

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY103119\
 Data File : VY000497.D
 Acq On : 31 Oct 2019 11:35
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 01 08:21:42 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	265365	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	443888	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	405426	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	201499	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	147561	53.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.46%	
35) Dibromofluoromethane	7.73	113	131067	50.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.60%	
50) Toluene-d8	10.18	98	550537	55.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.36%	
62) 4-Bromofluorobenzene	12.48	95	197341	52.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	137366	52.586	ug/l	97
3) Chloromethane	2.12	50	186734	51.892	ug/l	97
4) Vinyl Chloride	2.25	62	172520	51.627	ug/l	99
5) Bromomethane	2.65	94	99382	49.595	ug/l	98
6) Chloroethane	2.79	64	106730	51.032	ug/l	98
7) Trichlorofluoromethane	3.13	101	231292	51.252	ug/l	100
8) Diethyl Ether	3.53	74	83032	51.781	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.90	101	137249	50.305	ug/l	98
10) Methyl Iodide	4.10	142	184493	51.286	ug/l	99
11) Tert butyl alcohol	4.97	59	68437	256.008	ug/l	99
12) 1,1-Dichloroethene	3.87	96	136986	51.679	ug/l	95
13) Acrolein	3.74	56	61129	262.521	ug/l	97
14) Allyl chloride	4.49	41	237047	54.997	ug/l	98
15) Acrylonitrile	5.18	53	217504	264.786	ug/l	100
16) Acetone	3.96	43	225703	298.202	ug/l	97
17) Carbon Disulfide	4.20	76	438884	52.496	ug/l	98
18) Methyl Acetate	4.48	43	119162	50.634	ug/l	100
19) Methyl tert-butyl Ether	5.23	73	384555	52.179	ug/l	100
20) Methylene Chloride	4.71	84	156951	48.395	ug/l	98
21) trans-1,2-Dichloroethene	5.22	96	155013	51.728	ug/l	94
22) Diisopropyl ether	6.13	45	509499	54.385	ug/l	96
23) Vinyl Acetate	6.07	43	1620362	273.995	ug/l	99
24) 1,1-Dichloroethane	6.03	63	260725	51.372	ug/l	99
25) 2-Butanone	7.00	43	332951	275.638	ug/l	96
26) 2,2-Dichloropropane	6.99	77	235795	50.839	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	169395	51.695	ug/l	98
28) Bromochloromethane	7.35	49	125769	53.981	ug/l	96
29) Tetrahydrofuran	7.35	42	195315	264.308	ug/l	99
30) Chloroform	7.52	83	268775	52.350	ug/l	99
31) Cyclohexane	7.79	56	270218	50.834	ug/l	99
32) 1,1,1-Trichloroethane	7.71	97	235595	51.488	ug/l	99
36) 1,1-Dichloropropene	7.92	75	217815	51.906	ug/l	98
37) Ethyl Acetate	7.08	43	129068	51.806	ug/l	98
38) Carbon Tetrachloride	7.91	117	209133	51.794	ug/l	89

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

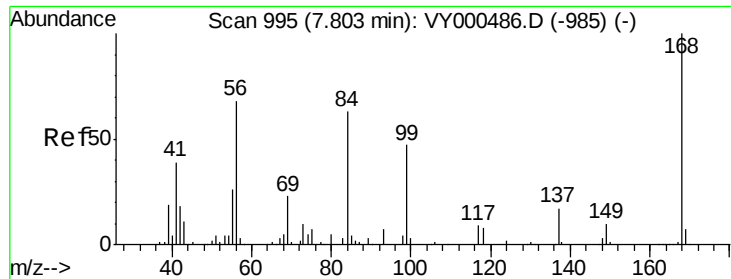
39) Methylcyclohexane	9.19	83	280036	51.655	ug/l	95
40) Benzene	8.17	78	624886	50.793	ug/l	99
41) Methacrylonitrile	7.33	41	58046m	41.765	ug/l	
42) 1,2-Dichloroethane	8.25	62	181418	51.992	ug/l	100
43) Isopropyl Acetate	8.28	43	249227	53.253	ug/l	98
44) Trichloroethene	8.94	130	163449	50.389	ug/l	98
45) 1,2-Dichloropropane	9.22	63	156030	51.531	ug/l	94
46) Dibromomethane	9.31	93	86245	51.792	ug/l	97
47) Bromodichloromethane	9.50	83	203916	51.608	ug/l	99
48) Methyl methacrylate	9.30	41	111355	54.457	ug/l	96
49) 1,4-Dioxane	9.30	88	24768	1105.148	ug/l	94
51) 4-Methyl-2-Pentanone	10.07	43	675848	271.615	ug/l	100
52) Toluene	10.25	92	400882	51.540	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	226082	53.550	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	255238	52.772	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	125965	52.299	ug/l	95
56) Ethyl methacrylate	10.51	69	186044	54.499	ug/l	98
57) 1,3-Dichloropropane	10.79	76	218756	51.894	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	448523	290.624	ug/l	99
59) 2-Hexanone	10.83	43	508196	280.318	ug/l	99
60) Dibromochloromethane	10.99	129	141890	51.432	ug/l	99
61) 1,2-Dibromoethane	11.09	107	124254	53.655	ug/l	99
64) Tetrachloroethene	10.72	164	158640	47.322	ug/l	97
65) Chlorobenzene	11.52	112	417144	50.748	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	145823	51.152	ug/l	99
67) Ethyl Benzene	11.59	91	780065	51.563	ug/l	99
68) m/p-Xylenes	11.70	106	596314	101.843	ug/l	97
69) o-Xylene	12.03	106	282097	51.263	ug/l	96
70) Styrene	12.04	104	487399	51.724	ug/l	99
71) Bromoform	12.20	173	86113	52.518	ug/l #	99
73) Isopropylbenzene	12.33	105	763594	51.274	ug/l	100
74) N-amyl acetate	12.14	43	236052	55.345	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	157543	53.428	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	112260m	48.929	ug/l	
77) Bromobenzene	12.61	156	170090	50.365	ug/l	98
78) n-propylbenzene	12.67	91	932618	51.902	ug/l	100
79) 2-Chlorotoluene	12.75	91	515324	51.659	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	640157	51.613	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	57347	56.042	ug/l	94
82) 4-Chlorotoluene	12.85	91	540816	52.301	ug/l	98
83) tert-Butylbenzene	13.07	119	551916	52.116	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	644255	52.170	ug/l	100
85) sec-Butylbenzene	13.25	105	798065	52.894	ug/l	99
86) p-Isopropyltoluene	13.37	119	702795	52.263	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	333218	50.375	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	340107	51.454	ug/l	99
89) n-Butylbenzene	13.69	91	703127	53.014	ug/l	99
90) Hexachloroethane	13.96	117	129603	52.133	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	303274	50.532	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	26951	51.644	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	210957	51.623	ug/l	99
94) Hexachlorobutadiene	15.11	225	105842	50.245	ug/l	98
95) Naphthalene	15.23	128	477579	52.645	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	184763	50.396	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000497.D

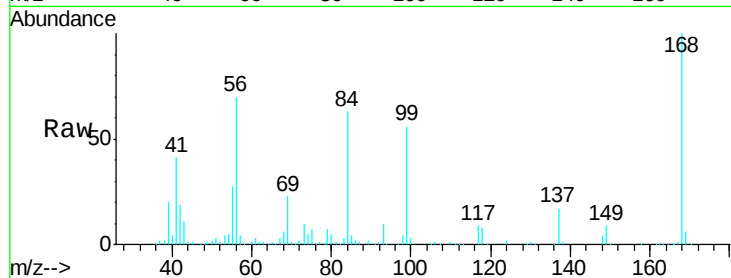
Acq: 31 Oct 2019 11:35

Tgt Ion: 168 Resp: 265365

Ion Ratio Lower Upper

168 100

99 56.1 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) (-)

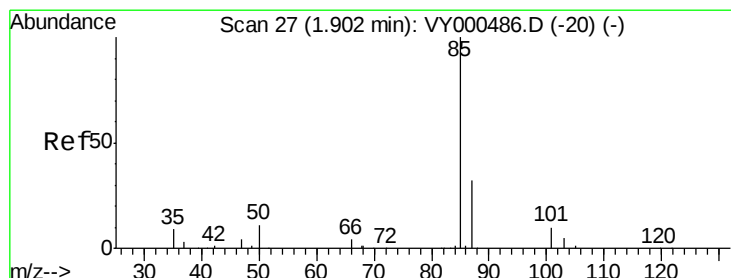
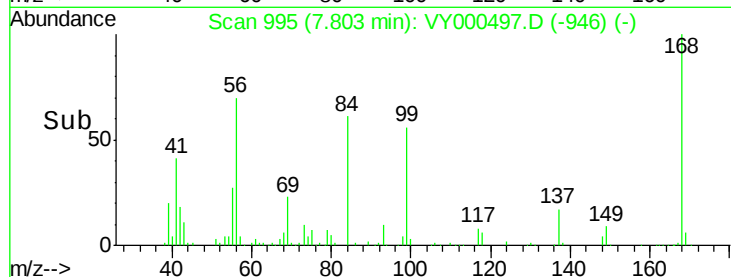
7.80

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 52.586 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY000497.D

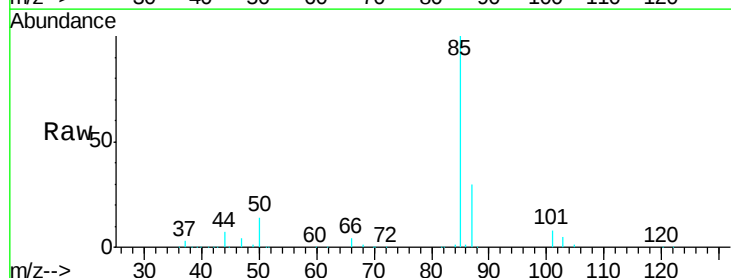
Acq: 31 Oct 2019 11:35

Tgt Ion: 85 Resp: 137366

Ion Ratio Lower Upper

85 100

87 30.3 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

100000

80000

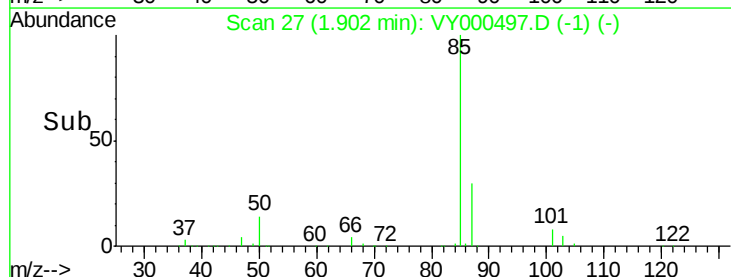
60000

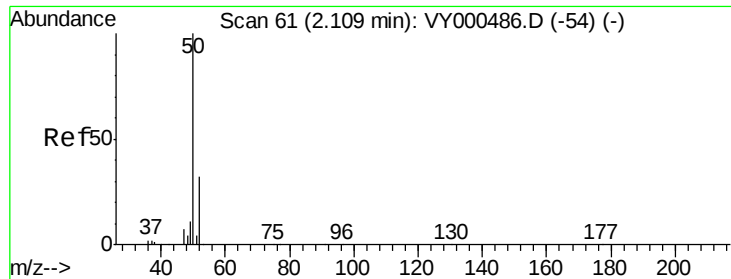
40000

20000

0

Time-->





#3

Chloromethane

Concen: 51.892 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.01 min

Lab File: VY000497.D

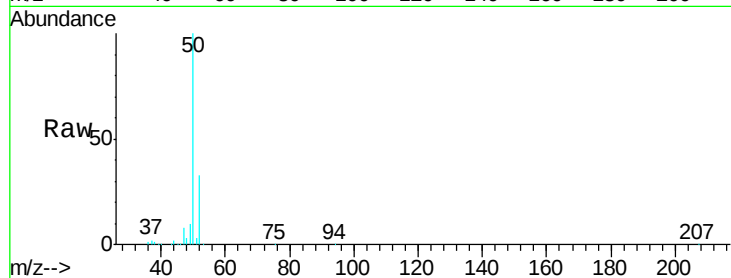
Acq: 31 Oct 2019 11:35

Tgt Ion: 50 Resp: 186734

Ion Ratio Lower Upper

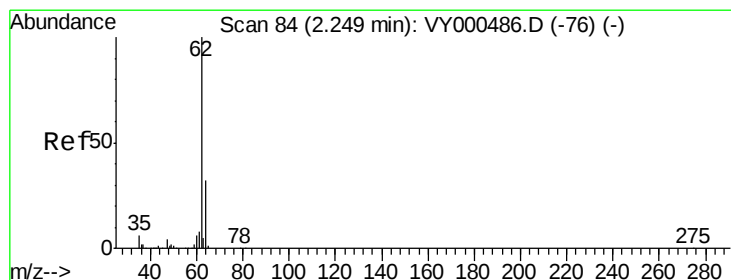
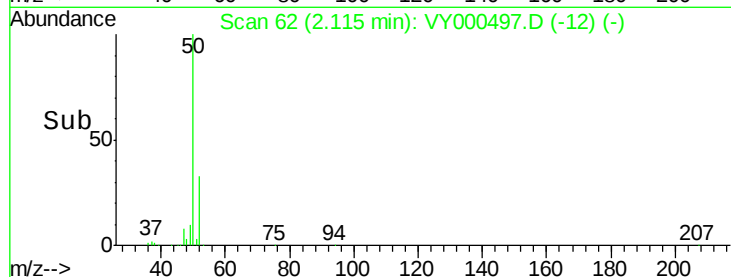
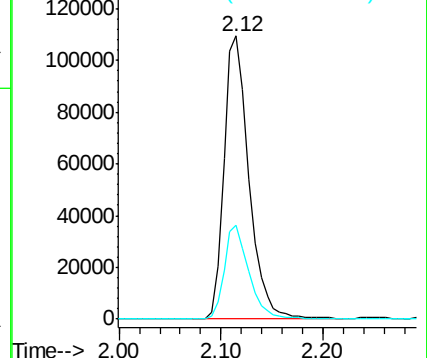
50 100

52 33.0 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 51.627 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.00 min

Lab File: VY000497.D

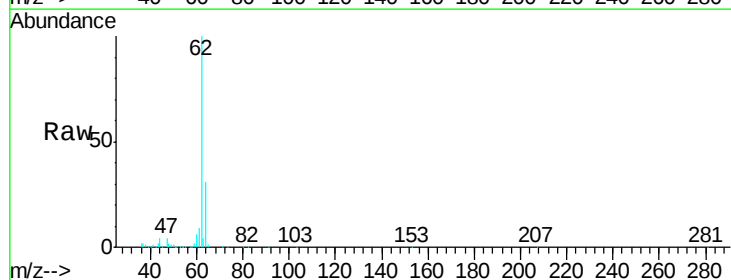
Acq: 31 Oct 2019 11:35

Tgt Ion: 62 Resp: 172520

Ion Ratio Lower Upper

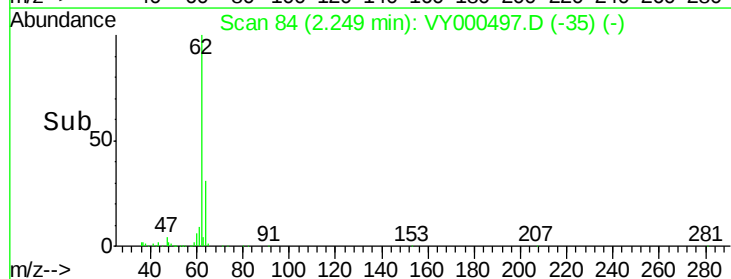
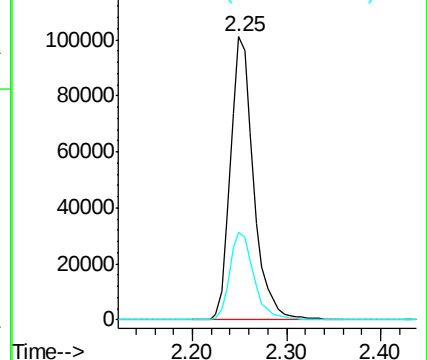
62 100

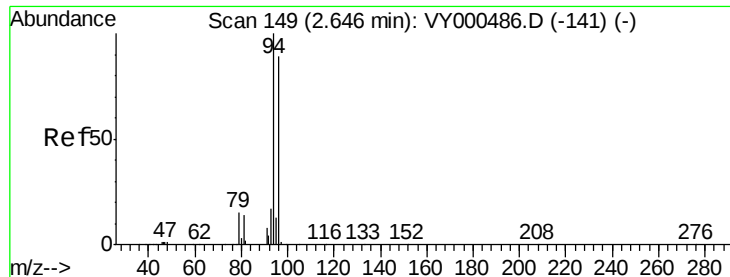
64 30.8 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 49.595 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.00 min

Lab File: VY000497.D

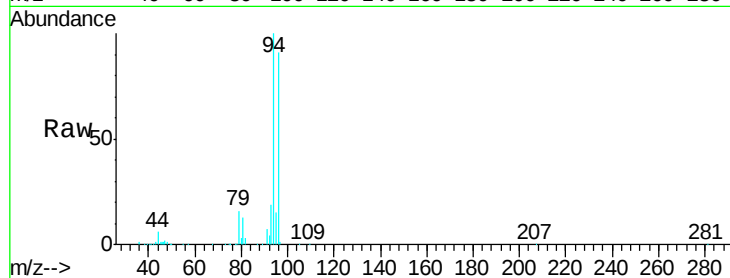
Acq: 31 Oct 2019 11:35

Tgt Ion: 94 Resp: 99382

Ion Ratio Lower Upper

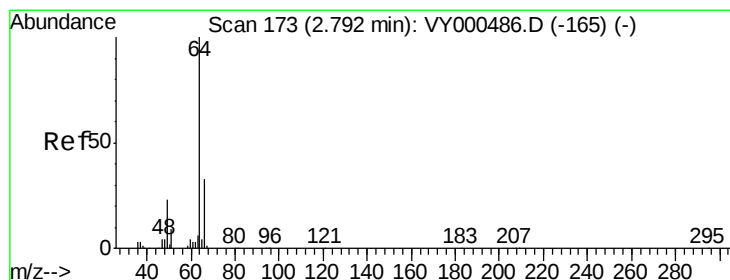
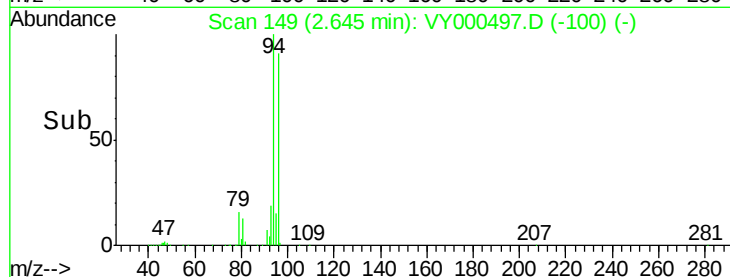
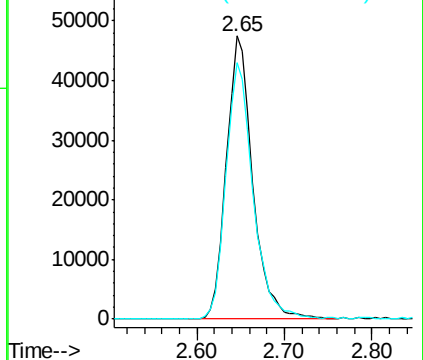
94 100

96 90.7 71.2 106.8



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 51.032 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.00 min

Lab File: VY000497.D

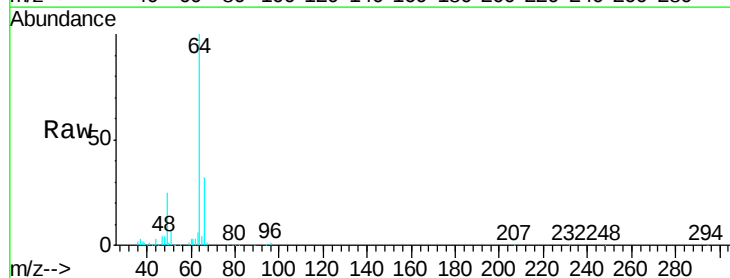
Acq: 31 Oct 2019 11:35

Tgt Ion: 64 Resp: 106730

Ion Ratio Lower Upper

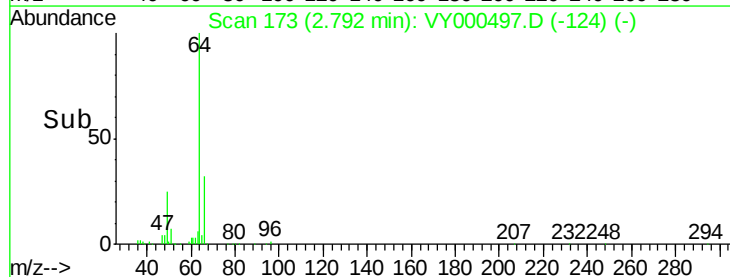
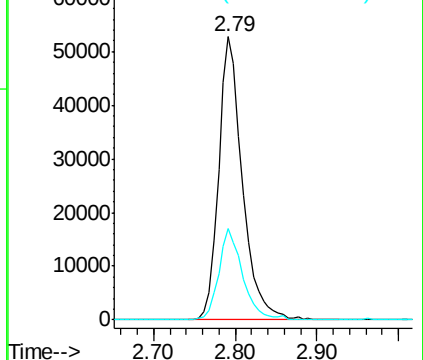
64 100

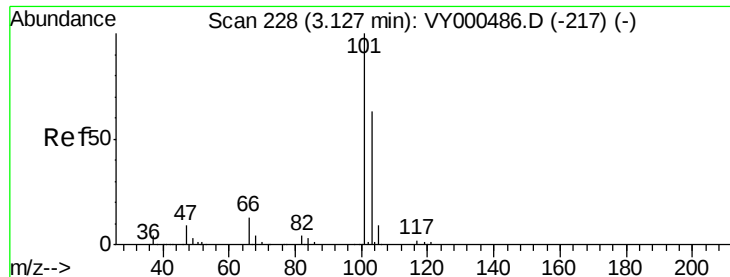
66 32.0 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

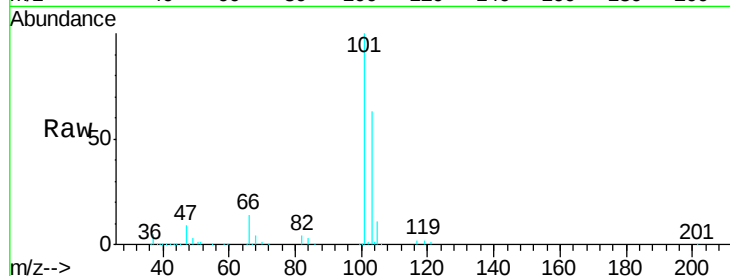




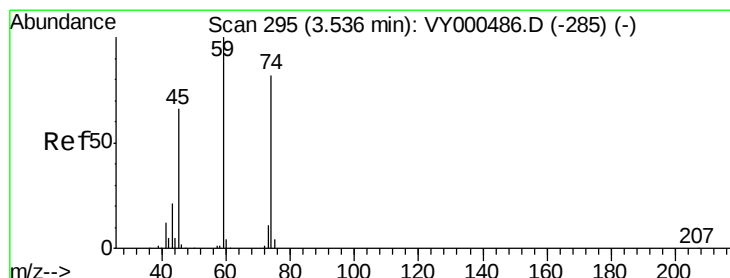
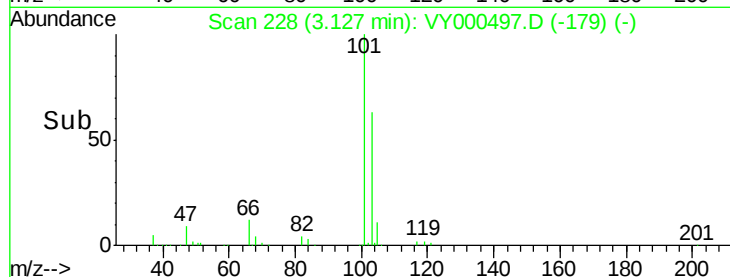
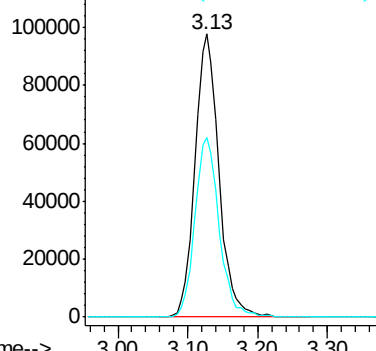
#7

Trichlorofluoromethane
Concen: 51.252 ug/l
RT: 3.13 min Scan# 228
Delta R.T. -0.00 min
Lab File: VY000497.D
Acq: 31 Oct 2019 11:35

Tgt Ion: 101 Resp: 231292
Ion Ratio Lower Upper
101 100
103 63.4 50.5 75.7



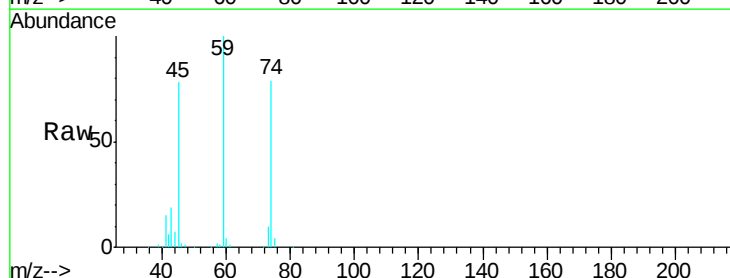
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



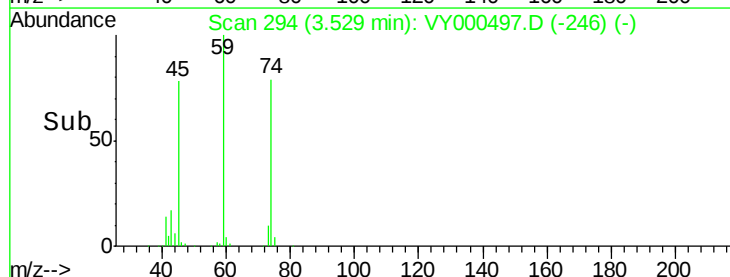
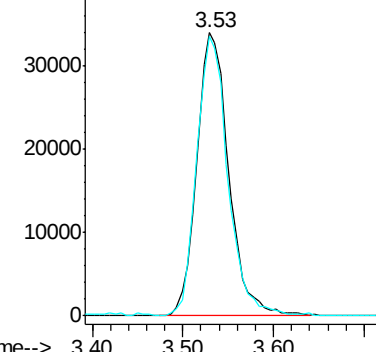
#8

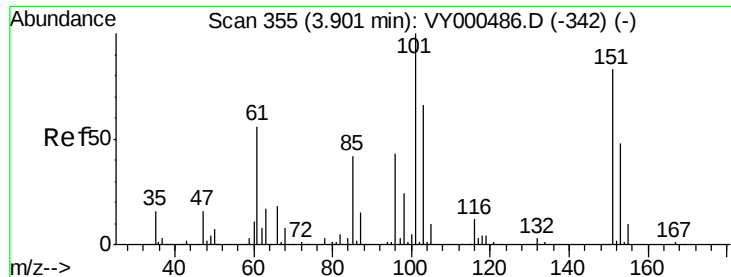
Diethyl Ether
Concen: 51.781 ug/l
RT: 3.53 min Scan# 294
Delta R.T. -0.01 min
Lab File: VY000497.D
Acq: 31 Oct 2019 11:35

Tgt Ion: 74 Resp: 83032
Ion Ratio Lower Upper
74 100
45 95.2 45.5 136.4



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.305 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.00 min

Lab File: VY000497.D

Acq: 31 Oct 2019 11:35

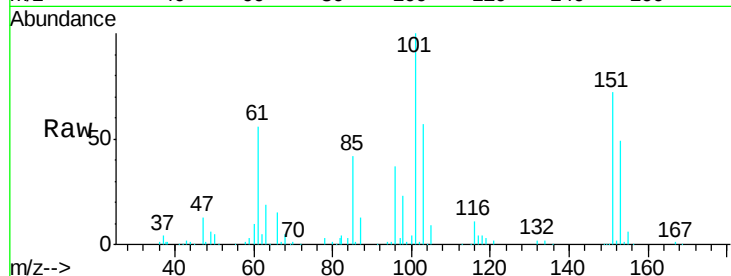
Tgt Ion:101 Resp: 137249

Ion Ratio Lower Upper

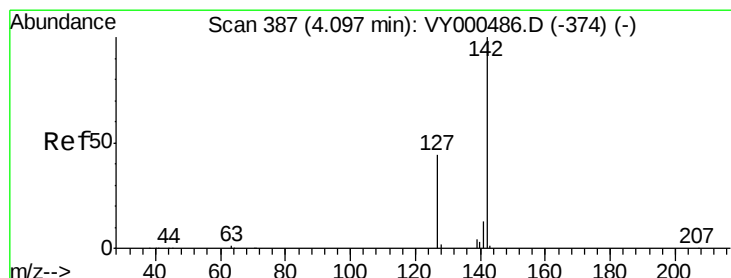
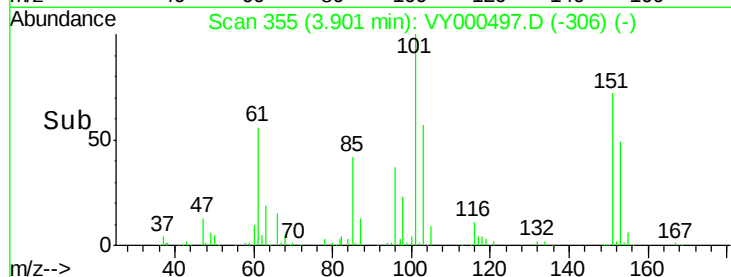
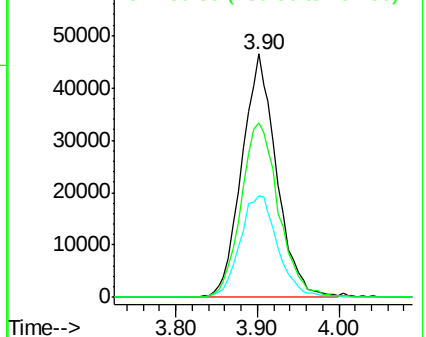
101 100

85 45.4 36.7 55.1

151 77.8 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: 51.286 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY000497.D

Acq: 31 Oct 2019 11:35

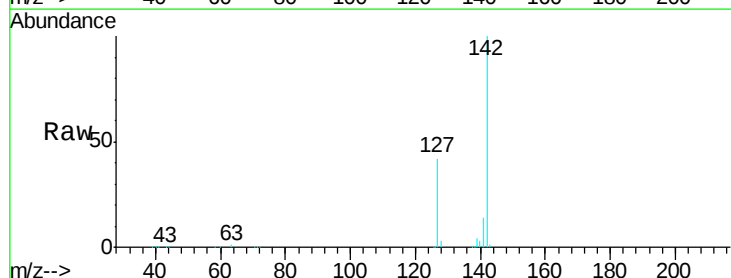
Tgt Ion:142 Resp: 184493

Ion Ratio Lower Upper

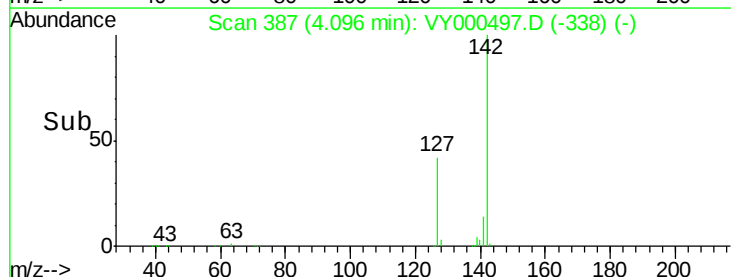
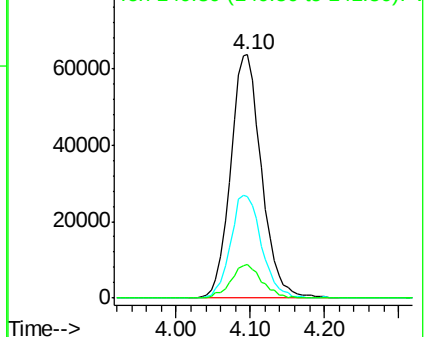
142 100

