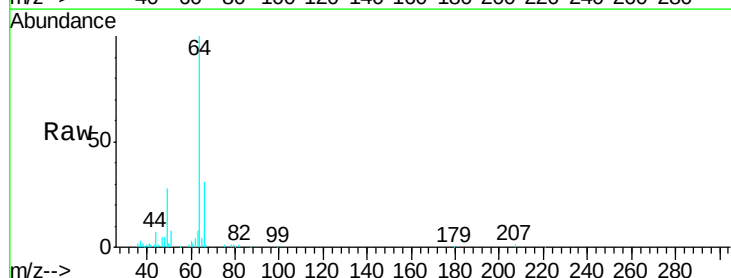
Acq: 31 Oct 2019 13:06

Tgt Ion: 64 Resp: 43350

Ion Ratio Lower Upper

64 100

66 31.3 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.79

25000

20000

15000

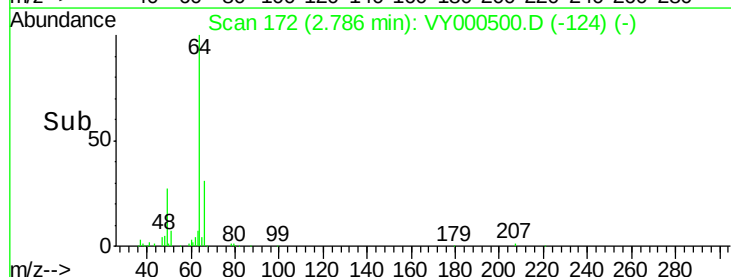
10000

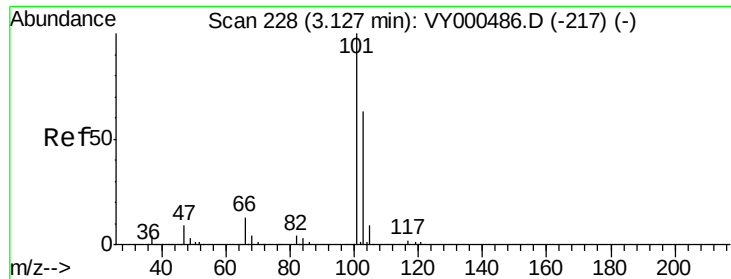
5000

0

Time-->

2.70 2.80 2.90

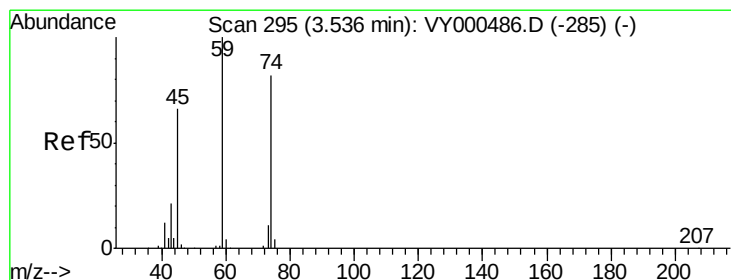
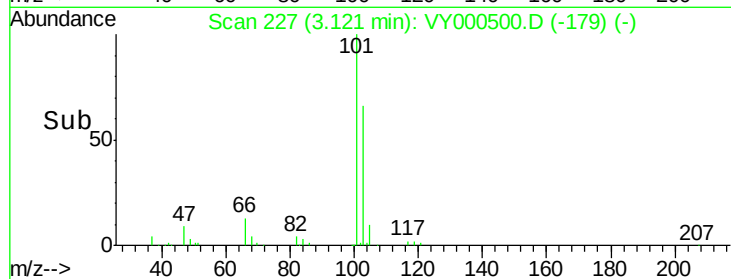
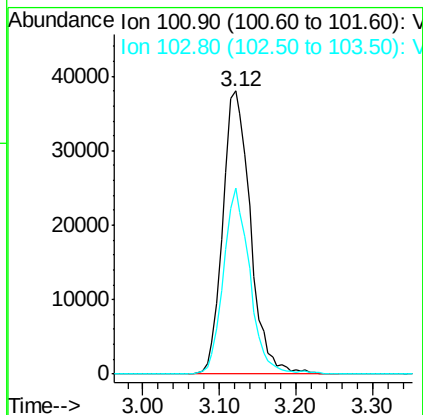
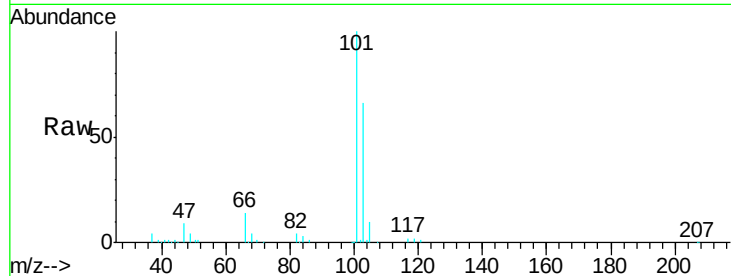




#7

Trichlorofluoromethane
 Concen: 20.717 ug/l
 RT: 3.12 min Scan# 227
 Delta R.T. -0.01 min
 Lab File: VY000500.D
 Acq: 31 Oct 2019 13:06

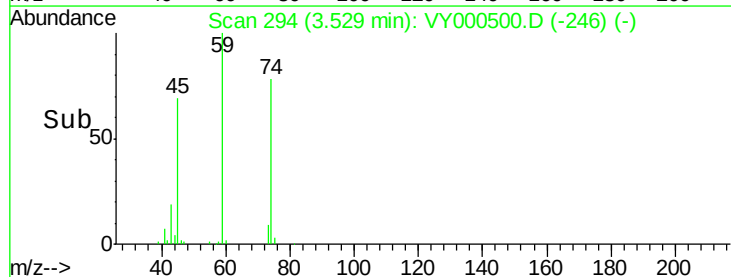
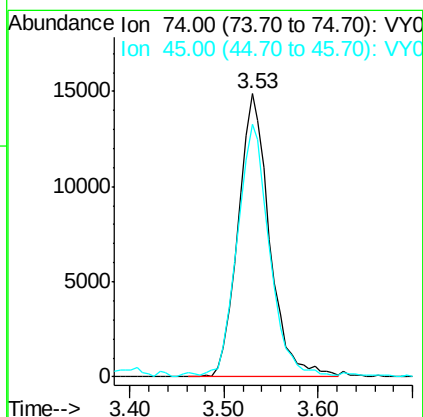
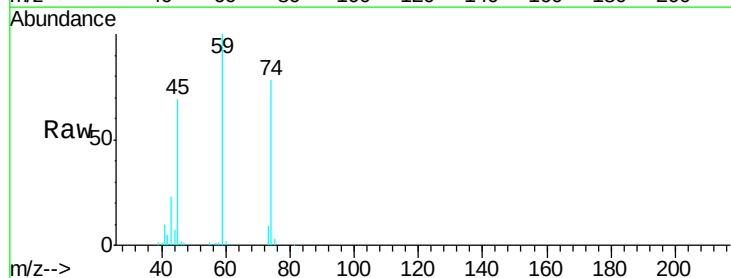
Tgt Ion: 101 Resp: 95219
 Ion Ratio Lower Upper
 101 100
 103 65.9 50.5 75.7

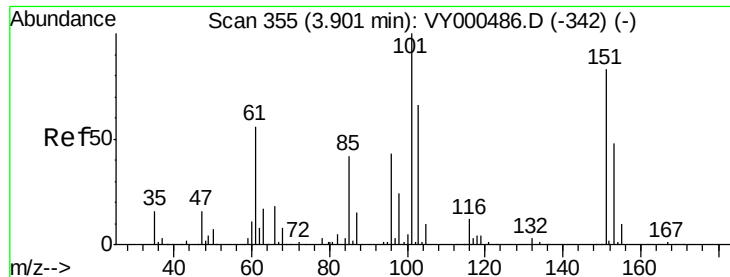


#8

Diethyl Ether
 Concen: 21.243 ug/l
 RT: 3.53 min Scan# 294
 Delta R.T. -0.01 min
 Lab File: VY000500.D
 Acq: 31 Oct 2019 13:06

Tgt Ion: 74 Resp: 34693
 Ion Ratio Lower Upper
 74 100
 45 89.7 45.5 136.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.548 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.00 min

Lab File: VY000500.D

Acq: 31 Oct 2019 13:06

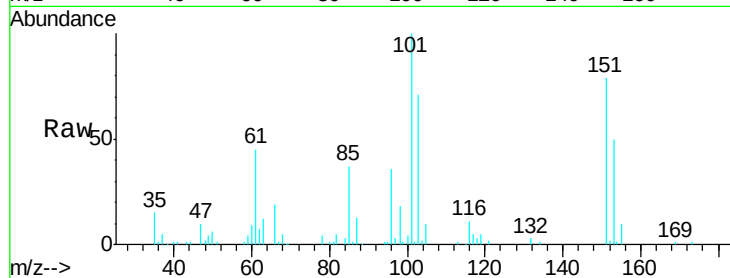
Tgt Ion:101 Resp: 54318

Ion Ratio Lower Upper

101 100

85 44.4 36.7 55.1

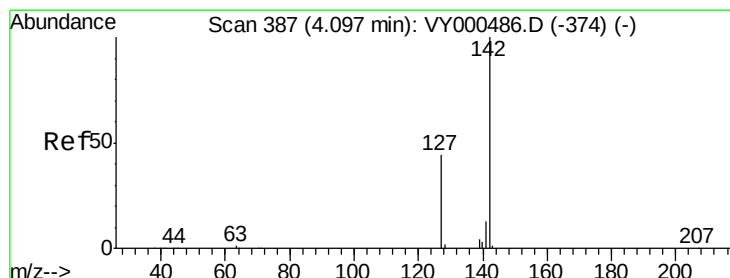
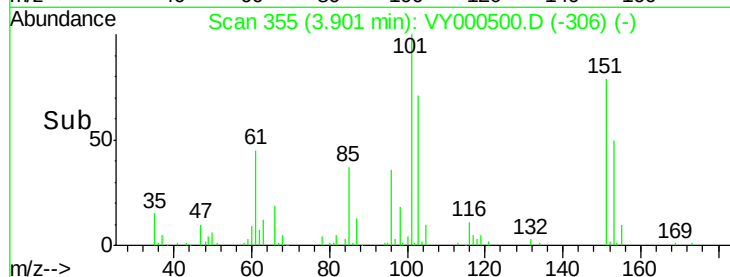
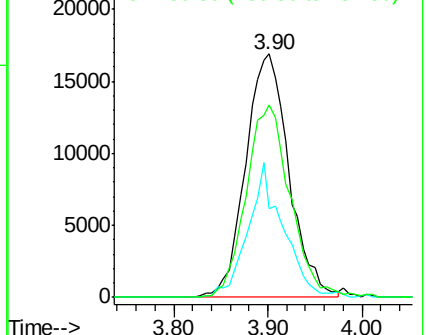
151 80.9 64.3 96.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 21.016 ug/l

RT: 4.09 min Scan# 386

Delta R.T. -0.01 min

Lab File: VY000500.D

Acq: 31 Oct 2019 13:06

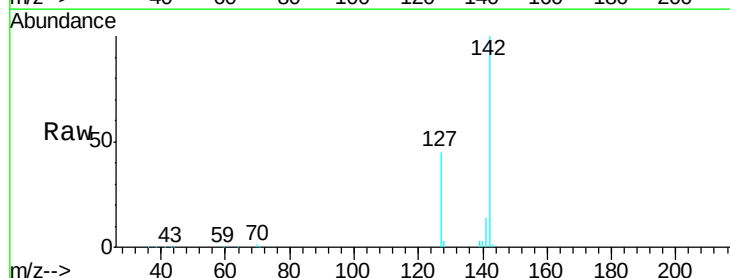
Tgt Ion:142 Resp: 69621

Ion Ratio Lower Upper

142 100

127 43.5 33.7 50.5

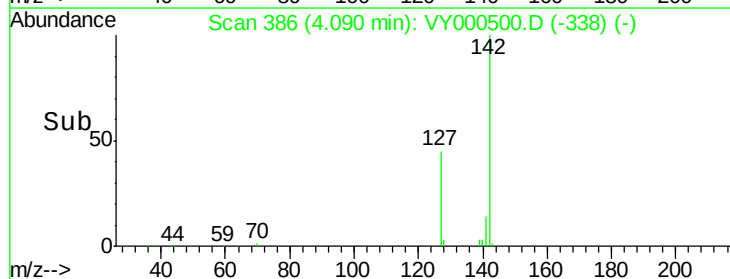
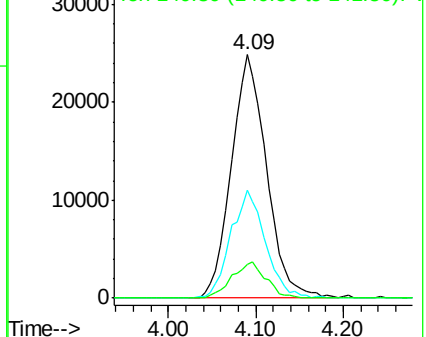
141 14.3 10.9 16.3

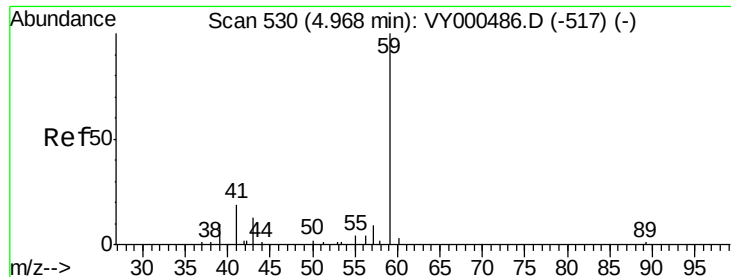


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 108.859 ug/l m

RT: 4.96 min Scan# 529

Delta R.T. -0.01 min

Lab File: VY000500.D

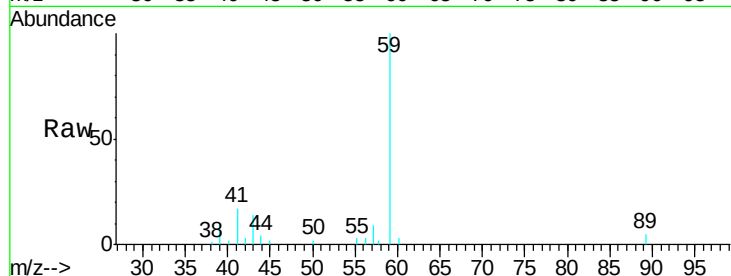
Acq: 31 Oct 2019 13:06

Tgt Ion: 59 Resp: 29638

Ion Ratio Lower Upper

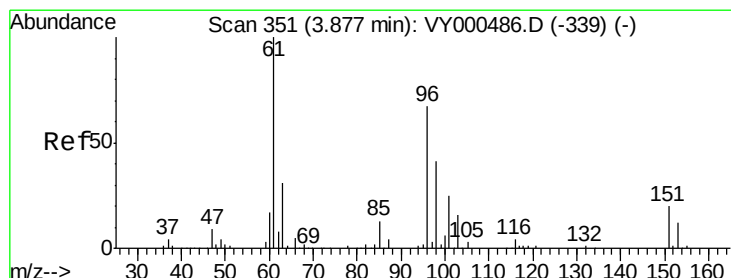
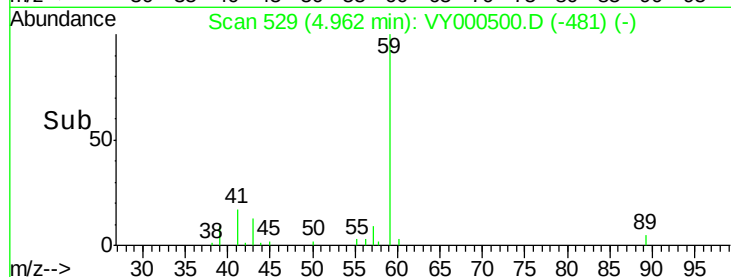
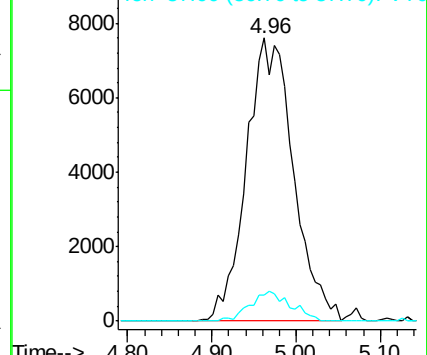
59 100

57 9.1 8.6 12.8



Abundance Ion 59.00 (58.70 to 59.70): VY0

Ion 57.00 (56.70 to 57.70): VY0



#12

1,1-Dichloroethene

Concen: 20.363 ug/l

RT: 3.88 min Scan# 351

Delta R.T. -0.00 min

Lab File: VY000500.D

Acq: 31 Oct 2019 13:06

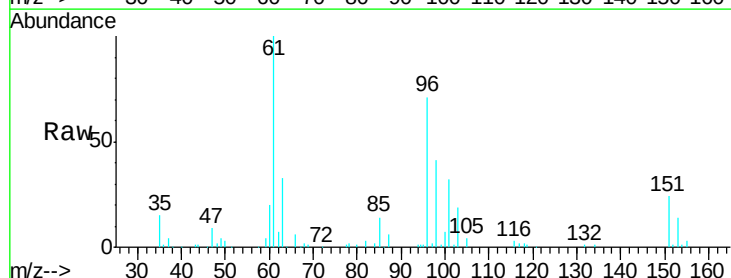
Tgt Ion: 96 Resp: 54972

Ion Ratio Lower Upper

96 100

61 141.3 119.2 178.8

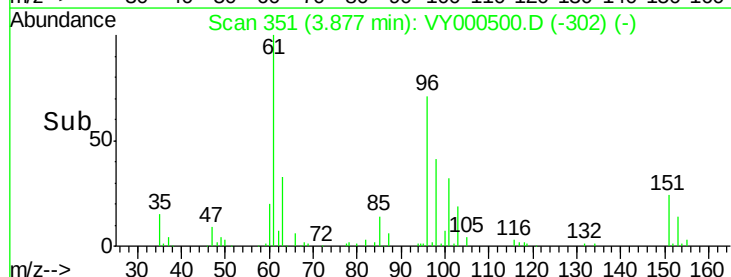
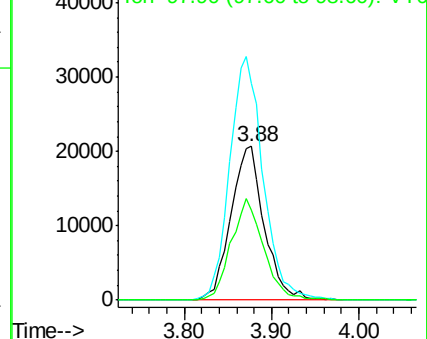
98 58.5 48.6 73.0

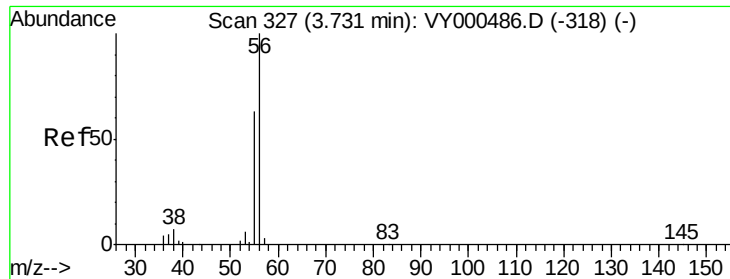


Abundance Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#13

Acrolein

Concen: 99.243 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.01 min

Lab File: VY000500.D

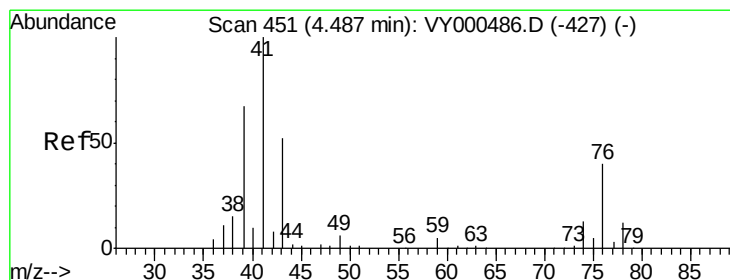
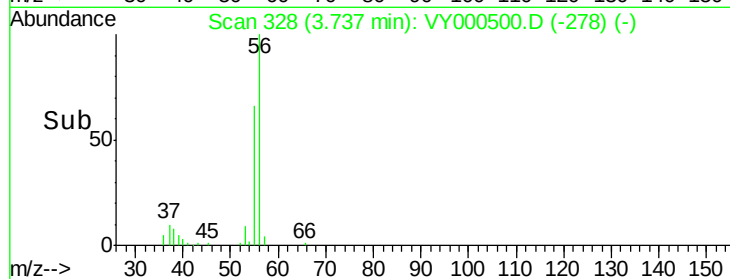
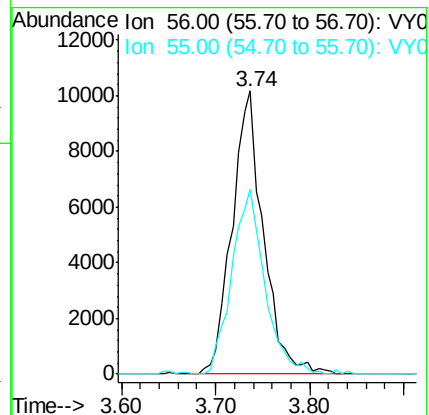
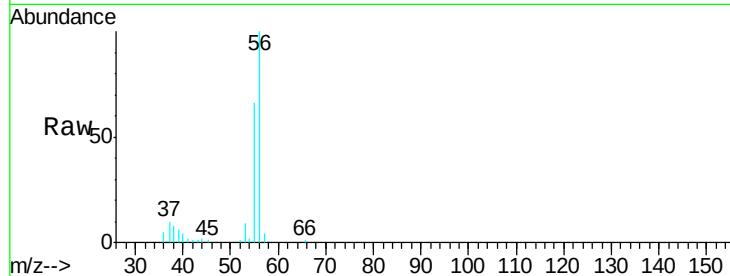
Acq: 31 Oct 2019 13:06

Tgt Ion: 56 Resp: 23536

Ion Ratio Lower Upper

56 100

55 68.7 57.0 85.6



#14

Allyl chloride

Concen: 21.137 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY000500.D

Acq: 31 Oct 2019 13:06

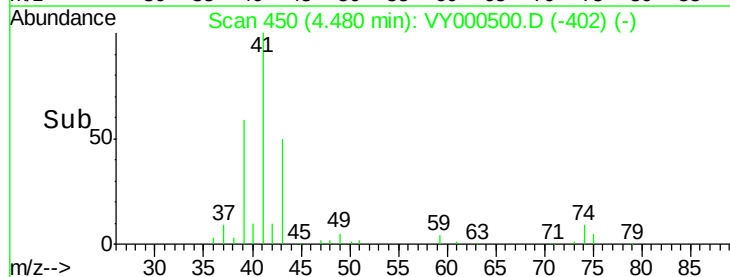
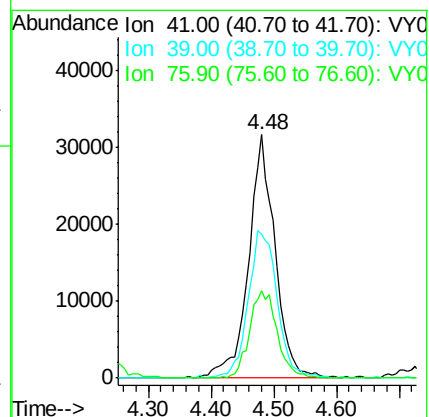
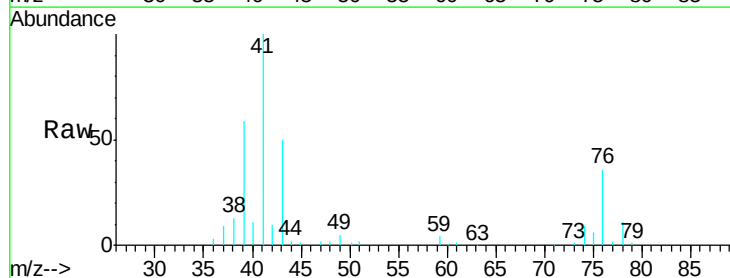
Tgt Ion: 41 Resp: 92789

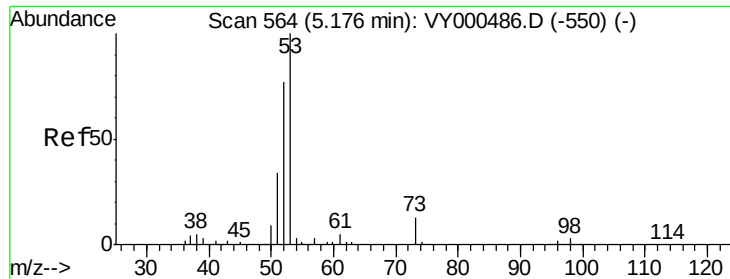
Ion Ratio Lower Upper

41 100

39 66.3 53.6 80.4

76 37.2 29.8 44.6





#15

Acrylonitrile

Concen: 106.553 ug/l

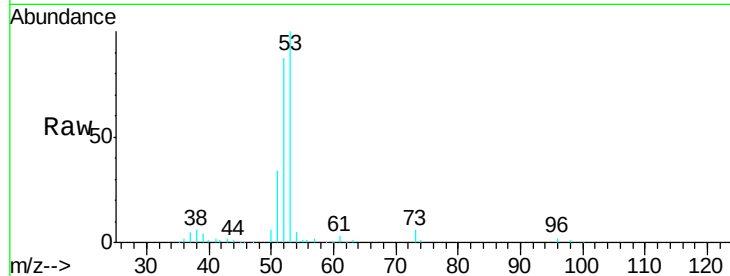
RT: 5.17 min Scan# 563

Delta R.T. -0.01 min

Lab File: VY000500.D

Acq: 31 Oct 2019 13:06

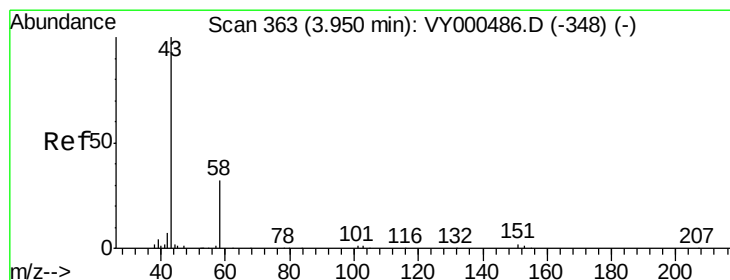
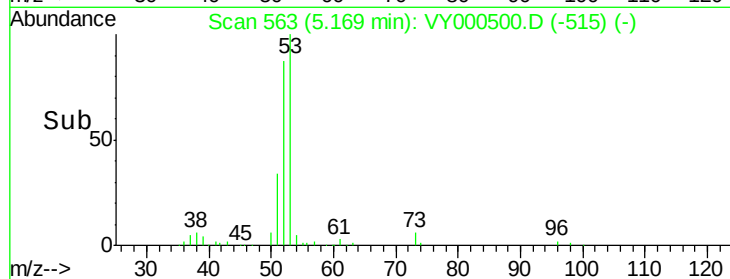
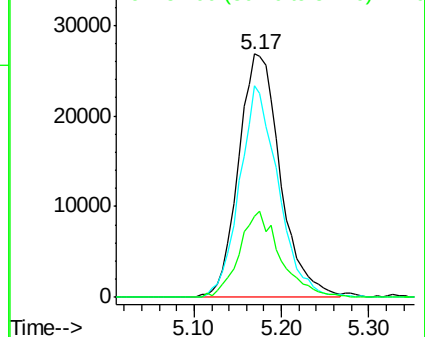
Tgt Ion:	53	Resp:	89143
Ion	Ratio	Lower	Upper
53	100		
52	80.6	64.9	97.3
51	34.7	27.6	41.4



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: 94.919 ug/l

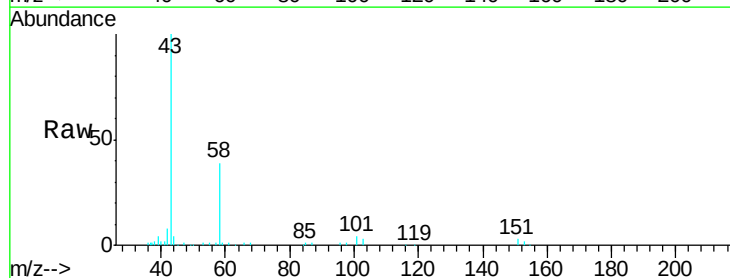
RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY000500.D

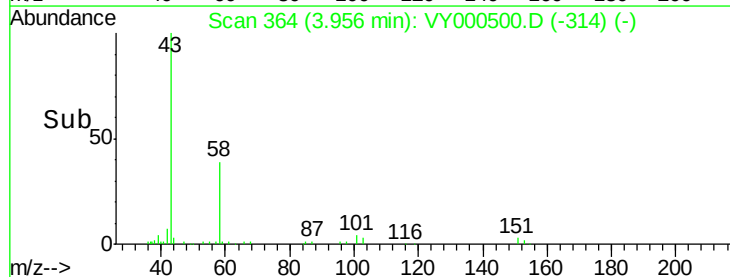
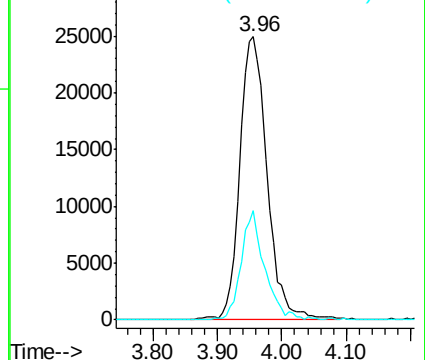
Acq: 31 Oct 2019 13:06

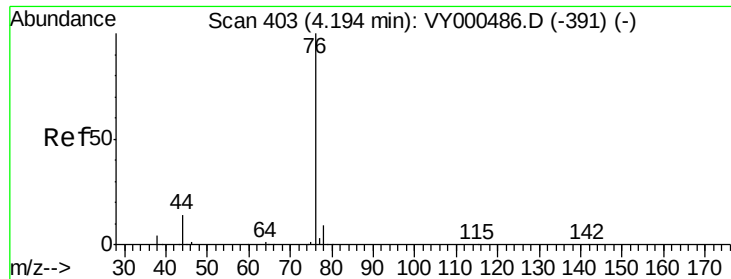
Tgt Ion:	43	Resp:	73169
Ion	Ratio	Lower	Upper
43	100		
58	38.5	25.8	38.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

