

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 05:50:09 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	15397	56.552	ug/l # 82
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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 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

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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)

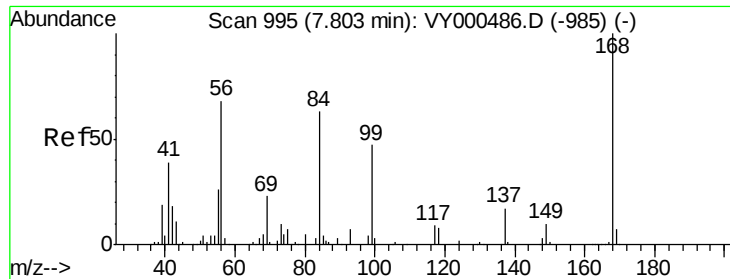
39) Methylcyclohexane	9.19	83	114022	21.501	ug/l	96
40) Benzene	8.17	78	247454	20.562	ug/l	98
41) Methacrylonitrile	7.35	41	71510	52.599	ug/l #	7
42) 1,2-Dichloroethane	8.25	62	72319	21.187	ug/l	97
43) Isopropyl Acetate	8.28	43	99598	21.756	ug/l	99
44) Trichloroethene	8.94	130	67214	21.183	ug/l	87
45) 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	81106	37.573	ug/l #	100
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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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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY000500.D

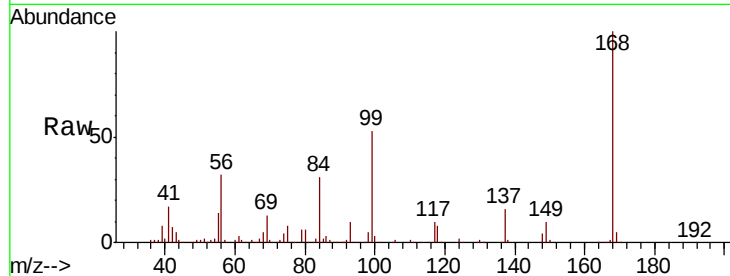
Acq: 31 Oct 2019 13:06

Tot 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) (-)

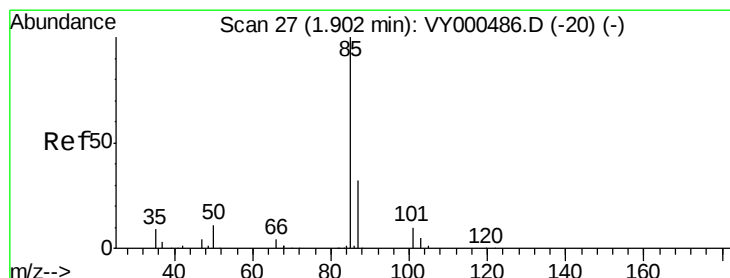
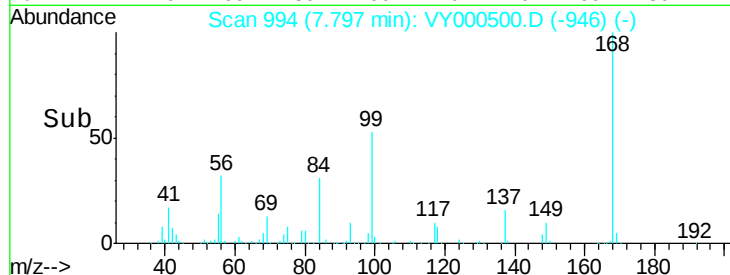
7.80

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 19.154 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY000500.D

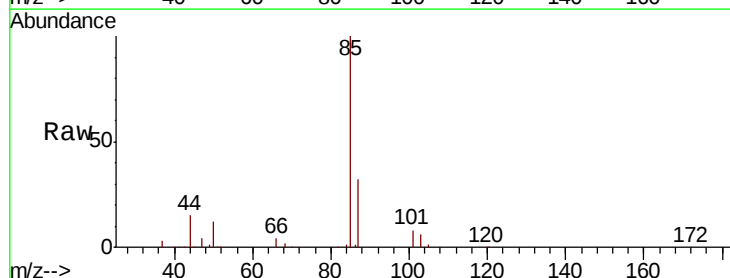
Acq: 31 Oct 2019 13:06

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

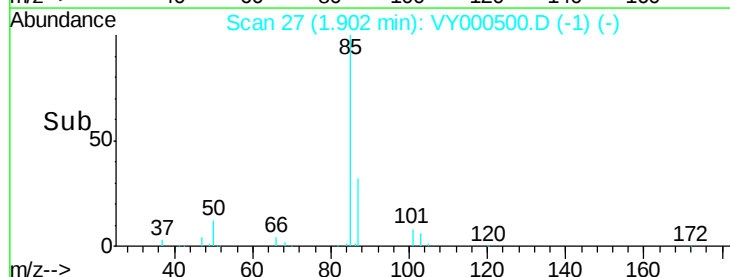
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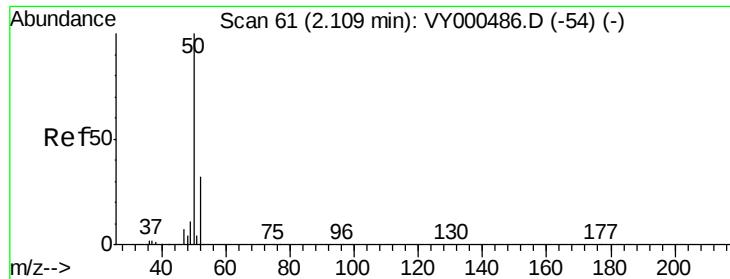
20000

10000

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Time-->





#3

Chloromethane

Concen: 20.332 ug/l

RT: 2.11 min Scan# 61

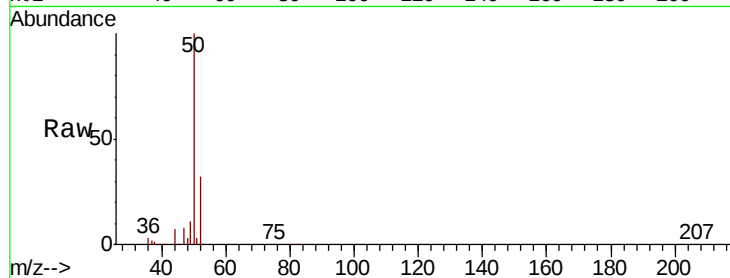
Delta R.T. -0.00 min

Lab File: VY000500.D

Acq: 31 Oct 2019 13:06

Tot Ion: 50 Resp: 74517

Ion	Ratio	Lower	Upper
50	100		
52	31.7	25.2	37.8



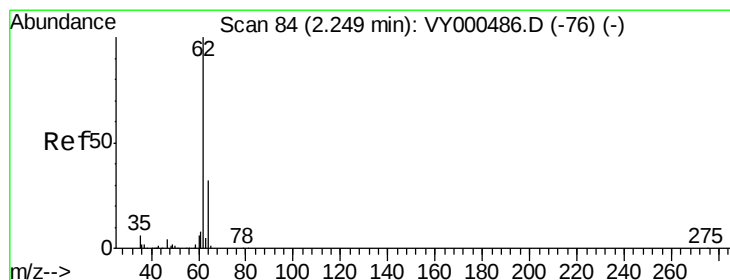
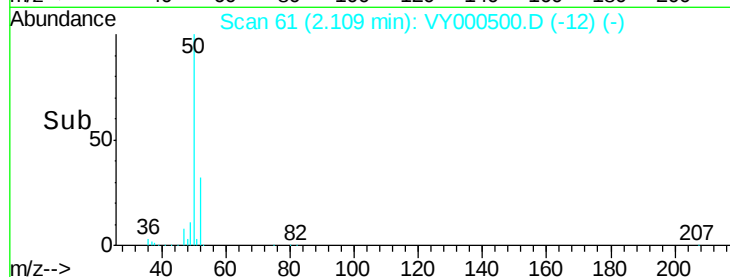
Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0

2.11

Time-->

2.05 2.10 2.15 2.20



#4

Vinyl Chloride

Concen: 20.410 ug/l

RT: 2.25 min Scan# 84

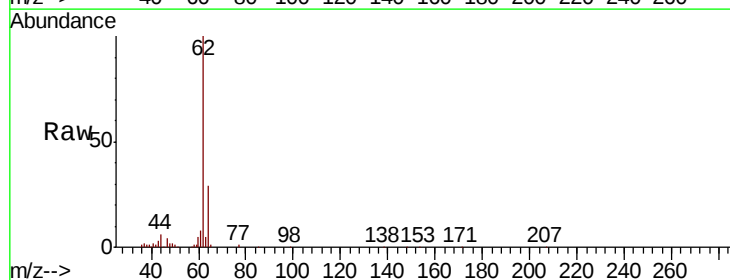
Delta R.T. -0.00 min

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



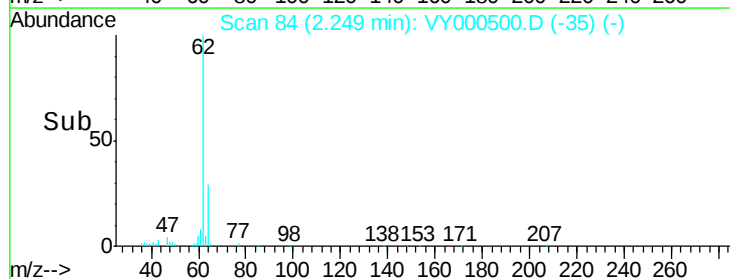
Abundance Ion 61.90 (61.60 to 62.60): VY0

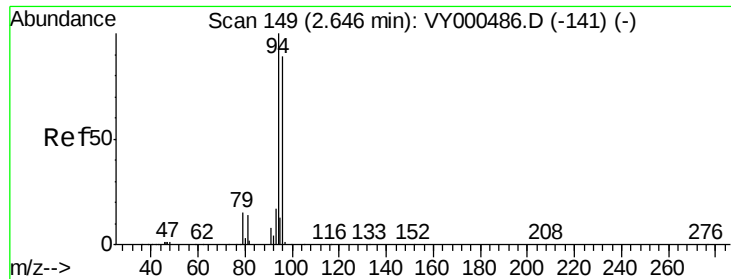
Ion 63.90 (63.60 to 64.60): VY0

2.25

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

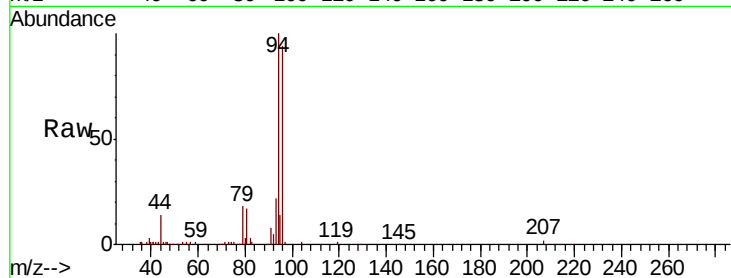
Acq: 31 Oct 2019 13:06

Tot 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

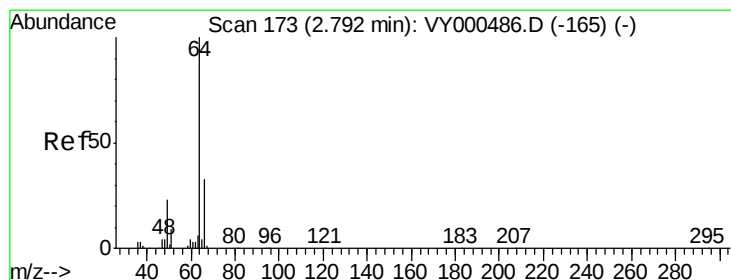
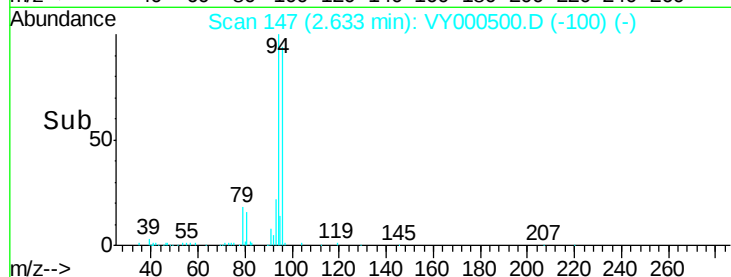
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5000

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

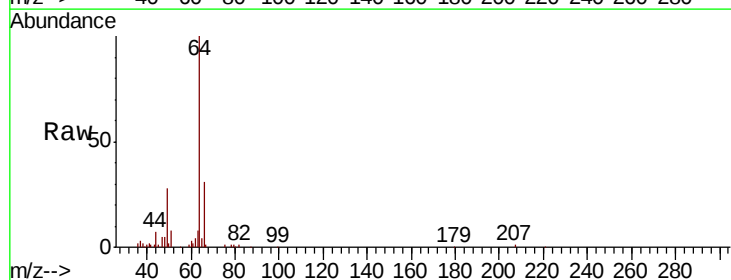
Acq: 31 Oct 2019 13:06

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

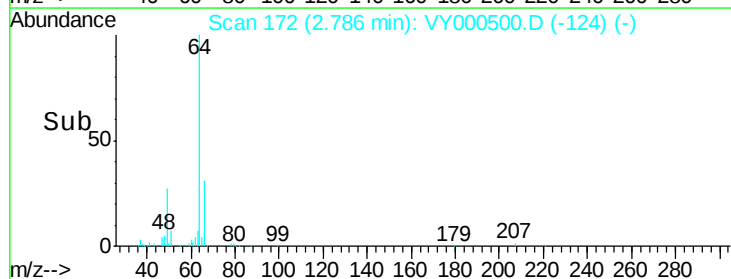
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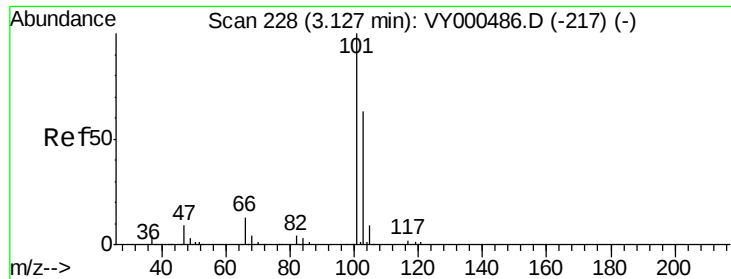
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0

Time-->

2.70 2.80 2.90

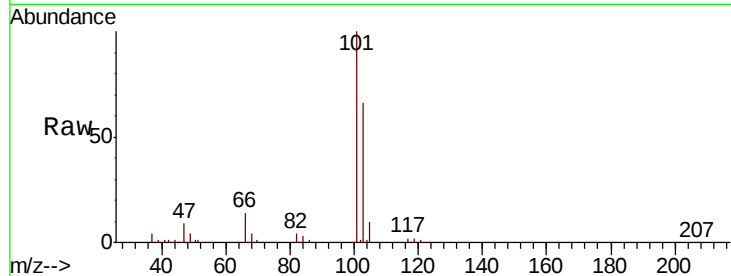




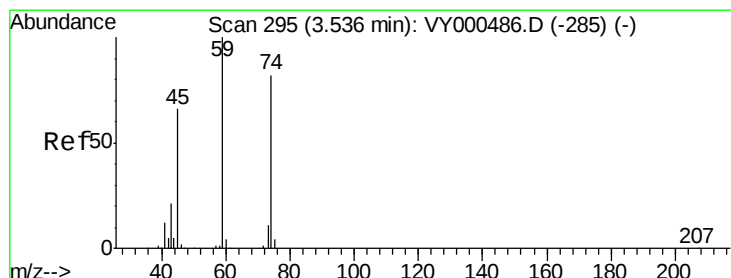
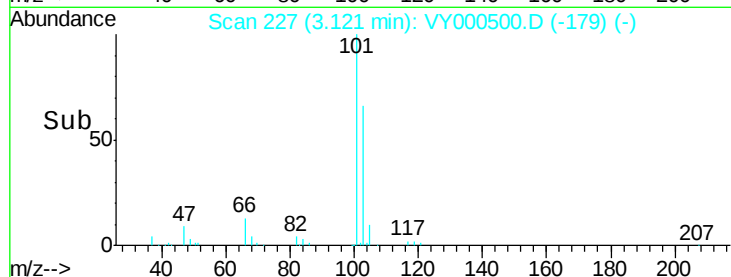
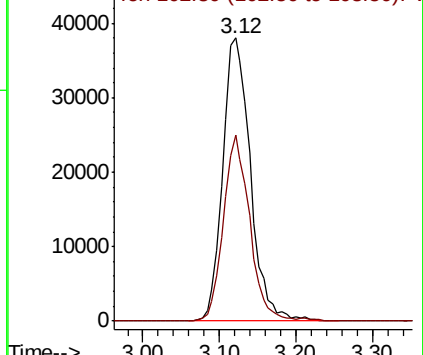
#7

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

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.9	50.5	75.7



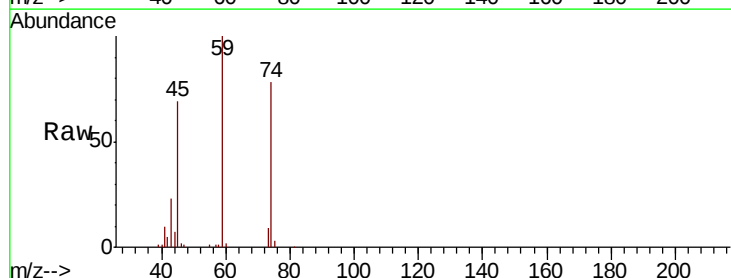
Abundance Ion 100.90 (100.60 to 101.60): VY000486.D (-217) (-)



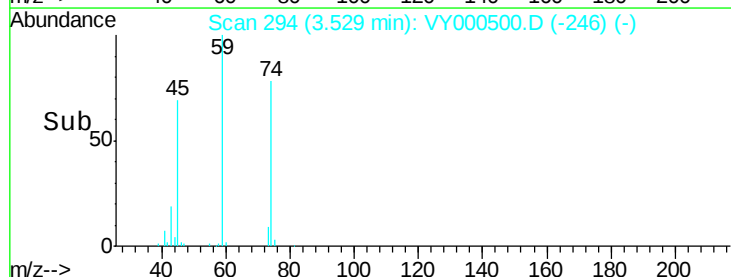
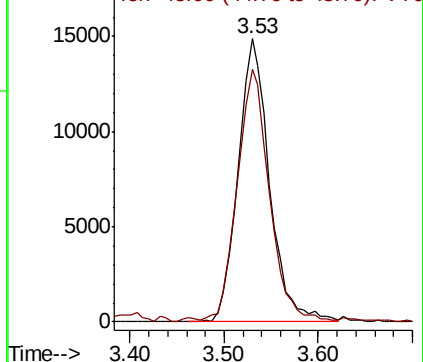
#8

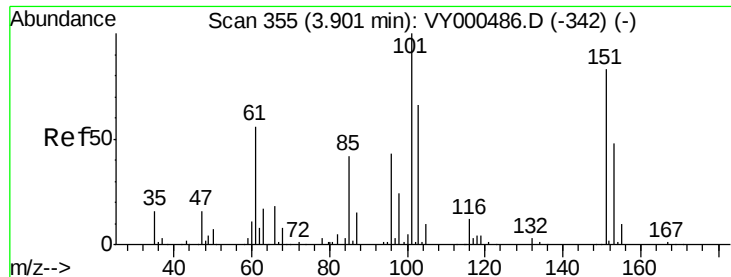
Diethyl Ether
Concen: 21.243 ug/l
RT: 3.53 min Scan# 294
Delta R.T. -0.01 min
Lab File: VY000500.D
Acq: 31 Oct 2019 13:06

Tgt Ion	Ratio	Lower	Upper
74	100		
45	89.7	45.5	136.4



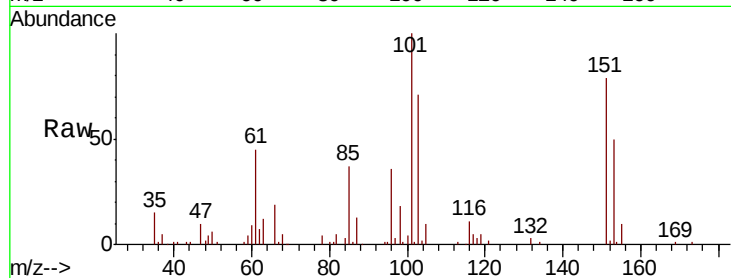
Abundance Ion 74.00 (73.70 to 74.70): VY000486.D (-285) (-)



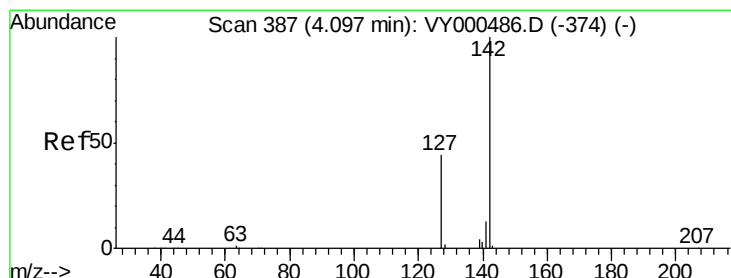
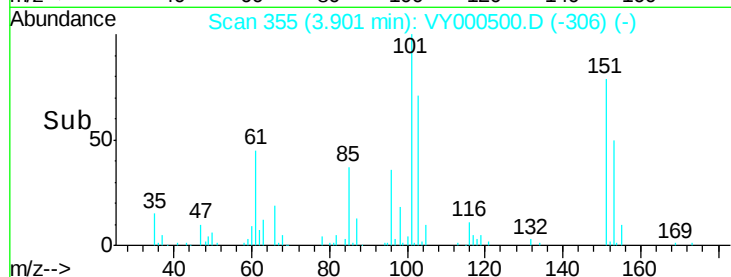
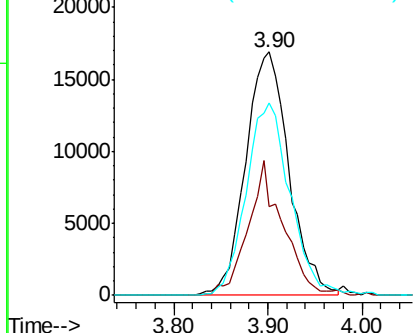


#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 19.548 ug/l
 RT: 3.90 min Scan# 355
 Delta R.T. -0.00 min
 Lab File: VY000500.D
 Acq: 31 Oct 2019 13:06

Tot Ion	Ratio	Lower	Upper
101	100		
85	44.4	36.7	55.1
151	80.9	64.3	96.5

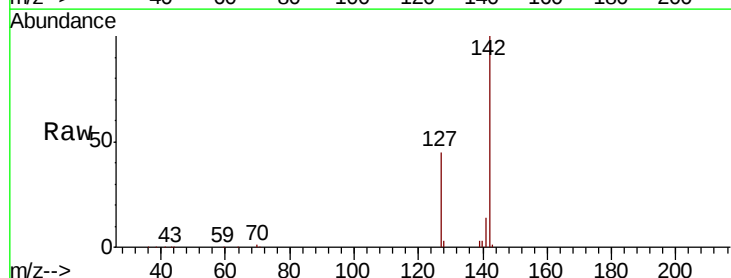


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): VY0
 Ion 150.80 (150.50 to 151.50): V

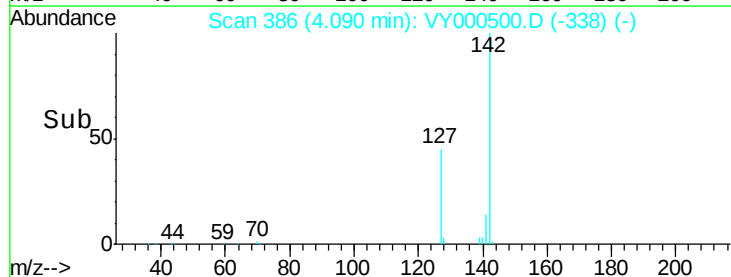
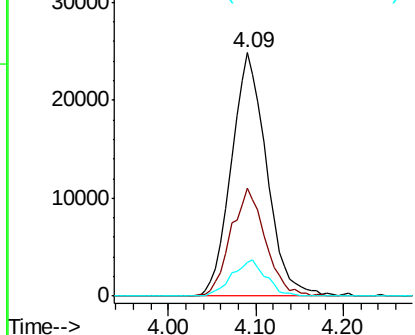


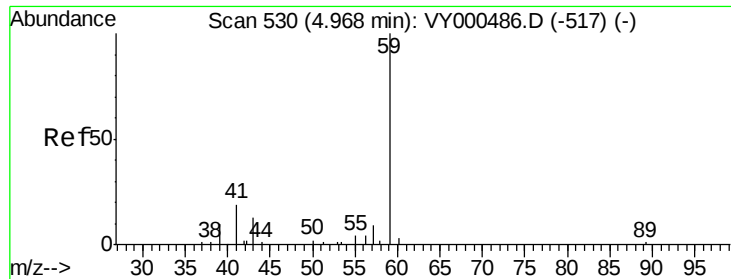
#10
 Methyl Iodide
 Concen: 21.016 ug/l
 RT: 4.09 min Scan# 386
 Delta R.T. -0.01 min
 Lab File: VY000500.D
 Acq: 31 Oct 2019 13:06

Tgt Ion	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: 56.552 ug/l

RT: 4.96 min Scan# 529

Delta R.T. -0.01 min

Lab File: VY000500.D

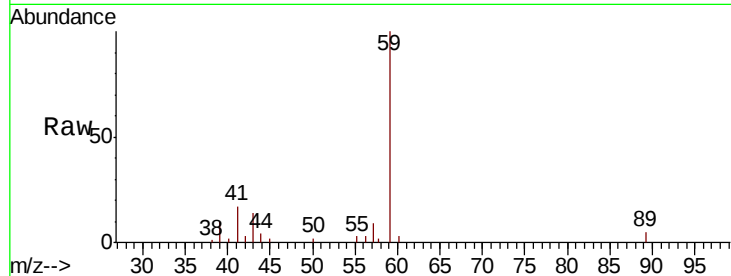
Acq: 31 Oct 2019 13:06

Tot Ion: 59 Resp: 15397

Ion Ratio Lower Upper

59 100

57 17.4 8.6 12.8#



Abundance Ion 59.00 (58.70 to 59.70): VY0

Ion 57.00 (56.70 to 57.70): VY0

8000

6000

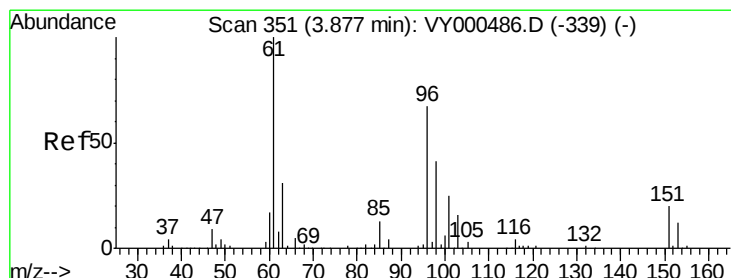
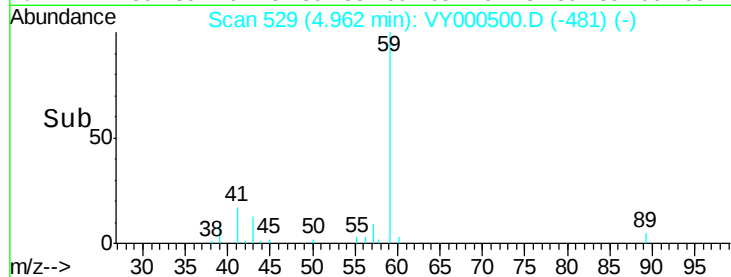
4000

2000

0

4.85 4.90 4.95 5.00

Time-->



#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

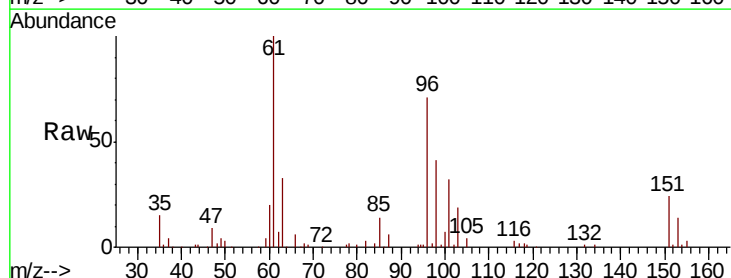
Tgt Ion: 96 Resp: 54972

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

40000

30000

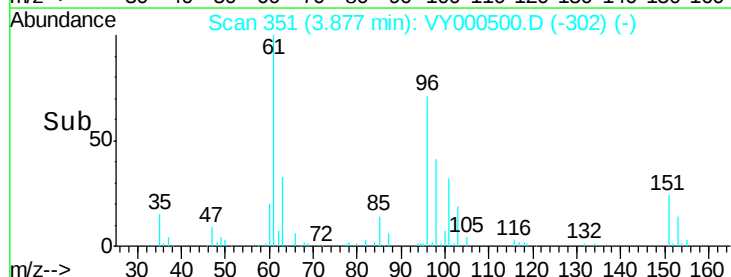
20000

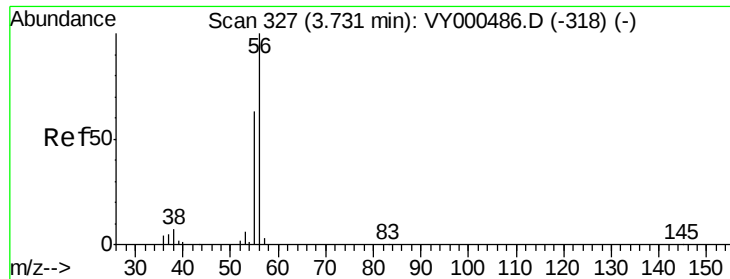
10000

0

3.80 3.90 4.00

Time-->





#13

Acrolein

Concen: 99.243 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.01 min

Lab File: VY000500.D

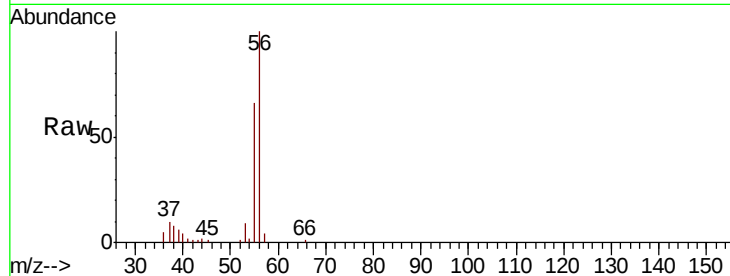
Acq: 31 Oct 2019 13:06

Tot Ion: 56 Resp: 23536

Ion Ratio Lower Upper

56 100

55 68.7 57.0 85.6



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

3.74

10000

8000

6000

4000

2000

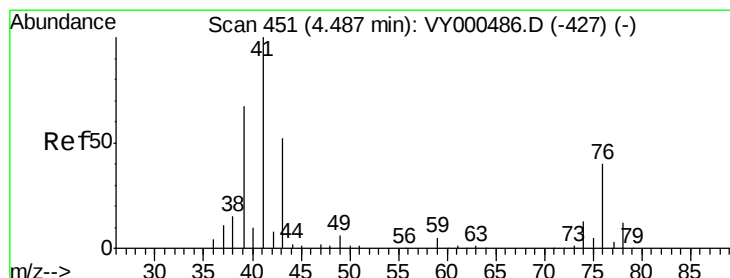
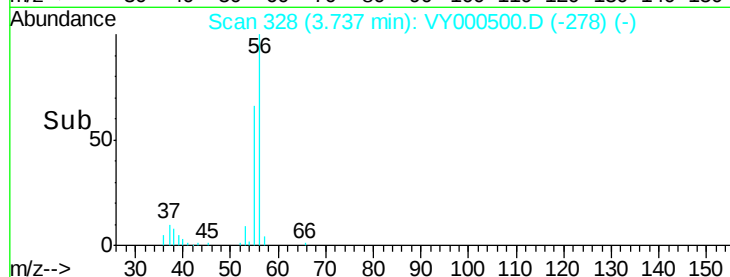
0