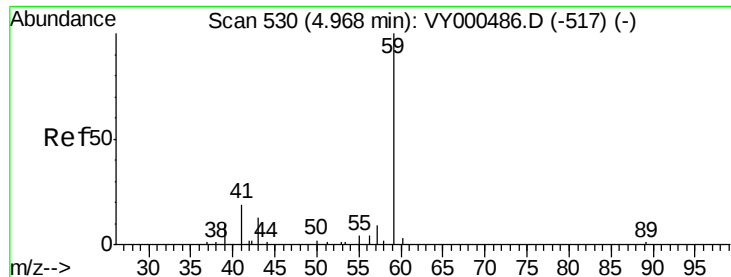
127 42.5 33.7 50.5

141 13.9 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: 256.008 ug/l

RT: 4.97 min Scan# 530

Delta R.T. -0.00 min

Lab File: VY000497.D

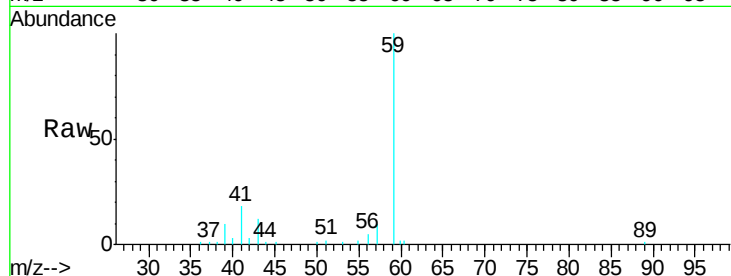
Acq: 31 Oct 2019 11:35

Tgt Ion: 59 Resp: 68437

Ion Ratio Lower Upper

59 100

57 10.4 8.6 12.8



Abundance Ion 59.00 (58.70 to 59.70): VY0

Ion 57.00 (56.70 to 57.70): VY0

4.97

20000

15000

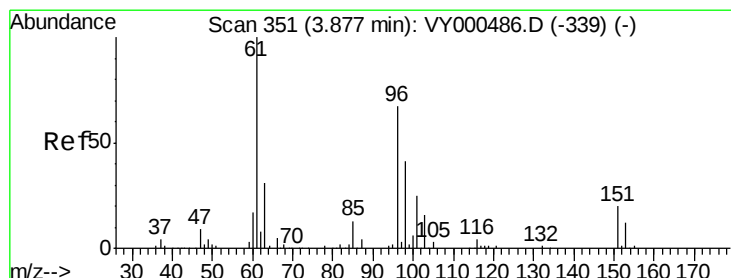
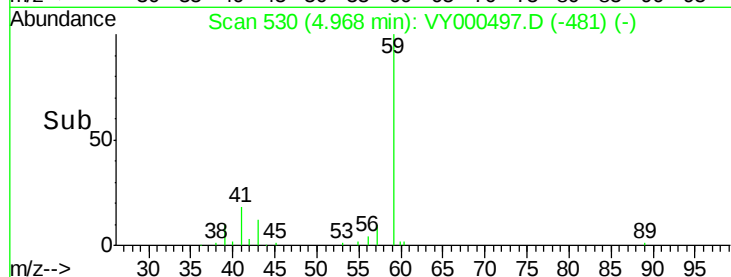
10000

5000

0

Time-->

4.80 4.90 5.00 5.10



#12

1,1-Dichloroethene

Concen: 51.679 ug/l

RT: 3.87 min Scan# 350

Delta R.T. -0.01 min

Lab File: VY000497.D

Acq: 31 Oct 2019 11:35

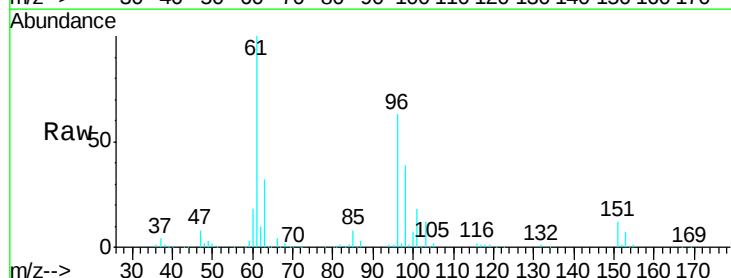
Tgt Ion: 96 Resp: 136986

Ion Ratio Lower Upper

96 100

61 157.8 119.2 178.8

98 62.0 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

3.87

100000

80000

60000

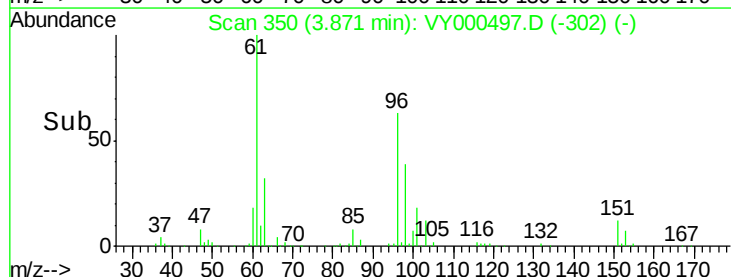
40000

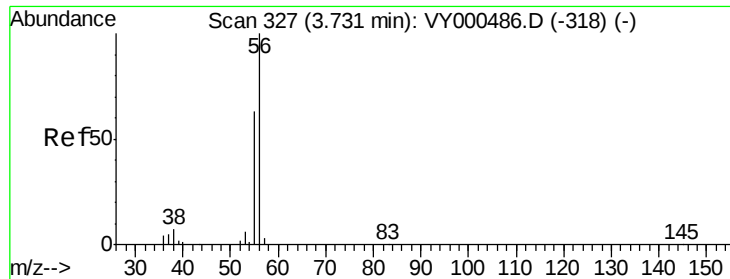
20000

0

Time-->

3.80 3.90 4.00





#13

Acrolein

Concen: 262.521 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.01 min

Lab File: VY000497.D

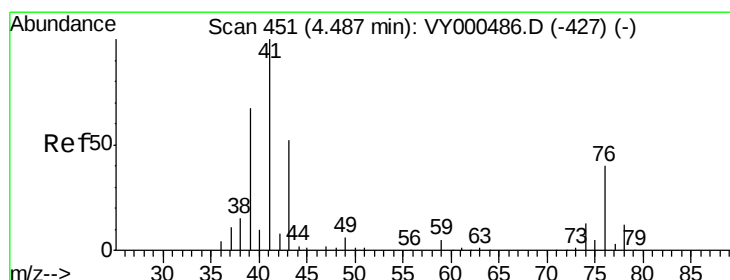
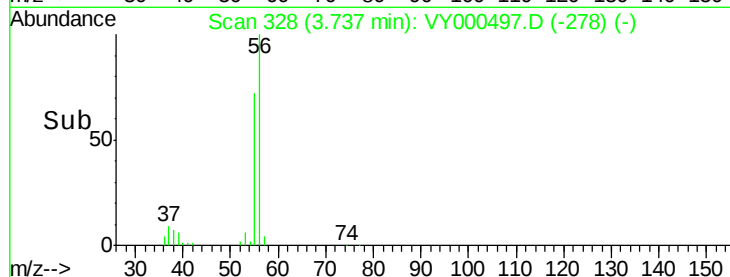
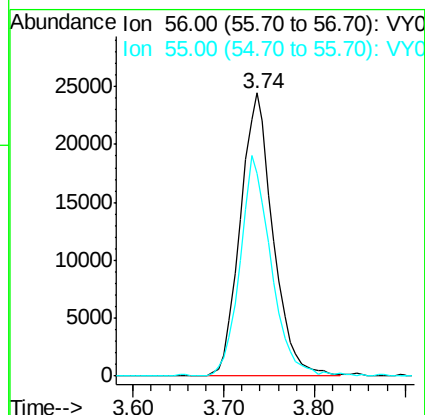
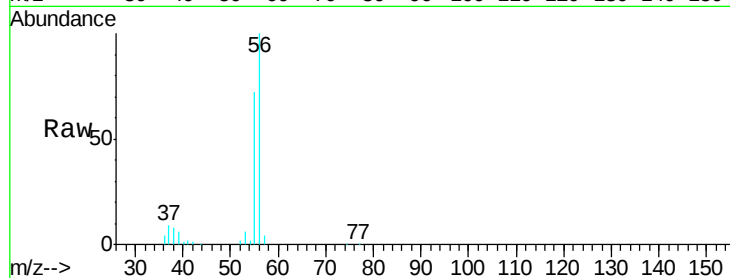
Acq: 31 Oct 2019 11:35

Tgt Ion: 56 Resp: 61129

Ion Ratio Lower Upper

56 100

55 73.7 57.0 85.6



#14

Allyl chloride

Concen: 54.997 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY000497.D

Acq: 31 Oct 2019 11:35

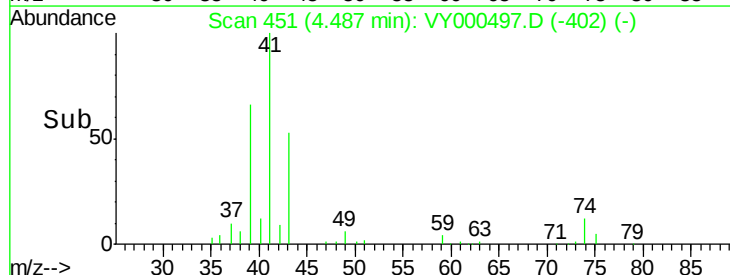
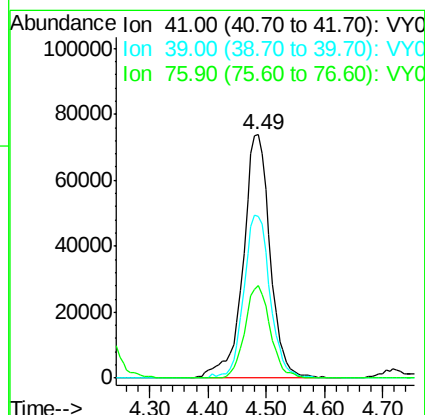
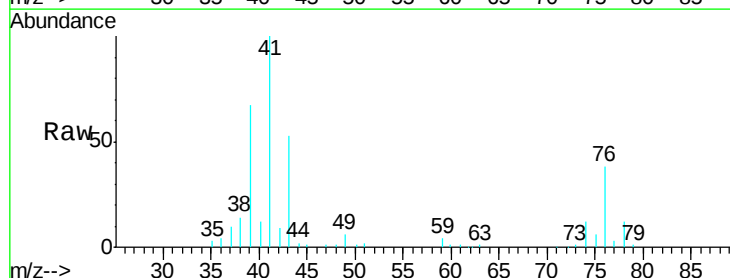
Tgt Ion: 41 Resp: 237047

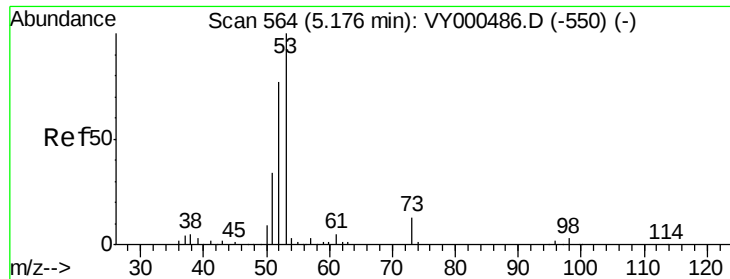
Ion Ratio Lower Upper

41 100

39 65.6 53.6 80.4

76 35.7 29.8 44.6





#15

Acrylonitrile

Concen: 264.786 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.00 min

Lab File: VY000497.D

Acq: 31 Oct 2019 11:35

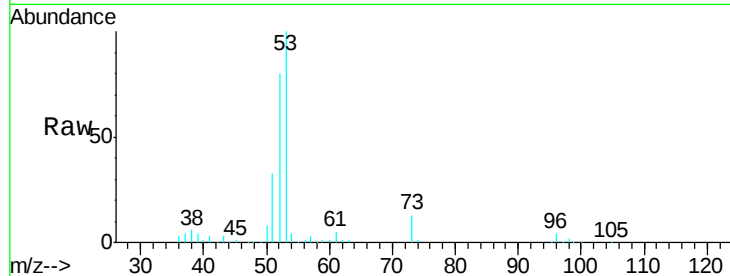
Tgt Ion: 53 Resp: 217504

Ion Ratio Lower Upper

53 100

52 81.0 64.9 97.3

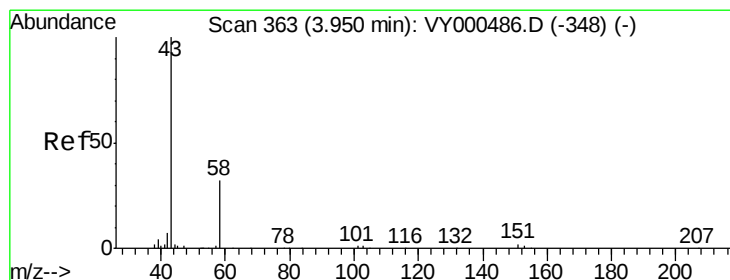
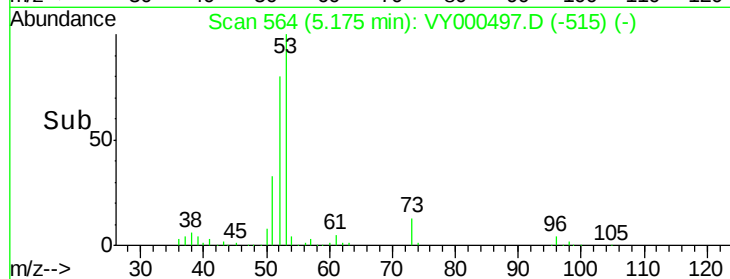
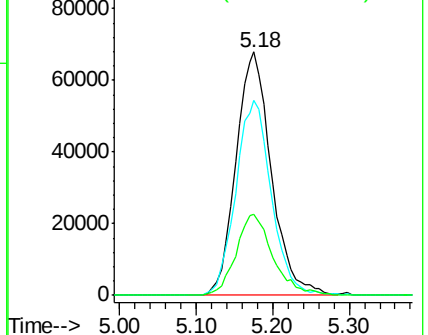
51 34.7 27.6 41.4



Abundance Ion 53.00 (52.70 to 53.70): VY000486.D (-550) (-)

Ion 52.00 (51.70 to 52.70): VY000486.D (-550) (-)

Ion 51.00 (50.70 to 51.70): VY000486.D (-550) (-)



#16

Acetone

Concen: 298.202 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY000497.D

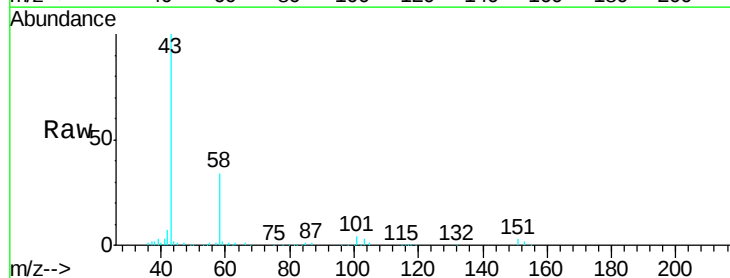
Acq: 31 Oct 2019 11:35

Tgt Ion: 43 Resp: 225703

Ion Ratio Lower Upper

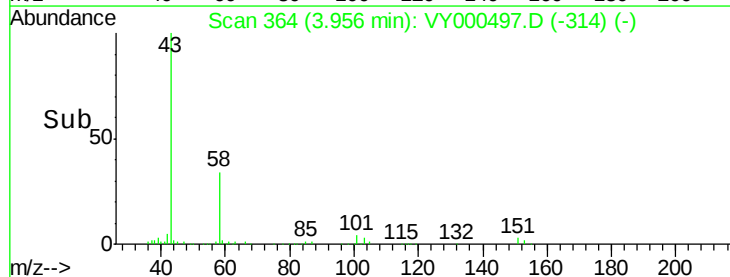
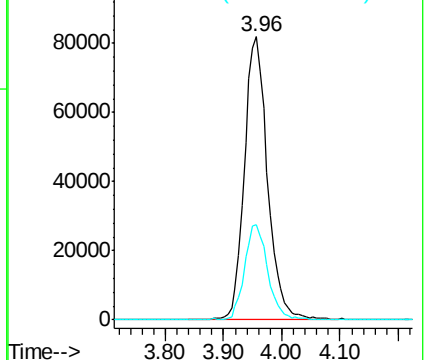
43 100

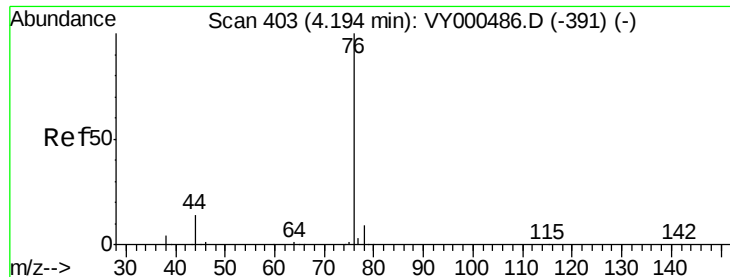
58 33.7 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VY000486.D (-348) (-)

Ion 58.00 (57.70 to 58.70): VY000486.D (-348) (-)





#17

Carbon Disulfide

Concen: 52.496 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.01 min

Lab File: VY000497.D

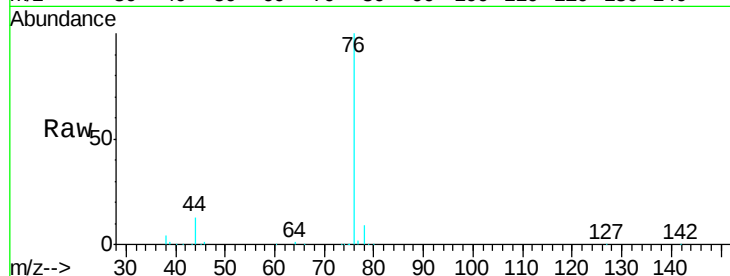
Acq: 31 Oct 2019 11:35

Tgt Ion: 76 Resp: 438884

Ion Ratio Lower Upper

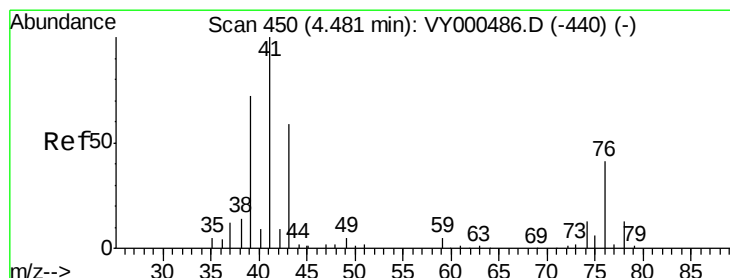
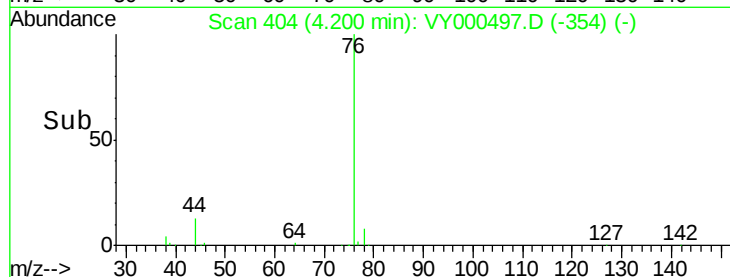
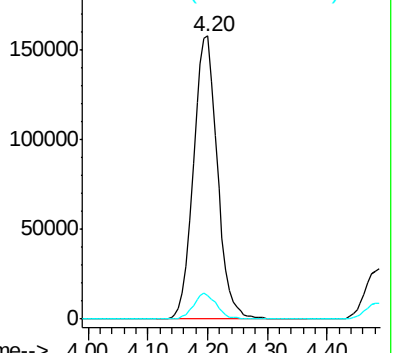
76 100

78 8.5 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 50.634 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.00 min

Lab File: VY000497.D

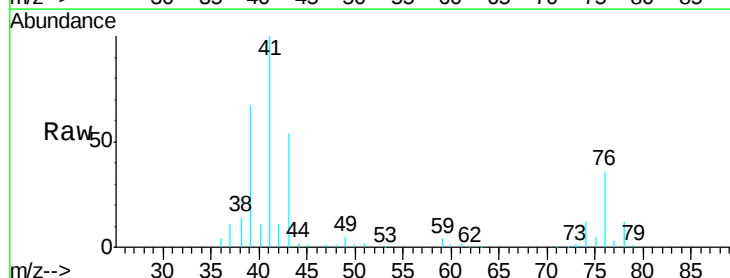
Acq: 31 Oct 2019 11:35

Tgt Ion: 43 Resp: 119162

Ion Ratio Lower Upper

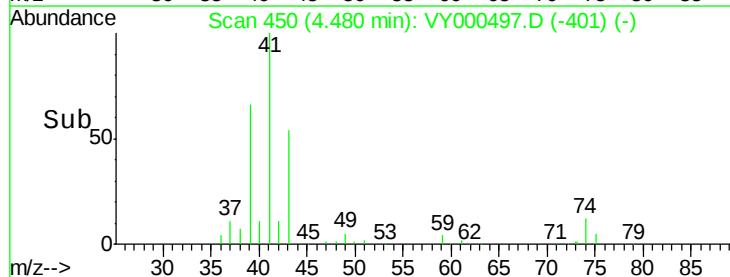
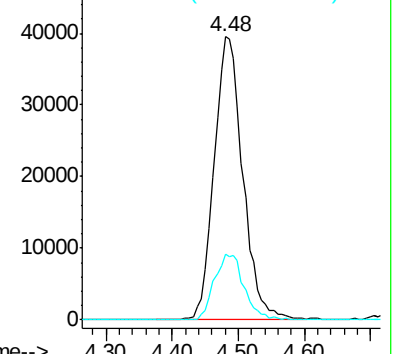
43 100

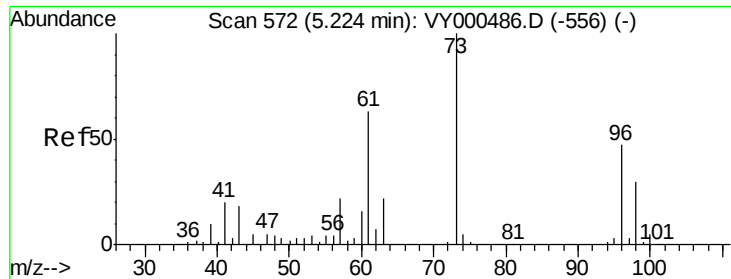
74 23.9 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

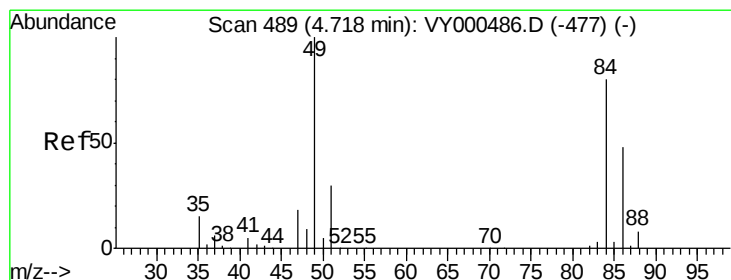
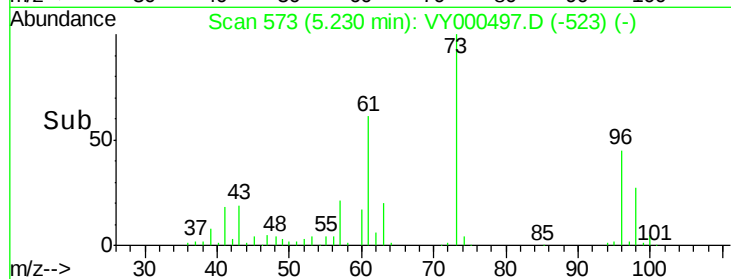
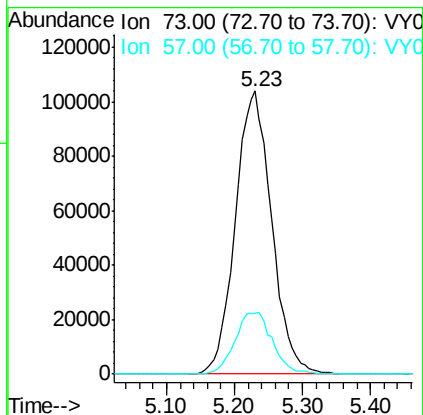
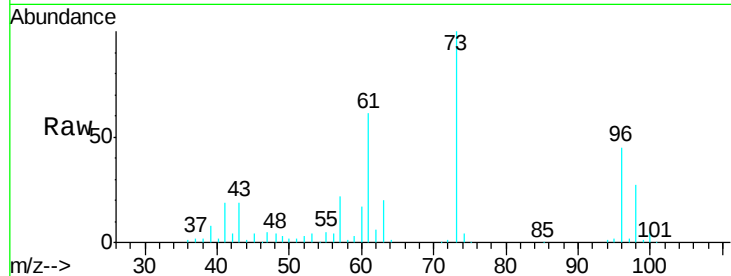
Ion 74.00 (73.70 to 74.70): VY0





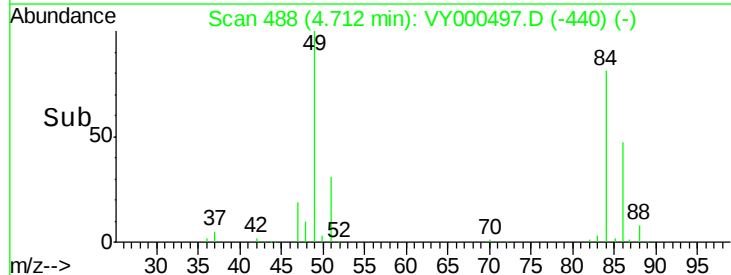
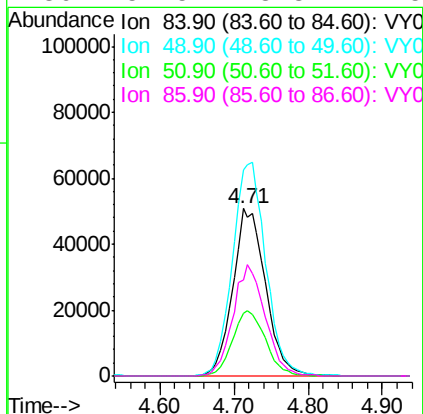
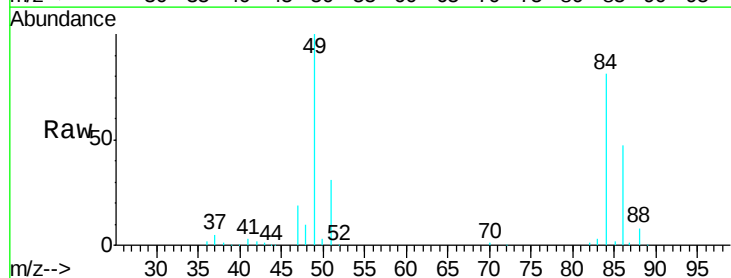
#19
Methyl tert-butyl Ether
Concen: 52.179 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.01 min
Lab File: VY000497.D
Acq: 31 Oct 2019 11:35

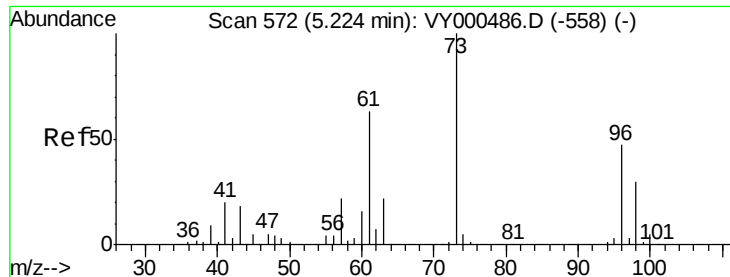
Tgt Ion: 73 Resp: 384555
Ion Ratio Lower Upper
73 100
57 21.6 17.4 26.0



#20
Methylene Chloride
Concen: 48.395 ug/l
RT: 4.71 min Scan# 488
Delta R.T. -0.01 min
Lab File: VY000497.D
Acq: 31 Oct 2019 11:35

Tgt Ion: 84 Resp: 156951
Ion Ratio Lower Upper
84 100
49 122.9 100.2 150.4
51 37.7 29.6 44.4
86 57.5 48.3 72.5





#21

trans-1,2-Dichloroethene

Concen: 51.728 ug/l

RT: 5.22 min Scan# 571

Delta R.T. -0.01 min

Lab File: VY000497.D

Acq: 31 Oct 2019 11:35

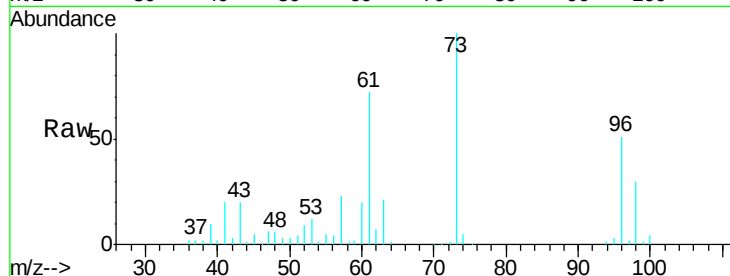
Tgt Ion: 96 Resp: 155013

Ion Ratio Lower Upper

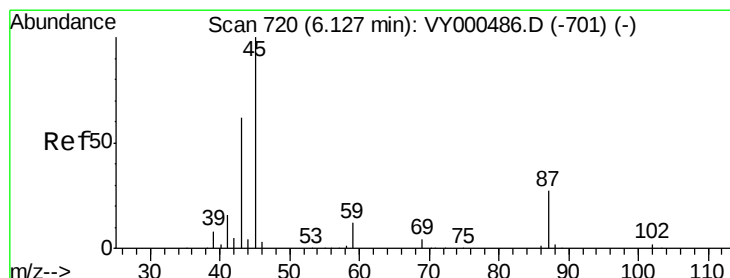
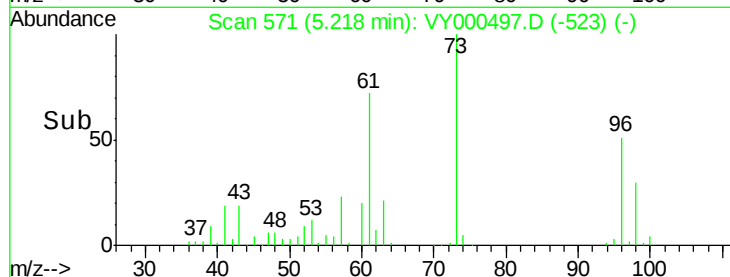
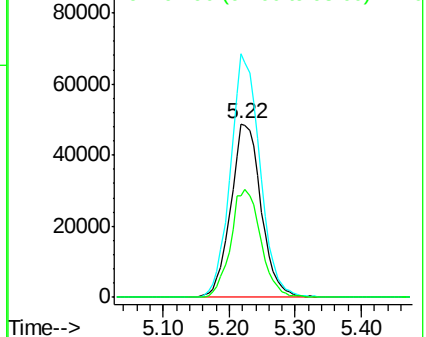
96 100

61 140.4 106.6 160.0

98 58.9 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: 54.385 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.00 min

Lab File: VY000497.D

Acq: 31 Oct 2019 11:35

Tgt Ion: 45 Resp: 509499

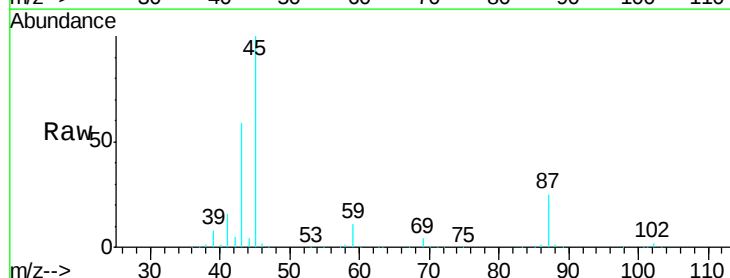
Ion Ratio Lower Upper

45 100

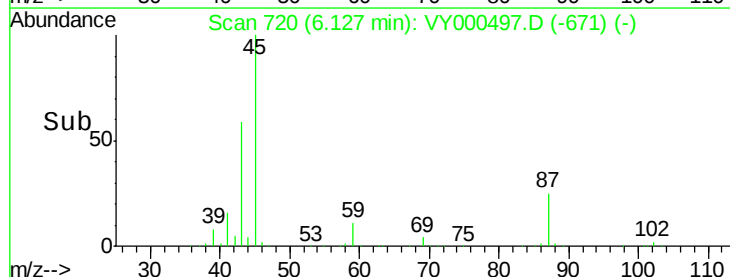
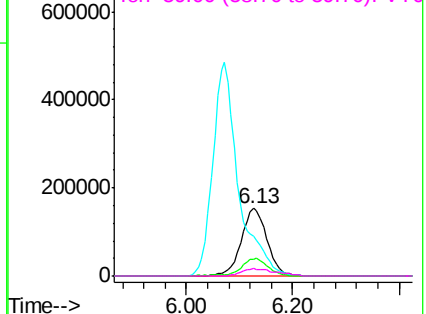
43 59.2 50.0 75.0