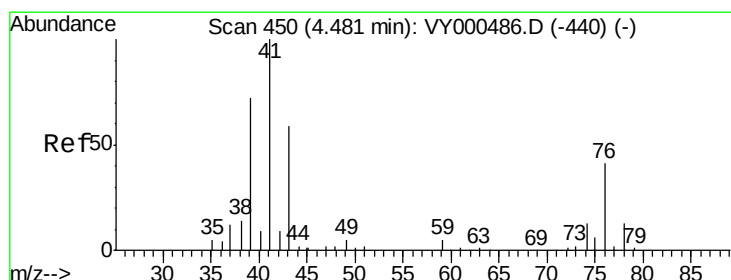
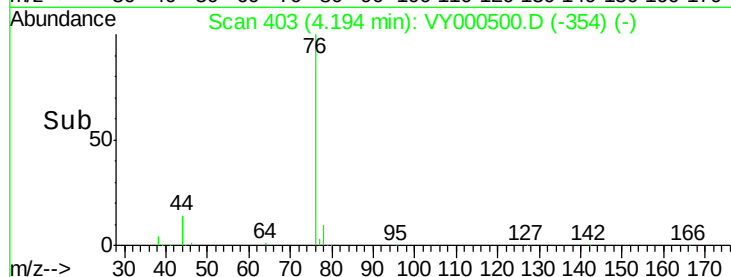
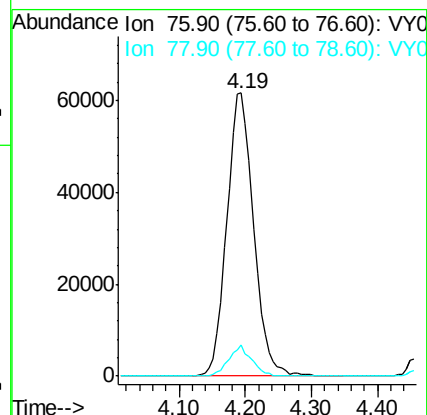
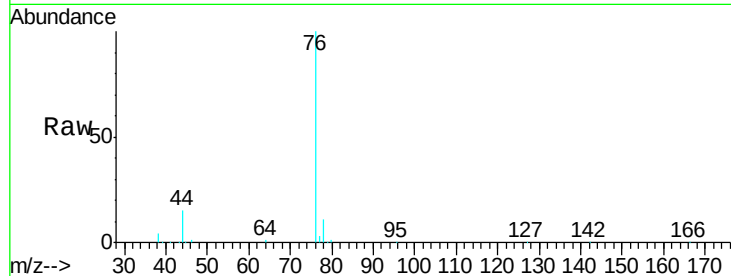
Ion 58.00 (57.70 to 58.70): VY0





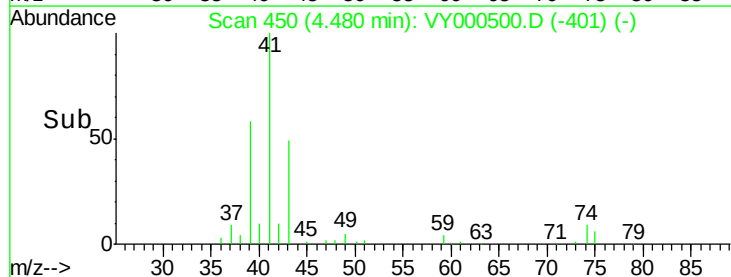
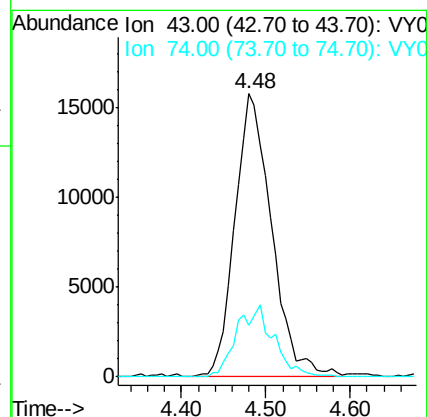
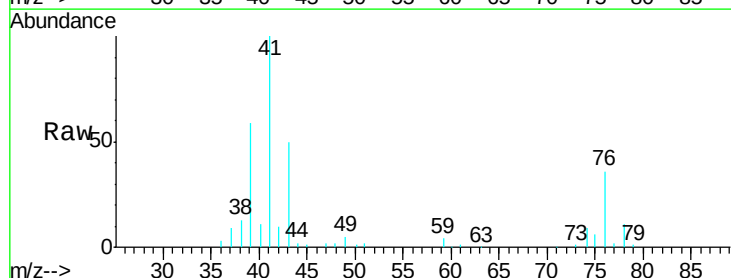
#17
Carbon Disulfide
Concen: 20.253 ug/l
RT: 4.19 min Scan# 403
Delta R.T. -0.00 min
Lab File: VY000500.D
Acq: 31 Oct 2019 13:06

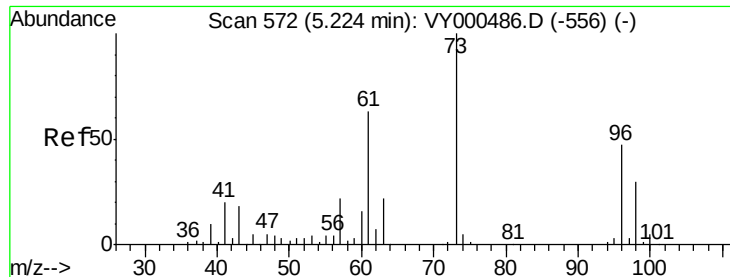
Tgt Ion: 76 Resp: 172453
Ion Ratio Lower Upper
76 100
78 11.1 7.5 11.3



#18
Methyl Acetate
Concen: 19.499 ug/l
RT: 4.48 min Scan# 450
Delta R.T. -0.00 min
Lab File: VY000500.D
Acq: 31 Oct 2019 13:06

Tgt Ion: 43 Resp: 46736
Ion Ratio Lower Upper
43 100
74 25.6 19.2 28.8

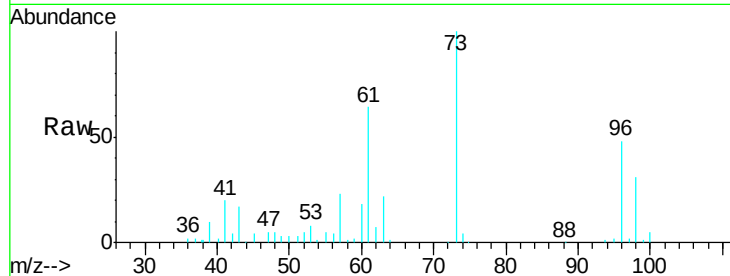




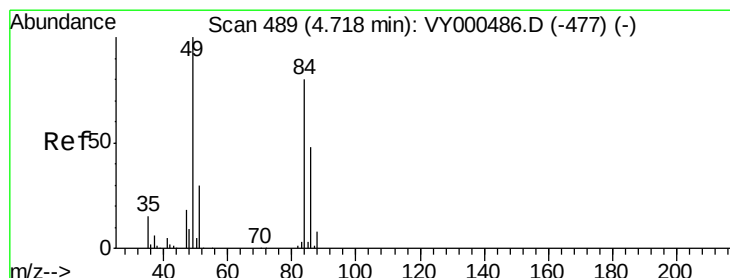
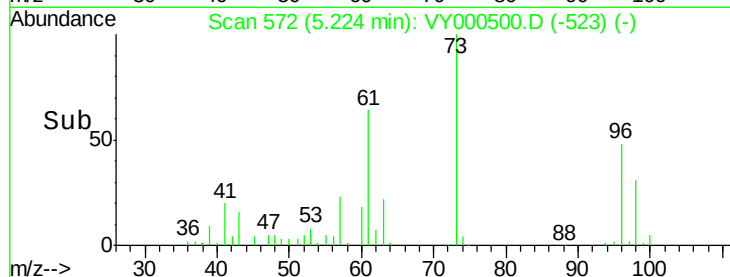
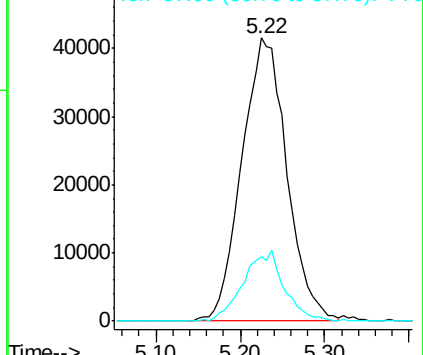
#19

Methyl tert-butyl Ether
 Concen: 20.179 ug/l
 RT: 5.22 min Scan# 572
 Delta R.T. -0.00 min
 Lab File: VY000500.D
 Acq: 31 Oct 2019 13:06

Tgt Ion: 73 Resp: 151468
 Ion Ratio Lower Upper
 73 100
 57 22.9 17.4 26.0



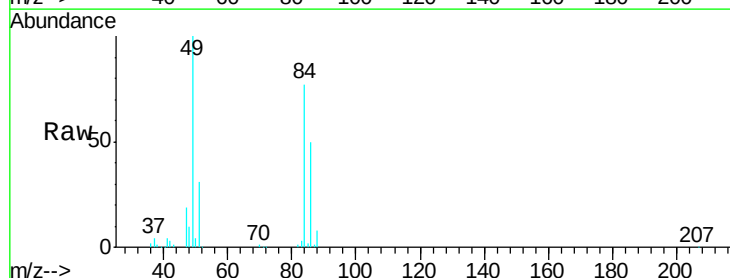
Abundance Ion 73.00 (72.70 to 73.70): VY0
 Ion 57.00 (56.70 to 57.70): VY0



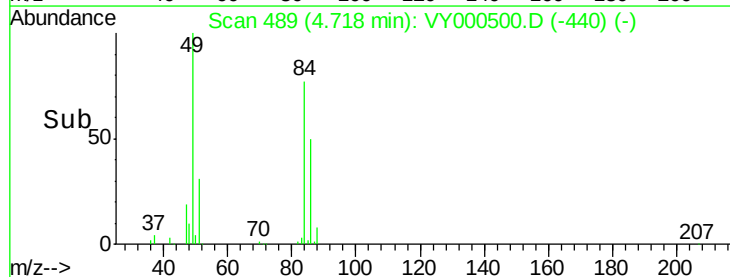
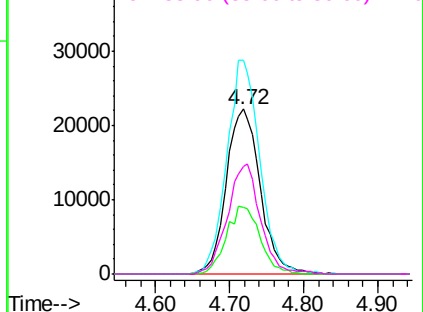
#20

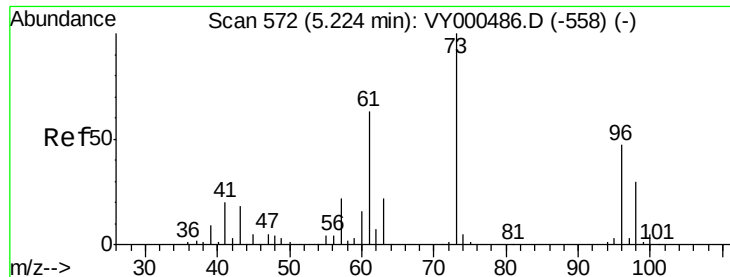
Methylene Chloride
 Concen: 21.484 ug/l
 RT: 4.72 min Scan# 489
 Delta R.T. -0.00 min
 Lab File: VY000500.D
 Acq: 31 Oct 2019 13:06

Tgt Ion: 84 Resp: 70963
 Ion Ratio Lower Upper
 84 100
 49 129.2 100.2 150.4
 51 40.4 29.6 44.4
 86 65.2 48.3 72.5



Abundance Ion 83.90 (83.60 to 84.60): VY0
 Ion 48.90 (48.60 to 49.60): VY0
 Ion 50.90 (50.60 to 51.60): VY0
 Ion 85.90 (85.60 to 86.60): VY0





#21

trans-1,2-Dichloroethene

Concen: 20.483 ug/l

RT: 5.22 min Scan# 571

Delta R.T. -0.01 min

Lab File: VY000500.D

Acq: 31 Oct 2019 13:06

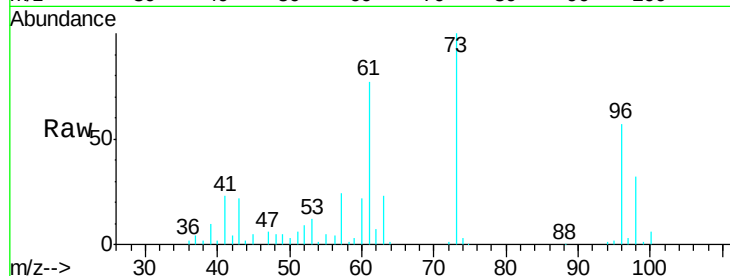
Tgt Ion: 96 Resp: 62514

Ion Ratio Lower Upper

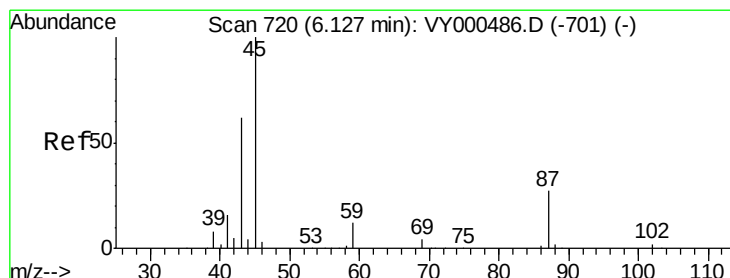
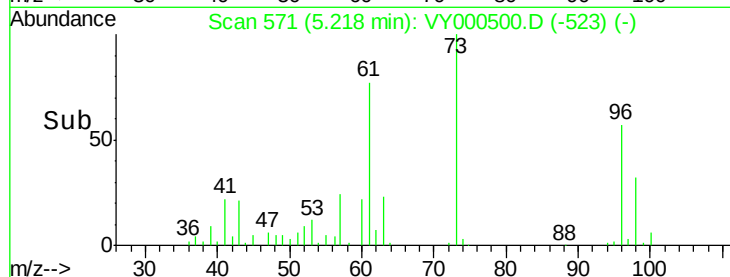
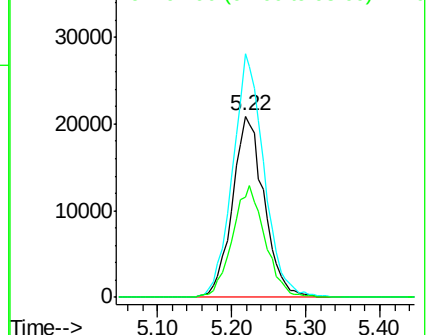
96 100

61 134.4 106.6 160.0

98 55.3 50.6 76.0



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



#22

Diisopropyl ether

Concen: 20.224 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.00 min

Lab File: VY000500.D

Acq: 31 Oct 2019 13:06

Tgt Ion: 45 Resp: 192962

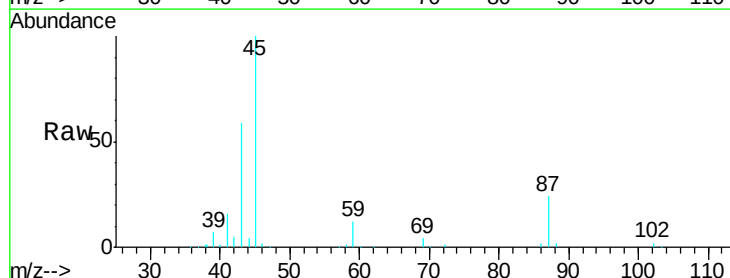
Ion Ratio Lower Upper

45 100

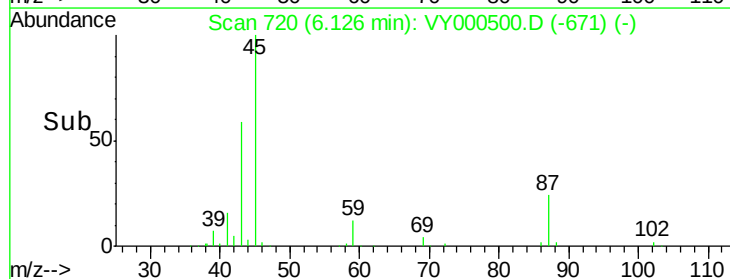
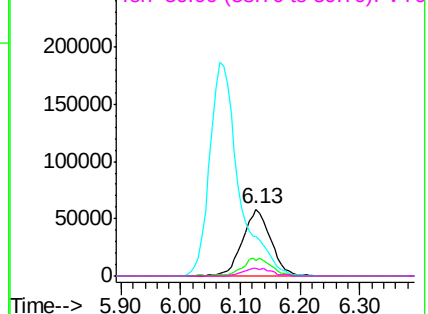
43 58.2 50.0 75.0

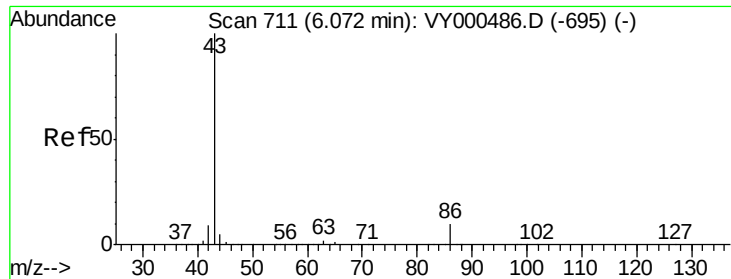
87 23.9 21.6 32.4

59 11.7 9.5 14.3



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: 104.805 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY000500.D

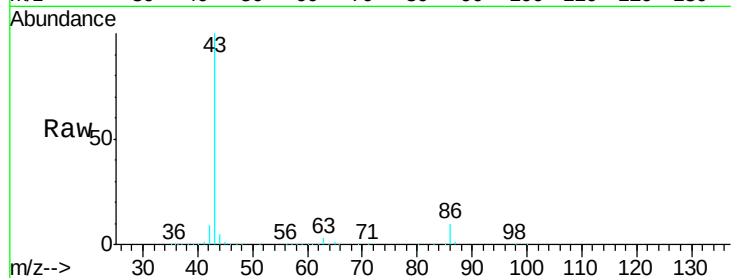
Acq: 31 Oct 2019 13:06

Tgt Ion: 43 Resp: 631249

Ion Ratio Lower Upper

43 100

86 10.3 7.8 11.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.07

200000

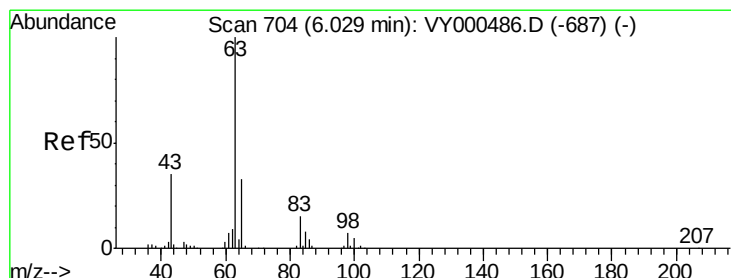
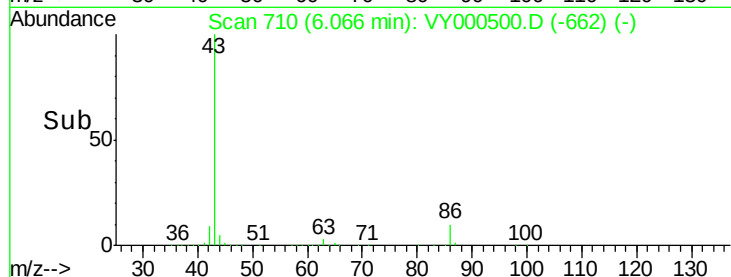
150000

100000

50000

0

Time--> 5.90 6.00 6.10 6.20



#24

1,1-Dichloroethane

Concen: 19.728 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY000500.D

Acq: 31 Oct 2019 13:06

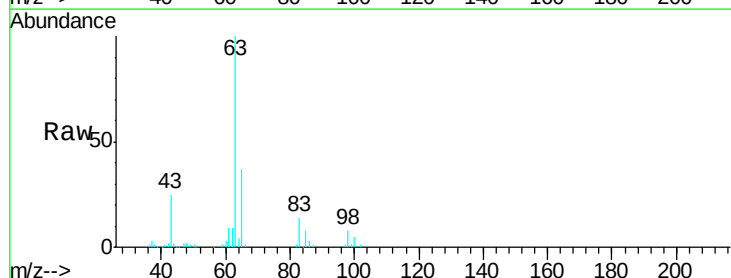
Tgt Ion: 63 Resp: 101976

Ion Ratio Lower Upper

63 100

98 8.2 3.5 10.6

100 4.7 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

6.02

40000

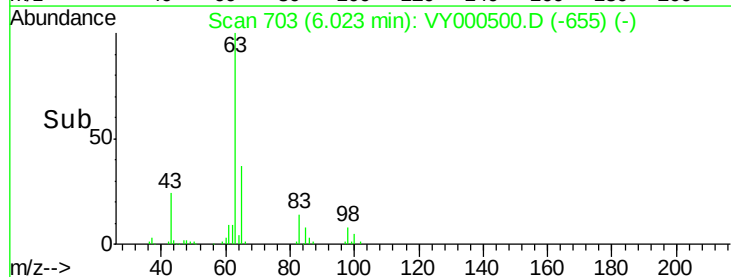
30000

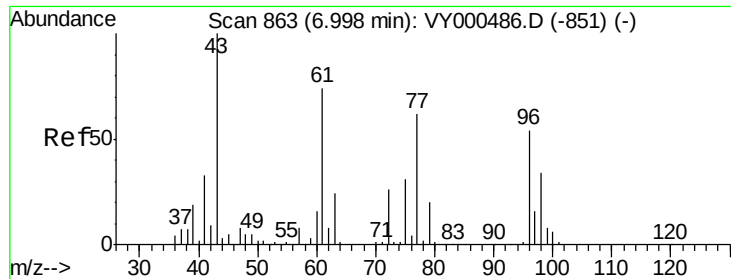
20000

10000

0

Time--> 5.90 6.00 6.10





#25

2-Butanone

Concen: 96.788 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.00 min

Lab File: VY000500.D

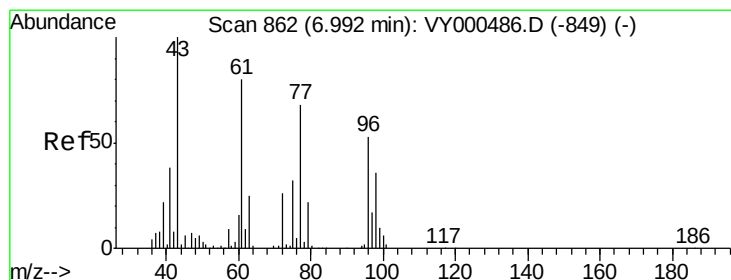
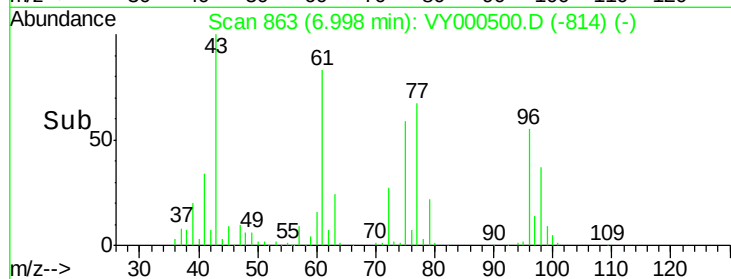
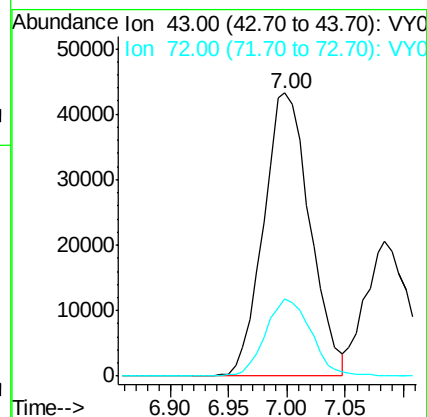
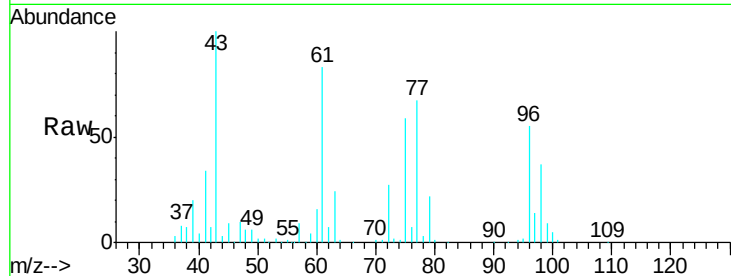
Acq: 31 Oct 2019 13:06

Tgt Ion: 43 Resp: 119072

Ion Ratio Lower Upper

43 100

72 27.3 20.9 31.3



#26

2,2-Dichloropropane

Concen: 20.057 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY000500.D

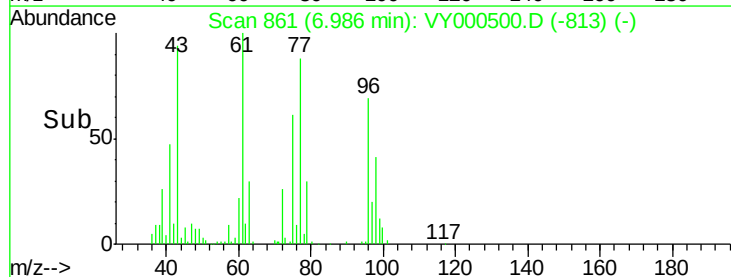
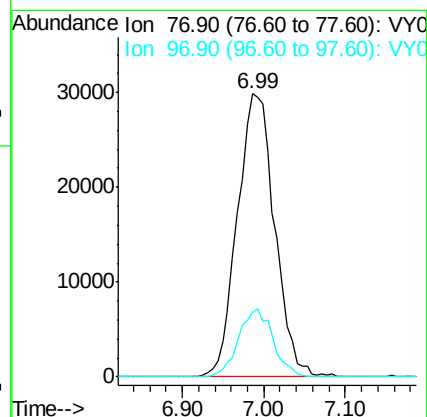
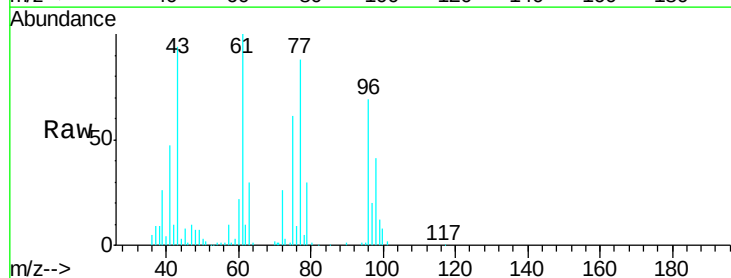
Acq: 31 Oct 2019 13:06

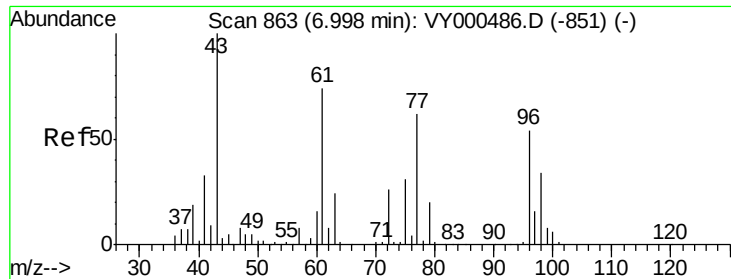
Tgt Ion: 77 Resp: 94747

Ion Ratio Lower Upper

77 100

97 22.4 11.8 35.4

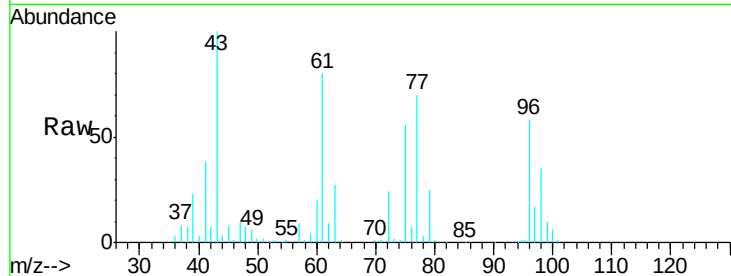




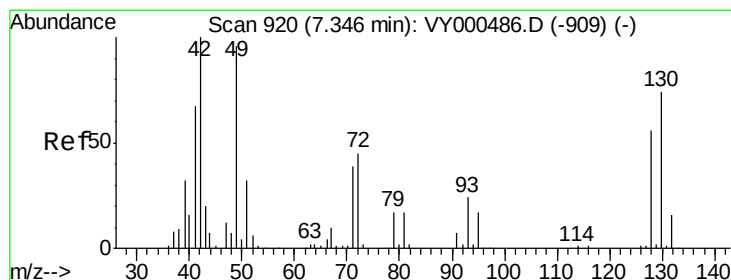
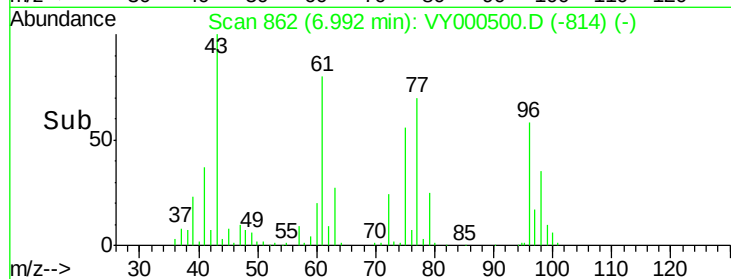
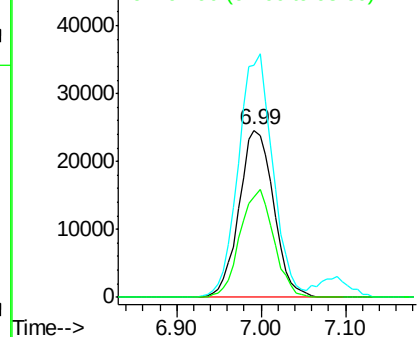
#27

cis-1,2-Dichloroethene
Concen: 20.499 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY000500.D
Acq: 31 Oct 2019 13:06

Tgt Ion	Ratio	Lower	Upper
96	100		
61	144.4	0.0	287.0
98	62.2	0.0	129.4



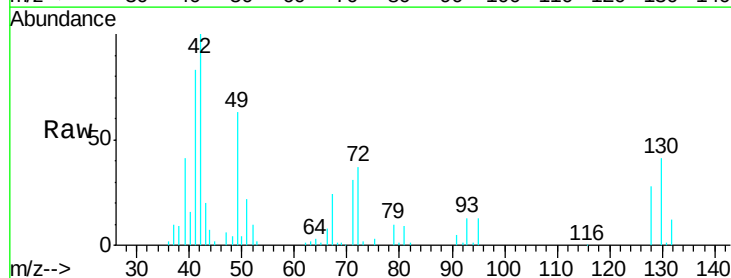
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



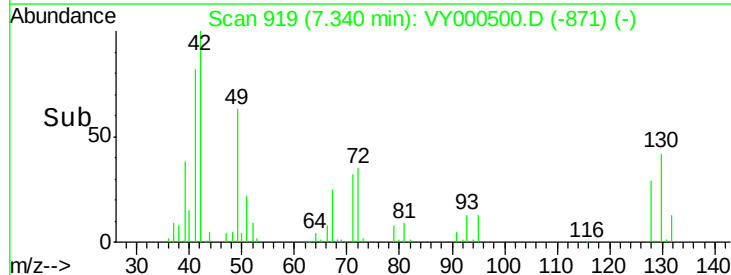
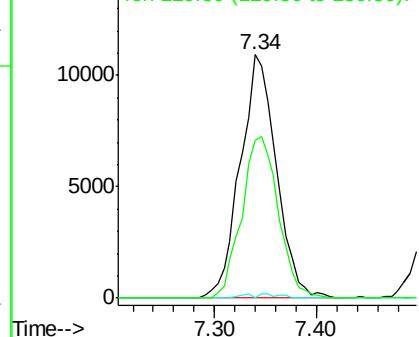
#28