Time-->

3.60

3.70

3.80



#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

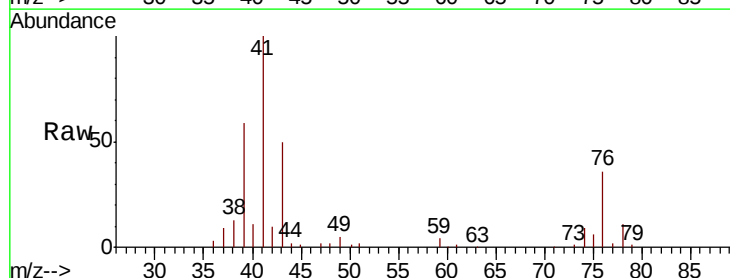
Tgt Ion: 41 Resp: 92789

Ion Ratio Lower Upper

41 100

39 66.3 53.6 80.4

76 37.2 29.8 44.6



Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0

4.48

40000

30000

20000

10000

0

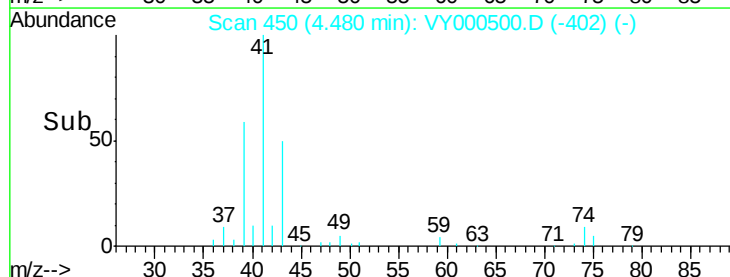
Time-->

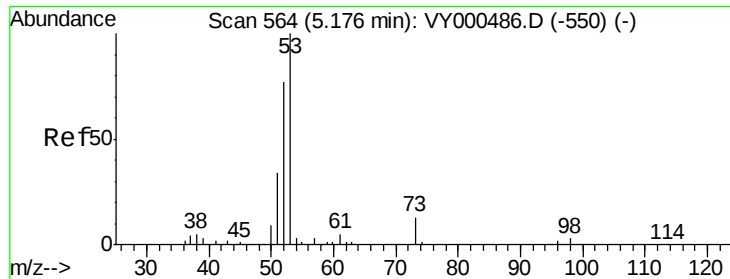
4.30

4.40

4.50

4.60





#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

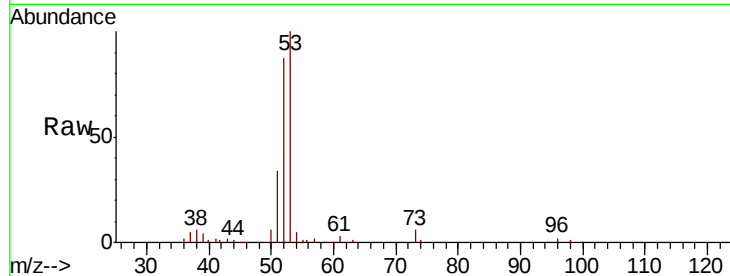
Tot Ion: 53 Resp: 89143

Ion Ratio Lower Upper

53 100

52 80.6 64.9 97.3

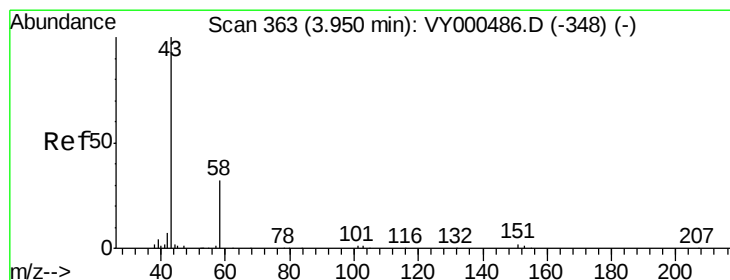
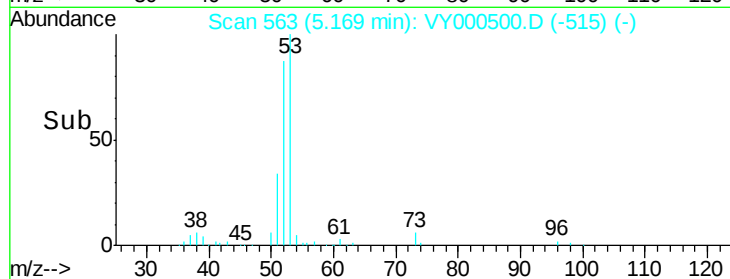
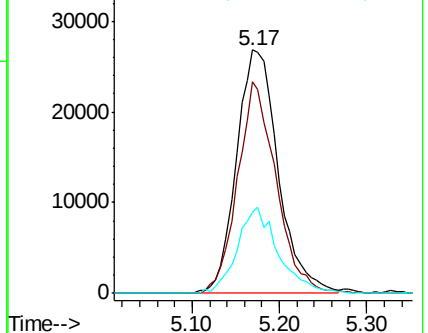
51 34.7 27.6 41.4



Abundance Ion 53.00 (52.70 to 53.70): VY000500.D (-515) (-)

Ion 52.00 (51.70 to 52.70): VY000500.D (-515) (-)

Ion 51.00 (50.70 to 51.70): VY000500.D (-515) (-)



#16

Acetone

Concen: 94.919 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY000500.D

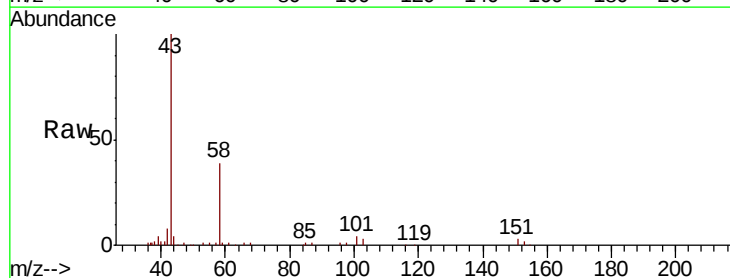
Acq: 31 Oct 2019 13:06

Tgt Ion: 43 Resp: 73169

Ion Ratio Lower Upper

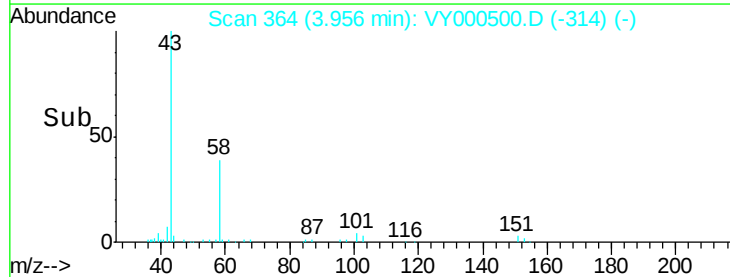
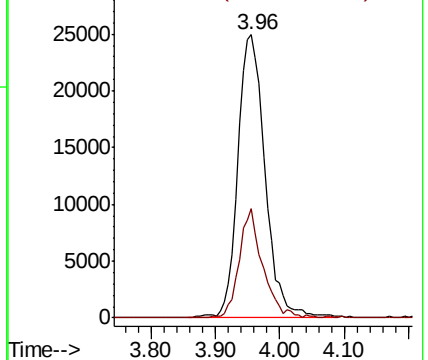
43 100

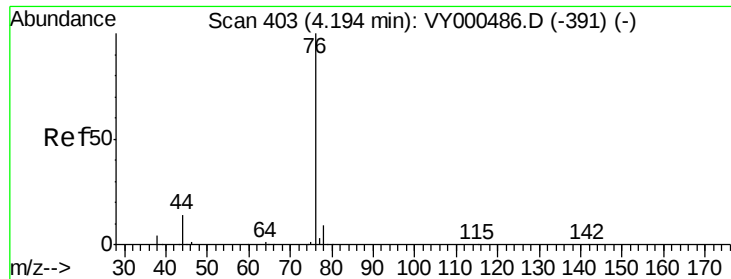
58 38.5 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VY000500.D (-314) (-)

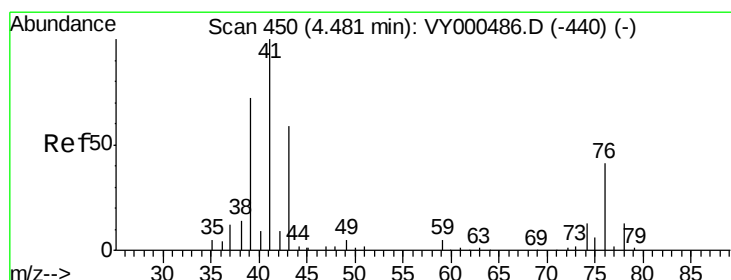
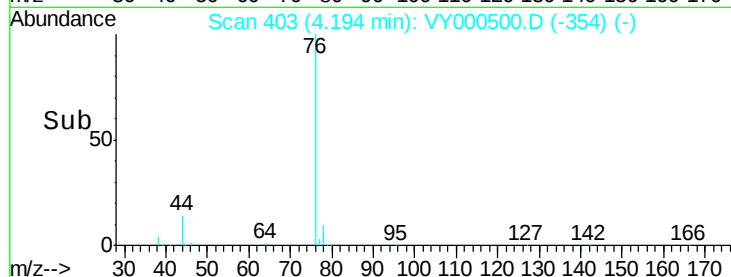
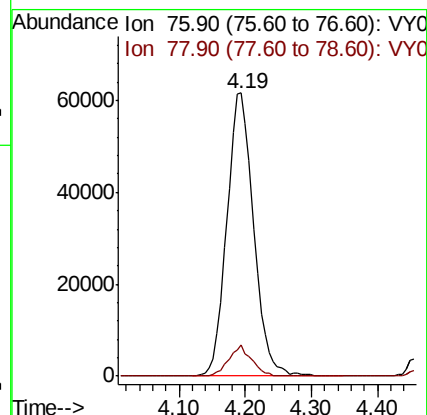
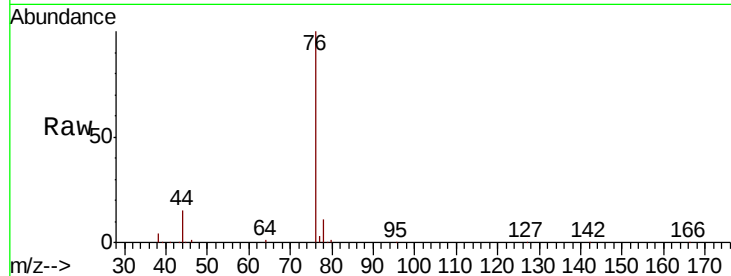
Ion 58.00 (57.70 to 58.70): VY000500.D (-314) (-)





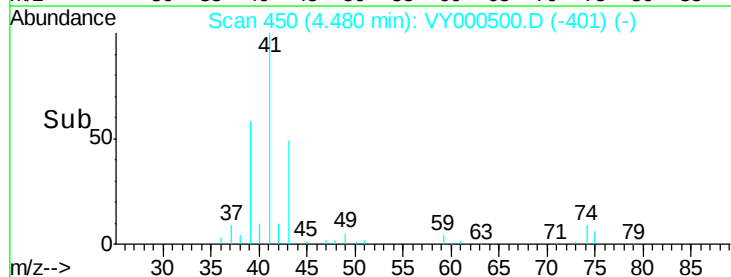
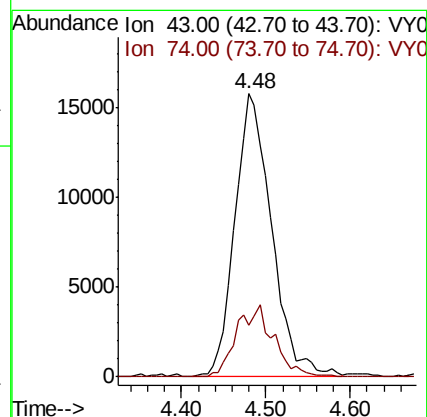
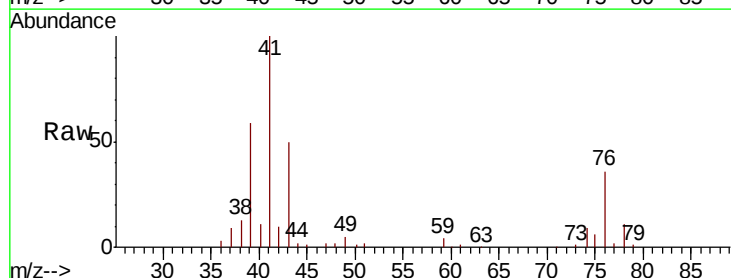
#17
Carbon Disulfide
Concen: 20.253 ug/l
RT: 4.19 min Scan# 403
Delta R.T. -0.00 min
Lab File: VY000500.D
Acq: 31 Oct 2019 13:06

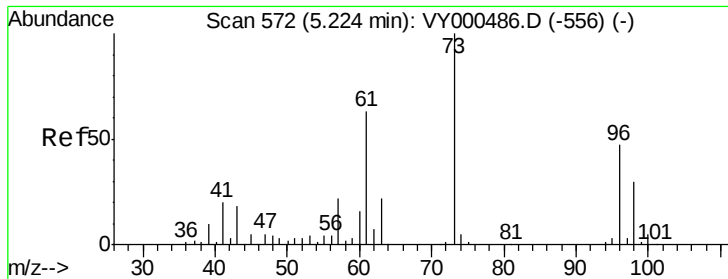
Tot Ion: 76 Resp: 172453
Ion Ratio Lower Upper
76 100
78 11.1 7.5 11.3



#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

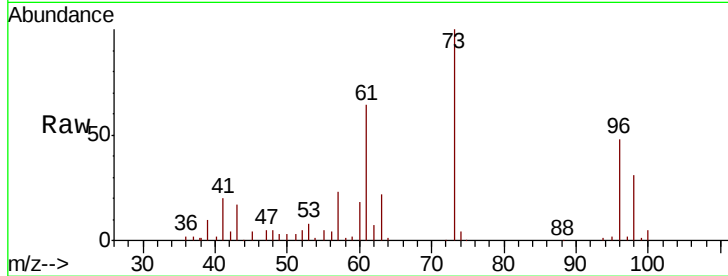
Tgt Ion: 43 Resp: 46736
Ion Ratio Lower Upper
43 100
74 25.6 19.2 28.8



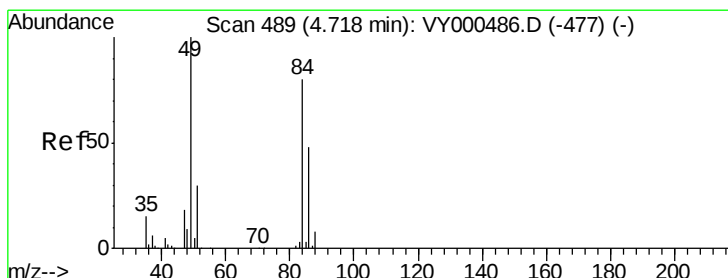
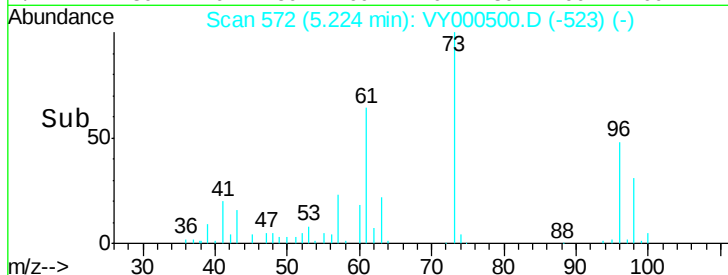
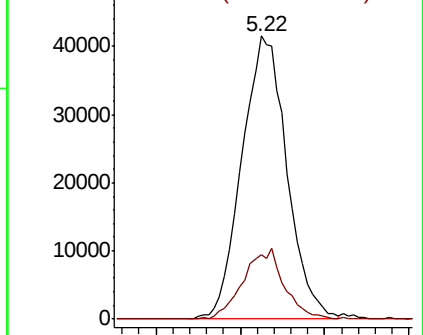


#19
Methvl tert-butvl Ether
Concen: 20.179 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.00 min
Lab File: VY000500.D
Acq: 31 Oct 2019 13:06

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

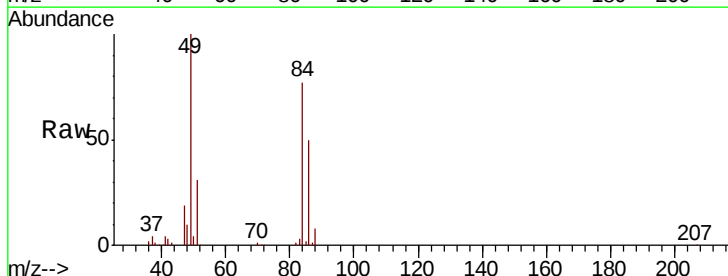


Abundance Ion 73.00 (72.70 to 73.70): VY0
Ion 57.00 (56.70 to 57.70): VY0

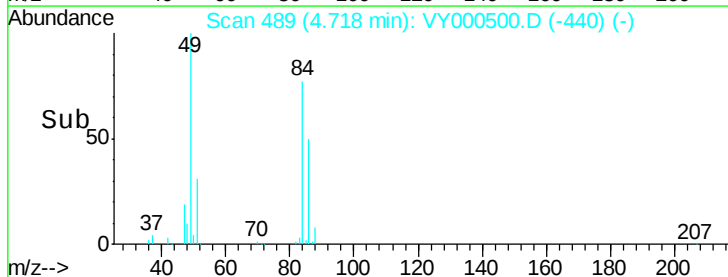
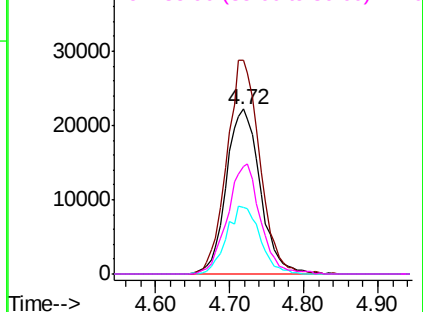


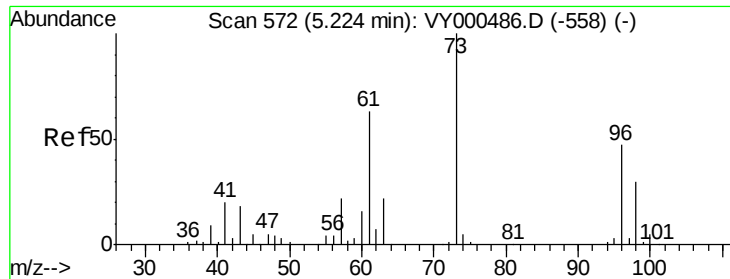
#20
Methylene Chloride
Concen: 21.484 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.00 min
Lab File: VY000500.D
Acq: 31 Oct 2019 13:06

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

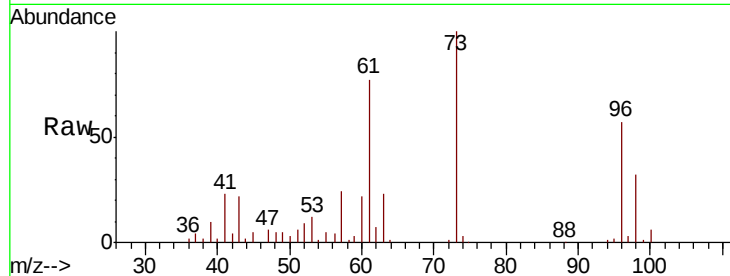
Tot Ion: 96 Resp: 62514

Ion Ratio Lower Upper

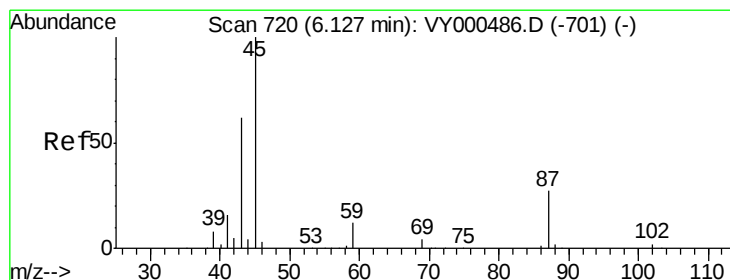
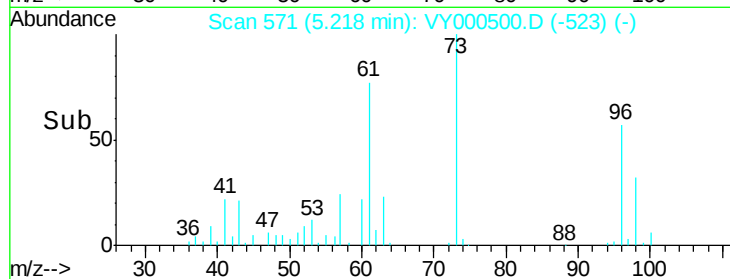
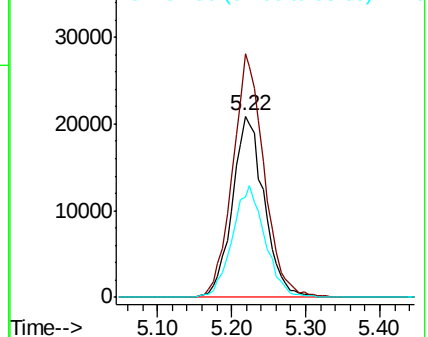
96 100

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

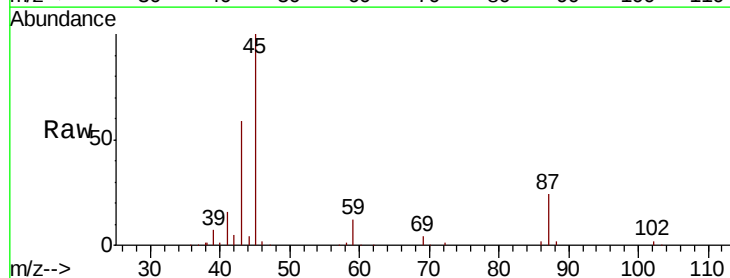
Ion Ratio Lower Upper

45 100

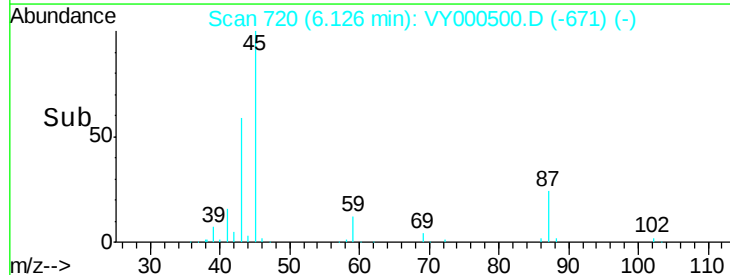
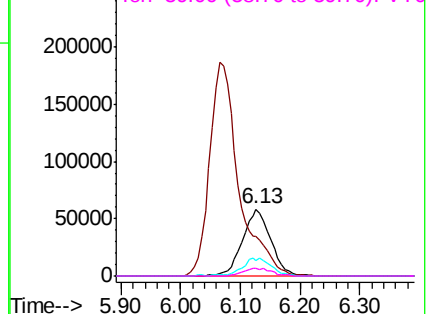
43 58.2 50.0 75.0

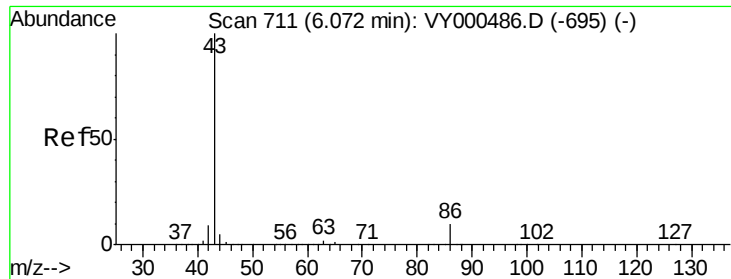
87 23.9 21.6 32.4

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

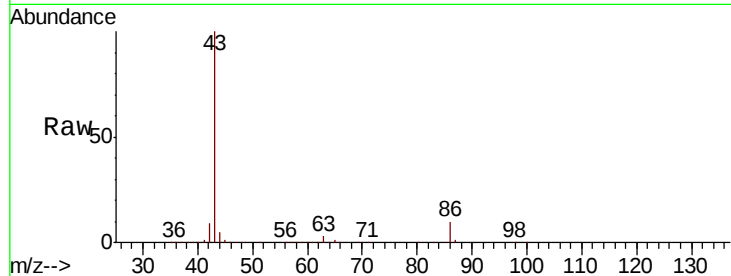
Acq: 31 Oct 2019 13:06

Tot Ion: 43 Resp: 631249

Ion Ratio Lower Upper

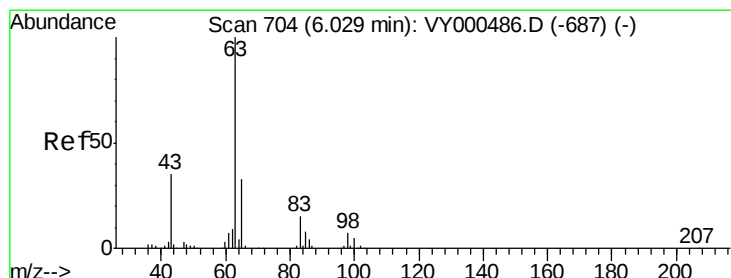
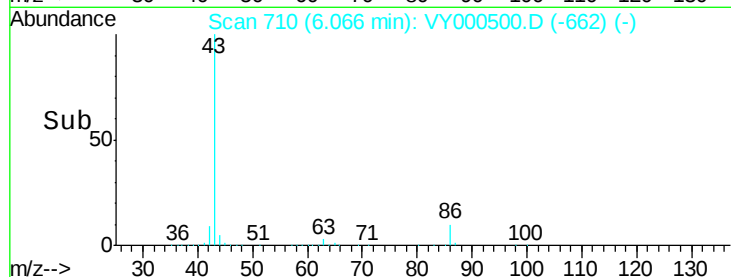
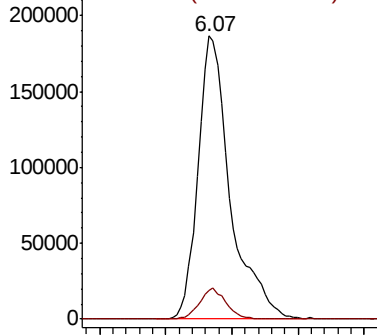
43 100

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



#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

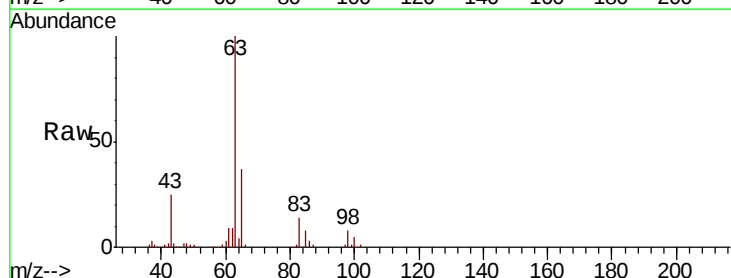
Tgt Ion: 63 Resp: 101976

Ion Ratio Lower Upper

63 100

98 8.2 3.5 10.6

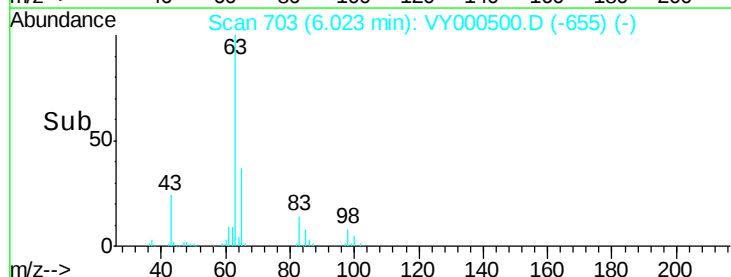
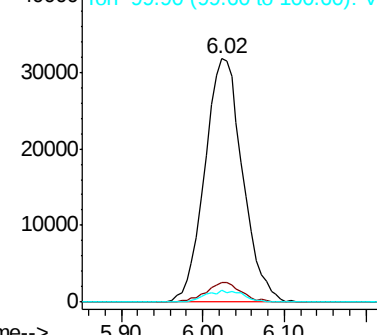
100 4.7 2.4 7.1

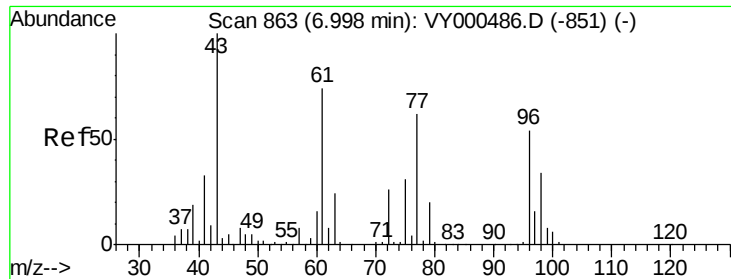


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 96.788 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.00 min

Lab File: VY000500.D

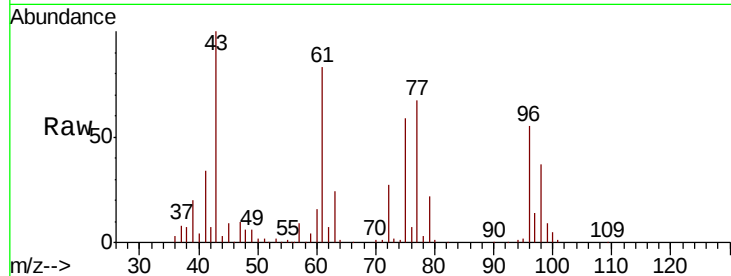
Acq: 31 Oct 2019 13:06

Tot Ion: 43 Resp: 119072

Ion Ratio Lower Upper

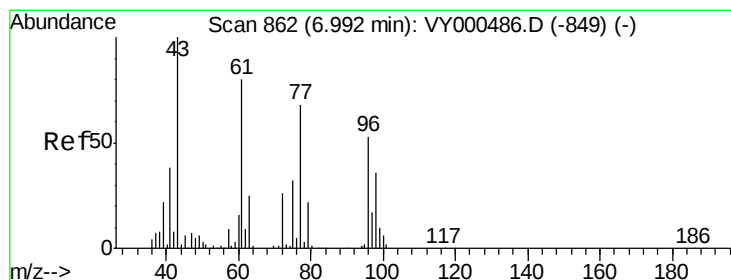
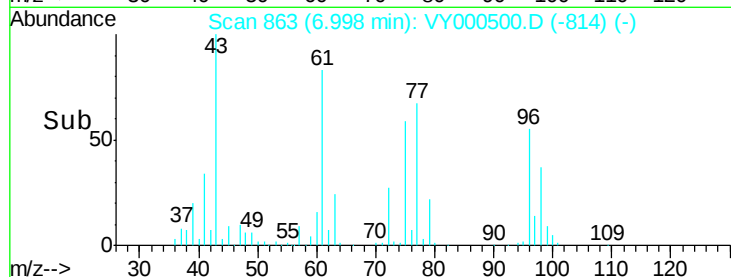
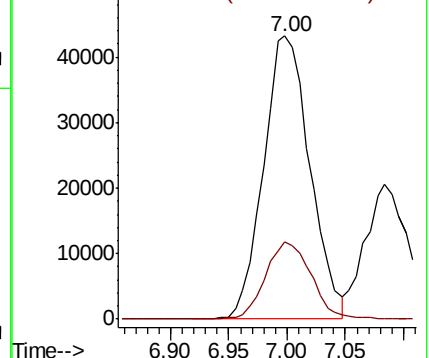
43 100