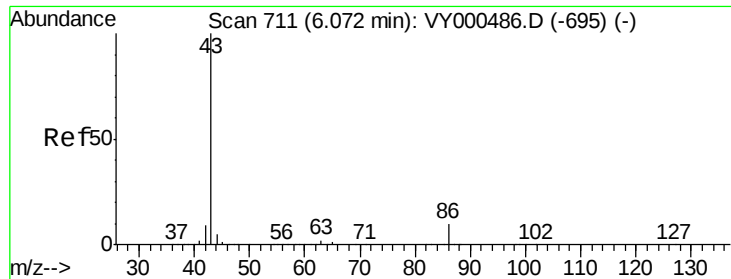
87 24.9 21.6 32.4

59 11.4 9.5 14.3



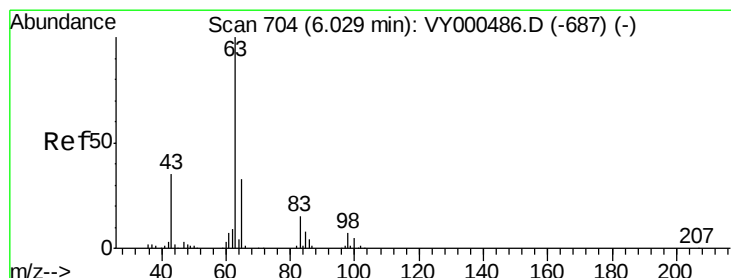
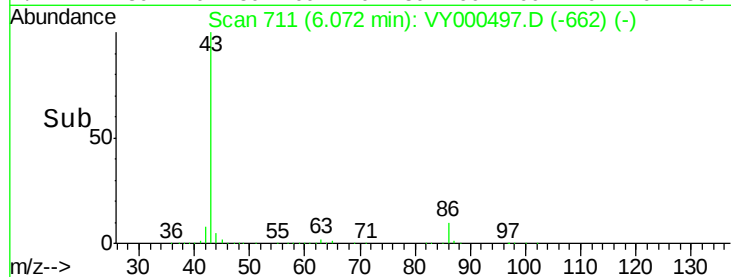
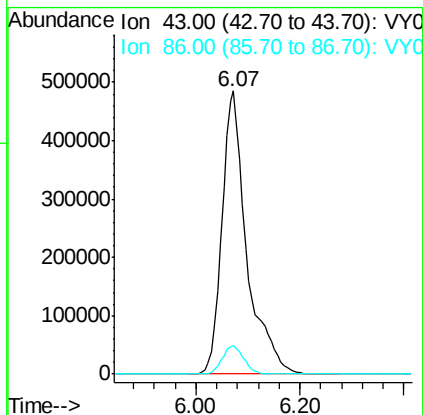
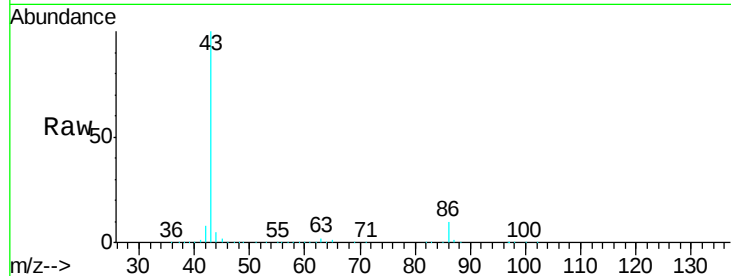
Abundance Ion 45.00 (44.70 to 45.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 87.00 (86.70 to 87.70): VY0
Ion 59.00 (58.70 to 59.70): VY0





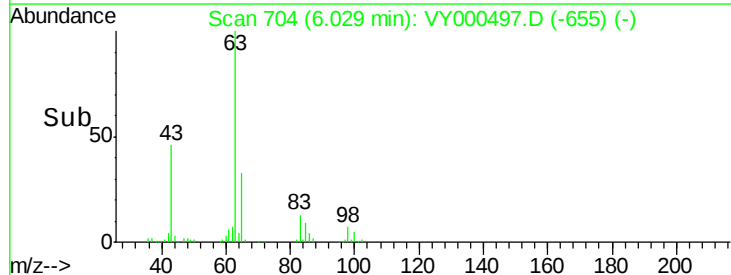
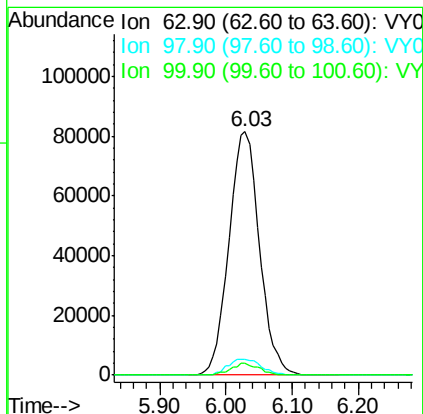
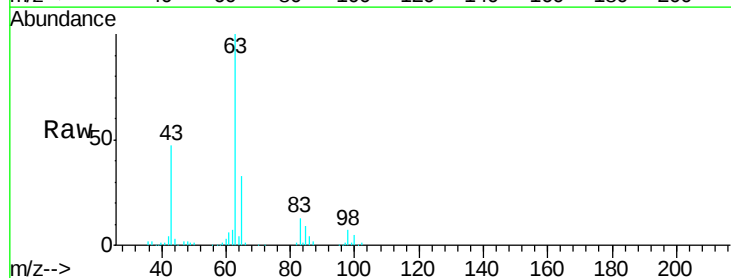
#23
 Vinyl Acetate
 Concen: 273.995 ug/l
 RT: 6.07 min Scan# 711
 Delta R.T. -0.00 min
 Lab File: VY000497.D
 Acq: 31 Oct 2019 11:35

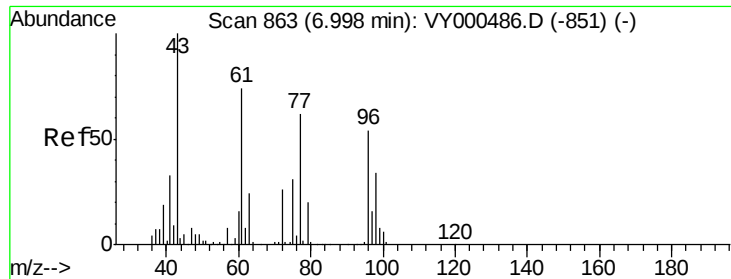
Tgt Ion: 43 Resp: 1620362
 Ion Ratio Lower Upper
 43 100
 86 10.1 7.8 11.6



#24
 1,1-Dichloroethane
 Concen: 51.372 ug/l
 RT: 6.03 min Scan# 704
 Delta R.T. -0.00 min
 Lab File: VY000497.D
 Acq: 31 Oct 2019 11:35

Tgt Ion: 63 Resp: 260725
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.5 10.6
 100 4.8 2.4 7.1





#25

2-Butanone

Concen: 275.638 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.00 min

Lab File: VY000497.D

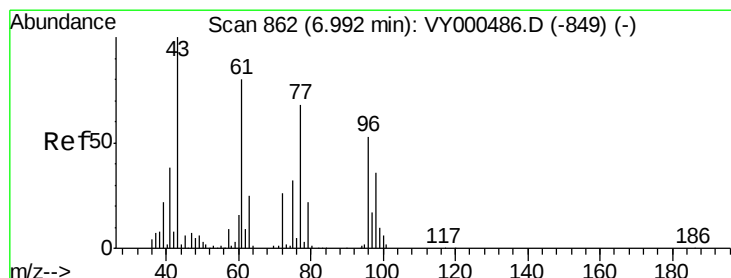
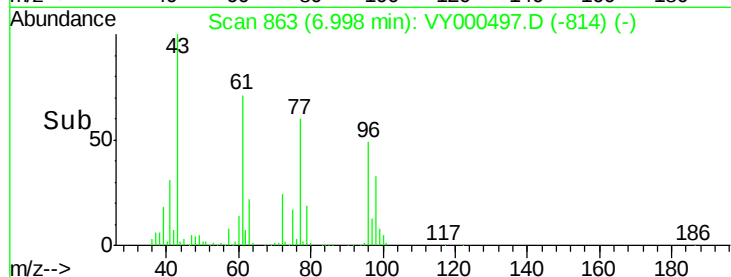
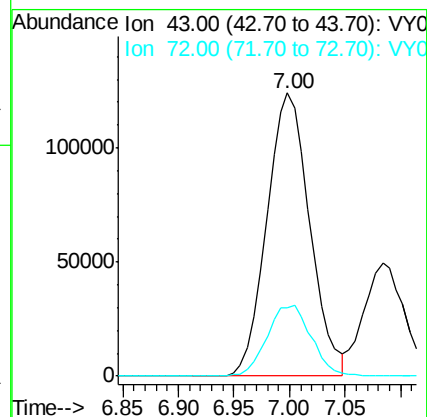
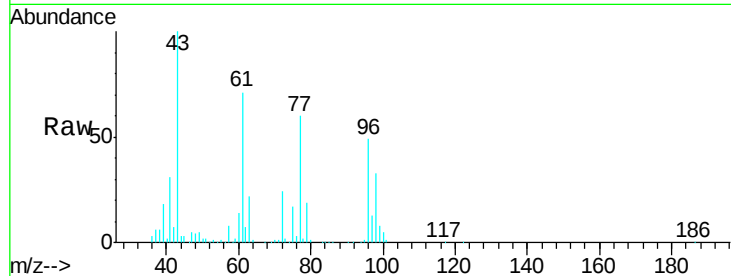
Acq: 31 Oct 2019 11:35

Tgt Ion: 43 Resp: 332951

Ion Ratio Lower Upper

43 100

72 24.1 20.9 31.3



#26

2,2-Dichloropropane

Concen: 50.839 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY000497.D

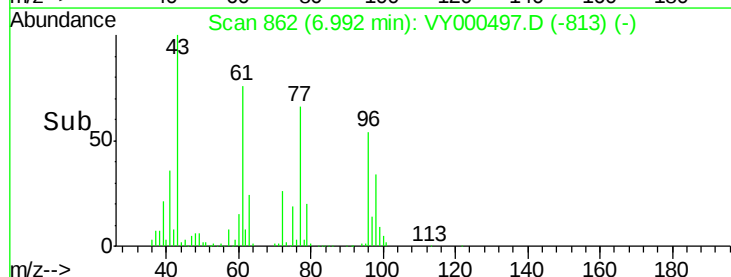
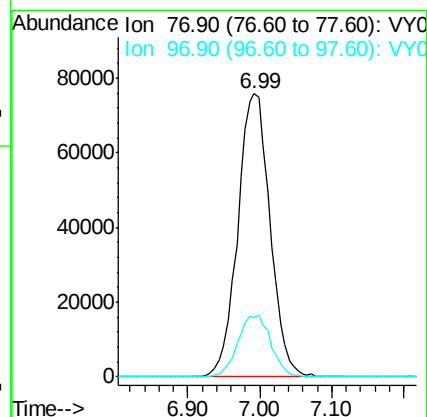
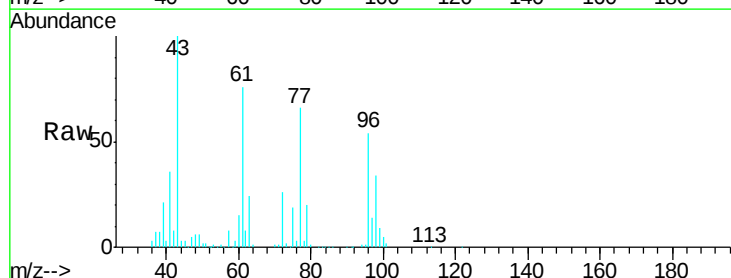
Acq: 31 Oct 2019 11:35

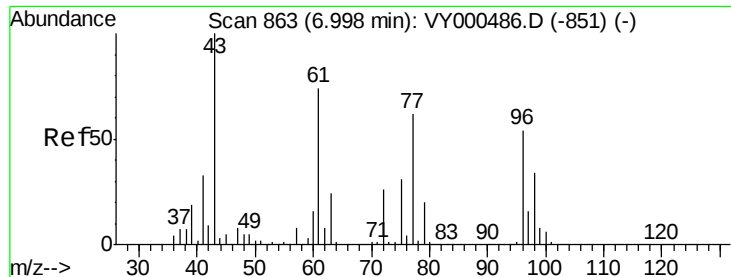
Tgt Ion: 77 Resp: 235795

Ion Ratio Lower Upper

77 100

97 22.5 11.8 35.4

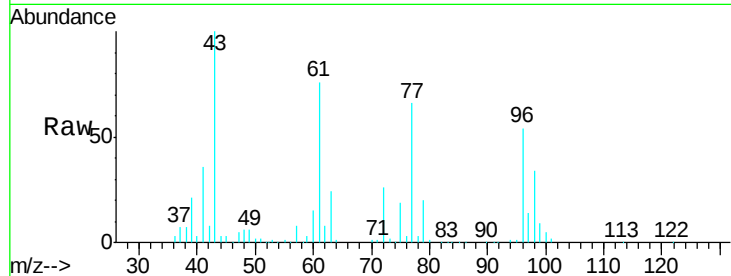




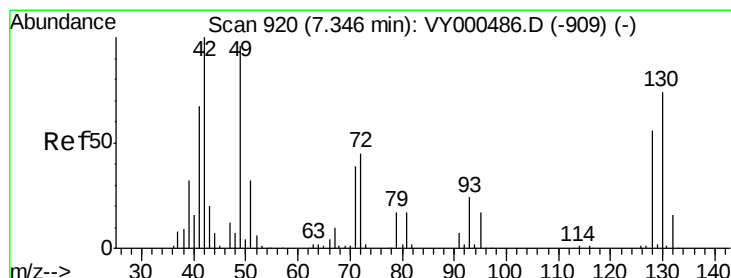
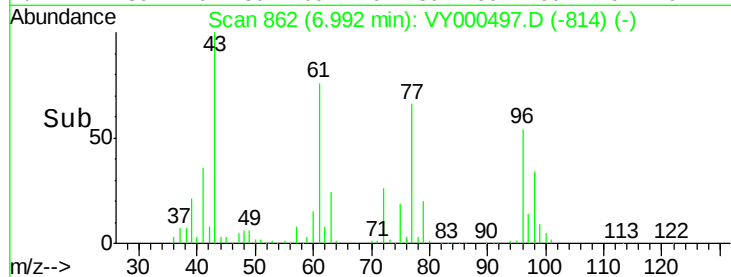
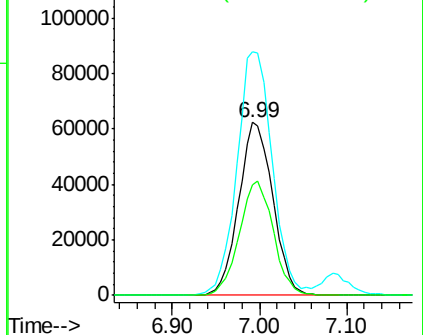
#27

cis-1,2-Dichloroethene
Concen: 51.695 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY000497.D
Acq: 31 Oct 2019 11:35

Tgt Ion	Ratio	Lower	Upper
96	100		
61	146.2	0.0	287.0
98	65.4	0.0	129.4



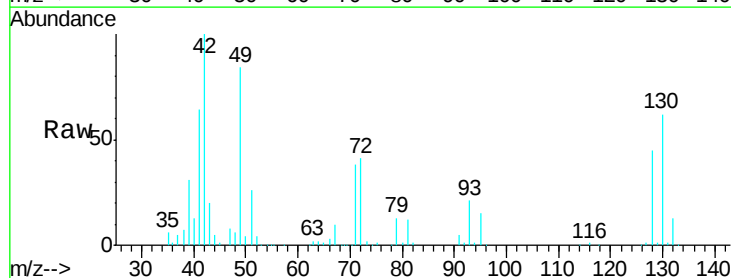
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



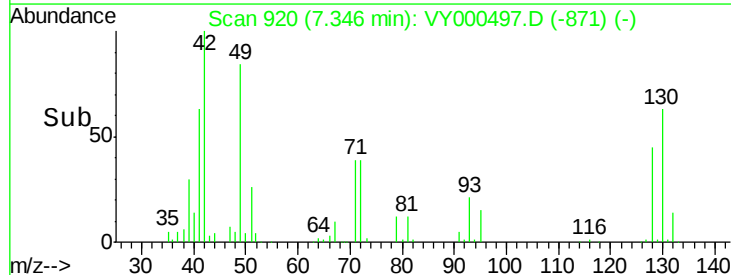
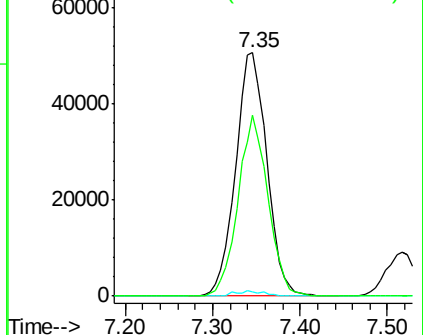
#28

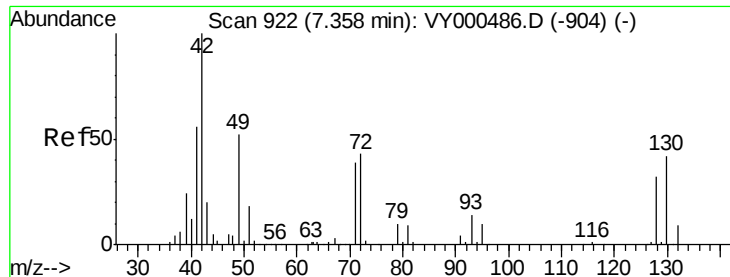
Bromochloromethane
Concen: 53.981 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.00 min
Lab File: VY000497.D
Acq: 31 Oct 2019 11:35

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.6
130	71.0	59.4	89.0



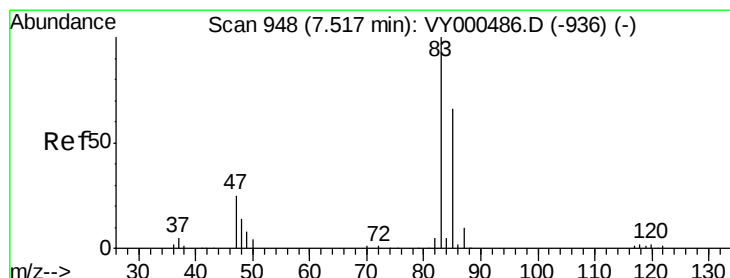
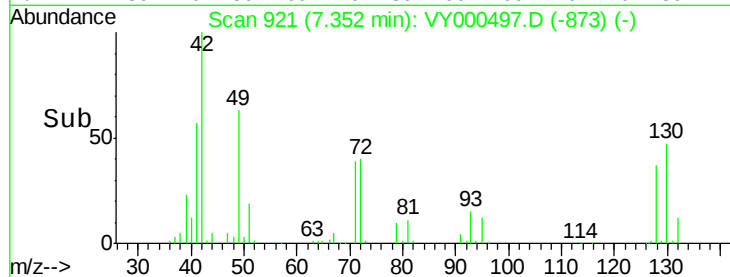
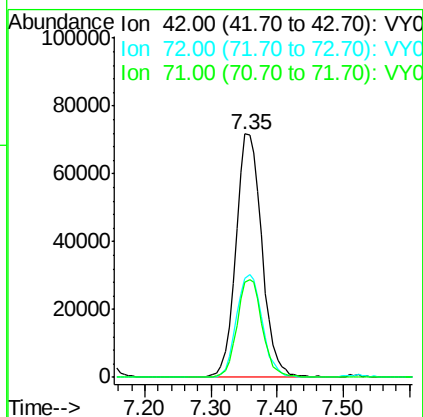
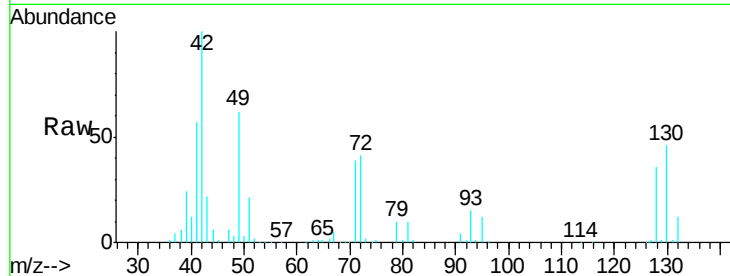
Abundance Ion 48.90 (48.60 to 49.60): VY0
Ion 128.80 (128.50 to 129.50): VY0
Ion 129.80 (129.50 to 130.50): VY0





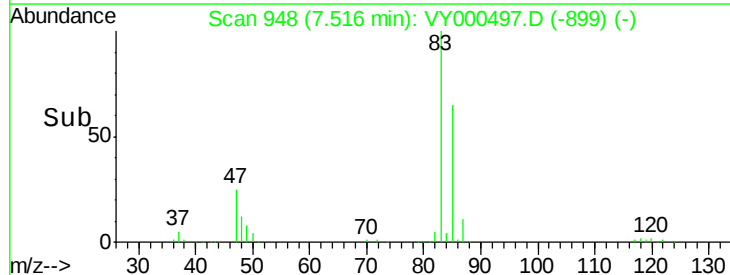
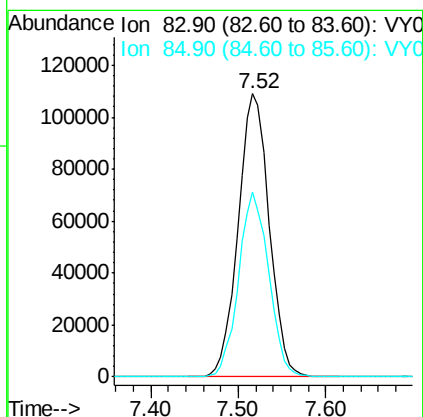
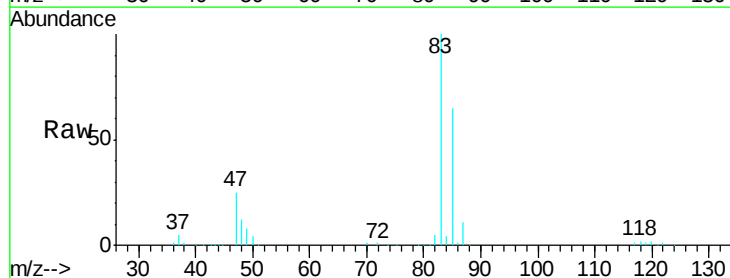
#29
Tetrahydrofuran
Concen: 264.308 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.01 min
Lab File: VY000497.D
Acq: 31 Oct 2019 11:35

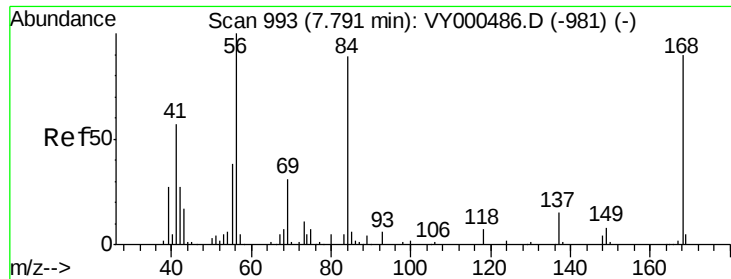
Tgt Ion: 42 Resp: 195315
Ion Ratio Lower Upper
42 100
72 42.0 34.0 51.0
71 38.8 30.8 46.2



#30
Chloroform
Concen: 52.350 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.00 min
Lab File: VY000497.D
Acq: 31 Oct 2019 11:35

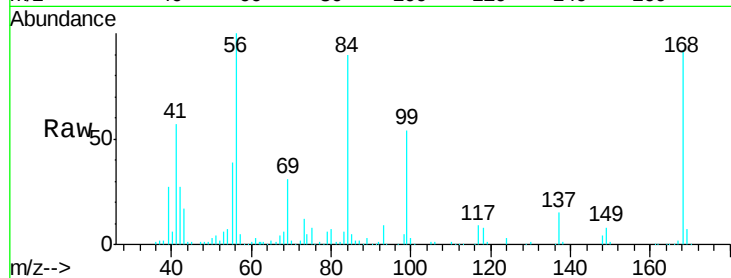
Tgt Ion: 83 Resp: 268775
Ion Ratio Lower Upper
83 100
85 65.2 53.0 79.4



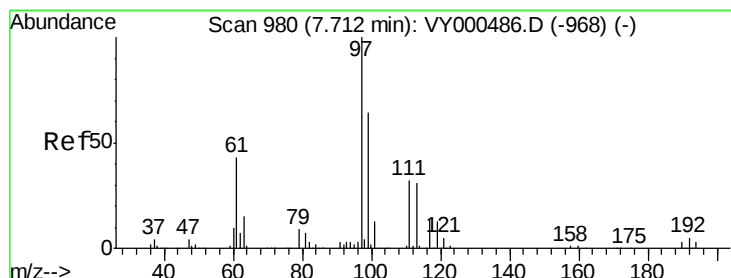
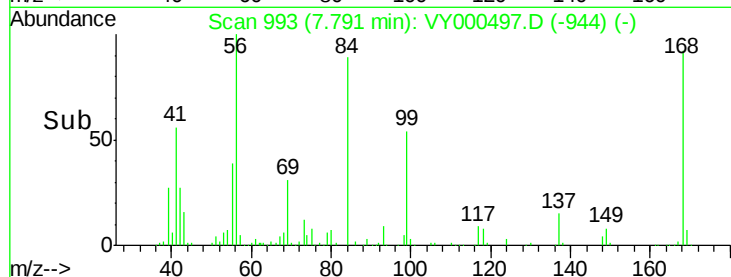
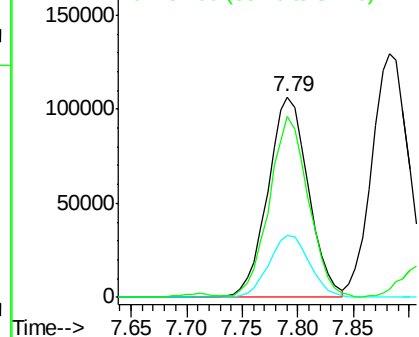


#31
Cyclohexane
Concen: 50.834 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.00 min
Lab File: VY000497.D
Acq: 31 Oct 2019 11:35

Tgt Ion: 56 Resp: 270218
Ion Ratio Lower Upper
56 100
69 31.0 25.0 37.6
84 88.8 71.4 107.2

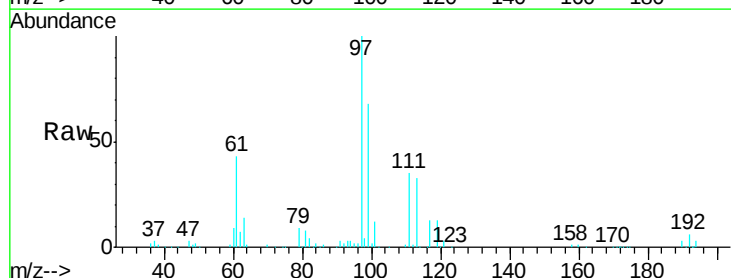


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

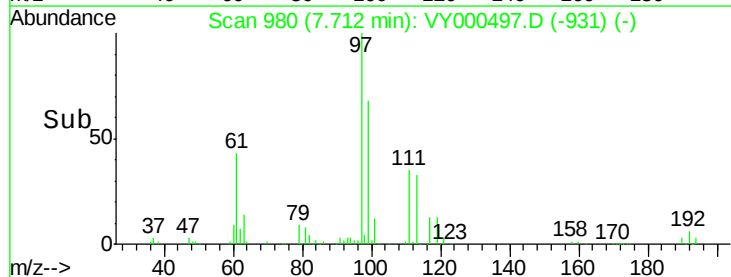
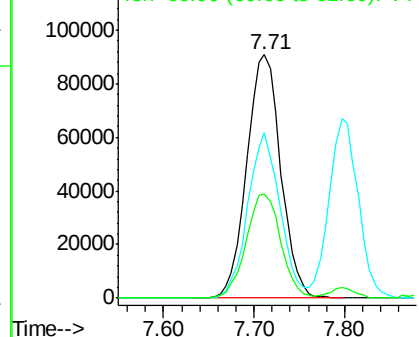


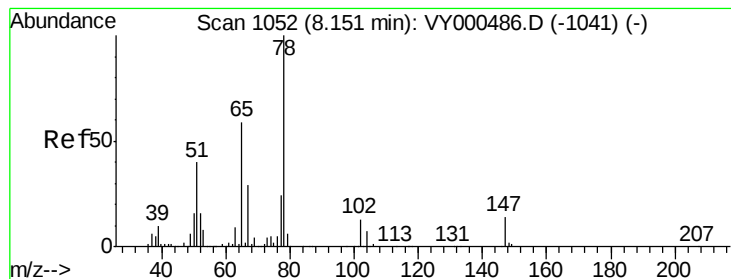
#32
1,1,1-Trichloroethane
Concen: 51.488 ug/l
RT: 7.71 min Scan# 980
Delta R.T. -0.00 min
Lab File: VY000497.D
Acq: 31 Oct 2019 11:35

Tgt Ion: 97 Resp: 235595
Ion Ratio Lower Upper
97 100
99 64.9 50.9 76.3
61 43.6 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: 53.733 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY000497.D

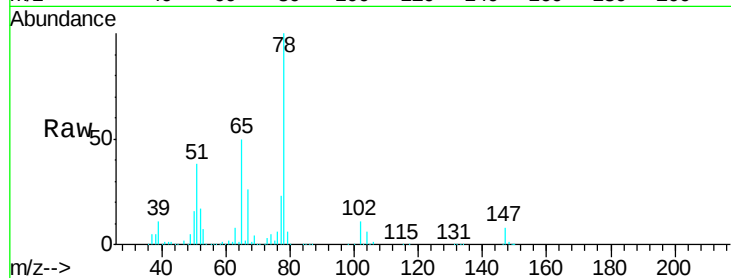
Acq: 31 Oct 2019 11:35

Tgt Ion: 65 Resp: 147561

Ion Ratio Lower Upper

65 100

67 53.4 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0

8.15

60000

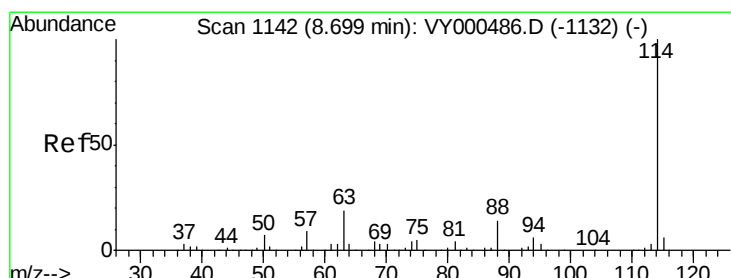
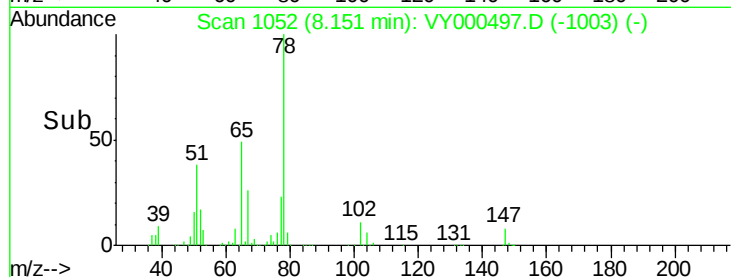
40000

20000

0

Time-->

8.05 8.10 8.15 8.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.00 min

Lab File: VY000497.D

Acq: 31 Oct 2019 11:35

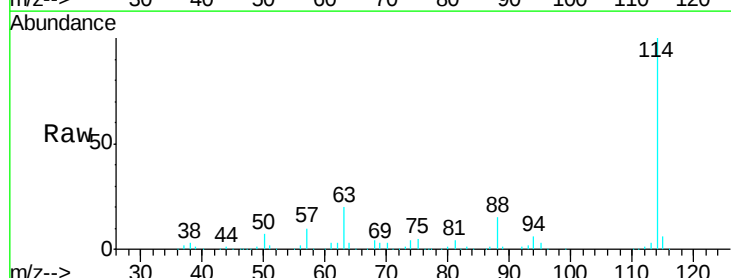
Tgt Ion: 114 Resp: 443888

Ion Ratio Lower Upper

114 100

63 19.9 0.0 38.0

88 15.5 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

8.70

300000

250000

200000

150000

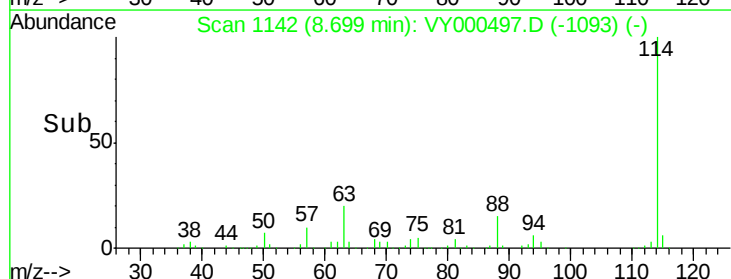
100000

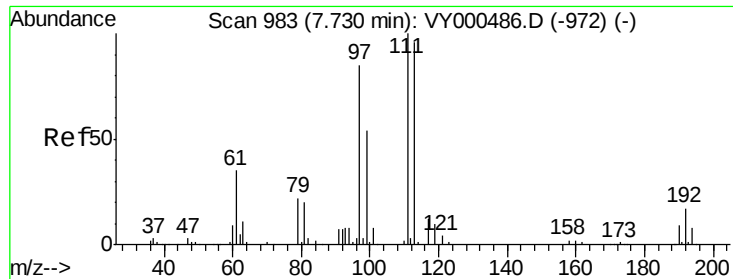
50000

0

Time-->

8.60 8.70 8.80





#35

Dibromofluoromethane

Concen: 50.296 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY000497.D

Acq: 31 Oct 2019 11:35

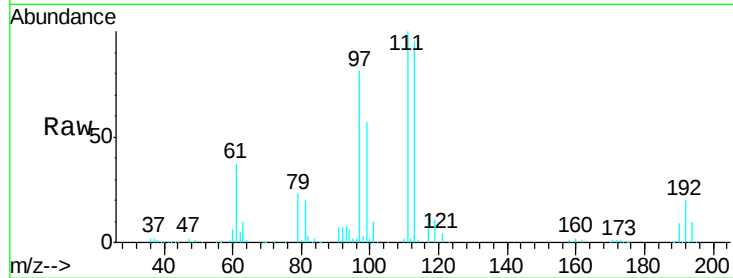
Tgt Ion: 113 Resp: 131067

Ion Ratio Lower Upper

113 100

111 103.2 81.7 122.5

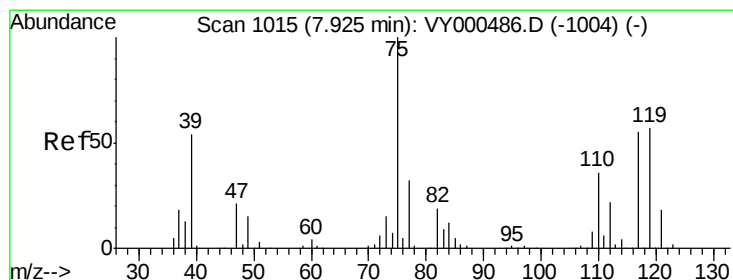
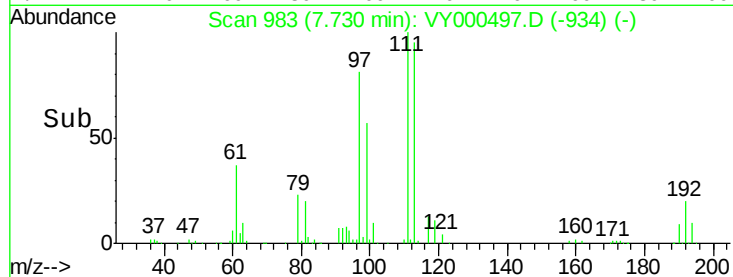
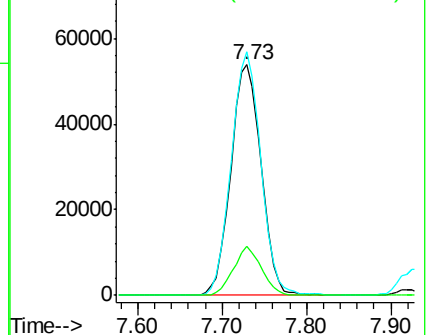
192 19.5 15.0 22.4