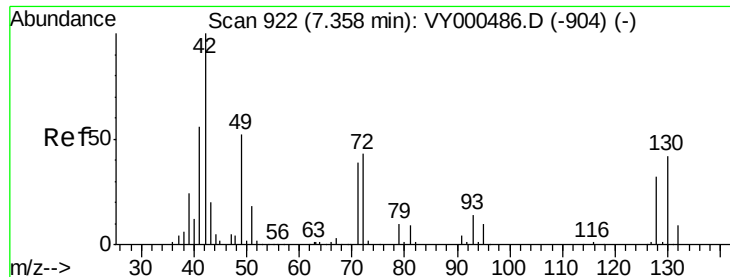
Bromochloromethane
Concen: 14.557 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY000500.D
Acq: 31 Oct 2019 13:06

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.9	0.0	3.6
130	67.2	59.4	89.0



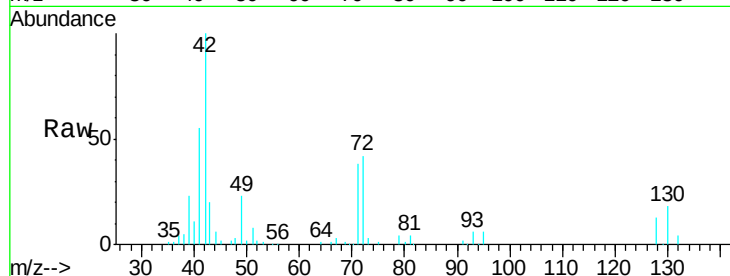
Abundance Ion 48.90 (48.60 to 49.60): VY0
Ion 128.80 (128.50 to 129.50): VY0
Ion 129.80 (129.50 to 130.50): VY0



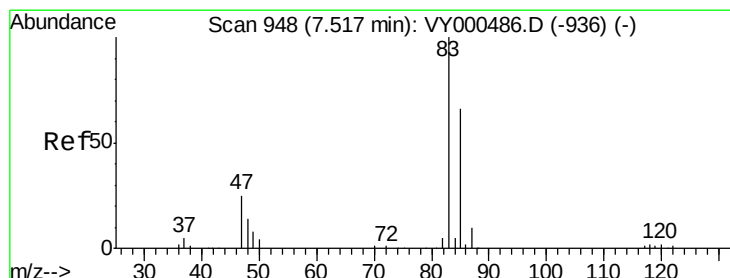
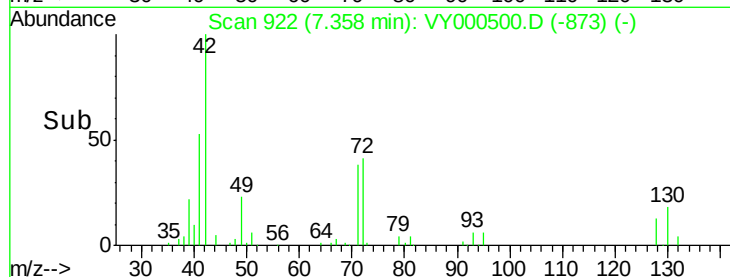
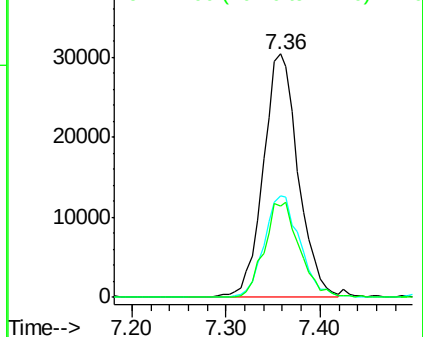


#29
Tetrahydrofuran
Concen: 104.578 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.00 min
Lab File: VY000500.D
Acq: 31 Oct 2019 13:06

Tgt Ion: 42 Resp: 78707
Ion Ratio Lower Upper
42 100
72 43.0 34.0 51.0
71 39.4 30.8 46.2

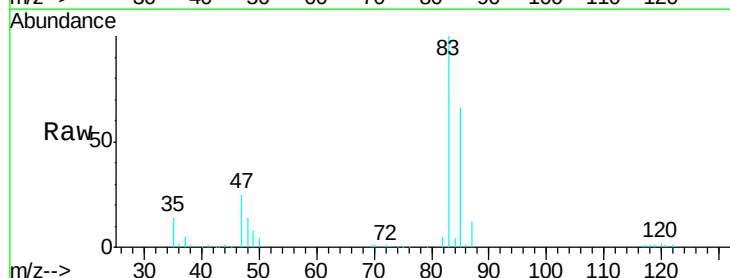


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

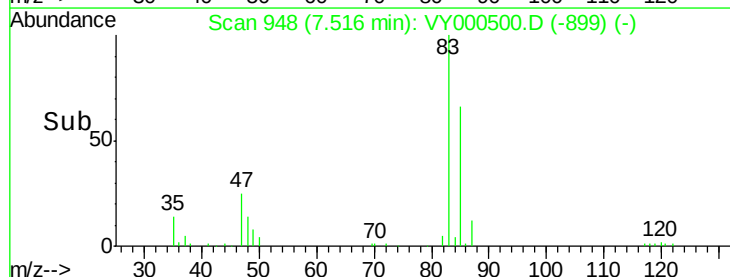
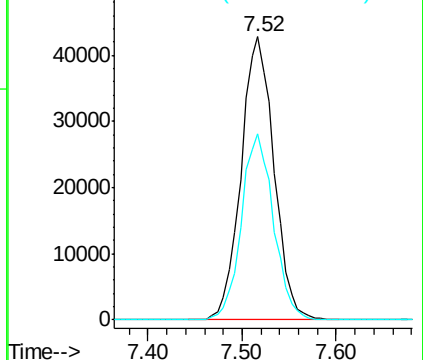


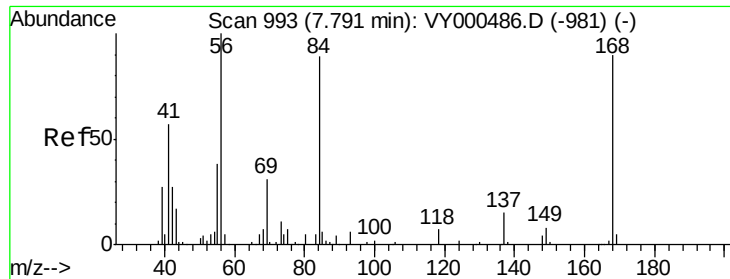
#30
Chloroform
Concen: 20.014 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.00 min
Lab File: VY000500.D
Acq: 31 Oct 2019 13:06

Tgt Ion: 83 Resp: 104651
Ion Ratio Lower Upper
83 100
85 65.6 53.0 79.4



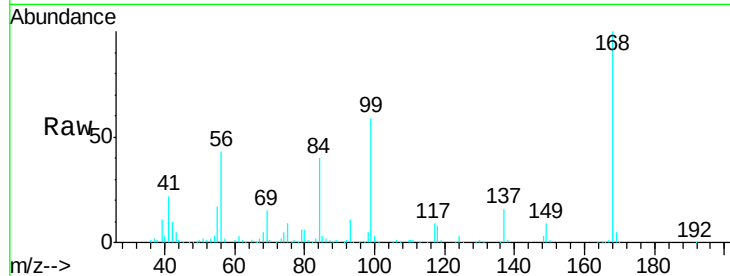
Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0



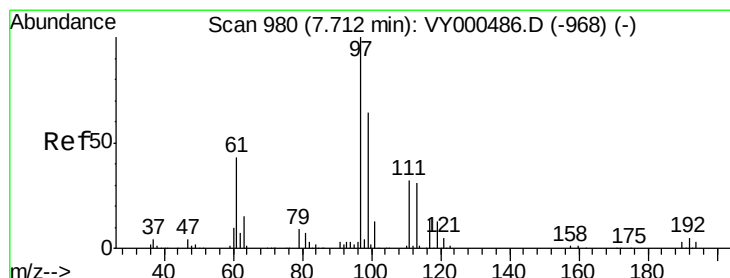
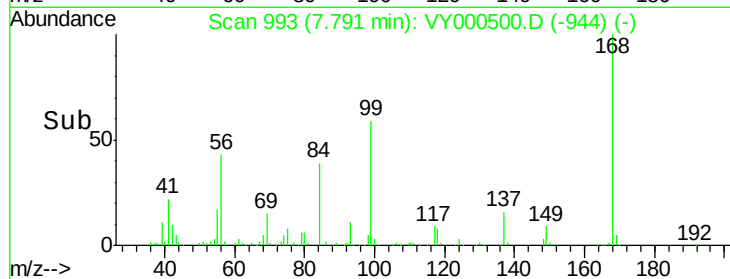
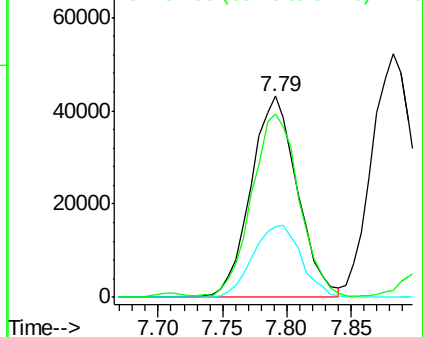


#31
Cyclohexane
Concen: 19.923 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.00 min
Lab File: VY000500.D
Acq: 31 Oct 2019 13:06

Tgt Ion: 56 Resp: 107860
Ion Ratio Lower Upper
56 100
69 35.1 25.0 37.6
84 90.1 71.4 107.2

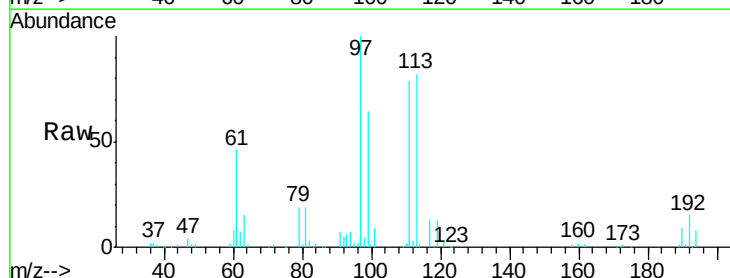


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

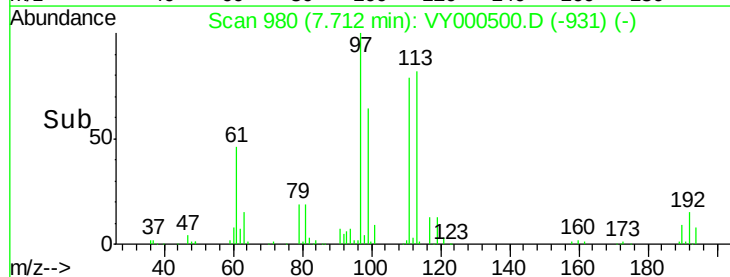
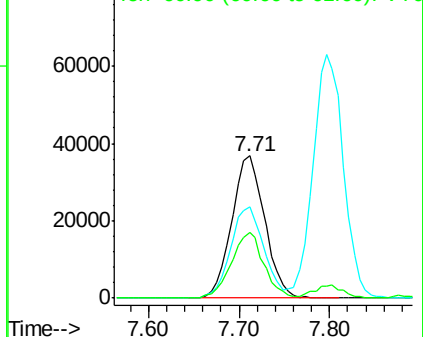


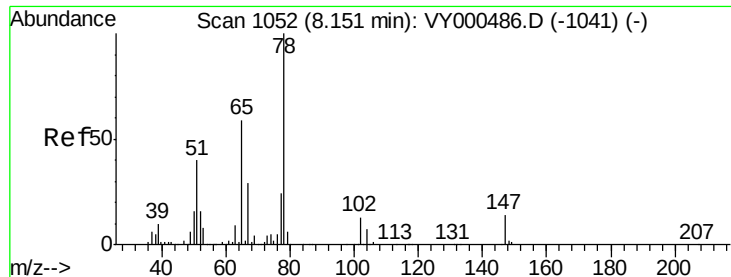
#32
1,1,1-Trichloroethane
Concen: 19.845 ug/l
RT: 7.71 min Scan# 980
Delta R.T. -0.00 min
Lab File: VY000500.D
Acq: 31 Oct 2019 13:06

Tgt Ion: 97 Resp: 92481
Ion Ratio Lower Upper
97 100
99 64.4 50.9 76.3
61 45.8 34.9 52.3



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





#33

1,2-Dichloroethane-d4

Concen: 48.721 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY000500.D

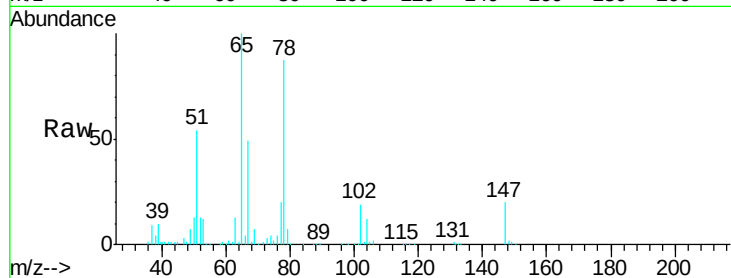
Acq: 31 Oct 2019 13:06

Tgt Ion: 65 Resp: 136267

Ion Ratio Lower Upper

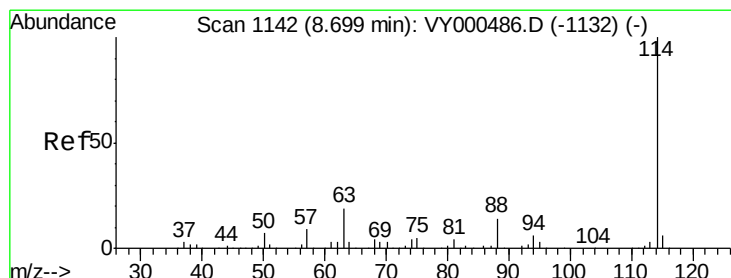
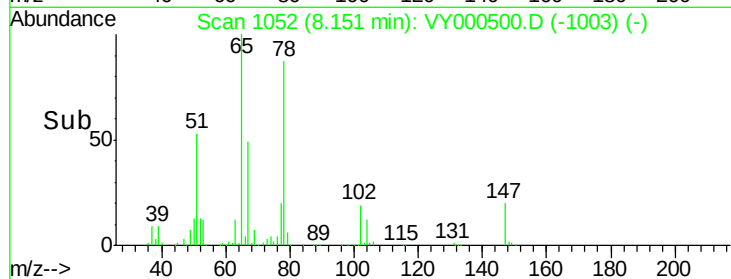
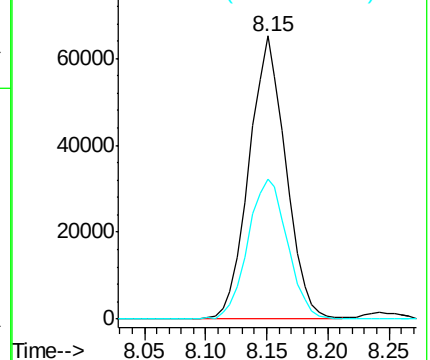
65 100

67 53.1 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.01 min

Lab File: VY000500.D

Acq: 31 Oct 2019 13:06

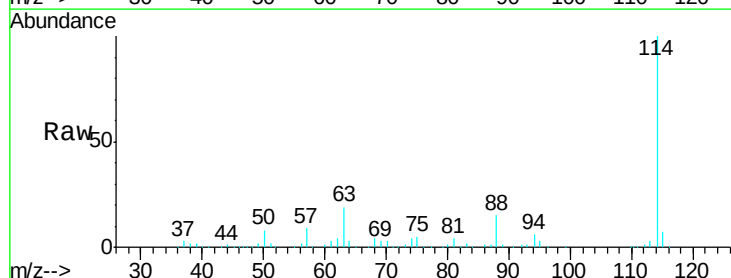
Tgt Ion: 114 Resp: 434215

Ion Ratio Lower Upper

114 100

63 19.2 0.0 38.0

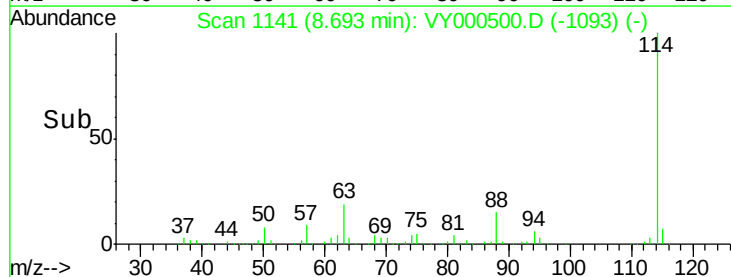
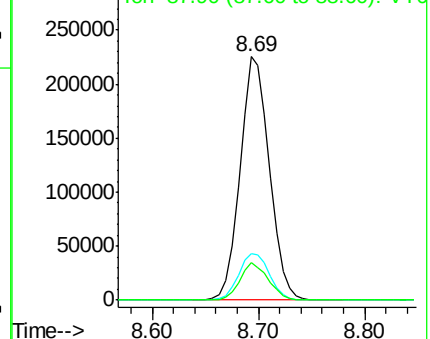
88 15.2 0.0 28.6

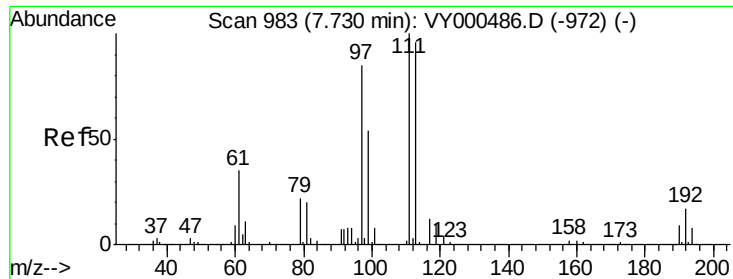


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

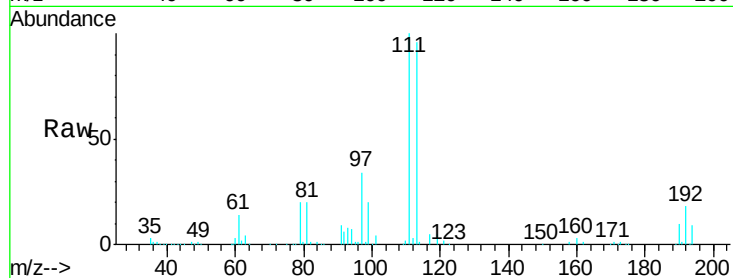
Ion 87.90 (87.60 to 88.60): VY0



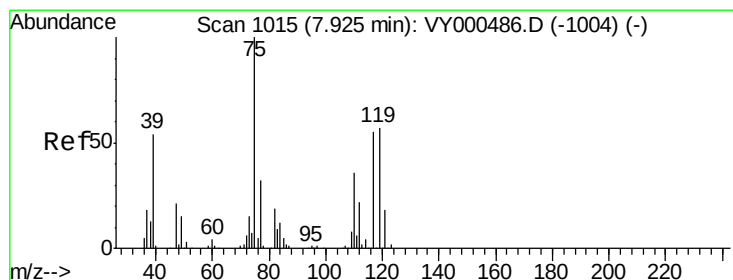
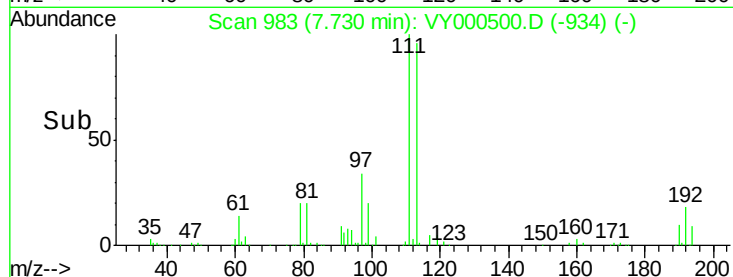
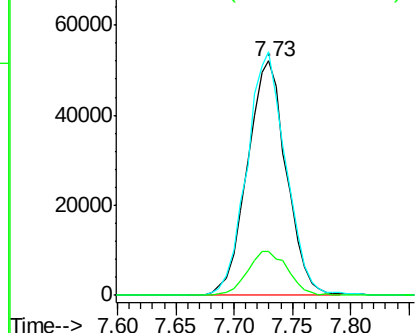


#35
 Dibromofluoromethane
 Concen: 47.519 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY000500.D
 Acq: 31 Oct 2019 13:06

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.0	81.7	122.5
192	19.4	15.0	22.4

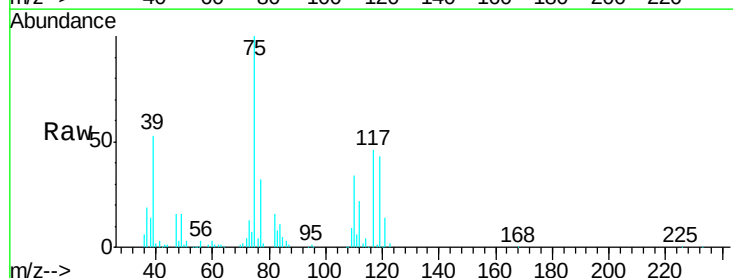


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

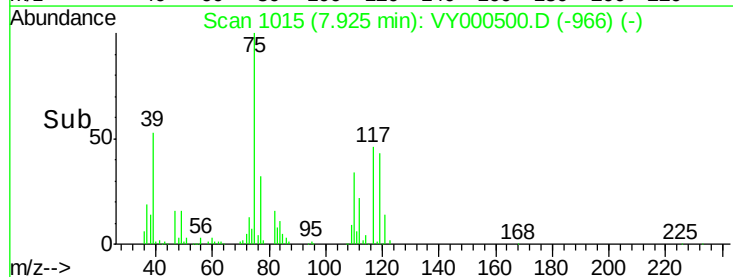
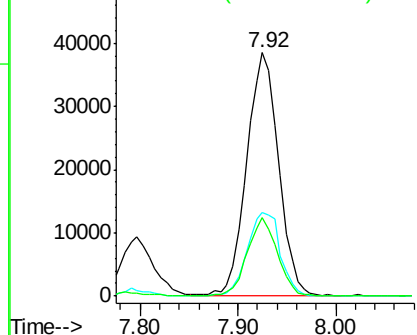


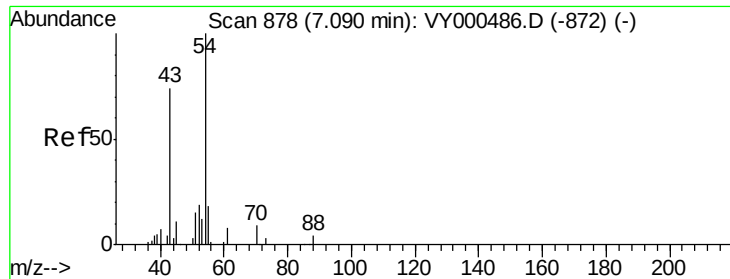
#36
 1,1-Dichloropropene
 Concen: 21.143 ug/l
 RT: 7.92 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: VY000500.D
 Acq: 31 Oct 2019 13:06

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.4	18.1	54.1
77	30.8	25.0	37.6



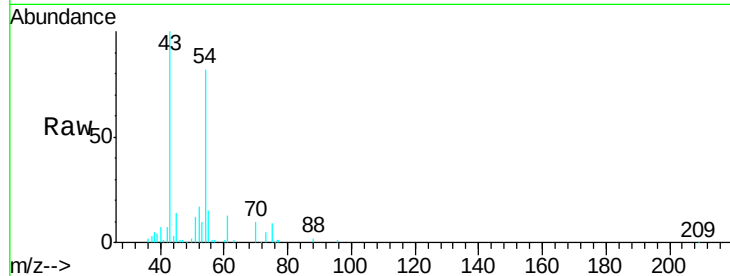
Abundance Ion 74.90 (74.60 to 75.60): VY0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VY0



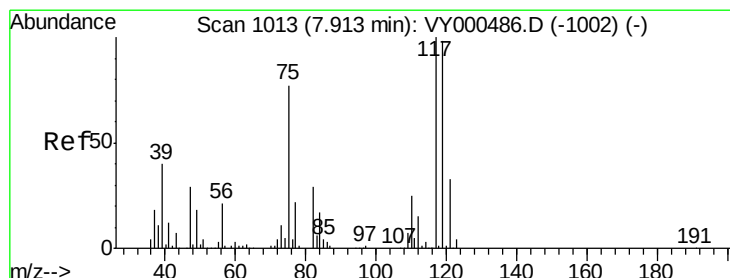
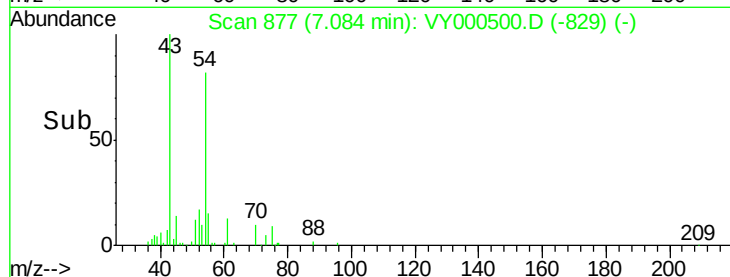
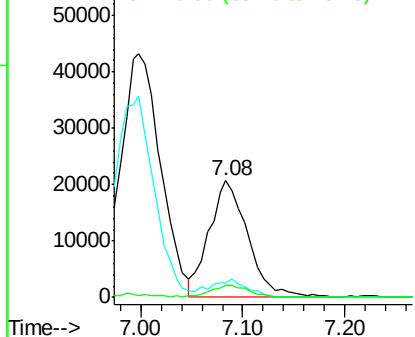


#37
Ethyl Acetate
Concen: 22.114 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY000500.D
Acq: 31 Oct 2019 13:06

Tgt Ion: 43 Resp: 53893
Ion Ratio Lower Upper
43 100
61 14.6 10.2 15.2
70 10.5 7.8 11.8

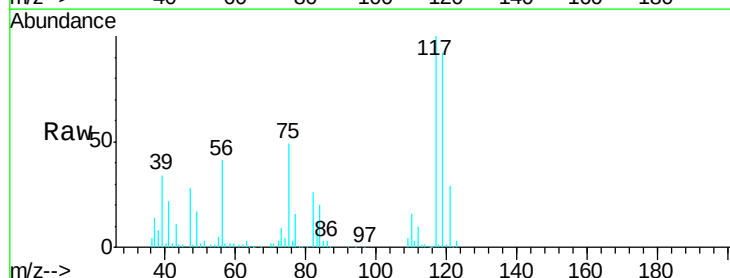


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 70.00 (69.70 to 70.70): VY0

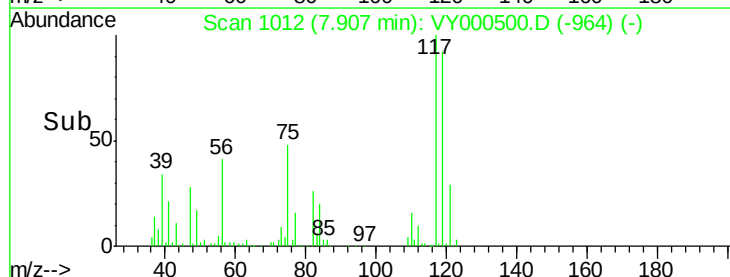
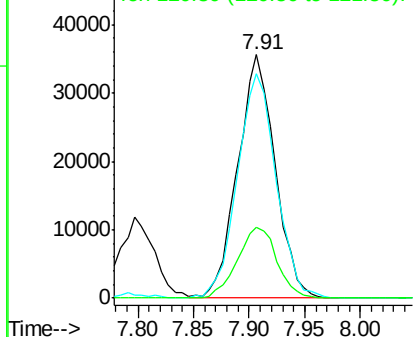


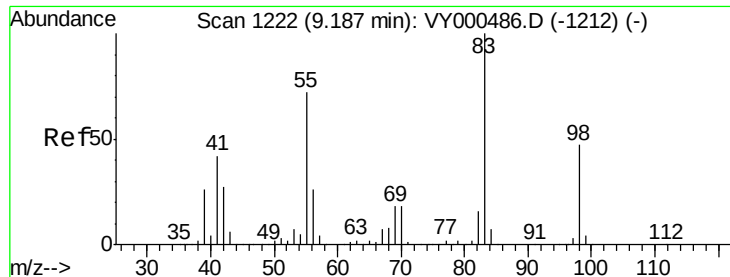
#38
Carbon Tetrachloride
Concen: 21.108 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY000500.D
Acq: 31 Oct 2019 13:06

Tgt Ion: 117 Resp: 83371
Ion Ratio Lower Upper
117 100
119 92.2 78.0 117.0
121 29.3 26.6 40.0



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

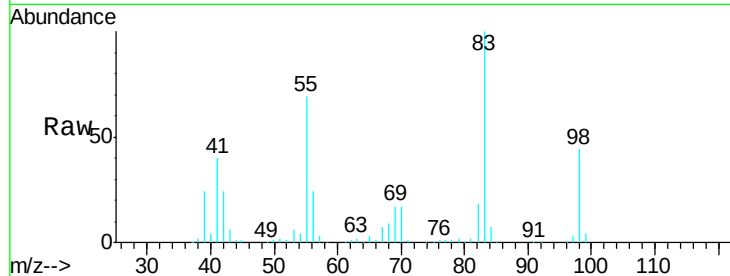




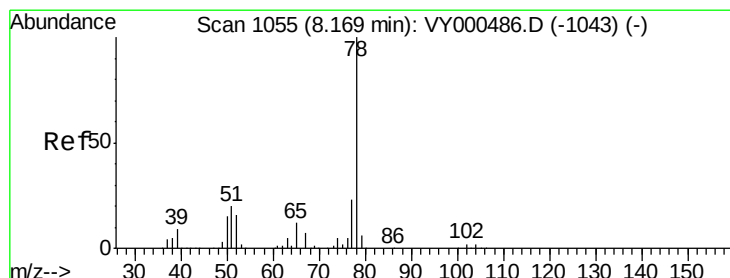
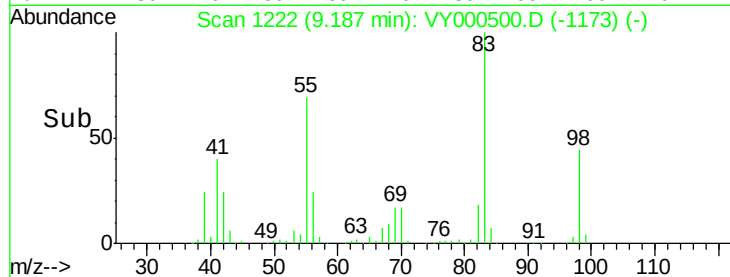
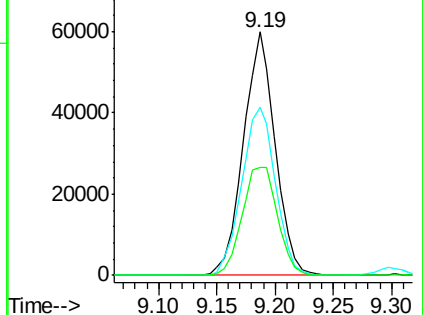
#39
Methylcyclohexane
Concen: 21.501 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY000500.D
Acq: 31 Oct 2019 13:06