72 27.3 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#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

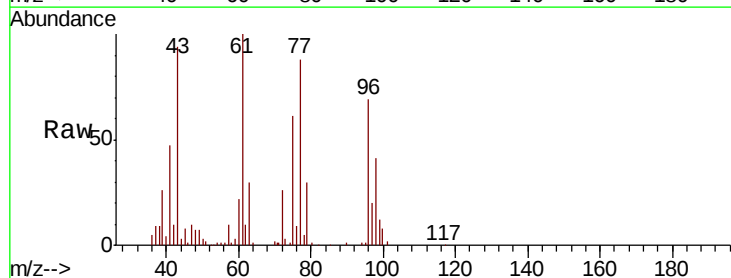
Acq: 31 Oct 2019 13:06

Tgt Ion: 77 Resp: 94747

Ion Ratio Lower Upper

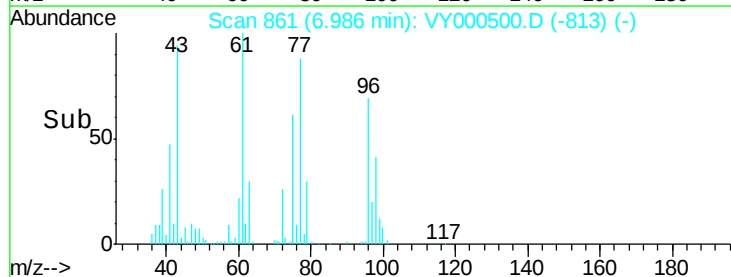
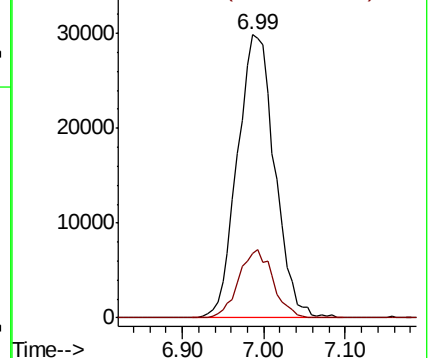
77 100

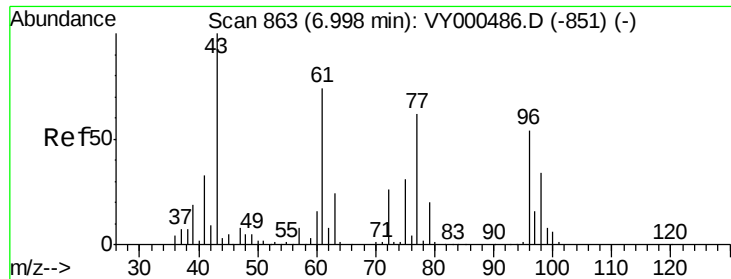
97 22.4 11.8 35.4



Abundance Ion 76.90 (76.60 to 77.60): VY0

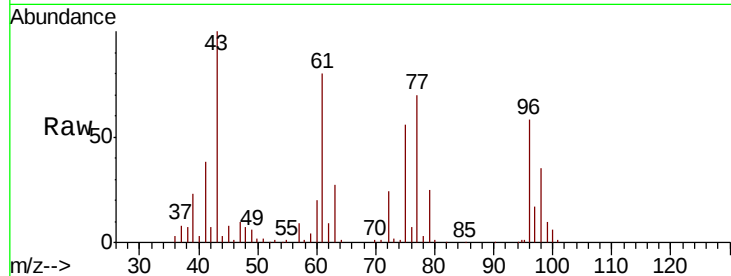
Ion 96.90 (96.60 to 97.60): VY0



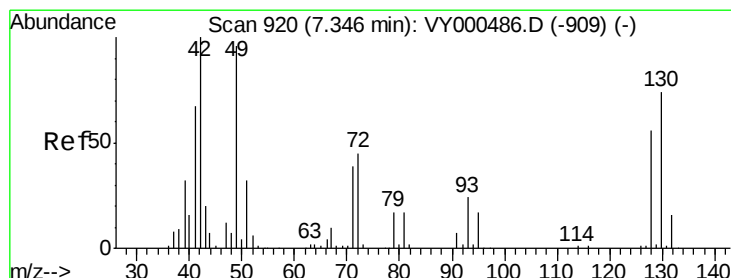
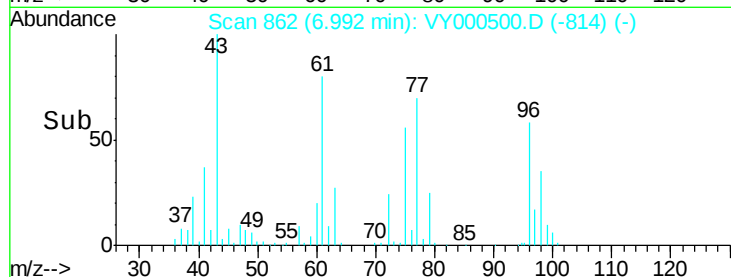
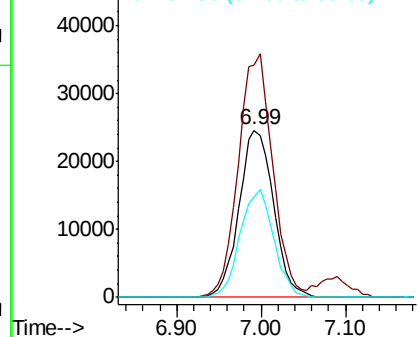


#27
 cis-1,2-Dichloroethene
 Concen: 20.499 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VY000500.D
 Acq: 31 Oct 2019 13:06

Tot Ion: 96 Resp: 68412
 Ion Ratio Lower Upper
 96 100
 61 144.4 0.0 287.0
 98 62.2 0.0 129.4

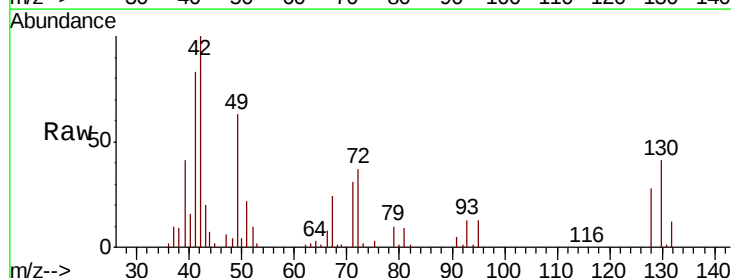


Abundance Ion 95.90 (95.60 to 96.60): VY0
 Ion 60.90 (60.60 to 61.60): VY0
 Ion 97.90 (97.60 to 98.60): VY0

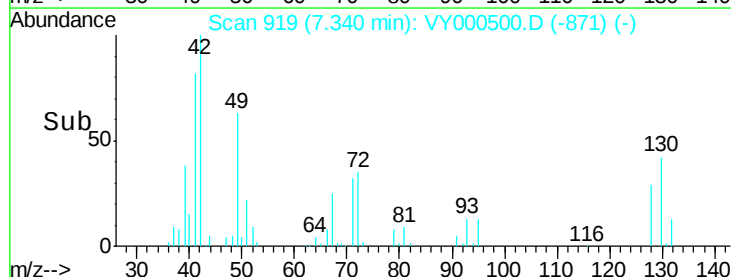
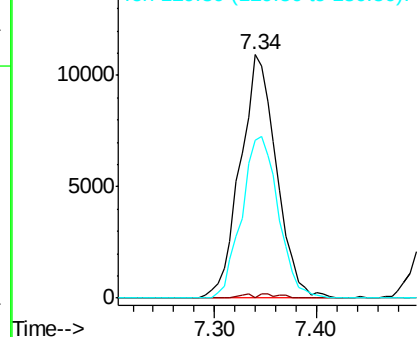


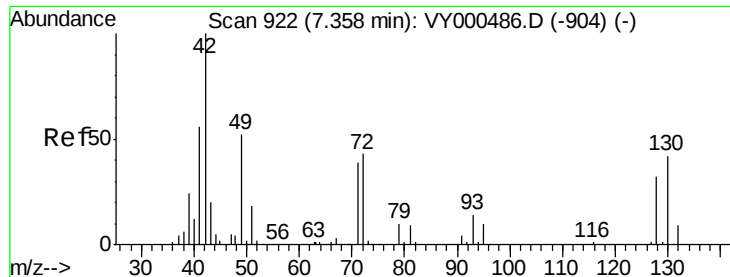
#28
 Bromochloromethane
 Concen: 14.557 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VY000500.D
 Acq: 31 Oct 2019 13:06

Tgt Ion: 49 Resp: 26869
 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

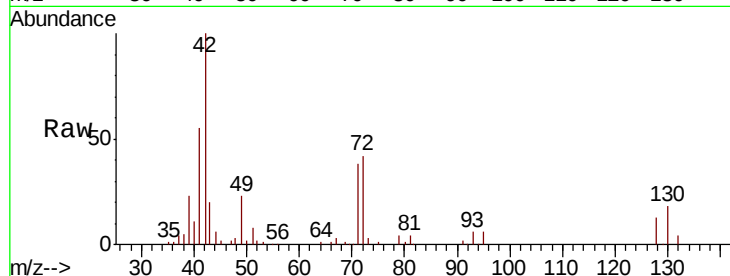
Delta R.T. -0.00 min

Lab File: VY000500.D

Acq: 31 Oct 2019 13:06

Tot Ion: 42 Resp: 78707

Ion	Ratio	Lower	Upper
42	100		
72	43.0	34.0	51.0
71	39.4	30.8	46.2

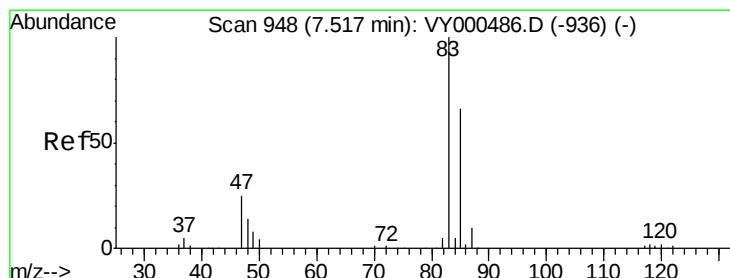
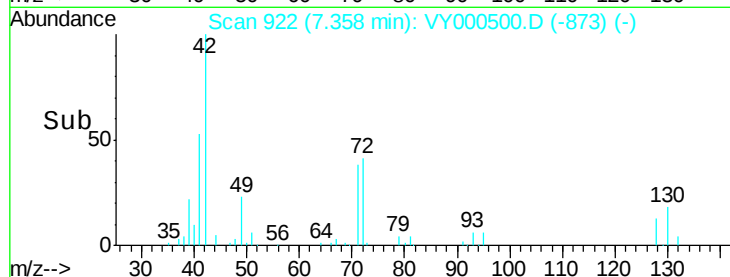
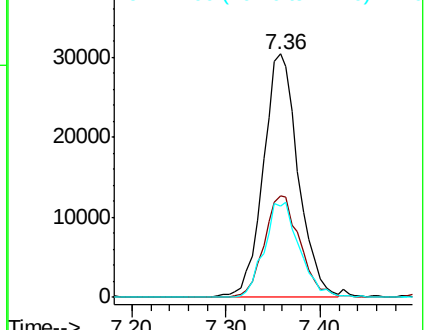


Abundance

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

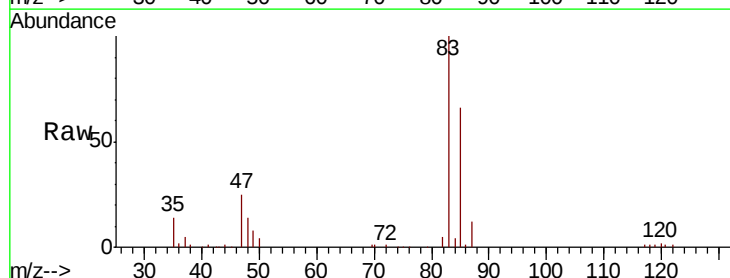
Delta R.T. -0.00 min

Lab File: VY000500.D

Acq: 31 Oct 2019 13:06

Tgt Ion: 83 Resp: 104651

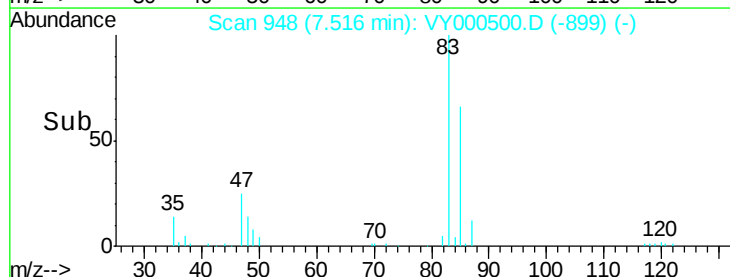
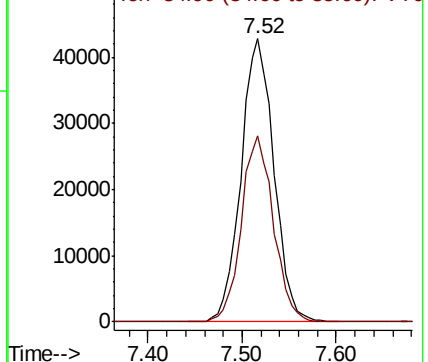
Ion	Ratio	Lower	Upper
83	100		
85	65.6	53.0	79.4

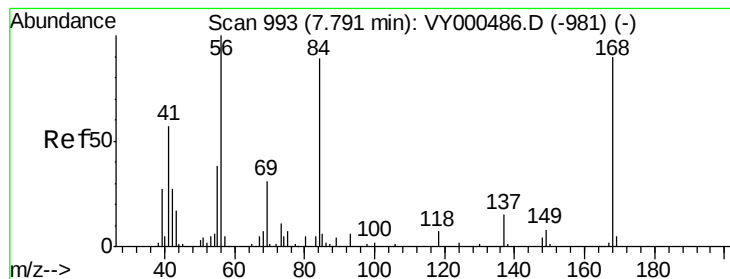


Abundance

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

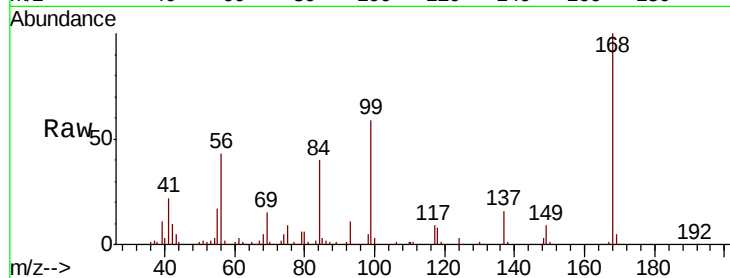
Delta R.T. -0.00 min

Lab File: VY000500.D

Acq: 31 Oct 2019 13:06

Tot Ion: 56 Resp: 107860

Ion	Ratio	Lower	Upper
56	100		
69	35.1	25.0	37.6
84	90.1	71.4	107.2

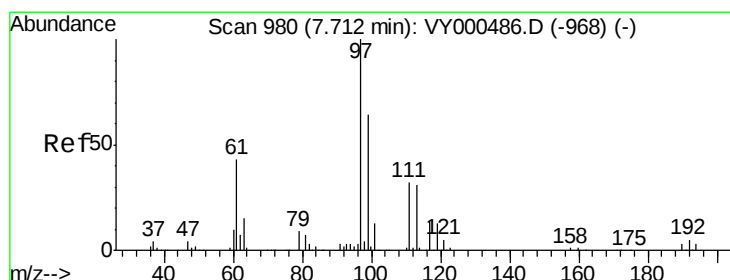
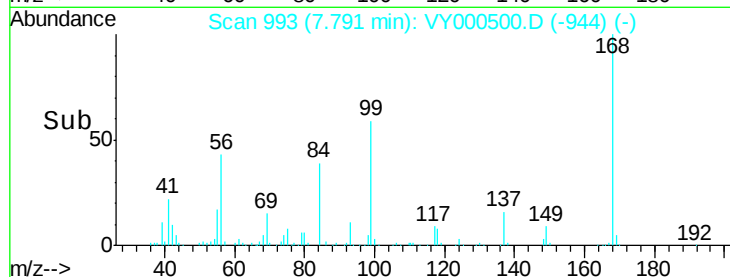
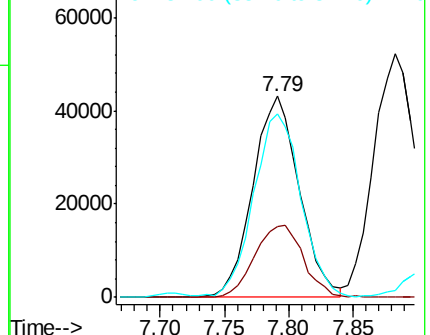


Abundance

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

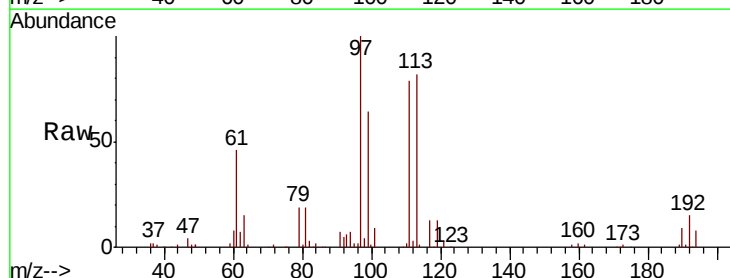
Delta R.T. -0.00 min

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

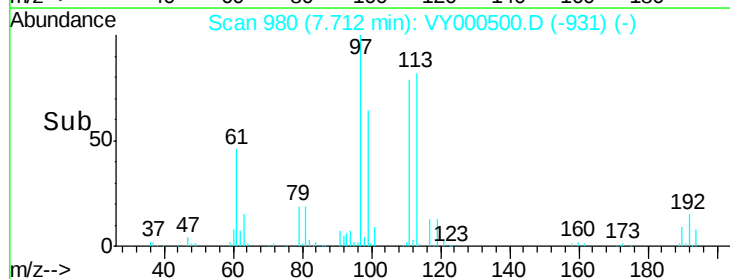
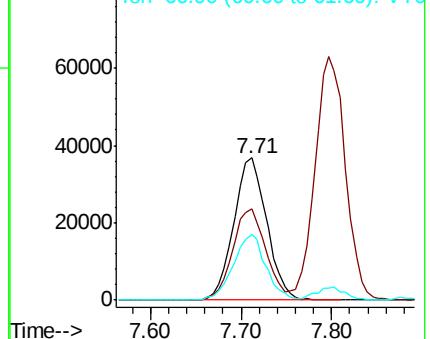


Abundance

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

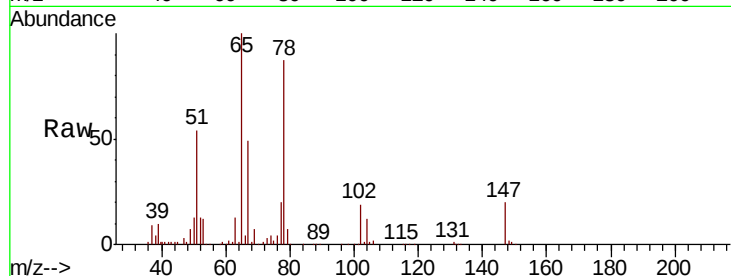
Acq: 31 Oct 2019 13:06

Tot Ion: 65 Resp: 136267

Ion Ratio Lower Upper

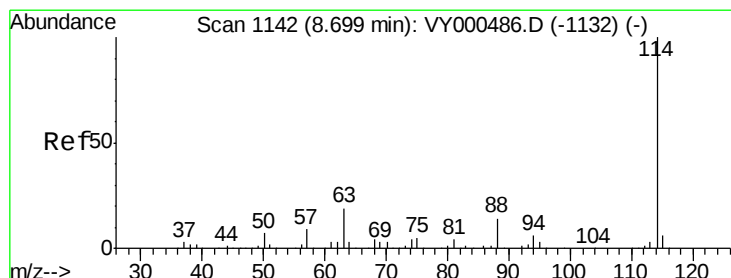
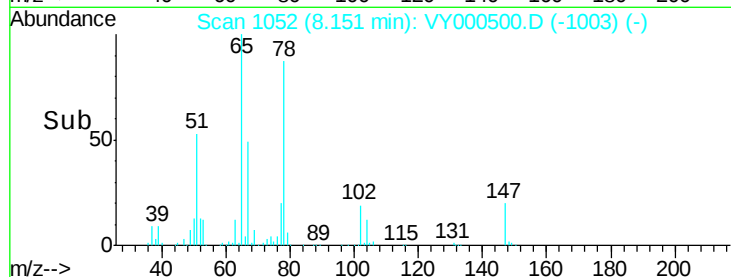
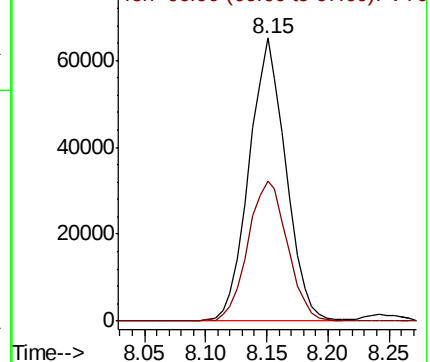
65 100

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

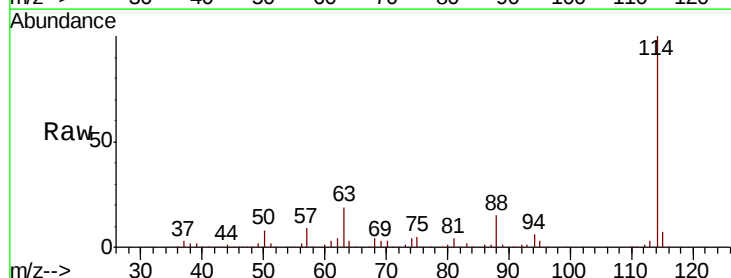
Tgt Ion: 114 Resp: 434215

Ion Ratio Lower Upper

114 100

63 19.2 0.0 38.0

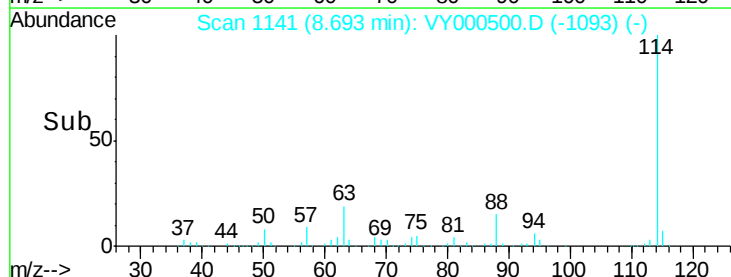
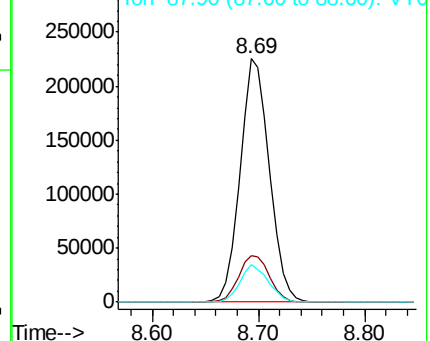
88 15.2 0.0 28.6

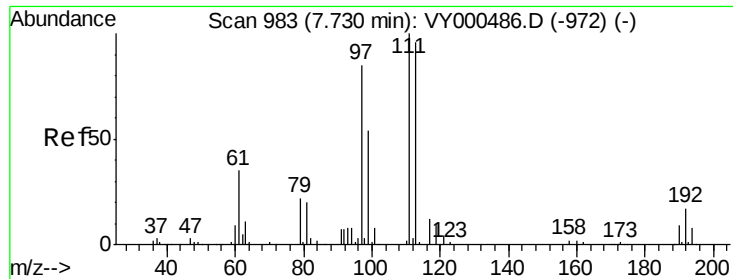


Abundance Ion 113.90 (113.60 to 114.60): V

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

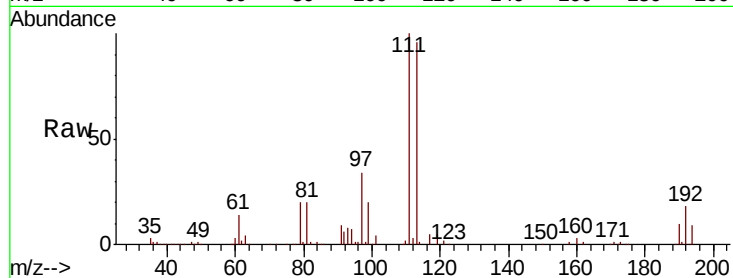
Tot Ion:113 Resp: 121132

Ion Ratio Lower Upper

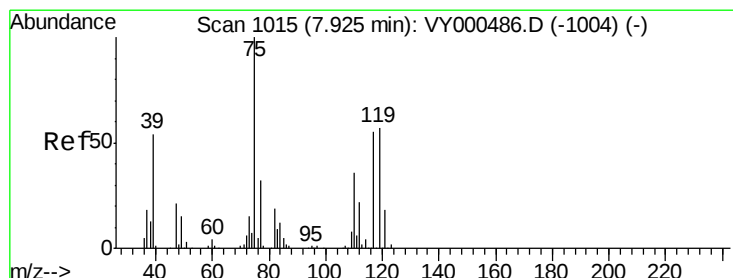
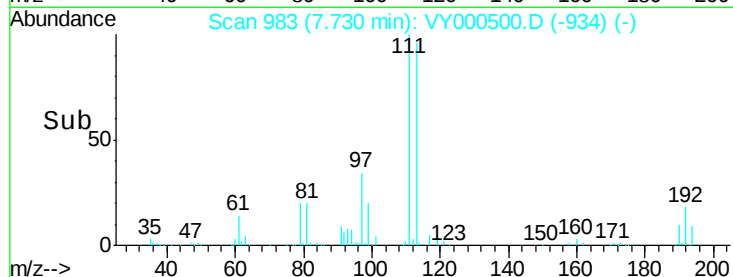
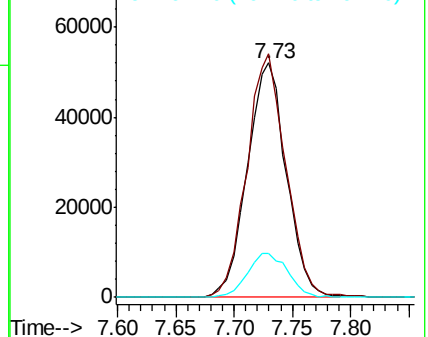
113 100

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

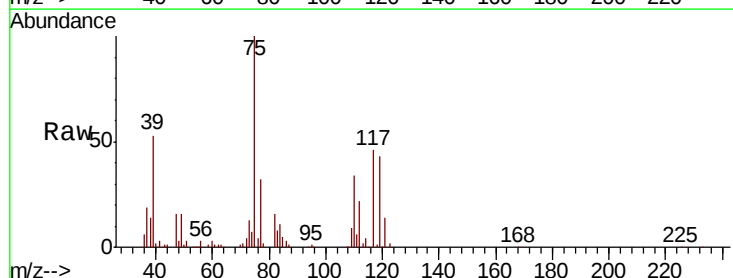
Tgt Ion: 75 Resp: 86790

Ion Ratio Lower Upper

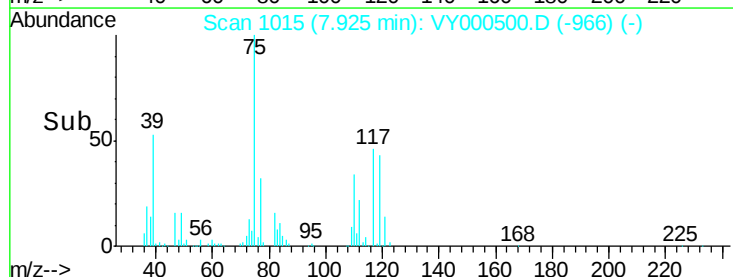
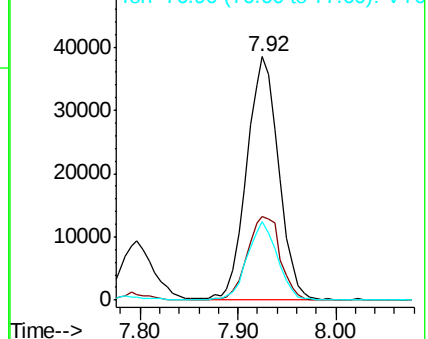
75 100

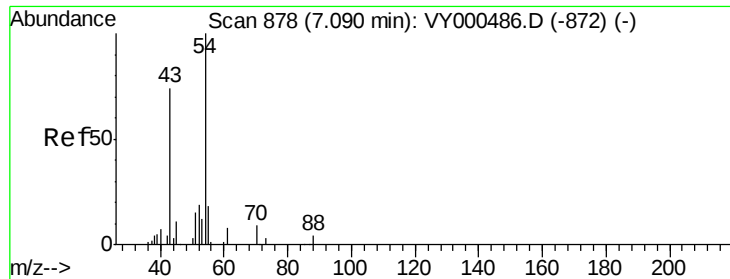
110 35.4 18.1 54.1

77 30.8 25.0 37.6



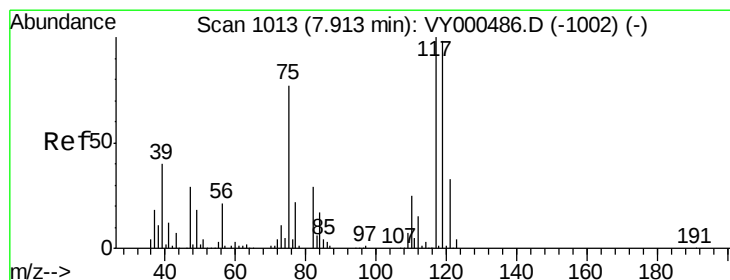
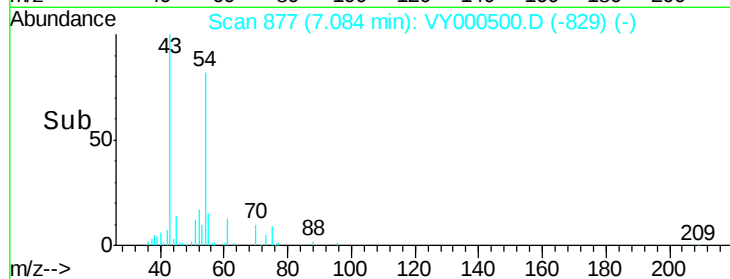
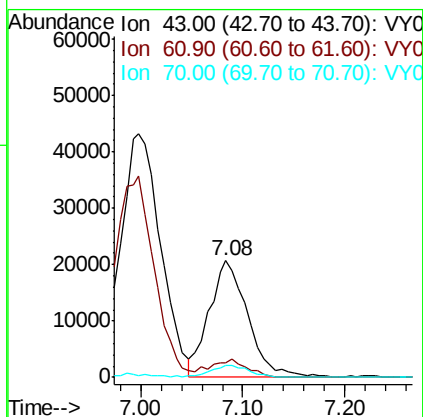
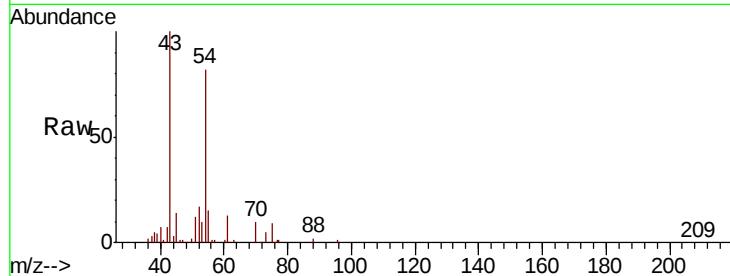
Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VY0