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: 51.906 ug/l

RT: 7.92 min Scan# 1015

Delta R.T. -0.00 min

Lab File: VY000497.D

Acq: 31 Oct 2019 11:35

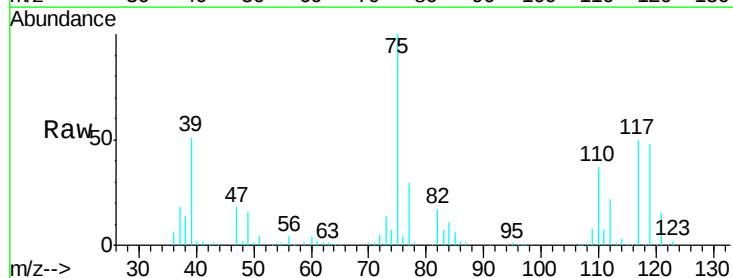
Tgt Ion: 75 Resp: 217815

Ion Ratio Lower Upper

75 100

110 35.0 18.1 54.1

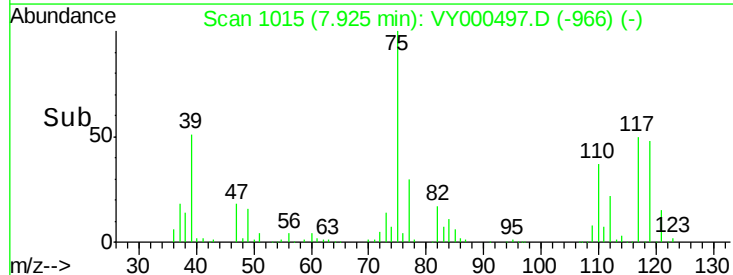
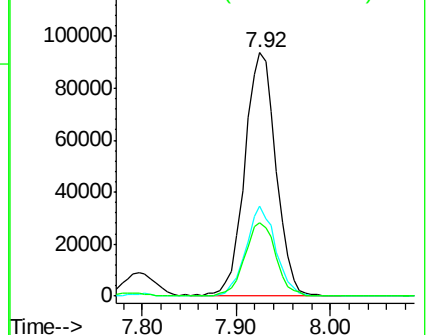
77 30.1 25.0 37.6

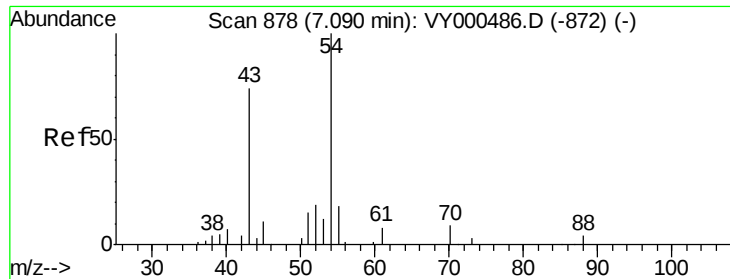


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

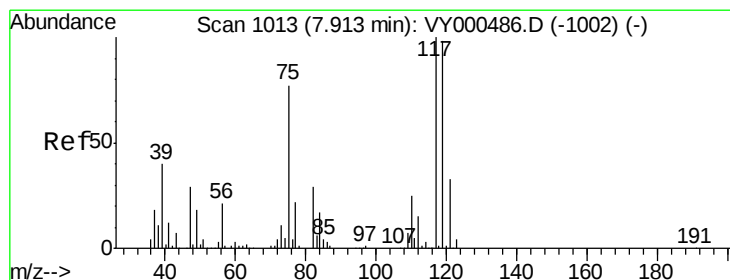
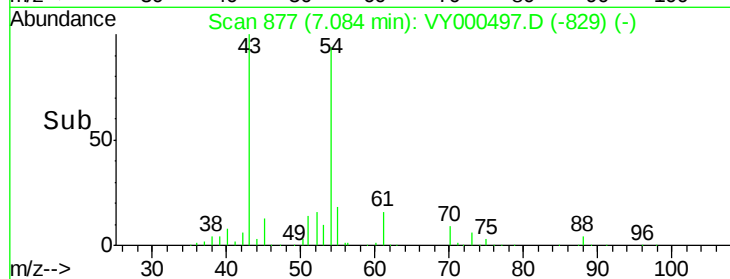
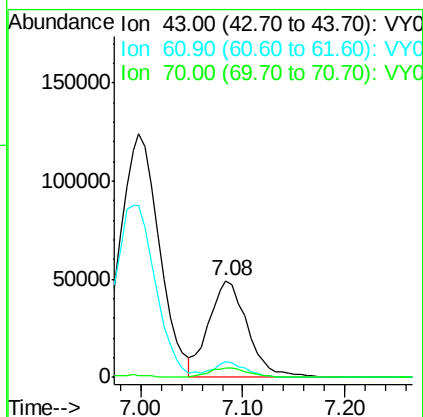
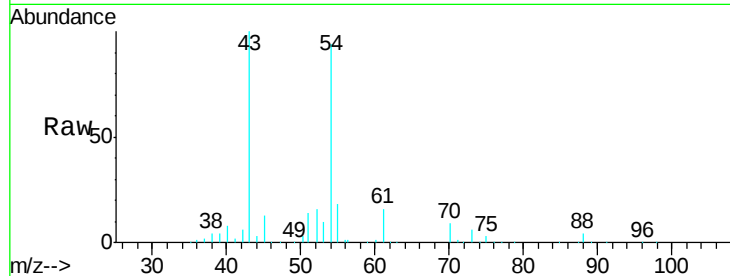
Ion 76.90 (76.60 to 77.60): VY0





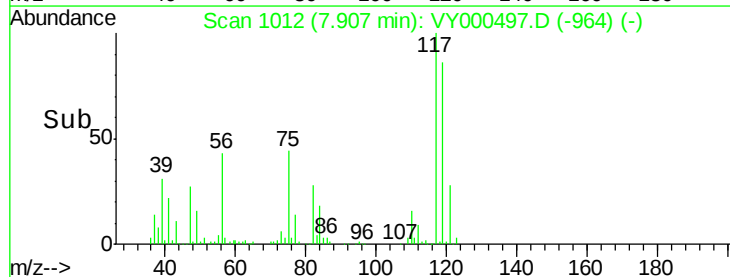
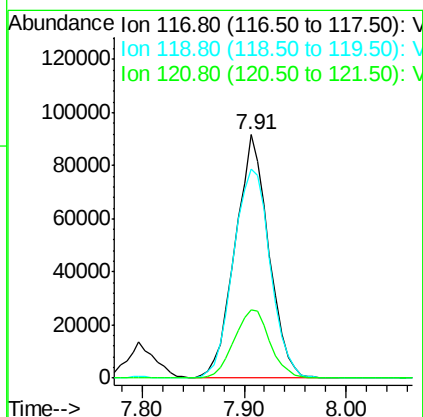
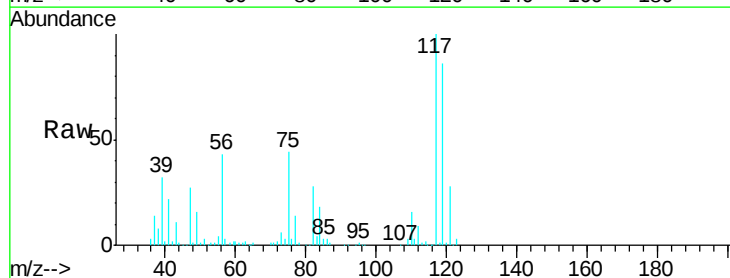
#37
Ethyl Acetate
Concen: 51.806 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY000497.D
Acq: 31 Oct 2019 11:35

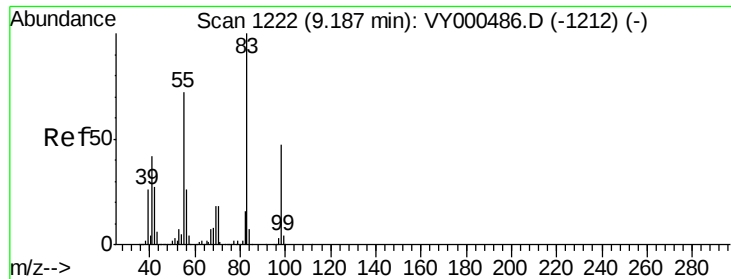
Tgt Ion: 43 Resp: 129068
Ion Ratio Lower Upper
43 100
61 13.6 10.2 15.2
70 10.0 7.8 11.8



#38
Carbon Tetrachloride
Concen: 51.794 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY000497.D
Acq: 31 Oct 2019 11:35

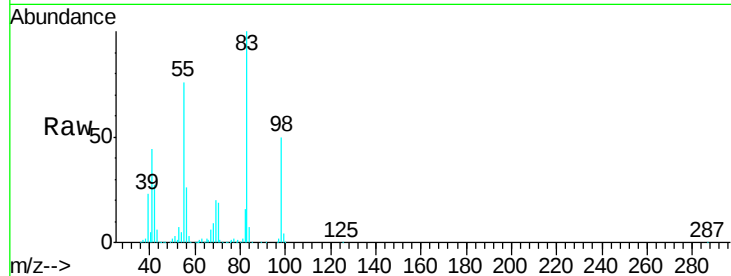
Tgt Ion: 117 Resp: 209133
Ion Ratio Lower Upper
117 100
119 86.0 78.0 117.0
121 27.8 26.6 40.0



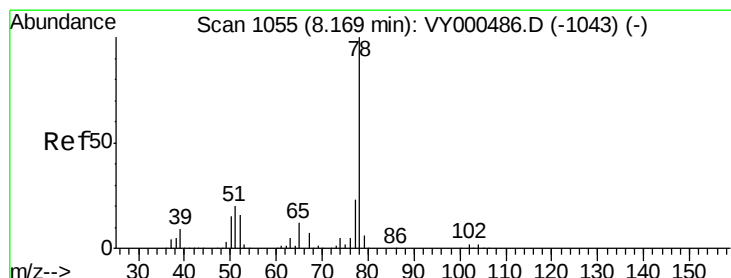
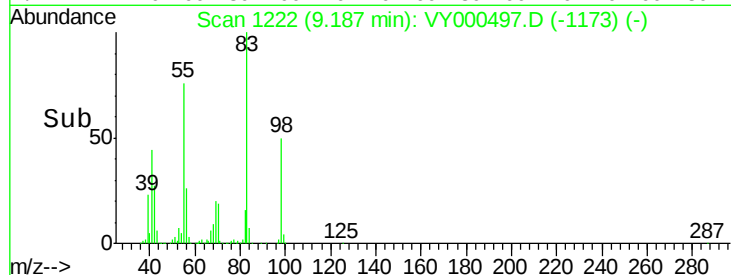
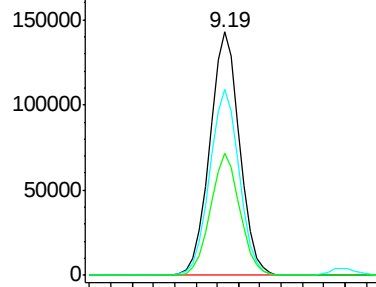


#39
Methylcyclohexane
Concen: 51.655 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY000497.D
Acq: 31 Oct 2019 11:35

Tgt Ion: 83 Resp: 280036
Ion Ratio Lower Upper
83 100
55 76.4 57.5 86.3
98 50.2 38.0 57.0

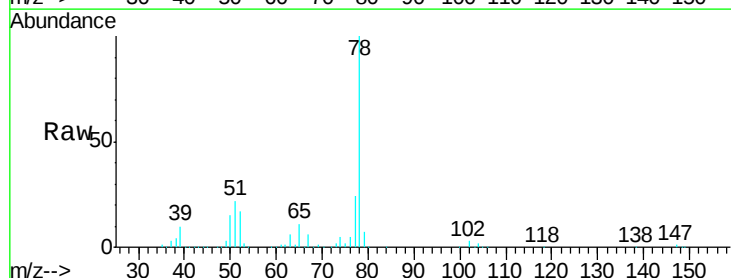


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

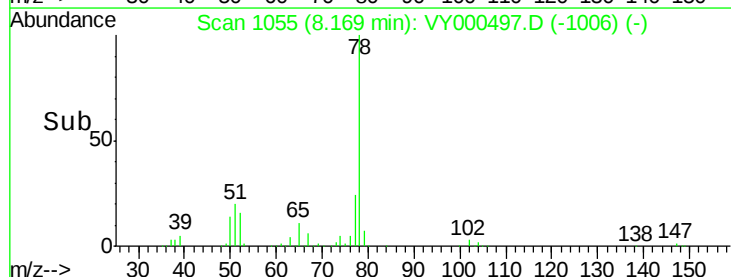
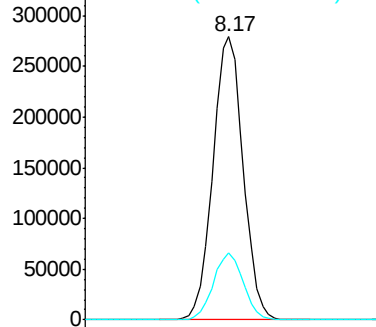


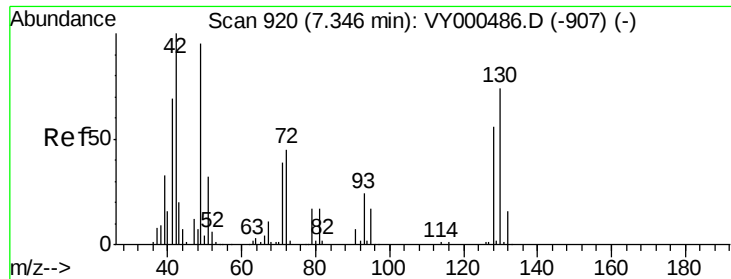
#40
Benzene
Concen: 50.793 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY000497.D
Acq: 31 Oct 2019 11:35

Tgt Ion: 78 Resp: 624886
Ion Ratio Lower Upper
78 100
77 23.7 18.6 28.0



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





#41

Methacrylonitrile

Concen: 41.765 ug/l m

RT: 7.33 min Scan# 917

Delta R.T. -0.02 min

Lab File: VY000497.D

Acq: 31 Oct 2019 11:35

Tgt Ion: 41 Resp: 58046

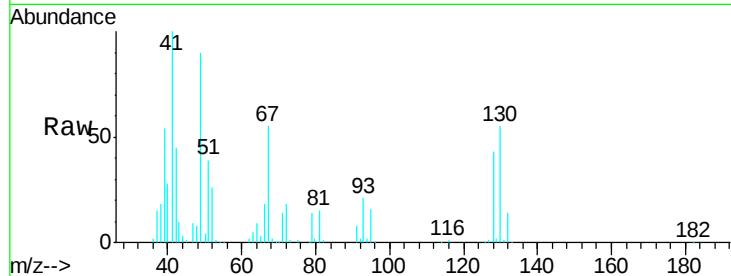
Ion Ratio Lower Upper

41 100

39 0.0 68.2 102.4#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

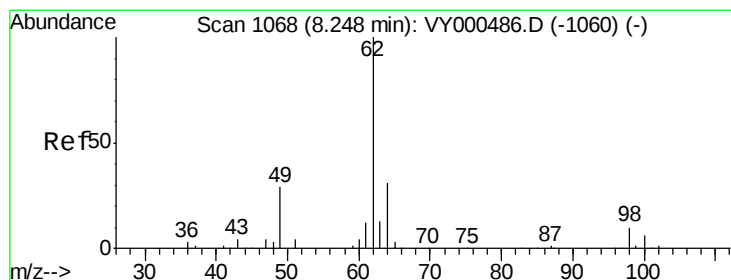
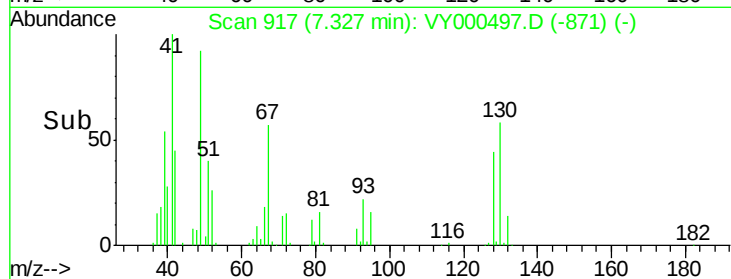
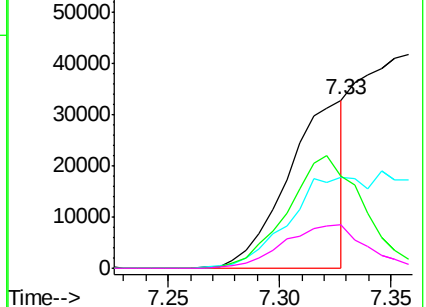


Abundance Ion 41.00 (40.70 to 41.70): VY0

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: 51.992 ug/l

RT: 8.25 min Scan# 1068

Delta R.T. -0.00 min

Lab File: VY000497.D

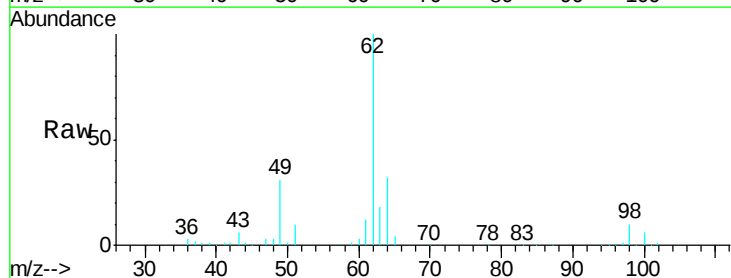
Acq: 31 Oct 2019 11:35

Tgt Ion: 62 Resp: 181418

Ion Ratio Lower Upper

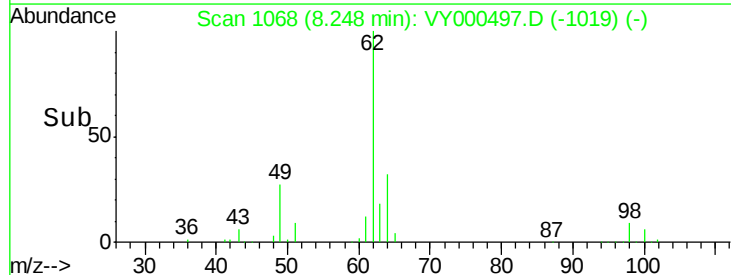
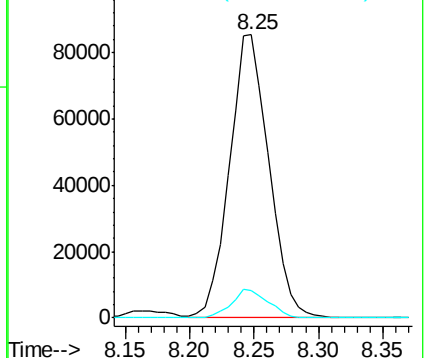
62 100

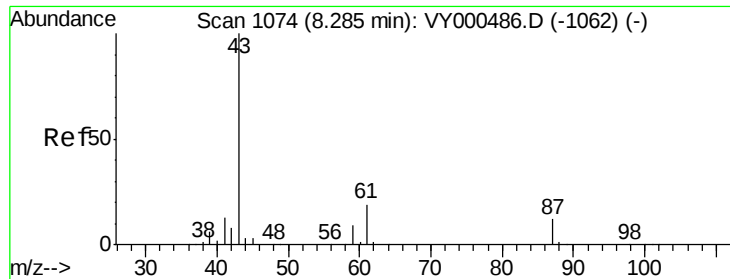
98 9.5 0.0 19.2



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 53.253 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VY000497.D

Acq: 31 Oct 2019 11:35

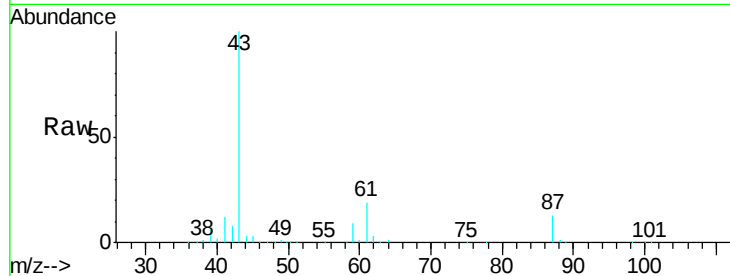
Tgt Ion: 43 Resp: 249227

Ion Ratio Lower Upper

43 100

61 28.0 23.0 34.4

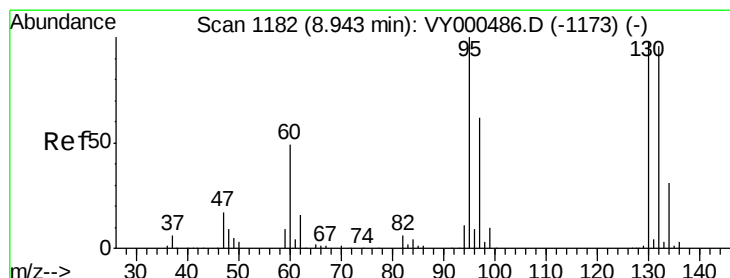
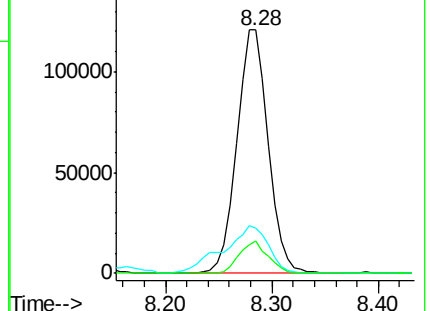
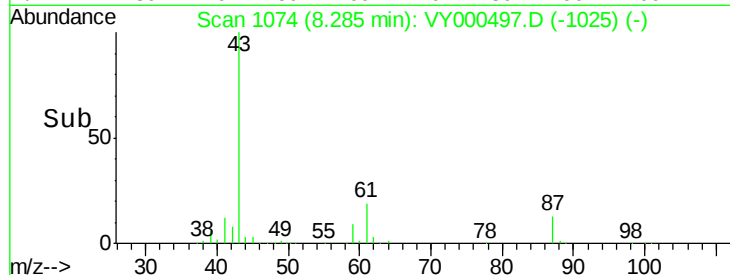
87 12.3 10.5 15.7



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

Ion 87.00 (86.70 to 87.70): VY0



#44

Trichloroethene

Concen: 50.389 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VY000497.D

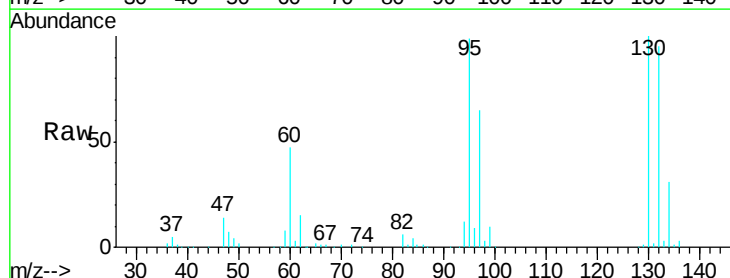
Acq: 31 Oct 2019 11:35

Tgt Ion: 130 Resp: 163449

Ion Ratio Lower Upper

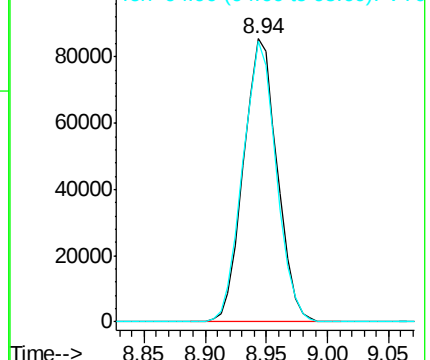
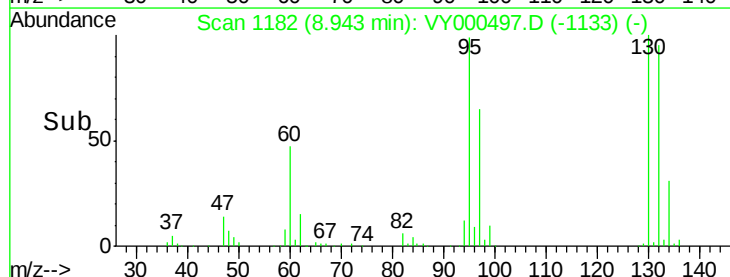
130 100

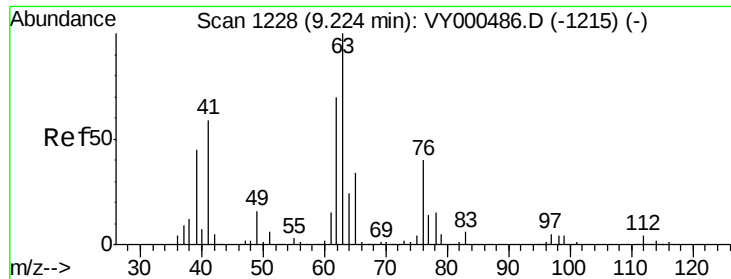
95 99.2 0.0 203.2



Abundance Ion 129.80 (129.50 to 130.50): V

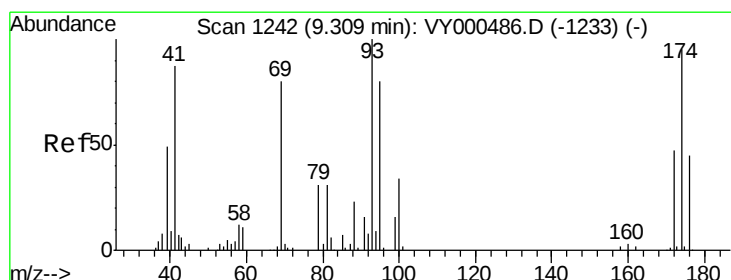
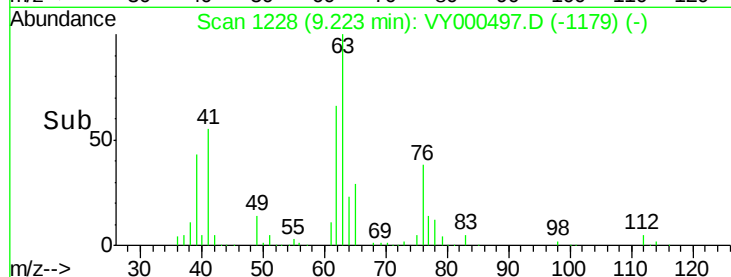
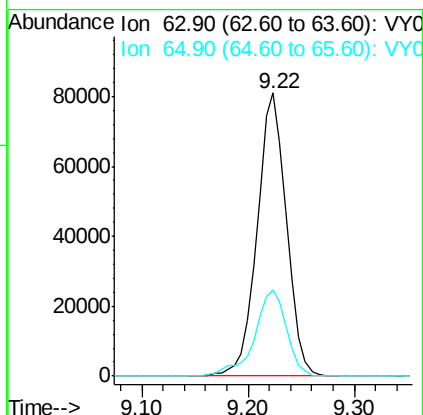
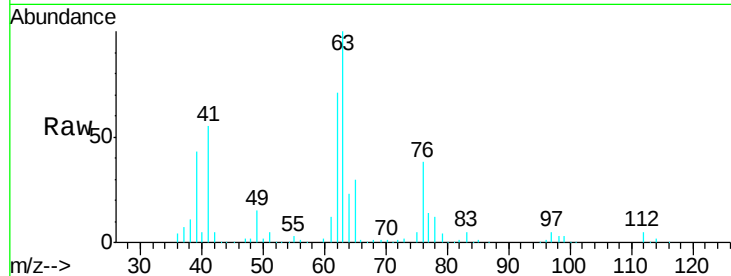
Ion 94.90 (94.60 to 95.60): VY0





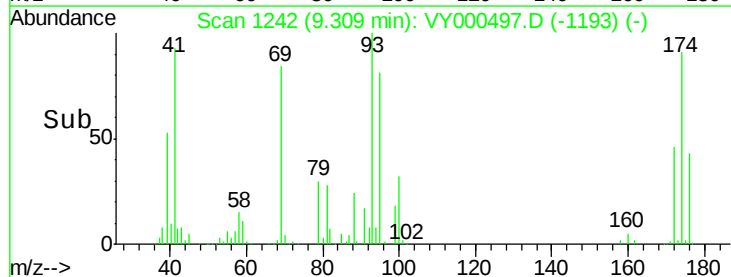
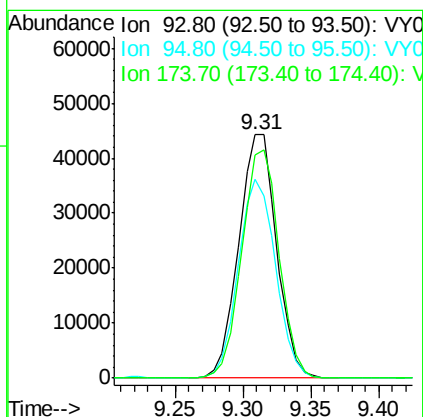
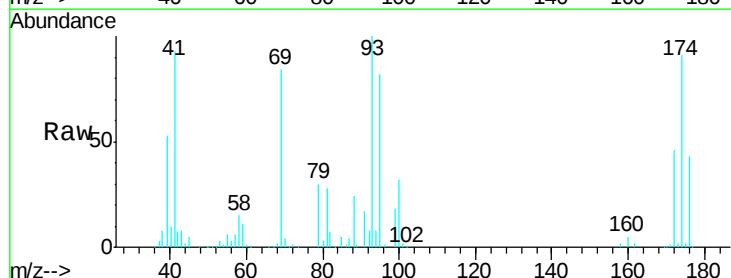
#45
1,2-Dichloropropane
Concen: 51.531 ug/l
RT: 9.22 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VY000497.D
Acq: 31 Oct 2019 11:35

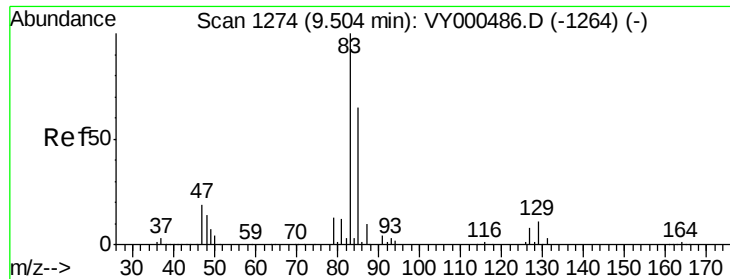
Tgt Ion: 63 Resp: 156030
Ion Ratio Lower Upper
63 100
65 30.4 27.0 40.4



#46
Dibromomethane
Concen: 51.792 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. -0.00 min
Lab File: VY000497.D
Acq: 31 Oct 2019 11:35

Tgt Ion: 93 Resp: 86245
Ion Ratio Lower Upper
93 100
95 80.7 66.4 99.6
174 92.5 77.1 115.7





