

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 05:48:47 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)

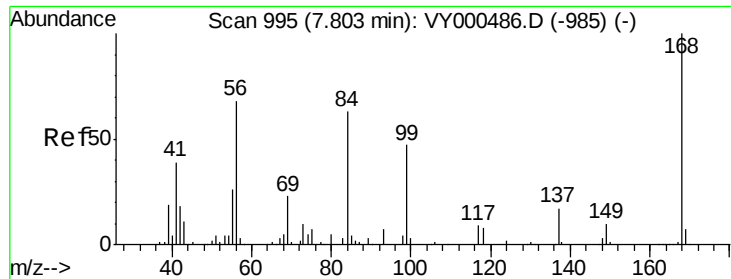
39) Methylcyclohexane	9.19	83	280036	51.655	ug/l	95
40) Benzene	8.17	78	624886	50.793	ug/l	99
41) Methacrylonitrile	7.36	41	174821	125.786	ug/l #	7
42) 1,2-Dichloroethane	8.25	62	181418	51.992	ug/l	100
43) Isopropyl Acetate	8.28	43	249227	53.253	ug/l	98
44) Trichloroethene	8.94	130	163449	50.389	ug/l	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	212248	92.509	ug/l #	100
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

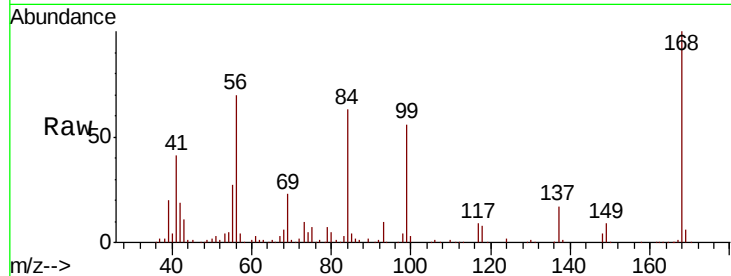
Acq: 31 Oct 2019 11:35

Tot 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) (-)

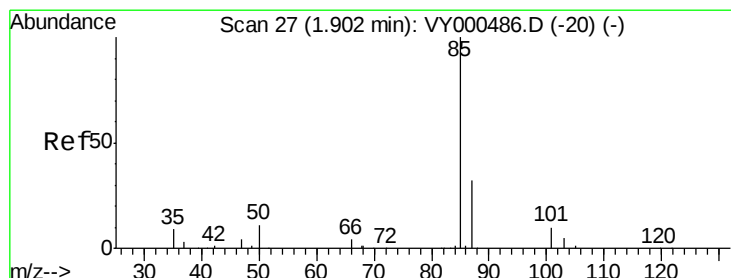
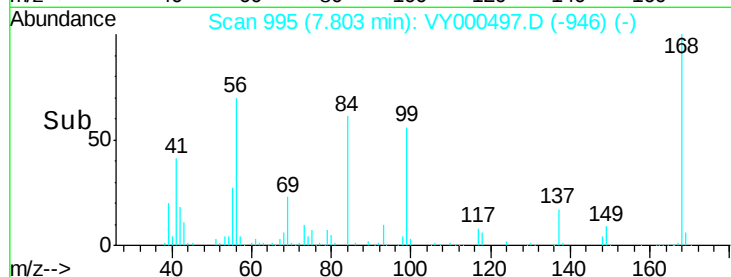
7.80

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

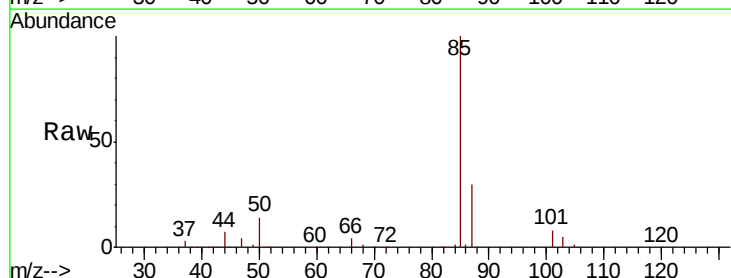
Acq: 31 Oct 2019 11:35

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

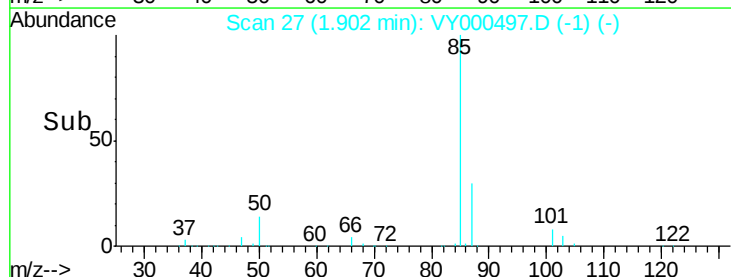
60000

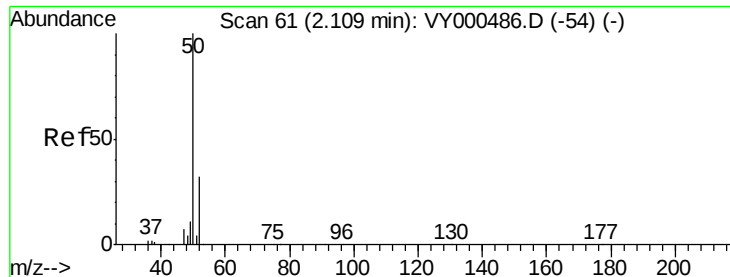
40000

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

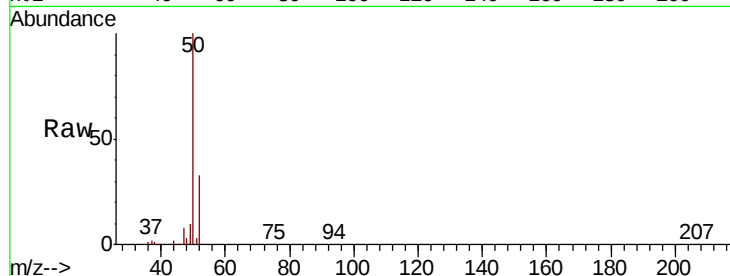
Acq: 31 Oct 2019 11:35

Tot Ion: 50 Resp: 186734

Ion Ratio Lower Upper

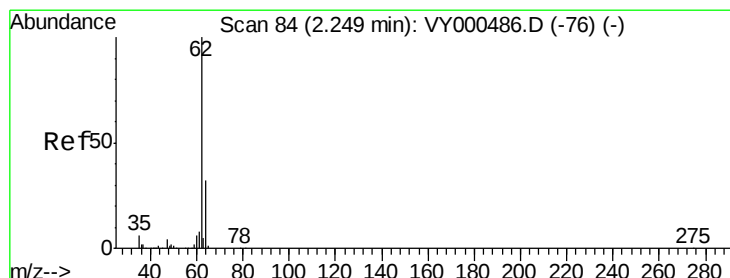
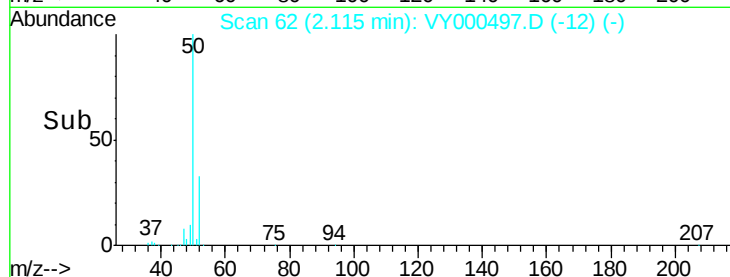
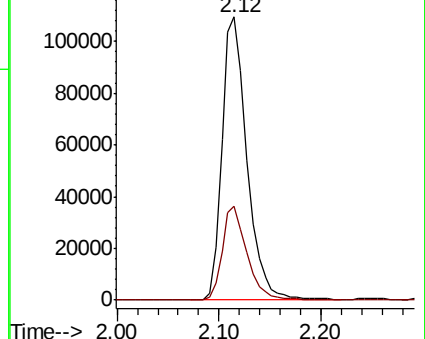
50 100

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

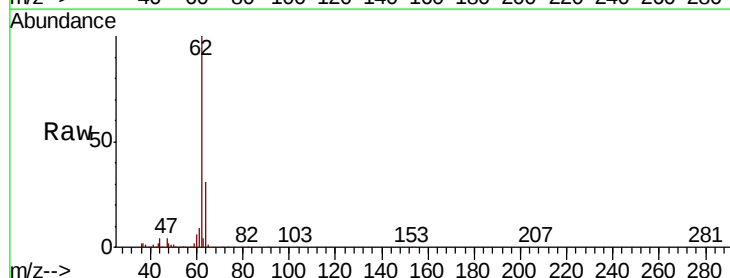
Acq: 31 Oct 2019 11:35

Tgt Ion: 62 Resp: 172520

Ion Ratio Lower Upper

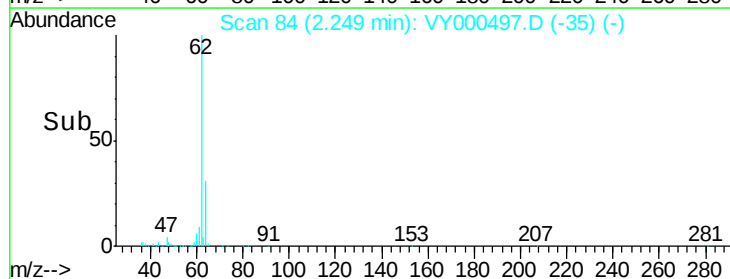
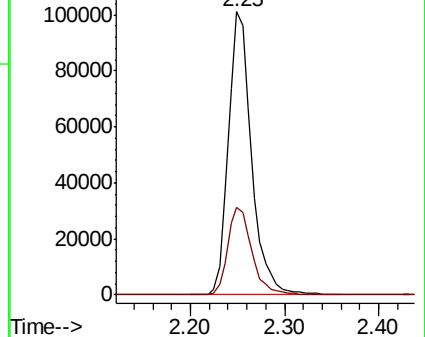
62 100

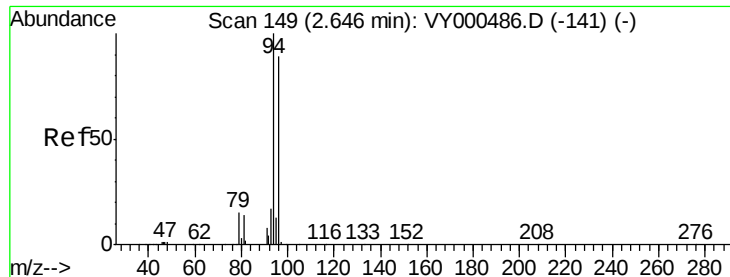
64 30.8 25.2 37.8



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

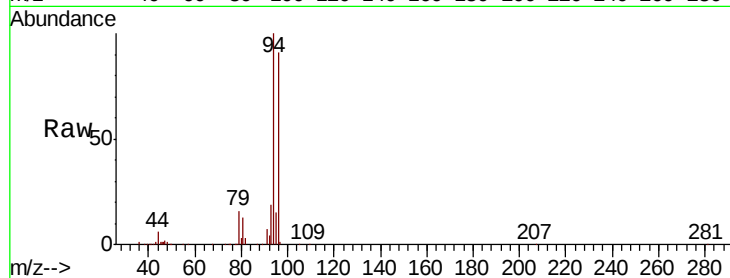
Acq: 31 Oct 2019 11:35

Tot Ion: 94 Resp: 99382

Ion Ratio Lower Upper

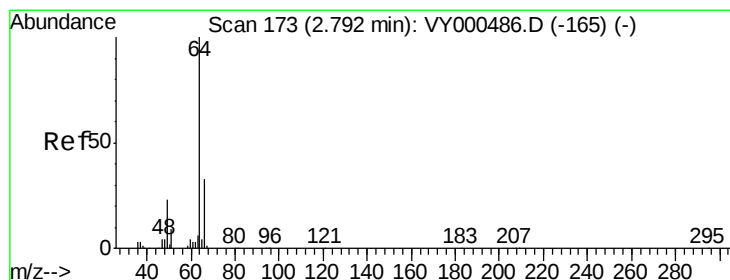
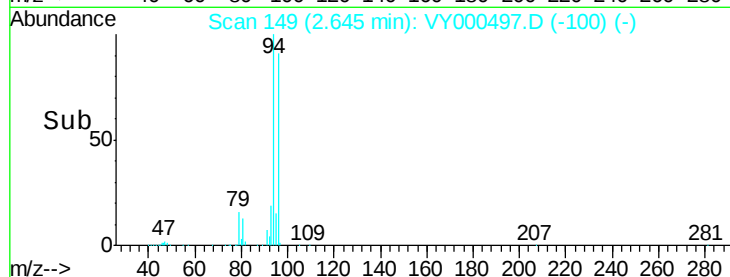
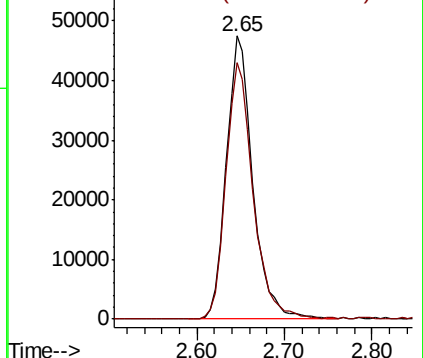
94 100

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

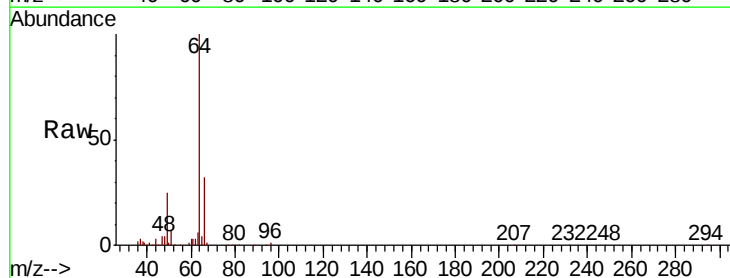
Acq: 31 Oct 2019 11:35

Tgt Ion: 64 Resp: 106730

Ion Ratio Lower Upper

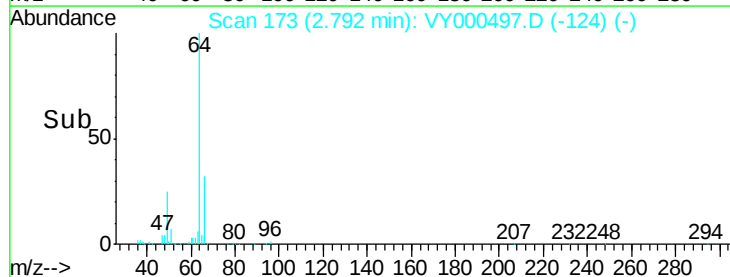
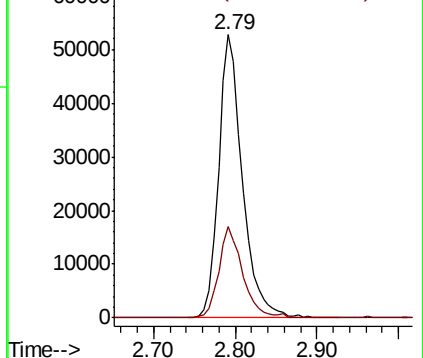
64 100