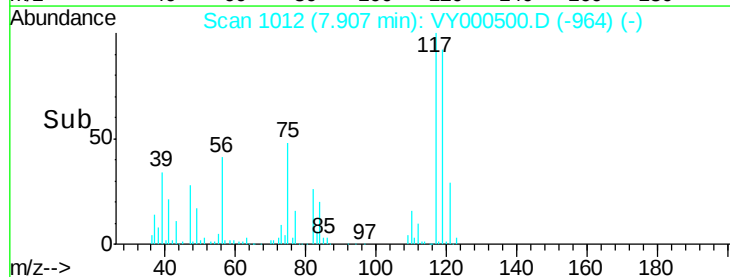
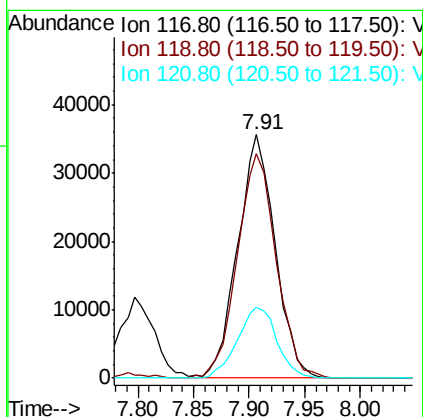
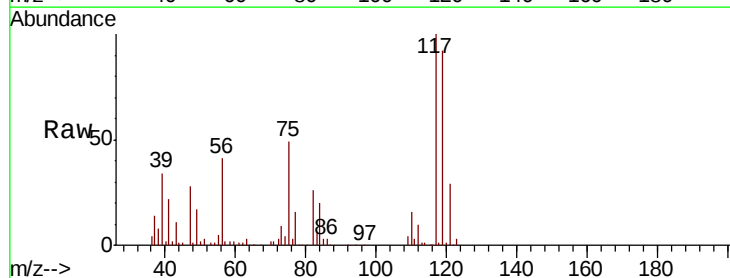
#37
Ethyl Acetate
Concen: 22.114 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY000500.D
Acq: 31 Oct 2019 13:06

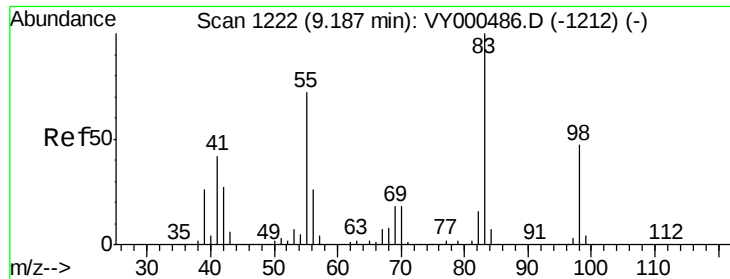
Tot Ion: 43 Resp: 53893
Ion Ratio Lower Upper
43 100
61 14.6 10.2 15.2
70 10.5 7.8 11.8



#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

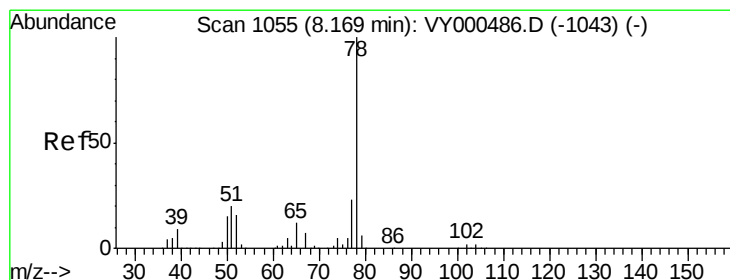
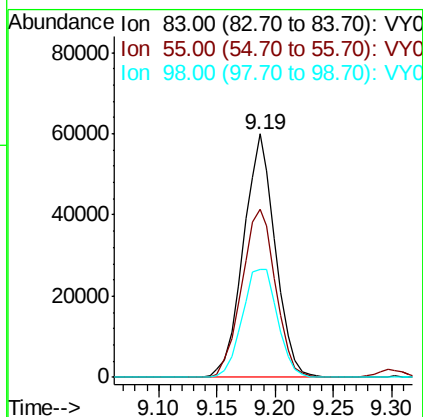
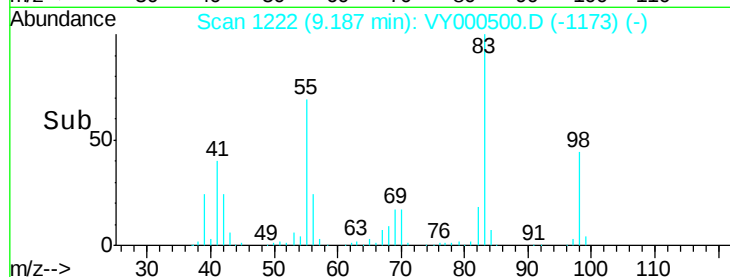
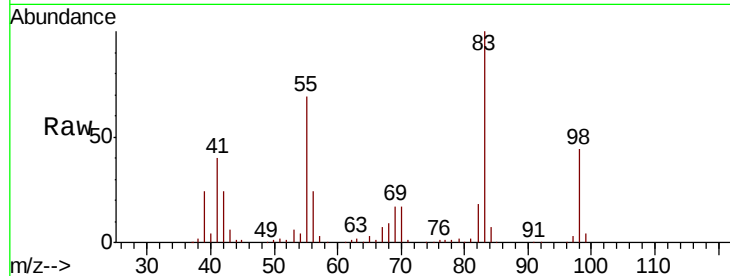




#39
Methvlcvclohexane
Concen: 21.501 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY000500.D
Acq: 31 Oct 2019 13:06

Tot Ion: 83 Resp: 114022

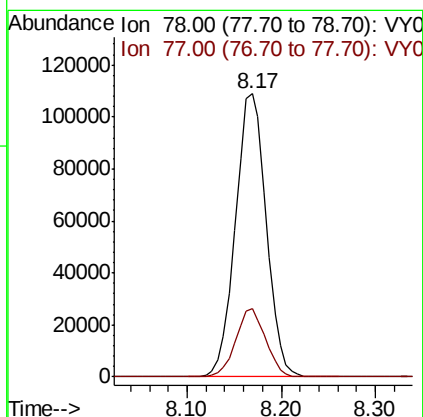
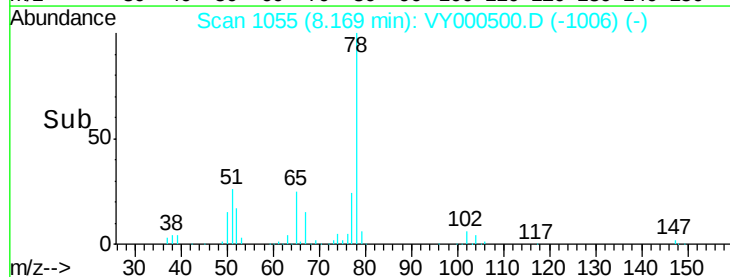
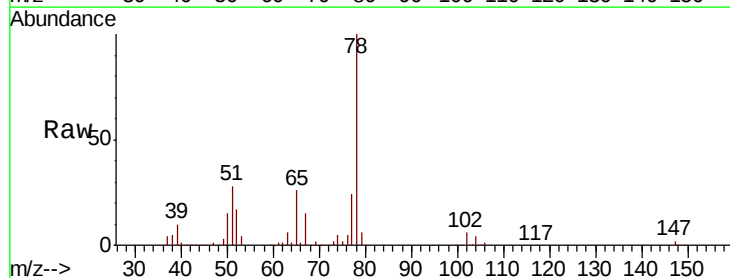
Ion	Ratio	Lower	Upper
83	100		
55	68.8	57.5	86.3
98	44.5	38.0	57.0

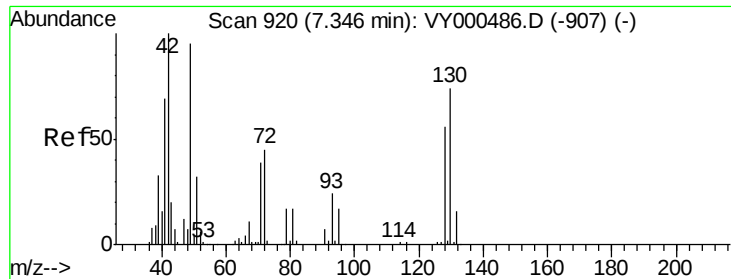


#40
Benzene
Concen: 20.562 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY000500.D
Acq: 31 Oct 2019 13:06

Tgt Ion: 78 Resp: 247454

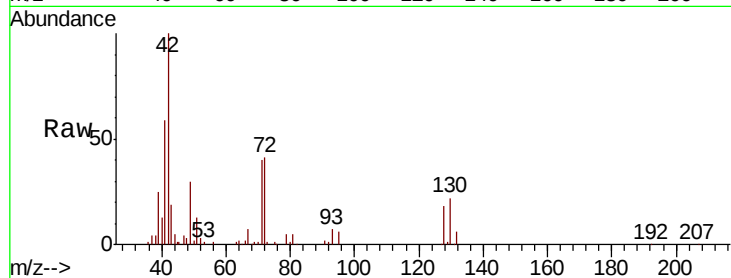
Ion	Ratio	Lower	Upper
78	100		
77	24.3	18.6	28.0



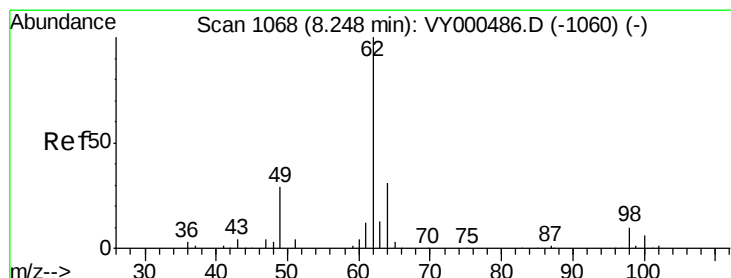
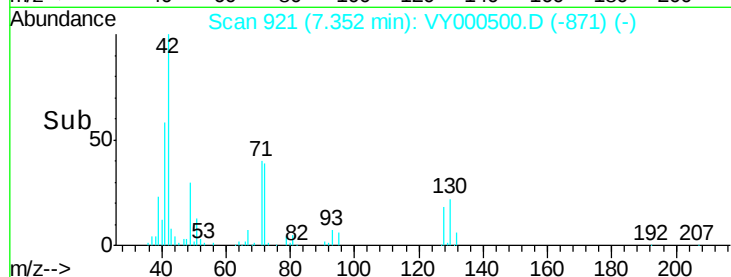
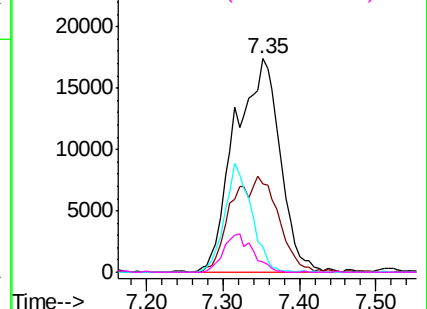


#41
Methacrylonitrile
Concen: 52.599 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.01 min
Lab File: VY000500.D
Acq: 31 Oct 2019 13:06

Tot Ion: 41 Resp: 71510
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

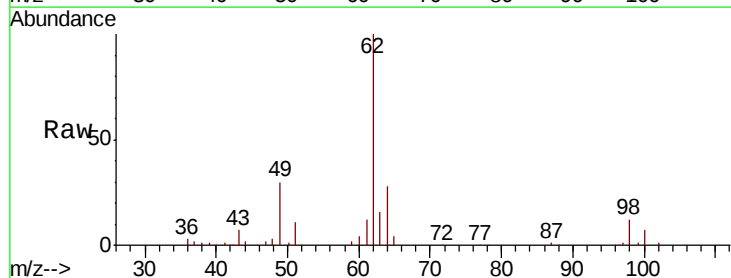


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

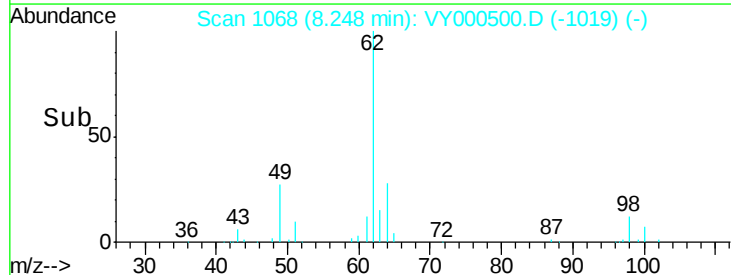
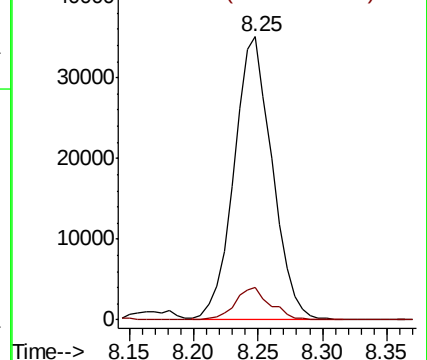


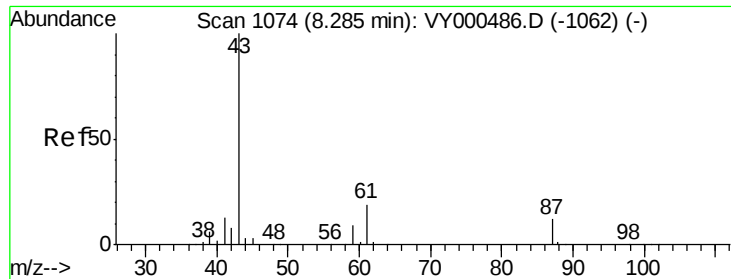
#42
1,2-Dichloroethane
Concen: 21.187 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. -0.00 min
Lab File: VY000500.D
Acq: 31 Oct 2019 13:06

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

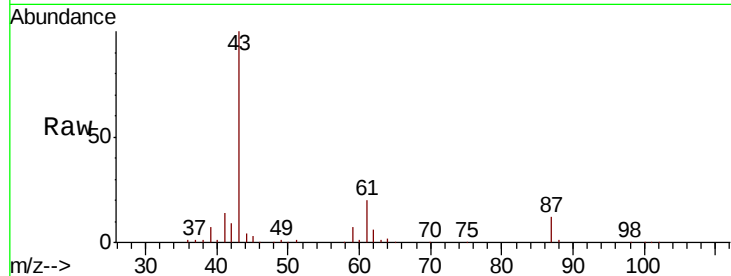
Tot Ion: 43 Resp: 99598

Ion Ratio Lower Upper

43 100

61 28.3 23.0 34.4

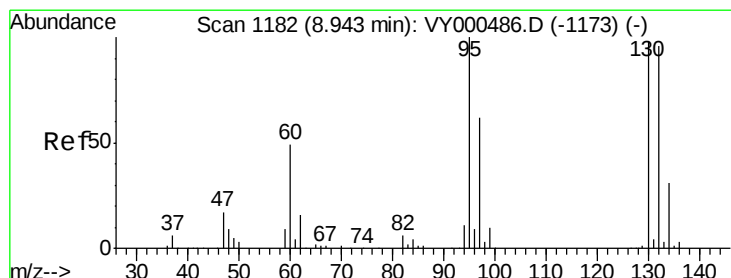
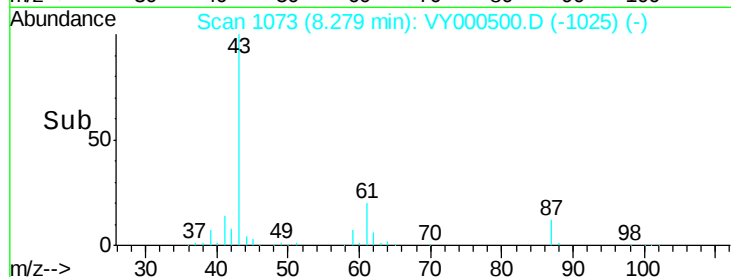
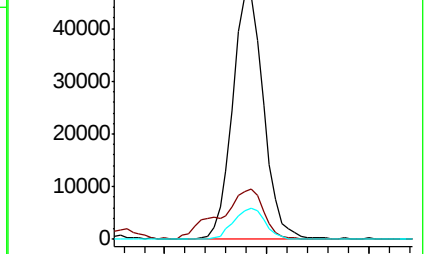
87 12.8 10.5 15.7



Abundance Ion 43.00 (42.70 to 43.70): VY000500.D (-1073) (-)

Ion 61.00 (60.70 to 61.70): VY000500.D (-1073) (-)

Ion 87.00 (86.70 to 87.70): VY000500.D (-1073) (-)



#44

Trichloroethene

Concen: 21.183 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VY000500.D

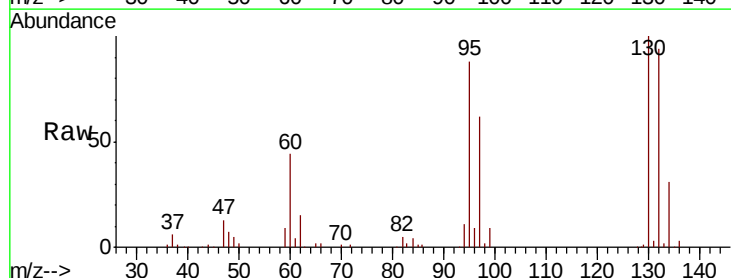
Acq: 31 Oct 2019 13:06

Tgt Ion: 130 Resp: 67214

Ion Ratio Lower Upper

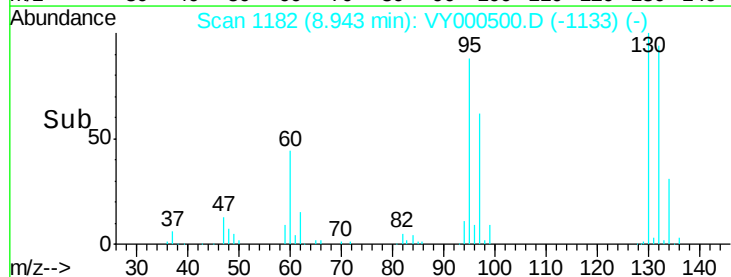
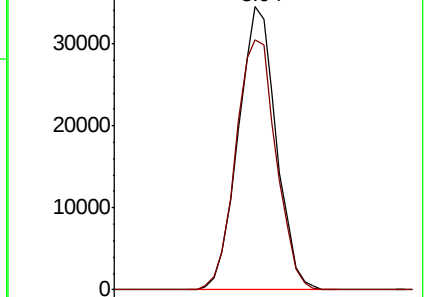
130 100

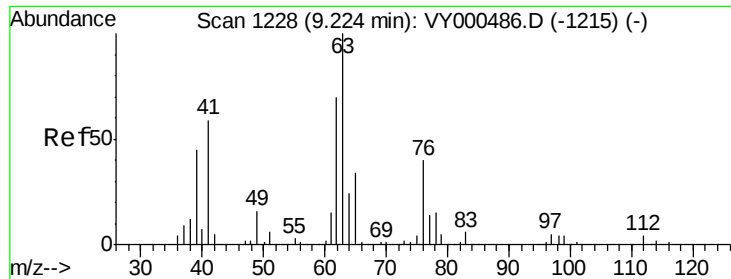
95 88.2 0.0 203.2



Abundance Ion 129.80 (129.50 to 130.50): VY000500.D (-1182) (-)

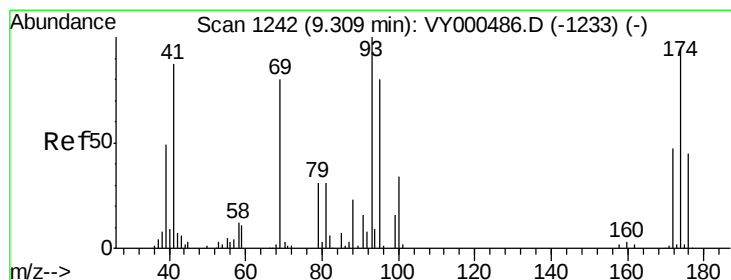
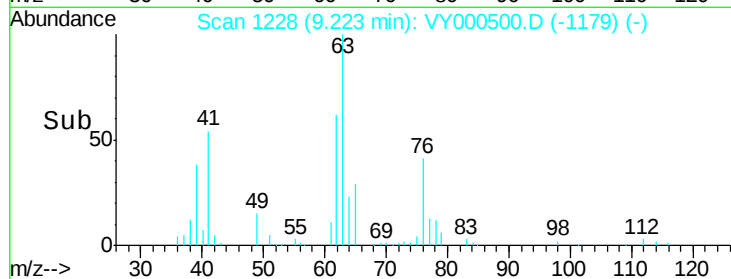
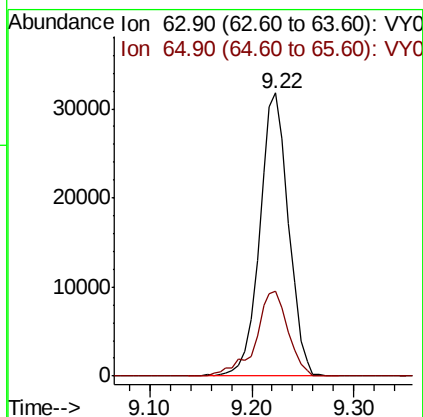
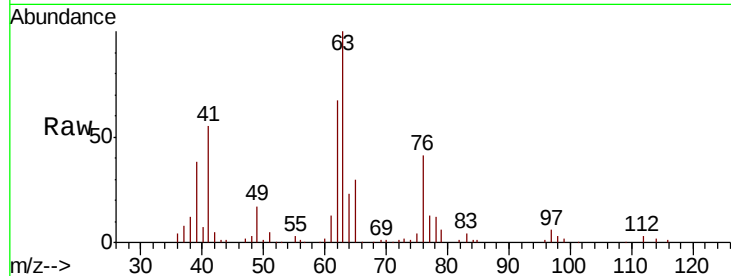
Ion 94.90 (94.60 to 95.60): VY000500.D (-1182) (-)





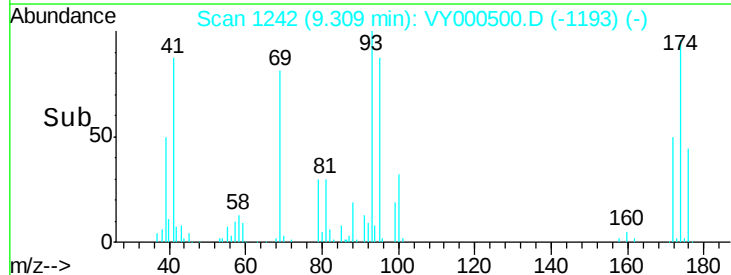
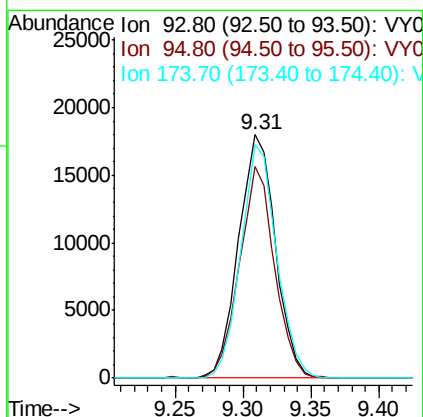
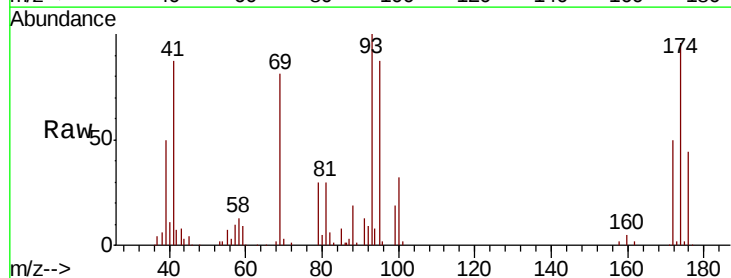
#45
 1,2-Dichloropropane
 Concen: 21.053 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VY000500.D
 Acq: 31 Oct 2019 13:06

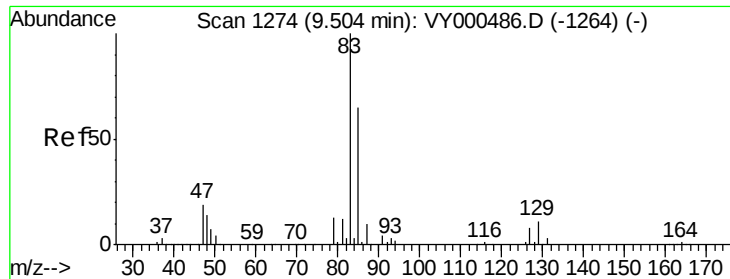
Tot Ion: 63 Resp: 62358
 Ion Ratio Lower Upper
 63 100
 65 30.0 27.0 40.4



#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

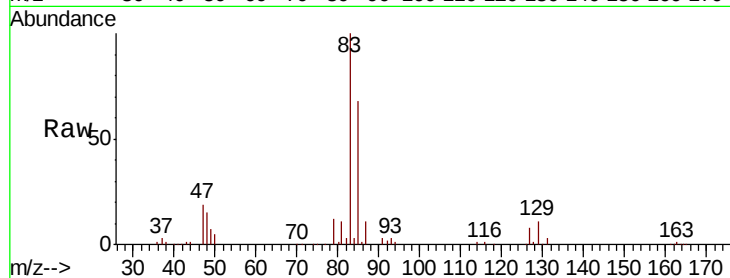
Tot Ion: 83 Resp: 78347

Ion Ratio Lower Upper

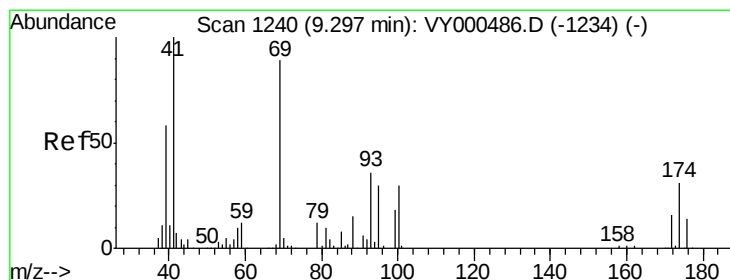
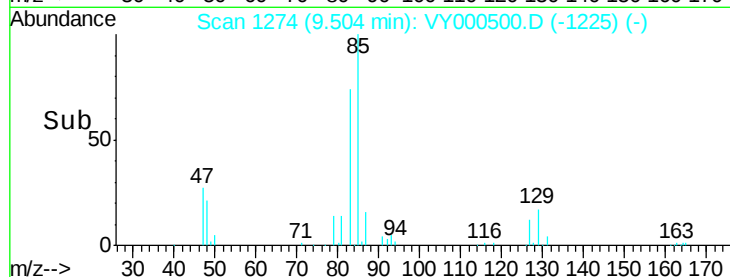
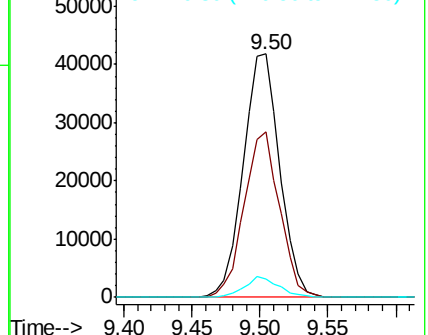
83 100

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): VY0



#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

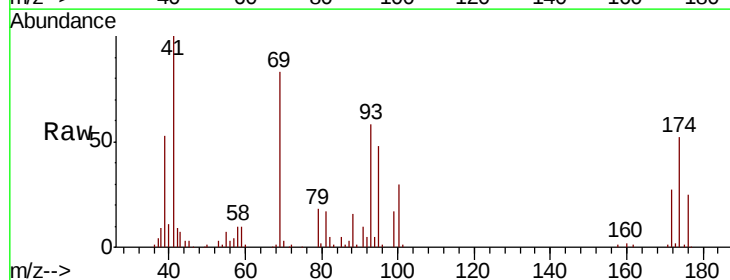
Tgt Ion: 41 Resp: 42845

Ion Ratio Lower Upper

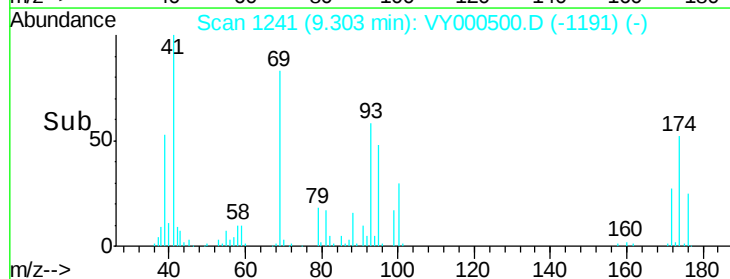
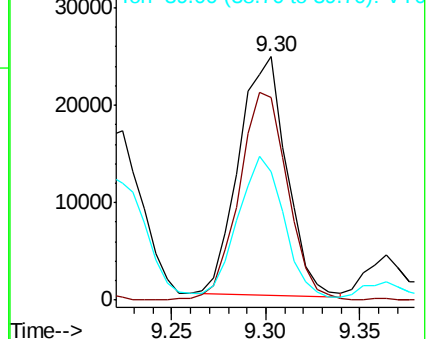
41 100