#47

Bromodichloromethane

Concen: 51.608 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.00 min

Lab File: VY000497.D

Acq: 31 Oct 2019 11:35

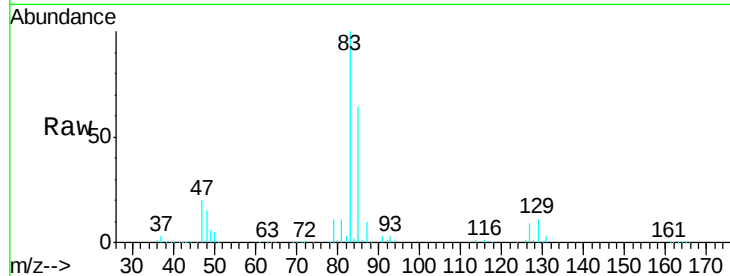
Tgt Ion: 83 Resp: 203916

Ion Ratio Lower Upper

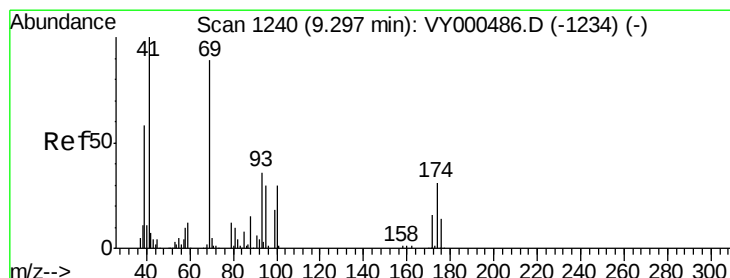
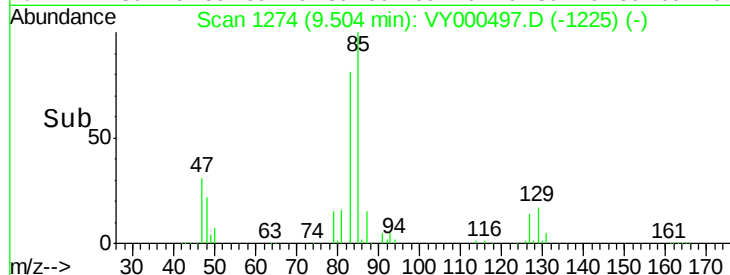
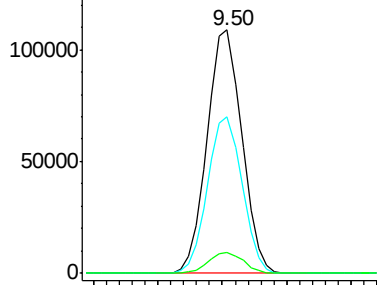
83 100

85 64.2 51.8 77.8

127 8.8 6.7 10.1



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



#48

Methyl methacrylate

Concen: 54.457 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VY000497.D

Acq: 31 Oct 2019 11:35

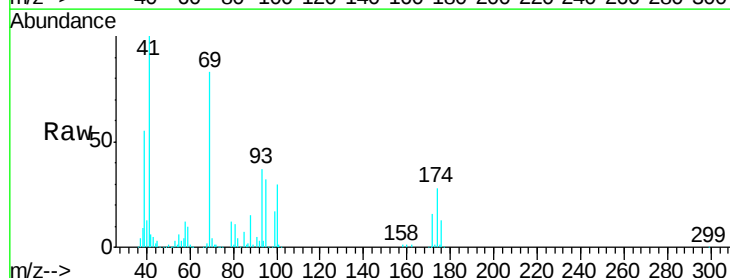
Tgt Ion: 41 Resp: 111355

Ion Ratio Lower Upper

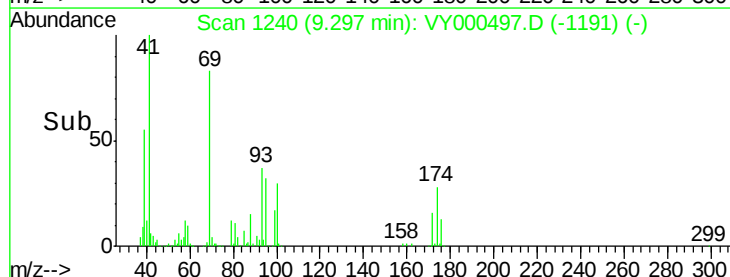
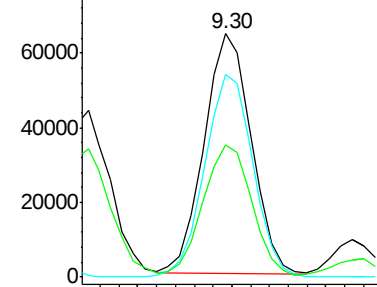
41 100

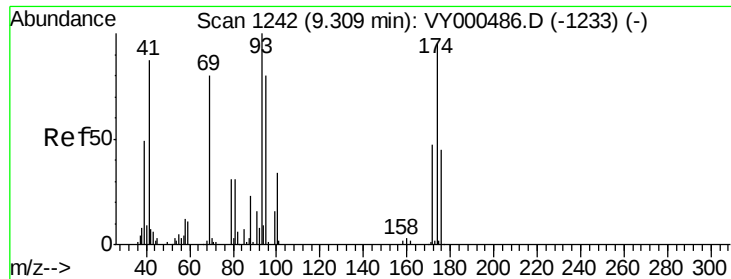
69 86.6 72.5 108.7

39 57.8 47.8 71.8



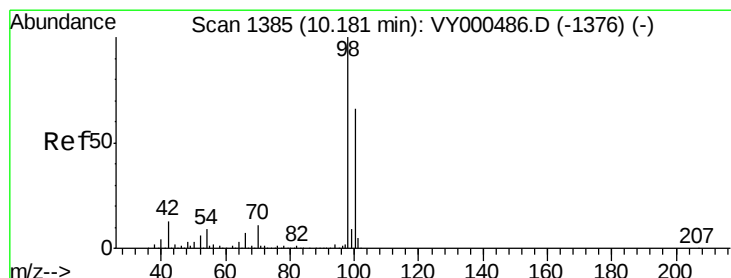
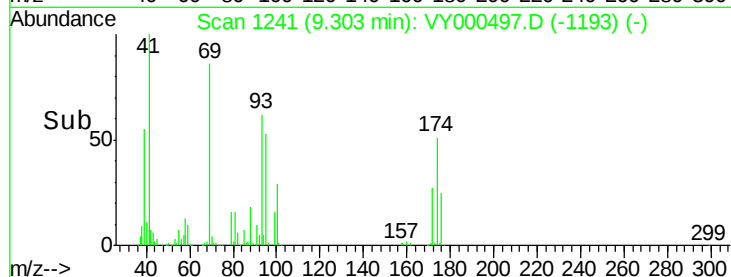
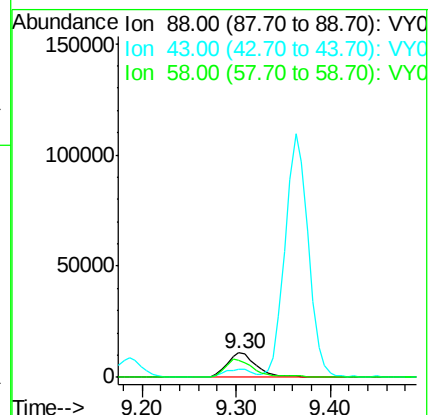
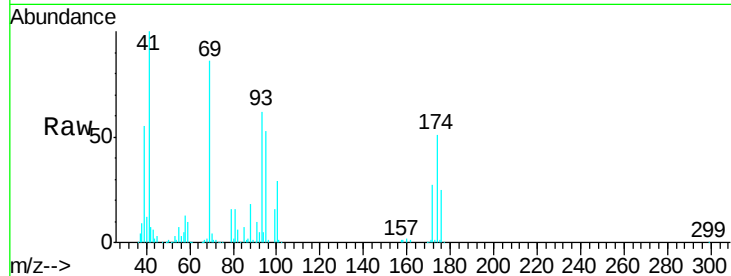
Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 39.00 (38.70 to 39.70): VY0





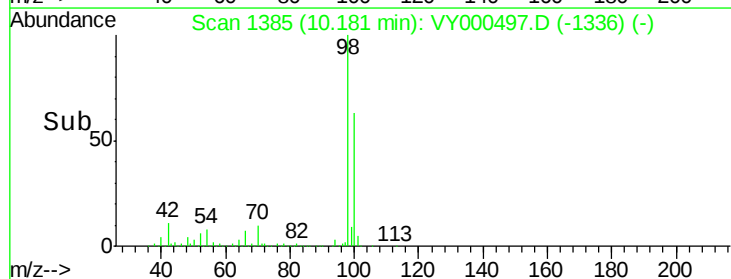
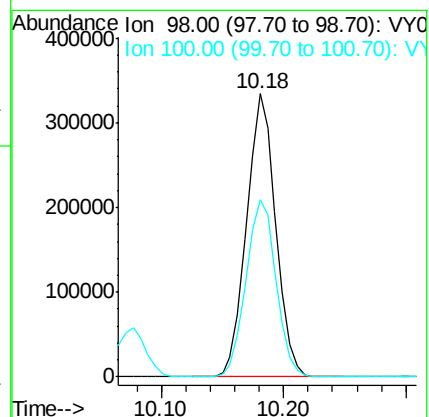
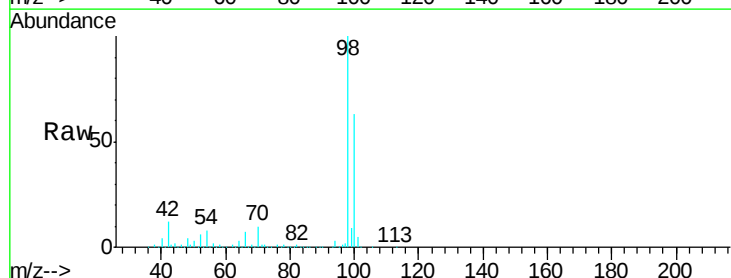
#49
1,4-Dioxane
Concen: 1105.148 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VY000497.D
Acq: 31 Oct 2019 11:35

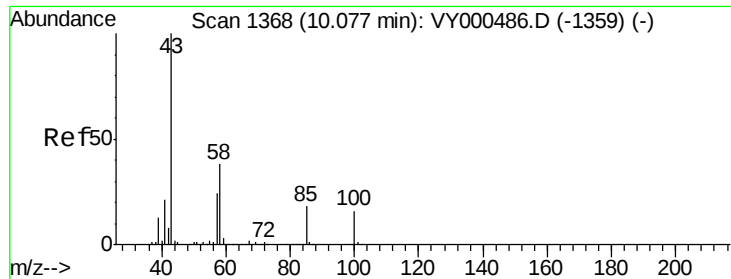
Tgt Ion: 88 Resp: 24768
Ion Ratio Lower Upper
88 100
43 30.0 25.1 37.7
58 69.3 50.6 75.8



#50
Toluene-d8
Concen: 55.677 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY000497.D
Acq: 31 Oct 2019 11:35

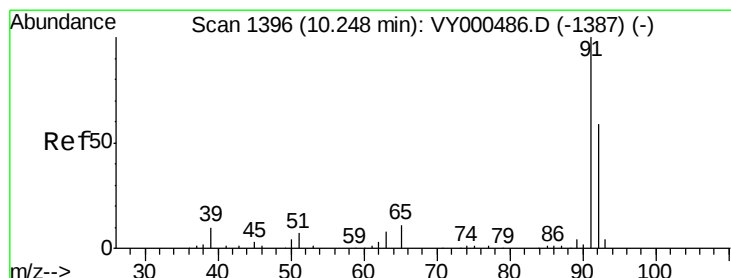
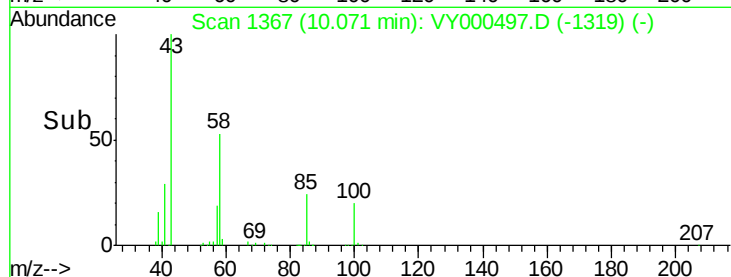
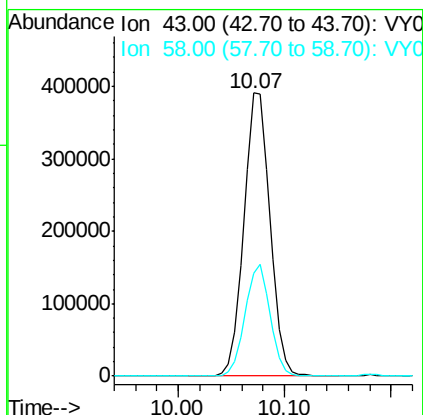
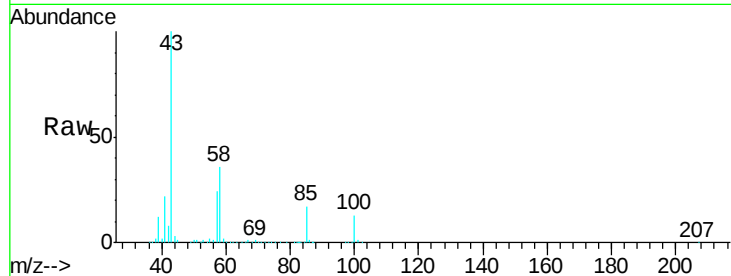
Tgt Ion: 98 Resp: 550537
Ion Ratio Lower Upper
98 100
100 64.7 52.9 79.3





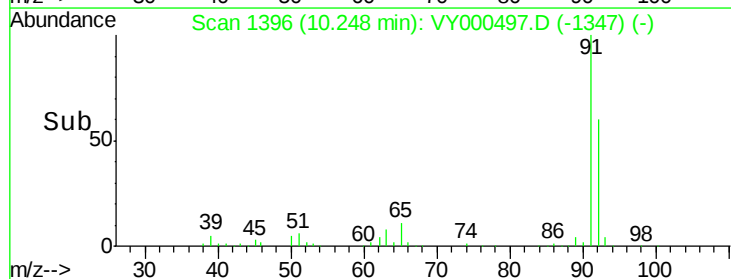
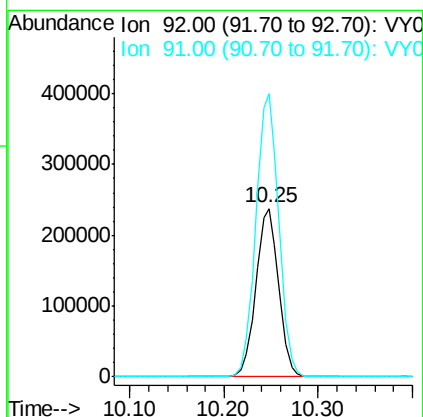
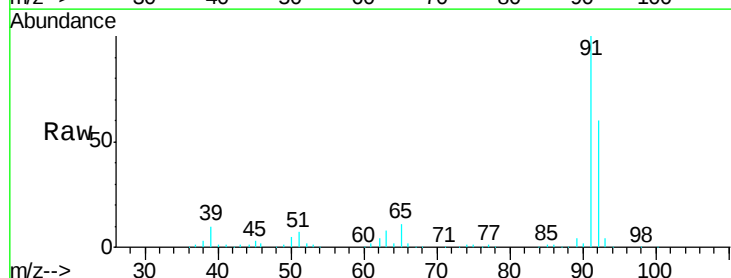
#51
 4-Methyl-2-Pentanone
 Concen: 271.615 ug/l
 RT: 10.07 min Scan# 1367
 Delta R.T. -0.01 min
 Lab File: VY000497.D
 Acq: 31 Oct 2019 11:35

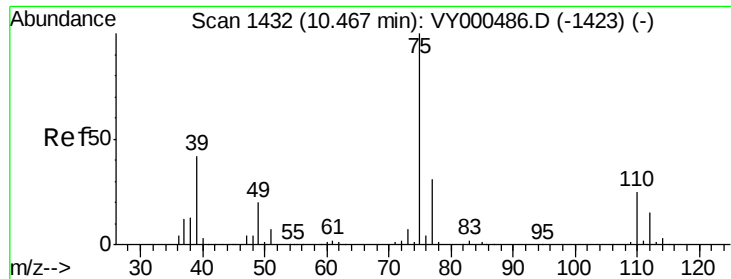
Tgt Ion: 43 Resp: 675848
 Ion Ratio Lower Upper
 43 100
 58 37.9 30.2 45.4



#52
 Toluene
 Concen: 51.540 ug/l
 RT: 10.25 min Scan# 1396
 Delta R.T. -0.00 min
 Lab File: VY000497.D
 Acq: 31 Oct 2019 11:35

Tgt Ion: 92 Resp: 400882
 Ion Ratio Lower Upper
 92 100
 91 170.7 136.3 204.5





#53

t-1,3-Dichloropropene

Concen: 53.550 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY000497.D

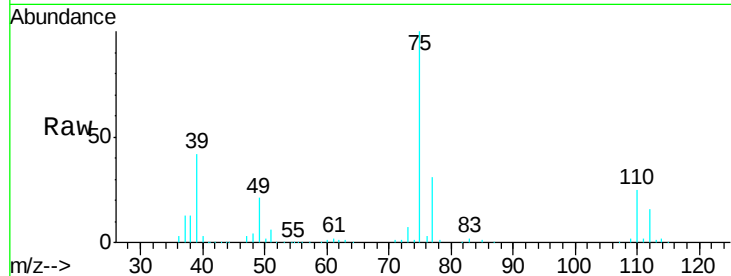
Acq: 31 Oct 2019 11:35

Tgt Ion: 75 Resp: 226082

Ion Ratio Lower Upper

75 100

77 31.5 24.6 37.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

10.47

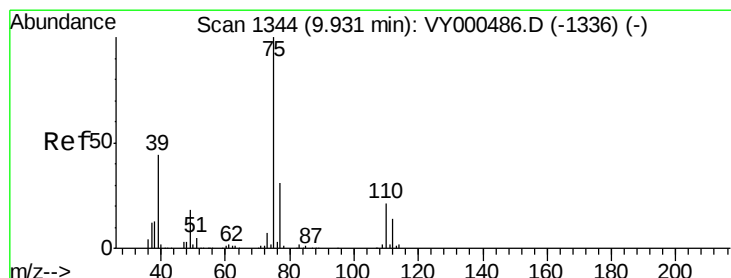
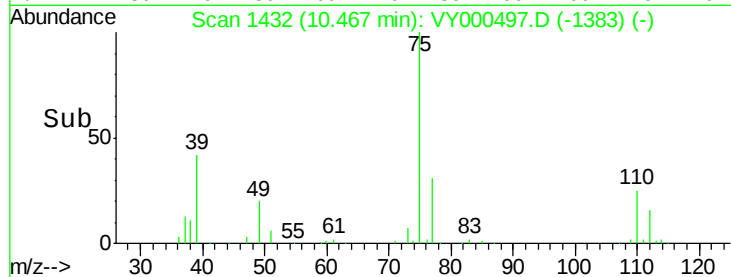
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 52.772 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY000497.D

Acq: 31 Oct 2019 11:35

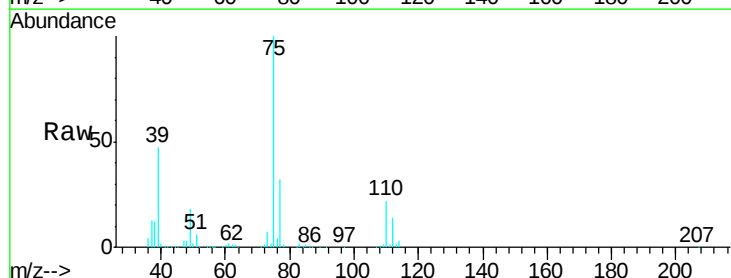
Tgt Ion: 75 Resp: 255238

Ion Ratio Lower Upper

75 100

77 31.5 24.5 36.7

39 46.6 35.4 53.2



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

9.93

200000

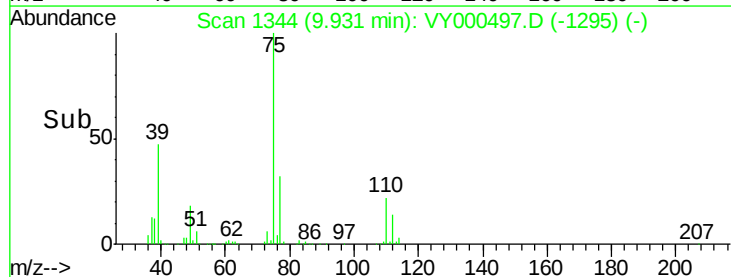
150000

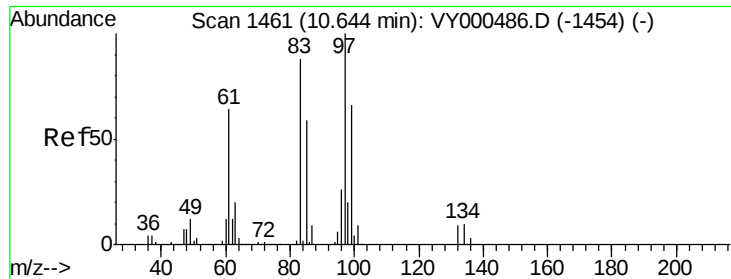
100000

50000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 52.299 ug/l

RT: 10.64 min Scan# 1461

Delta R.T. -0.00 min

Lab File: VY000497.D

Acq: 31 Oct 2019 11:35

Tgt Ion: 97 Resp: 125965

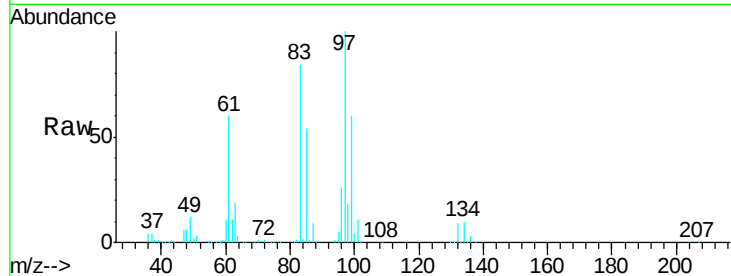
Ion Ratio Lower Upper

97 100

83 84.6 70.2 105.4

85 53.9 46.9 70.3

99 60.3 52.6 78.8



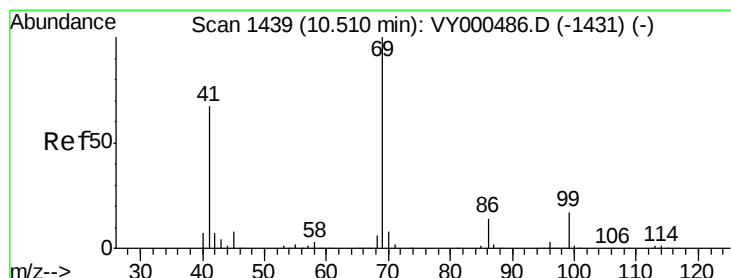
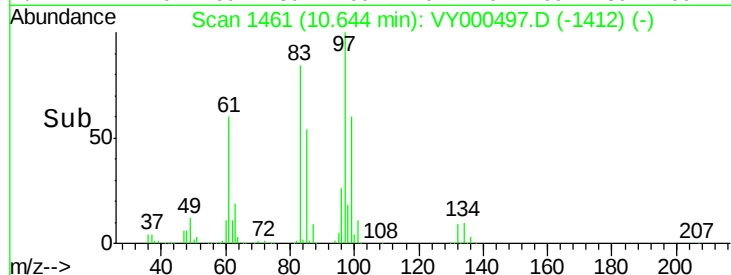
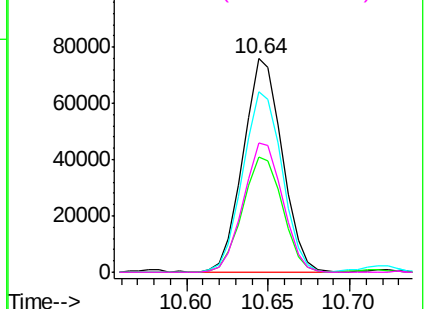
Abundance

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: 54.499 ug/l

RT: 10.51 min Scan# 1439

Delta R.T. -0.00 min

Lab File: VY000497.D

Acq: 31 Oct 2019 11:35

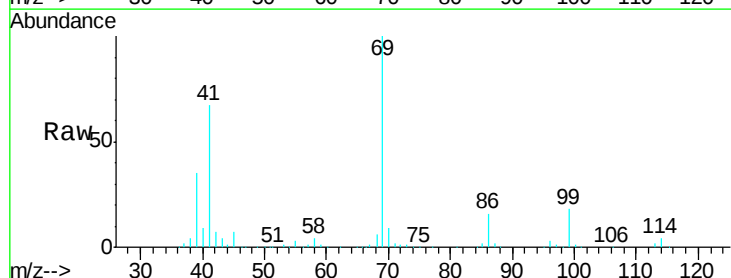
Tgt Ion: 69 Resp: 186044

Ion Ratio Lower Upper

69 100

41 68.3 53.3 79.9

39 34.1 28.0 42.0

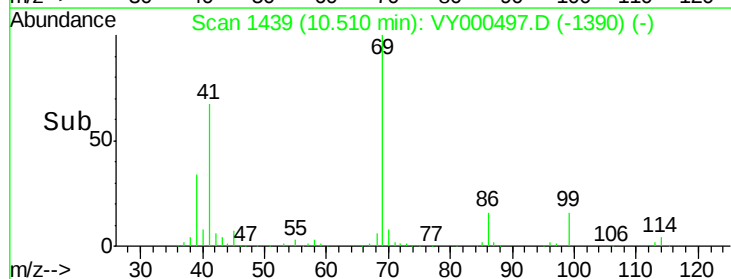
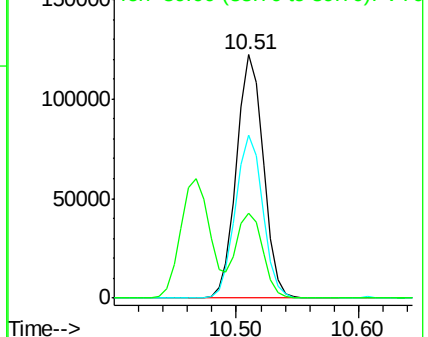


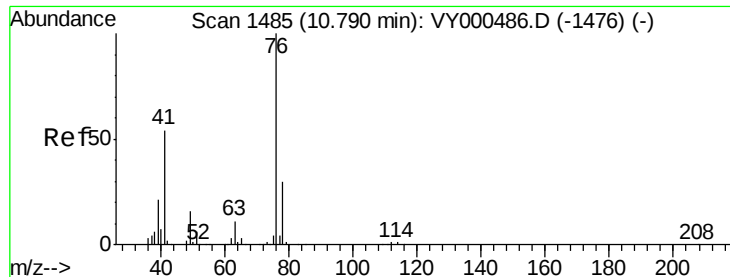
Abundance

Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

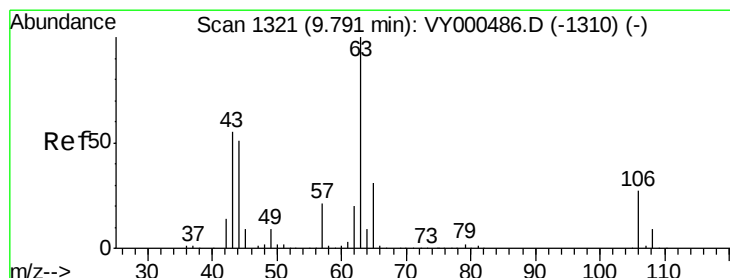
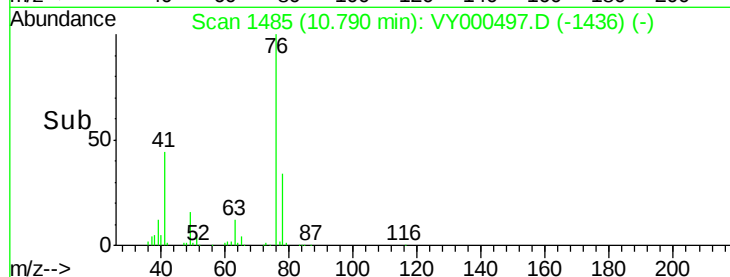
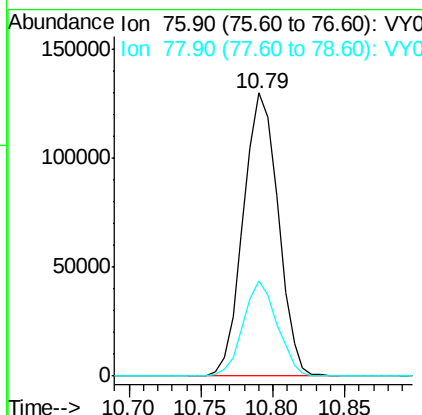
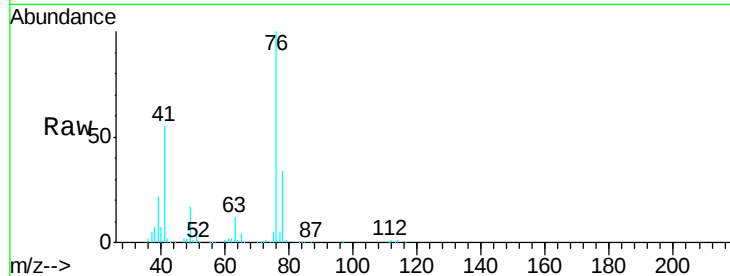
Ion 39.00 (38.70 to 39.70): VY0





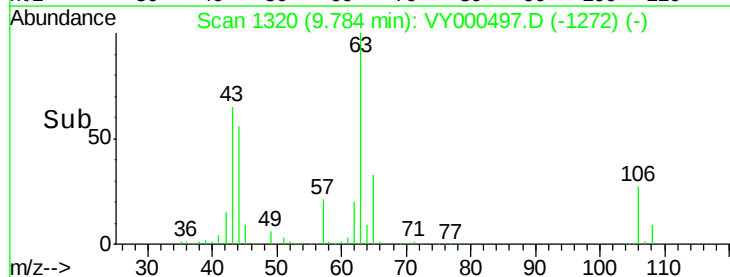
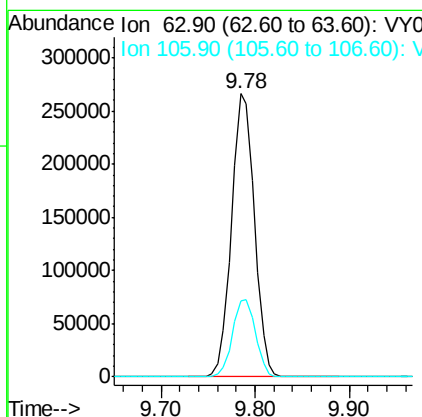
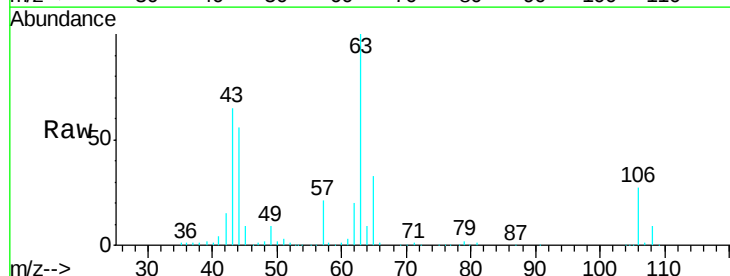
#57
 1,3-Dichloropropane
 Concen: 51.894 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VY000497.D
 Acq: 31 Oct 2019 11:35

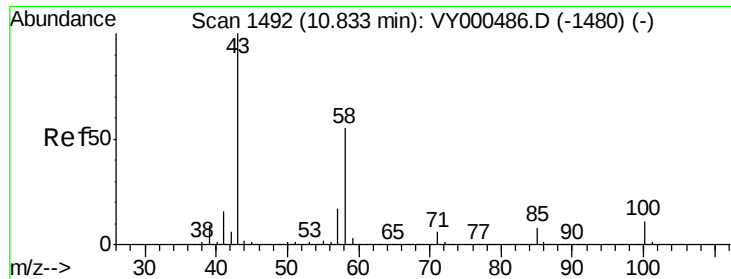
Tgt Ion: 76 Resp: 218756
 Ion Ratio Lower Upper
 76 100
 78 32.7 25.2 37.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 290.624 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: VY000497.D
 Acq: 31 Oct 2019 11:35

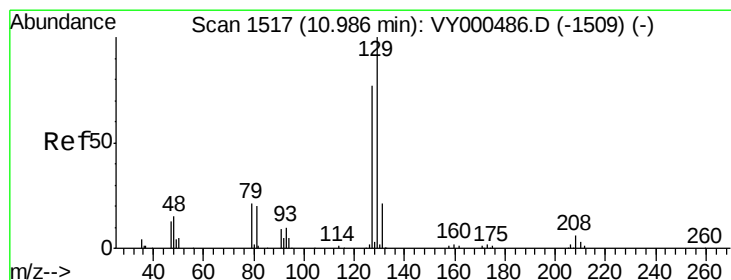
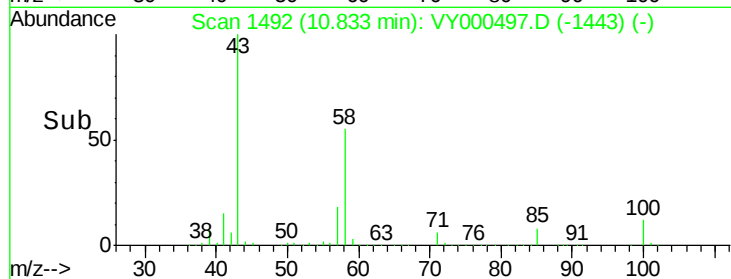
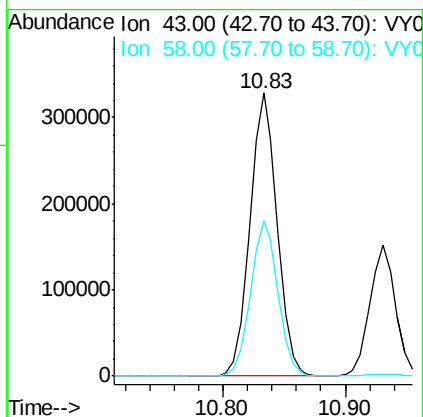
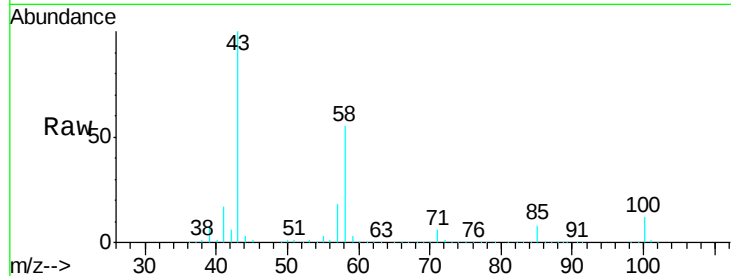
Tgt Ion: 63 Resp: 448523
 Ion Ratio Lower Upper
 63 100
 106 27.6 22.6 33.8