Tgt Ion: 83 Resp: 114022

Ion	Ratio	Lower	Upper
83	100		
55	68.8	57.5	86.3
98	44.5	38.0	57.0



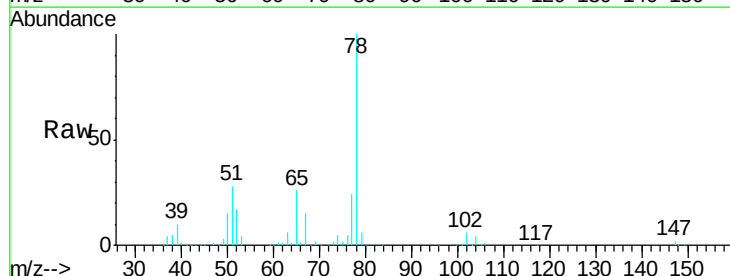
Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0



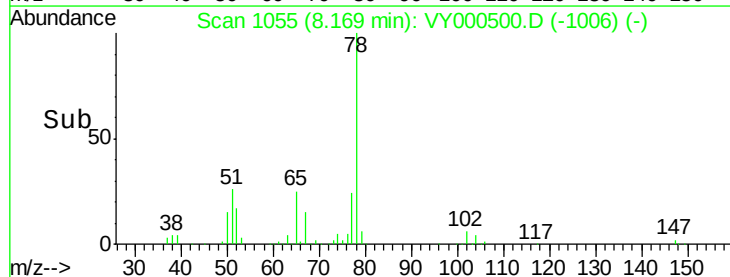
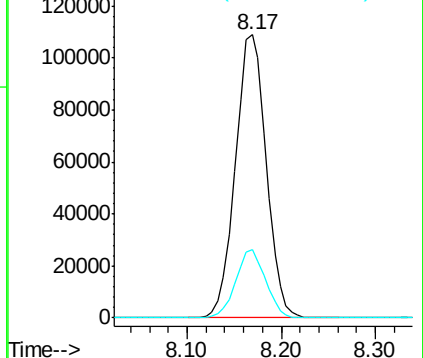
#40
Benzene
Concen: 20.562 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY000500.D
Acq: 31 Oct 2019 13:06

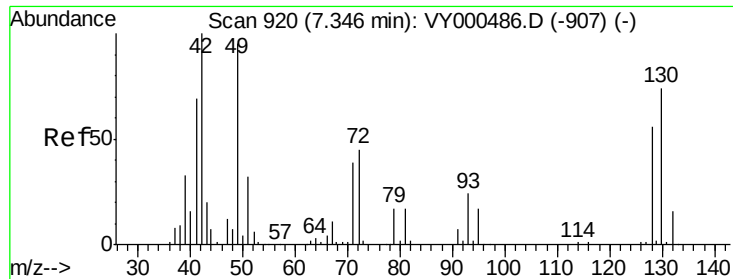
Tgt Ion: 78 Resp: 247454

Ion	Ratio	Lower	Upper
78	100		
77	24.3	18.6	28.0



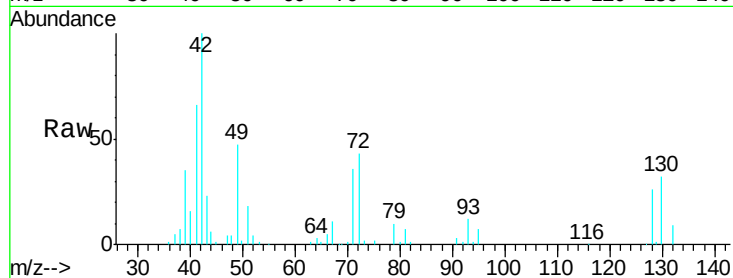
Abundance Ion 78.00 (77.70 to 78.70): VY0
Ion 77.00 (76.70 to 77.70): VY0



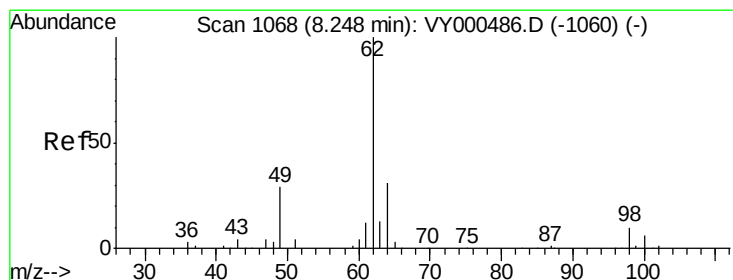
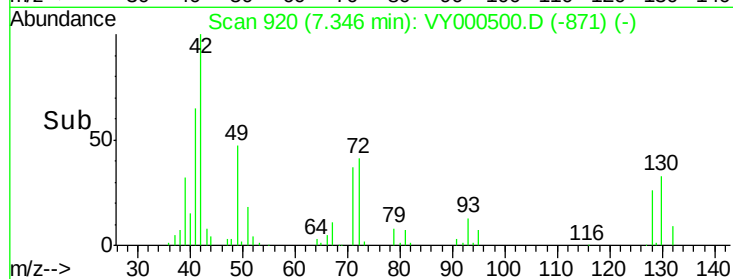
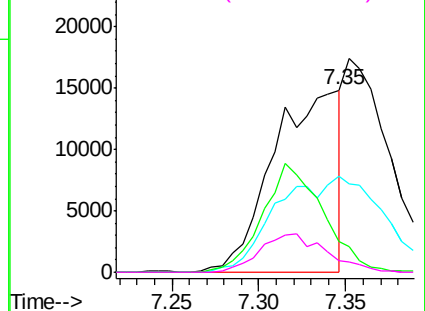


#41
Methacrylonitrile
Concen: 29.209 ug/l m
RT: 7.35 min Scan# 920
Delta R.T. -0.00 min
Lab File: VY000500.D
Acq: 31 Oct 2019 13:06

Tgt Ion:	41	Resp:	39711
Ion	Ratio	Lower	Upper
41	100		
39	0.0	68.2	102.4#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

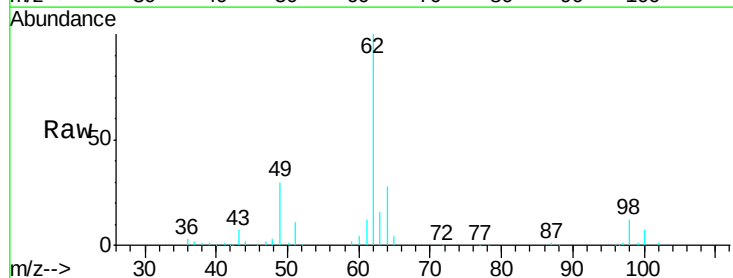


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

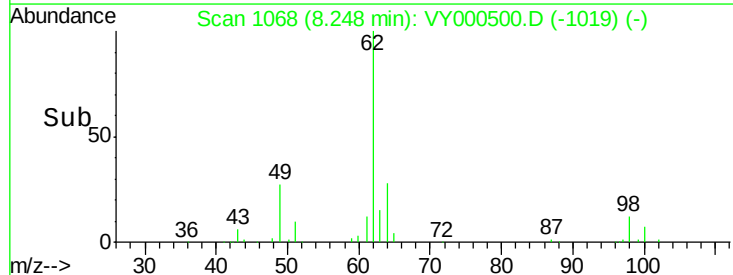
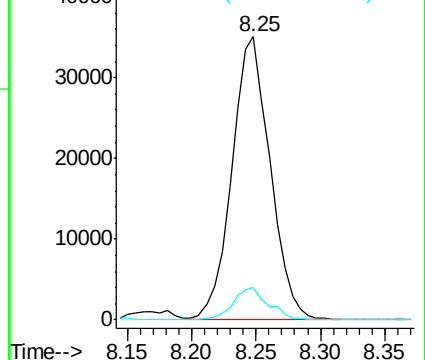


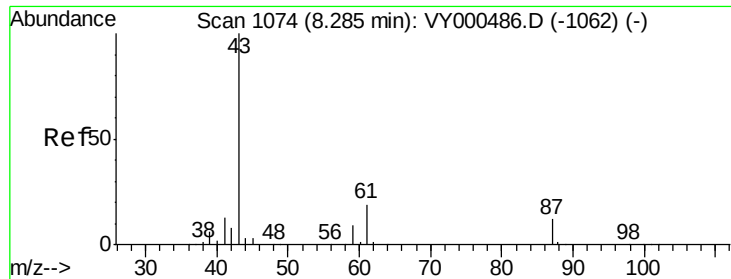
#42
1,2-Dichloroethane
Concen: 21.187 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. -0.00 min
Lab File: VY000500.D
Acq: 31 Oct 2019 13:06

Tgt Ion:	62	Resp:	72319
Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	19.2



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





#43

Isopropyl Acetate

Concen: 21.756 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.01 min

Lab File: VY000500.D

Acq: 31 Oct 2019 13:06

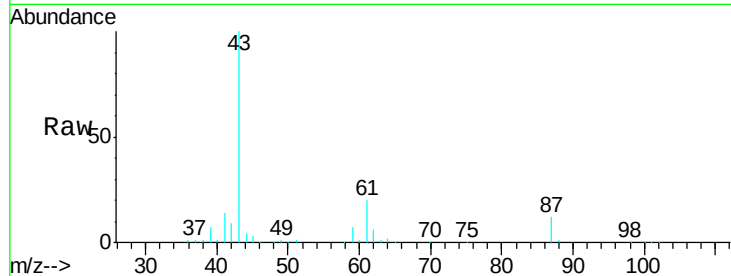
Tgt Ion: 43 Resp: 99598

Ion Ratio Lower Upper

43 100

61 28.3 23.0 34.4

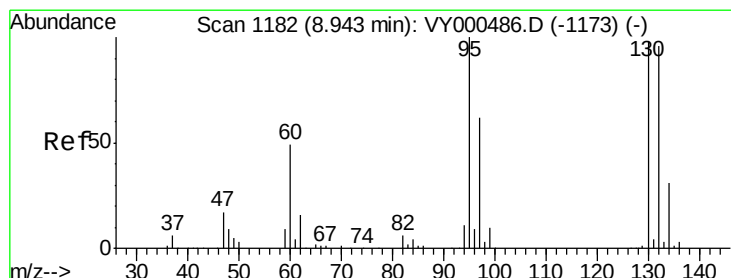
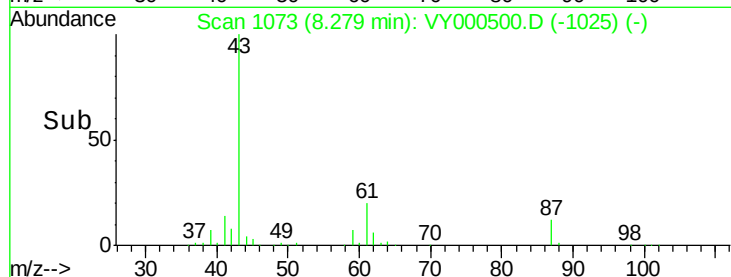
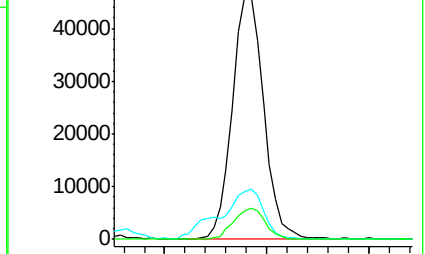
87 12.8 10.5 15.7



Abundance Ion 43.00 (42.70 to 43.70): VY000486.D (-1062) (-)

Ion 61.00 (60.70 to 61.70): VY000486.D (-1062) (-)

Ion 87.00 (86.70 to 87.70): VY000486.D (-1062) (-)



#44

Trichloroethene

Concen: 21.183 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VY000500.D

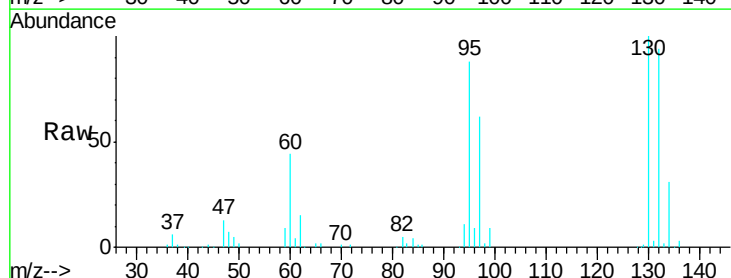
Acq: 31 Oct 2019 13:06

Tgt Ion: 130 Resp: 67214

Ion Ratio Lower Upper

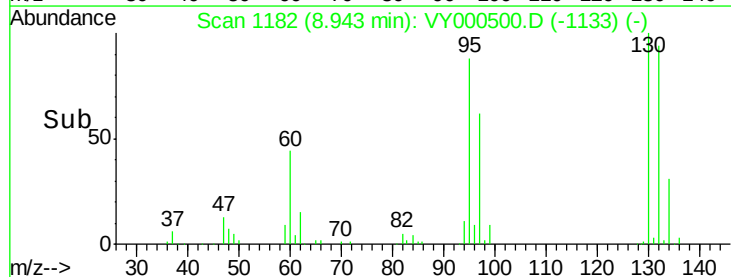
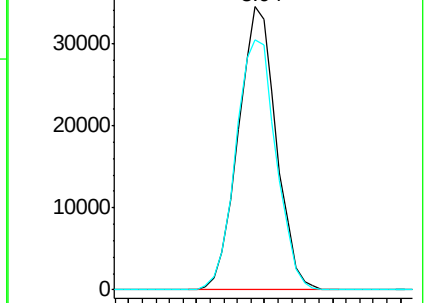
130 100

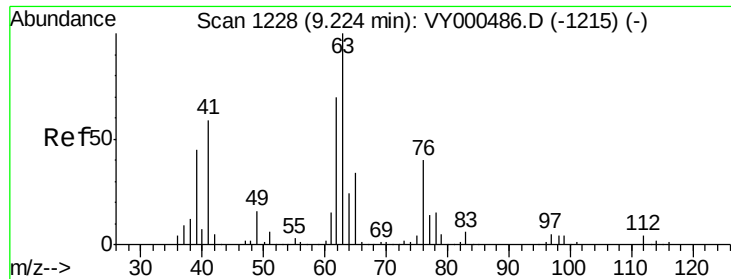
95 88.2 0.0 203.2



Abundance Ion 129.80 (129.50 to 130.50): VY000486.D (-1173) (-)

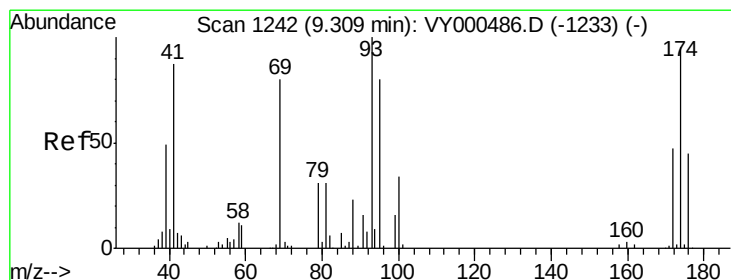
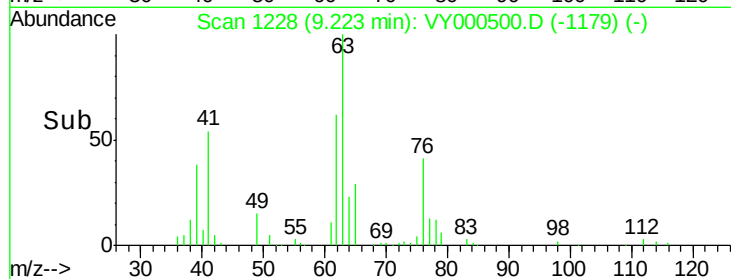
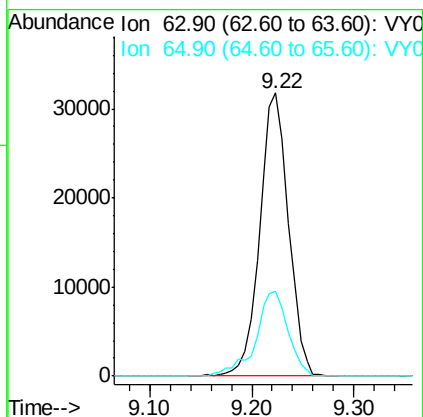
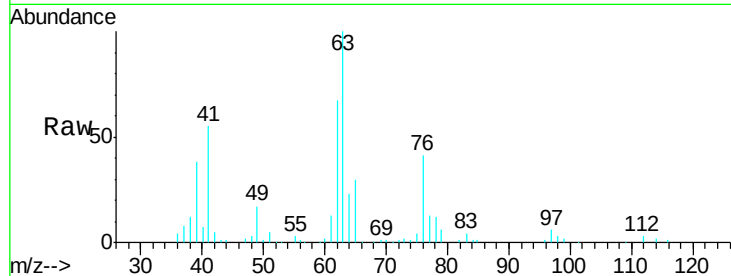
Ion 94.90 (94.60 to 95.60): VY000486.D (-1173) (-)





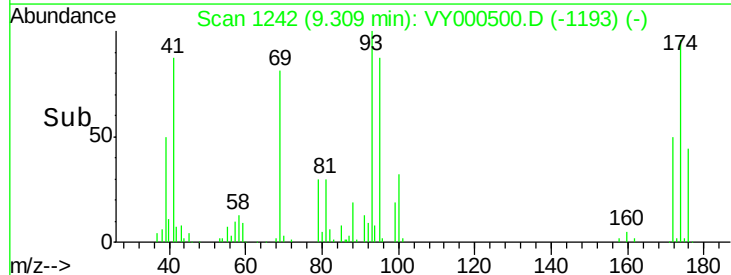
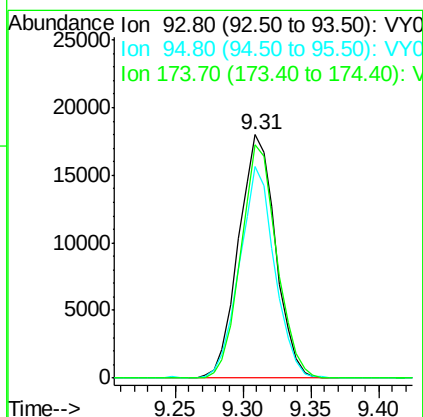
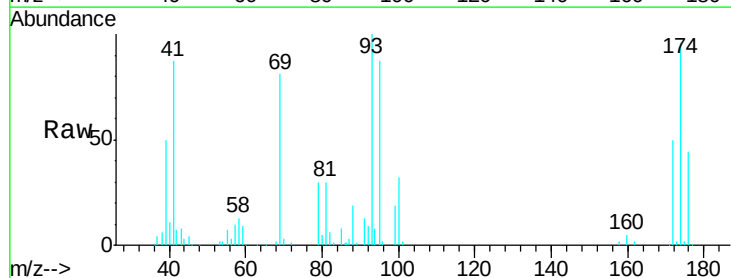
#45
 1,2-Dichloropropane
 Concen: 21.053 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VY000500.D
 Acq: 31 Oct 2019 13:06

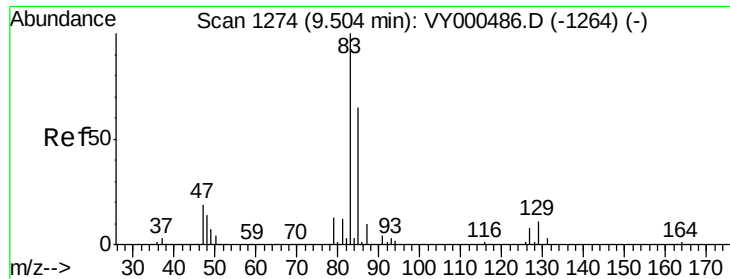
Tgt Ion: 63 Resp: 62358
 Ion Ratio Lower Upper
 63 100
 65 30.0 27.0 40.4



#46
 Dibromomethane
 Concen: 20.973 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY000500.D
 Acq: 31 Oct 2019 13:06

Tgt Ion: 93 Resp: 34163
 Ion Ratio Lower Upper
 93 100
 95 82.4 66.4 99.6
 174 93.2 77.1 115.7





#47

Bromodichloromethane

Concen: 20.270 ug/l

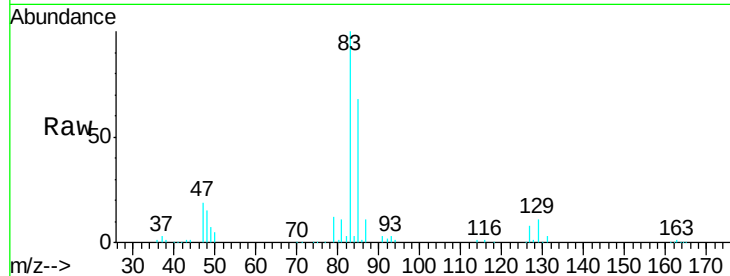
RT: 9.50 min Scan# 1274

Delta R.T. -0.00 min

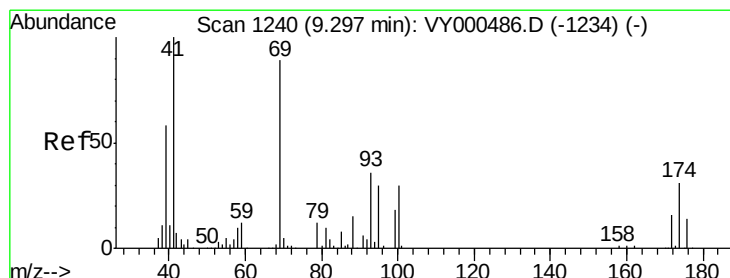
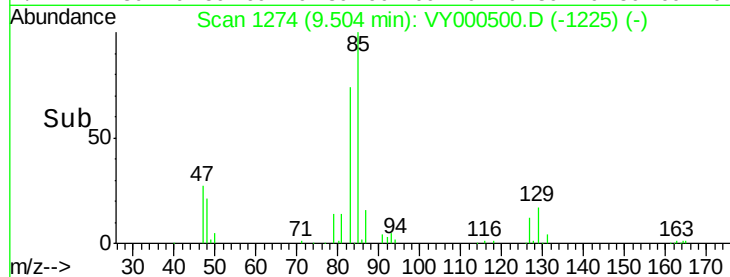
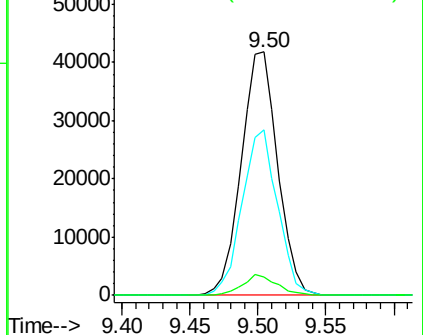
Lab File: VY000500.D

Acq: 31 Oct 2019 13:06

Tgt Ion:	83	Resp:	78347
Ion	Ratio	Lower	Upper
83	100		
85	68.0	51.8	77.8
127	7.8	6.7	10.1



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



#48

Methyl methacrylate

Concen: 21.420 ug/l

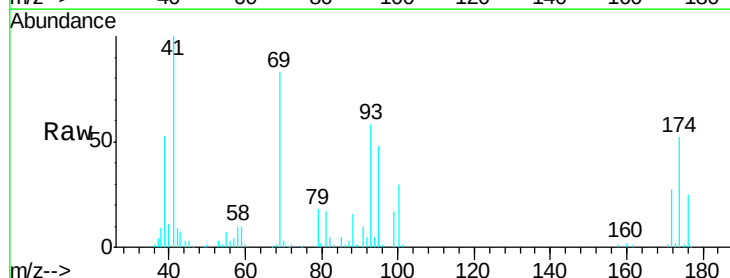
RT: 9.30 min Scan# 1241

Delta R.T. 0.01 min

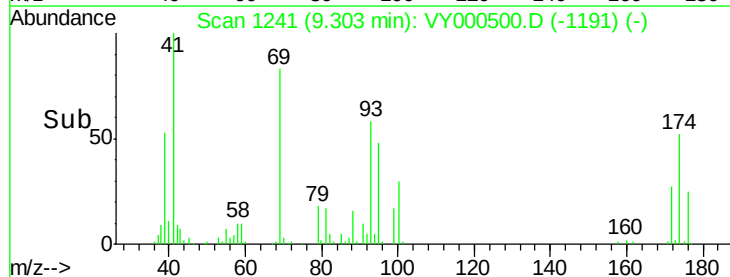
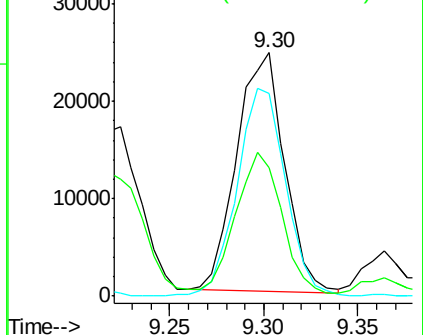
Lab File: VY000500.D

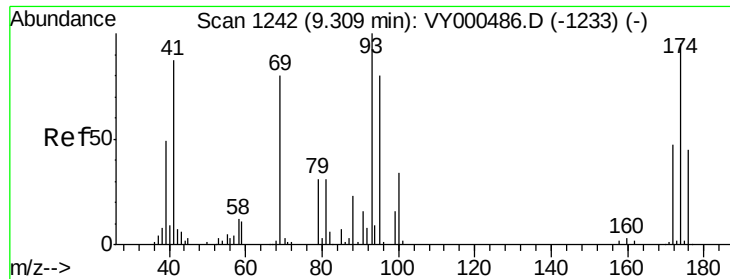
Acq: 31 Oct 2019 13:06

Tgt Ion:	41	Resp:	42845
Ion	Ratio	Lower	Upper
41	100		
69	88.9	72.5	108.7
39	59.3	47.8	71.8



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: 436.389 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. -0.01 min

Lab File: VY000500.D

Acq: 31 Oct 2019 13:06

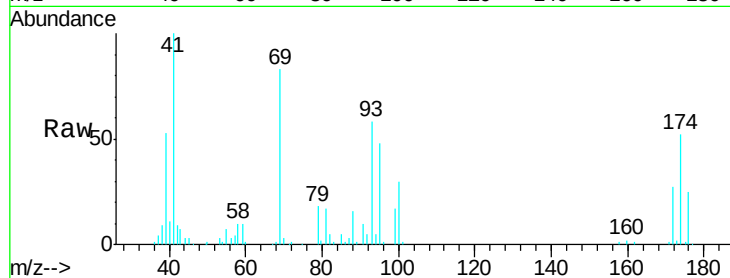
Tgt Ion: 88 Resp: 9567

Ion Ratio Lower Upper

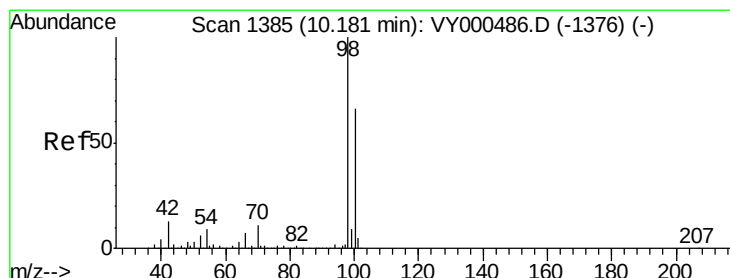
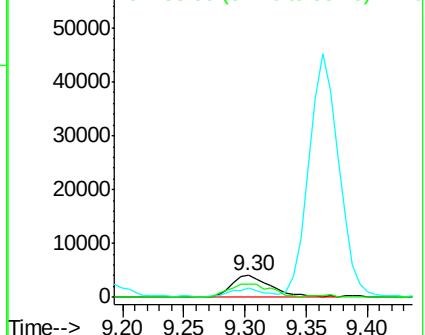
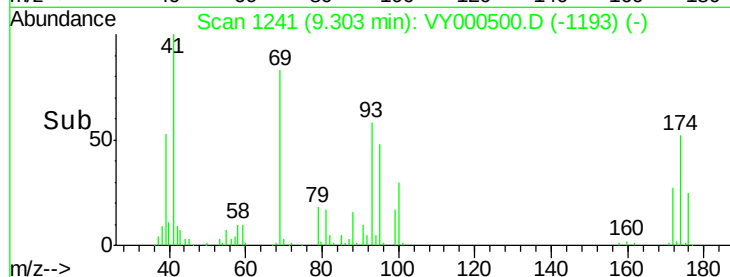
88 100

43 32.2 25.1 37.7

58 63.7 50.6 75.8



Abundance Ion 88.00 (87.70 to 88.70): VY000500.D (-1193) (-)



#50

Toluene-d8

Concen: 51.604 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000500.D

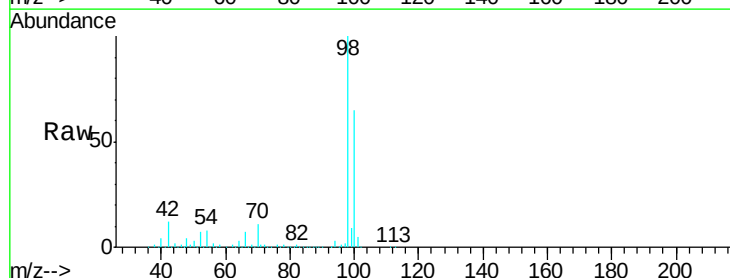
Acq: 31 Oct 2019 13:06

Tgt Ion: 98 Resp: 499145

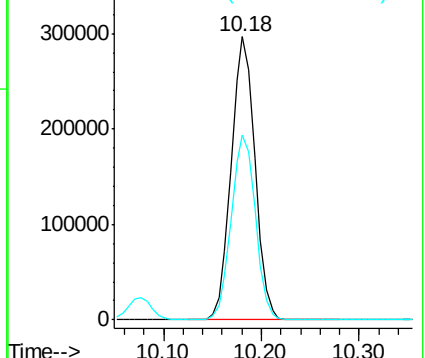
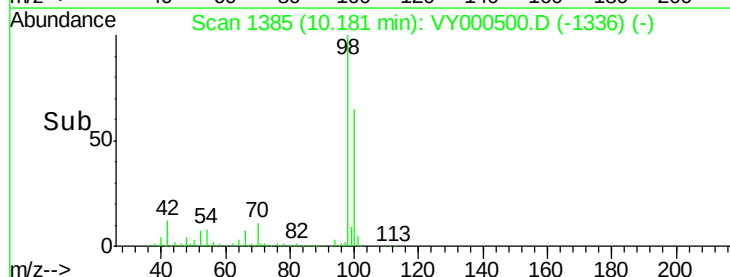
Ion Ratio Lower Upper