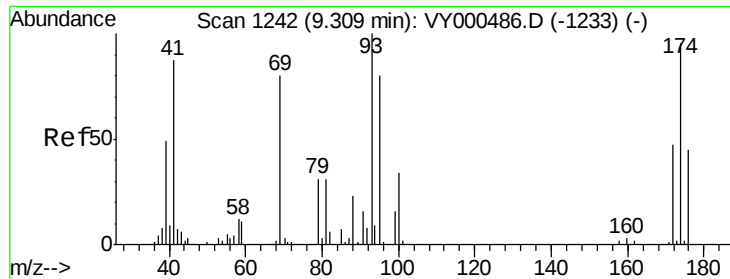
69 88.9 72.5 108.7

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

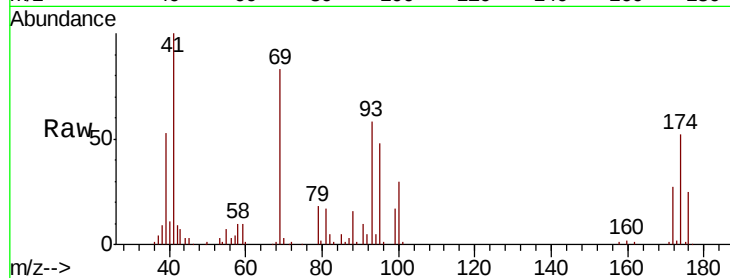
Delta R.T. -0.01 min

Lab File: VY000500.D

Acq: 31 Oct 2019 13:06

Tot Ion: 88 Resp: 9567

Ion	Ratio	Lower	Upper
88	100		
43	32.2	25.1	37.7
58	63.7	50.6	75.8

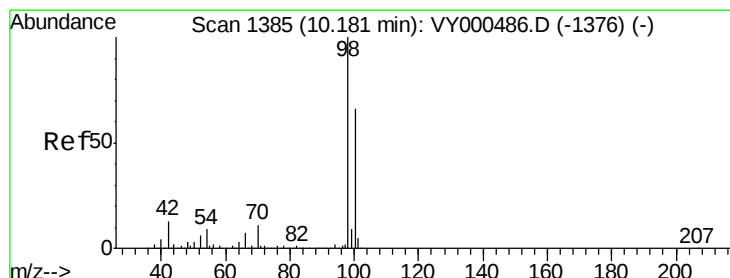
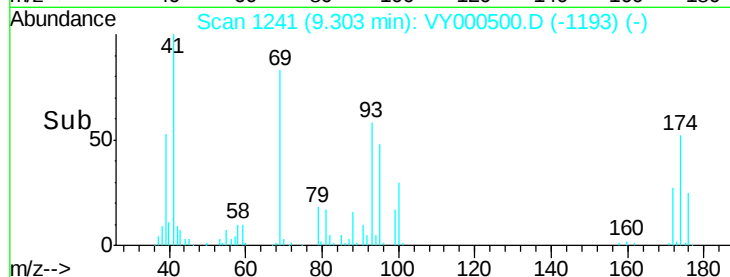
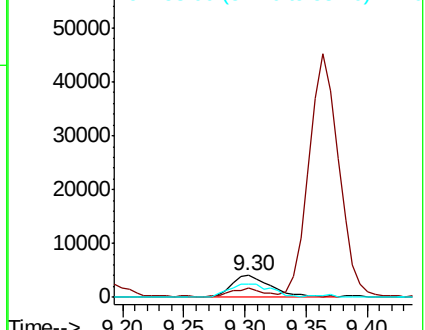


Abundance

Ion 88.00 (87.70 to 88.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#50

Toluene-d8

Concen: 51.604 ug/l

RT: 10.18 min Scan# 1385

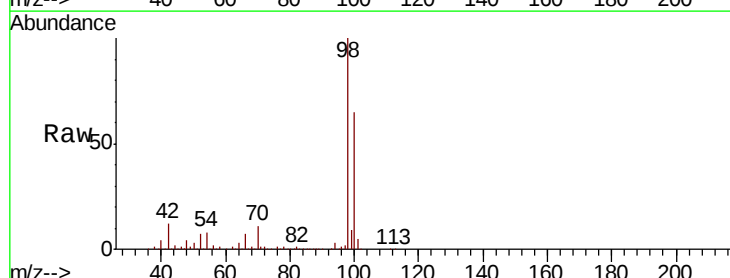
Delta R.T. -0.00 min

Lab File: VY000500.D

Acq: 31 Oct 2019 13:06

Tgt Ion: 98 Resp: 499145

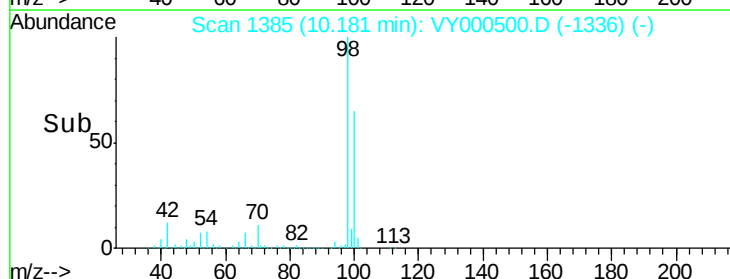
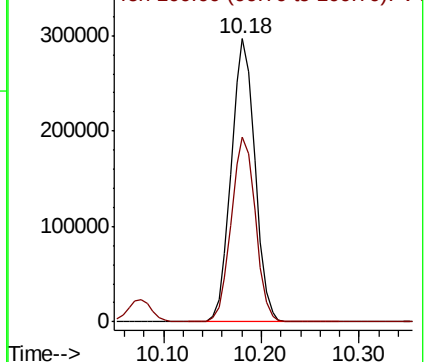
Ion	Ratio	Lower	Upper
98	100		
100	66.4	52.9	79.3

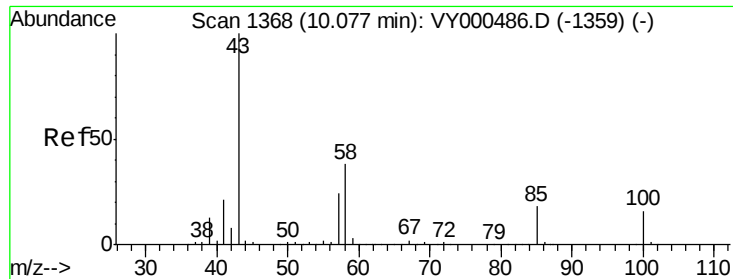


Abundance

Ion 98.00 (97.70 to 98.70): VY0

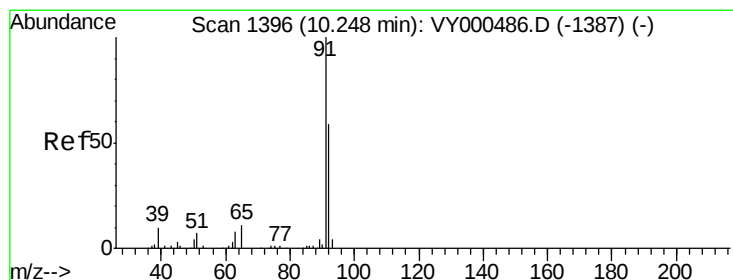
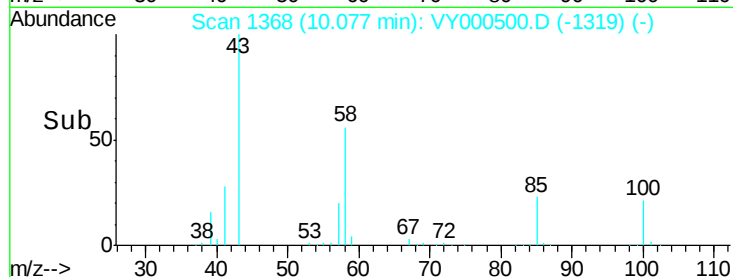
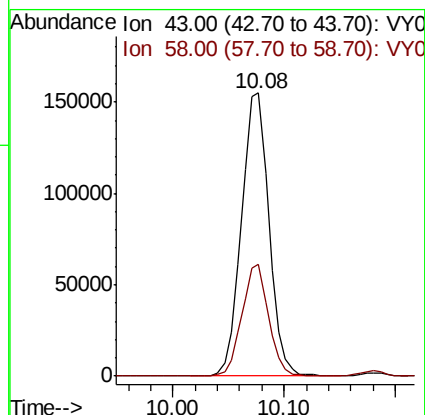
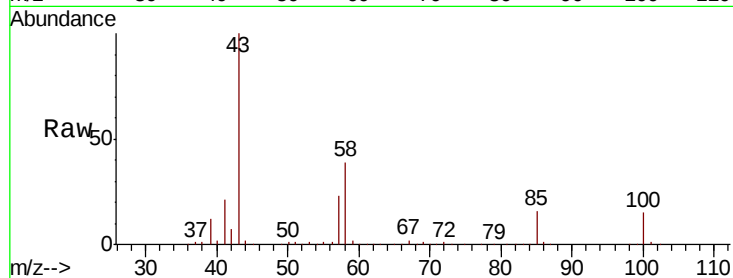
Ion 100.00 (99.70 to 100.70): VY0





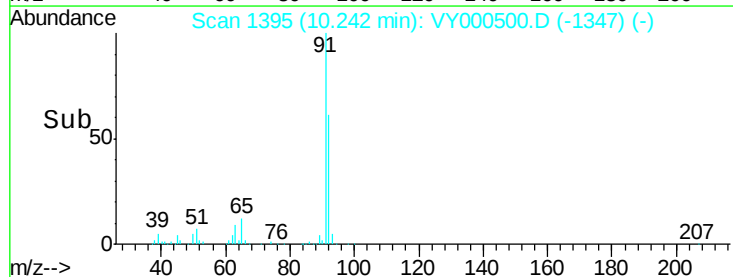
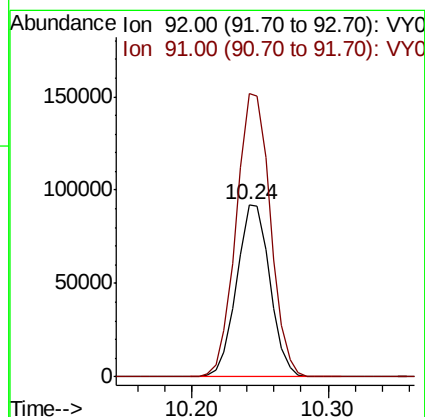
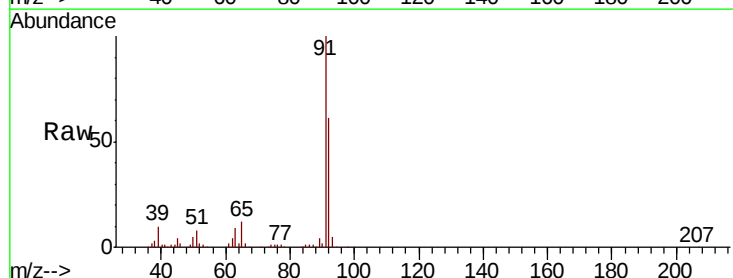
#51
4-Methyl-2-Pentanone
Concen: 109.165 ug/l
RT: 10.08 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VY000500.D
Acq: 31 Oct 2019 13:06

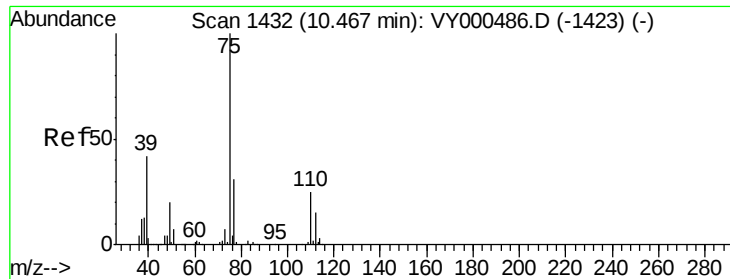
Tot Ion: 43 Resp: 265710
Ion Ratio Lower Upper
43 100
58 38.2 30.2 45.4



#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

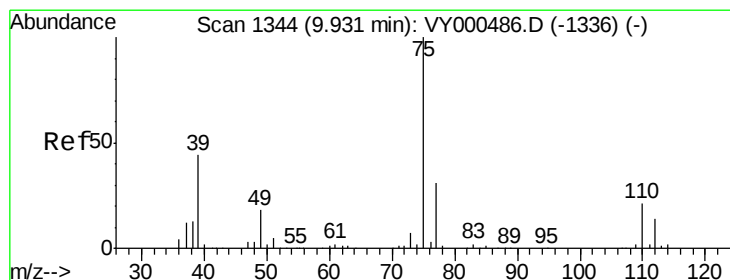
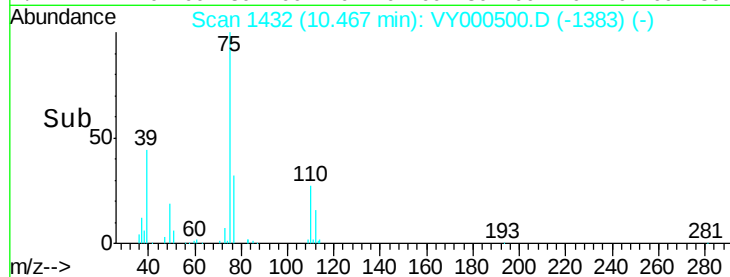
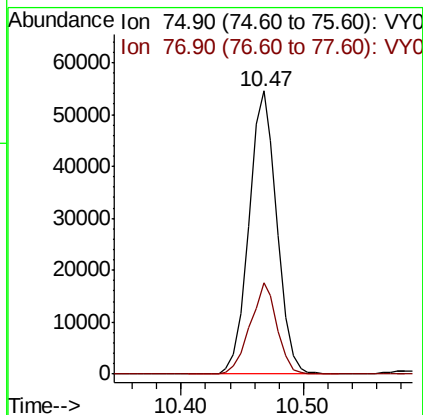
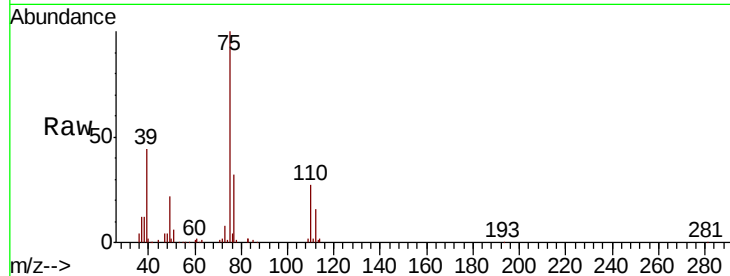
Tgt Ion: 92 Resp: 157742
Ion Ratio Lower Upper
92 100
91 168.7 136.3 204.5





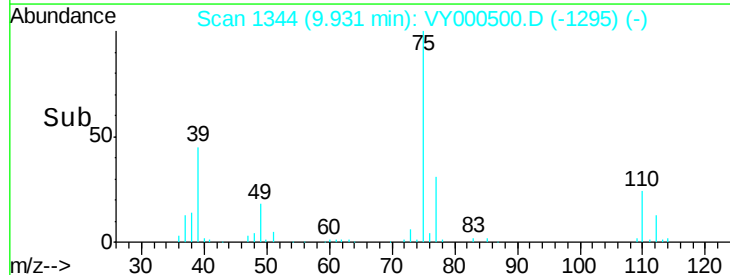
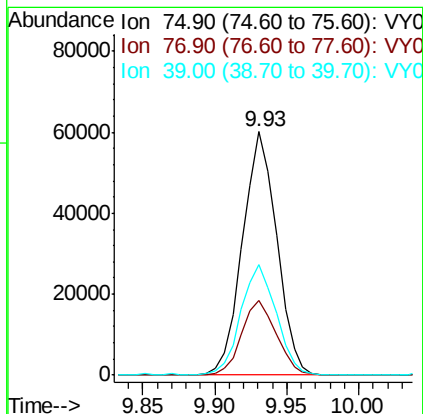
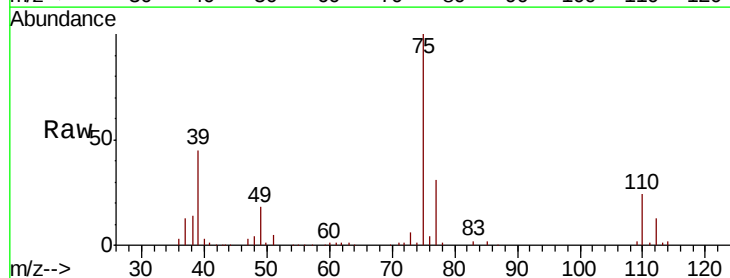
#53
 t-1,3-Dichloropropene
 Concen: 20.910 ug/l
 RT: 10.47 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: VY000500.D
 Acq: 31 Oct 2019 13:06

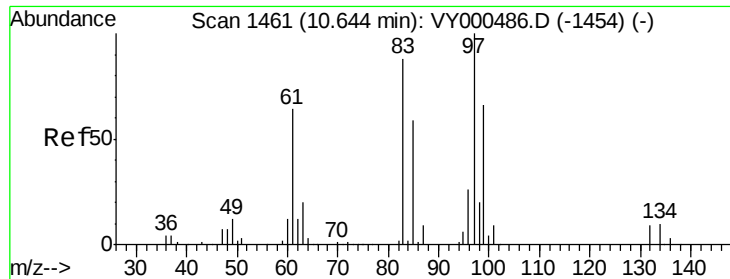
Tot Ion: 75 Resp: 86357
 Ion Ratio Lower Upper
 75 100
 77 32.2 24.6 37.0



#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

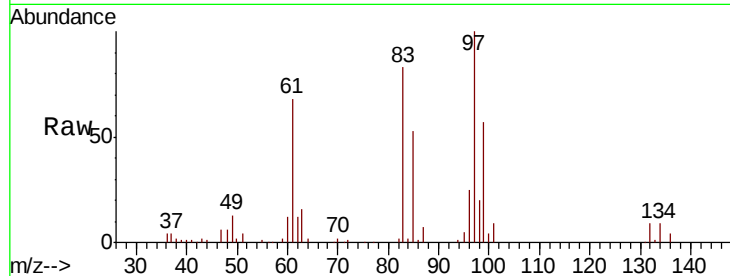
Tgt Ion: 75 Resp: 98944
 Ion Ratio Lower Upper
 75 100
 77 30.7 24.5 36.7
 39 45.3 35.4 53.2



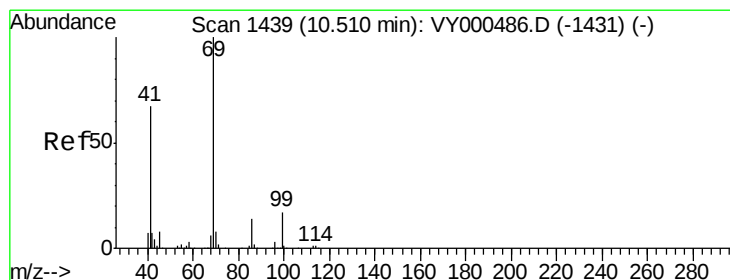
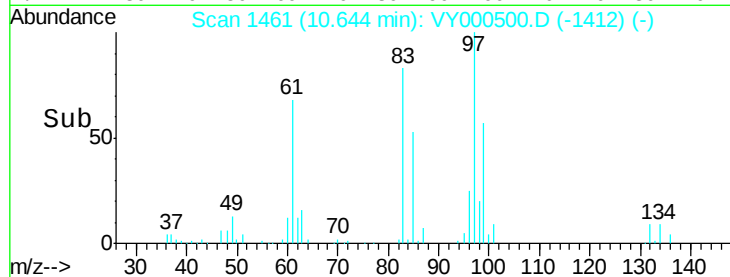
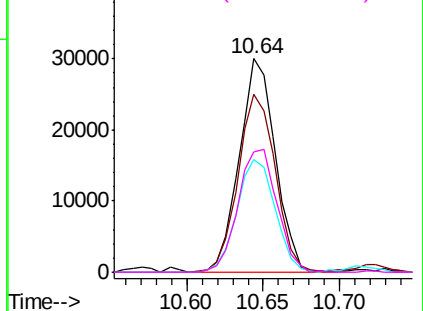


#55
 1,1,2-Trichloroethane
 Concen: 20.740 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY000500.D
 Acq: 31 Oct 2019 13:06

Tot 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

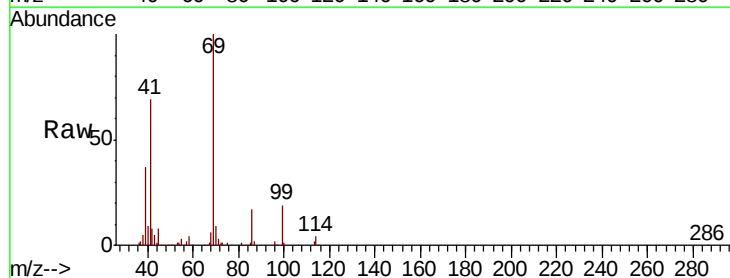


Abundance Ion 96.90 (96.60 to 97.60): VY0
 Ion 82.90 (82.60 to 83.60): VY0
 Ion 84.90 (84.60 to 85.60): VY0
 Ion 98.90 (98.60 to 99.60): VY0

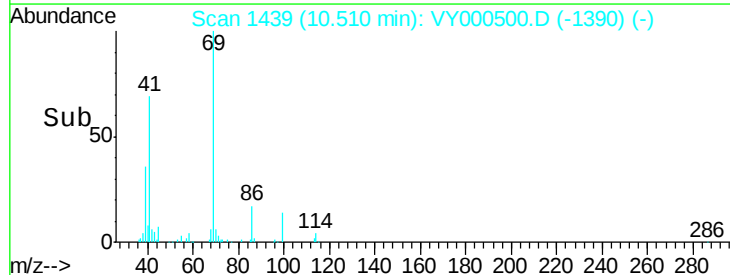
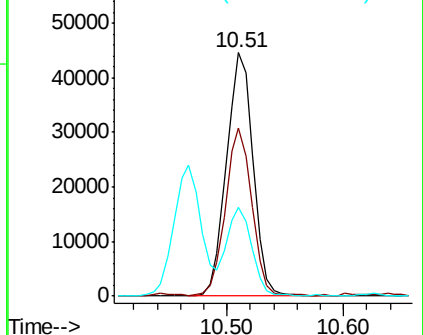


#56
 Ethyl methacrylate
 Concen: 21.161 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY000500.D
 Acq: 31 Oct 2019 13:06

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



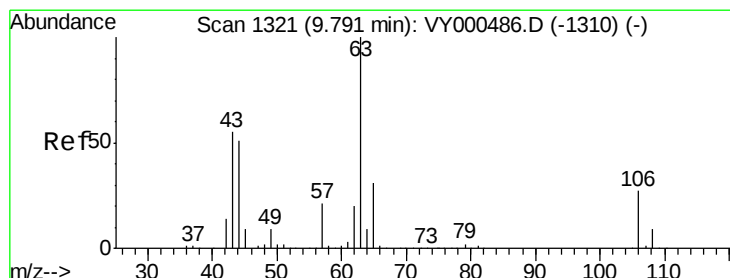
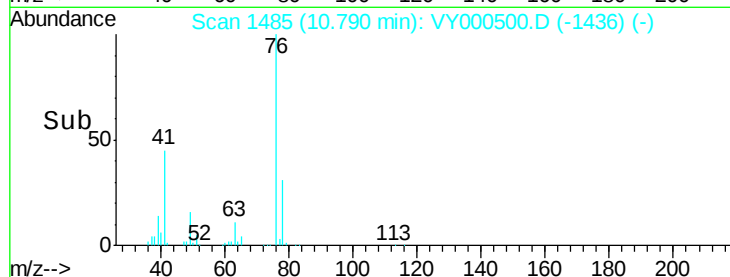
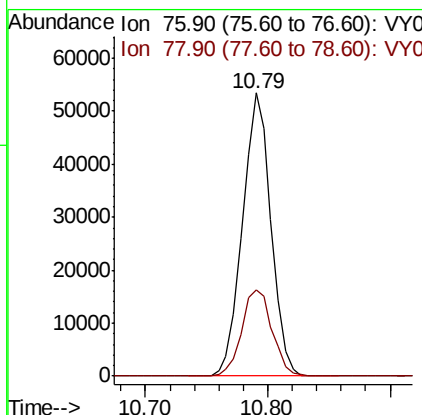
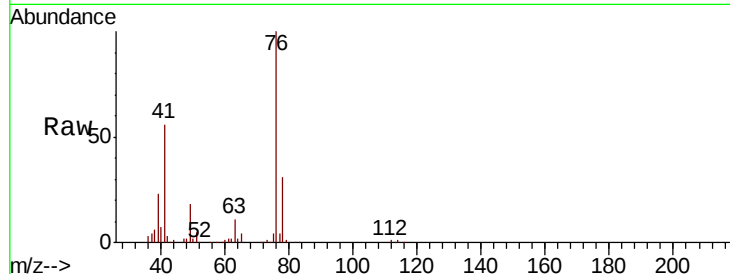
Abundance Ion 69.00 (68.70 to 69.70): VY0
 Ion 41.00 (40.70 to 41.70): VY0
 Ion 39.00 (38.70 to 39.70): VY0





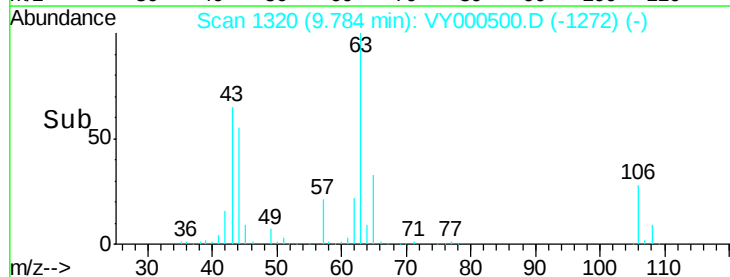
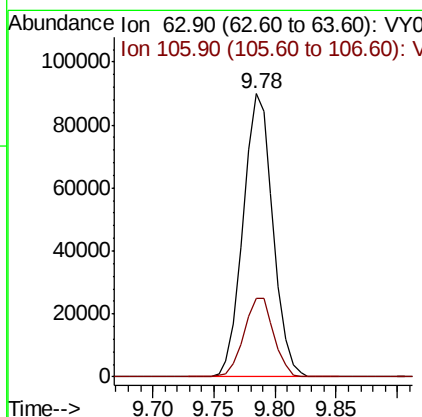
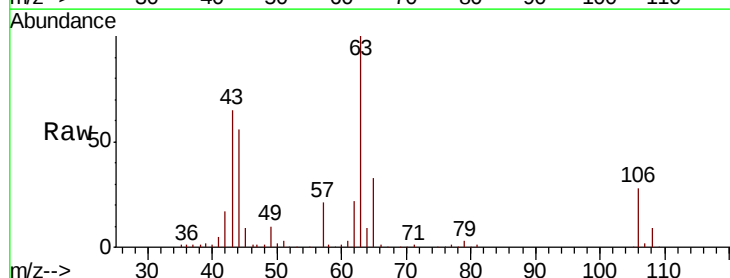
#57
 1,3-Dichloropropane
 Concen: 20.886 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VY000500.D
 Acq: 31 Oct 2019 13:06

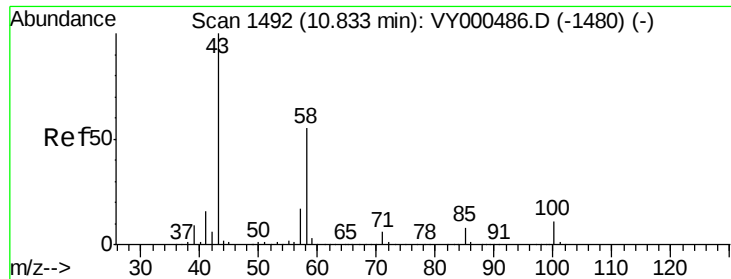
Tot Ion: 76 Resp: 86124
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.2 37.8



#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

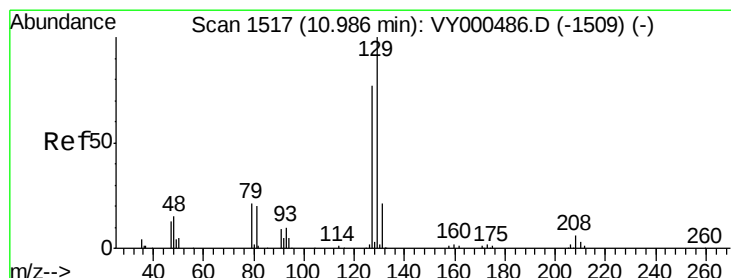
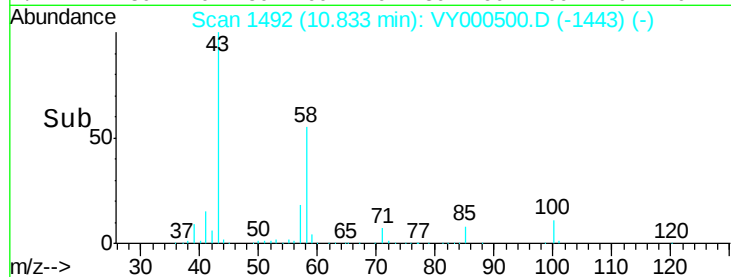
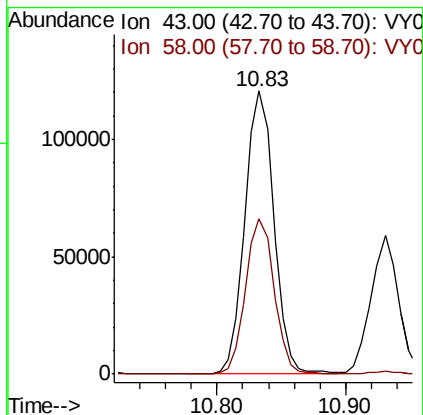
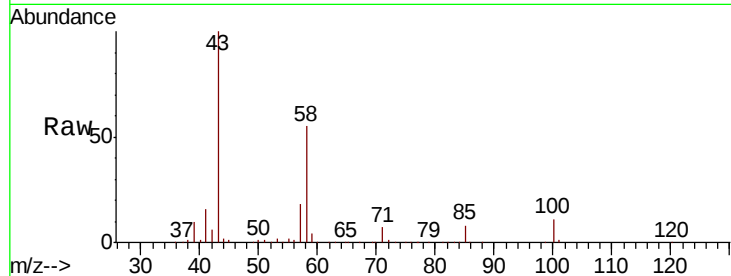
Tgt Ion: 63 Resp: 151990
 Ion Ratio Lower Upper
 63 100
 106 27.9 22.6 33.8





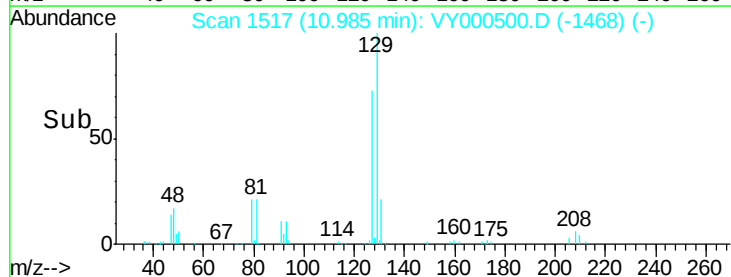
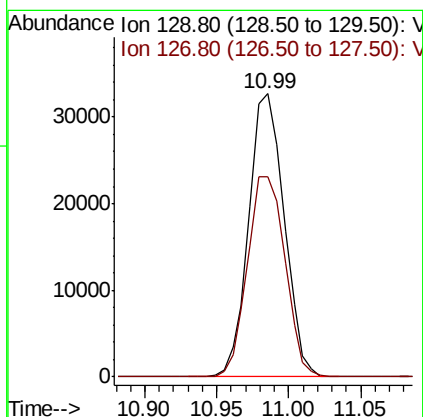
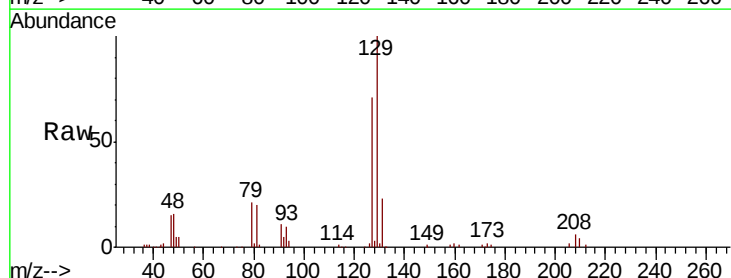
#59
2-Hexanone
Concen: 106.060 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY000500.D
Acq: 31 Oct 2019 13:06

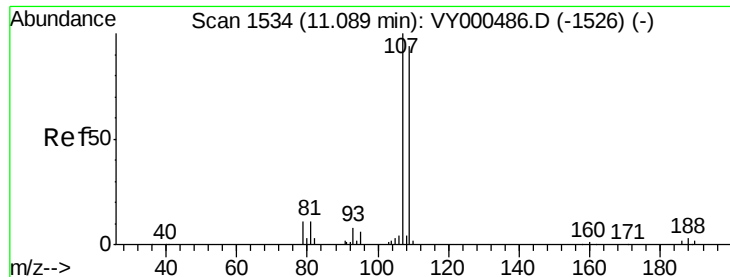
Tot Ion: 43 Resp: 188089
Ion Ratio Lower Upper
43 100
58 53.9 27.1 81.3