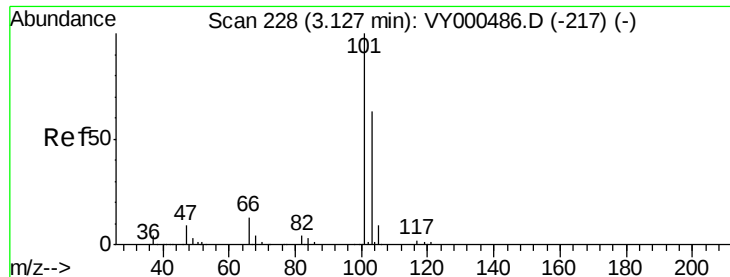
66 32.0 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

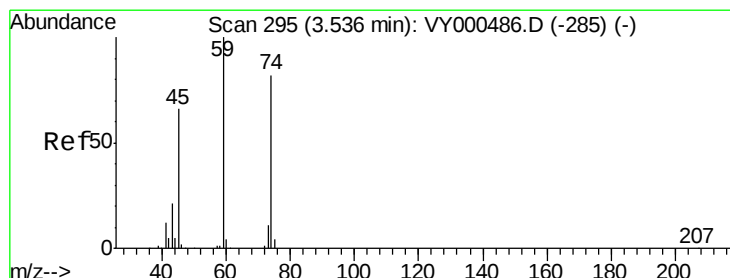
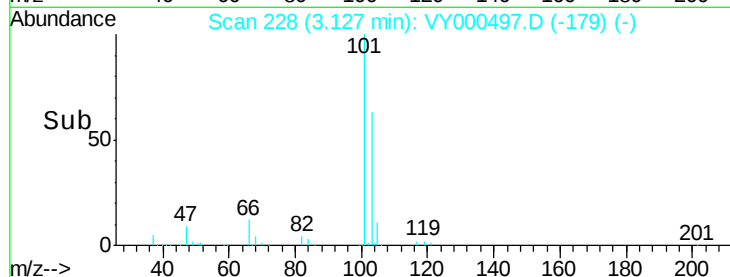
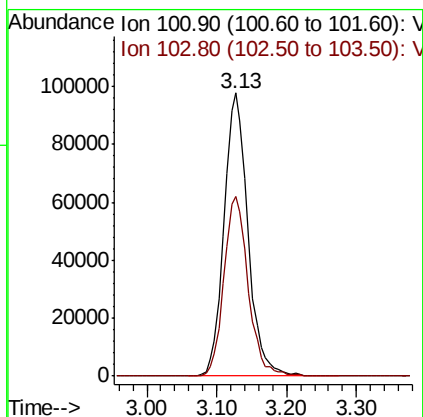
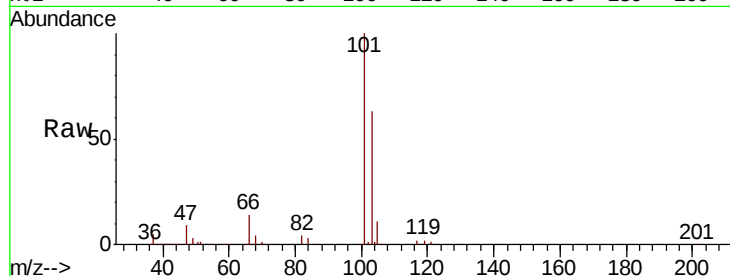




#7

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

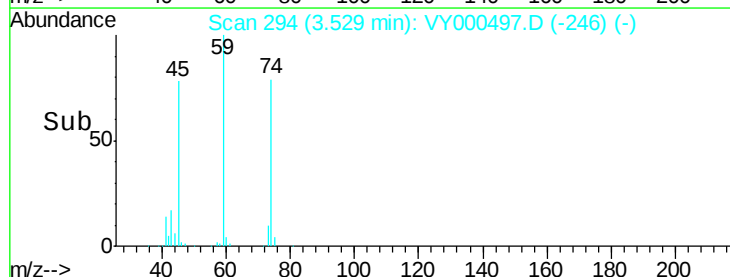
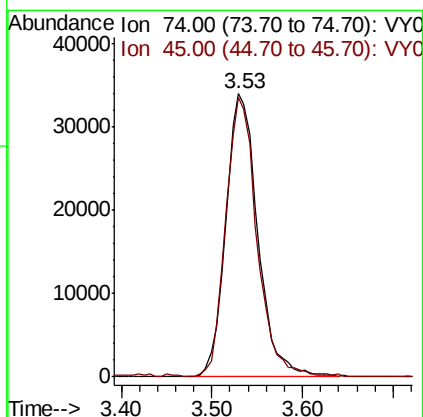
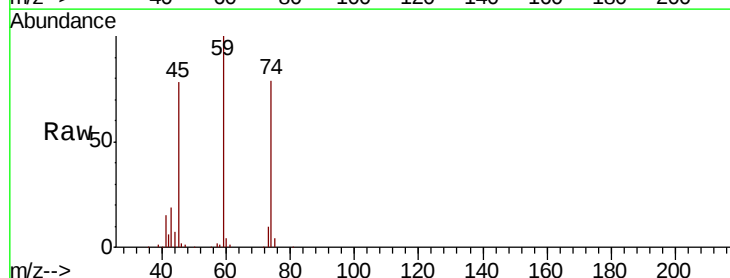
Tot Ion	101	Resp	231292
Ion Ratio	Lower	Upper	
101	100		
103	63.4	50.5	75.7

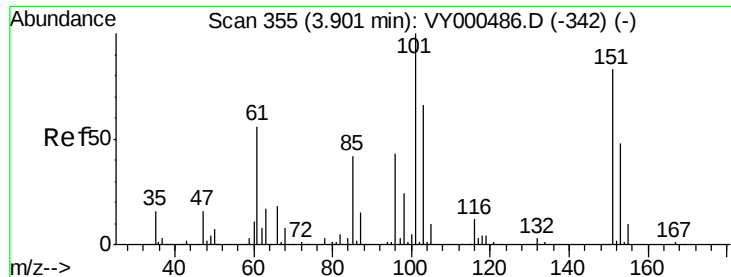


#8

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





#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

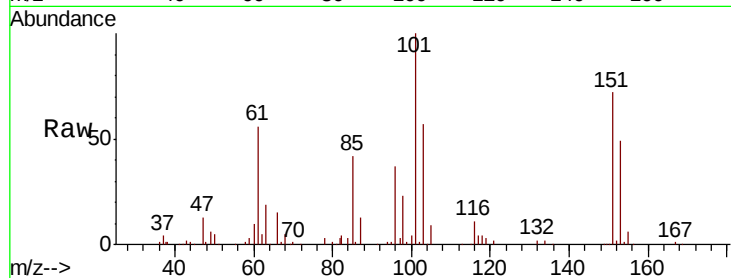
Tot Ion:101 Resp: 137249

Ion Ratio Lower Upper

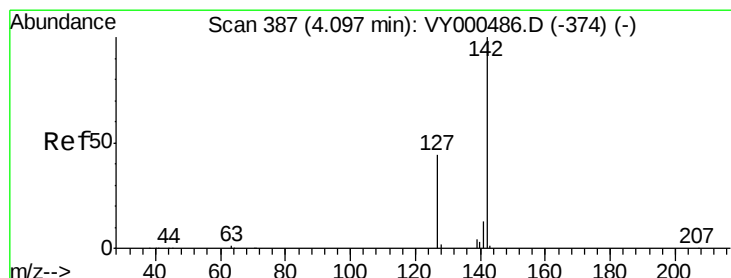
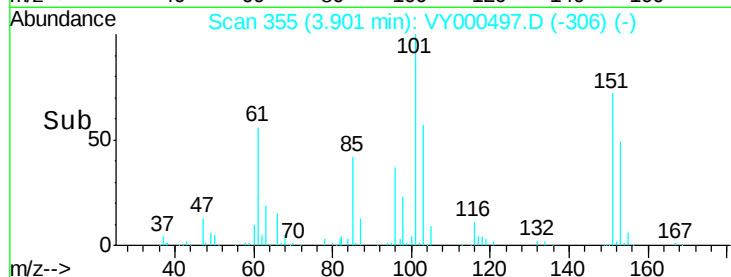
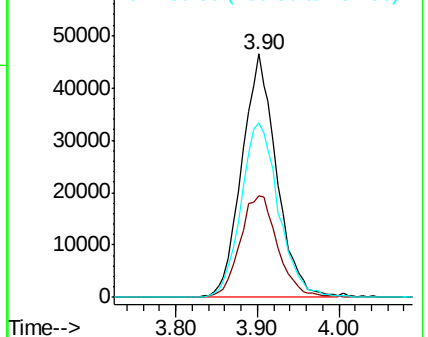
101 100

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

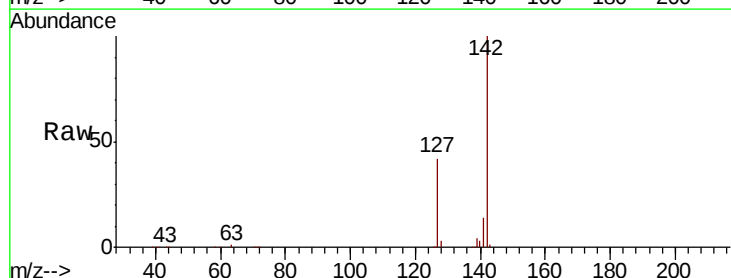
Tgt Ion:142 Resp: 184493

Ion Ratio Lower Upper

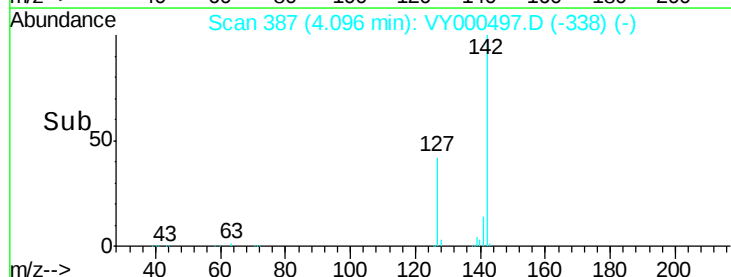
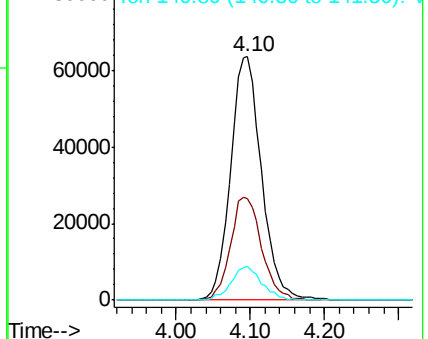
142 100

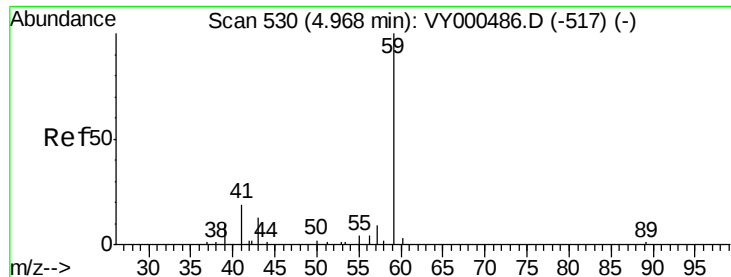
127 42.5 33.7 50.5

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

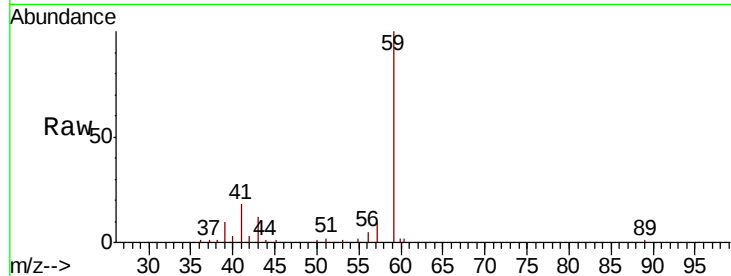




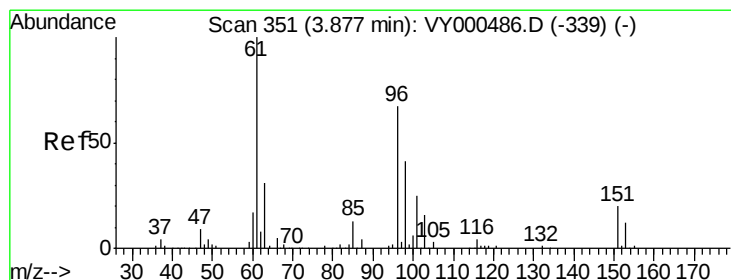
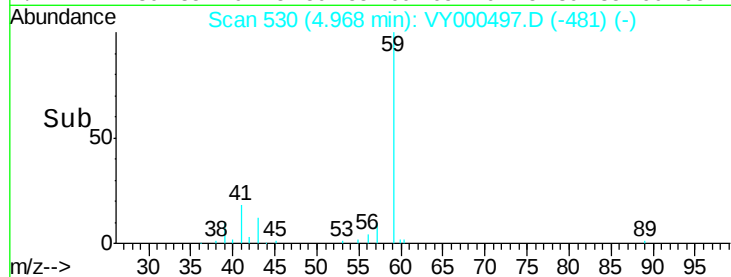
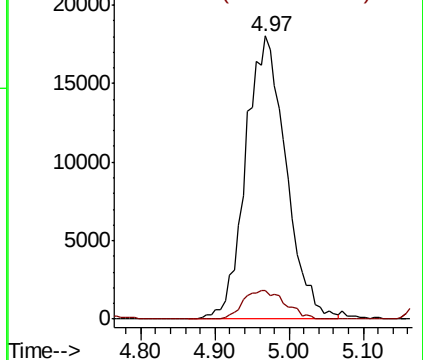
#11