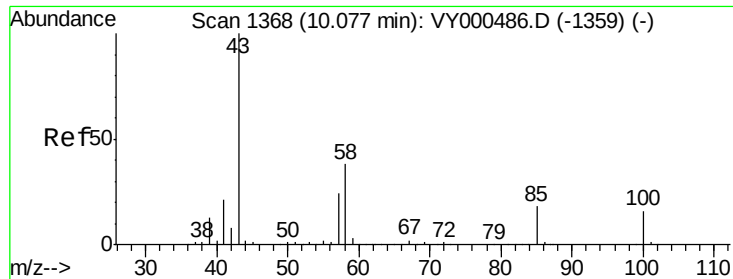
98 100

100 66.4 52.9 79.3



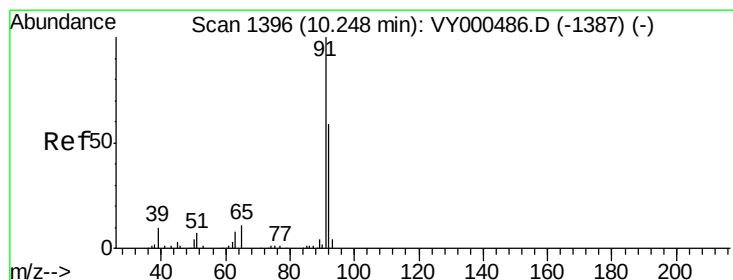
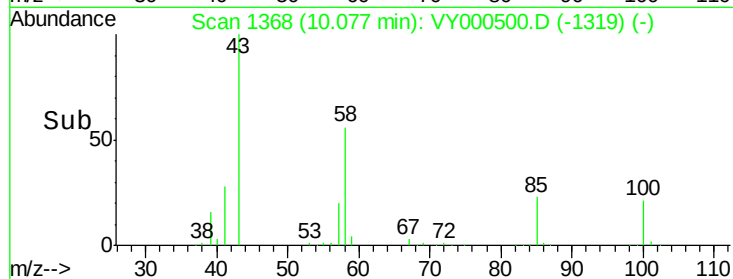
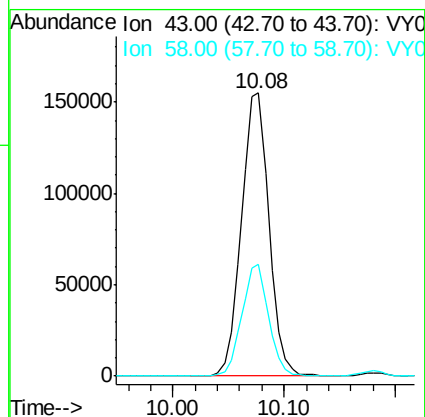
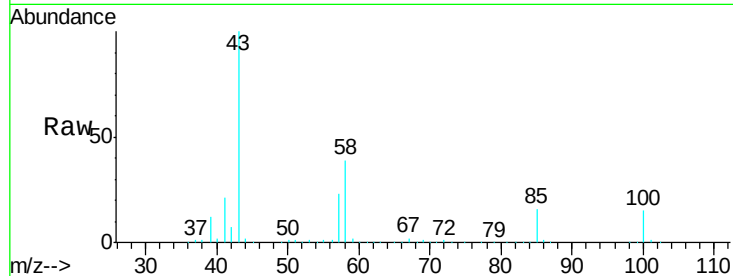
Abundance Ion 98.00 (97.70 to 98.70): VY000500.D (-1336) (-)





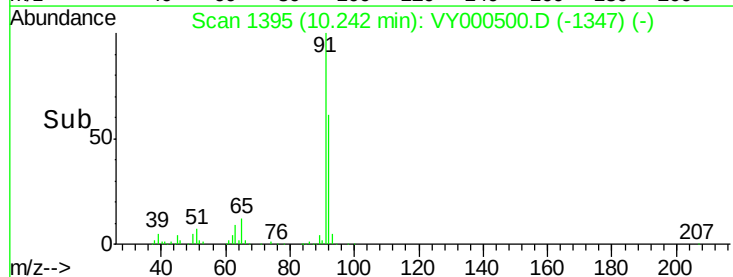
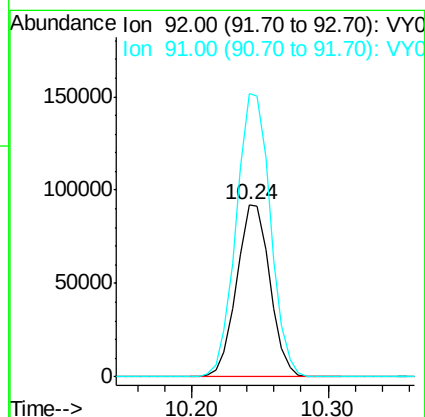
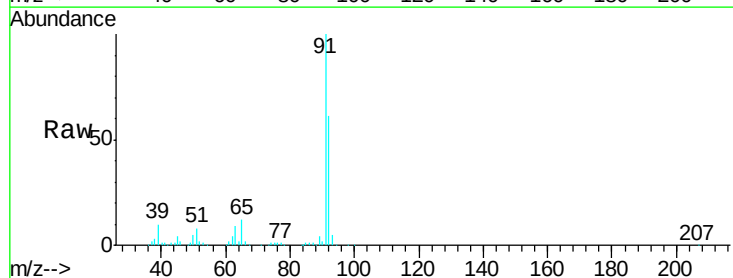
#51
 4-Methyl-2-Pentanone
 Concen: 109.165 ug/l
 RT: 10.08 min Scan# 1368
 Delta R.T. -0.00 min
 Lab File: VY000500.D
 Acq: 31 Oct 2019 13:06

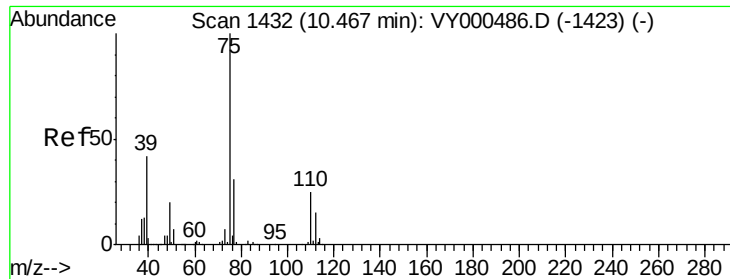
Tgt Ion: 43 Resp: 265710
 Ion Ratio Lower Upper
 43 100
 58 38.2 30.2 45.4



#52
 Toluene
 Concen: 20.732 ug/l
 RT: 10.24 min Scan# 1395
 Delta R.T. -0.01 min
 Lab File: VY000500.D
 Acq: 31 Oct 2019 13:06

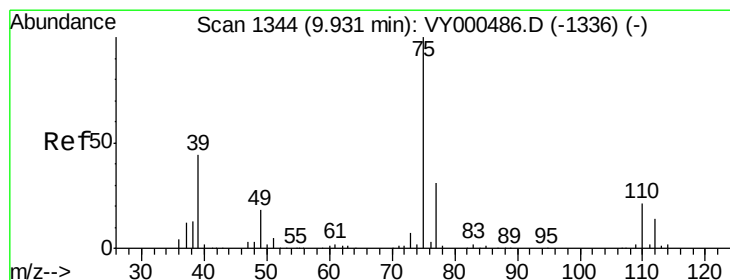
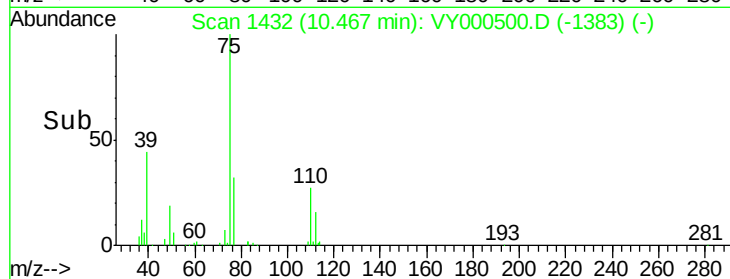
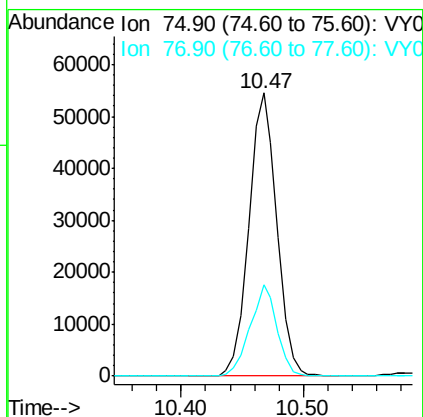
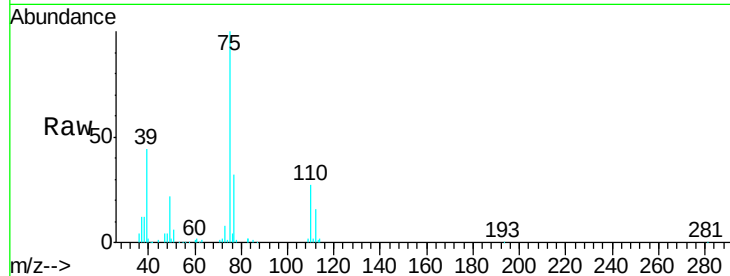
Tgt Ion: 92 Resp: 157742
 Ion Ratio Lower Upper
 92 100
 91 168.7 136.3 204.5





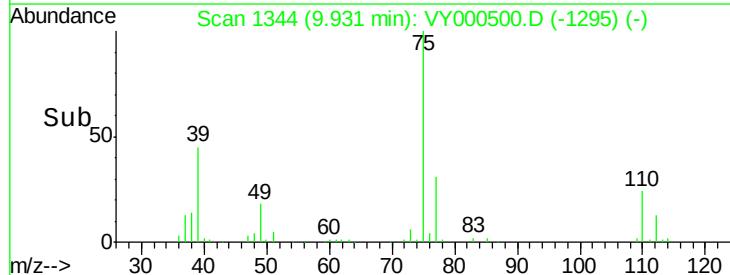
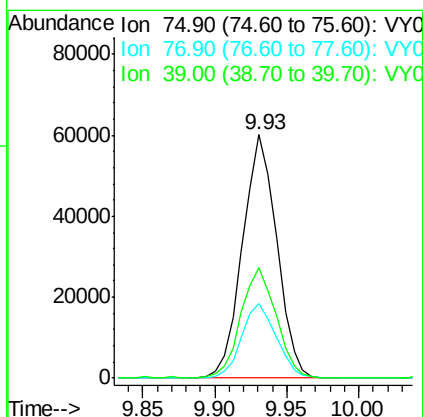
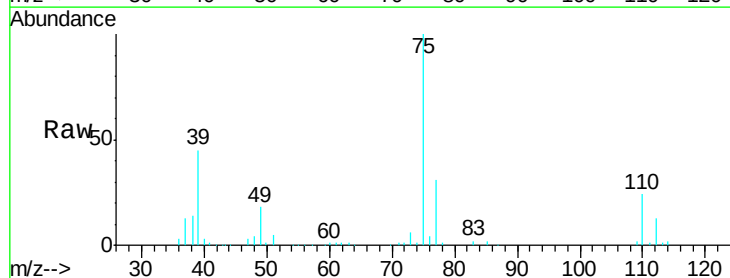
#53
t-1,3-Dichloropropene
Concen: 20.910 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VY000500.D
Acq: 31 Oct 2019 13:06

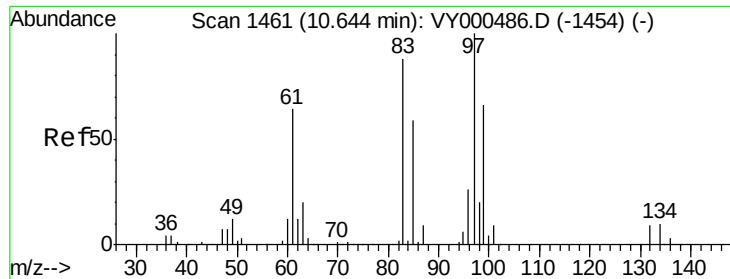
Tgt Ion: 75 Resp: 86357
Ion Ratio Lower Upper
75 100
77 32.2 24.6 37.0



#54
cis-1,3-Dichloropropene
Concen: 20.913 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. -0.00 min
Lab File: VY000500.D
Acq: 31 Oct 2019 13:06

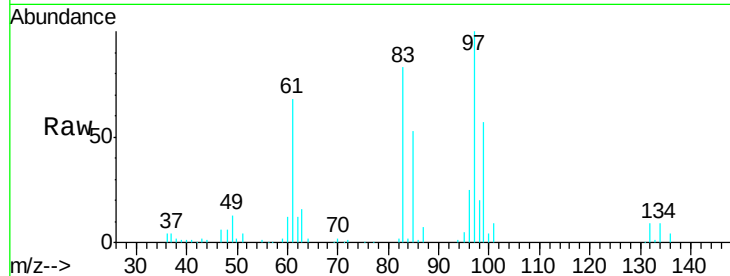
Tgt Ion: 75 Resp: 98944
Ion Ratio Lower Upper
75 100
77 30.7 24.5 36.7
39 45.3 35.4 53.2



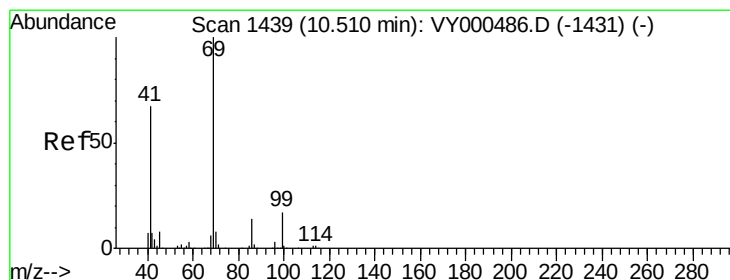
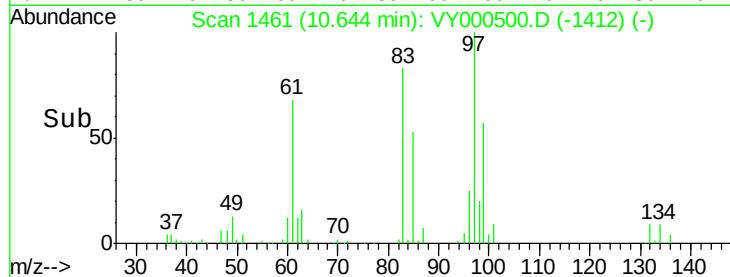
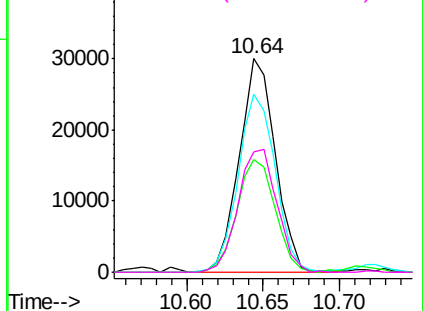


#55
 1,1,2-Trichloroethane
 Concen: 20.740 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY000500.D
 Acq: 31 Oct 2019 13:06

Tgt Ion:	97	Resp:	48864
Ion	Ratio	Lower	Upper
97	100		
83	83.5	70.2	105.4
85	53.0	46.9	70.3
99	56.6	52.6	78.8

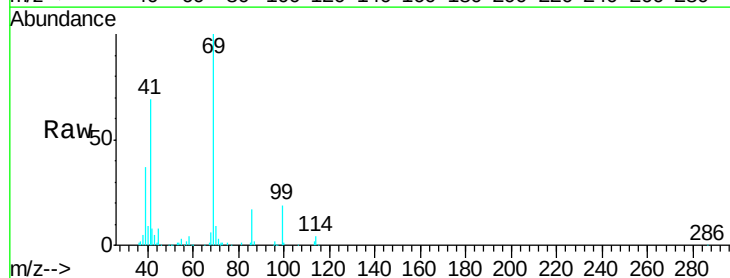


Abundance Ion 96.90 (96.60 to 97.60): VY0
 Ion 82.90 (82.60 to 83.60): VY0
 Ion 84.90 (84.60 to 85.60): VY0
 Ion 98.90 (98.60 to 99.60): VY0

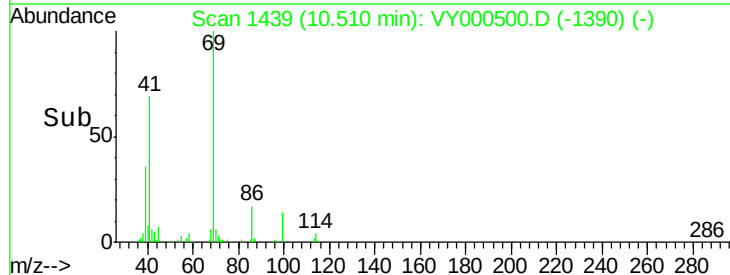
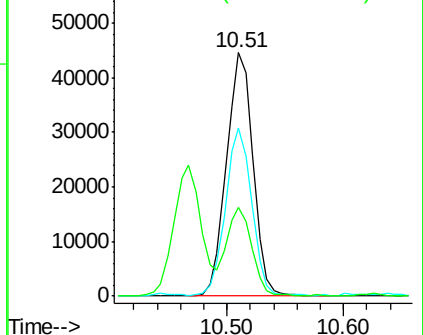


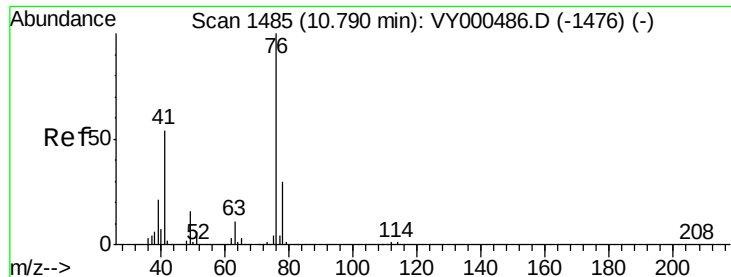
#56
 Ethyl methacrylate
 Concen: 21.161 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY000500.D
 Acq: 31 Oct 2019 13:06

Tgt Ion:	69	Resp:	70663
Ion	Ratio	Lower	Upper
69	100		
41	68.0	53.3	79.9
39	33.9	28.0	42.0



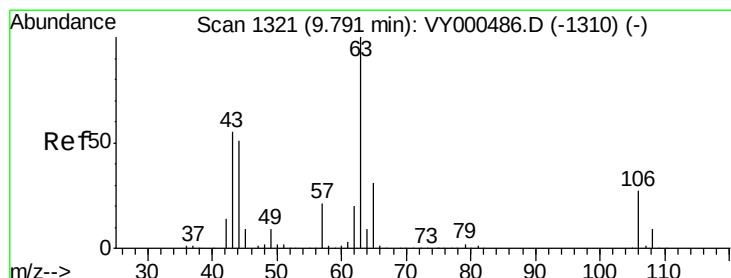
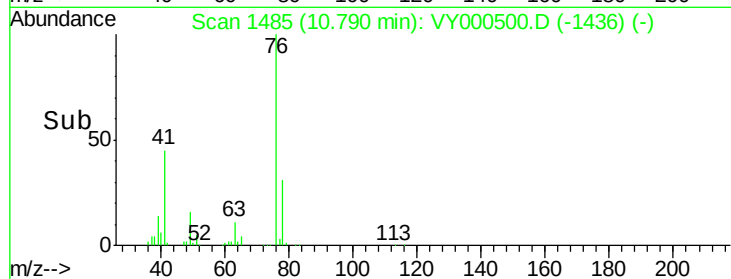
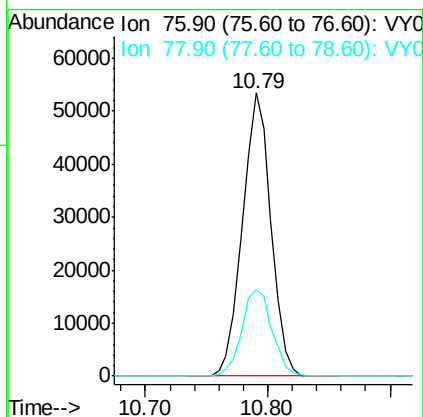
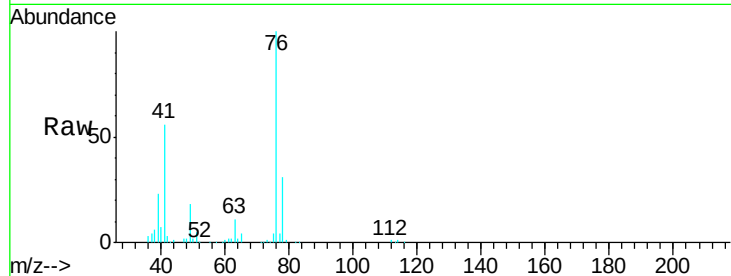
Abundance Ion 69.00 (68.70 to 69.70): VY0
 Ion 41.00 (40.70 to 41.70): VY0
 Ion 39.00 (38.70 to 39.70): VY0





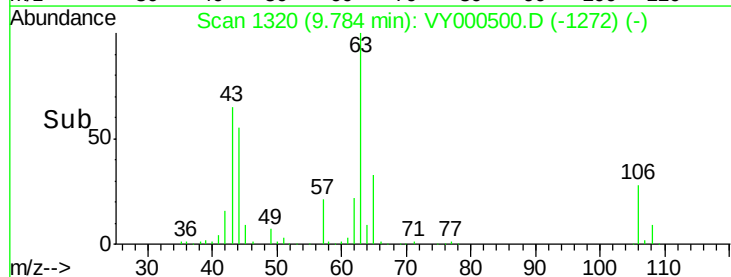
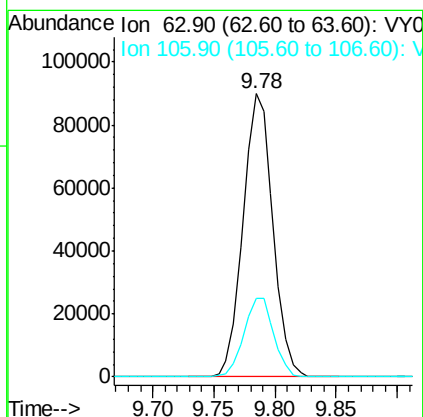
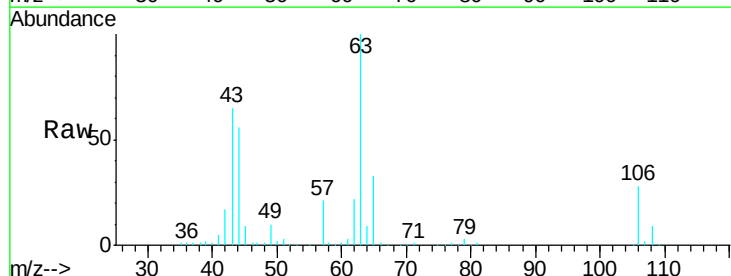
#57
 1,3-Dichloropropane
 Concen: 20.886 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VY000500.D
 Acq: 31 Oct 2019 13:06

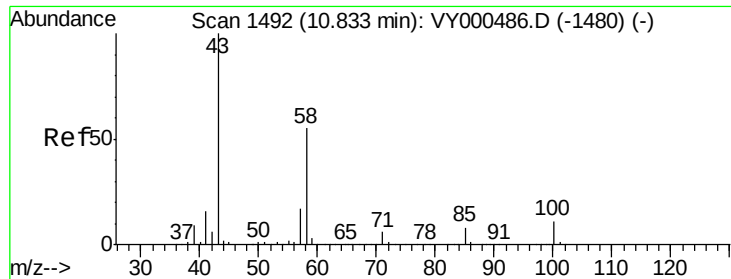
Tgt Ion: 76 Resp: 86124
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.2 37.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 100.677 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: VY000500.D
 Acq: 31 Oct 2019 13:06

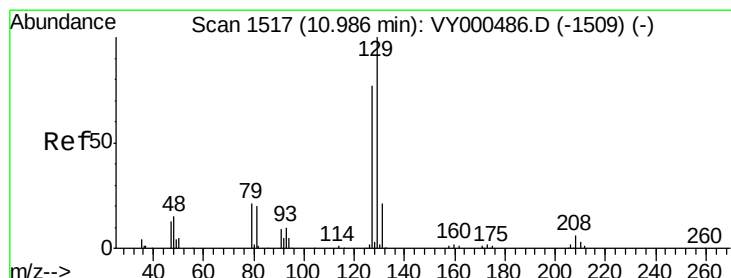
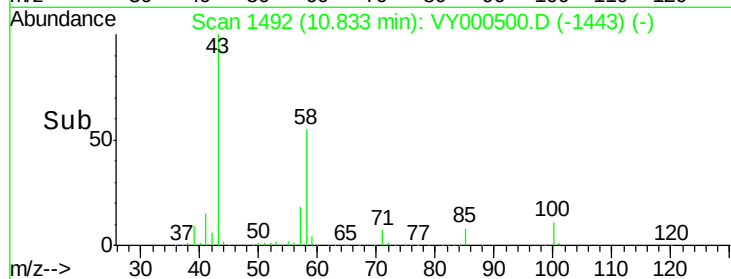
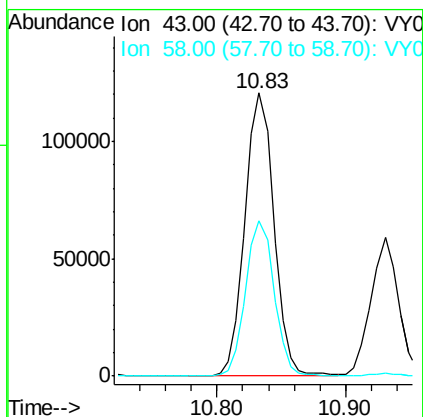
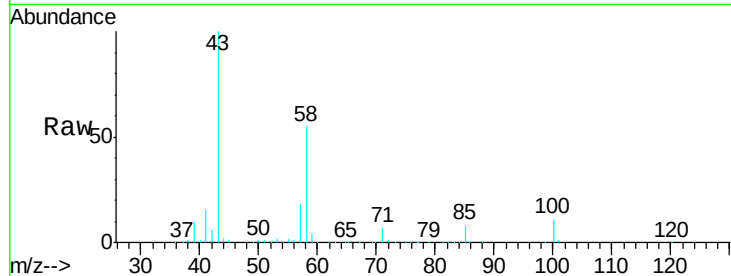
Tgt Ion: 63 Resp: 151990
 Ion Ratio Lower Upper
 63 100
 106 27.9 22.6 33.8





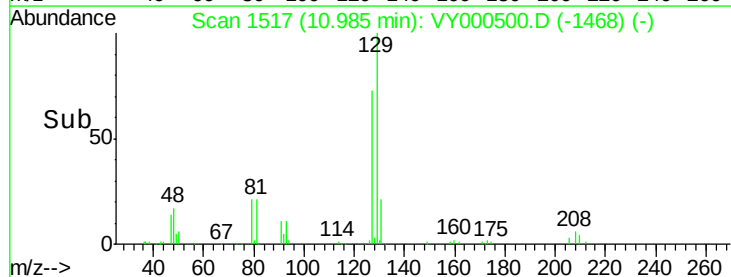
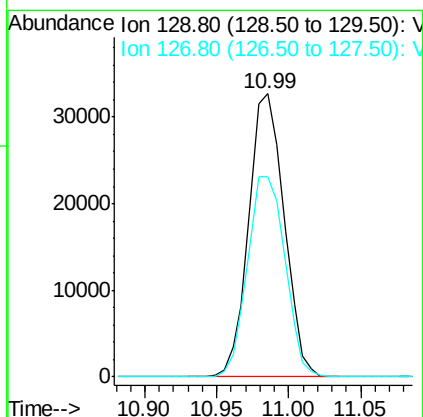
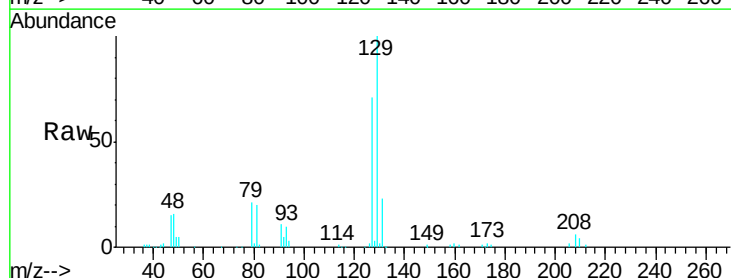
#59
2-Hexanone
Concen: 106.060 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY000500.D
Acq: 31 Oct 2019 13:06

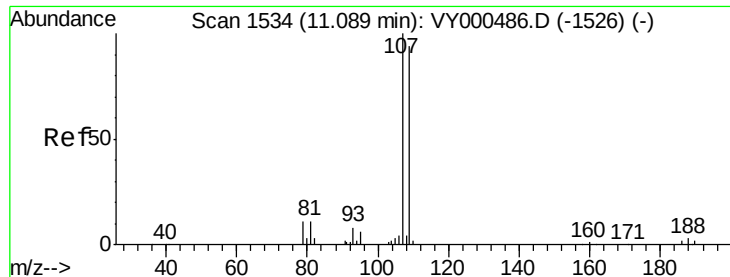
Tgt Ion: 43 Resp: 188089
Ion Ratio Lower Upper
43 100
58 53.9 27.1 81.3



#60
Dibromochloromethane
Concen: 20.583 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY000500.D
Acq: 31 Oct 2019 13:06

Tgt Ion: 129 Resp: 55546
Ion Ratio Lower Upper
129 100
127 75.3 39.1 117.2





#61

1,2-Dibromoethane

Concen: 20.502 ug/l

RT: 11.09 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VY000500.D

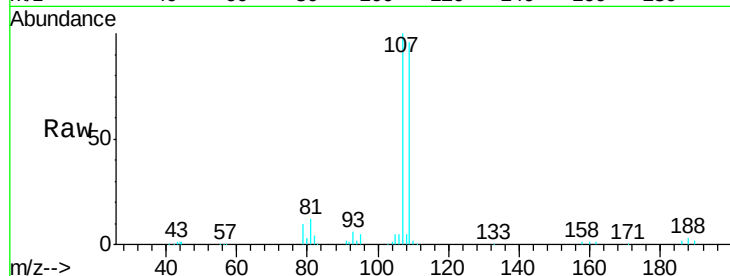
Acq: 31 Oct 2019 13:06

Tgt Ion: 107 Resp: 46445

Ion Ratio Lower Upper

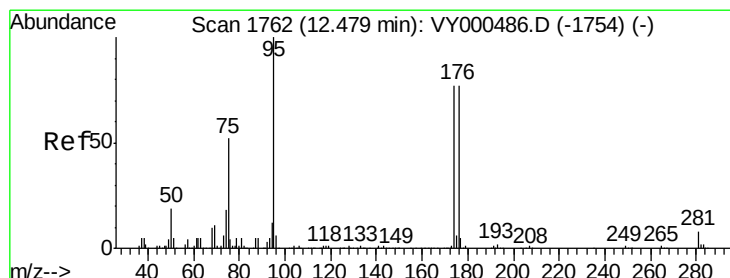
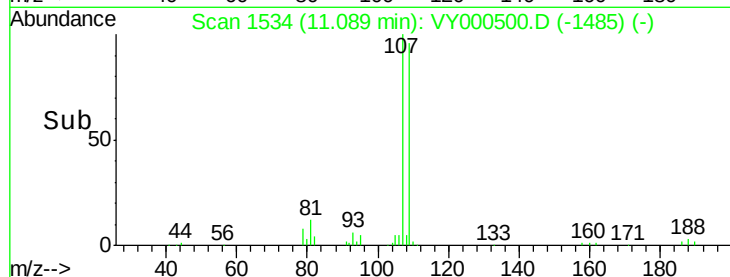
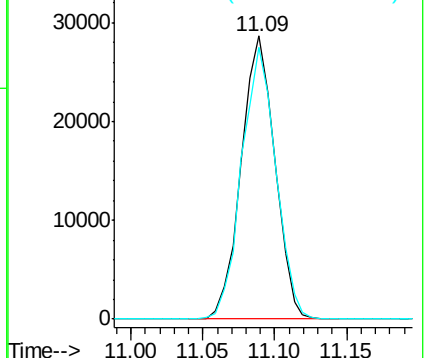
107 100