#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

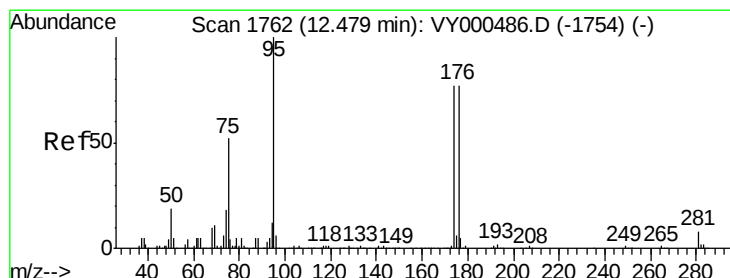
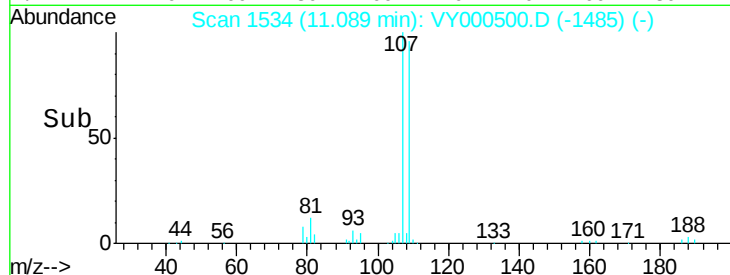
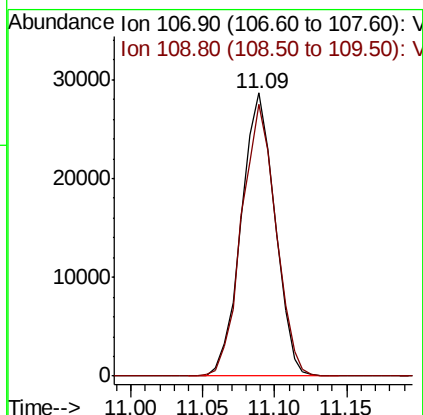
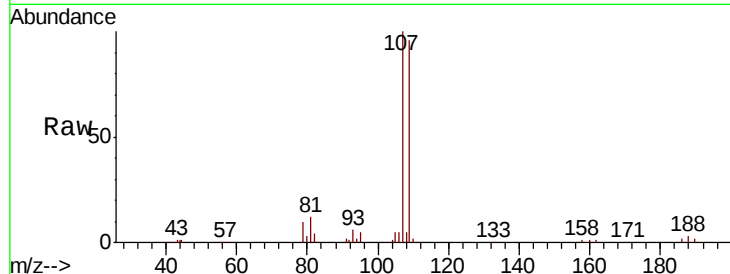
Tgt Ion:129 Resp: 55546
Ion Ratio Lower Upper
129 100
127 75.3 39.1 117.2





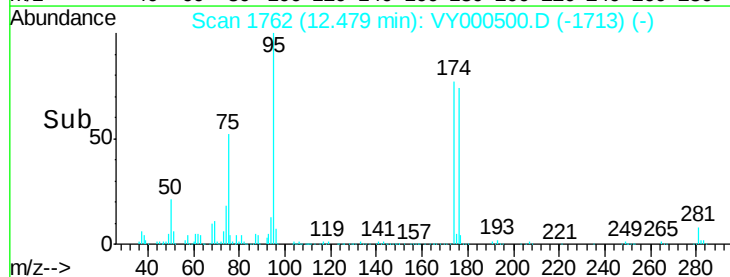
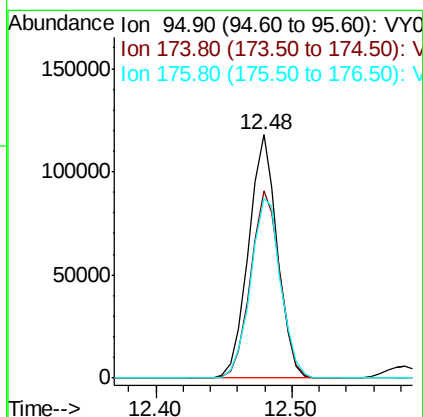
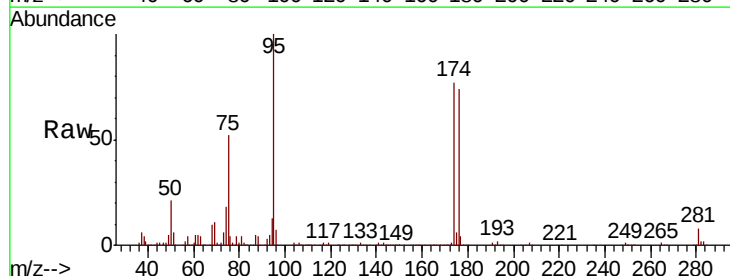
#61
1,2-Dibromoethane
Concen: 20.502 ug/l
RT: 11.09 min Scan# 1534
Delta R.T. -0.00 min
Lab File: VY000500.D
Acq: 31 Oct 2019 13:06

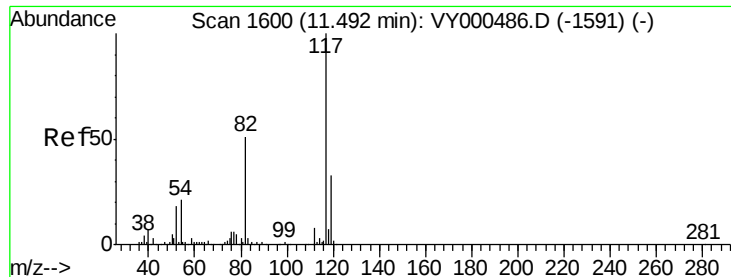
Tot Ion: 107 Resp: 46445
Ion Ratio Lower Upper
107 100
109 97.5 73.6 110.4



#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





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

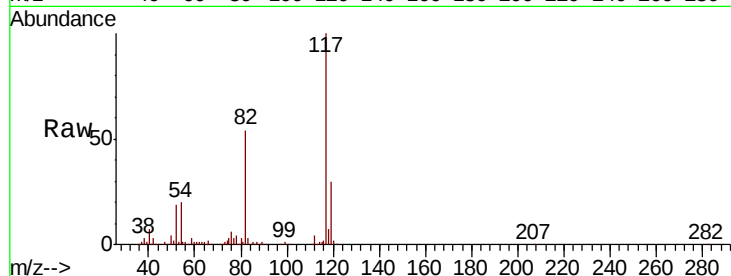
Delta R.T. -0.00 min

Lab File: VY000500.D

Acq: 31 Oct 2019 13:06

Tot Ion:117 Resp: 387546

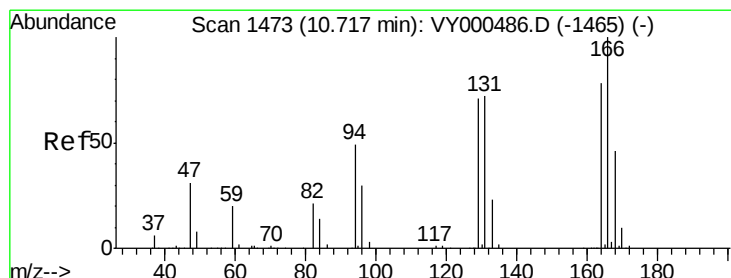
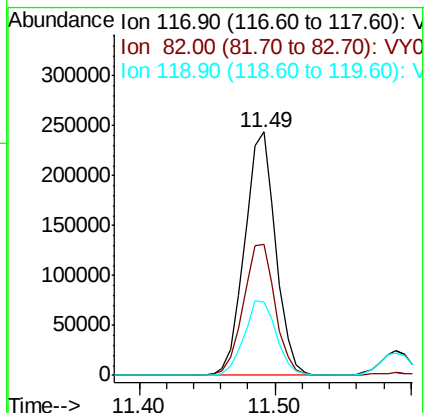
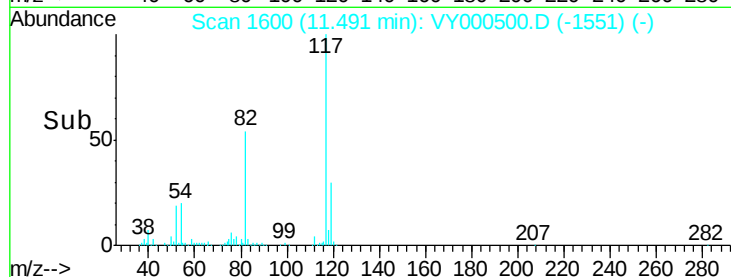
Ion	Ratio	Lower	Upper
117	100		
82	53.6	40.8	61.2
119	30.4	26.2	39.2



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

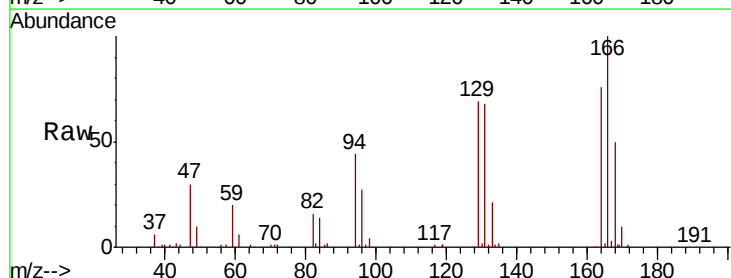
Delta R.T. -0.00 min

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

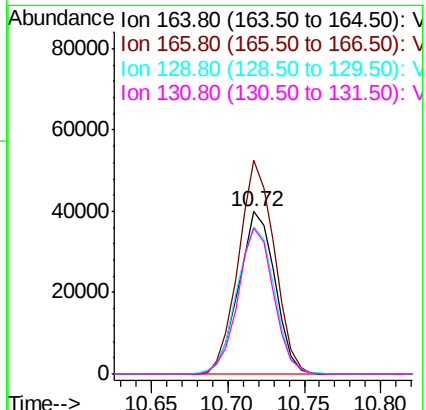
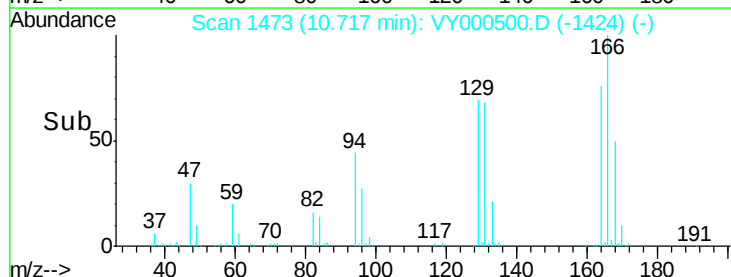


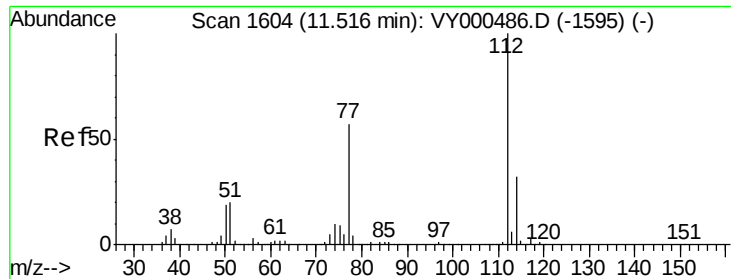
Abundance Ion 163.80 (163.50 to 164.50): V

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

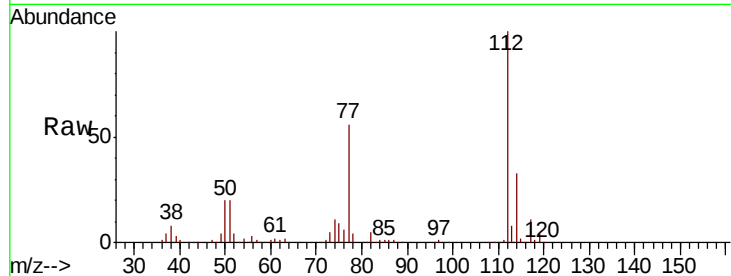
Acq: 31 Oct 2019 13:06

Tot Ion:112 Resp: 164049

Ion Ratio Lower Upper

112 100

114 32.9 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

120000

100000

80000

60000

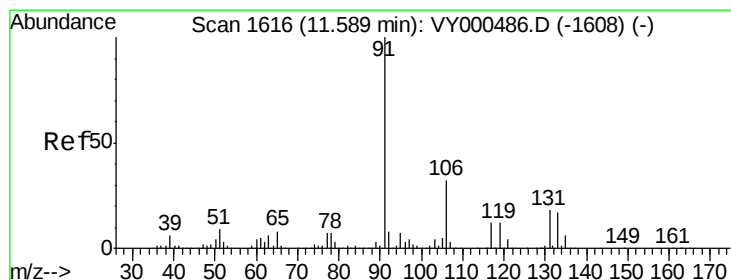
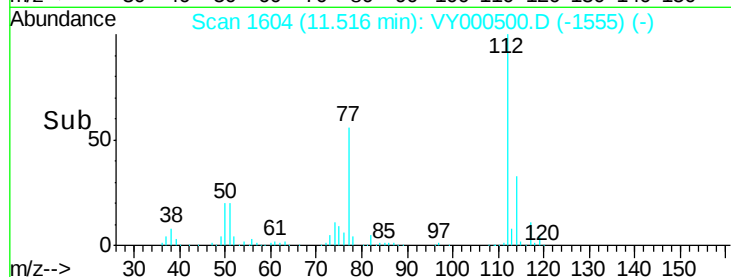
40000

20000

0

Time--> 11.40 11.50 11.60

11.52



#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

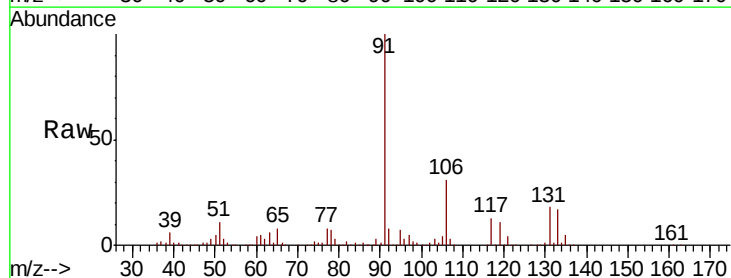
Tgt Ion:131 Resp: 58014

Ion Ratio Lower Upper

131 100

133 93.4 47.9 143.8

119 63.2 33.1 99.3



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

50000

40000

30000

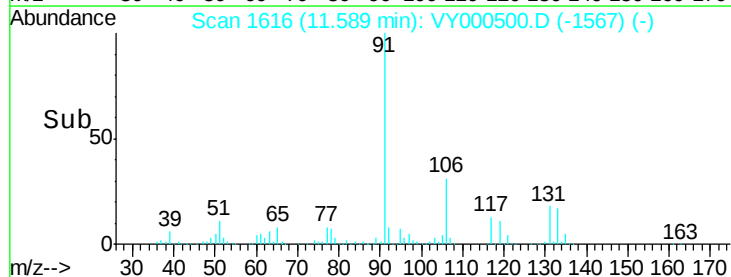
20000

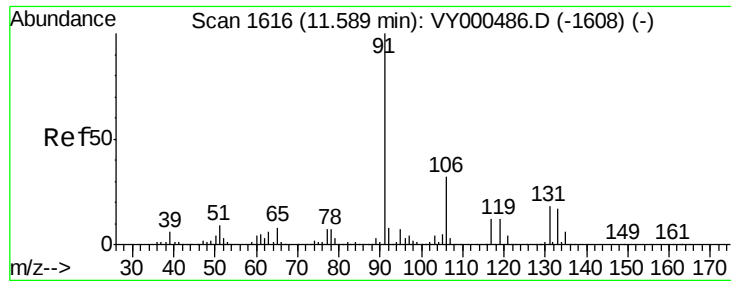
10000

0

Time--> 11.55 11.60 11.65

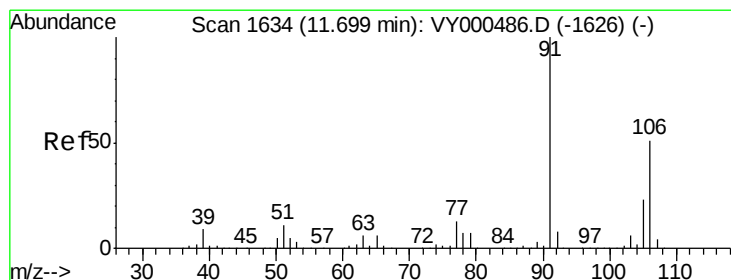
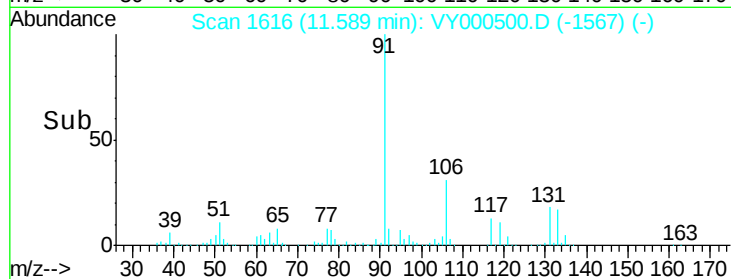
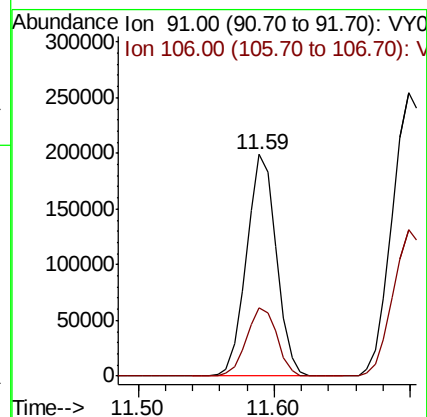
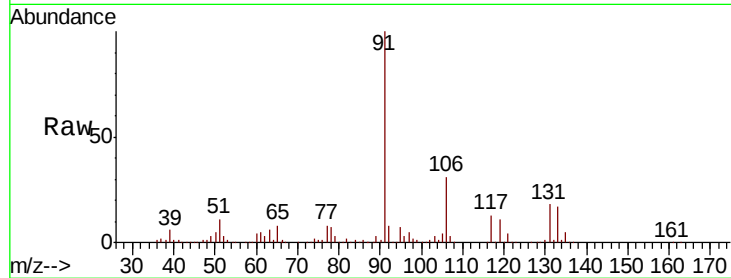
11.59





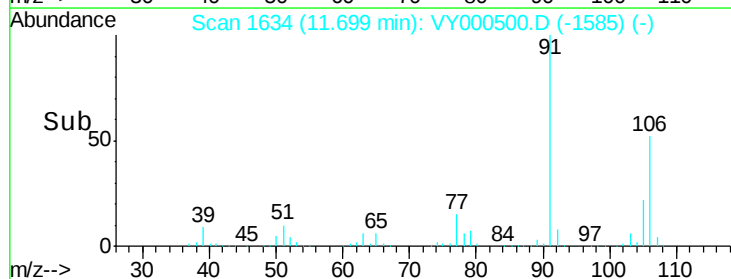
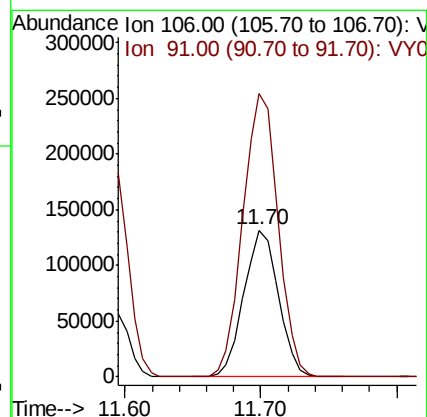
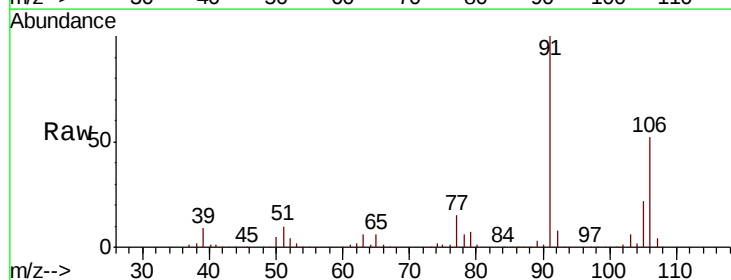
#67
Ethyl Benzene
Concen: 21.124 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000500.D
Acq: 31 Oct 2019 13:06

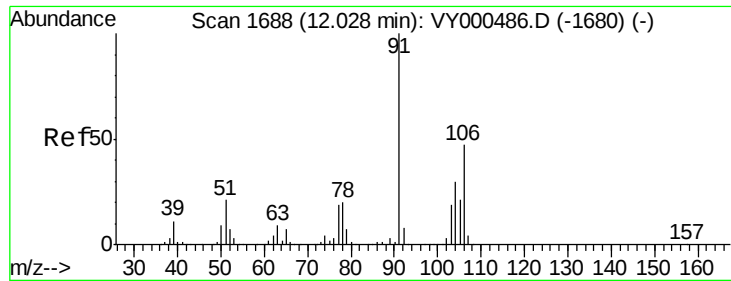
Tot Ion: 91 Resp: 305482
Ion Ratio Lower Upper
91 100
106 31.2 25.4 38.0



#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

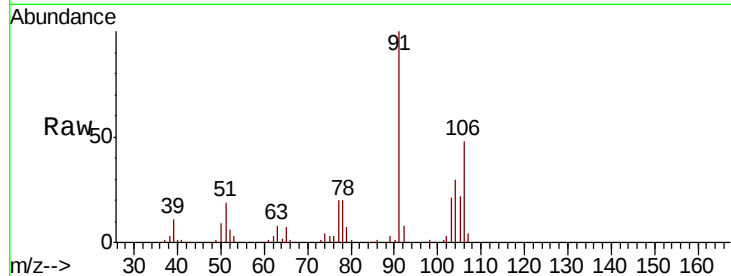
Tgt Ion: 106 Resp: 234639
Ion Ratio Lower Upper
106 100
91 196.3 155.9 233.9



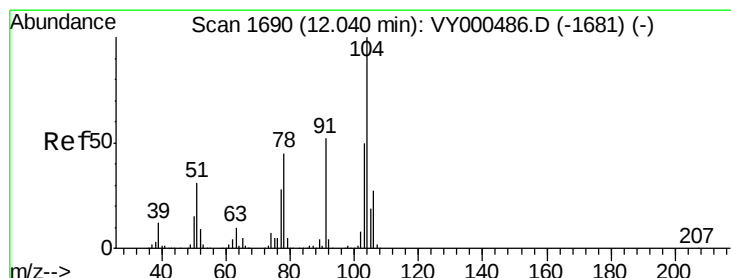
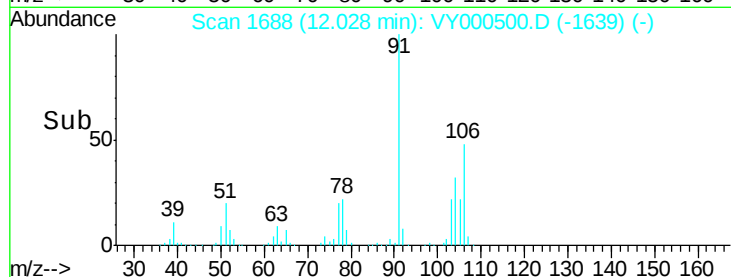
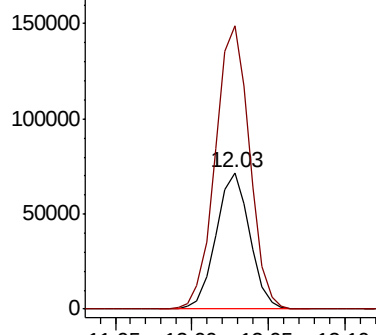


#69
o-Xylene
Concen: 20.824 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY000500.D
Acq: 31 Oct 2019 13:06

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

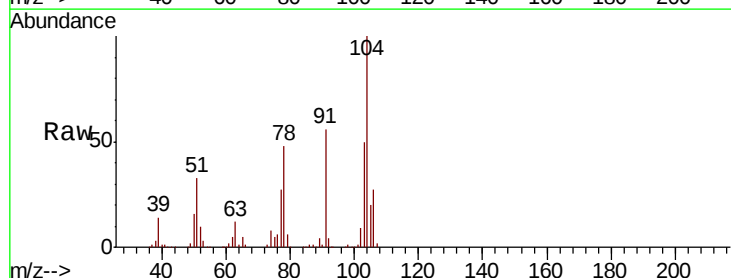


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

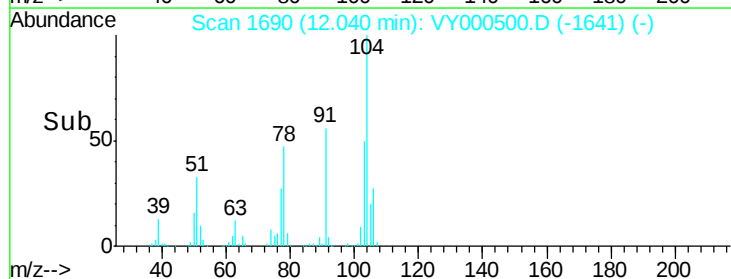
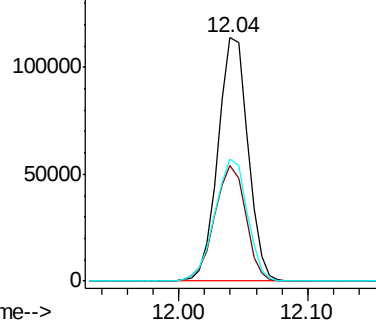


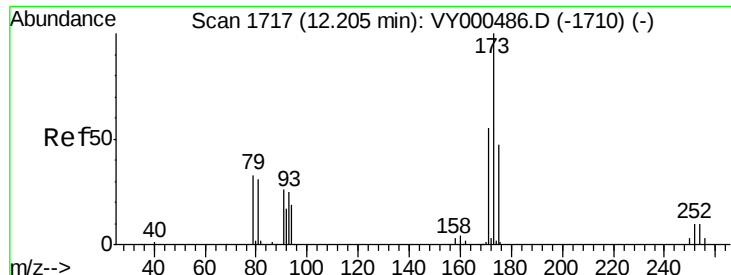
#70
Styrene
Concen: 20.287 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY000500.D
Acq: 31 Oct 2019 13:06

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

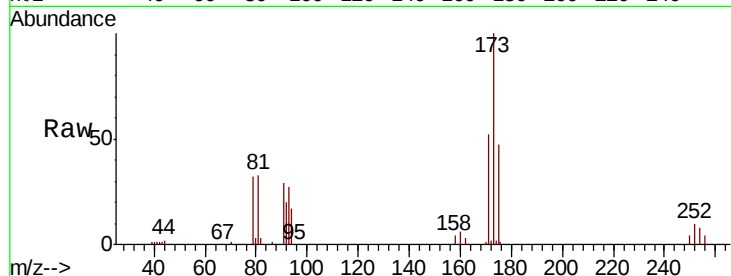
Tot Ion:173 Resp: 31631

Ion Ratio Lower Upper

173 100

175 50.9 24.4 73.2

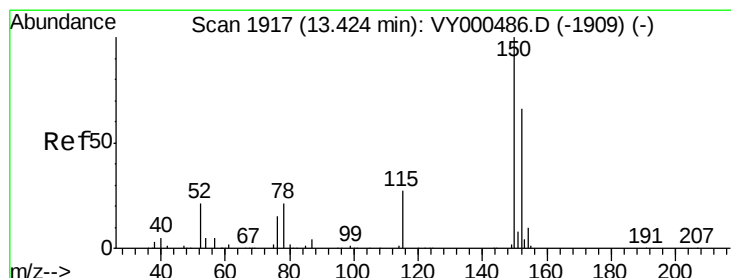
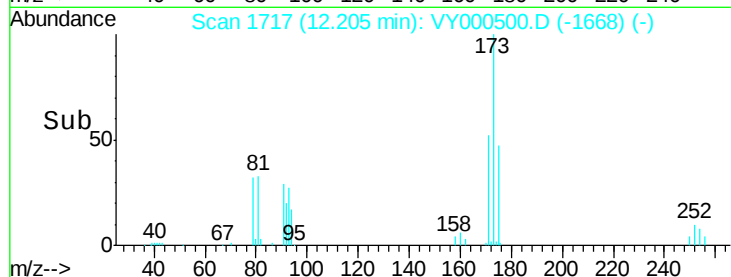
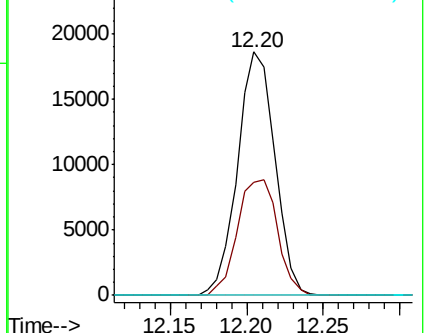
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY000500.D

Acq: 31 Oct 2019 13:06

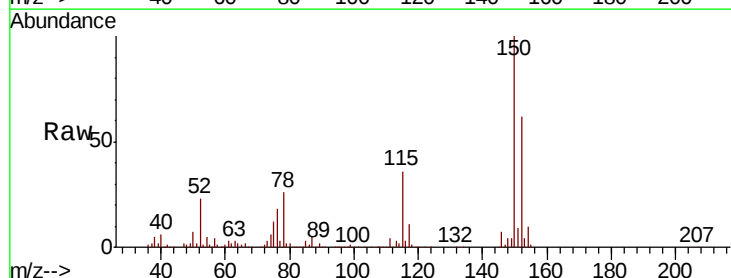
Tgt Ion:152 Resp: 189578

Ion Ratio Lower Upper

152 100

115 60.1 29.1 87.4

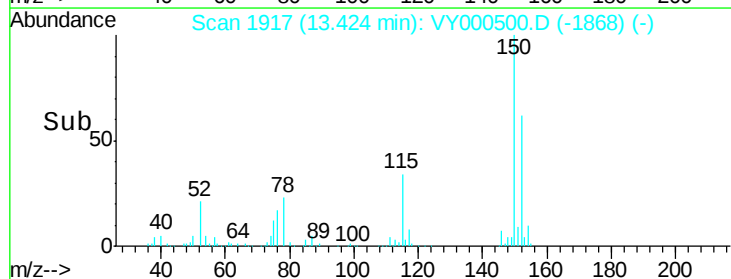
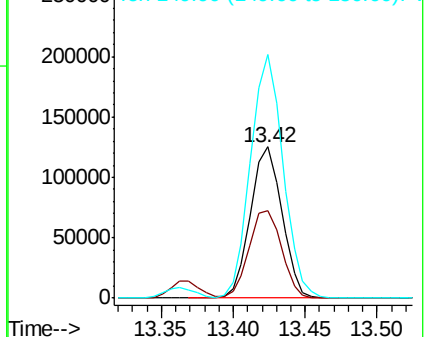
150 166.1 0.0 348.8

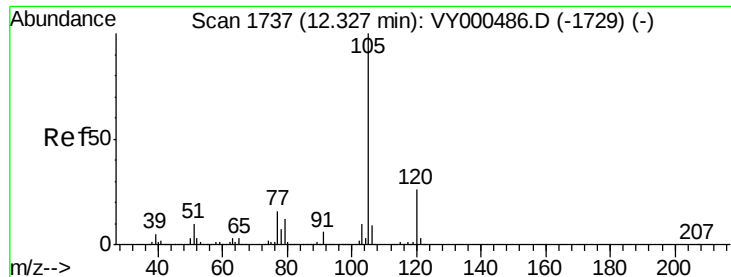


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.093 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY000500.D