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

Tot Ion: 59 Resp: 68437
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.6 12.8



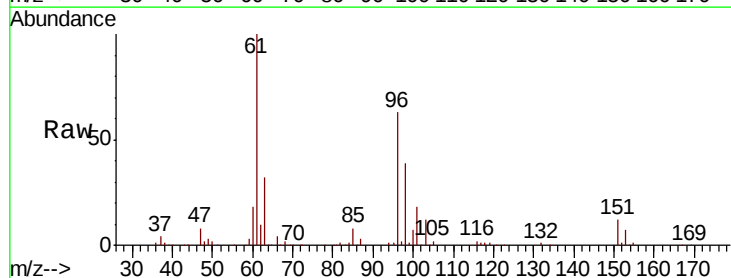
Abundance Ion 59.00 (58.70 to 59.70): VY0
 Ion 57.00 (56.70 to 57.70): VY0



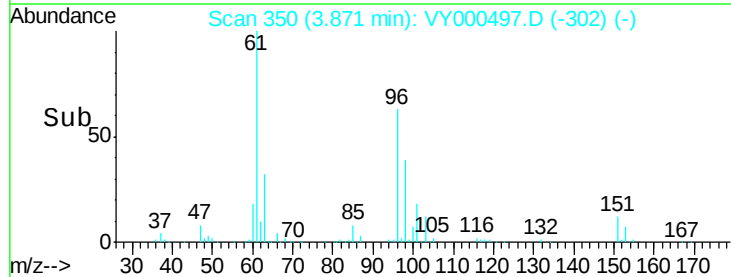
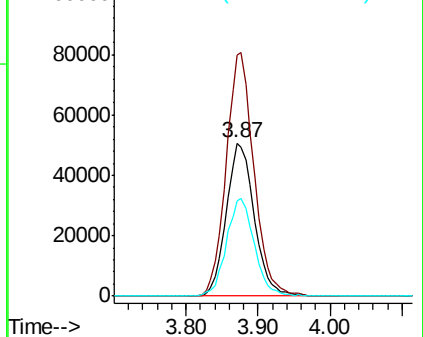
#12

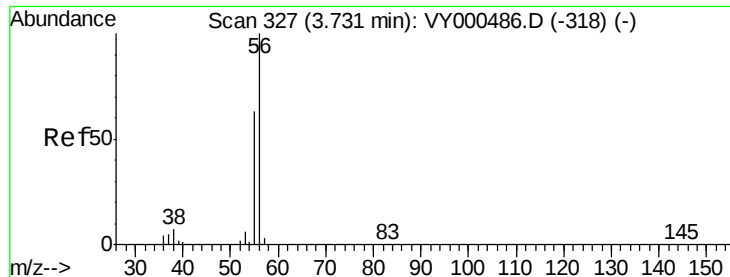
1,1-Dichloroethene
 Concen: 51.679 ug/l
 RT: 3.87 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VY000497.D
 Acq: 31 Oct 2019 11:35

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





#13

Acrolein

Concen: 262.521 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.01 min

Lab File: VY000497.D

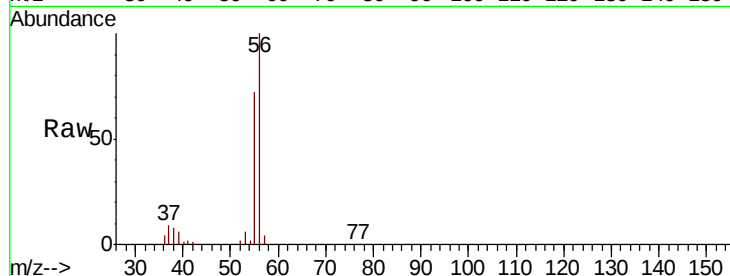
Acq: 31 Oct 2019 11:35

Tot Ion: 56 Resp: 61129

Ion Ratio Lower Upper

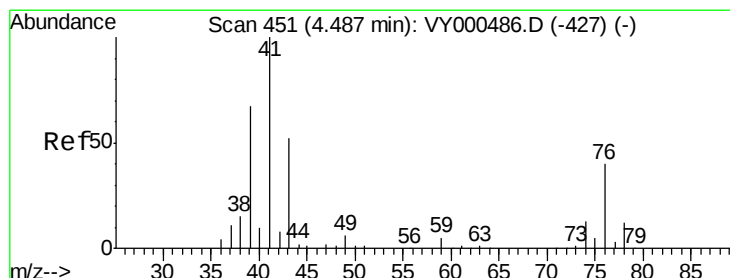
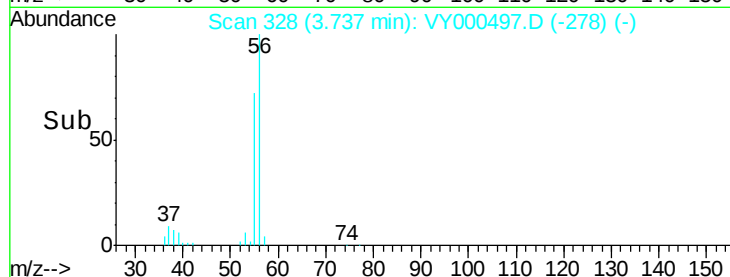
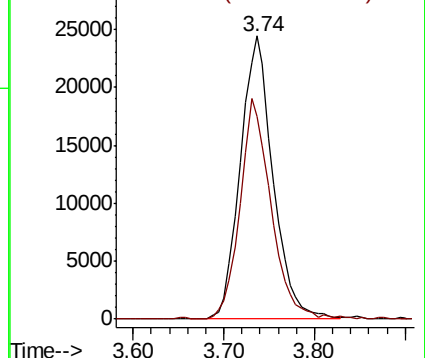
56 100

55 73.7 57.0 85.6



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#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

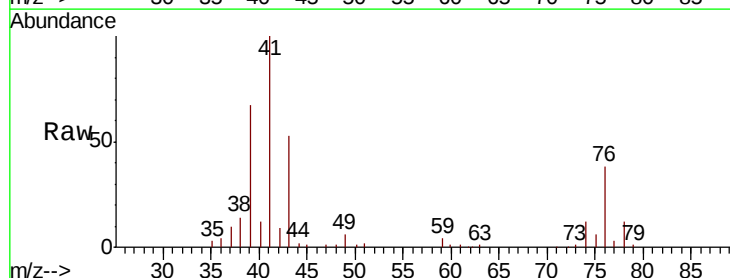
Tgt Ion: 41 Resp: 237047

Ion Ratio Lower Upper

41 100

39 65.6 53.6 80.4

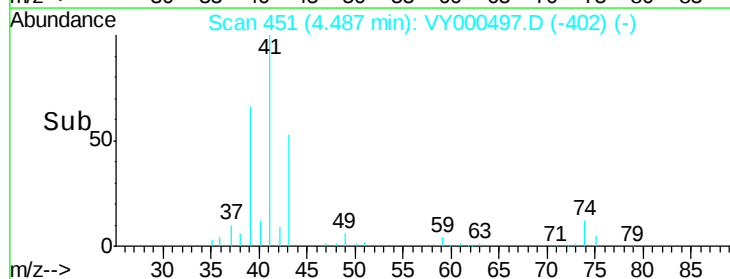
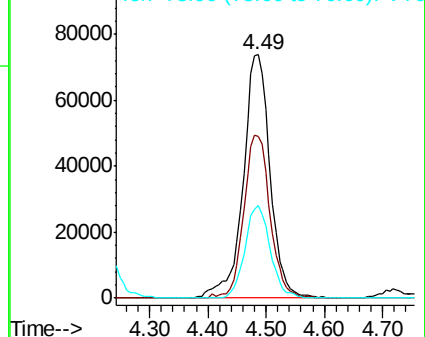
76 35.7 29.8 44.6

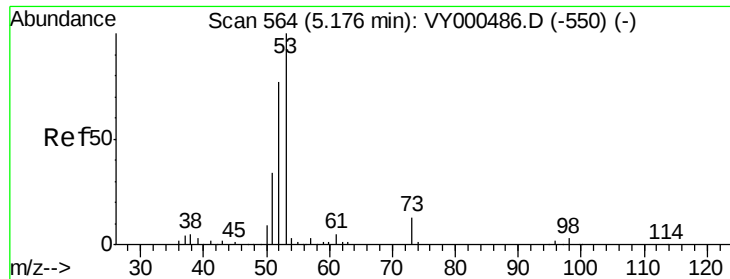


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 264.786 ug/l

RT: 5.18 min Scan# 564

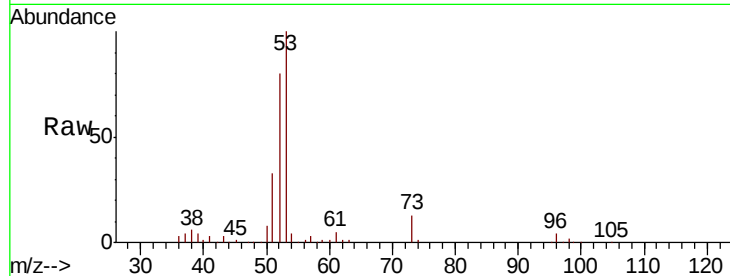
Delta R.T. -0.00 min

Lab File: VY000497.D

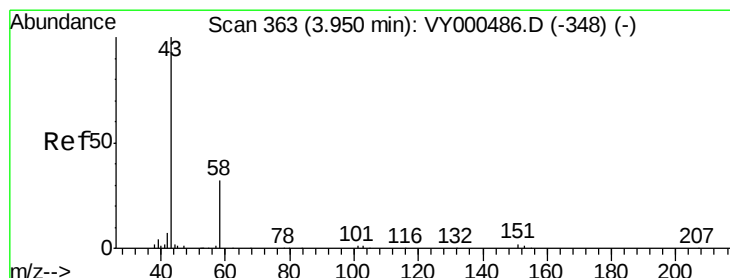
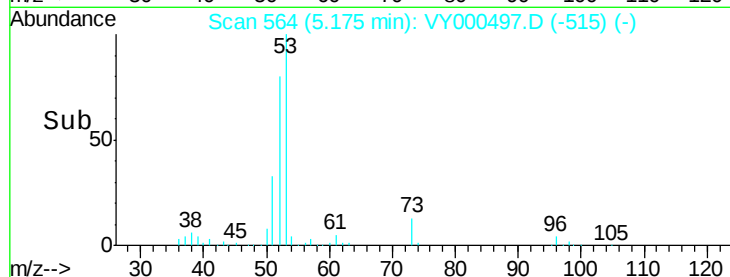
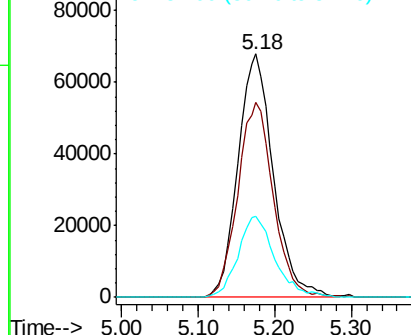
Acq: 31 Oct 2019 11:35

Tot 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): VY0
Ion 52.00 (51.70 to 52.70): VY0
Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 298.202 ug/l

RT: 3.96 min Scan# 364

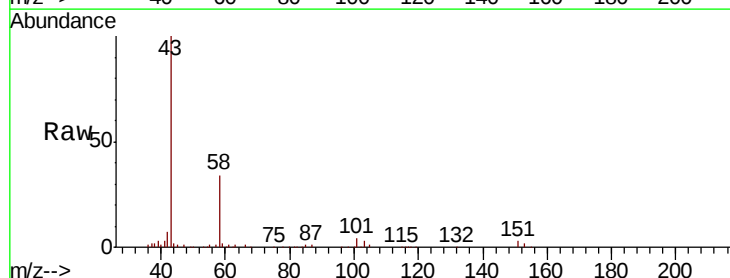
Delta R.T. 0.01 min

Lab File: VY000497.D

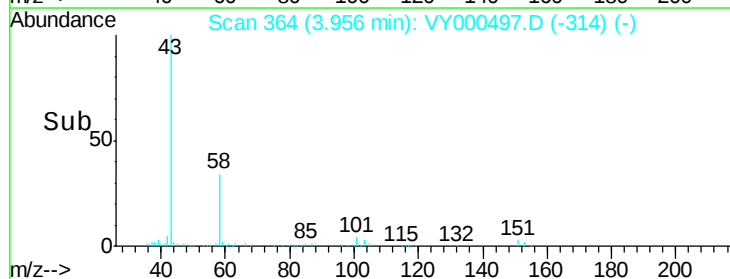
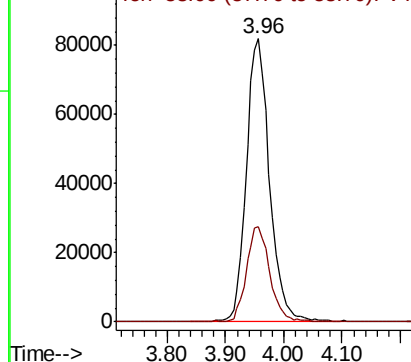
Acq: 31 Oct 2019 11:35

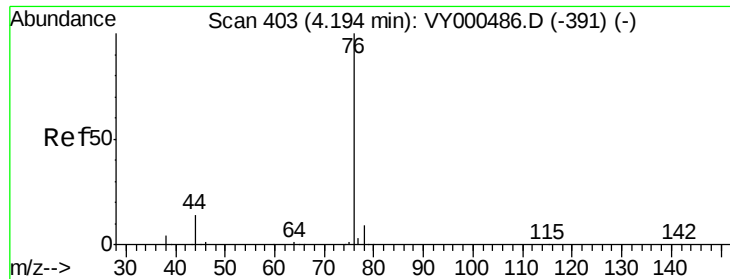
Tgt Ion: 43 Resp: 225703

Ion	Ratio	Lower	Upper
43	100		
58	33.7	25.8	38.6



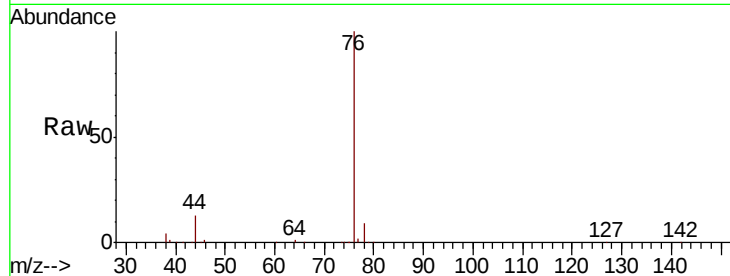
Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0