109 97.5 73.6 110.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.401 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000500.D

Acq: 31 Oct 2019 13:06

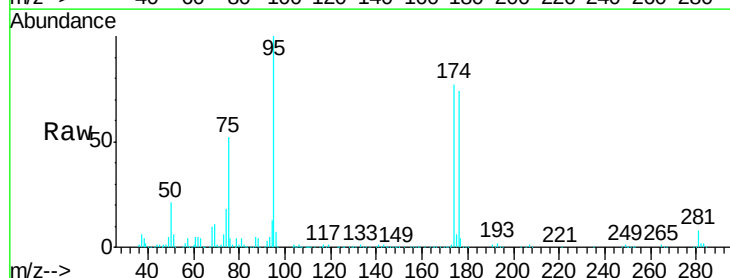
Tgt Ion: 95 Resp: 174544

Ion Ratio Lower Upper

95 100

174 79.0 0.0 161.6

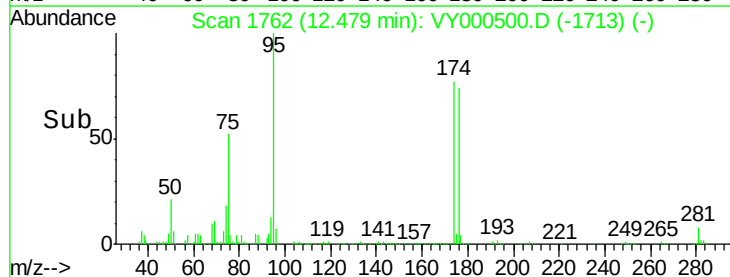
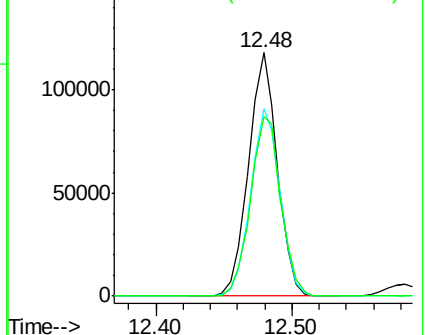
176 77.9 0.0 157.8

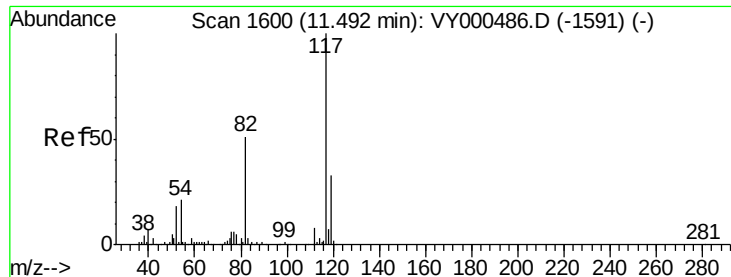


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VY000500.D

Acq: 31 Oct 2019 13:06

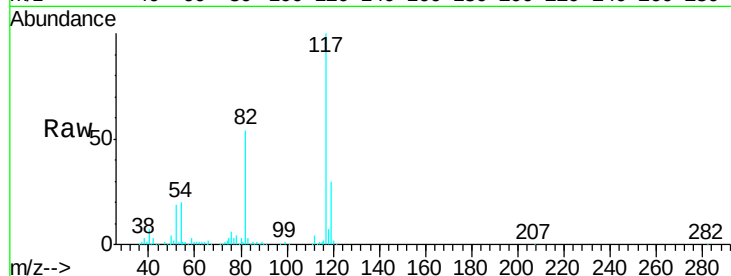
Tgt Ion:117 Resp: 387546

Ion Ratio Lower Upper

117 100

82 53.6 40.8 61.2

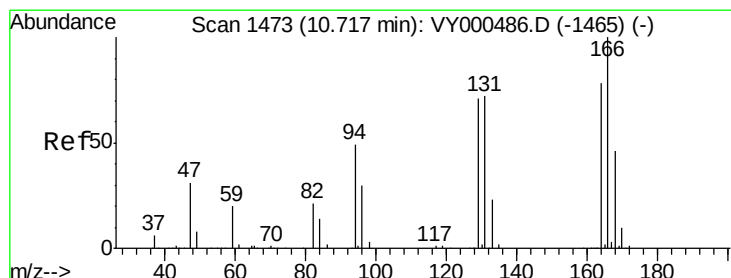
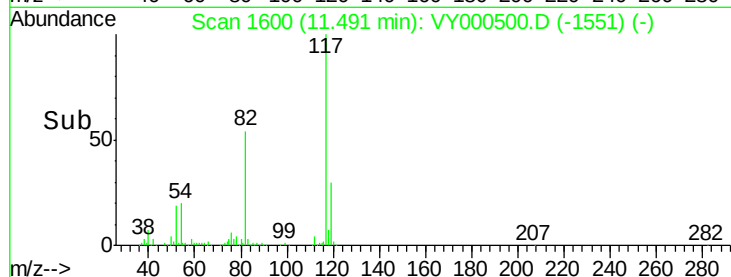
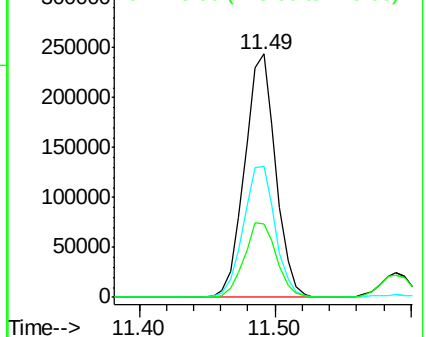
119 30.4 26.2 39.2



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: 20.505 ug/l

RT: 10.72 min Scan# 1473

Delta R.T. -0.00 min

Lab File: VY000500.D

Acq: 31 Oct 2019 13:06

Tgt Ion:164 Resp: 65710

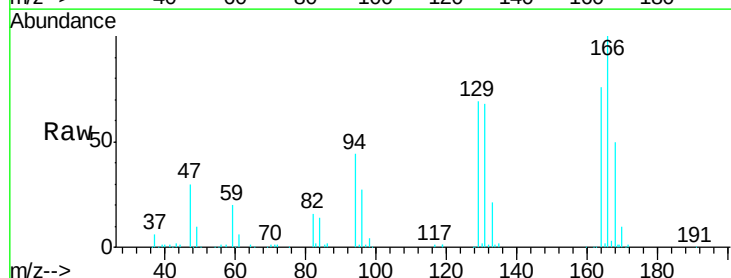
Ion Ratio Lower Upper

164 100

166 131.8 102.7 154.1

129 90.6 73.2 109.8

131 90.2 74.2 111.2

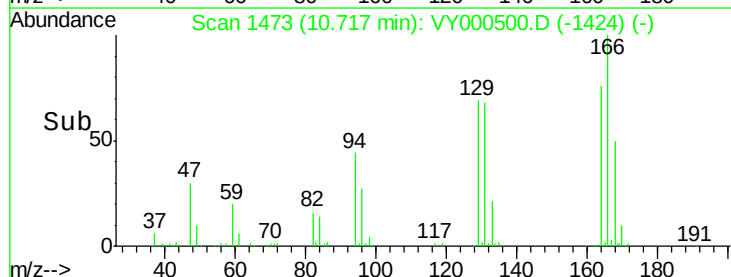
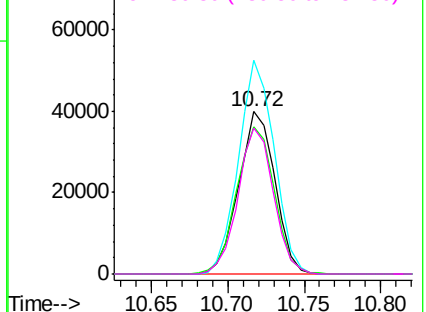


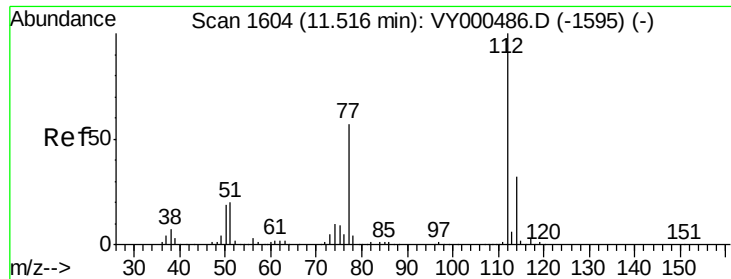
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

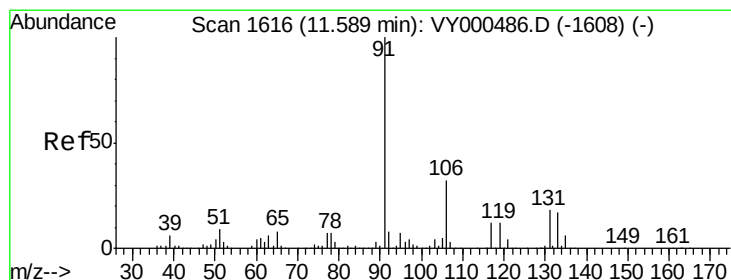
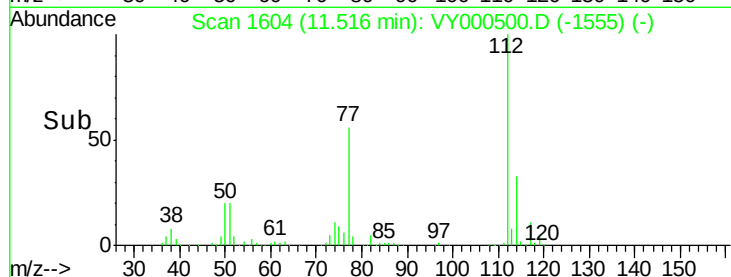
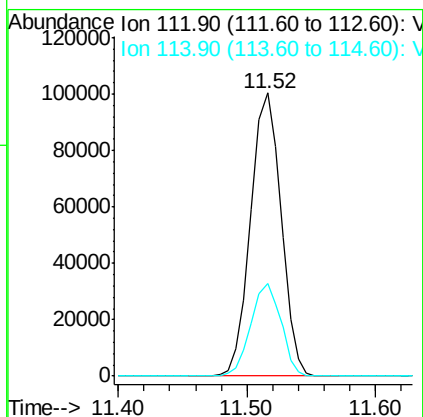
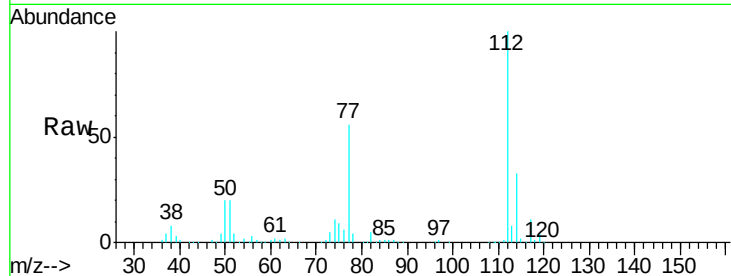
Ion 130.80 (130.50 to 131.50): V





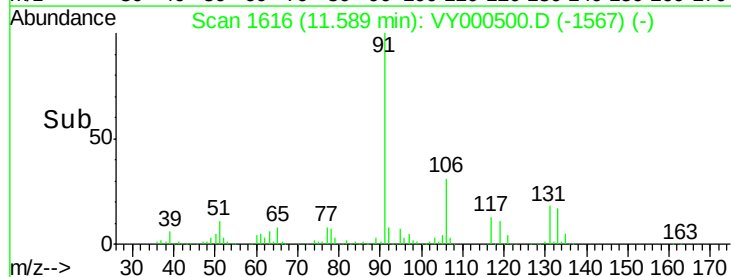
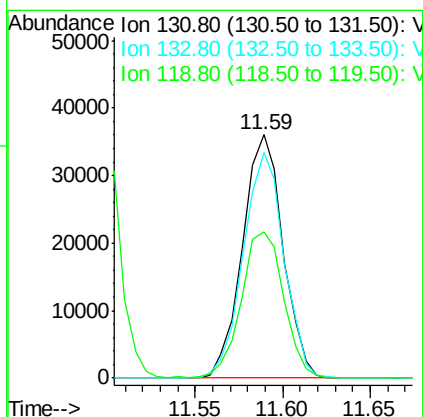
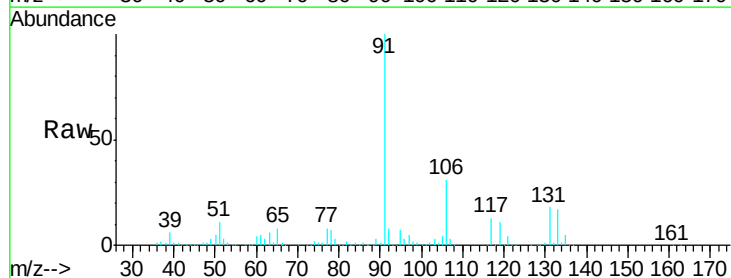
#65
Chlorobenzene
Concen: 20.878 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY000500.D
Acq: 31 Oct 2019 13:06

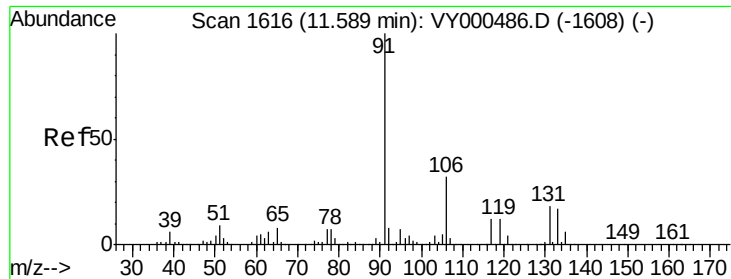
Tgt Ion:112 Resp: 164049
Ion Ratio Lower Upper
112 100
114 32.9 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 21.289 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000500.D
Acq: 31 Oct 2019 13:06

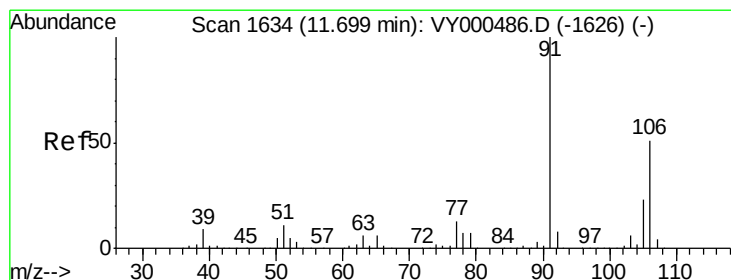
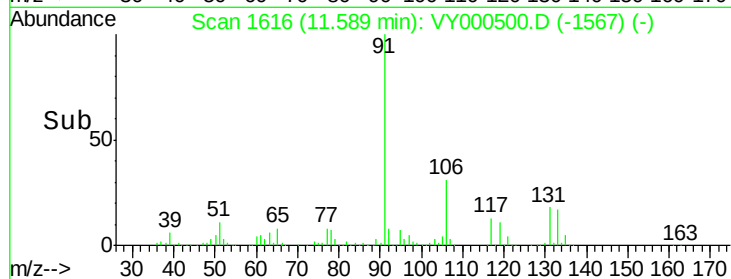
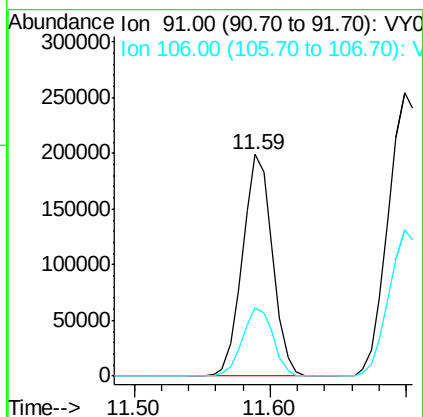
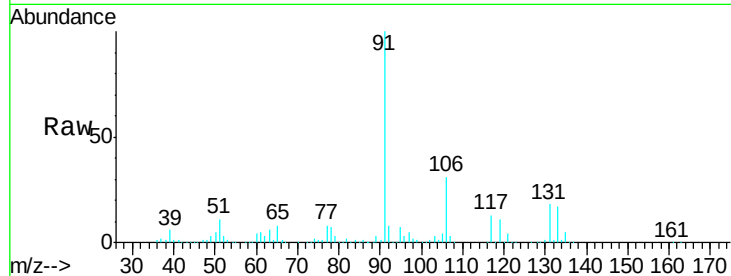
Tgt Ion:131 Resp: 58014
Ion Ratio Lower Upper
131 100
133 93.4 47.9 143.8
119 63.2 33.1 99.3





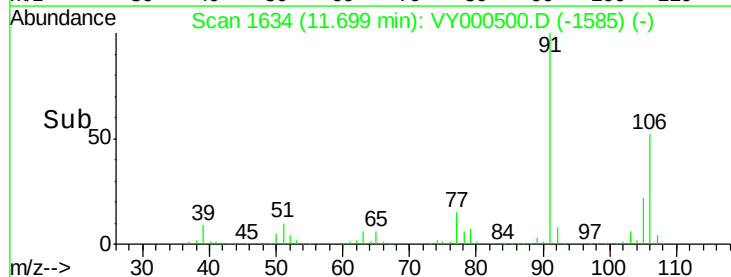
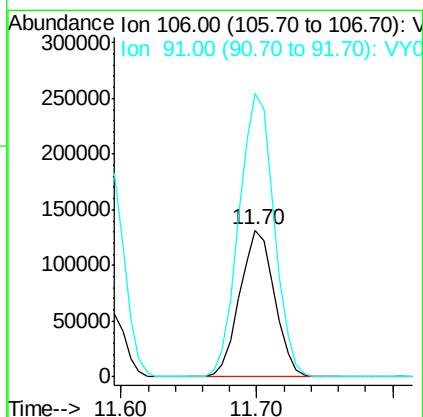
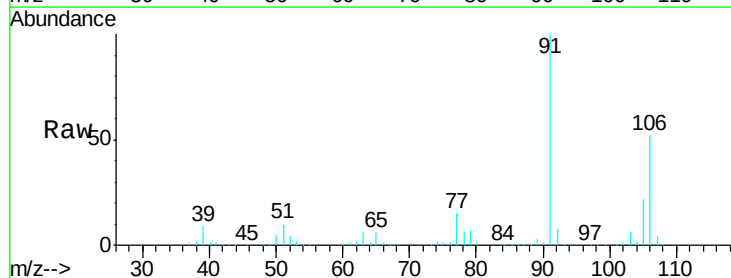
#67
Ethyl Benzene
Concen: 21.124 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000500.D
Acq: 31 Oct 2019 13:06

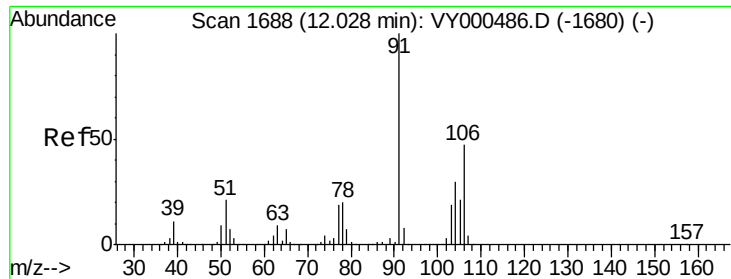
Tgt Ion: 91 Resp: 305482
Ion Ratio Lower Upper
91 100
106 31.2 25.4 38.0



#68
m/p-Xylenes
Concen: 41.922 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY000500.D
Acq: 31 Oct 2019 13:06

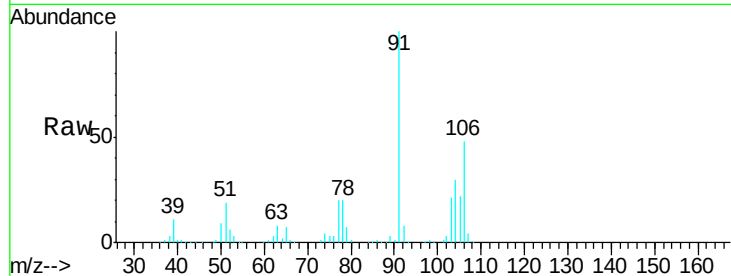
Tgt Ion: 106 Resp: 234639
Ion Ratio Lower Upper
106 100
91 196.3 155.9 233.9



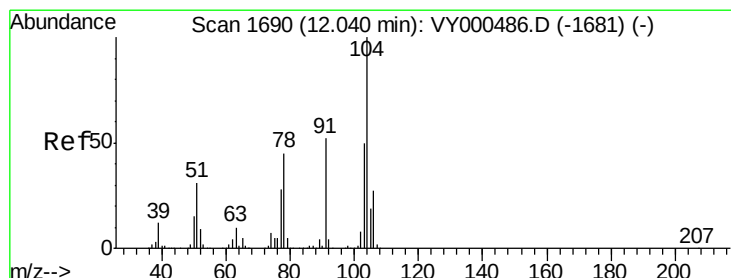
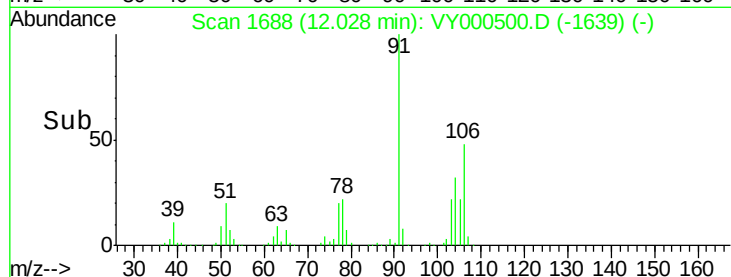
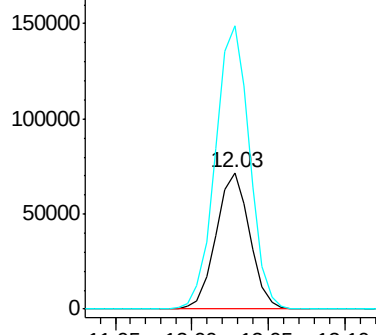


#69
o-Xylene
Concen: 20.824 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY000500.D
Acq: 31 Oct 2019 13:06

Tgt Ion:106 Resp: 109540
Ion Ratio Lower Upper
106 100
91 210.7 106.5 319.6

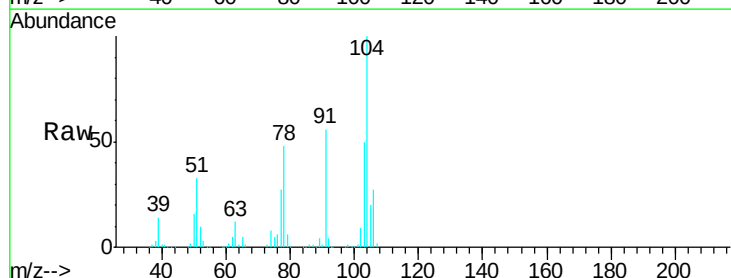


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

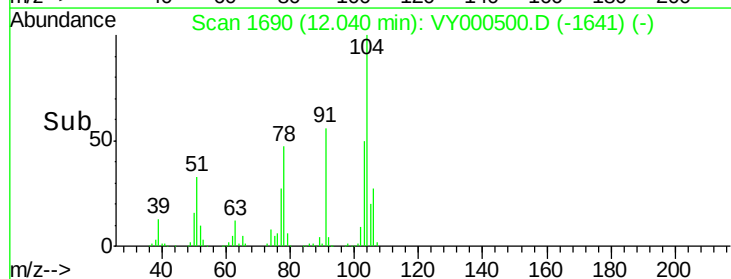
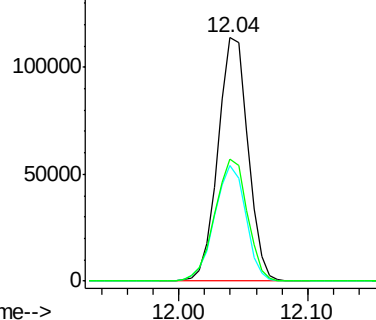


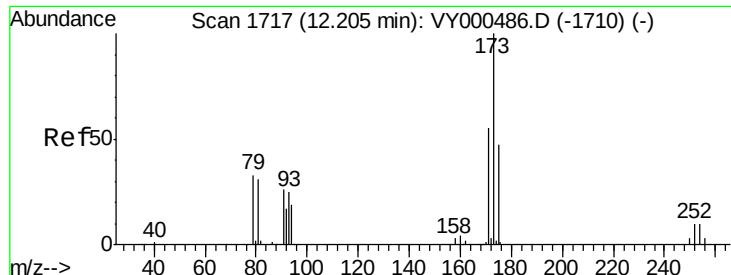
#70
Styrene
Concen: 20.287 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY000500.D
Acq: 31 Oct 2019 13:06

Tgt Ion:104 Resp: 182733
Ion Ratio Lower Upper
104 100
78 49.6 39.0 58.4
103 54.3 42.5 63.7



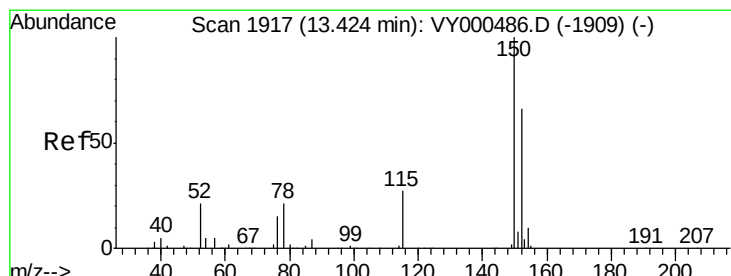
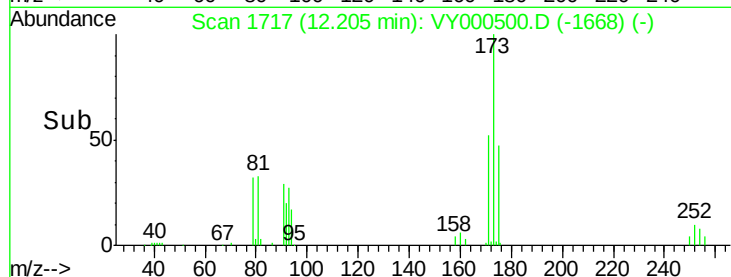
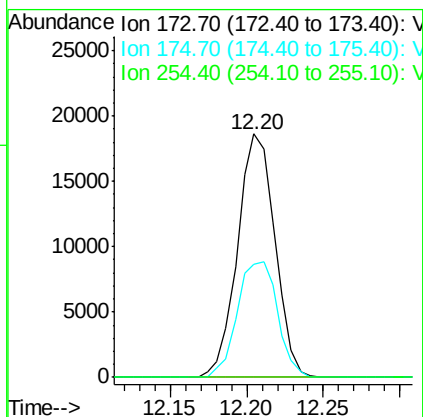
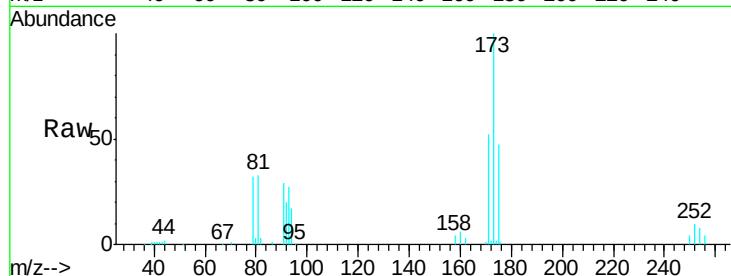
Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VY0
Ion 103.00 (102.70 to 103.70): V





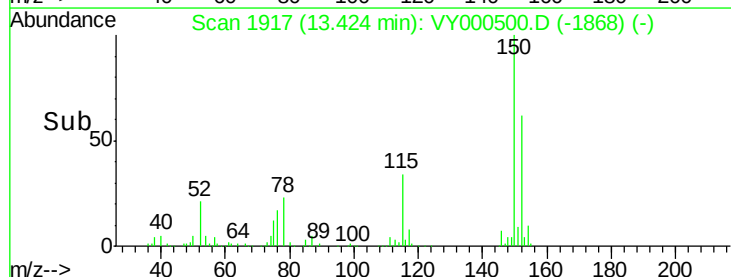
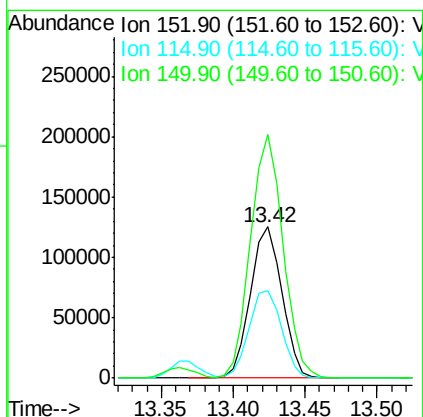
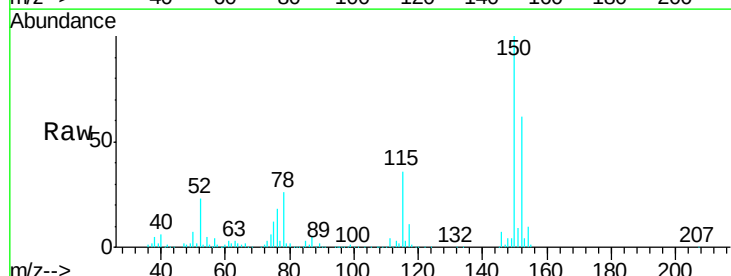
#71
Bromoform
Concen: 20.181 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. -0.00 min
Lab File: VY000500.D
Acq: 31 Oct 2019 13:06

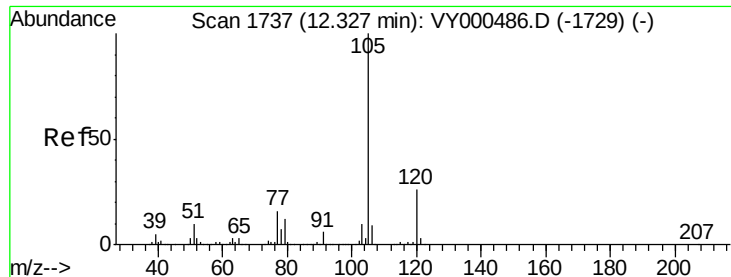
Tgt Ion:173 Resp: 31631
Ion Ratio Lower Upper
173 100
175 50.9 24.4 73.2
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000500.D
Acq: 31 Oct 2019 13:06

Tgt Ion:152 Resp: 189578
Ion Ratio Lower Upper
152 100
115 60.1 29.1 87.4
150 166.1 0.0 348.8