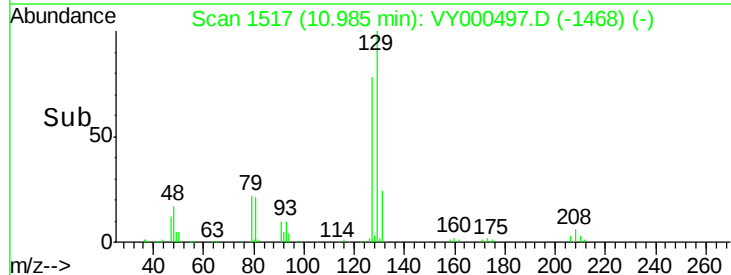
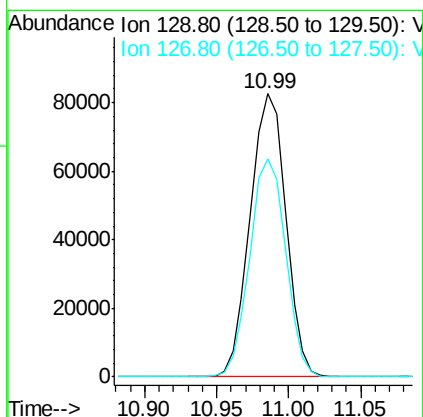
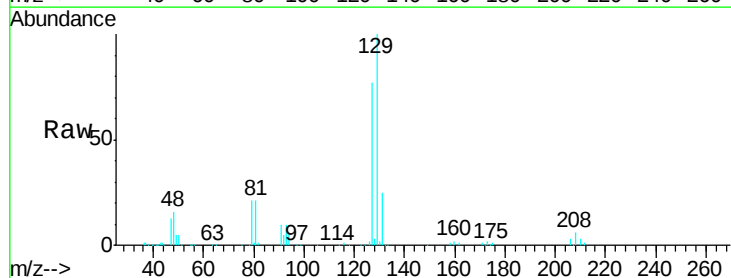
#59
2-Hexanone
Concen: 280.318 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY000497.D
Acq: 31 Oct 2019 11:35

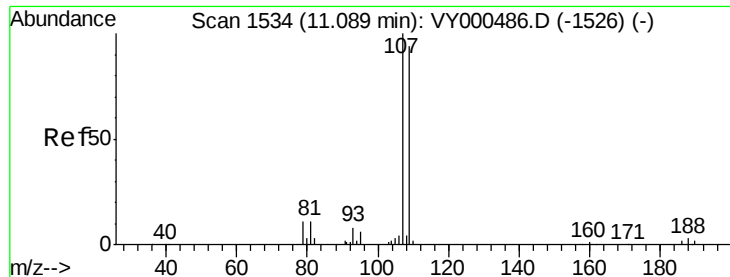
Tgt Ion: 43 Resp: 508196
Ion Ratio Lower Upper
43 100
58 55.1 27.1 81.3



#60
Dibromochloromethane
Concen: 51.432 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY000497.D
Acq: 31 Oct 2019 11:35

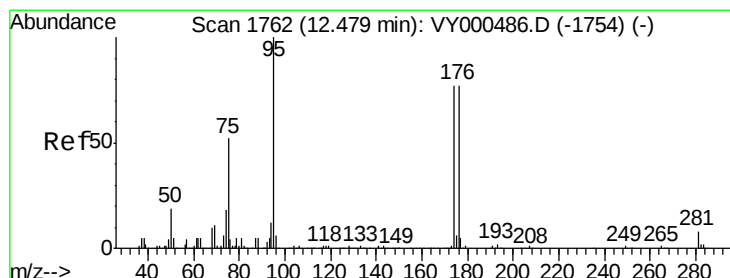
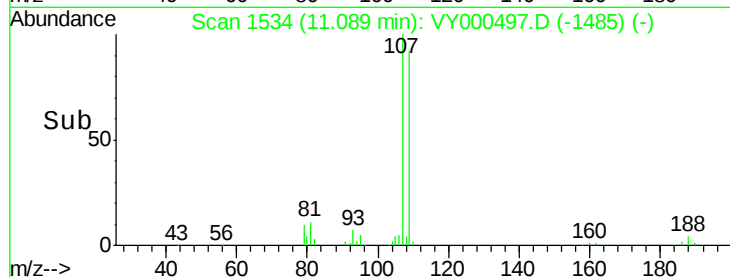
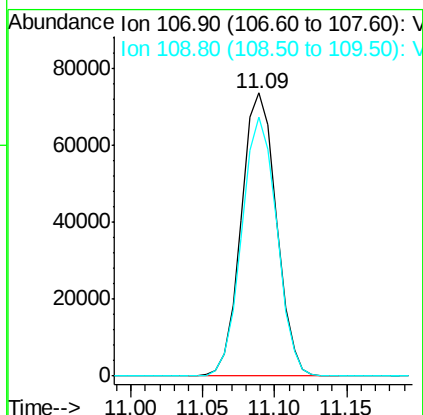
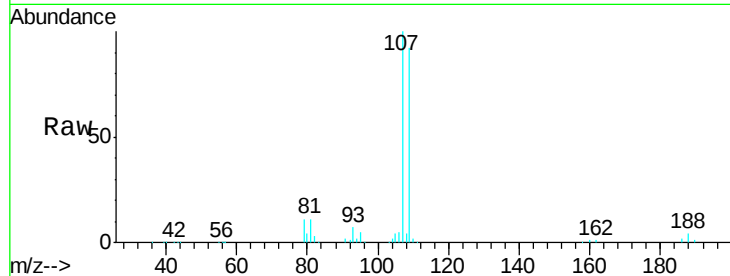
Tgt Ion: 129 Resp: 141890
Ion Ratio Lower Upper
129 100
127 77.3 39.1 117.2





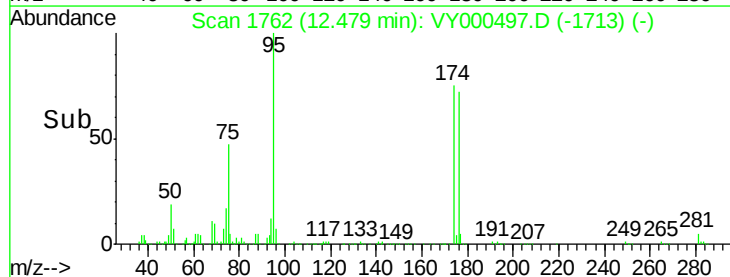
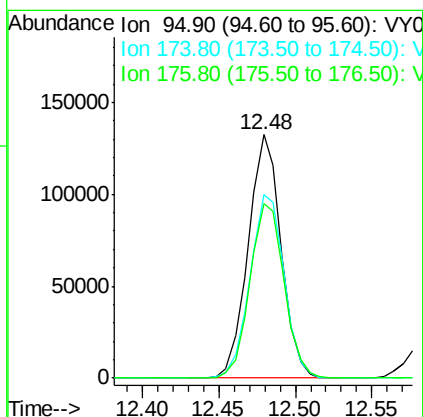
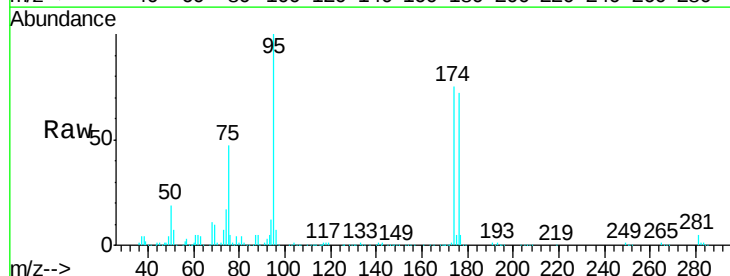
#61
 1,2-Dibromoethane
 Concen: 53.655 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY000497.D
 Acq: 31 Oct 2019 11:35

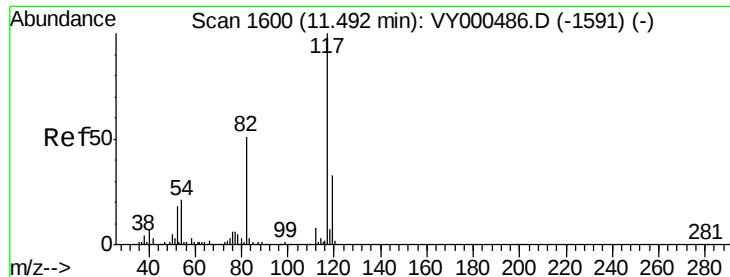
Tgt Ion: 107 Resp: 124254
 Ion Ratio Lower Upper
 107 100
 109 91.2 73.6 110.4



#62
 4-Bromofluorobenzene
 Concen: 52.424 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY000497.D
 Acq: 31 Oct 2019 11:35

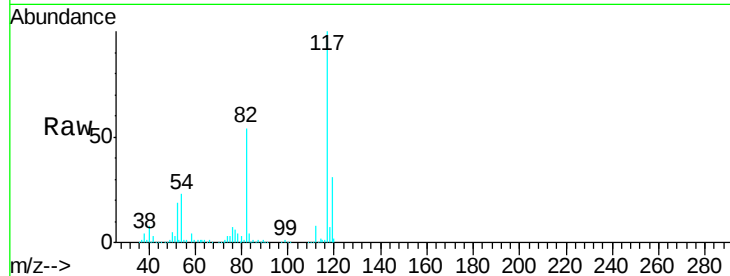
Tgt Ion: 95 Resp: 197341
 Ion Ratio Lower Upper
 95 100
 174 78.6 0.0 161.6
 176 74.6 0.0 157.8



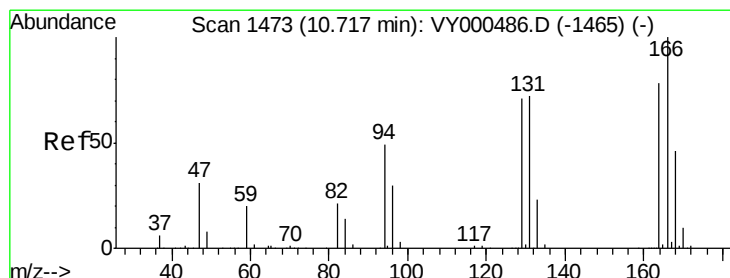
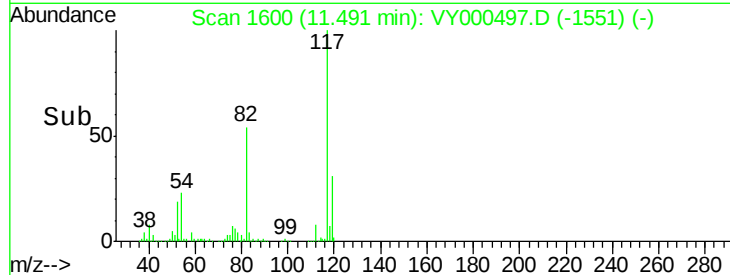
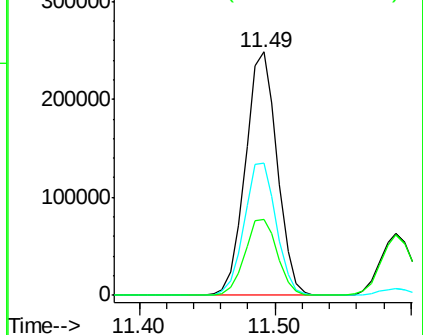


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000497.D
Acq: 31 Oct 2019 11:35

Tgt Ion:117 Resp: 405426
Ion Ratio Lower Upper
117 100
82 54.3 40.8 61.2
119 31.1 26.2 39.2

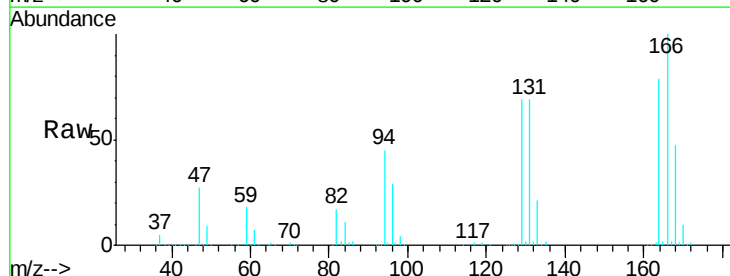


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

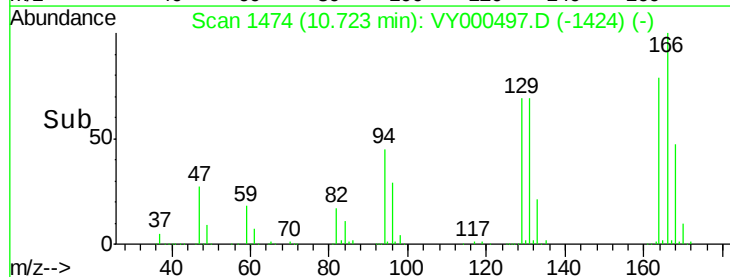
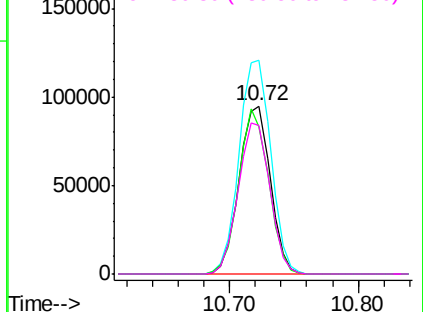


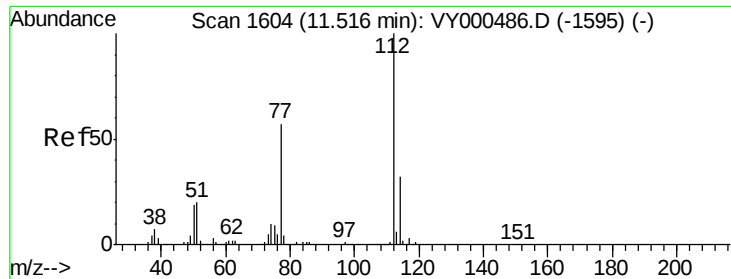
#64
Tetrachloroethene
Concen: 47.322 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VY000497.D
Acq: 31 Oct 2019 11:35

Tgt Ion:164 Resp: 158640
Ion Ratio Lower Upper
164 100
166 127.1 102.7 154.1
129 87.9 73.2 109.8
131 88.2 74.2 111.2



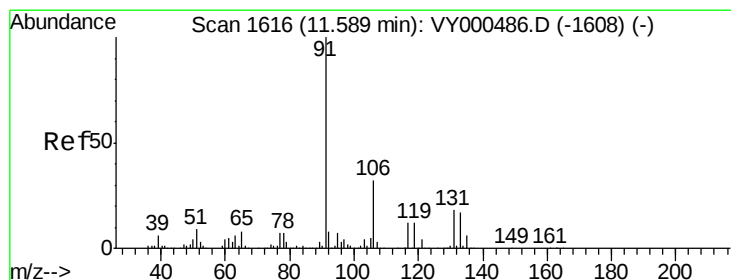
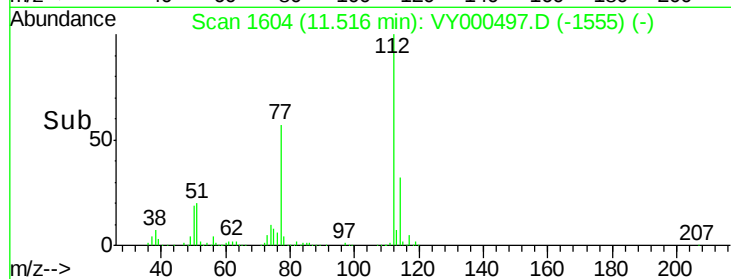
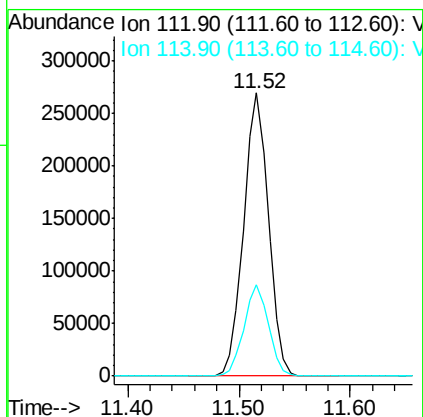
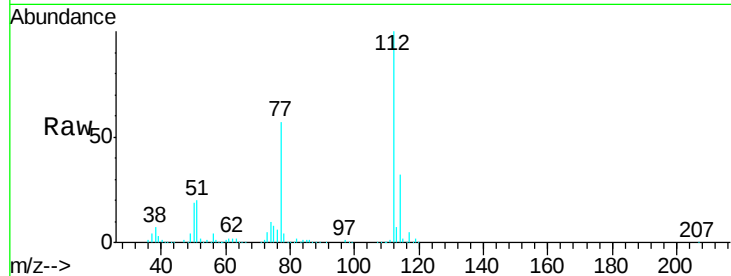
Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





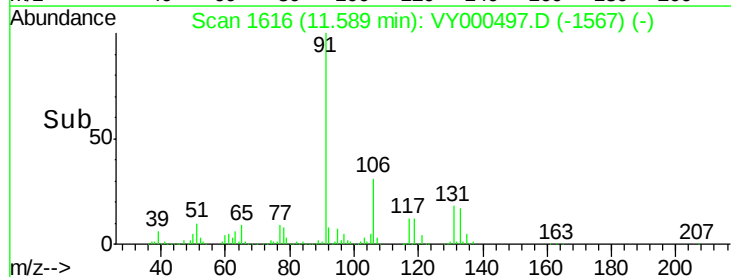
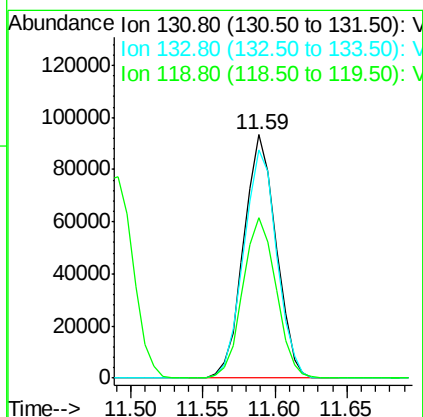
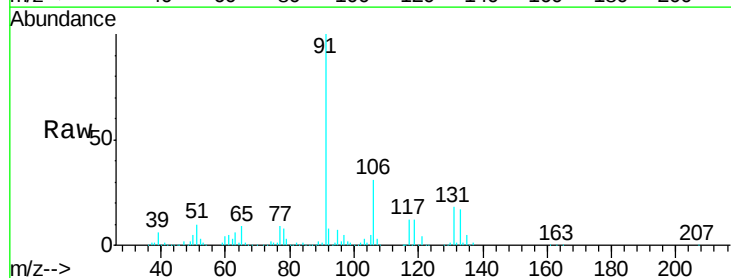
#65
Chlorobenzene
Concen: 50.748 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY000497.D
Acq: 31 Oct 2019 11:35

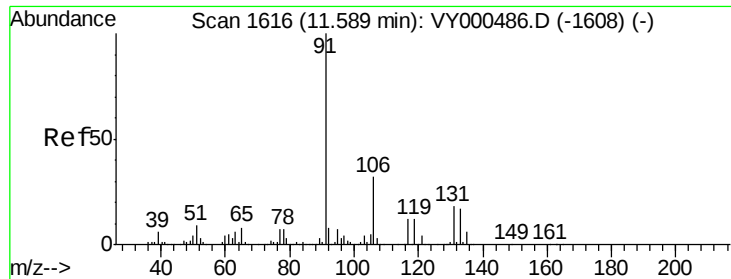
Tgt Ion:112 Resp: 417144
Ion Ratio Lower Upper
112 100
114 32.1 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 51.152 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000497.D
Acq: 31 Oct 2019 11:35

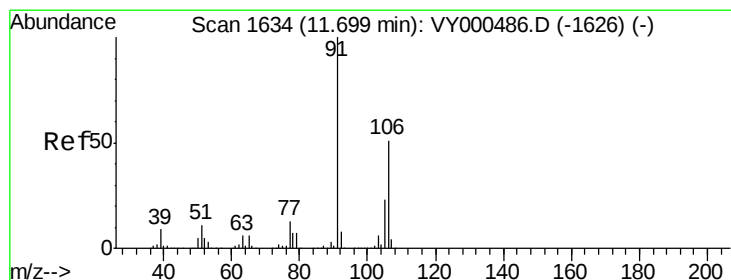
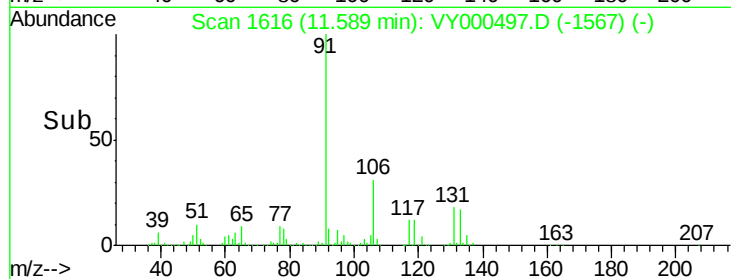
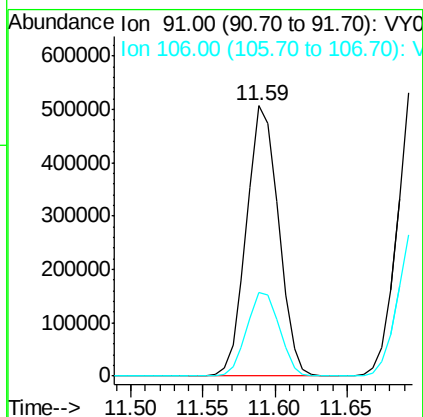
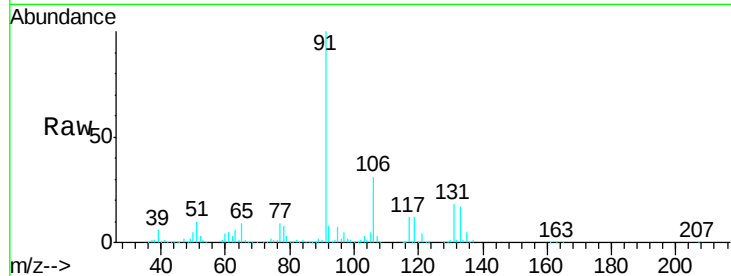
Tgt Ion:131 Resp: 145823
Ion Ratio Lower Upper
131 100
133 95.5 47.9 143.8
119 67.5 33.1 99.3





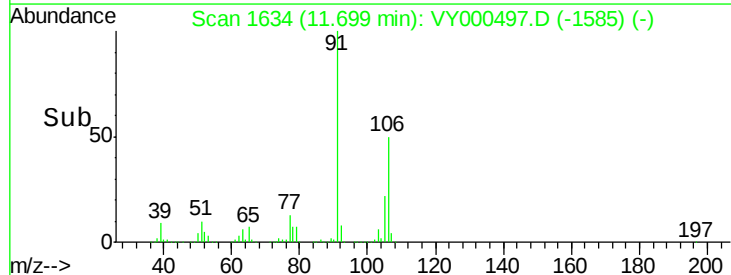
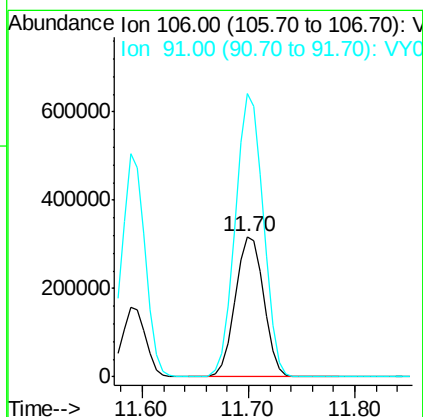
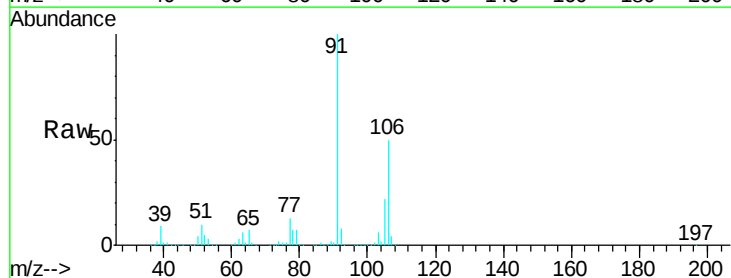
#67
Ethyl Benzene
Concen: 51.563 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000497.D
Acq: 31 Oct 2019 11:35

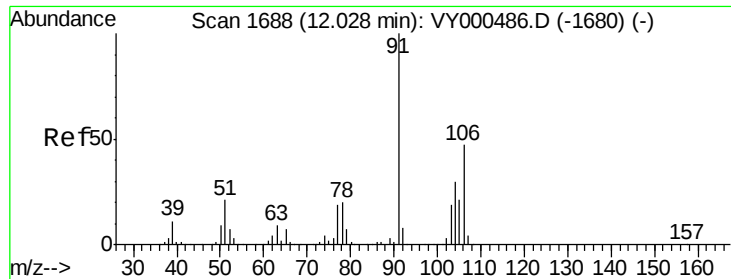
Tgt Ion: 91 Resp: 780065
Ion Ratio Lower Upper
91 100
106 30.9 25.4 38.0



#68
m/p-Xylenes
Concen: 101.843 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY000497.D
Acq: 31 Oct 2019 11:35

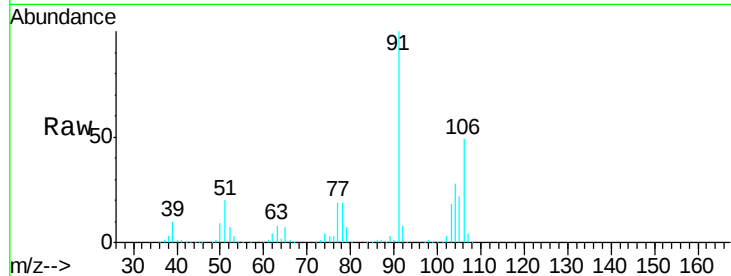
Tgt Ion: 106 Resp: 596314
Ion Ratio Lower Upper
106 100
91 199.0 155.9 233.9



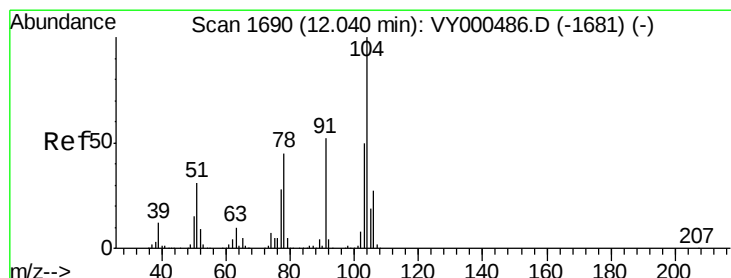
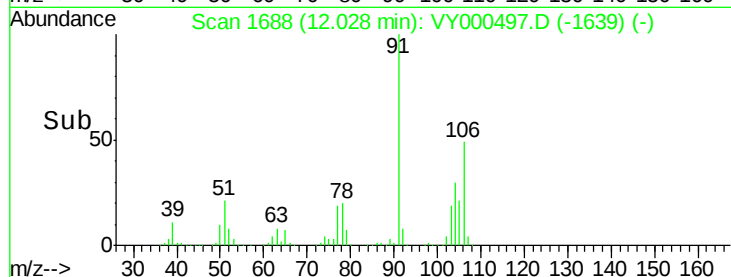
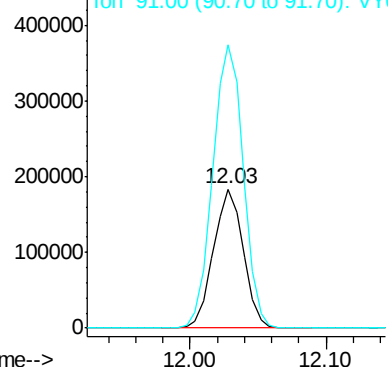


#69
o-Xylene
Concen: 51.263 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY000497.D
Acq: 31 Oct 2019 11:35

Tgt Ion:106 Resp: 282097
Ion Ratio Lower Upper
106 100
91 207.2 106.5 319.6

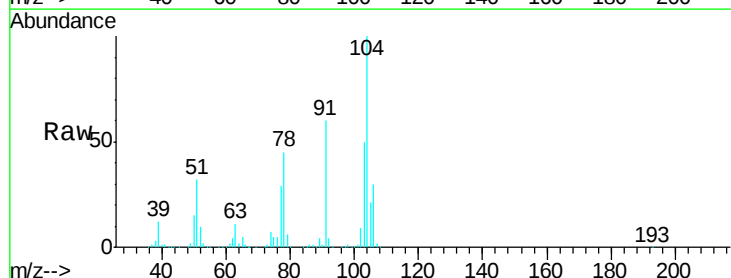


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

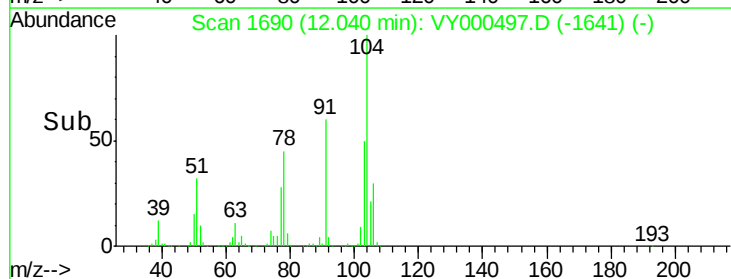
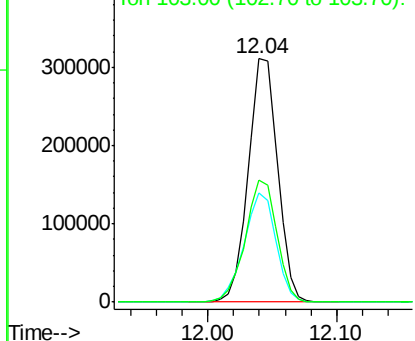


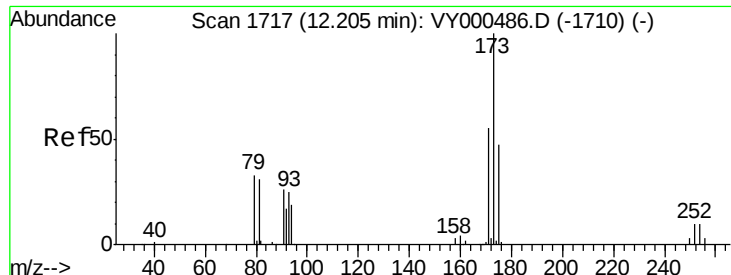
#70
Styrene
Concen: 51.724 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY000497.D
Acq: 31 Oct 2019 11:35

Tgt Ion:104 Resp: 487399
Ion Ratio Lower Upper
104 100
78 48.5 39.0 58.4
103 54.0 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: 52.518 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY000497.D

Acq: 31 Oct 2019 11:35

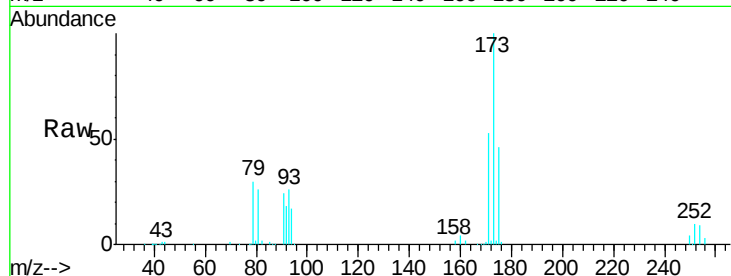
Tgt Ion:173 Resp: 86113

Ion Ratio Lower Upper

173 100

175 49.4 24.4 73.2

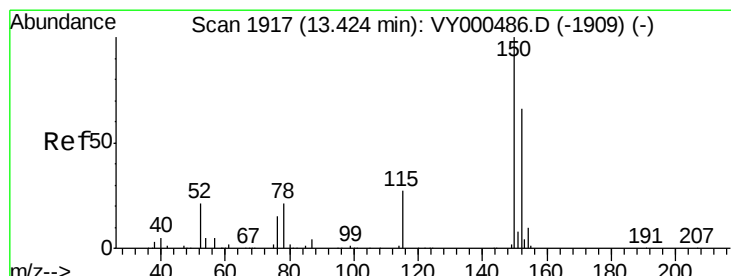
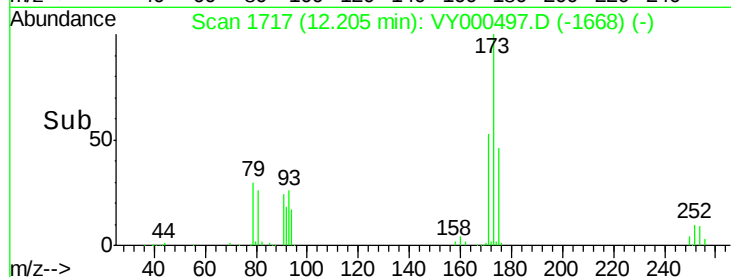
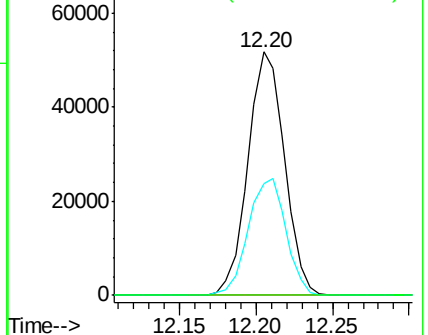
254 0.0 0.1 0.1#