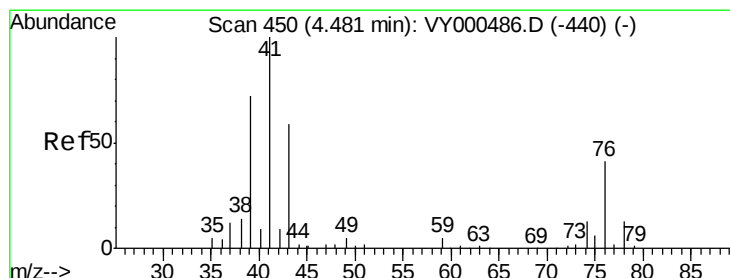
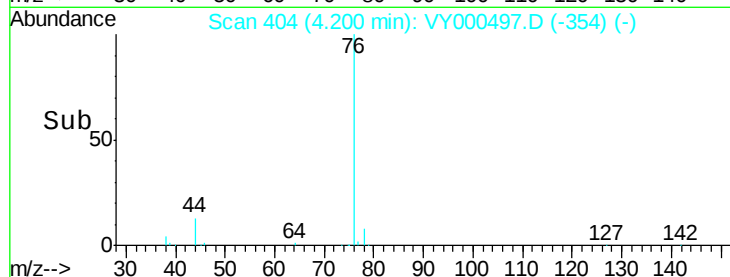
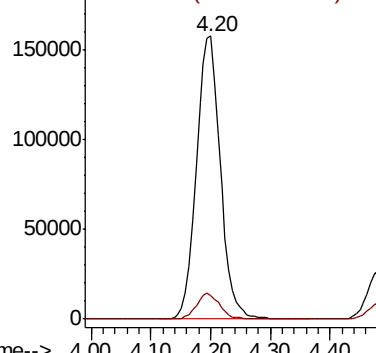


#17
Carbon Disulfide
Concen: 52.496 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.01 min
Lab File: VY000497.D
Acq: 31 Oct 2019 11:35

Tot Ion: 76 Resp: 438884
Ion Ratio Lower Upper
76 100
78 8.5 7.5 11.3

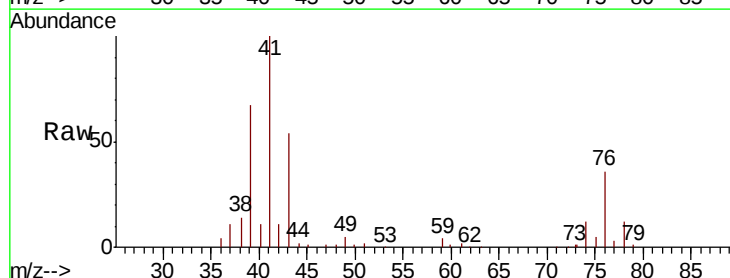


Abundance Ion 75.90 (75.60 to 76.60): VY0
Ion 77.90 (77.60 to 78.60): VY0

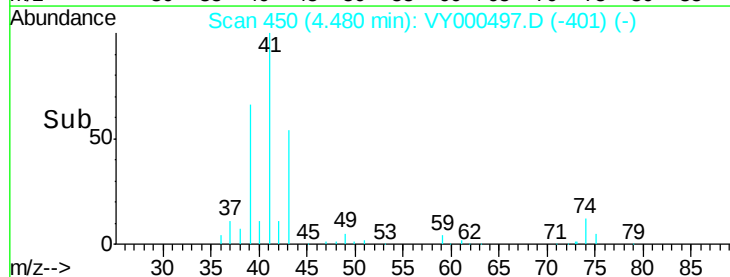
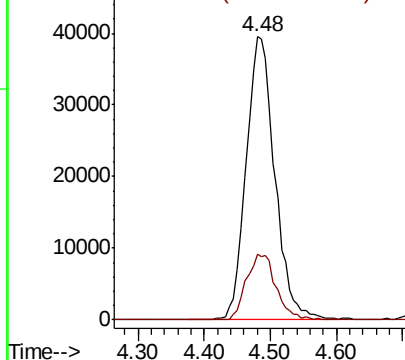


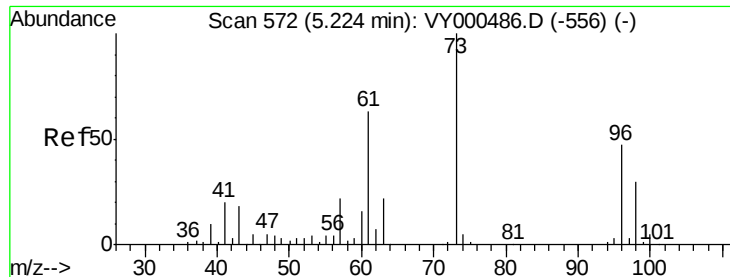
#18
Methyl Acetate
Concen: 50.634 ug/l
RT: 4.48 min Scan# 450
Delta R.T. -0.00 min
Lab File: VY000497.D
Acq: 31 Oct 2019 11:35

Tgt Ion: 43 Resp: 119162
Ion Ratio Lower Upper
43 100
74 23.9 19.2 28.8



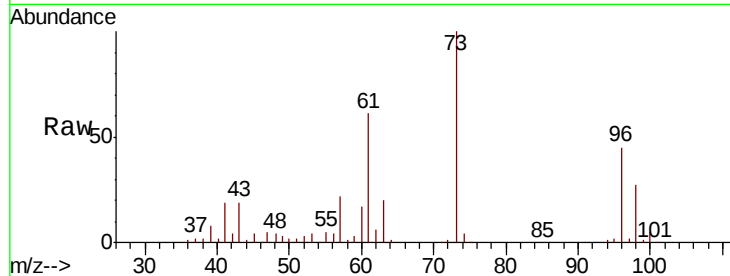
Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 74.00 (73.70 to 74.70): VY0



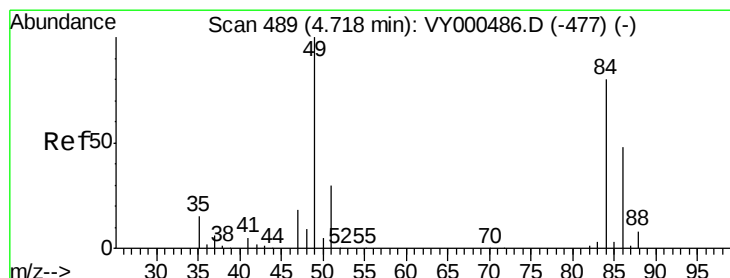
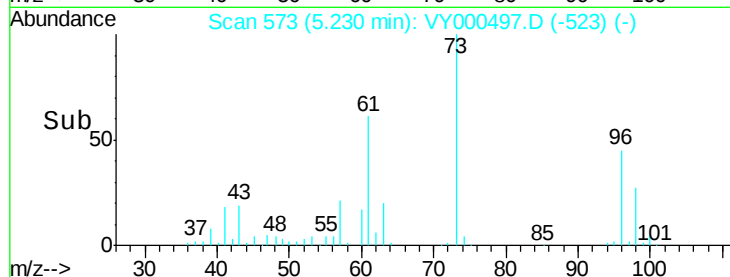
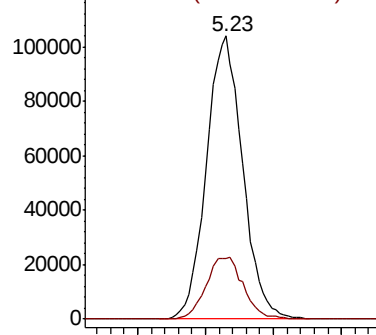


#19
Methyl tert-butyl Ether
Concen: 52.179 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.01 min
Lab File: VY000497.D
Acq: 31 Oct 2019 11:35

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

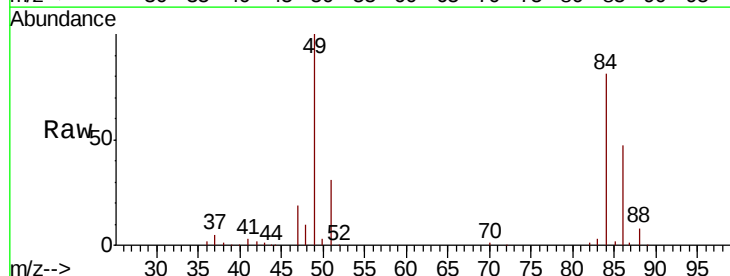


Abundance Ion 73.00 (72.70 to 73.70): VY0
Ion 57.00 (56.70 to 57.70): VY0

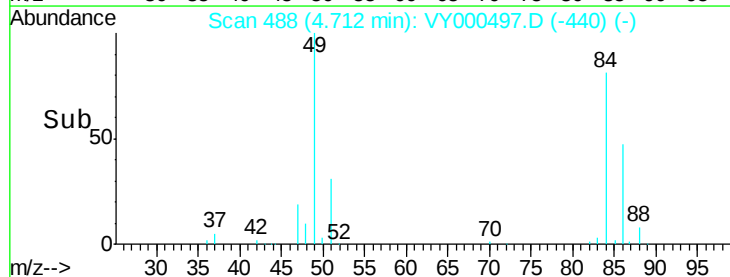
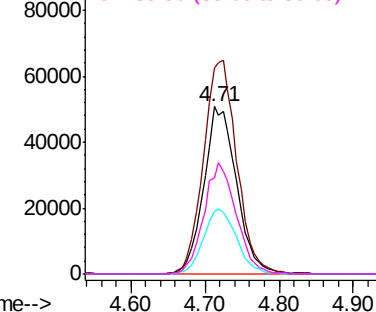


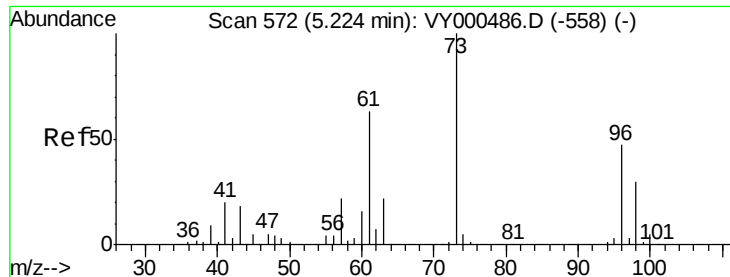
#20
Methylene Chloride
Concen: 48.395 ug/l
RT: 4.71 min Scan# 488
Delta R.T. -0.01 min
Lab File: VY000497.D
Acq: 31 Oct 2019 11:35

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



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





#21

trans-1,2-Dichloroethene

Concen: 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

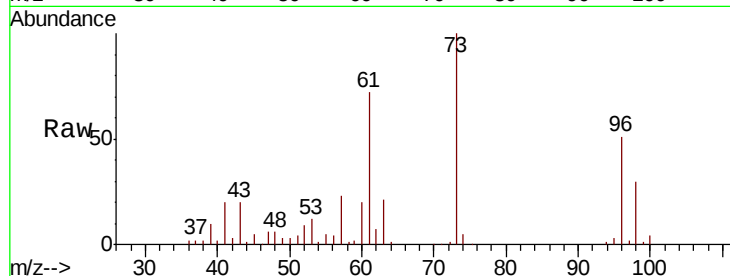
Tot Ion: 96 Resp: 155013

Ion Ratio Lower Upper

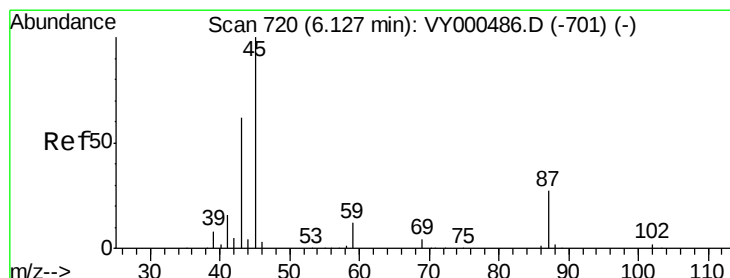
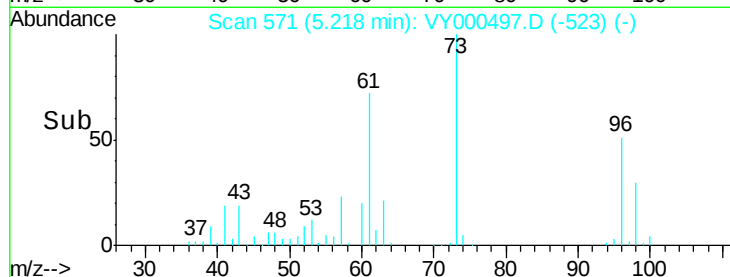
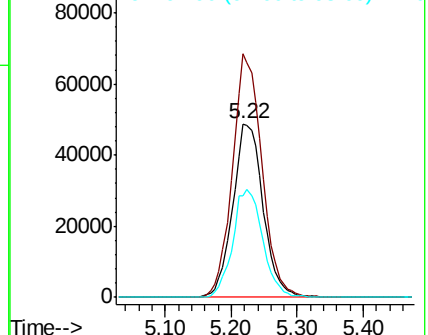
96 100

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

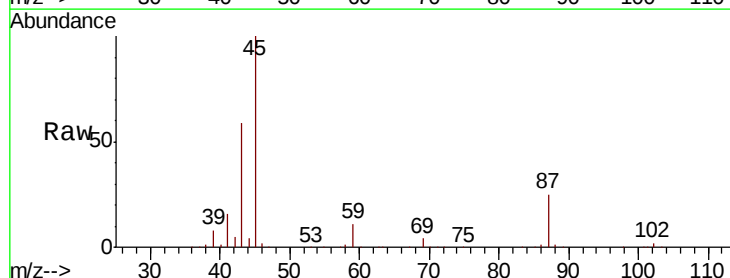
Ion Ratio Lower Upper

45 100

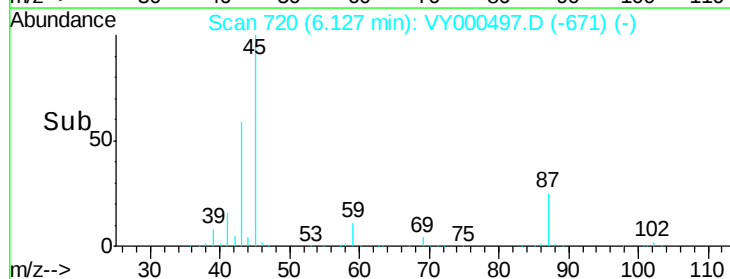
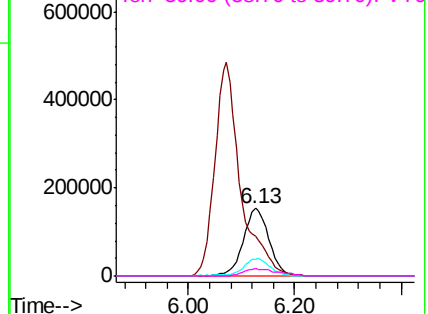
43 59.2 50.0 75.0