#73

Isopropylbenzene

Concen: 21.093 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY000500.D

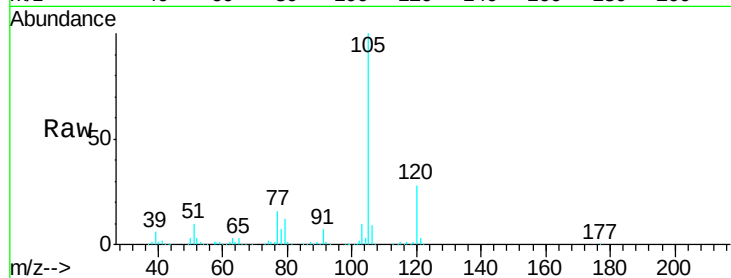
Acq: 31 Oct 2019 13:06

Tgt Ion: 105 Resp: 295539

Ion Ratio Lower Upper

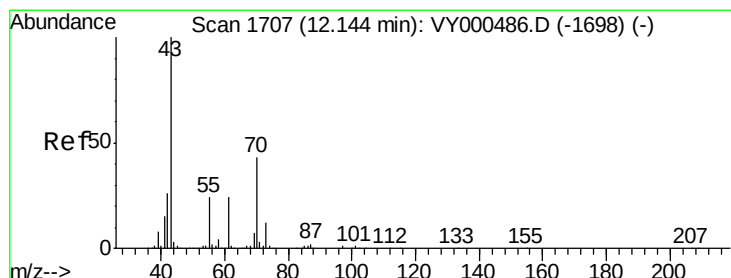
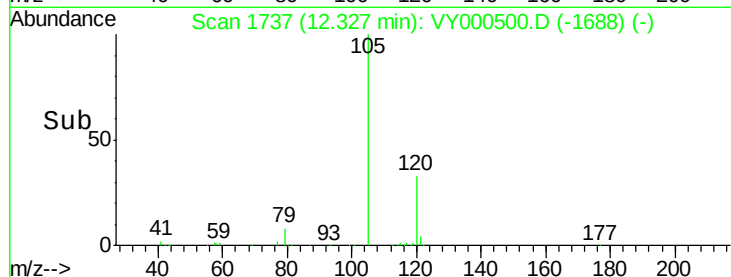
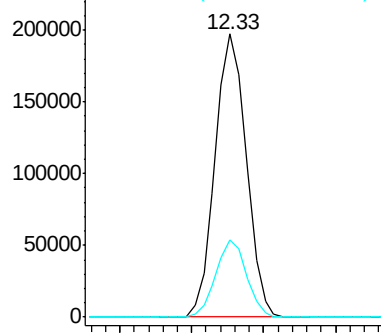
105 100

120 26.8 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 22.228 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY000500.D

Acq: 31 Oct 2019 13:06

Tgt Ion: 43 Resp: 89195

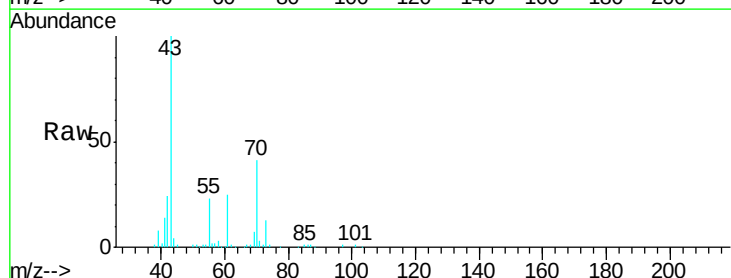
Ion Ratio Lower Upper

43 100

70 41.8 33.1 49.7

55 23.2 18.0 27.0

61 23.4 19.1 28.7

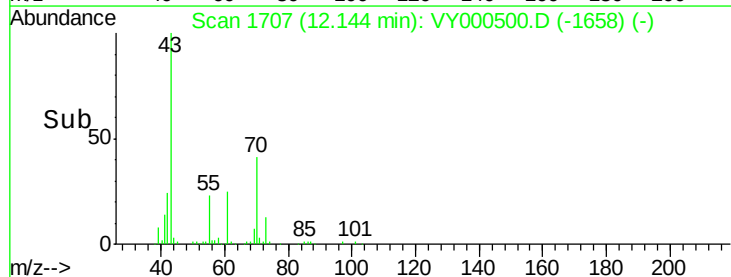
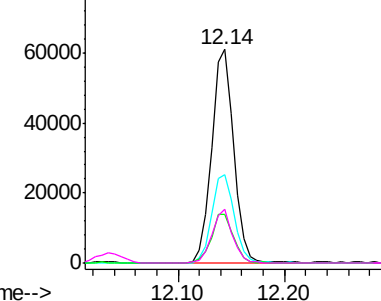


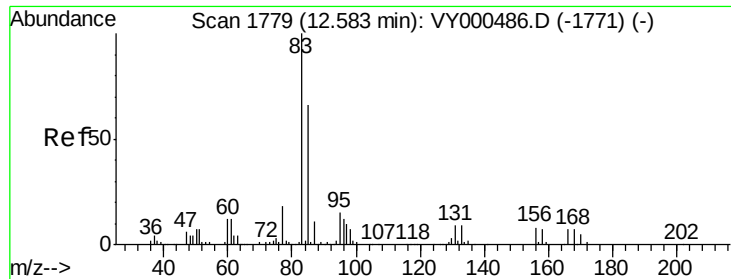
Abundance Ion 43.00 (42.70 to 43.70): VY0

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: 21.541 ug/l

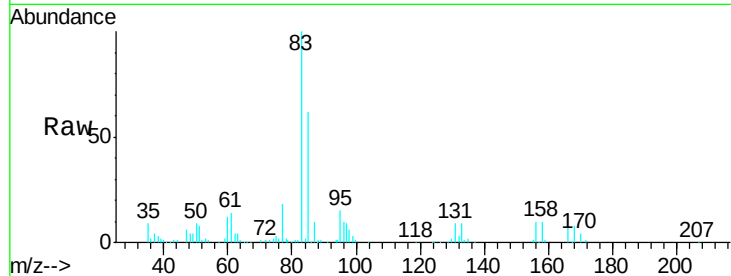
RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY000500.D

Acq: 31 Oct 2019 13:06

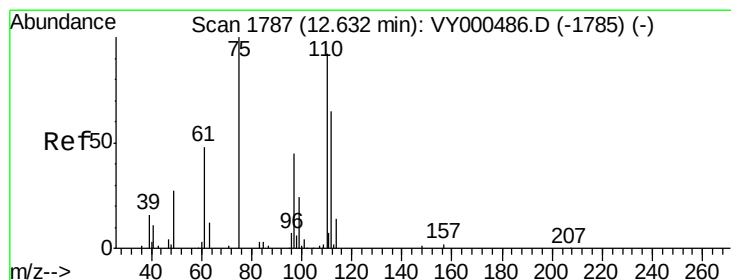
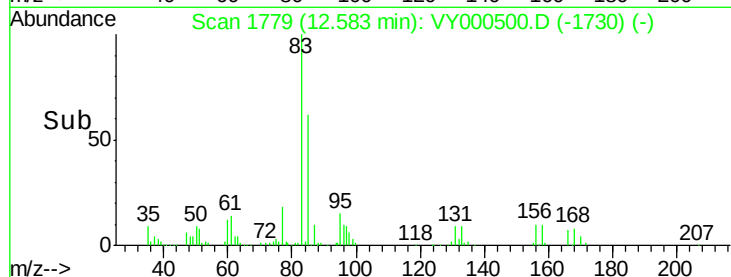
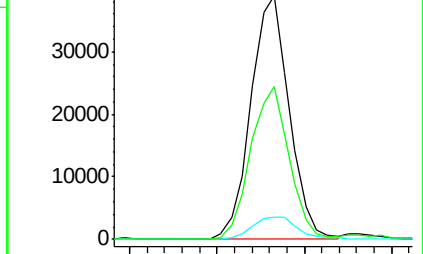
Tgt Ion:	83	Resp:	59760
Ion	Ratio	Lower	Upper
83	100		
131	10.9	5.0	14.9
85	63.3	32.3	96.9



Abundance Ion 82.90 (82.60 to 83.60): VY000486.D (-1771) (-)

Ion 130.80 (130.50 to 131.50): VY000486.D (-1771) (-)

Ion 84.90 (84.60 to 85.60): VY000486.D (-1771) (-)



#76

1,2,3-Trichloropropane

Concen: 23.921 ug/l m

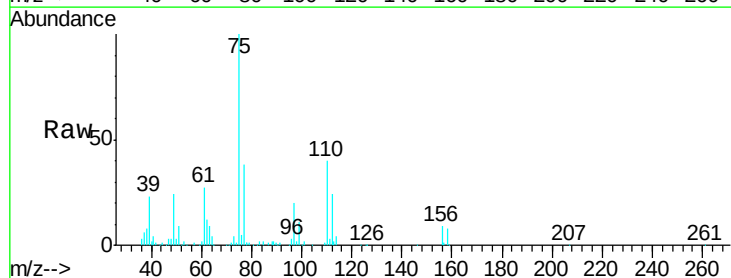
RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY000500.D

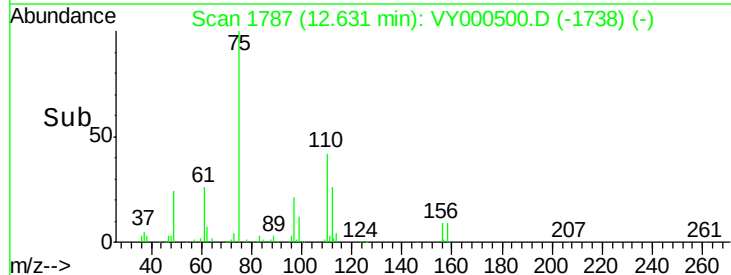
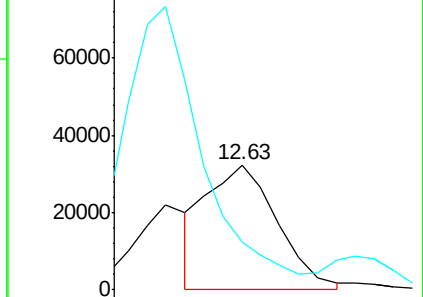
Acq: 31 Oct 2019 13:06

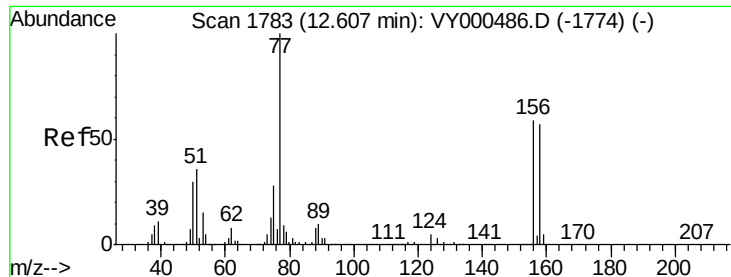
Tgt Ion:	75	Resp:	51636
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VY000486.D (-1785) (-)

Ion 77.00 (76.70 to 77.70): VY000486.D (-1785) (-)





#77

Bromobenzene

Concen: 20.912 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY000500.D

Acq: 31 Oct 2019 13:06

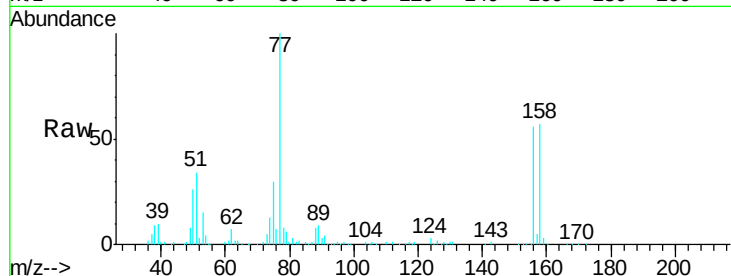
Tgt Ion: 156 Resp: 66444

Ion Ratio Lower Upper

156 100

77 198.0 98.2 294.4

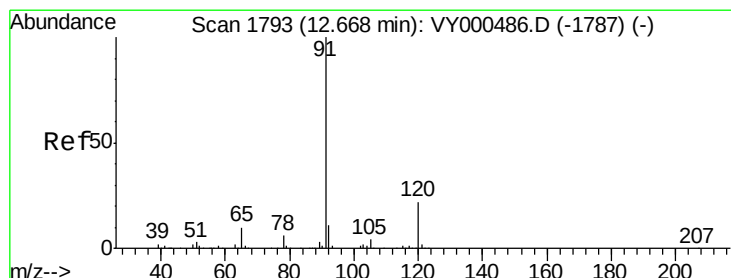
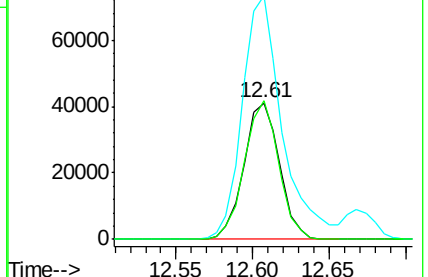
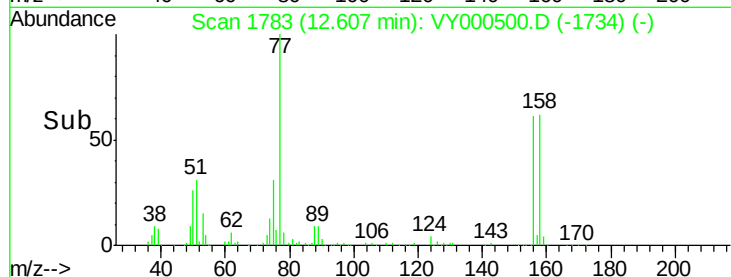
158 98.2 49.6 149.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.519 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY000500.D

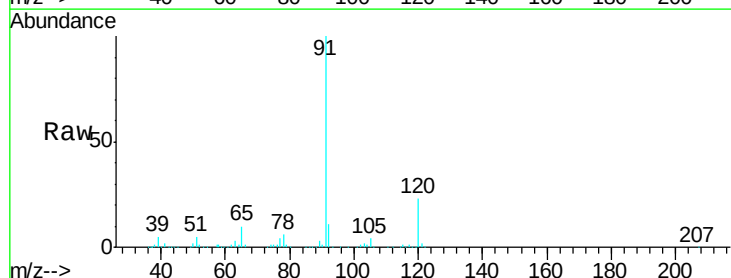
Acq: 31 Oct 2019 13:06

Tgt Ion: 91 Resp: 363791

Ion Ratio Lower Upper

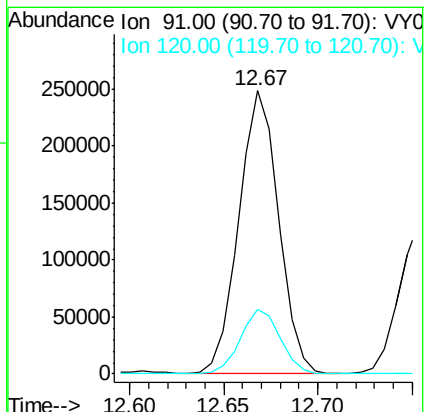
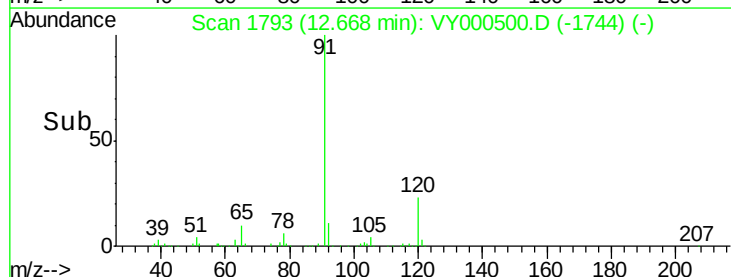
91 100

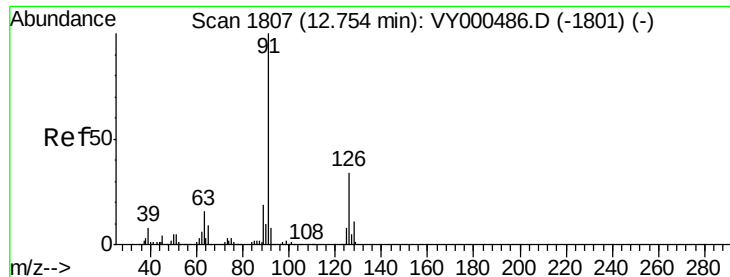
120 22.8 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.022 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY000500.D

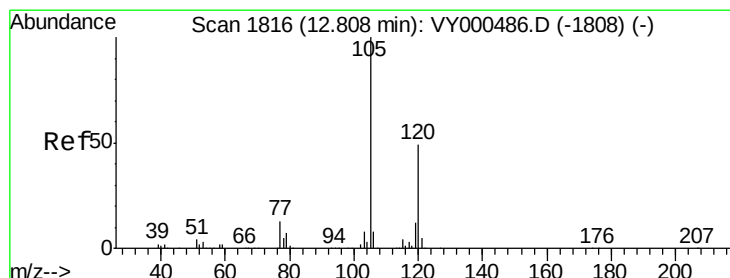
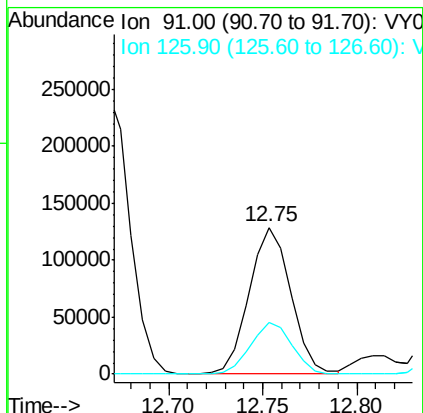
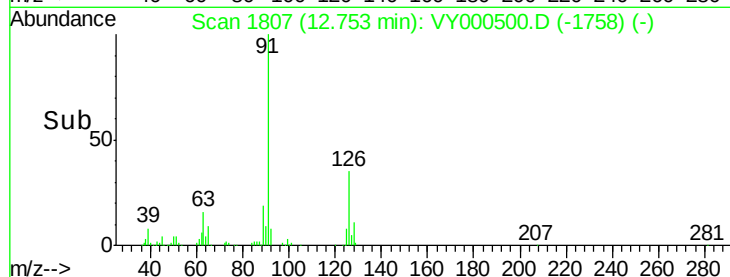
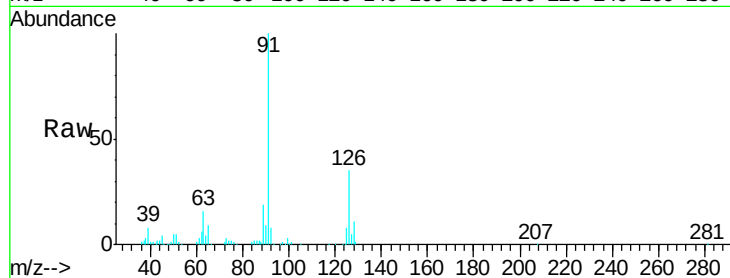
Acq: 31 Oct 2019 13:06

Tgt Ion: 91 Resp: 197303

Ion Ratio Lower Upper

91 100

126 35.1 17.7 53.1



#80

1,3,5-Trimethylbenzene

Concen: 21.601 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VY000500.D

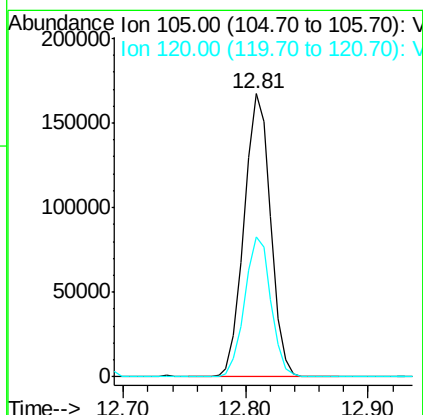
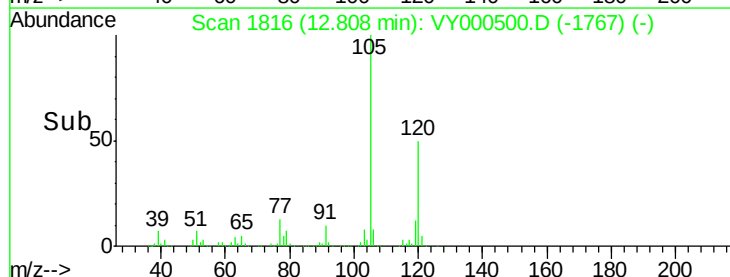
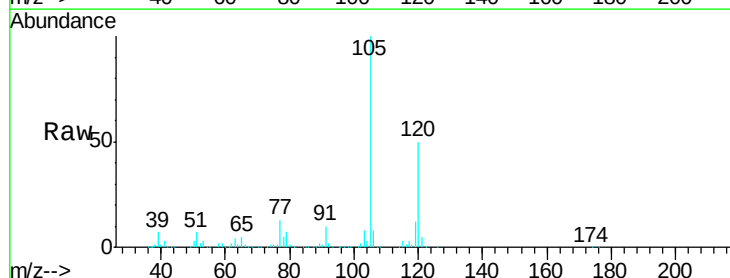
Acq: 31 Oct 2019 13:06

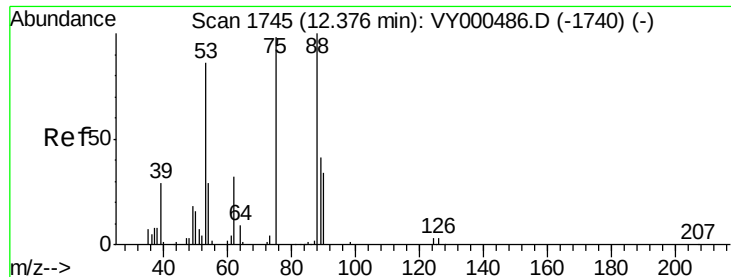
Tgt Ion: 105 Resp: 252072

Ion Ratio Lower Upper

105 100

120 49.1 24.9 74.8





#81

trans-1,4-Dichloro-2-butene

Concen: 20.222 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VY000500.D

Acq: 31 Oct 2019 13:06

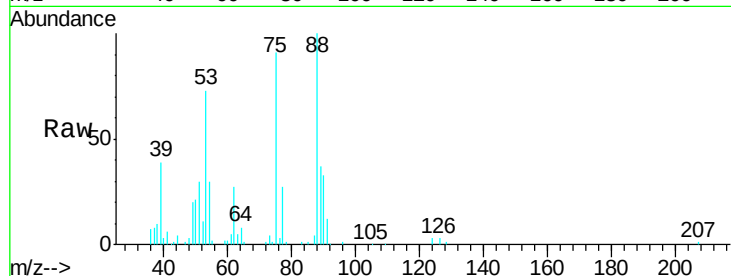
Tgt Ion: 75 Resp: 19469

Ion Ratio Lower Upper

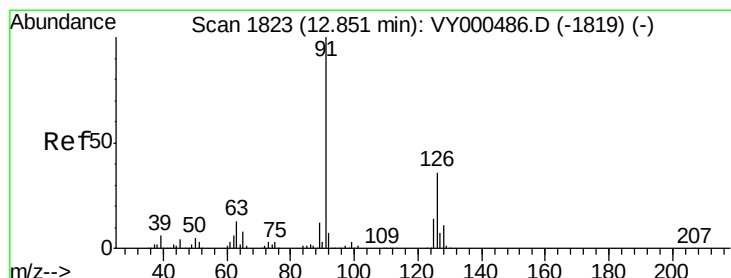
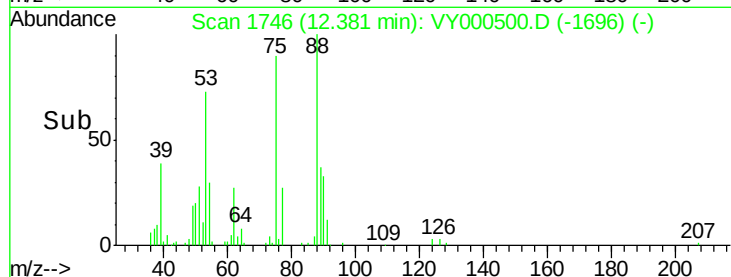
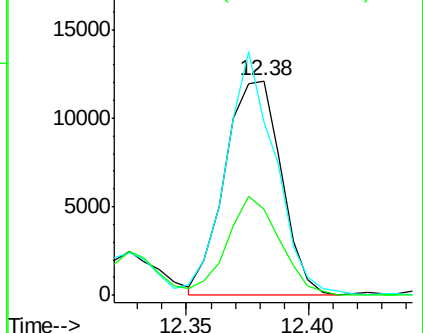
75 100

53 99.7 73.2 109.8

89 42.8 35.9 53.9



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



#82

4-Chlorotoluene

Concen: 21.276 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.00 min

Lab File: VY000500.D

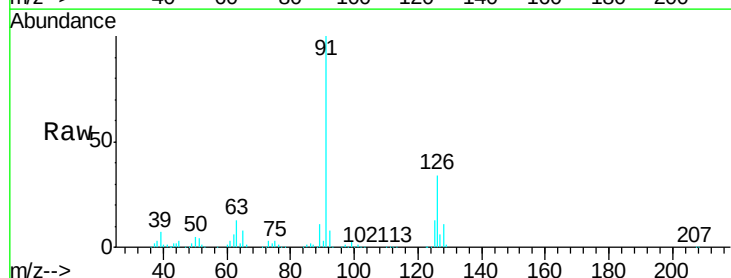
Acq: 31 Oct 2019 13:06

Tgt Ion: 91 Resp: 206992

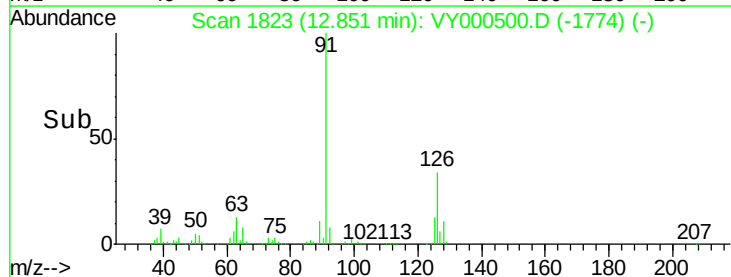
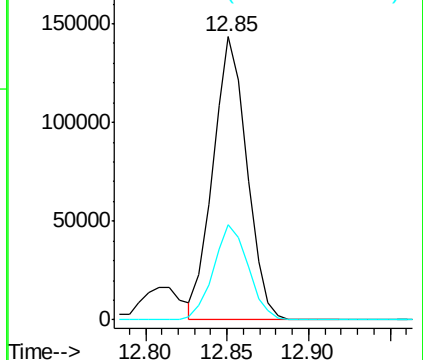
Ion Ratio Lower Upper

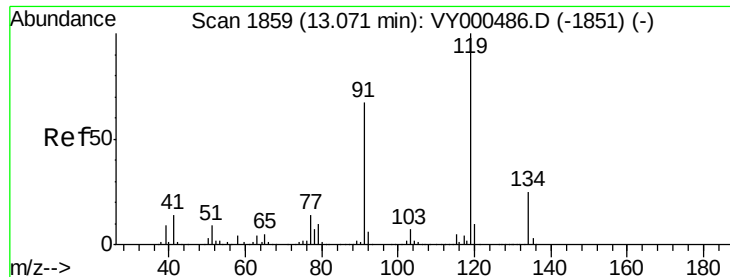
91 100

126 34.9 17.6 52.9



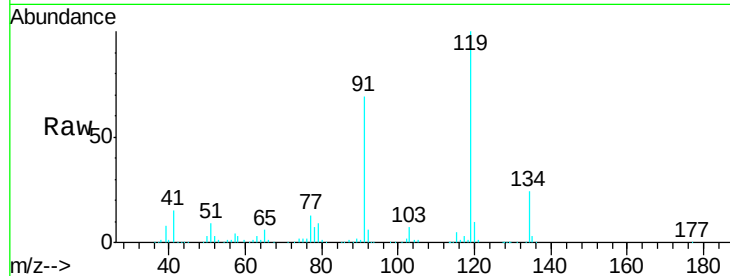
Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 125.90 (125.60 to 126.60): V



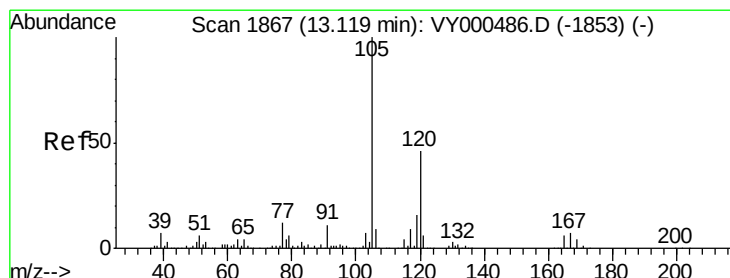
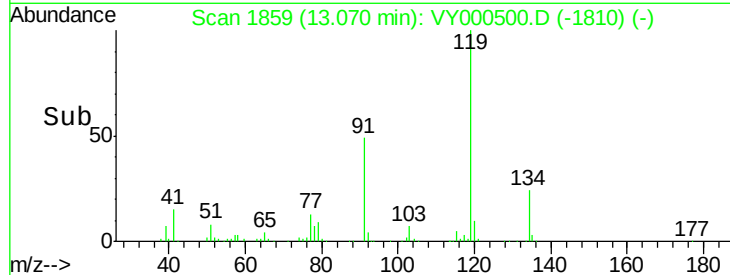
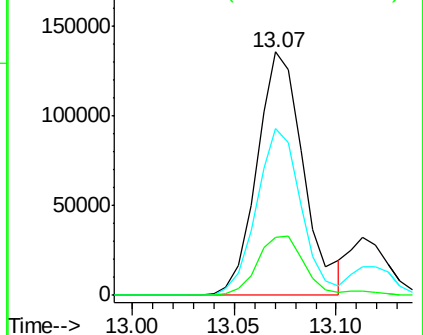


#83
 tert-Butylbenzene
 Concen: 21.607 ug/l
 RT: 13.07 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VY000500.D
 Acq: 31 Oct 2019 13:06

Tgt Ion:119 Resp: 215286
 Ion Ratio Lower Upper
 119 100
 91 65.8 32.1 96.3
 134 25.7 13.2 39.5

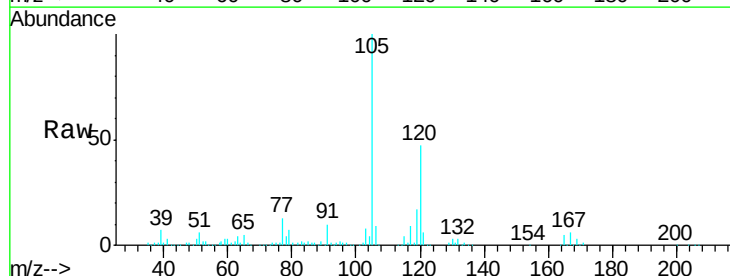


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VY0
 Ion 134.00 (133.70 to 134.70): V

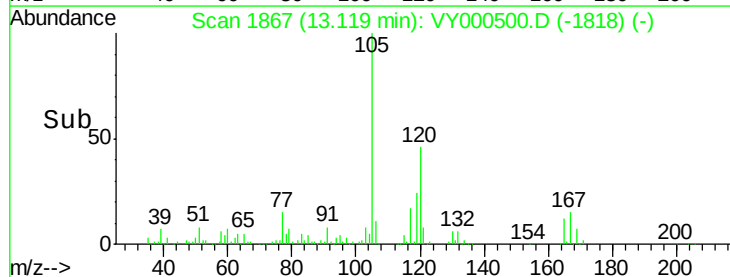
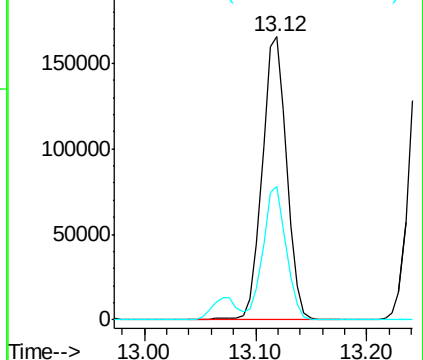