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: VY000497.D

Acq: 31 Oct 2019 11:35

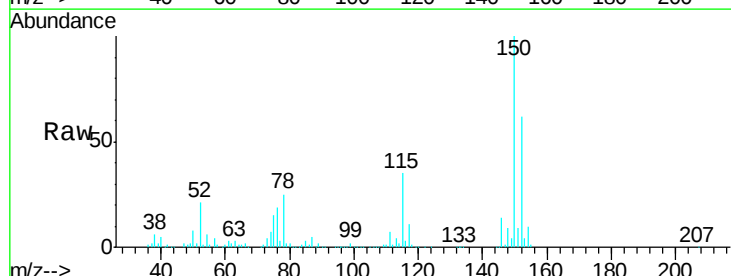
Tgt Ion:152 Resp: 201499

Ion Ratio Lower Upper

152 100

115 58.6 29.1 87.4

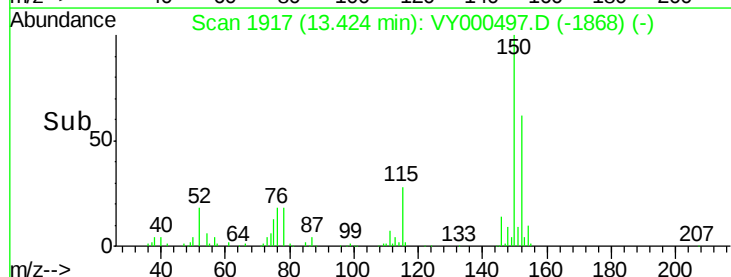
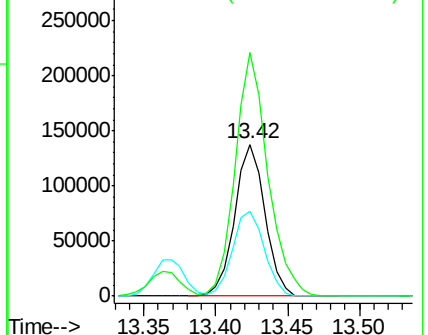
150 173.4 0.0 348.8

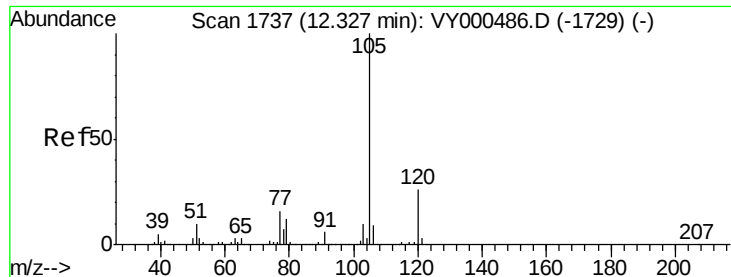


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.274 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY000497.D

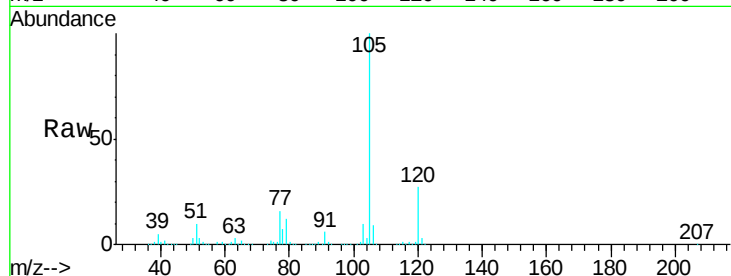
Acq: 31 Oct 2019 11:35

Tgt Ion: 105 Resp: 763594

Ion Ratio Lower Upper

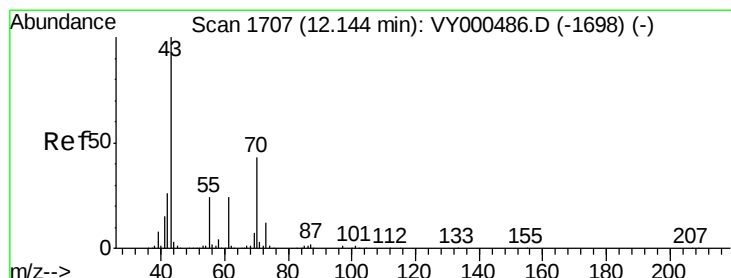
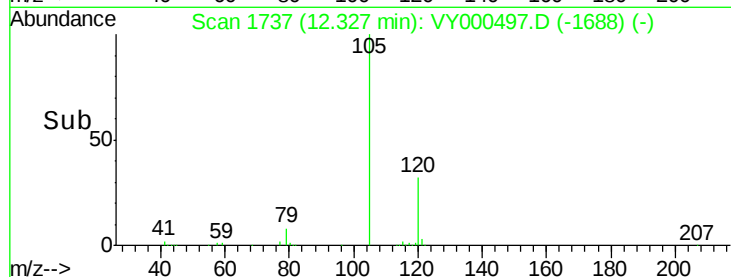
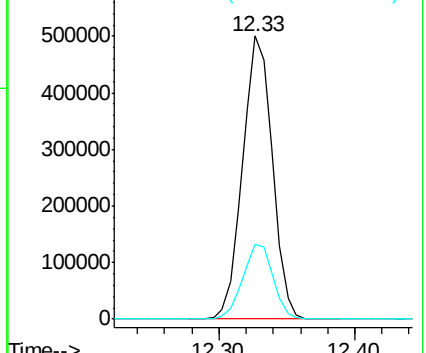
105 100

120 27.0 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 55.345 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY000497.D

Acq: 31 Oct 2019 11:35

Tgt Ion: 43 Resp: 236052

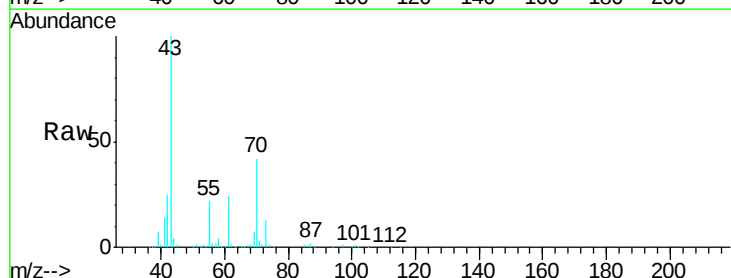
Ion Ratio Lower Upper

43 100

70 41.9 33.1 49.7

55 21.8 18.0 27.0

61 24.4 19.1 28.7

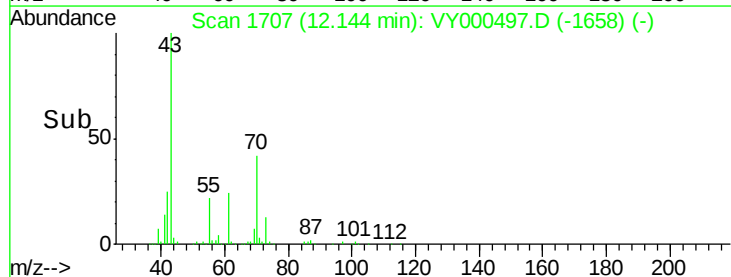
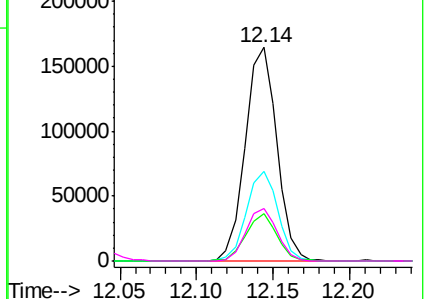


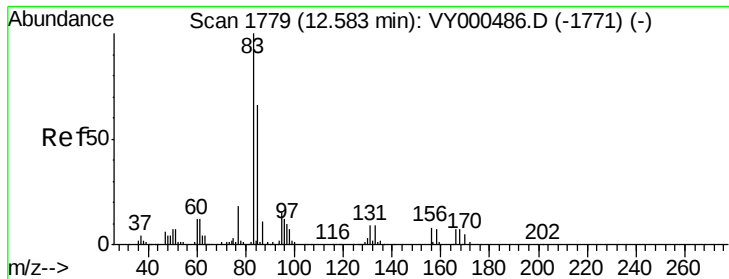
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 53.428 ug/l

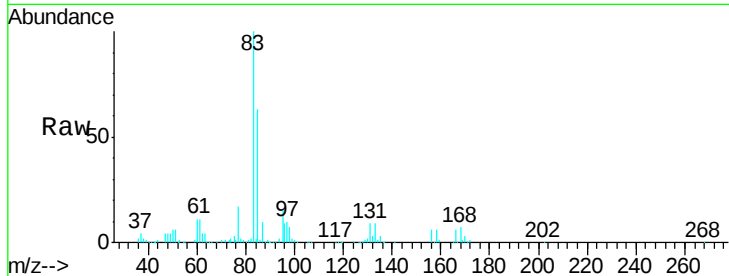
RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

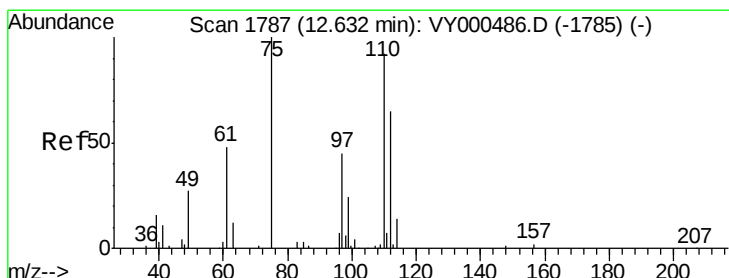
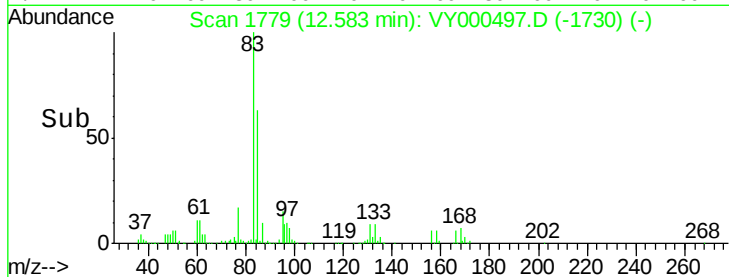
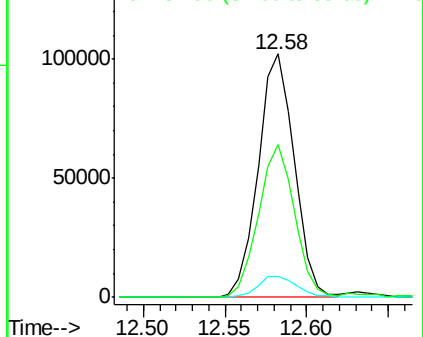
Lab File: VY000497.D

Acq: 31 Oct 2019 11:35

Tgt Ion:	83	Resp:	157543
Ion	Ratio	Lower	Upper
83	100		
131	9.5	5.0	14.9
85	62.7	32.3	96.9



Abundance Ion 82.90 (82.60 to 83.60): VY0
 Ion 130.80 (130.50 to 131.50): VY0
 Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 48.929 ug/l m

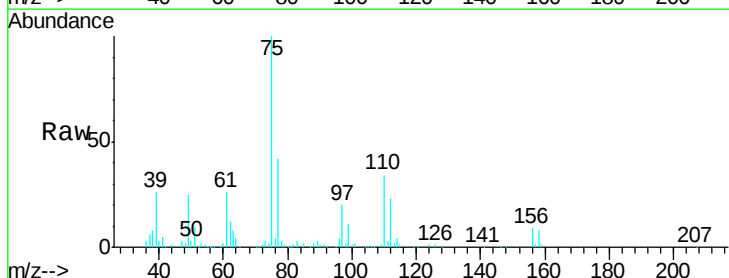
RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

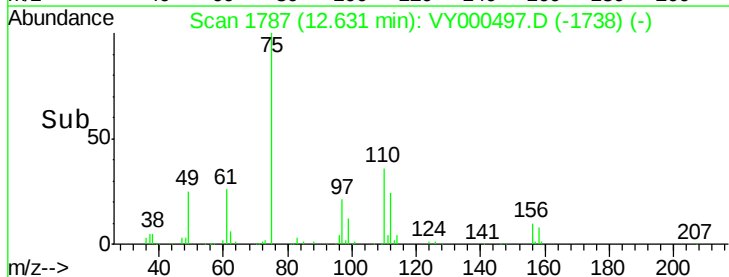
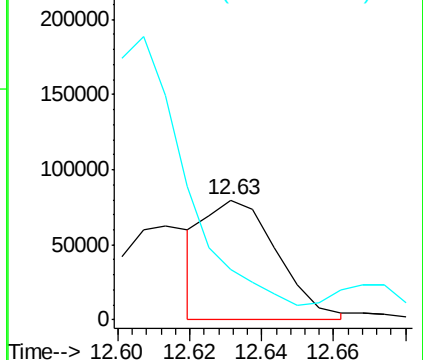
Lab File: VY000497.D

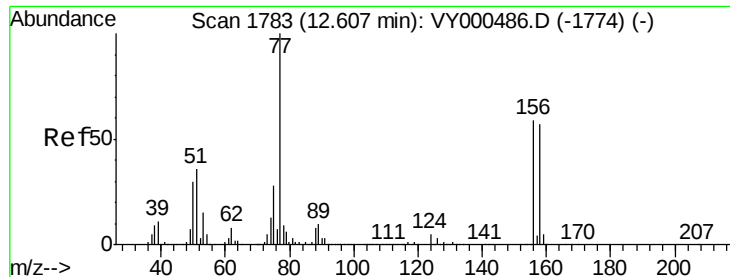
Acq: 31 Oct 2019 11:35

Tgt Ion:	75	Resp:	112260
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0
 Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 50.365 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY000497.D

Acq: 31 Oct 2019 11:35

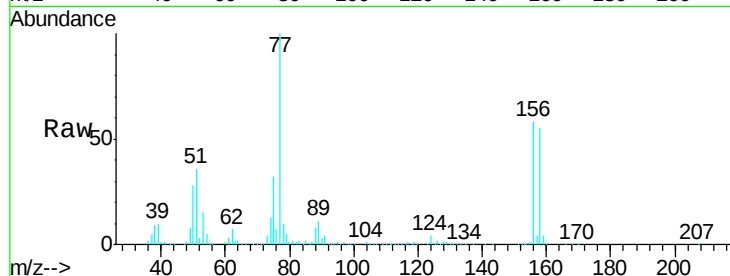
Tgt Ion: 156 Resp: 170090

Ion Ratio Lower Upper

156 100

77 199.1 98.2 294.4

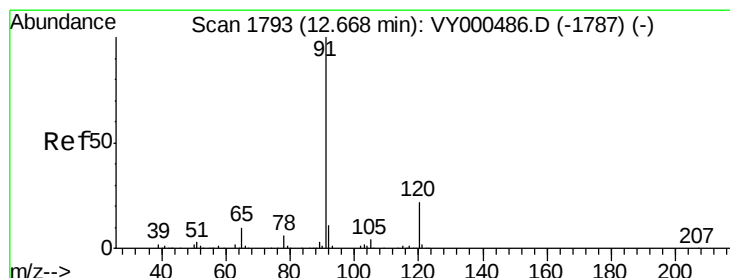
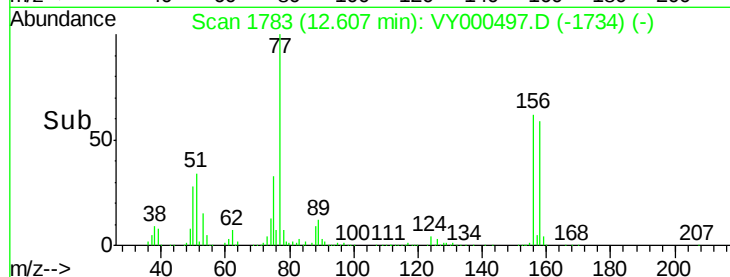
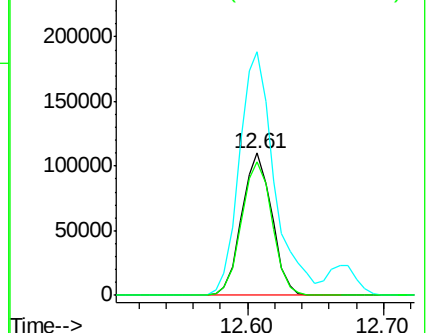
158 95.5 49.6 149.0



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: 51.902 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY000497.D

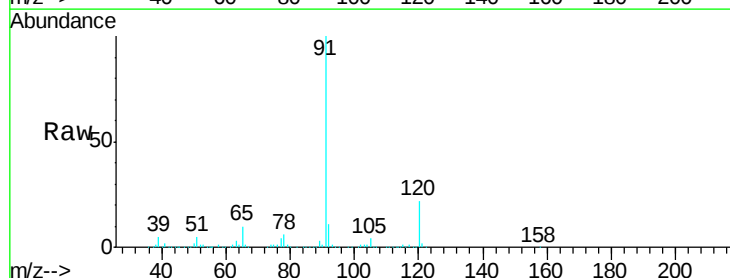
Acq: 31 Oct 2019 11:35

Tgt Ion: 91 Resp: 932618

Ion Ratio Lower Upper

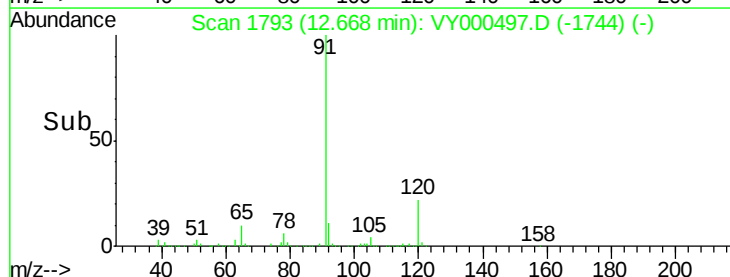
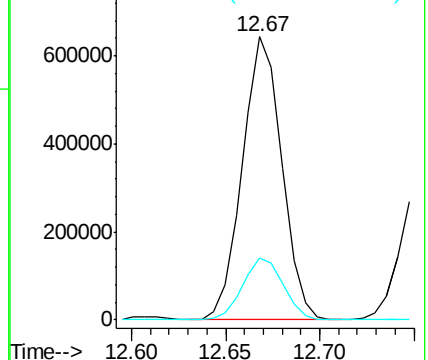
91 100

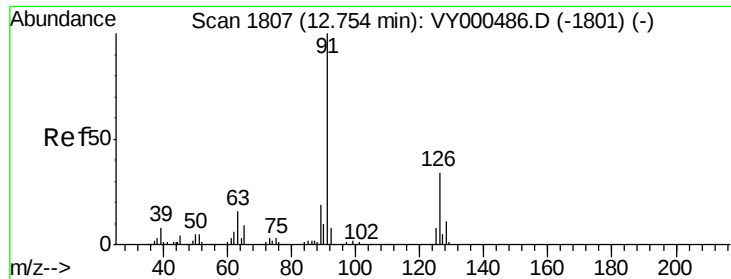
120 22.5 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.659 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY000497.D

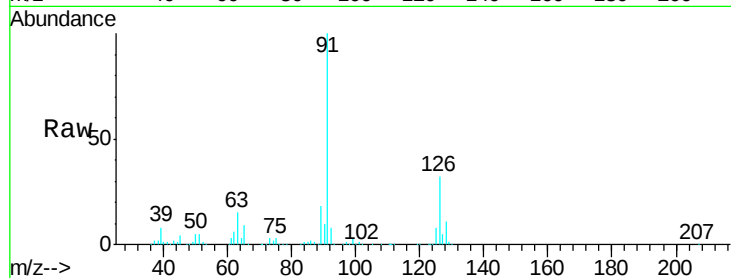
Acq: 31 Oct 2019 11:35

Tgt Ion: 91 Resp: 515324

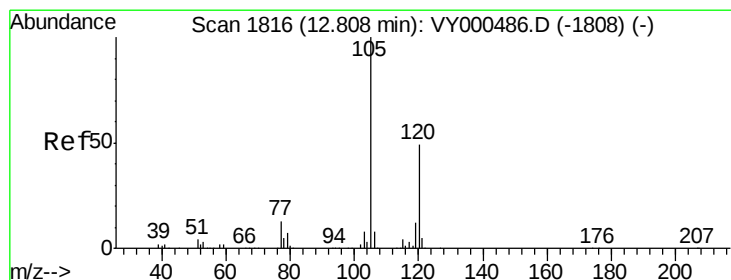
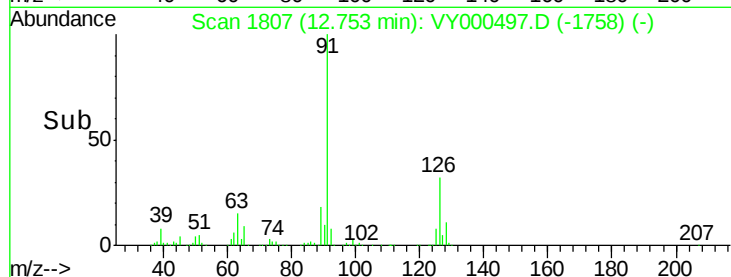
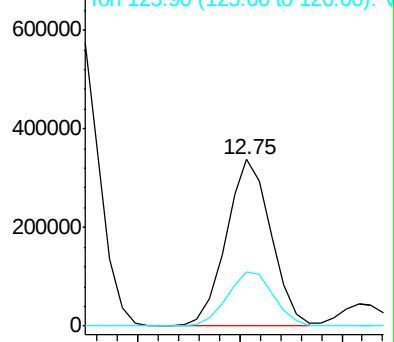
Ion Ratio Lower Upper

91 100

126 34.1 17.7 53.1



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



#80

1,3,5-Trimethylbenzene

Concen: 51.613 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VY000497.D

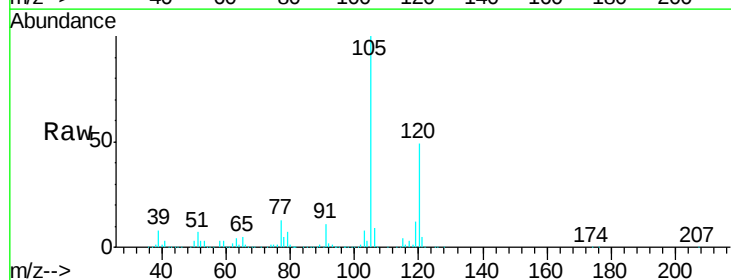
Acq: 31 Oct 2019 11:35

Tgt Ion: 105 Resp: 640157

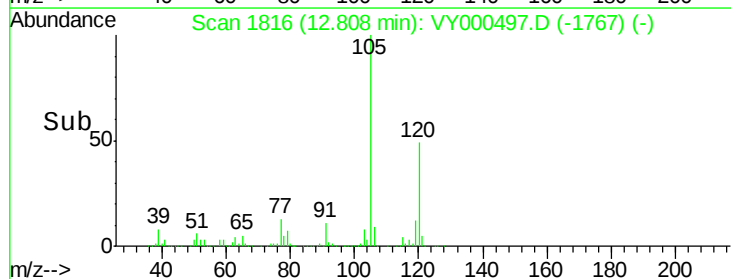
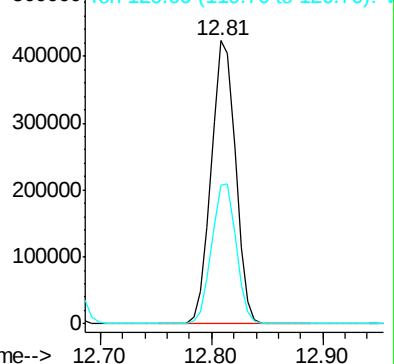
Ion Ratio Lower Upper

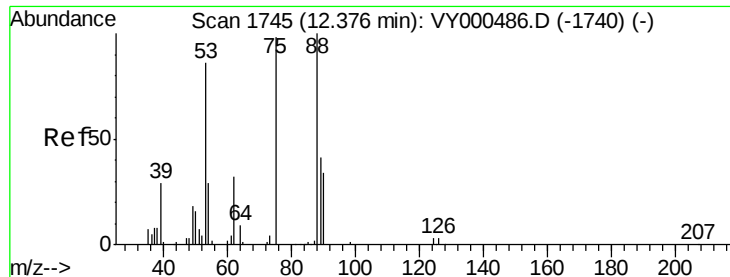
105 100

120 50.0 24.9 74.8



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





#81

trans-1,4-Dichloro-2-butene

Concen: 56.042 ug/l

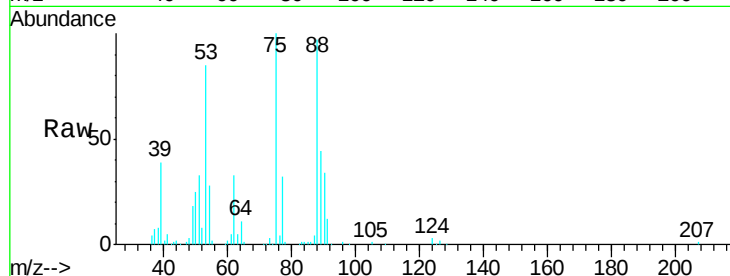
RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

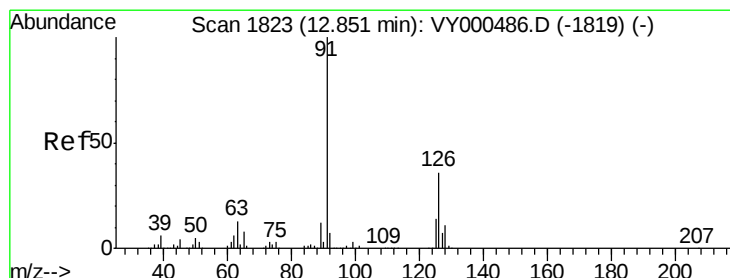
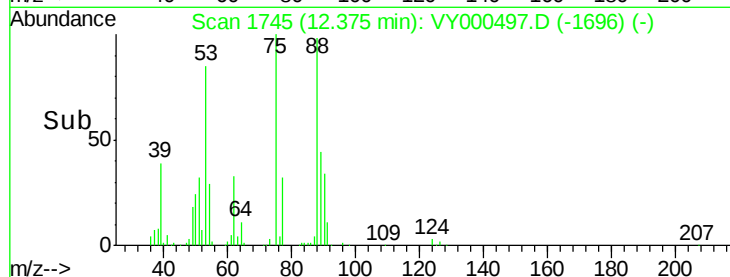
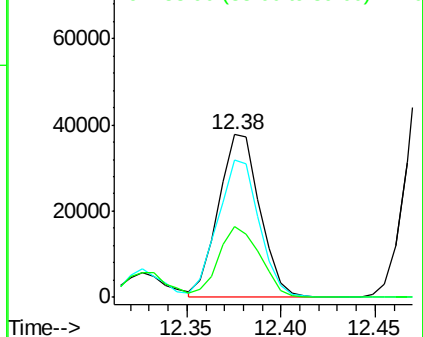
Lab File: VY000497.D

Acq: 31 Oct 2019 11:35

Tgt Ion:	75	Resp:	57347
Ion	Ratio	Lower	Upper
75	100		
53	84.2	73.2	109.8
89	43.7	35.9	53.9



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



#82

4-Chlorotoluene

Concen: 52.301 ug/l

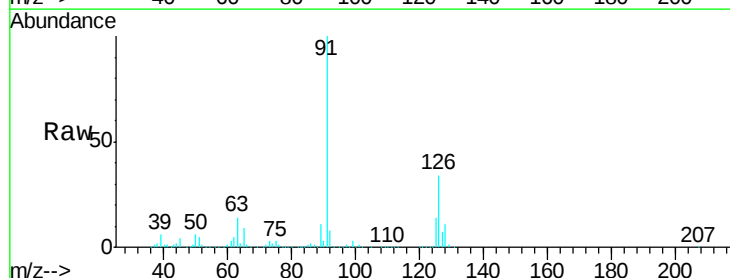
RT: 12.85 min Scan# 1823

Delta R.T. -0.00 min

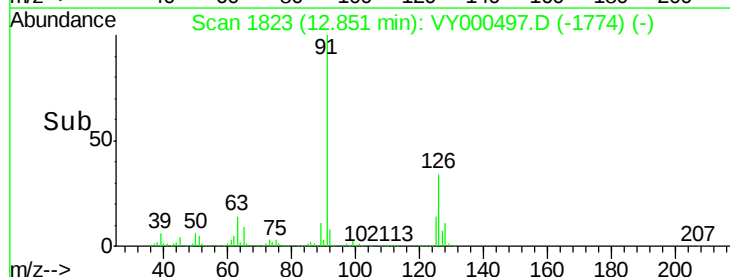
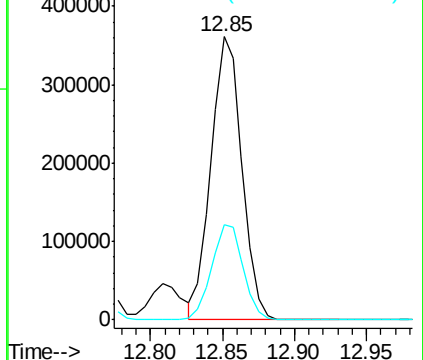
Lab File: VY000497.D

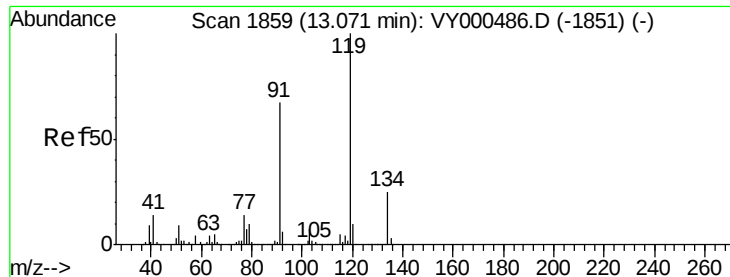
Acq: 31 Oct 2019 11:35

Tgt Ion:	91	Resp:	540816
Ion	Ratio	Lower	Upper
91	100		
126	34.4	17.6	52.9



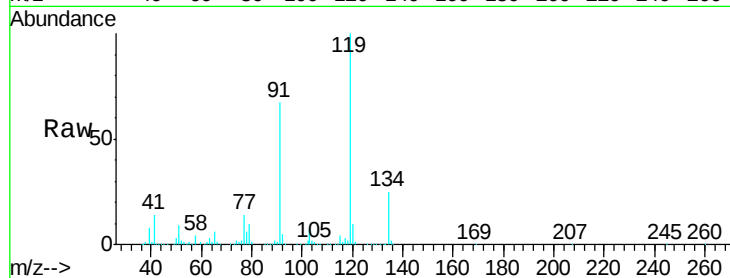
Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 125.90 (125.60 to 126.60): V



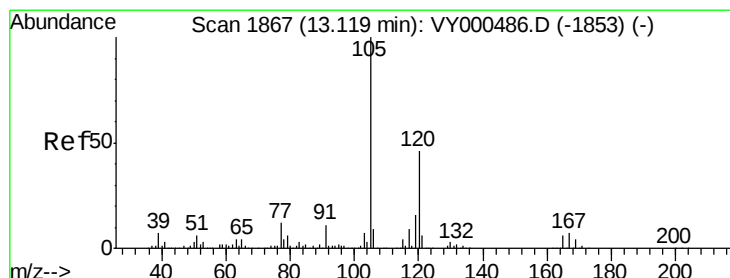
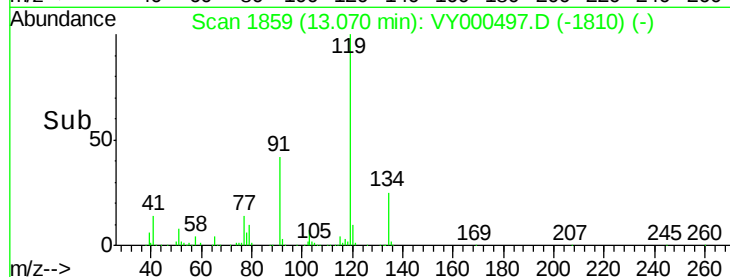
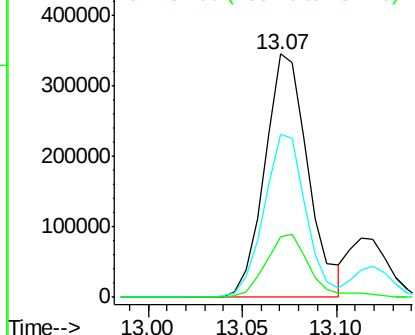


#83
 tert-Butylbenzene
 Concen: 52.116 ug/l
 RT: 13.07 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VY000497.D
 Acq: 31 Oct 2019 11:35

Tgt Ion:119 Resp: 551916
 Ion Ratio Lower Upper
 119 100
 91 64.5 32.1 96.3
 134 26.4 13.2 39.5