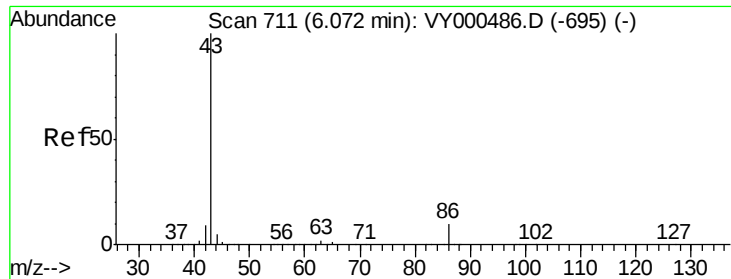
87 24.9 21.6 32.4

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

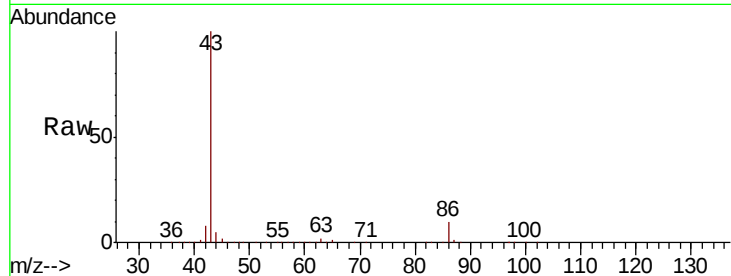
Acq: 31 Oct 2019 11:35

Tot Ion: 43 Resp: 1620362

Ion Ratio Lower Upper

43 100

86 10.1 7.8 11.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.07

500000

400000

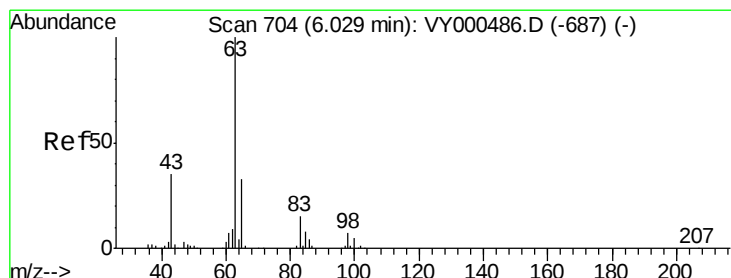
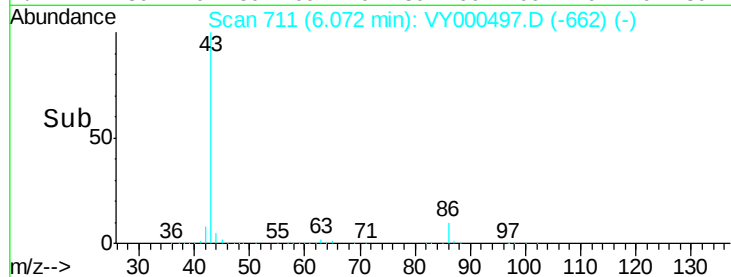
300000

200000

100000

0

Time-->



#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

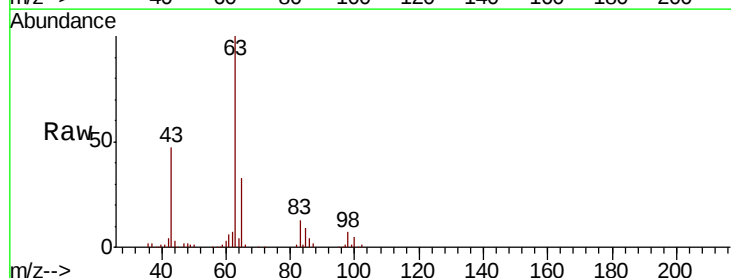
Tgt Ion: 63 Resp: 260725

Ion Ratio Lower Upper

63 100

98 6.6 3.5 10.6

100 4.8 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

6.03

100000

80000

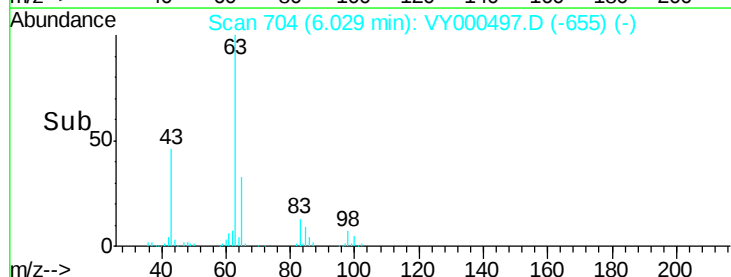
60000

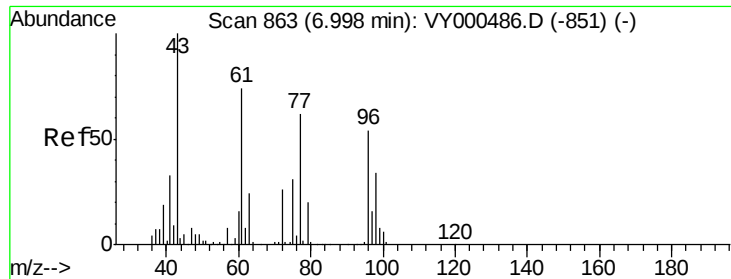
40000

20000

0

Time-->





#25

2-Butanone

Concen: 275.638 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.00 min

Lab File: VY000497.D

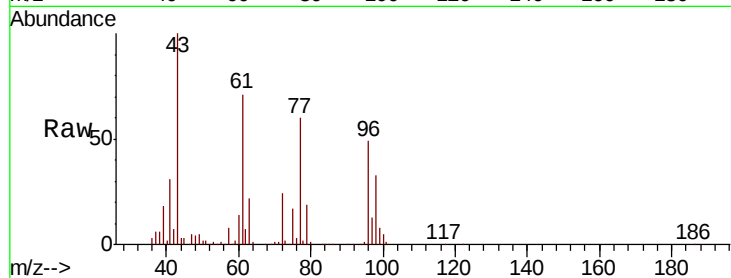
Acq: 31 Oct 2019 11:35

Tot Ion: 43 Resp: 332951

Ion Ratio Lower Upper

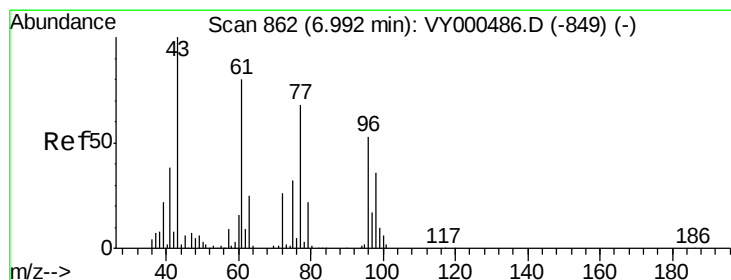
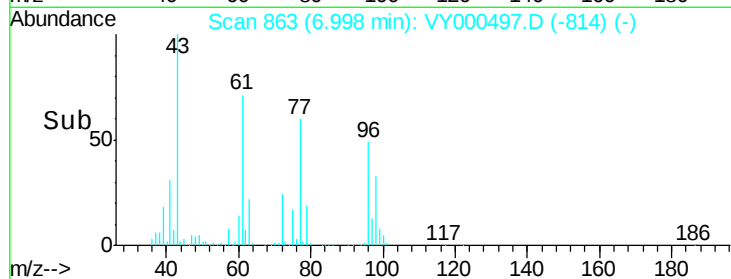
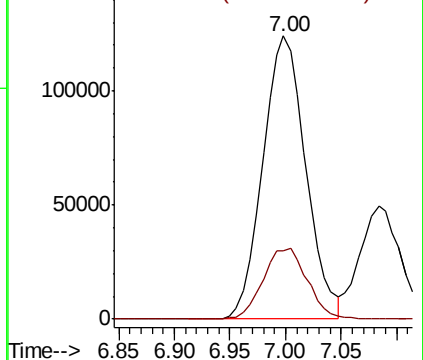
43 100

72 24.1 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 50.839 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY000497.D

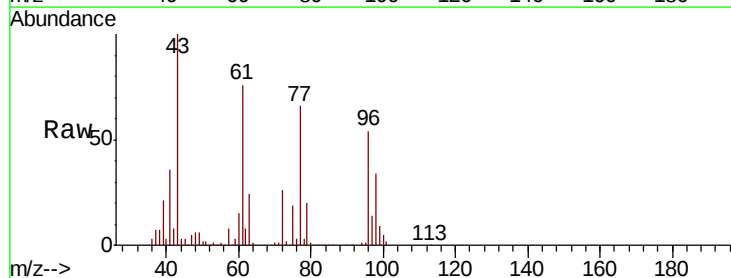
Acq: 31 Oct 2019 11:35

Tgt Ion: 77 Resp: 235795

Ion Ratio Lower Upper

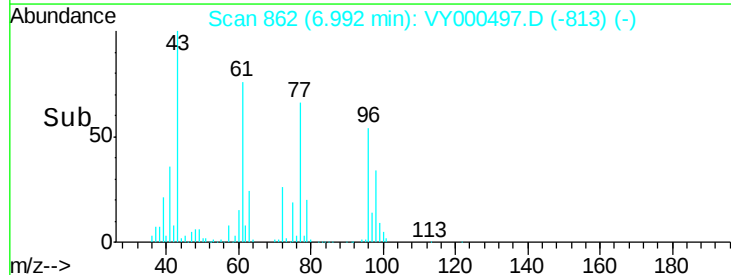
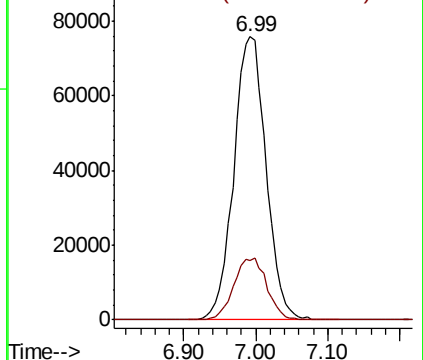
77 100

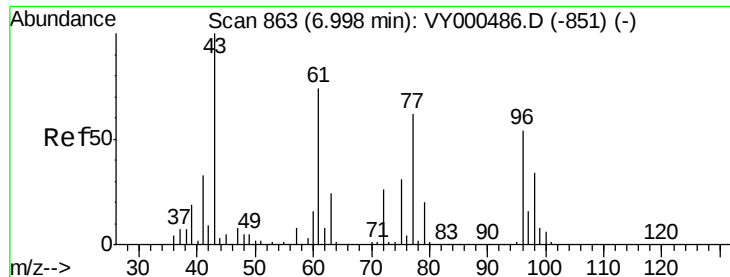
97 22.5 11.8 35.4



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0

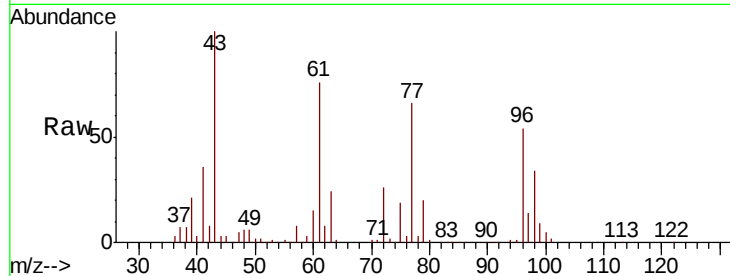




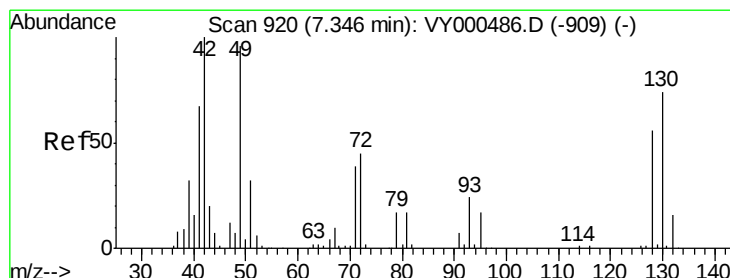
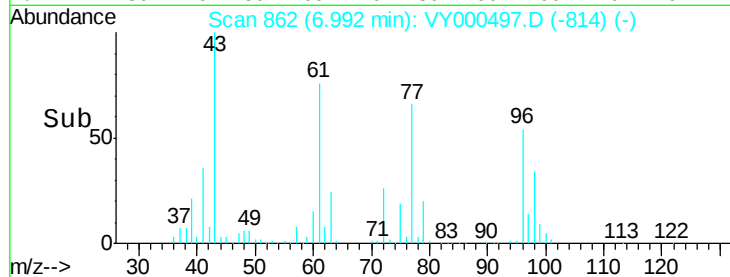
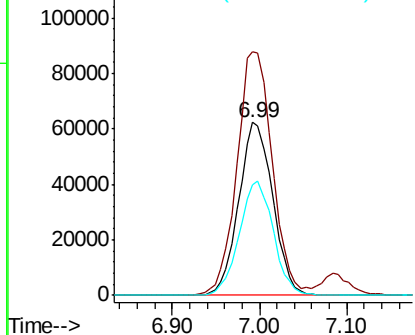
#27

cis-1,2-Dichloroethene
Concen: 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

Tot Ion	96	Resp	169395
Ion	Ratio	Lower	Upper
96	100		
61	146.2	0.0	287.0
98	65.4	0.0	129.4