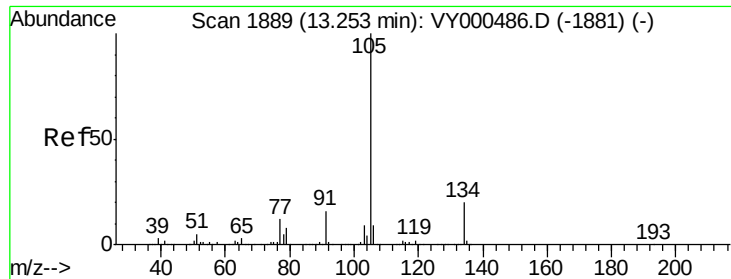
#84
 1,2,4-Trimethylbenzene
 Concen: 21.837 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VY000500.D
 Acq: 31 Oct 2019 13:06

Tgt Ion:105 Resp: 253712
 Ion Ratio Lower Upper
 105 100
 120 44.8 23.3 69.9



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





#85

sec-Butylbenzene

Concen: 21.510 ug/l

RT: 13.25 min Scan# 1888

Delta R.T. -0.01 min

Lab File: VY000500.D

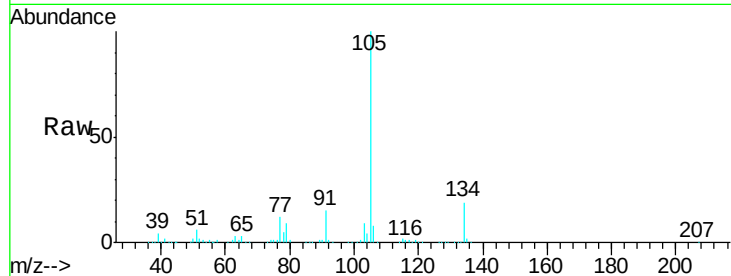
Acq: 31 Oct 2019 13:06

Tgt Ion:105 Resp: 305341

Ion Ratio Lower Upper

105 100

134 20.2 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

200000

150000

100000

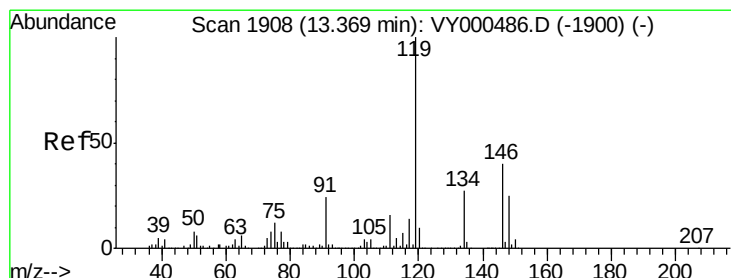
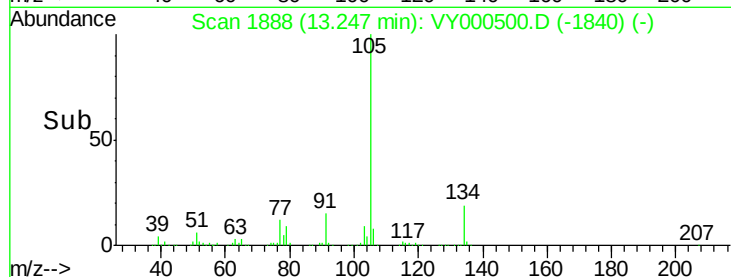
50000

0

13.25

13.30

Time-->



#86

p-Isopropyltoluene

Concen: 21.303 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY000500.D

Acq: 31 Oct 2019 13:06

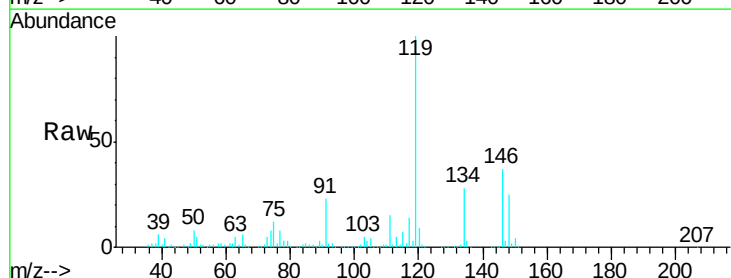
Tgt Ion:119 Resp: 269521

Ion Ratio Lower Upper

119 100

134 26.9 13.6 40.8

91 24.0 12.0 36.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

250000

200000

150000

100000

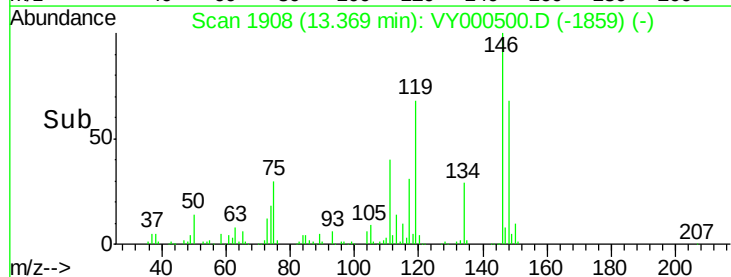
50000

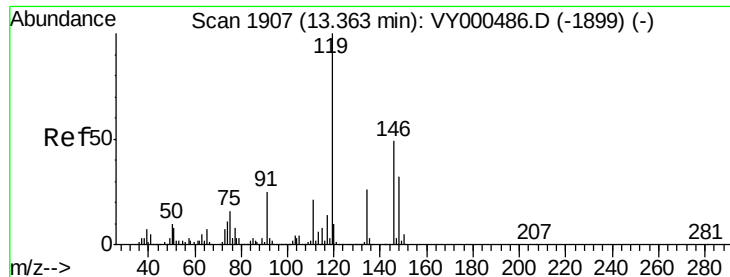
0

13.37

13.40

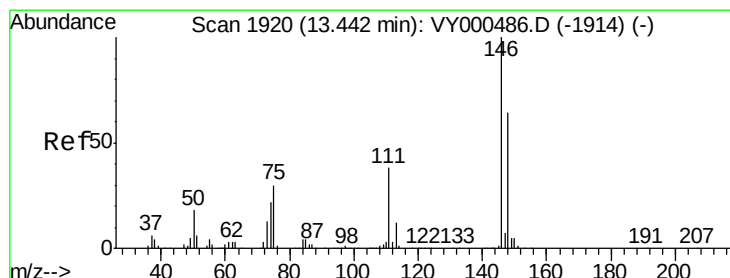
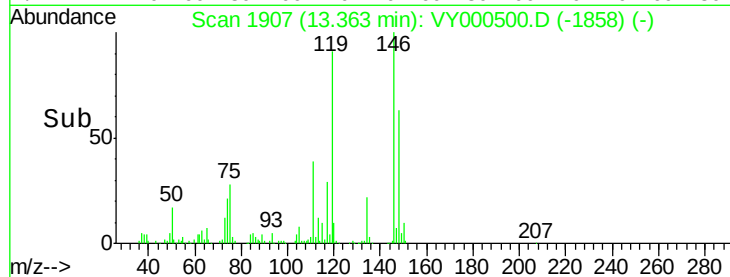
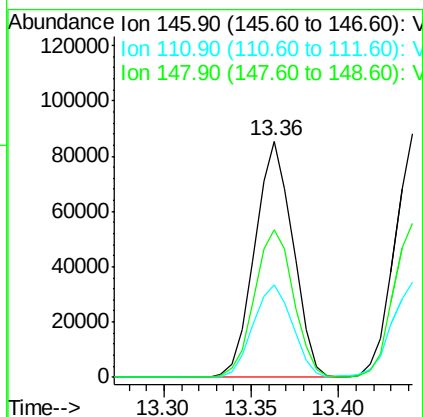
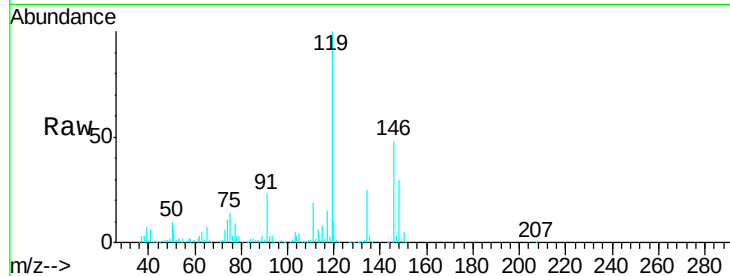
Time-->





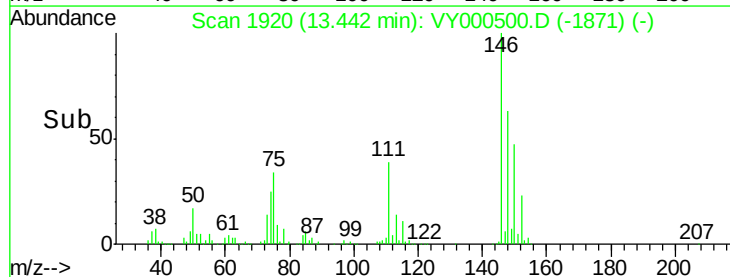
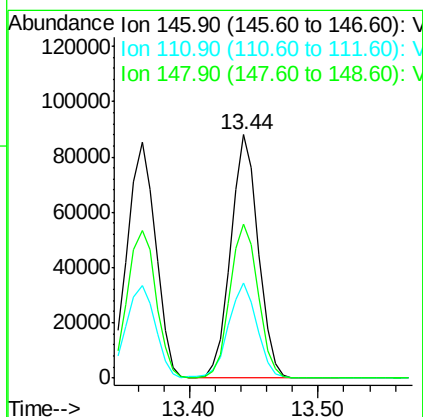
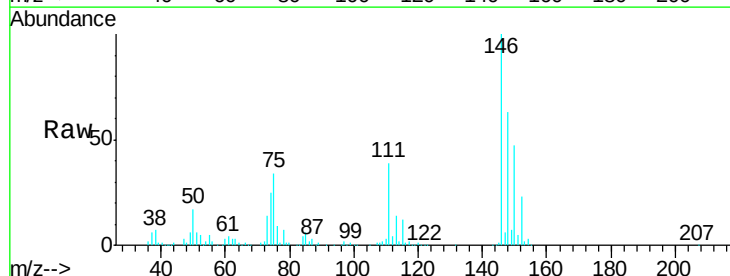
#87
 1,3-Dichlorobenzene
 Concen: 20.806 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY000500.D
 Acq: 31 Oct 2019 13:06

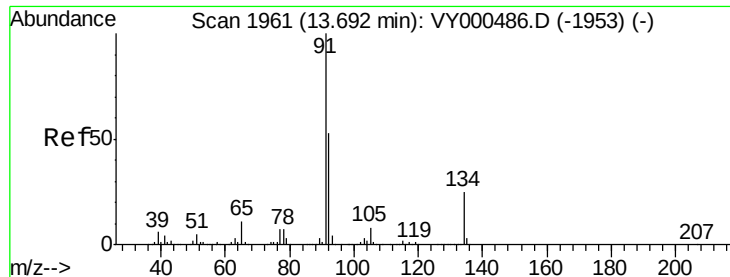
Tgt Ion:	146	Resp:	129484
Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.3	60.8
148	63.9	31.5	94.5



#88
 1,4-Dichlorobenzene
 Concen: 21.141 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY000500.D
 Acq: 31 Oct 2019 13:06

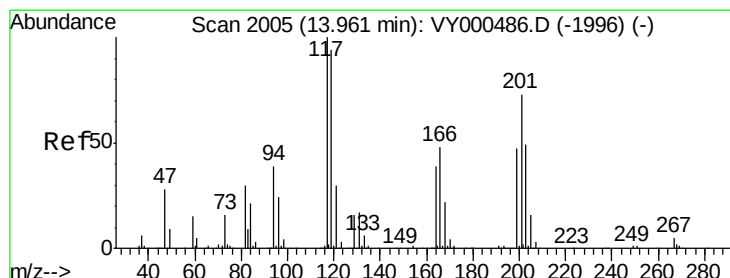
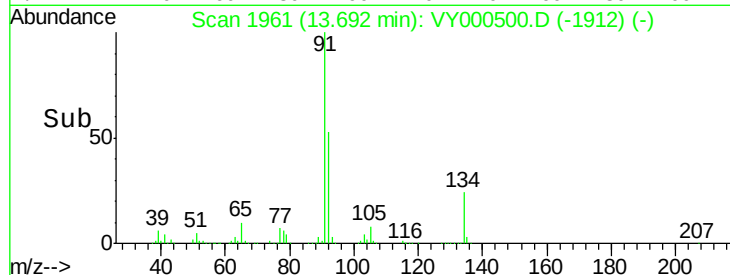
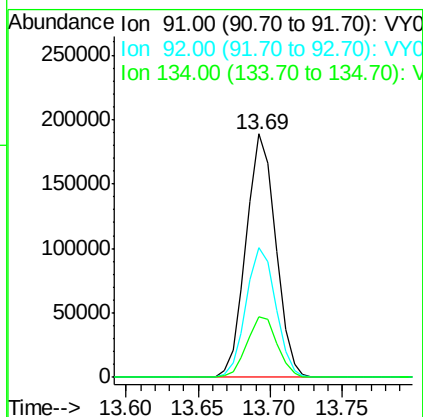
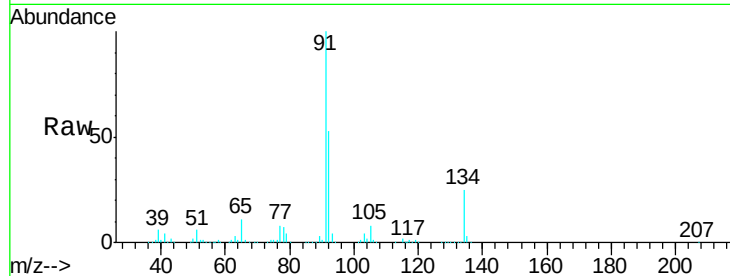
Tgt Ion:	146	Resp:	131473
Ion	Ratio	Lower	Upper
146	100		
111	40.6	19.7	59.0
148	64.4	31.9	95.7





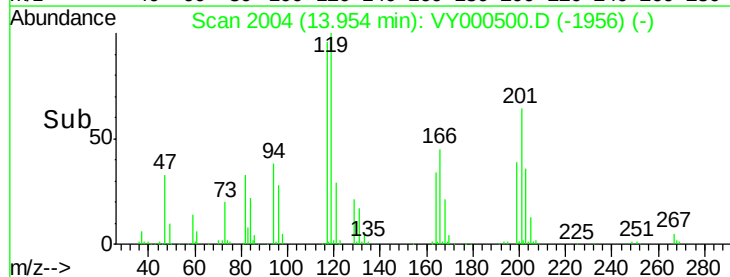
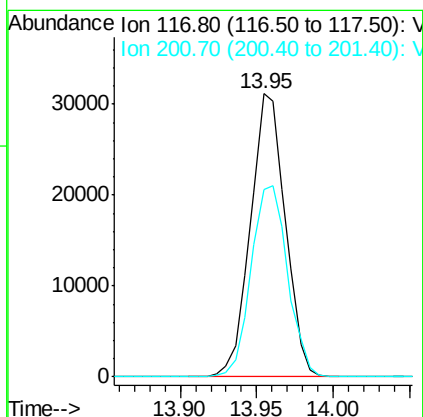
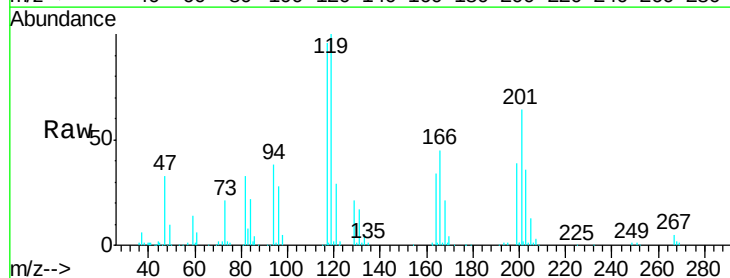
#89
n-Butylbenzene
Concen: 21.546 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY000500.D
Acq: 31 Oct 2019 13:06

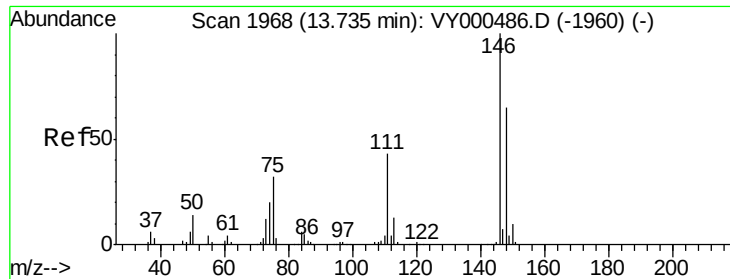
Tgt Ion: 91 Resp: 268864
Ion Ratio Lower Upper
91 100
92 53.3 26.8 80.3
134 25.3 12.9 38.7



#90
Hexachloroethane
Concen: 21.107 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. -0.01 min
Lab File: VY000500.D
Acq: 31 Oct 2019 13:06

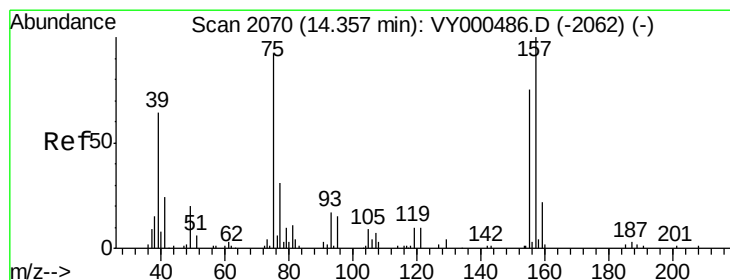
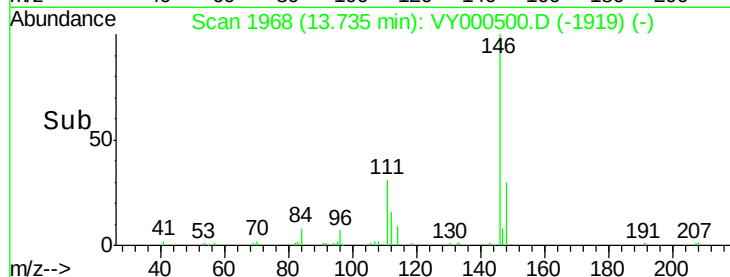
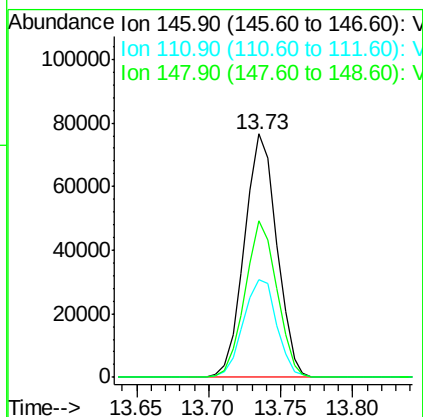
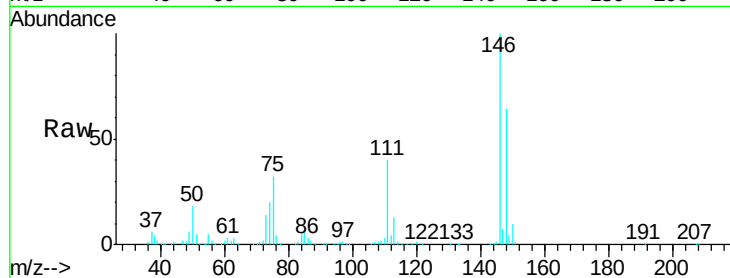
Tgt Ion: 117 Resp: 49367
Ion Ratio Lower Upper
117 100
201 70.8 35.8 107.3





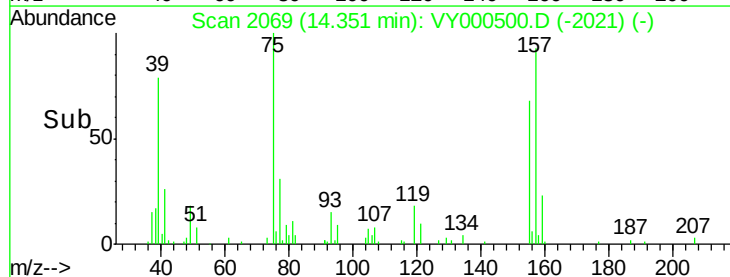
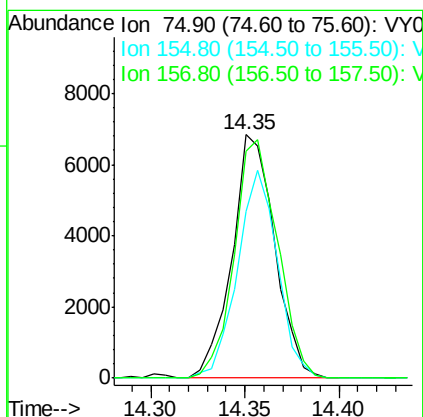
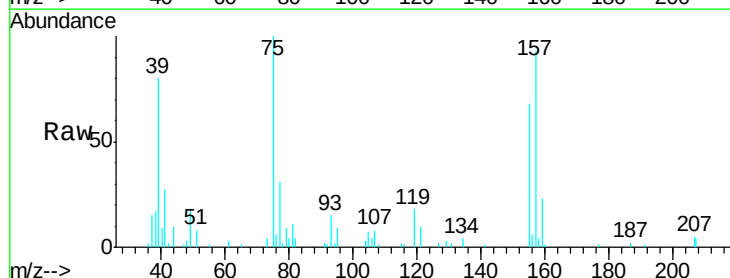
#91
 1,2-Dichlorobenzene
 Concen: 21.056 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VY000500.D
 Acq: 31 Oct 2019 13:06

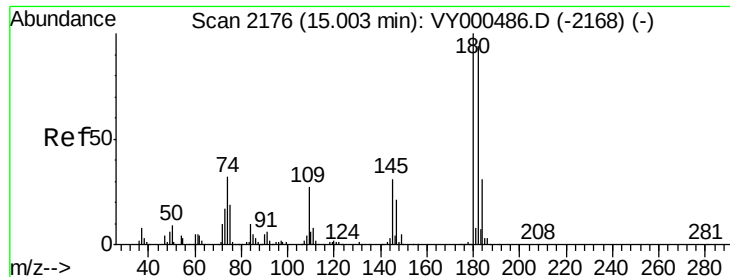
Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.7	20.5	61.5
148	63.3	31.7	95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.964 ug/l
 RT: 14.35 min Scan# 2069
 Delta R.T. -0.01 min
 Lab File: VY000500.D
 Acq: 31 Oct 2019 13:06

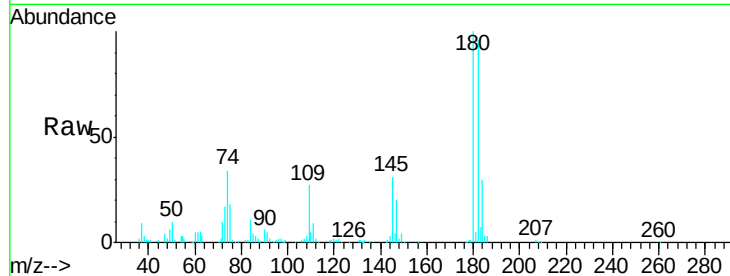
Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.7	42.4	127.1
157	98.8	55.1	165.3



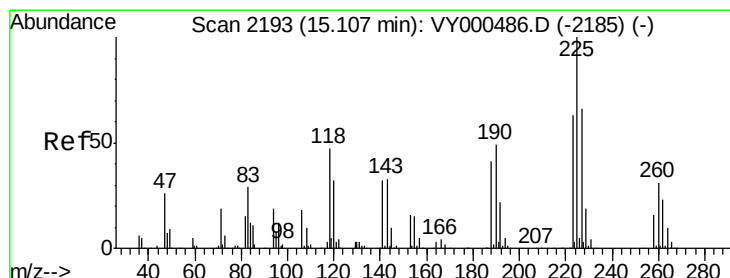
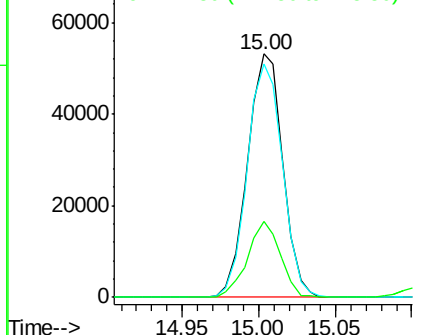
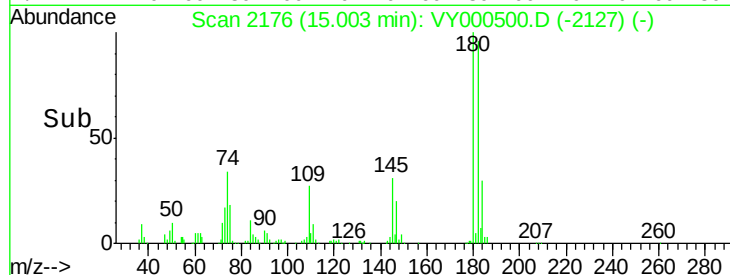


#93
 1,2,4-Trichlorobenzene
 Concen: 22.122 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY000500.D
 Acq: 31 Oct 2019 13:06

Tgt Ion:180 Resp: 85053
 Ion Ratio Lower Upper
 180 100
 182 96.1 47.8 143.4
 145 29.1 16.0 47.9

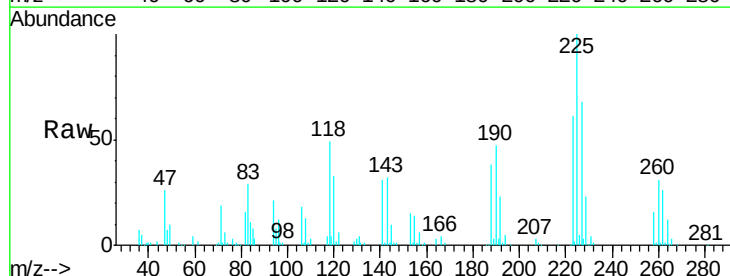


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

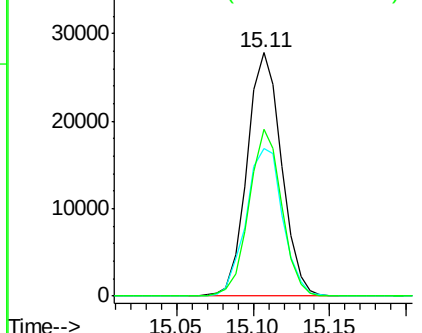
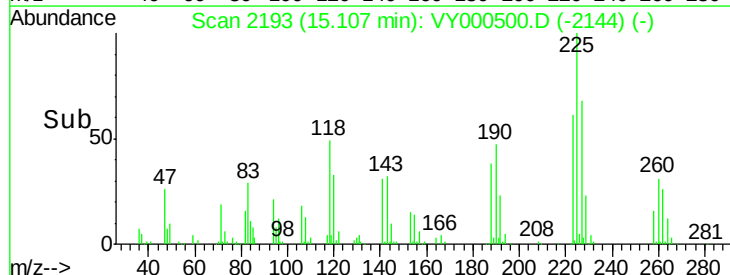


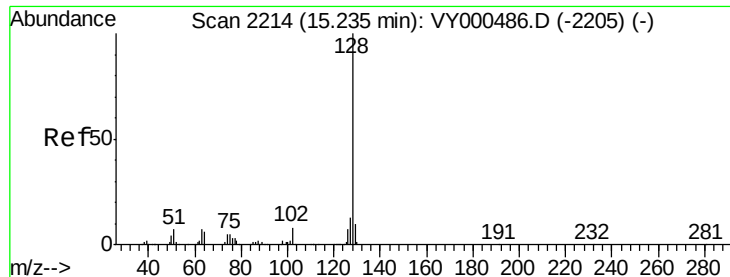
#94
 Hexachlorobutadiene
 Concen: 21.980 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: VY000500.D
 Acq: 31 Oct 2019 13:06

Tgt Ion:225 Resp: 43562
 Ion Ratio Lower Upper
 225 100
 223 64.7 31.3 93.8
 227 64.9 32.4 97.0



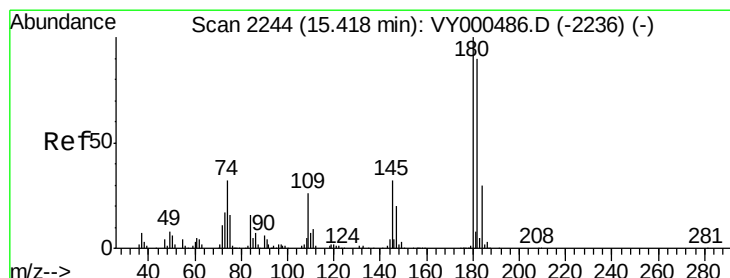
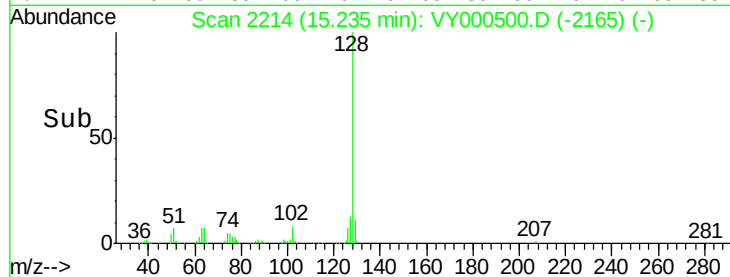
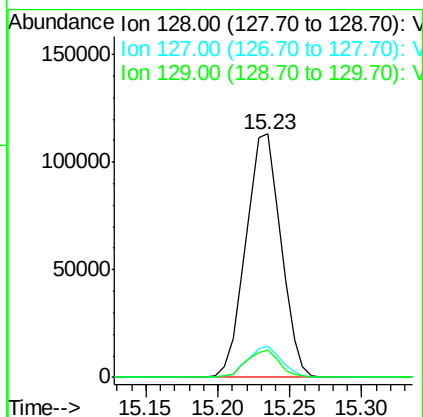
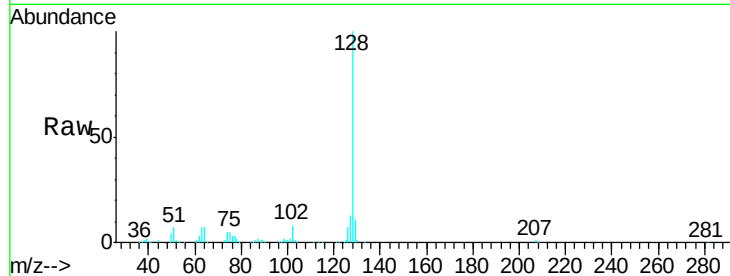
Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95
Naphthalene
Concen: 22.332 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY000500.D
Acq: 31 Oct 2019 13:06

Tgt Ion:	128	Resp:	190601
Ion	Ratio	Lower	Upper
128	100		
127	12.3	9.8	14.6
129	10.7	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 22.279 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. -0.00 min
Lab File: VY000500.D
Acq: 31 Oct 2019 13:06

Tgt Ion:	180	Resp:	76849
Ion	Ratio	Lower	Upper
180	100		
182	94.5	47.4	142.3
145	30.6	15.7	47.0