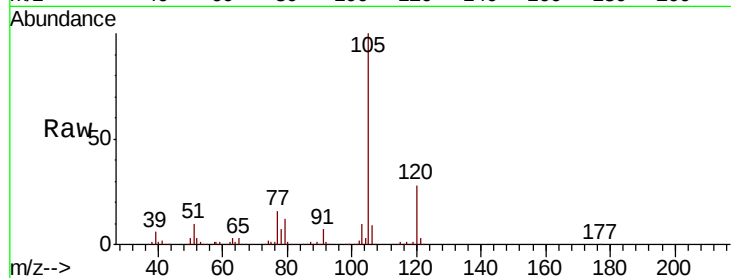
Acq: 31 Oct 2019 13:06

Tot Ion: 105 Resp: 295539

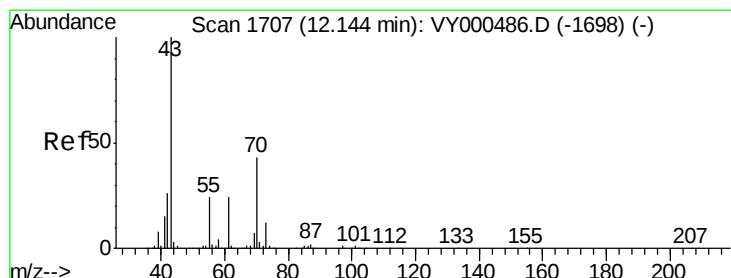
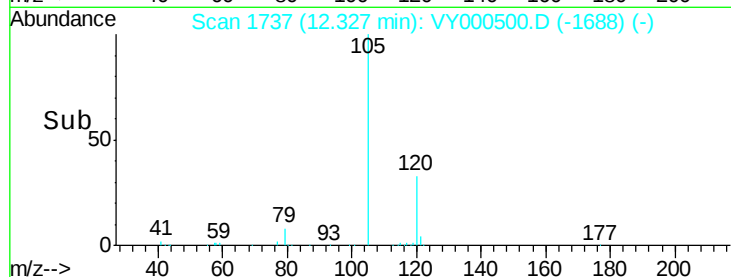
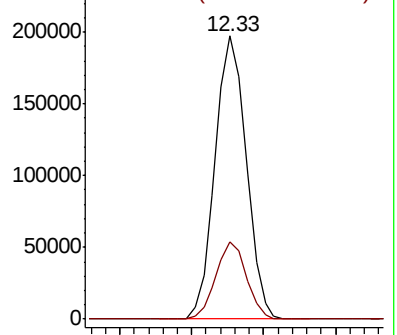
Ion Ratio Lower Upper

105 100

120 26.8 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): VY000486.D (-1729) (-)



#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

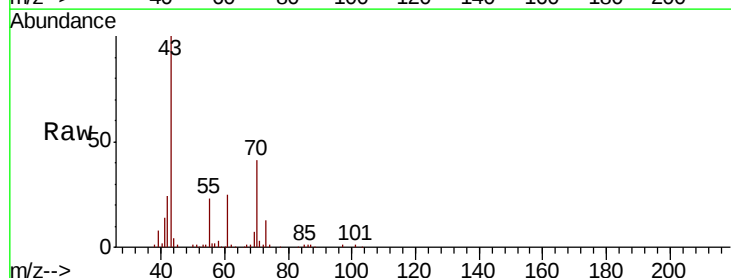
Ion Ratio Lower Upper

43 100

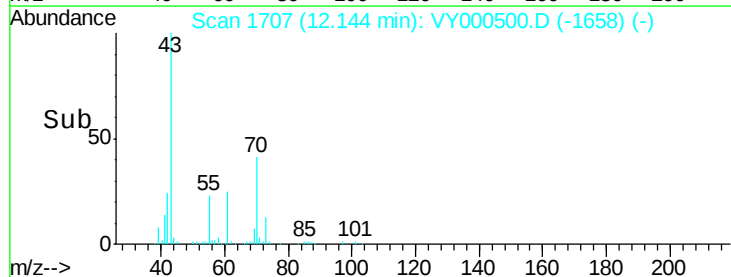
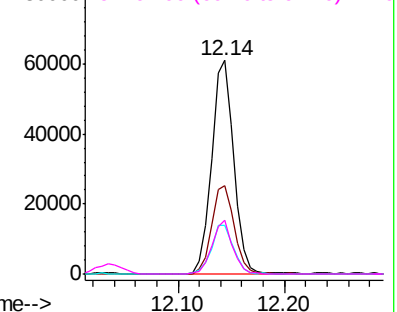
70 41.8 33.1 49.7

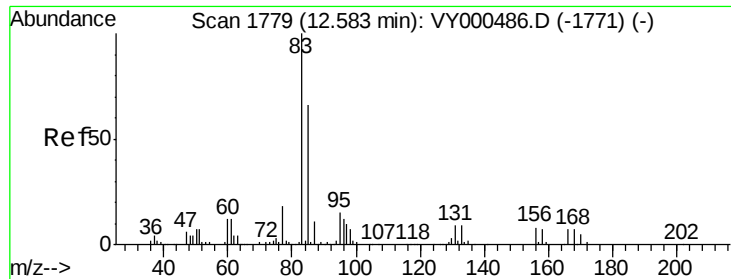
55 23.2 18.0 27.0

61 23.4 19.1 28.7



Abundance Ion 43.00 (42.70 to 43.70): VY000486.D (-1698) (-)





#75

1,1,2,2-Tetrachloroethane

Concen: 21.541 ug/l

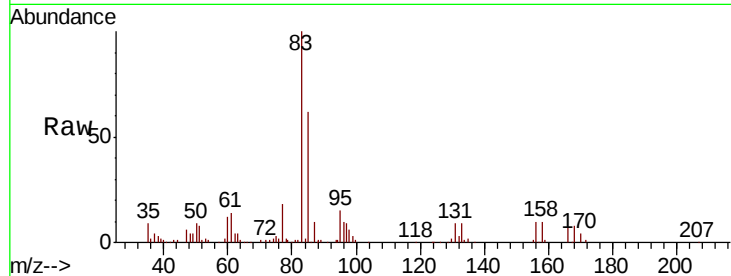
RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY000500.D

Acq: 31 Oct 2019 13:06

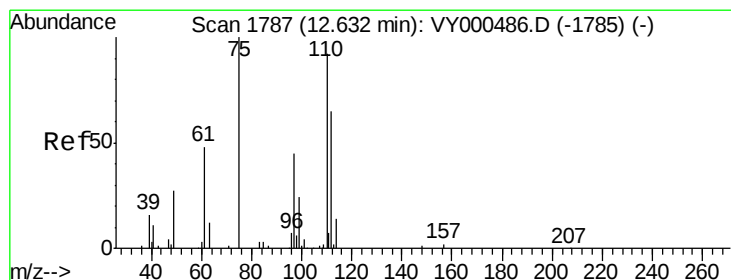
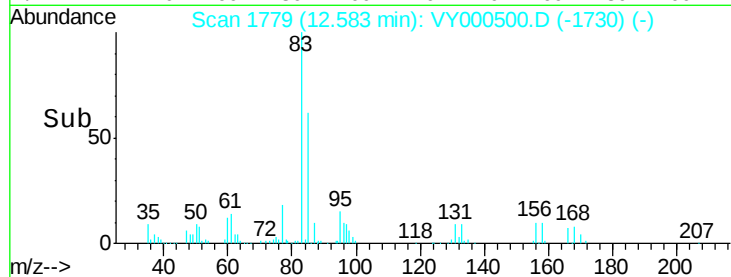
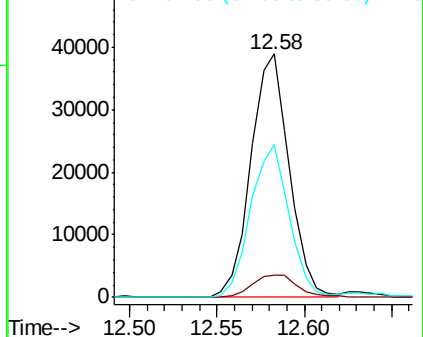
Tot Ion:	83	Resp:	59760
Ion	Ratio	Lower	Upper
83	100		
131	10.9	5.0	14.9
85	63.3	32.3	96.9



Abundance Ion 82.90 (82.60 to 83.60): VY000500.D (-1730) (-)

Ion 130.80 (130.50 to 131.50): VY000500.D (-1730) (-)

Ion 84.90 (84.60 to 85.60): VY000500.D (-1730) (-)



#76

1,2,3-Trichloropropane

Concen: 37.573 ug/l

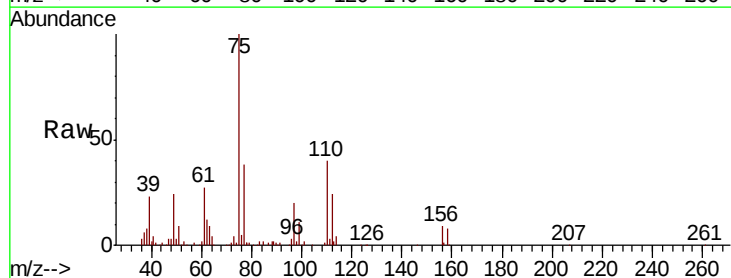
RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY000500.D

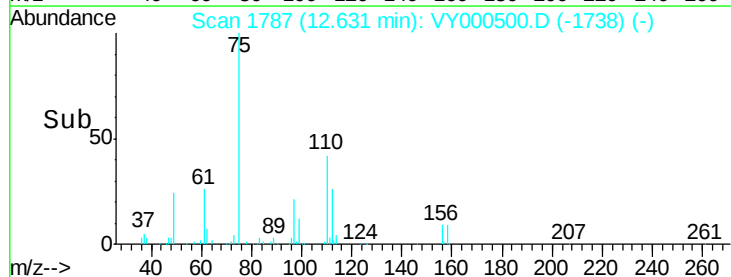
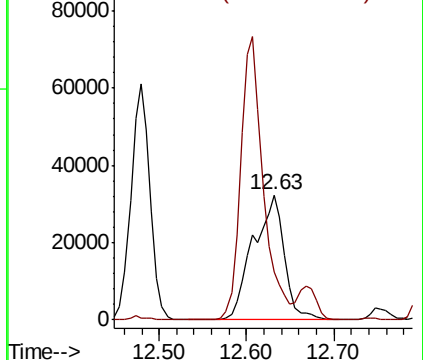
Acq: 31 Oct 2019 13:06

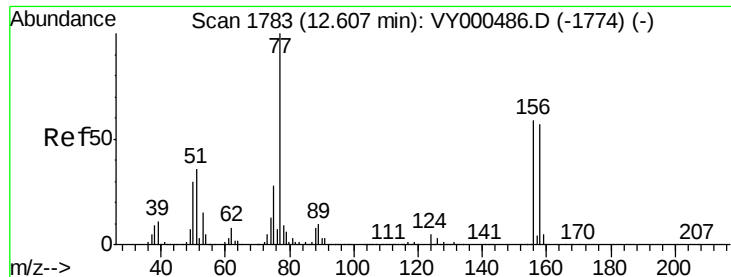
Tgt Ion:	75	Resp:	81106
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VY000500.D (-1738) (-)

Ion 77.00 (76.70 to 77.70): VY000500.D (-1738) (-)





#77

Bromobenzene

Concen: 20.912 ug/l

RT: 12.61 min Scan# 1783

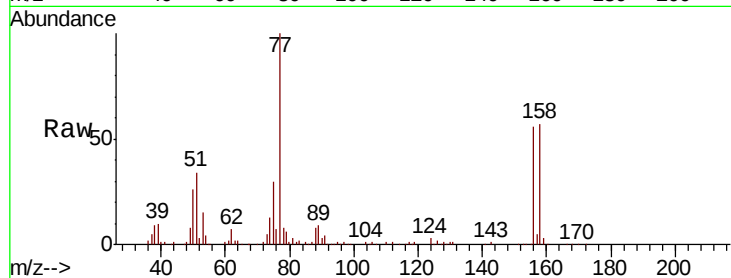
Delta R.T. -0.00 min

Lab File: VY000500.D

Acq: 31 Oct 2019 13:06

Tot Ion:156 Resp: 66444

Ion	Ratio	Lower	Upper
156	100		
77	198.0	98.2	294.4
158	98.2	49.6	149.0

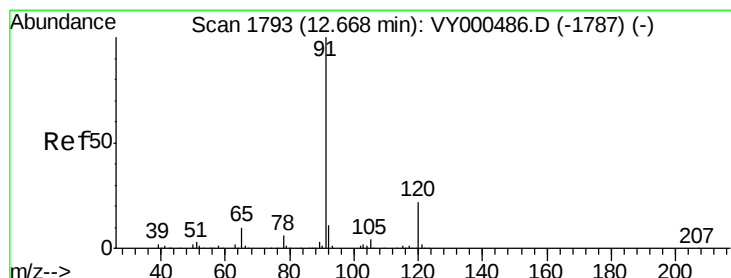
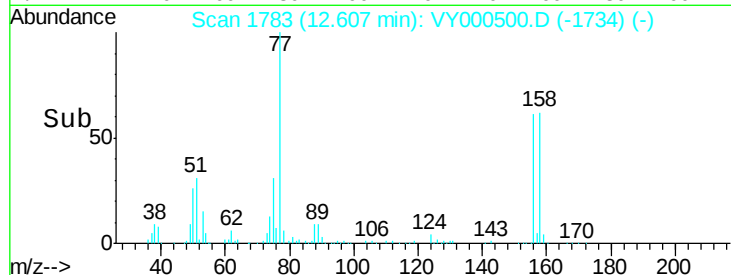
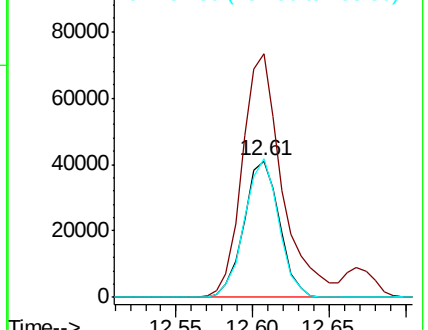


Abundance

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

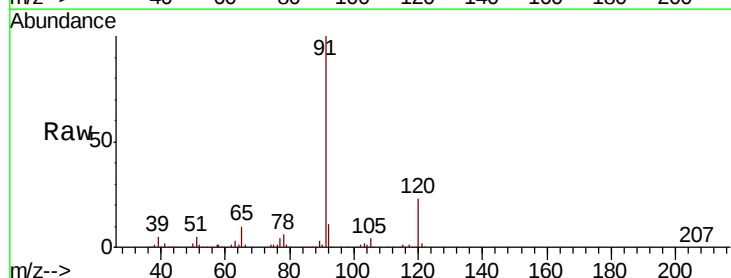
Delta R.T. -0.00 min

Lab File: VY000500.D

Acq: 31 Oct 2019 13:06

Tgt Ion: 91 Resp: 363791

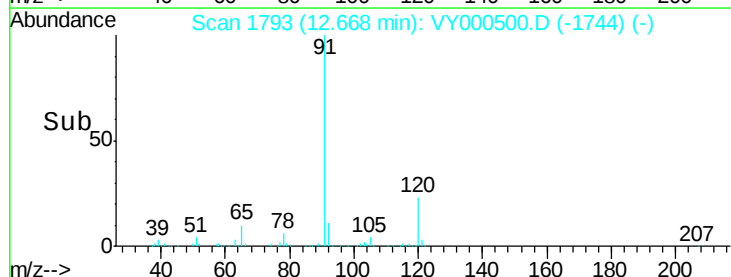
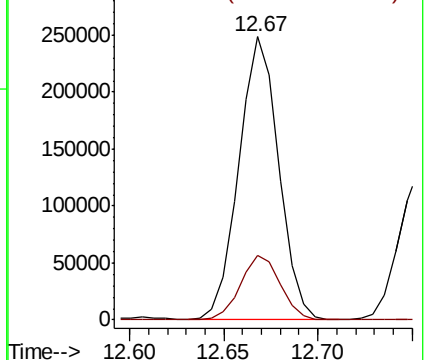
Ion	Ratio	Lower	Upper
91	100		
120	22.8	11.4	34.1

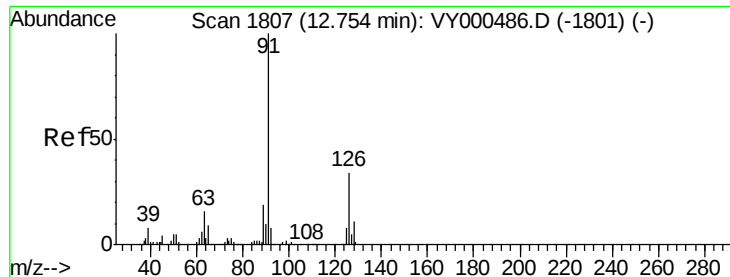


Abundance

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

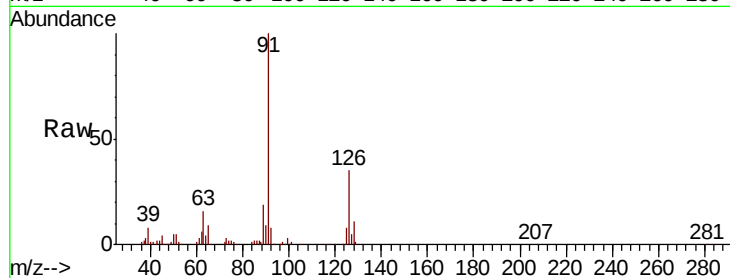
Acq: 31 Oct 2019 13:06

Tot Ion: 91 Resp: 197303

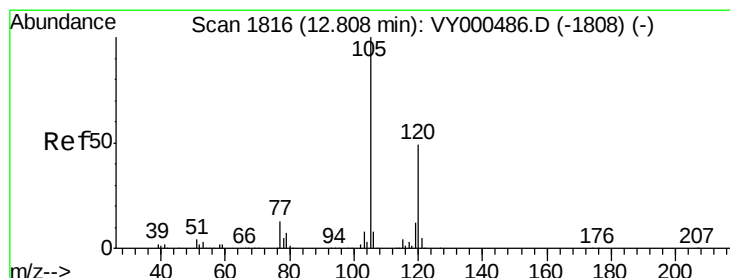
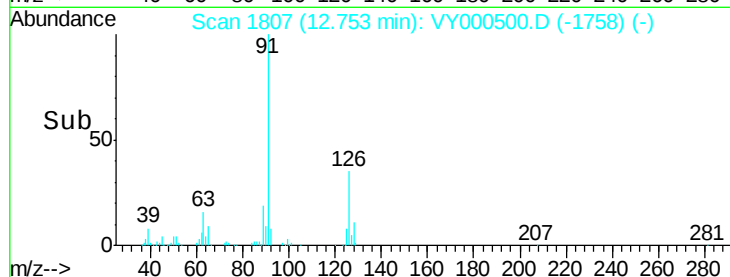
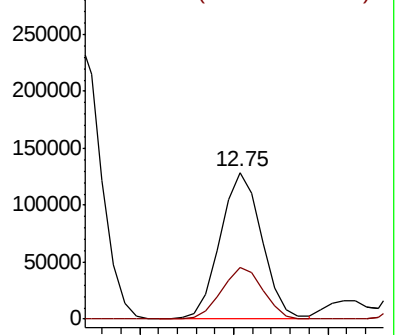
Ion Ratio Lower Upper

91 100

126 35.1 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VY000486.D (-1801) (-)



#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

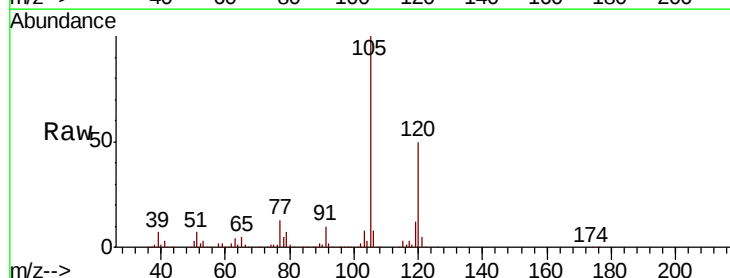
Acq: 31 Oct 2019 13:06

Tgt Ion:105 Resp: 252072

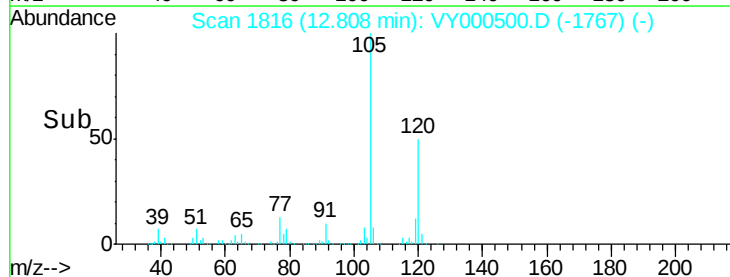
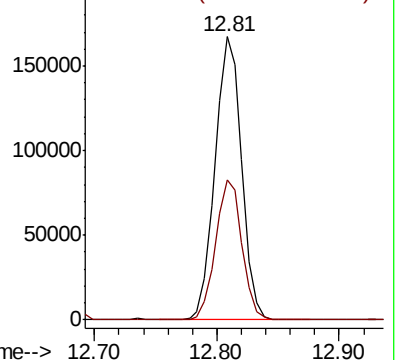
Ion Ratio Lower Upper

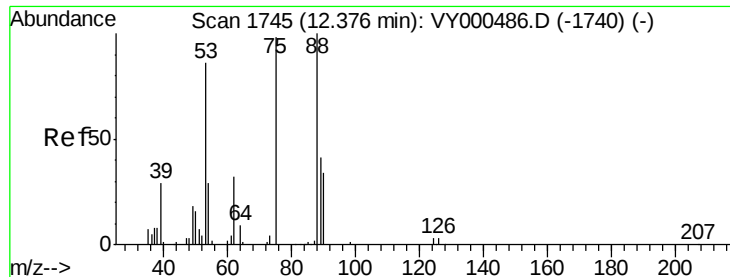
105 100

120 49.1 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): VY000486.D (-1808) (-)





#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

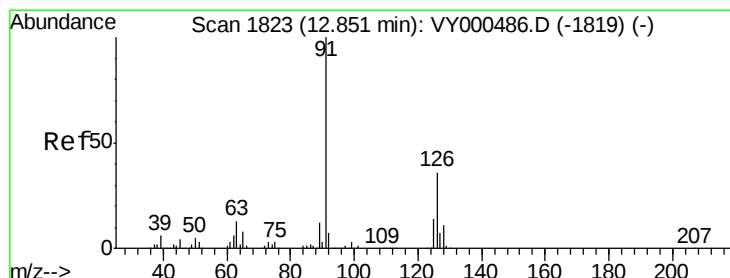
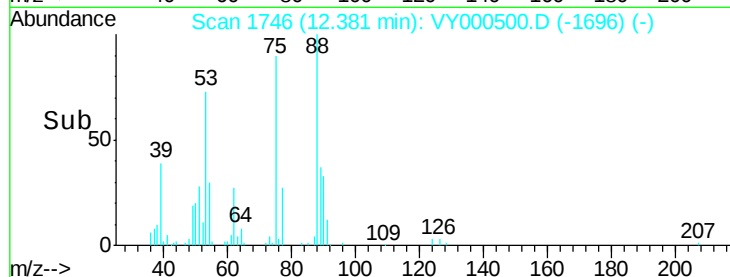
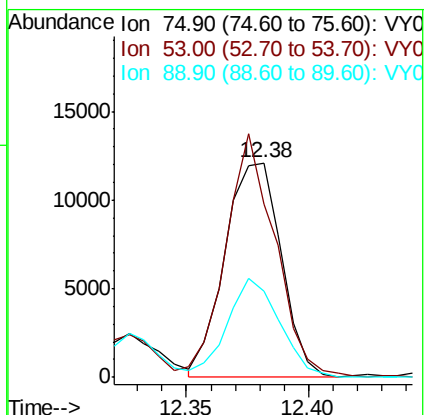
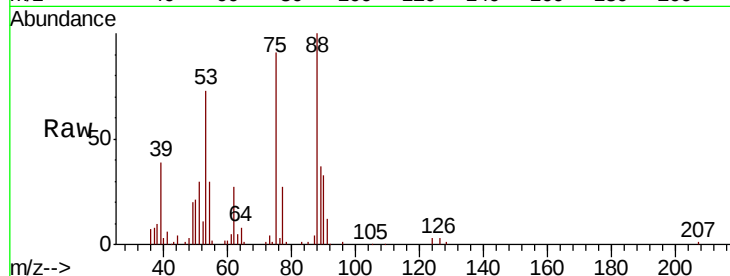
Tot Ion: 75 Resp: 19469

Ion Ratio Lower Upper

75 100

53 99.7 73.2 109.8

89 42.8 35.9 53.9



#82

4-Chlorotoluene

Concen: 21.276 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.00 min

Lab File: VY000500.D

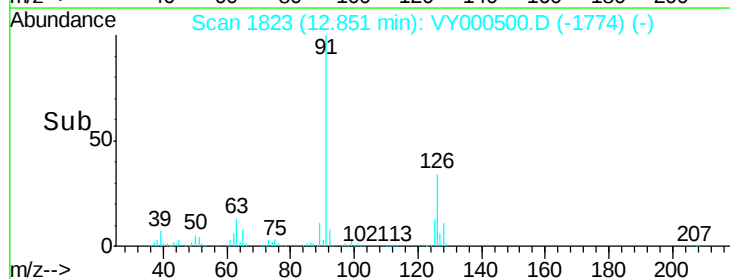
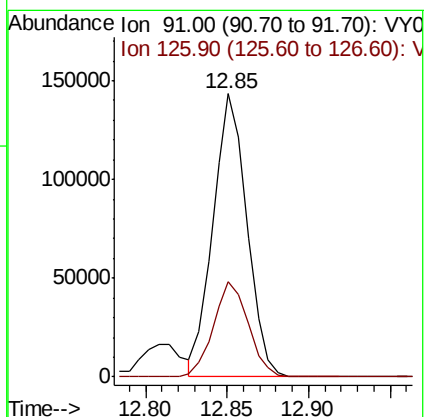
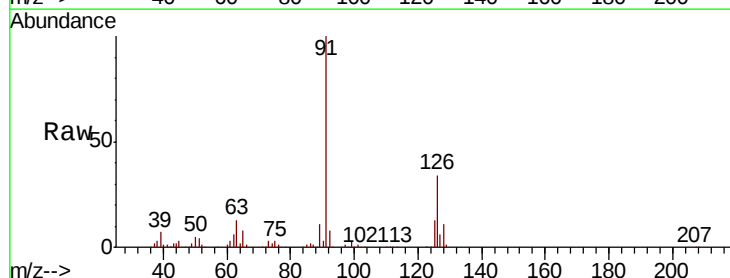
Acq: 31 Oct 2019 13:06

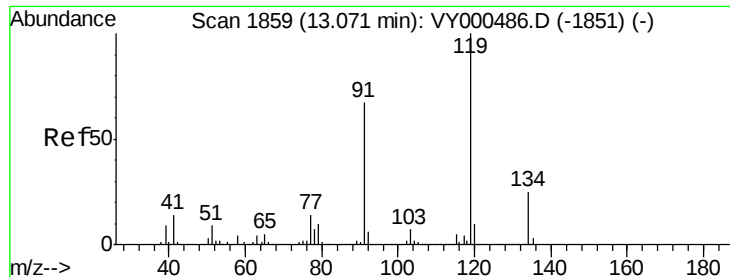
Tgt Ion: 91 Resp: 206992

Ion Ratio Lower Upper

91 100

126 34.9 17.6 52.9





#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

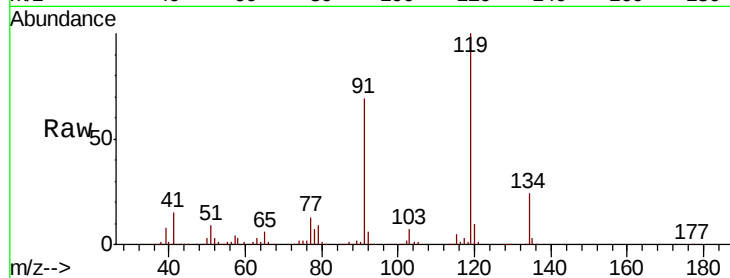
Tot Ion:119 Resp: 215286

Ion Ratio Lower Upper

119 100

91 65.8 32.1 96.3

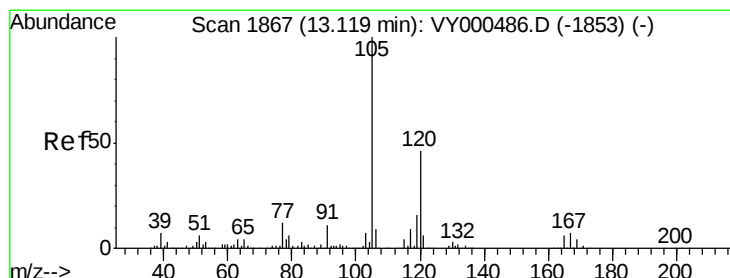
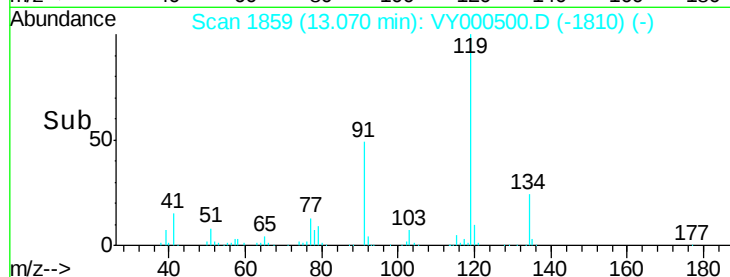
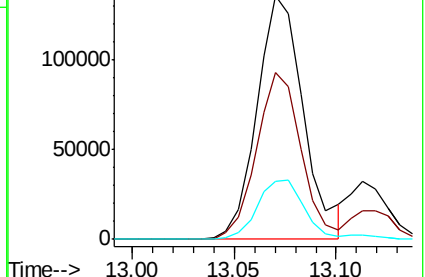
134 25.7 13.2 39.5



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

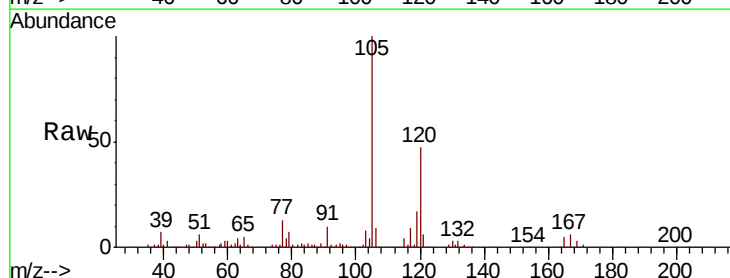
Acq: 31 Oct 2019 13:06

Tgt Ion:105 Resp: 253712

Ion Ratio Lower Upper

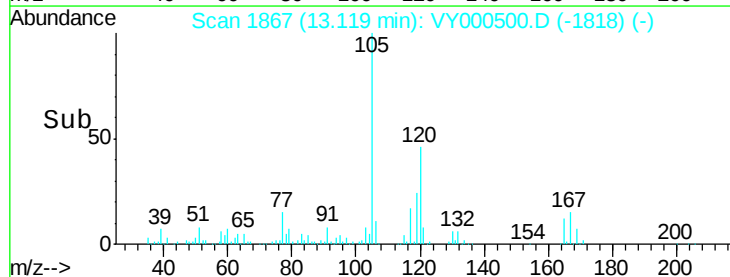
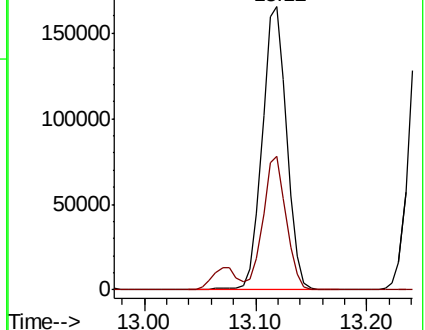
105 100