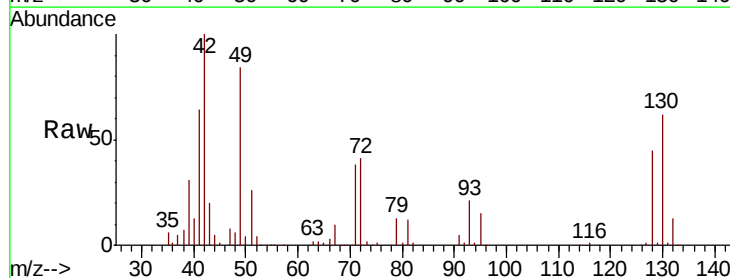
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



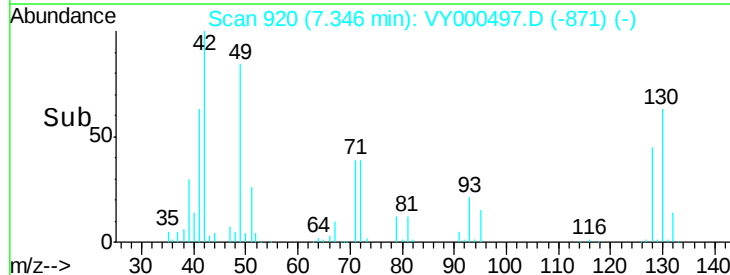
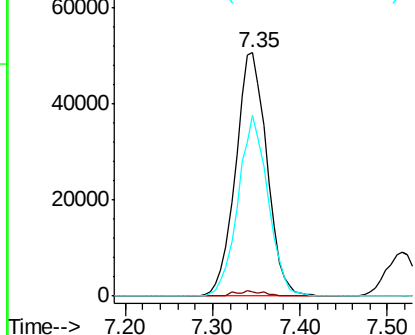
#28

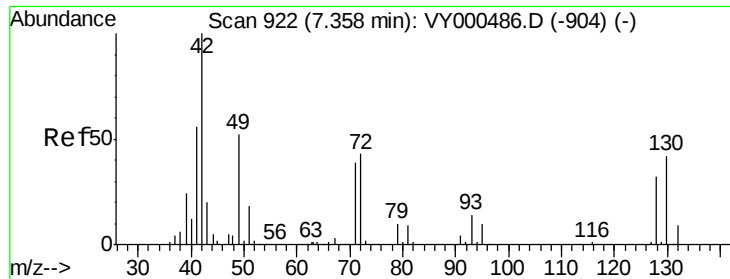
Bromochloromethane
Concen: 53.981 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.00 min
Lab File: VY000497.D
Acq: 31 Oct 2019 11:35

Tgt Ion	49	Resp	125769
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

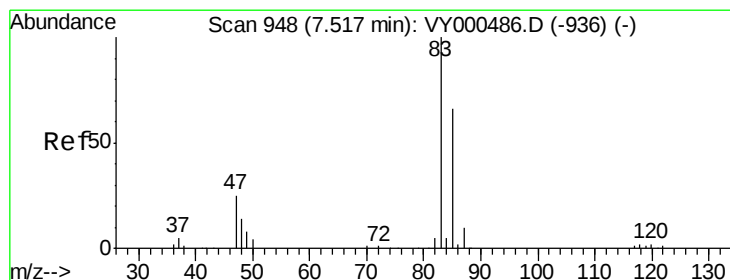
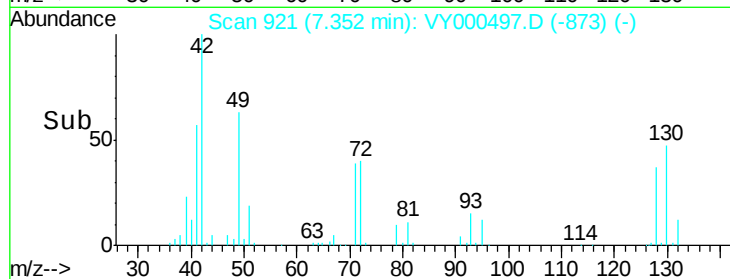
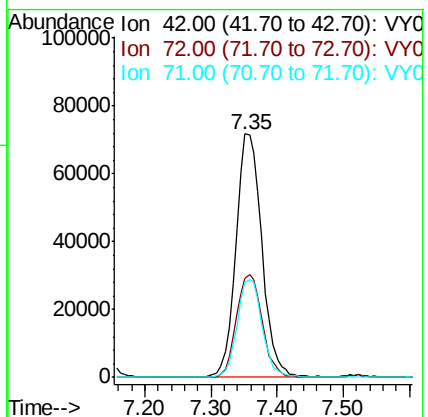
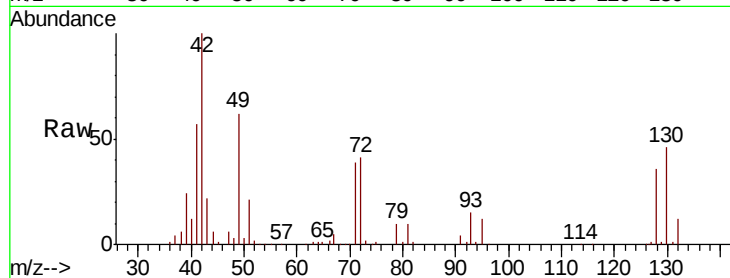
Tot Ion: 42 Resp: 195315

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

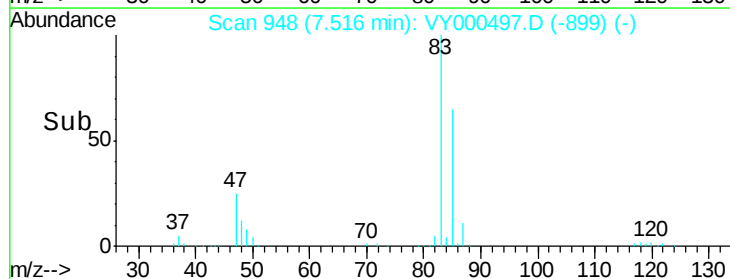
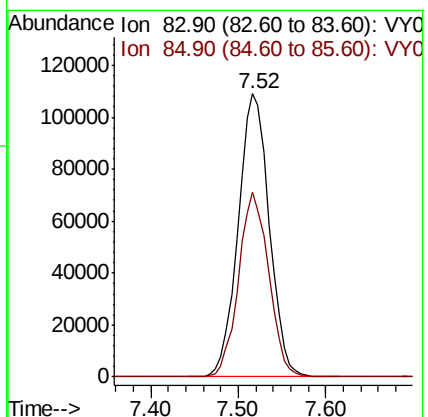
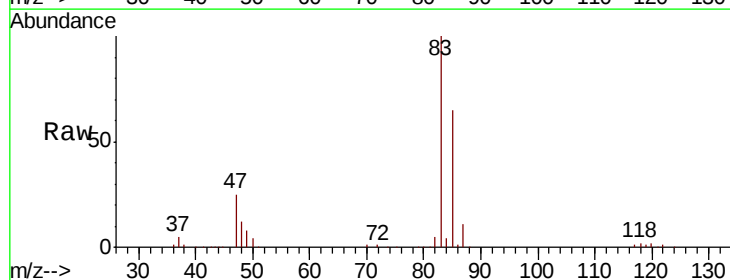
Acq: 31 Oct 2019 11:35

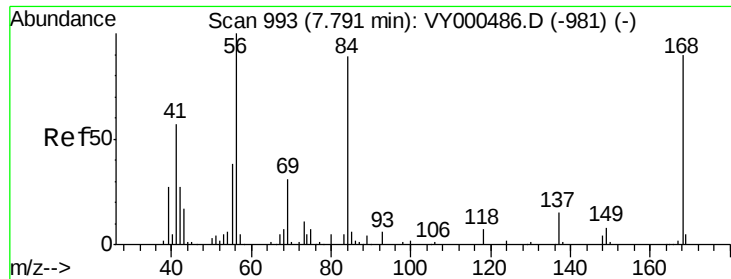
Tgt Ion: 83 Resp: 268775

Ion Ratio Lower Upper

83 100

85 65.2 53.0 79.4

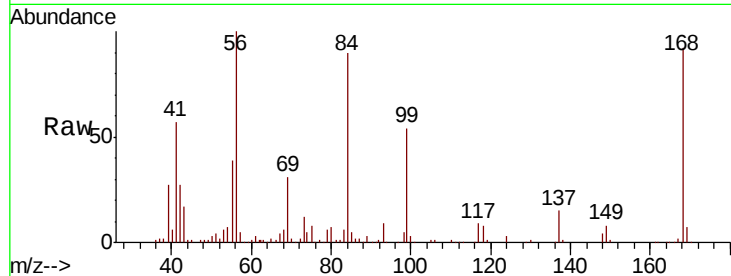




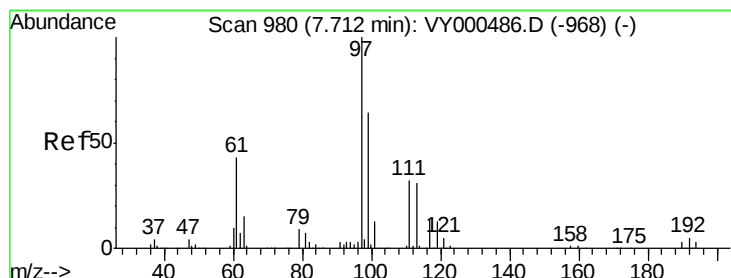
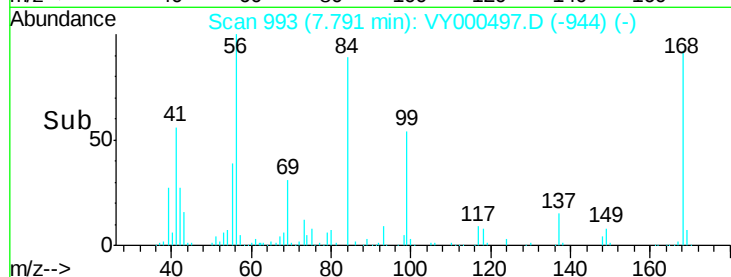
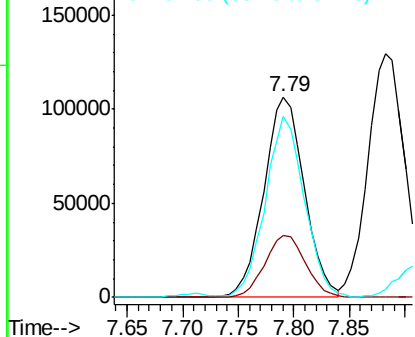
#31
Cyclohexane
Concen: 50.834 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.00 min
Lab File: VY000497.D
Acq: 31 Oct 2019 11:35

Tot Ion: 56 Resp: 270218

Ion	Ratio	Lower	Upper
56	100		
69	31.0	25.0	37.6
84	88.8	71.4	107.2



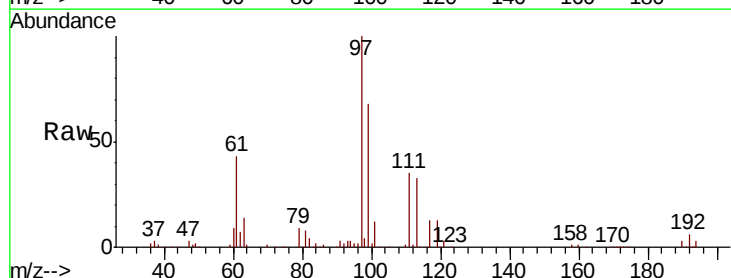
Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0



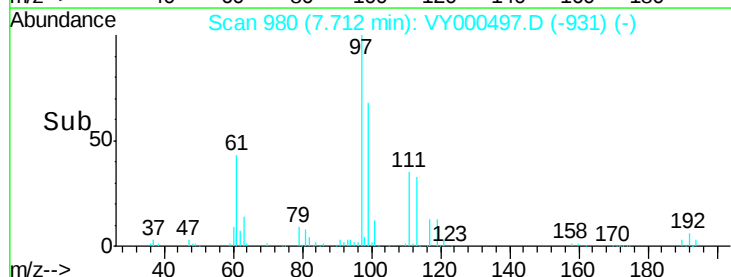
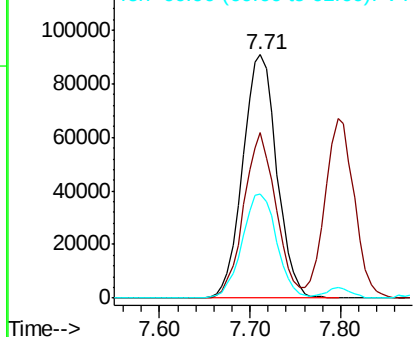
#32
1,1,1-Trichloroethane
Concen: 51.488 ug/l
RT: 7.71 min Scan# 980
Delta R.T. -0.00 min
Lab File: VY000497.D
Acq: 31 Oct 2019 11:35

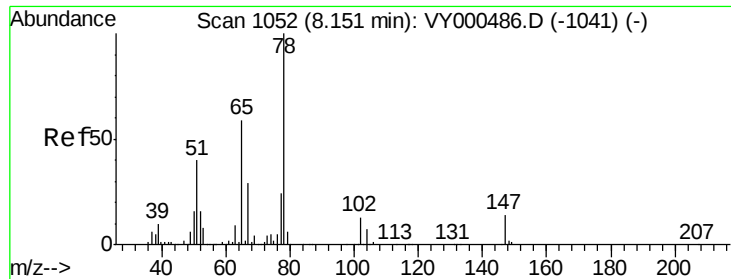
Tgt Ion: 97 Resp: 235595

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

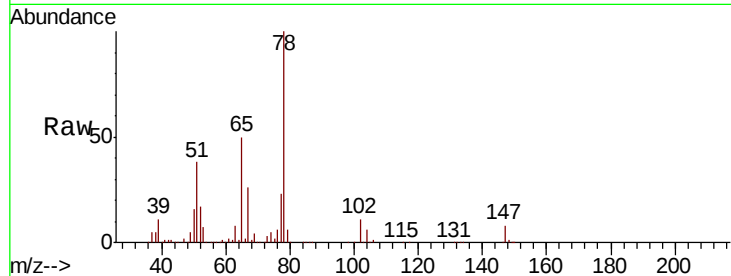
Acq: 31 Oct 2019 11:35

Tot Ion: 65 Resp: 147561

Ion Ratio Lower Upper

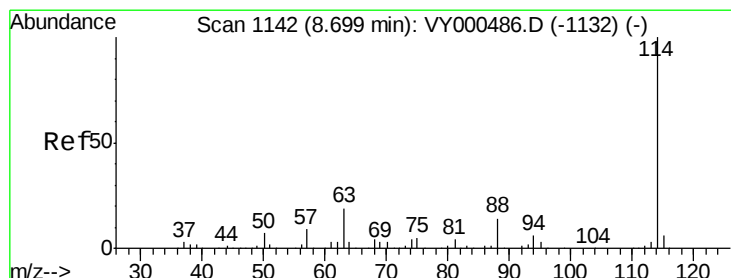
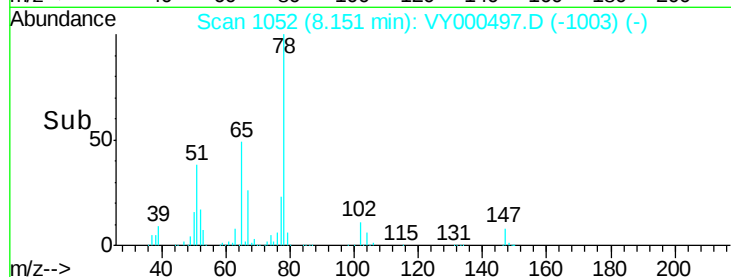
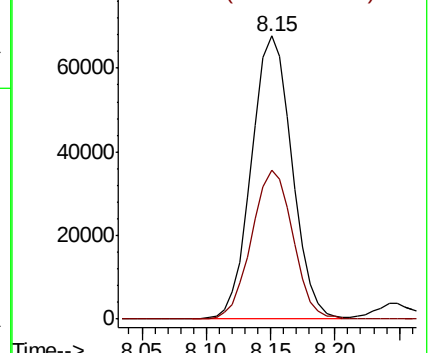
65 100