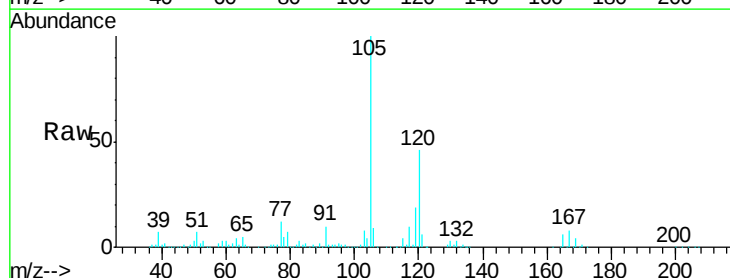


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VY0
 Ion 134.00 (133.70 to 134.70): V

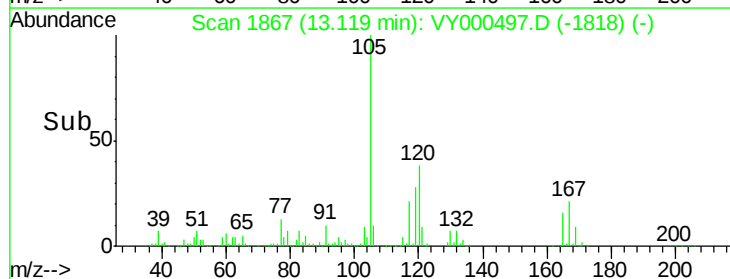
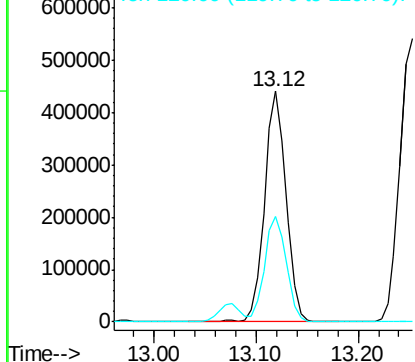


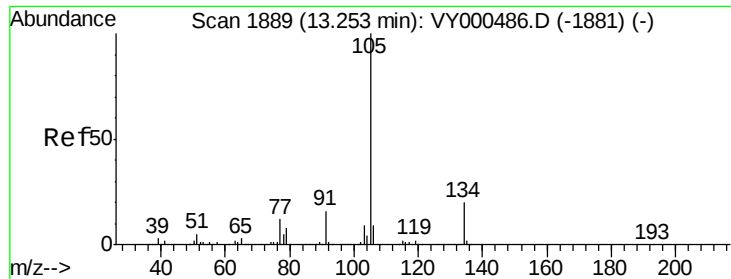
#84
 1,2,4-Trimethylbenzene
 Concen: 52.170 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VY000497.D
 Acq: 31 Oct 2019 11:35

Tgt Ion:105 Resp: 644255
 Ion Ratio Lower Upper
 105 100
 120 46.5 23.3 69.9



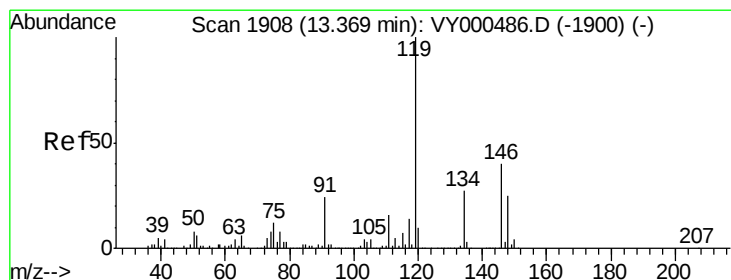
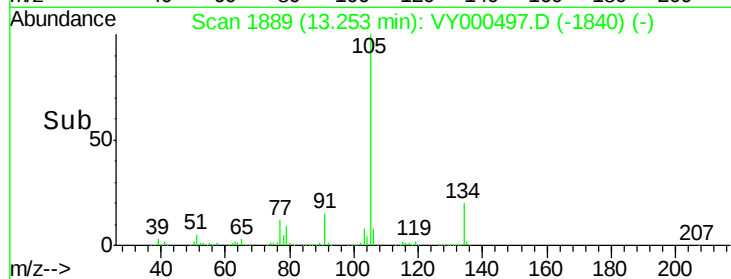
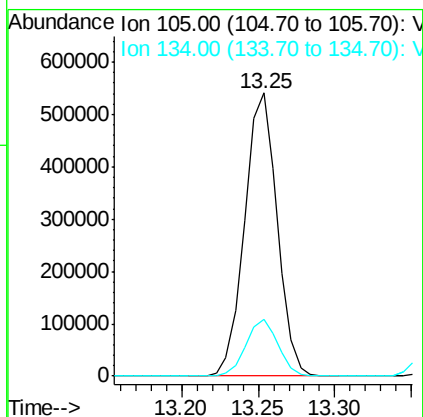
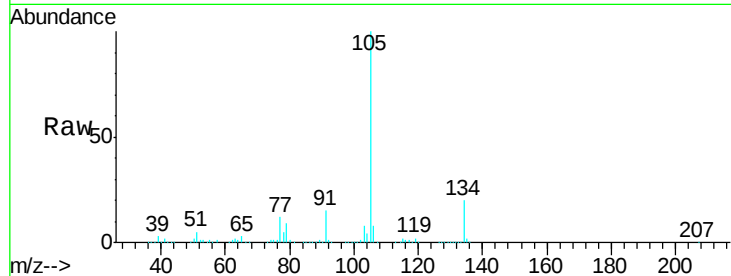
Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





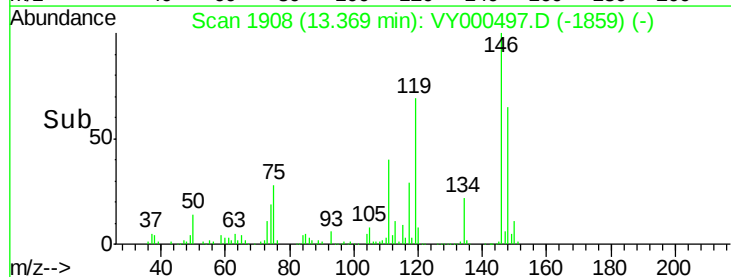
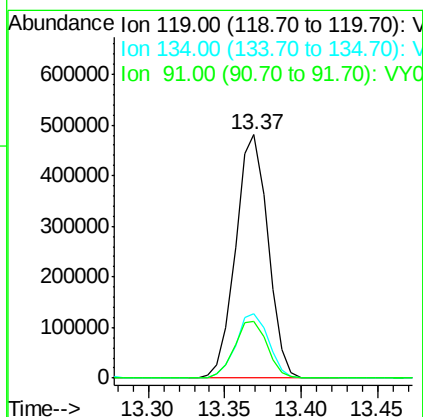
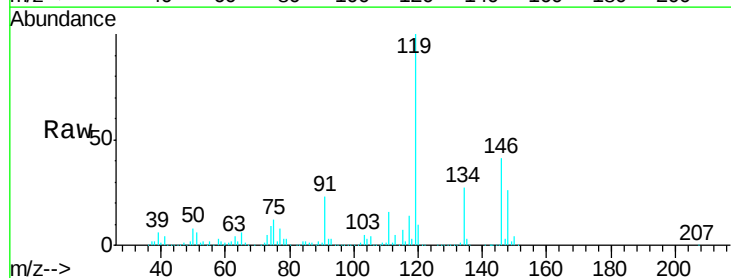
#85
 sec-Butylbenzene
 Concen: 52.894 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VY000497.D
 Acq: 31 Oct 2019 11:35

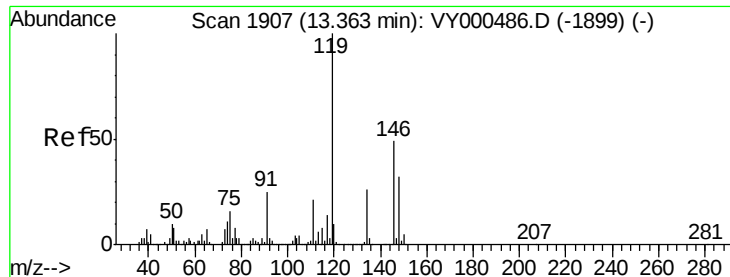
Tgt Ion:105 Resp: 798065
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 52.263 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: VY000497.D
 Acq: 31 Oct 2019 11:35

Tgt Ion:119 Resp: 702795
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.6 40.8
 91 23.8 12.0 36.1





#87

1,3-Dichlorobenzene

Concen: 50.375 ug/l

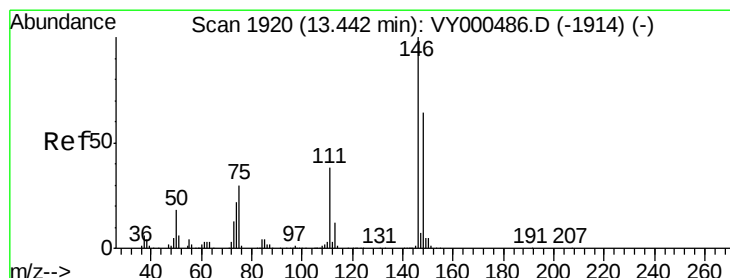
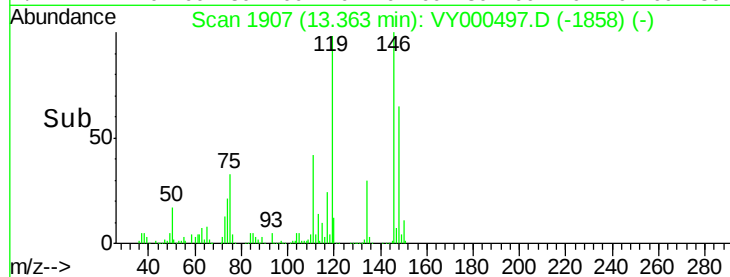
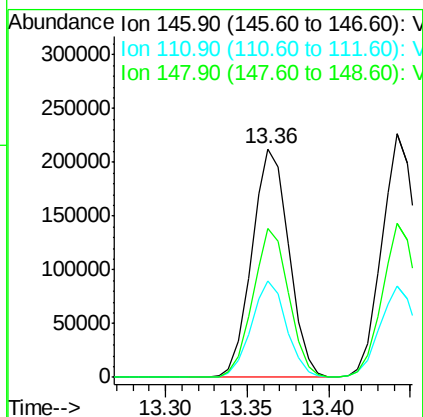
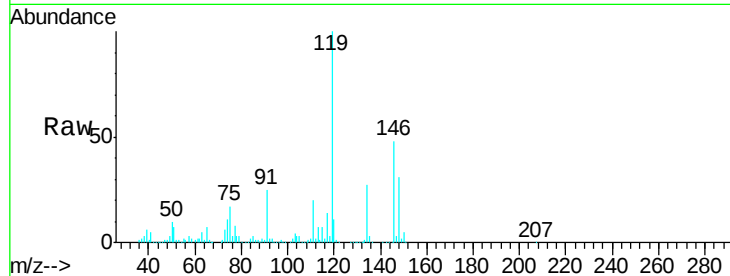
RT: 13.36 min Scan# 1907

Delta R.T. -0.00 min

Lab File: VY000497.D

Acq: 31 Oct 2019 11:35

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.3	60.8
148	63.3	31.5	94.5



#88

1,4-Dichlorobenzene

Concen: 51.454 ug/l

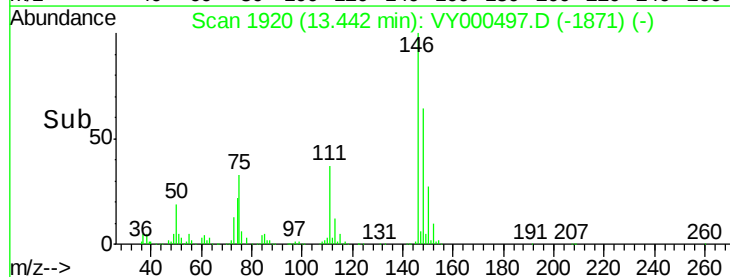
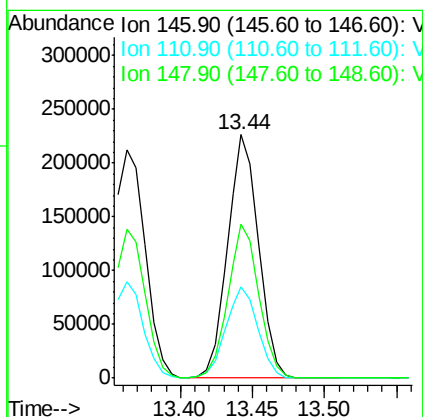
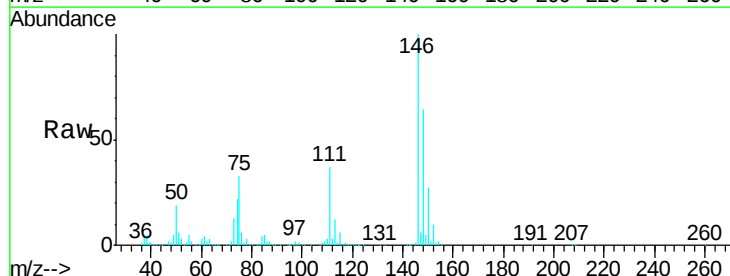
RT: 13.44 min Scan# 1920

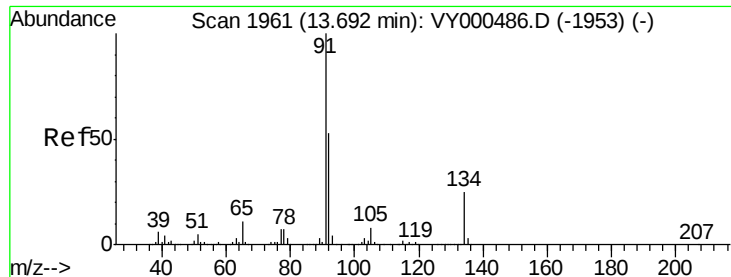
Delta R.T. -0.00 min

Lab File: VY000497.D

Acq: 31 Oct 2019 11:35

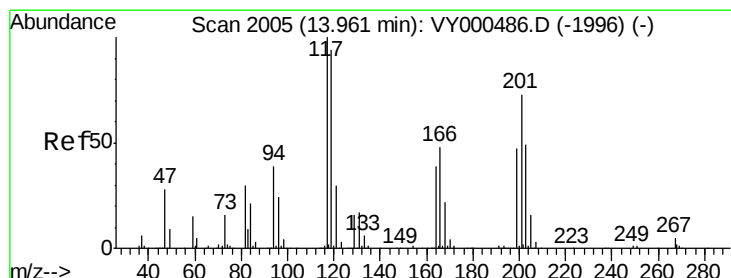
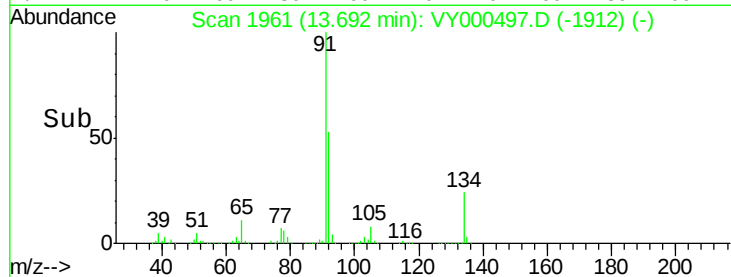
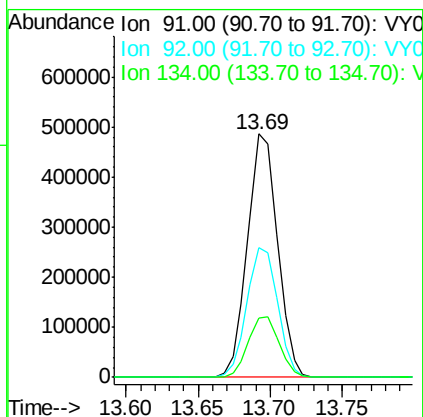
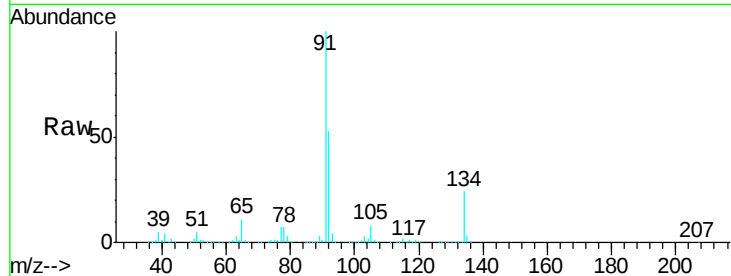
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.7	59.0
148	63.0	31.9	95.7





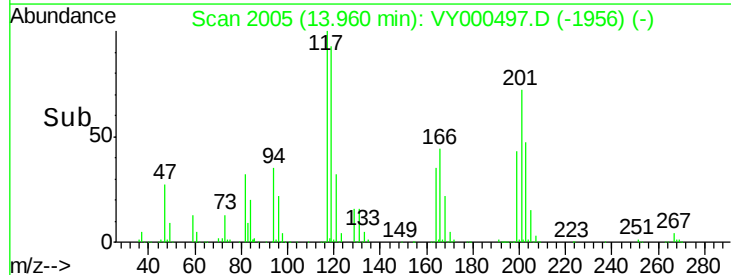
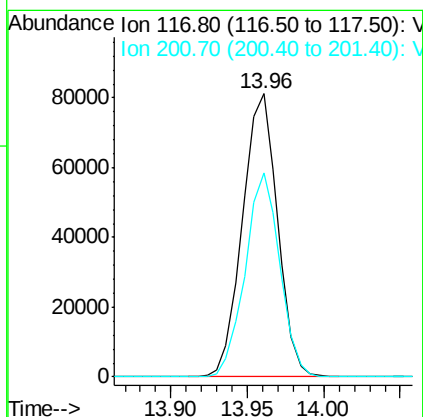
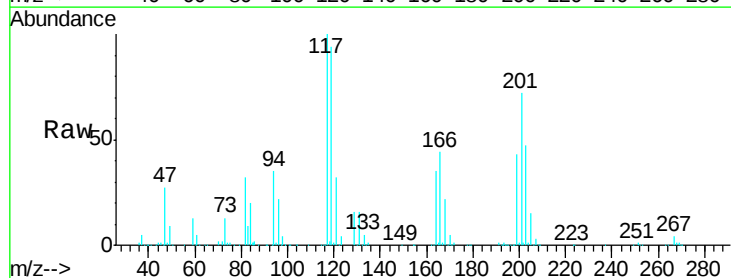
#89
n-Butylbenzene
Concen: 53.014 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY000497.D
Acq: 31 Oct 2019 11:35

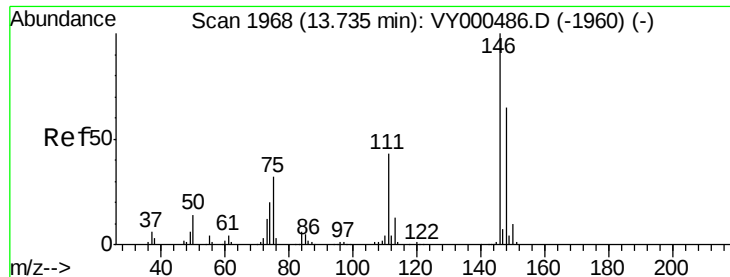
Tgt Ion: 91 Resp: 703127
Ion Ratio Lower Upper
91 100
92 54.4 26.8 80.3
134 25.5 12.9 38.7



#90
Hexachloroethane
Concen: 52.133 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY000497.D
Acq: 31 Oct 2019 11:35

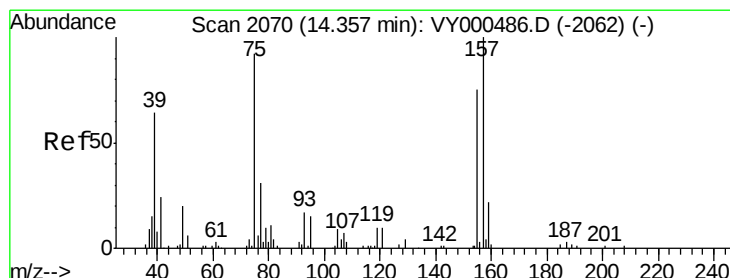
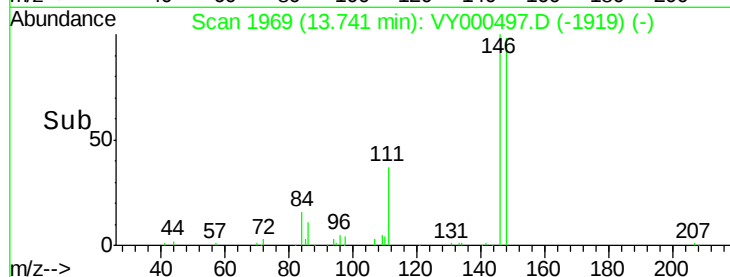
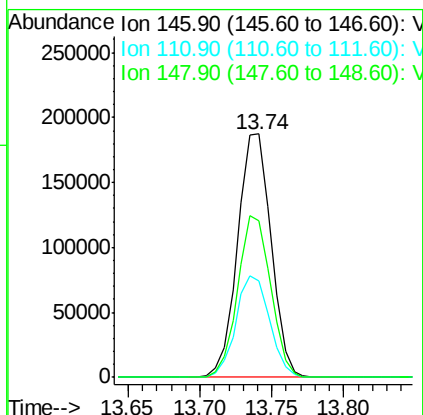
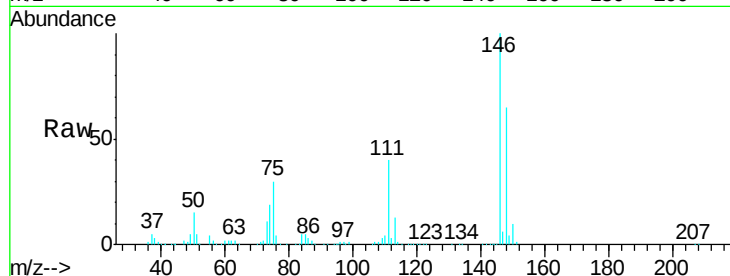
Tgt Ion: 117 Resp: 129603
Ion Ratio Lower Upper
117 100
201 71.0 35.8 107.3





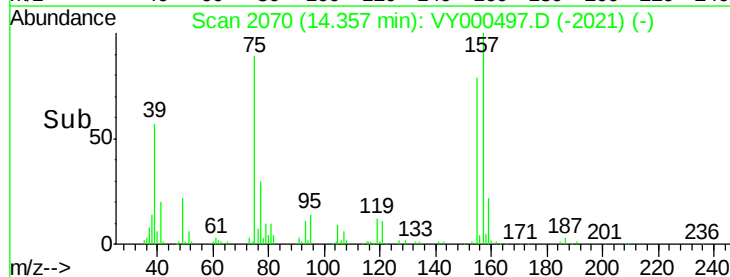
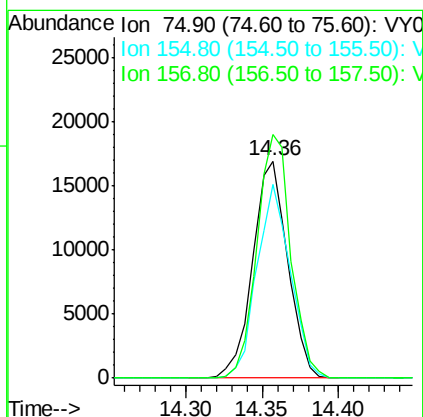
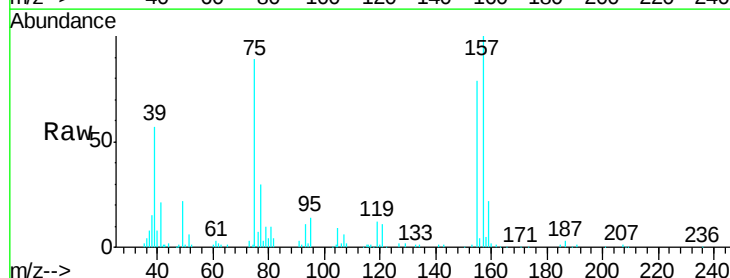
#91
 1,2-Dichlorobenzene
 Concen: 50.532 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.01 min
 Lab File: VY000497.D
 Acq: 31 Oct 2019 11:35

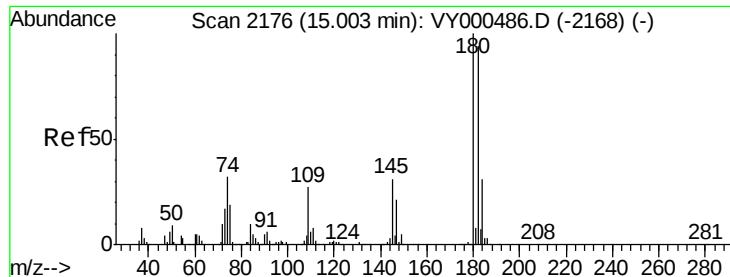
Tgt Ion: 146 Resp: 303274
 Ion Ratio Lower Upper
 146 100
 111 42.1 20.5 61.5
 148 65.2 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.644 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY000497.D
 Acq: 31 Oct 2019 11:35

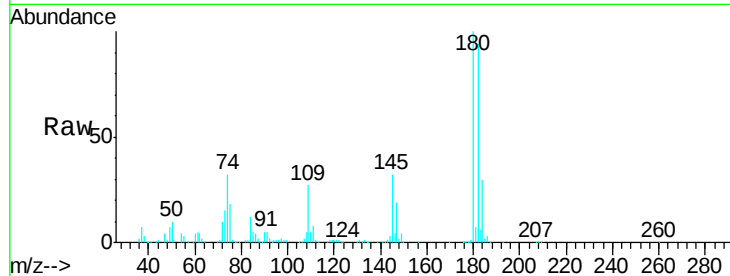
Tgt Ion: 75 Resp: 26951
 Ion Ratio Lower Upper
 75 100
 155 85.6 42.4 127.1
 157 109.3 55.1 165.3



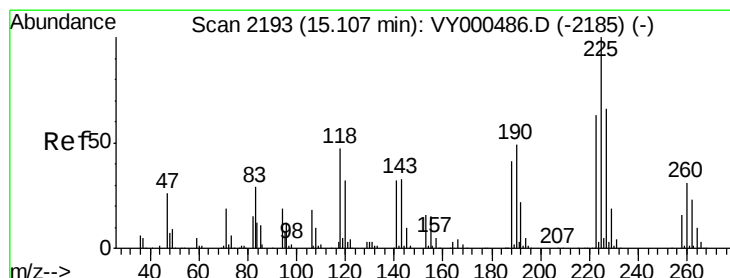
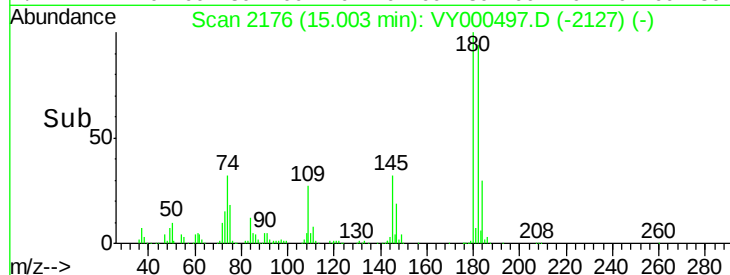
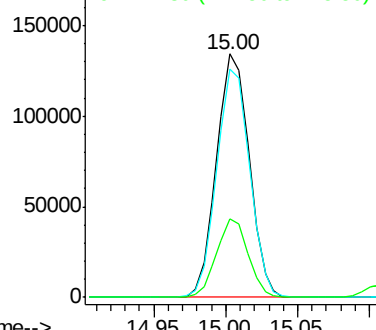


#93
 1,2,4-Trichlorobenzene
 Concen: 51.623 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY000497.D
 Acq: 31 Oct 2019 11:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	47.8	143.4
145	31.3	16.0	47.9

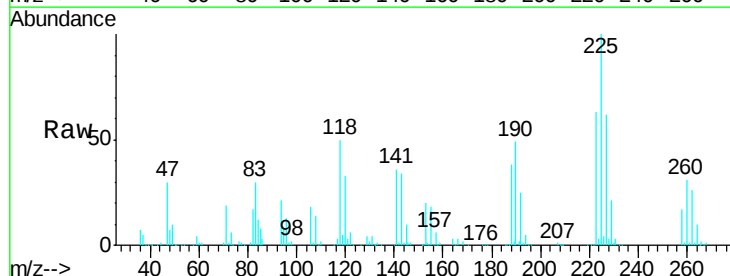


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

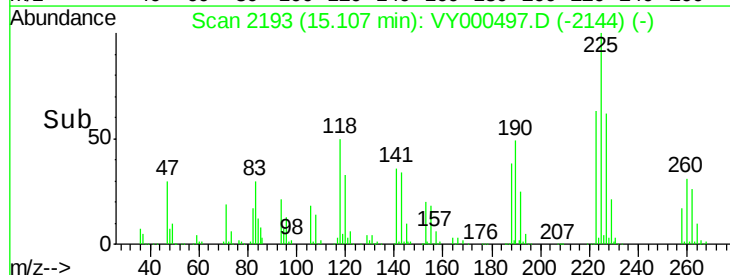
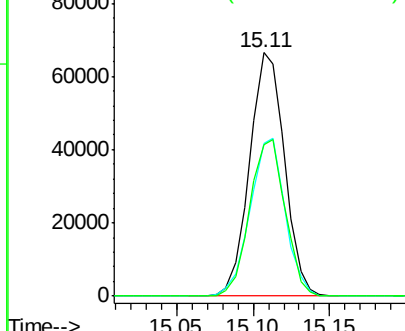


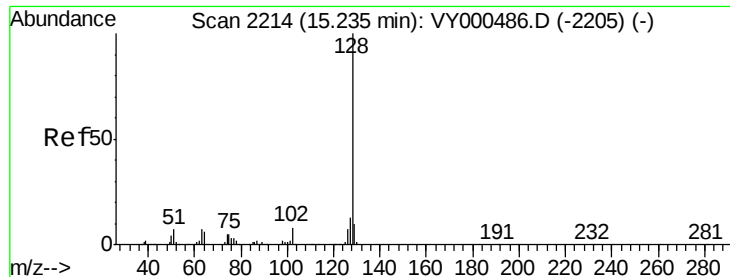
#94
 Hexachlorobutadiene
 Concen: 50.245 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: VY000497.D
 Acq: 31 Oct 2019 11:35

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.1	31.3	93.8
227	65.0	32.4	97.0



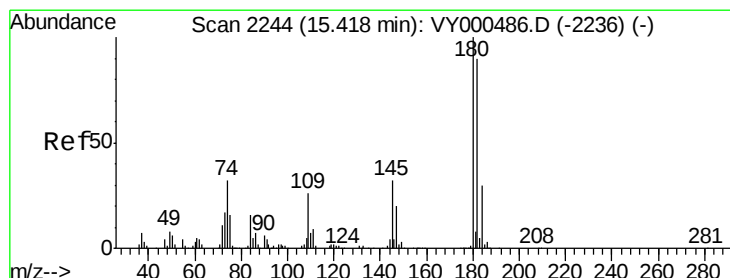
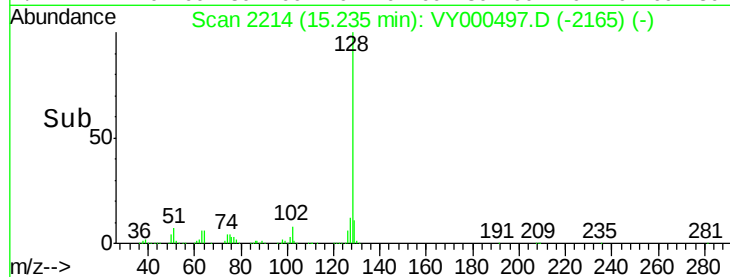
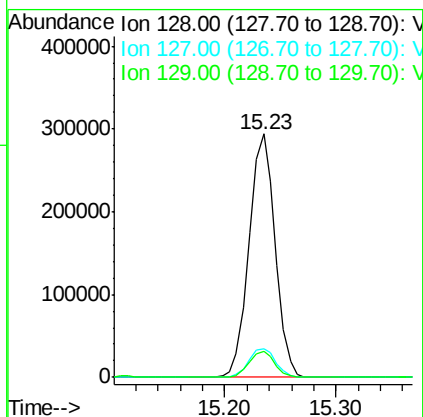
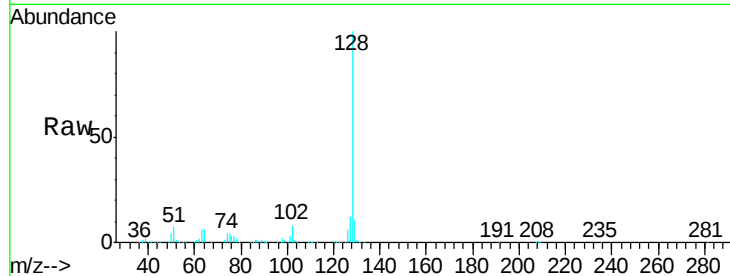
Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95
Naphthalene
Concen: 52.645 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY000497.D
Acq: 31 Oct 2019 11:35

Tgt Ion:	128	Resp:	477579
Ion	Ratio	Lower	Upper
128	100		
127	12.4	9.8	14.6
129	10.7	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 50.396 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.01 min
Lab File: VY000497.D
Acq: 31 Oct 2019 11:35

Tgt Ion:	180	Resp:	184763
Ion	Ratio	Lower	Upper
180	100		
182	98.1	47.4	142.3
145	33.7	15.7	47.0