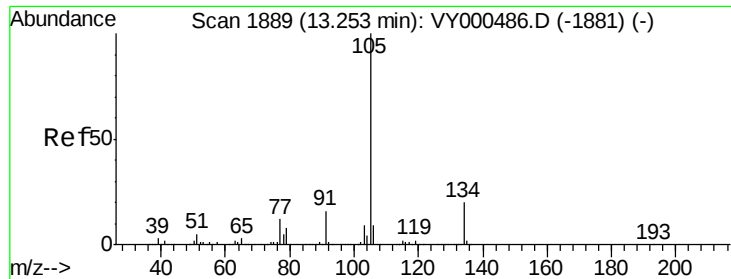
120 44.8 23.3 69.9



Abundance Ion 105.00 (104.70 to 105.70): V

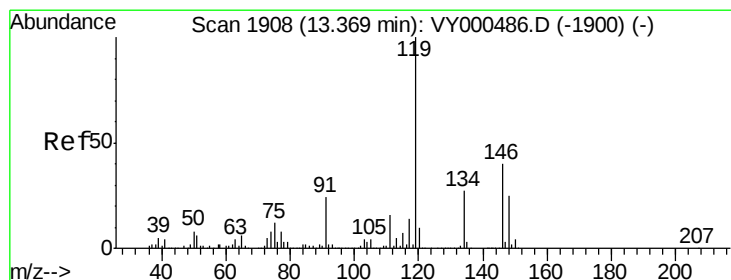
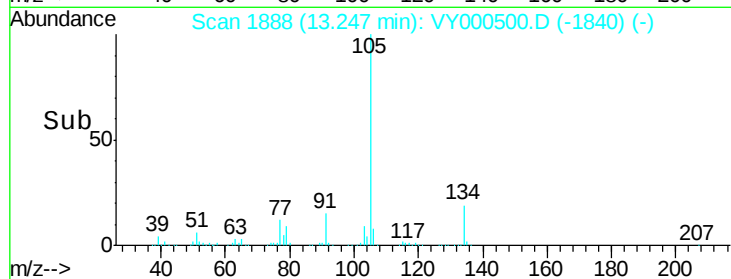
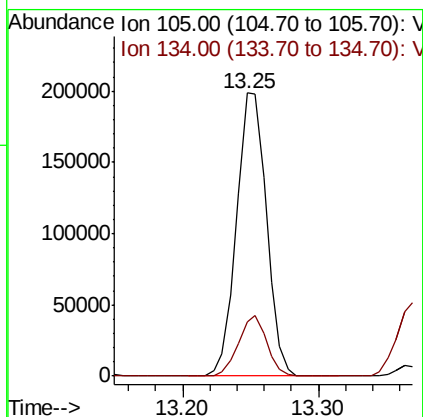
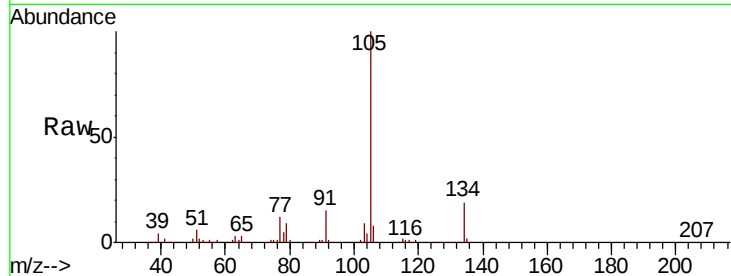
Ion 120.00 (119.70 to 120.70): V





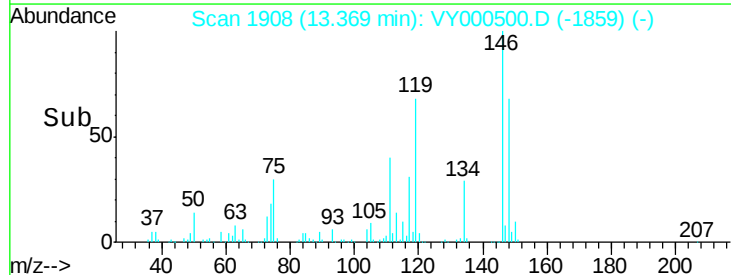
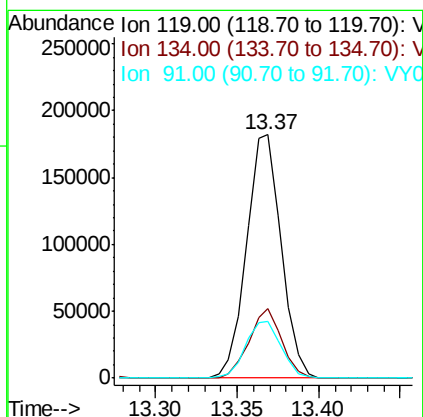
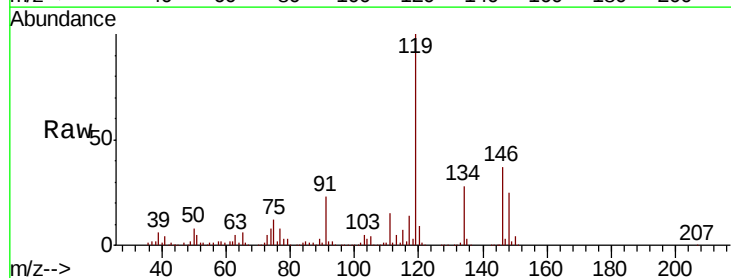
#85
 sec-Butylbenzene
 Concen: 21.510 ug/l
 RT: 13.25 min Scan# 1888
 Delta R.T. -0.01 min
 Lab File: VY000500.D
 Acq: 31 Oct 2019 13:06

Tot Ion:105 Resp: 305341
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.1 30.1



#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





#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

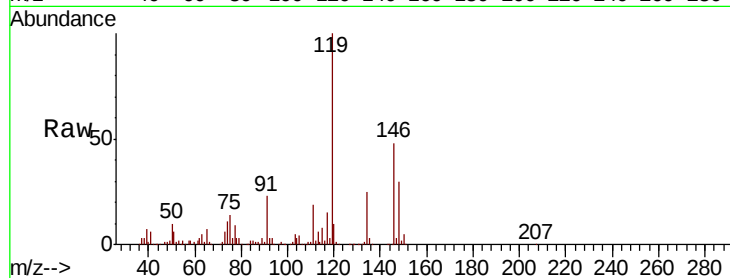
Tot Ion:146 Resp: 129484

Ion Ratio Lower Upper

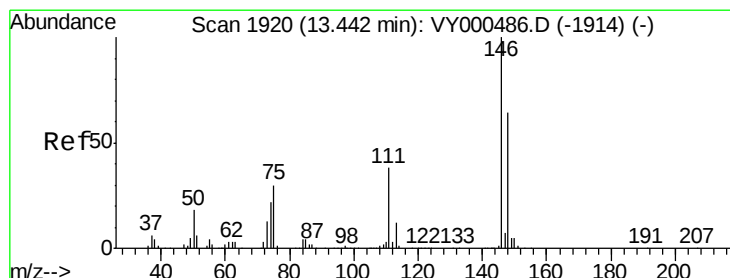
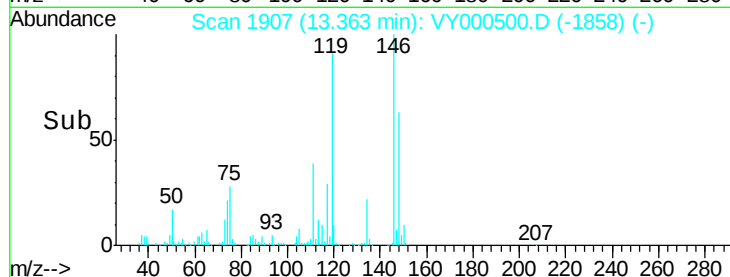
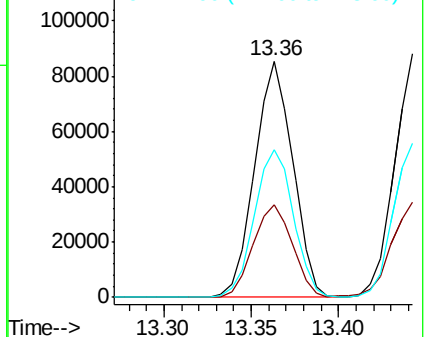
146 100

111 40.3 20.3 60.8

148 63.9 31.5 94.5



Abundance Ion 145.90 (145.60 to 146.60): V
120000
Ion 110.90 (110.60 to 111.60): V
100000
Ion 147.90 (147.60 to 148.60): V



#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

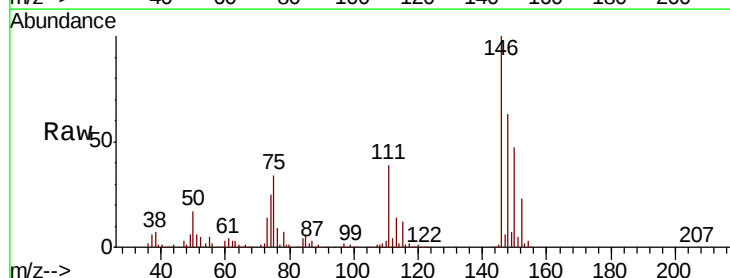
Tgt Ion:146 Resp: 131473

Ion Ratio Lower Upper

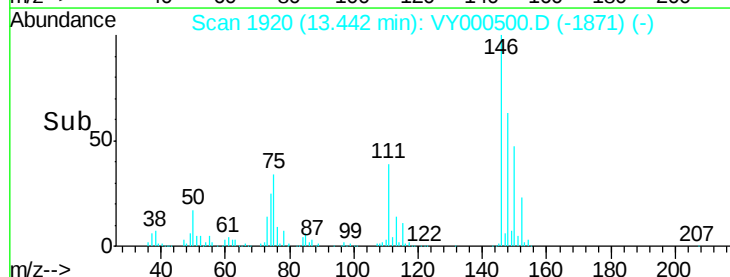
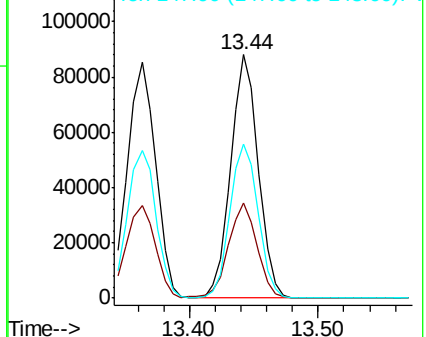
146 100

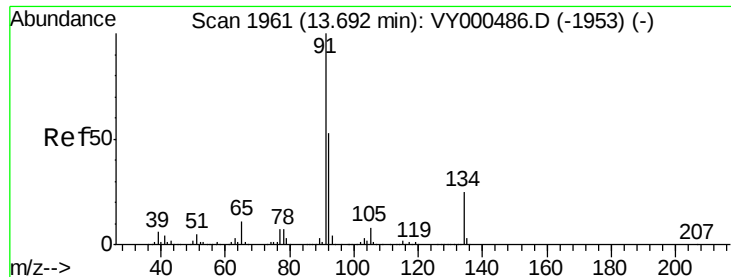
111 40.6 19.7 59.0

148 64.4 31.9 95.7



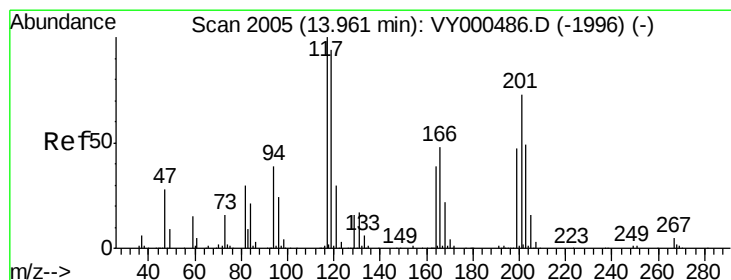
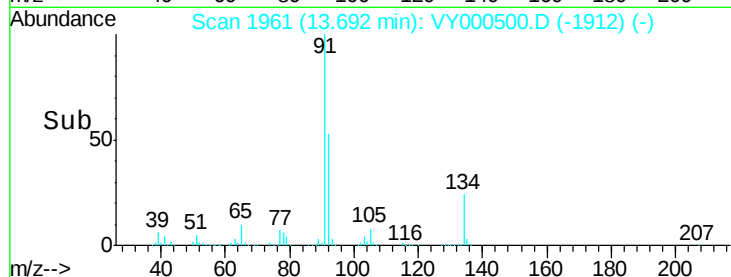
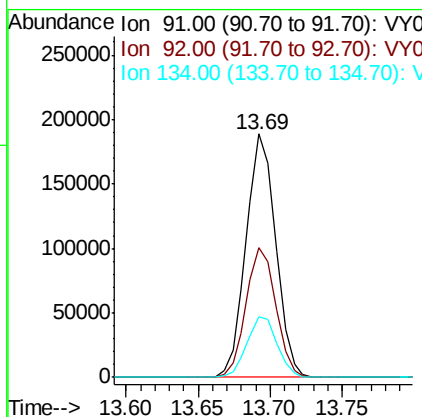
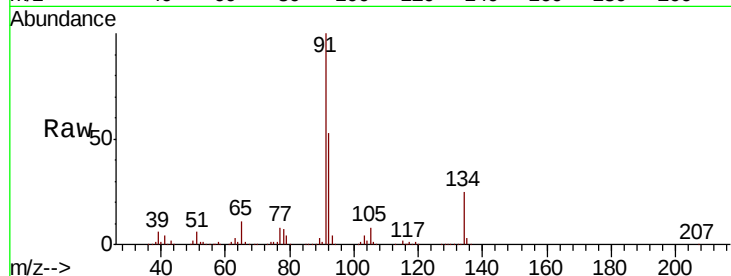
Abundance Ion 145.90 (145.60 to 146.60): V
120000
Ion 110.90 (110.60 to 111.60): V
100000
Ion 147.90 (147.60 to 148.60): V





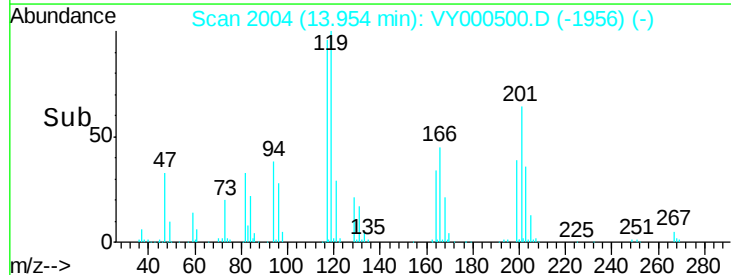
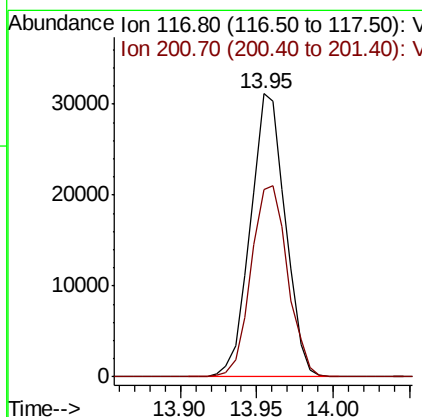
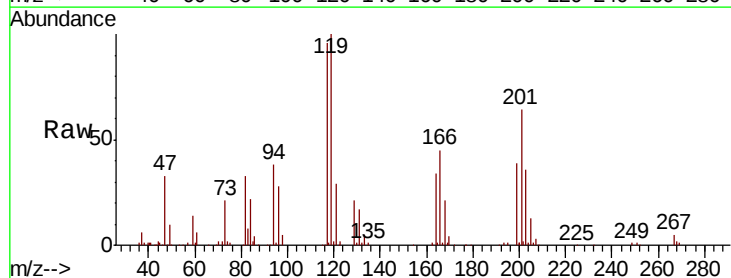
#89
n-Butylbenzene
Concen: 21.546 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY000500.D
Acq: 31 Oct 2019 13:06

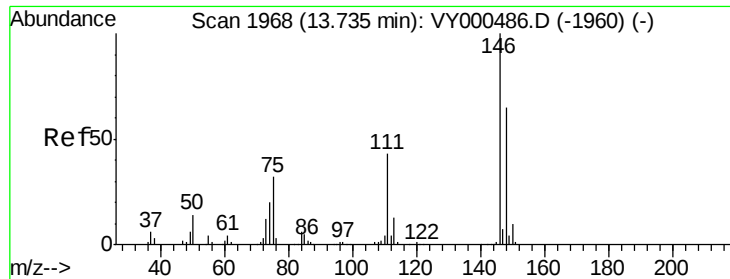
Tot Ion: 91 Resp: 268864
Ion Ratio Lower Upper
91 100
92 53.3 26.8 80.3
134 25.3 12.9 38.7



#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

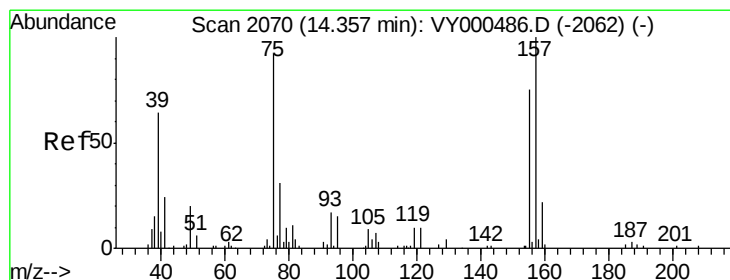
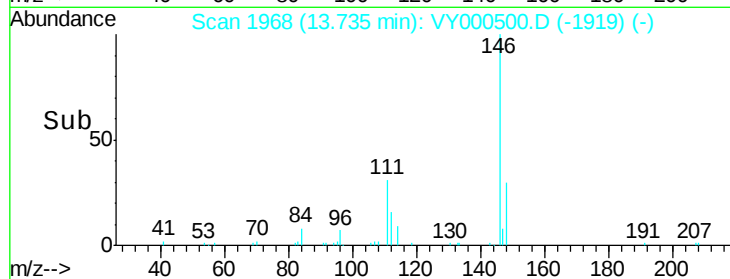
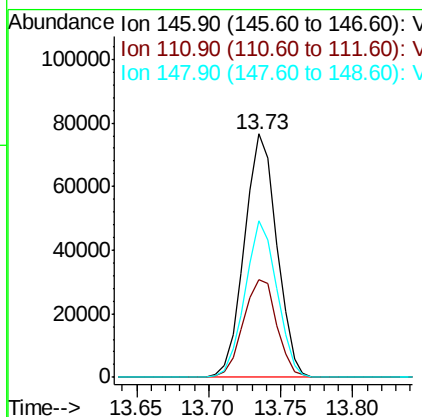
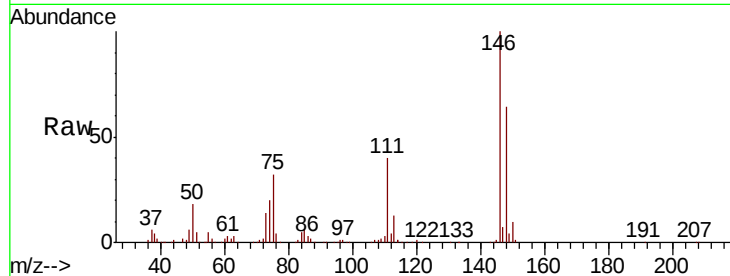
Tgt Ion: 117 Resp: 49367
Ion Ratio Lower Upper
117 100
201 70.8 35.8 107.3





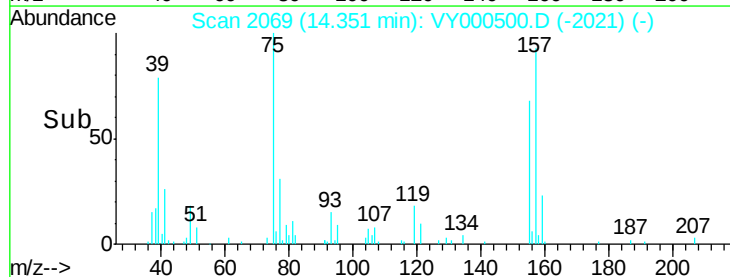
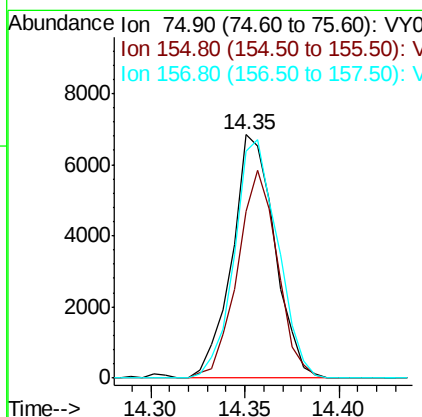
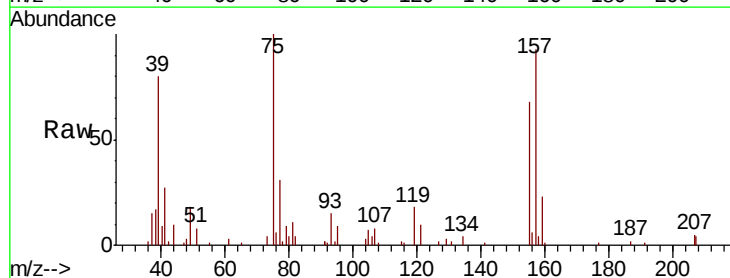
#91
 1,2-Dichlorobenzene
 Concen: 21.056 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VY000500.D
 Acq: 31 Oct 2019 13:06

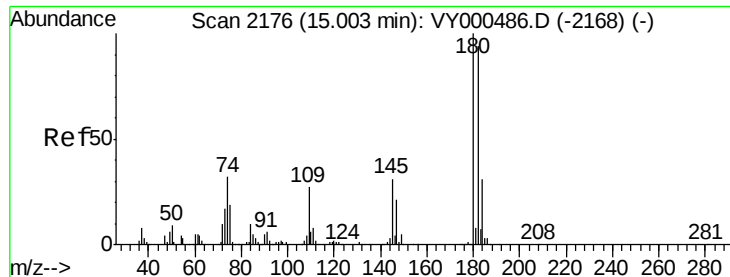
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.7	20.5	61.5
148	63.3	31.7	95.1



#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

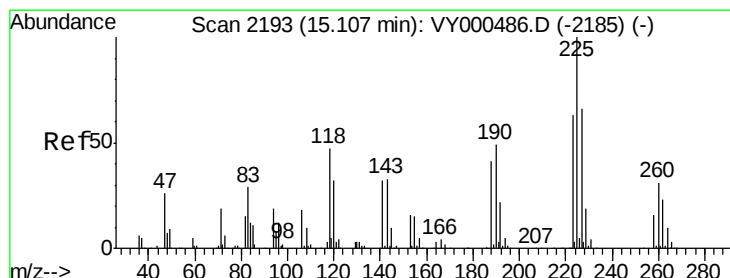
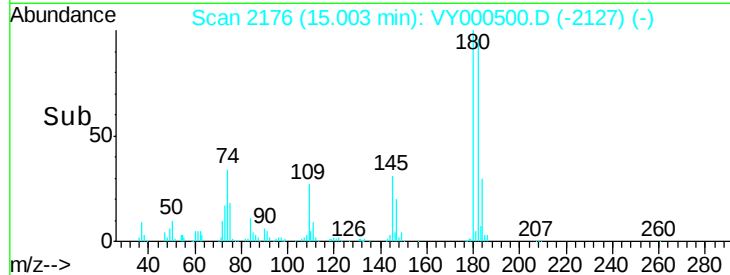
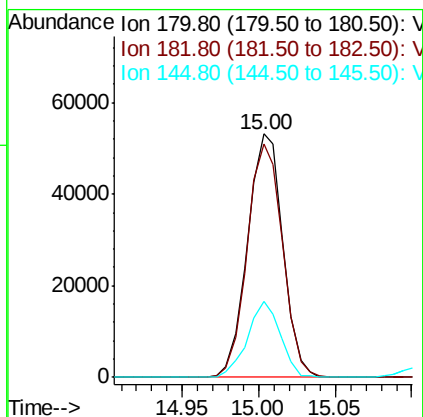
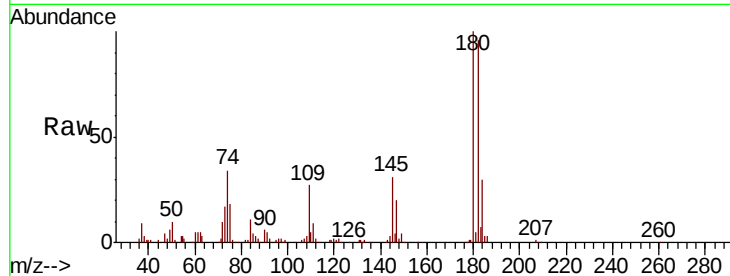
Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.7	42.4	127.1
157	98.8	55.1	165.3





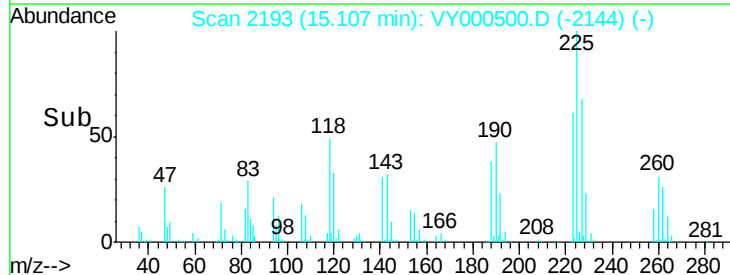
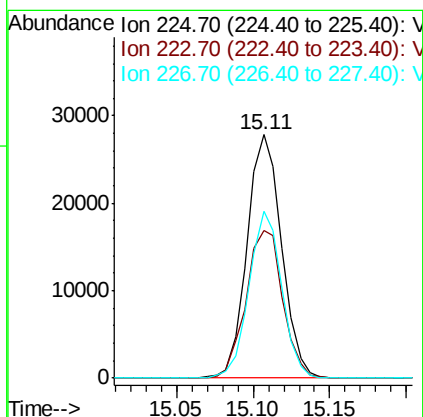
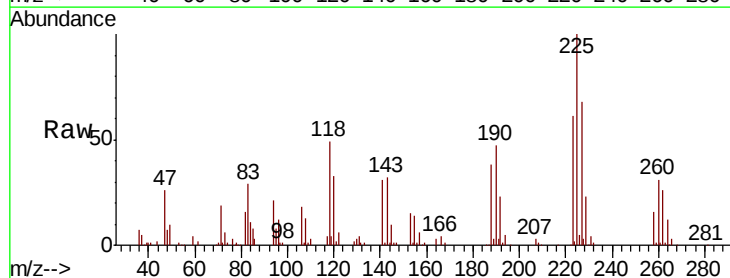
#93
 1,2,4-Trichlorobenzene
 Concen: 22.122 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY000500.D
 Acq: 31 Oct 2019 13:06

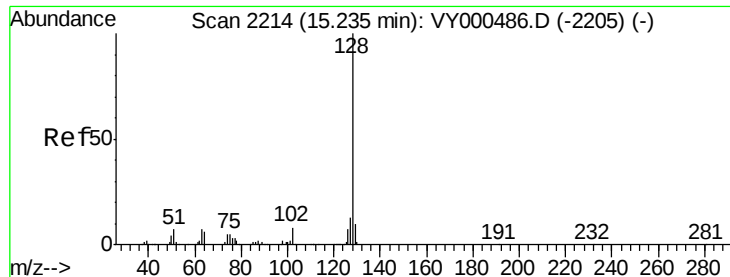
Tot Ion:180 Resp: 85053
 Ion Ratio Lower Upper
 180 100
 182 96.1 47.8 143.4
 145 29.1 16.0 47.9



#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





#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

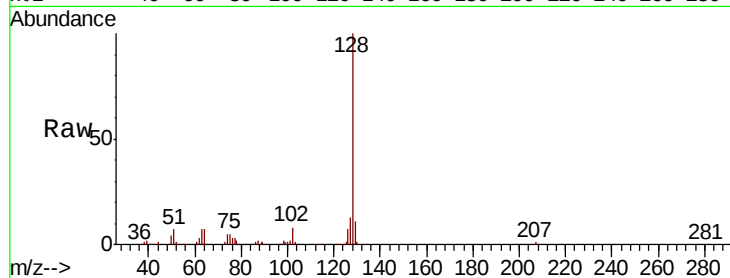
Tot Ion:128 Resp: 190601

Ion Ratio Lower Upper

128 100

127 12.3 9.8 14.6

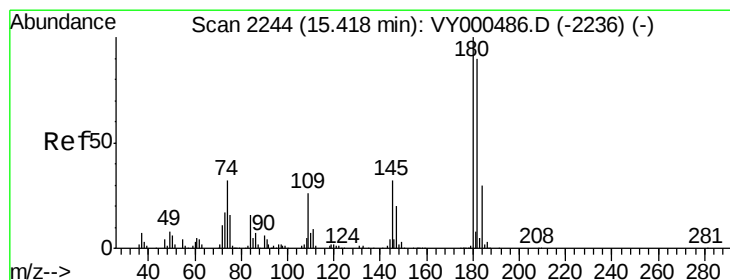
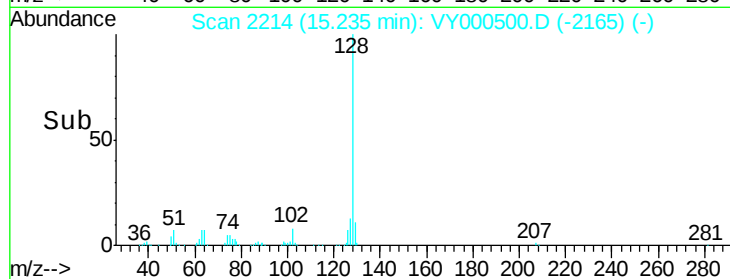
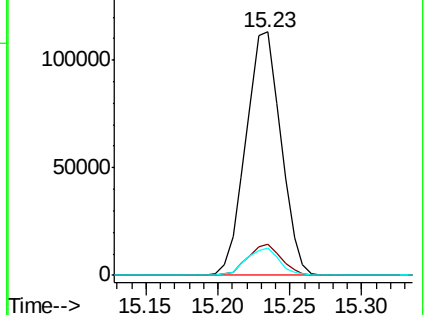
129 10.7 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 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

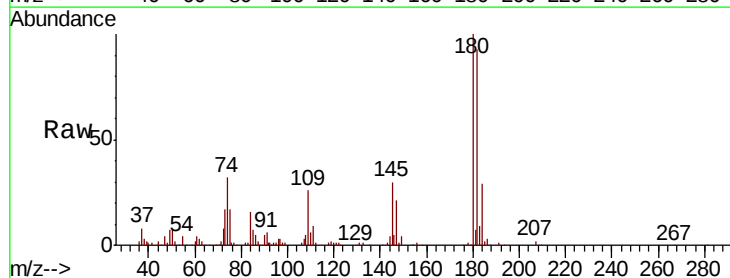
Tgt Ion:180 Resp: 76849

Ion Ratio Lower Upper

180 100

182 94.5 47.4 142.3

145 30.6 15.7 47.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