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



#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

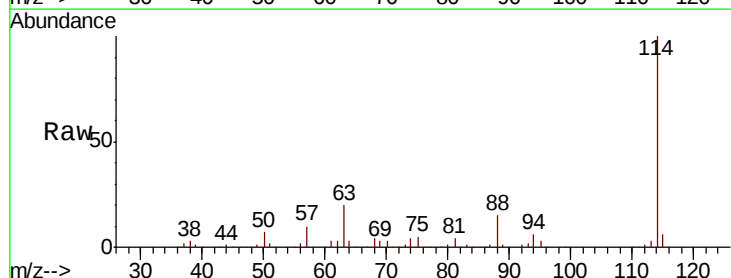
Tgt Ion: 114 Resp: 443888

Ion Ratio Lower Upper

114 100

63 19.9 0.0 38.0

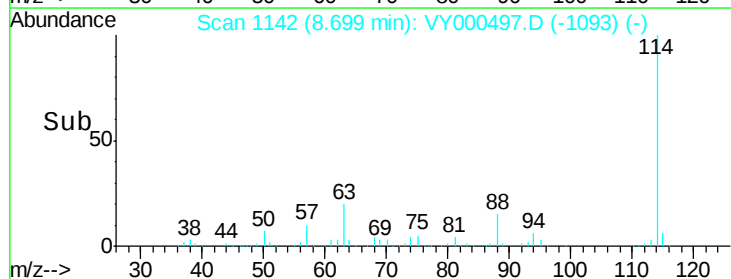
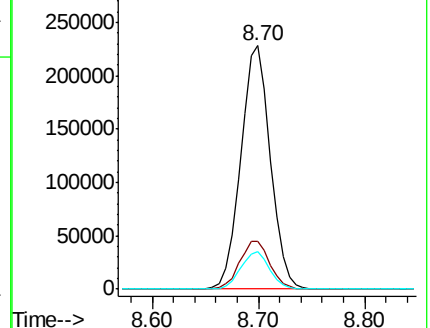
88 15.5 0.0 28.6

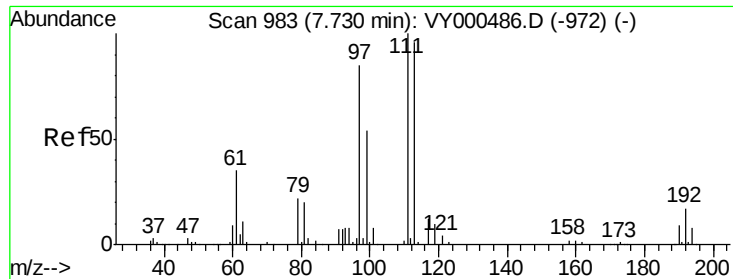


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

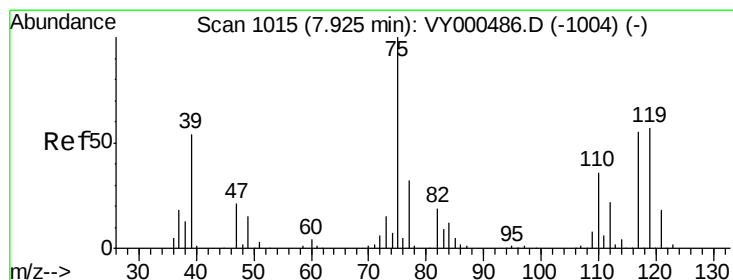
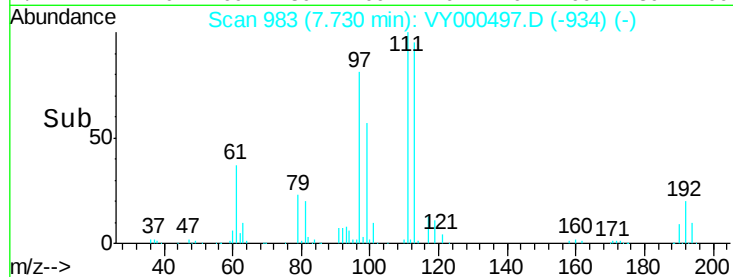
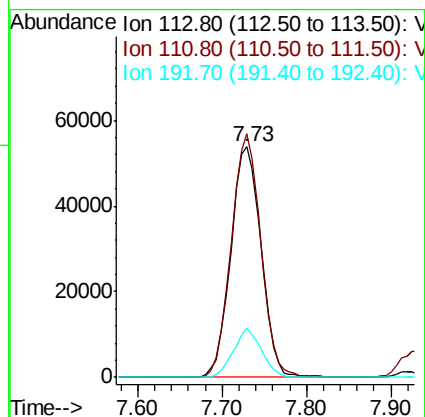
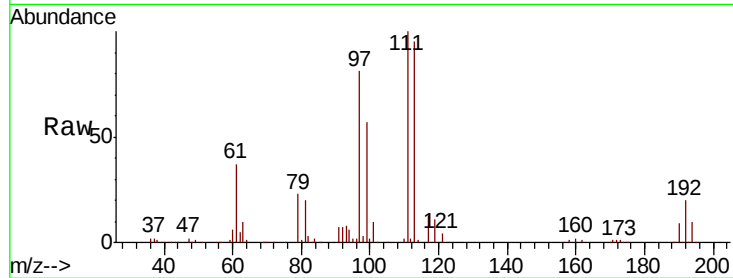
Ion 87.90 (87.60 to 88.60): VY0





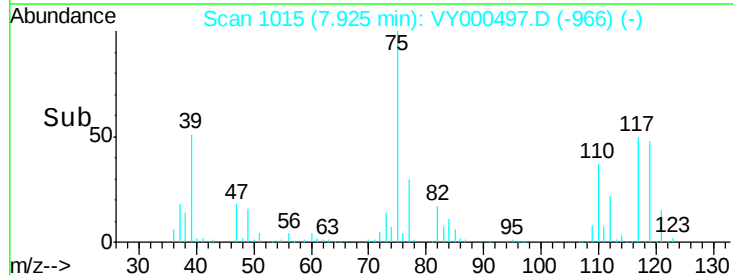
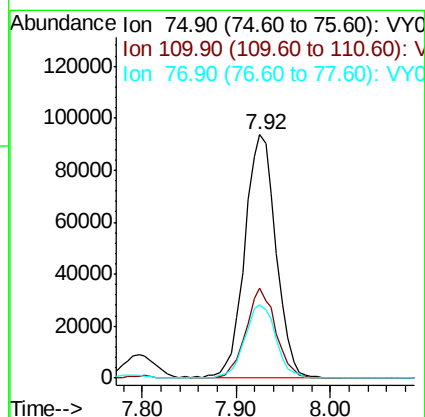
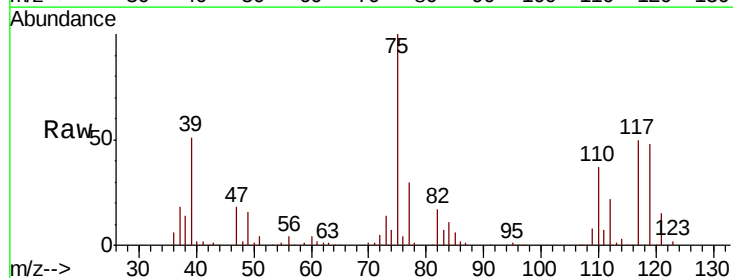
#35
 Dibromofluoromethane
 Concen: 50.296 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY000497.D
 Acq: 31 Oct 2019 11:35

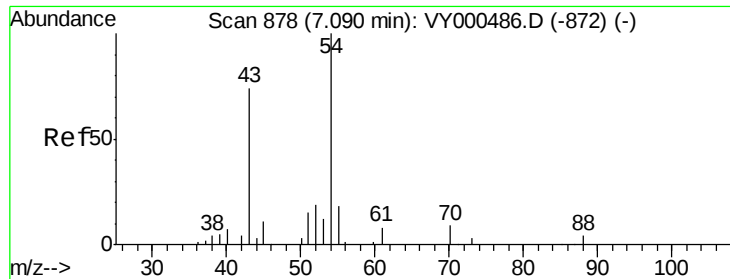
Tot Ion:113 Resp: 131067
 Ion Ratio Lower Upper
 113 100
 111 103.2 81.7 122.5
 192 19.5 15.0 22.4



#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

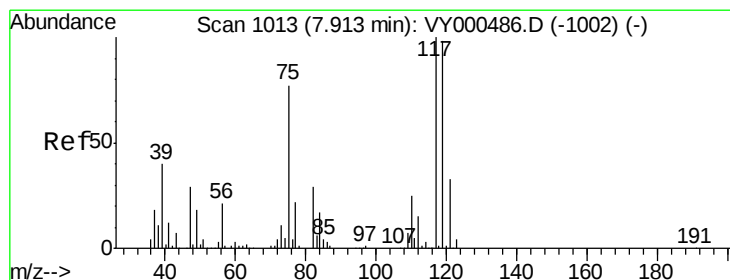
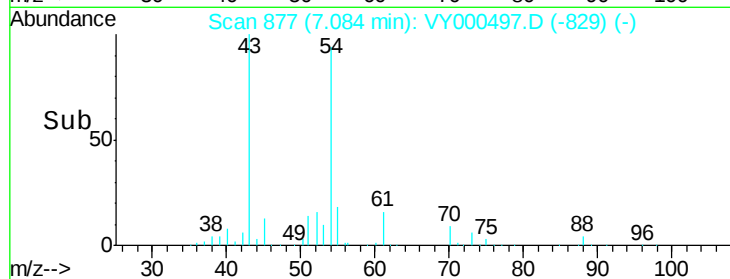
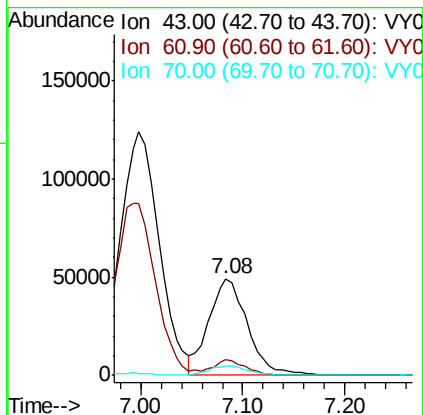
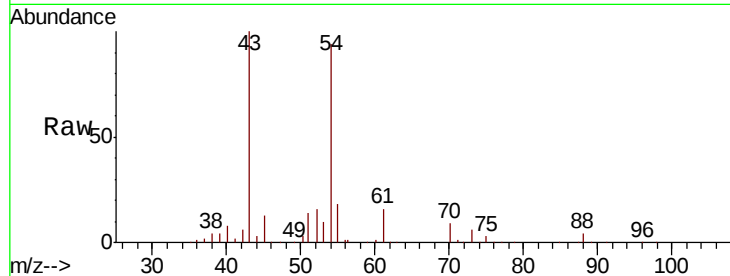
Tgt Ion: 75 Resp: 217815
 Ion Ratio Lower Upper
 75 100
 110 35.0 18.1 54.1
 77 30.1 25.0 37.6





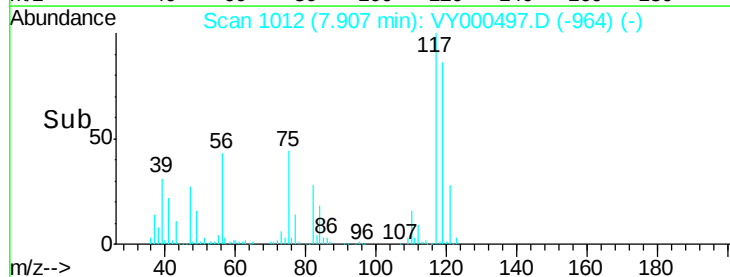
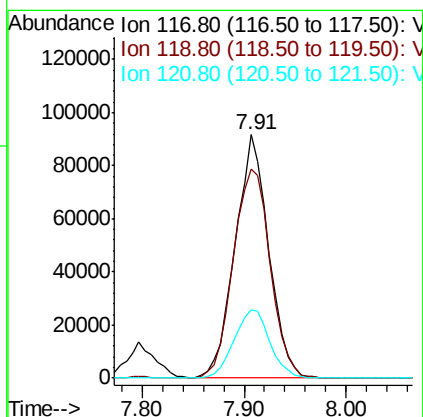
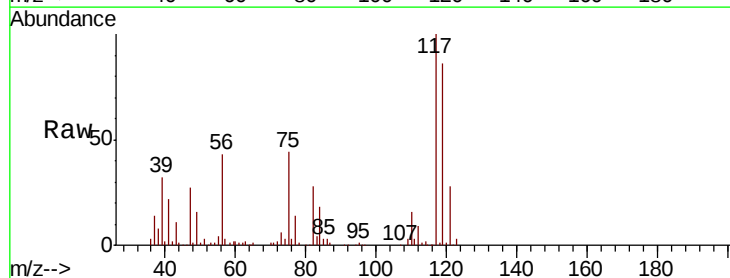
#37
Ethyl Acetate
Concen: 51.806 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY000497.D
Acq: 31 Oct 2019 11:35

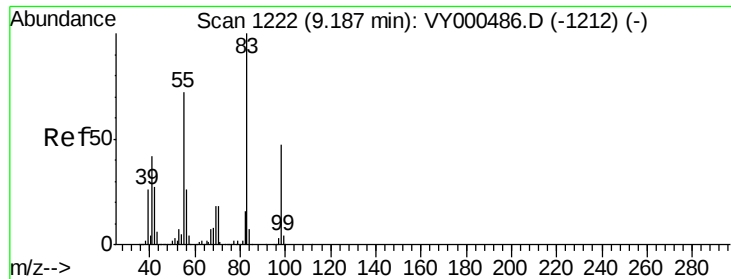
Tot Ion: 43 Resp: 129068
Ion Ratio Lower Upper
43 100
61 13.6 10.2 15.2
70 10.0 7.8 11.8



#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

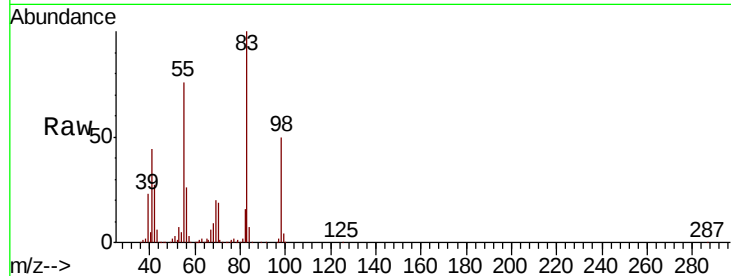
Tgt Ion: 117 Resp: 209133
Ion Ratio Lower Upper
117 100
119 86.0 78.0 117.0
121 27.8 26.6 40.0



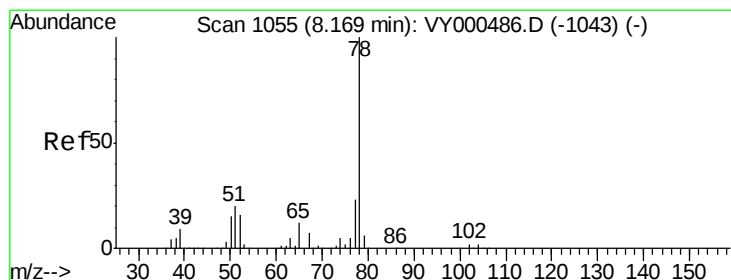
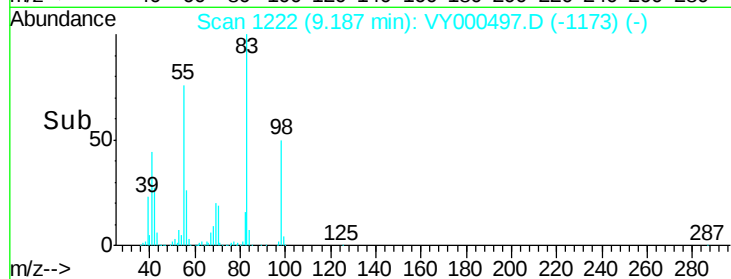
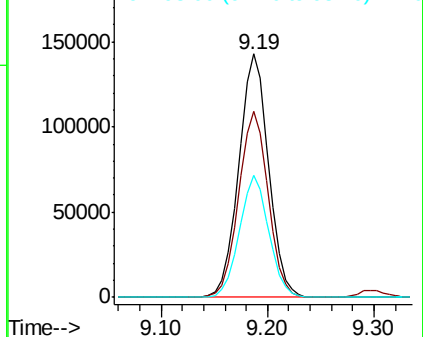


#39
Methvlcvclohexane
Concen: 51.655 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY000497.D
Acq: 31 Oct 2019 11:35

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

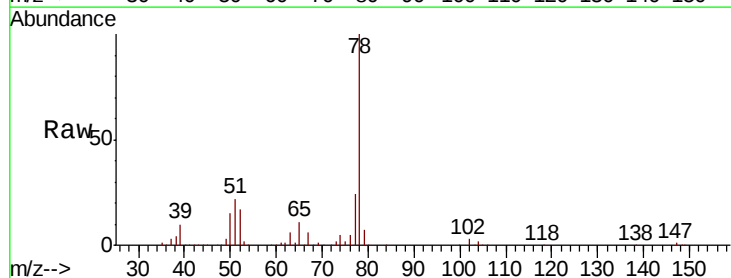


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

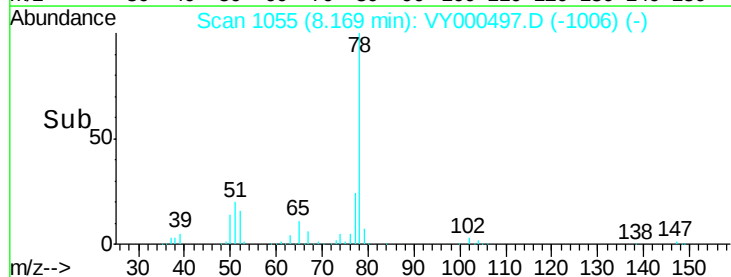
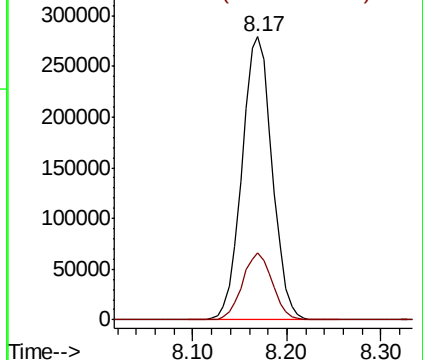


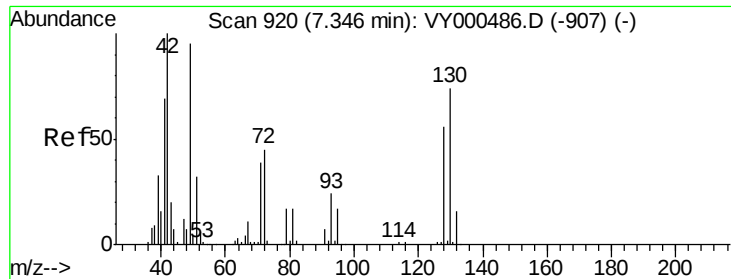
#40
Benzene
Concen: 50.793 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY000497.D
Acq: 31 Oct 2019 11:35

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



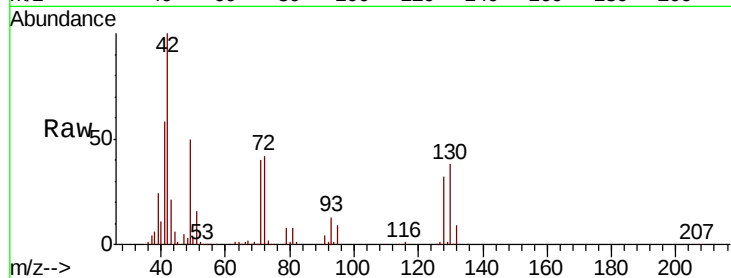
Abundance Ion 78.00 (77.70 to 78.70): VY0
Ion 77.00 (76.70 to 77.70): VY0



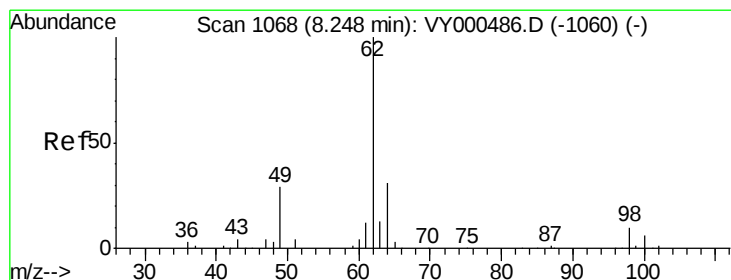
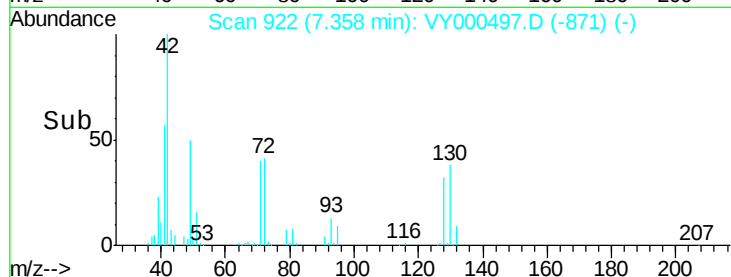
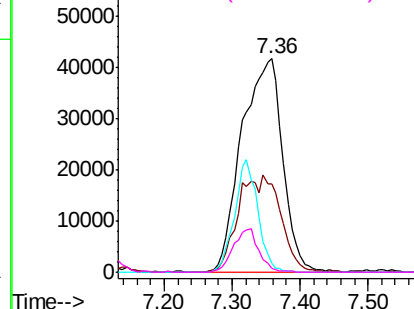


#41
Methacrylonitrile
Concen: 125.786 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.01 min
Lab File: VY000497.D
Acq: 31 Oct 2019 11:35

Tot Ion: 41 Resp: 174821
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

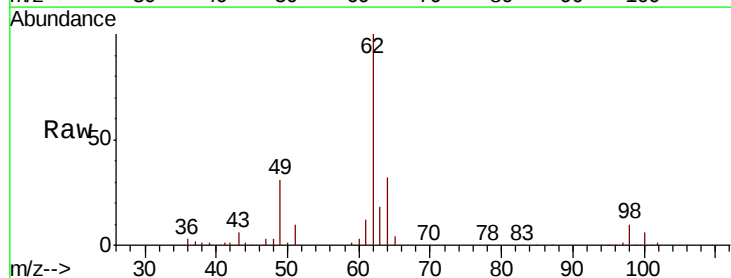


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

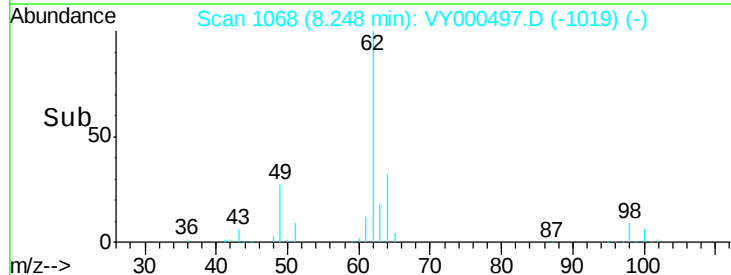
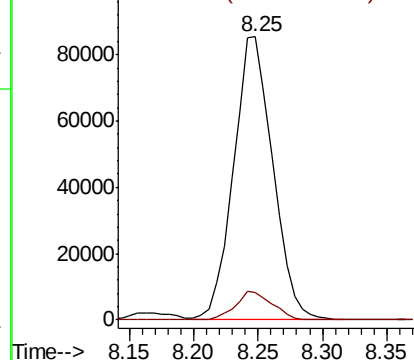


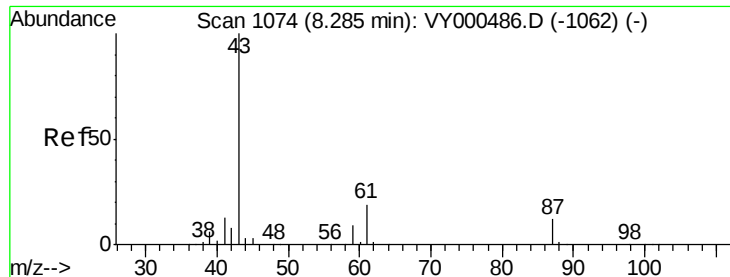
#42
1,2-Dichloroethane
Concen: 51.992 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. -0.00 min
Lab File: VY000497.D
Acq: 31 Oct 2019 11:35

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

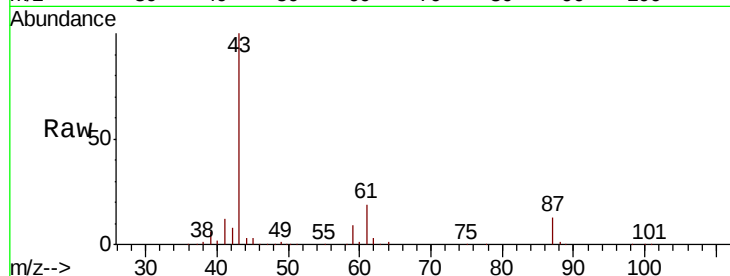
Delta R.T. -0.00 min

Lab File: VY000497.D

Acq: 31 Oct 2019 11:35

Tot Ion: 43 Resp: 249227

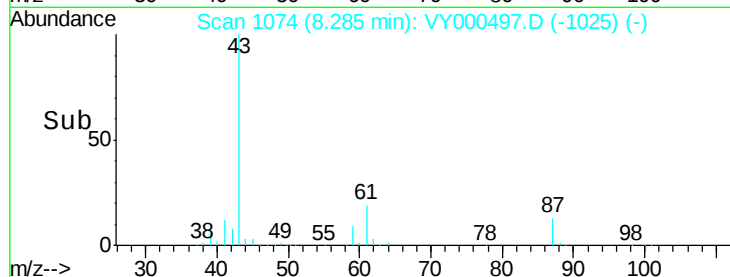
Ion	Ratio	Lower	Upper
43	100		
61	28.0	23.0	34.4
87	12.3	10.5	15.7



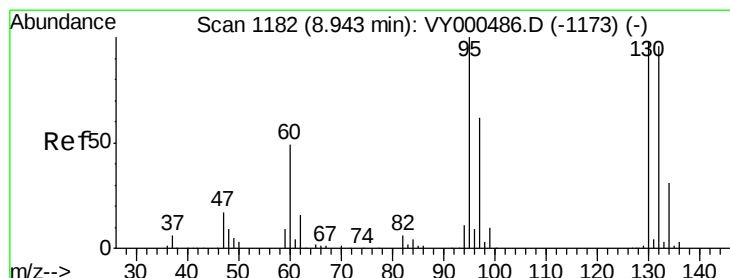
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

Ion 87.00 (86.70 to 87.70): VY0



Time-->



#44

Trichloroethene

Concen: 50.389 ug/l

RT: 8.94 min Scan# 1182

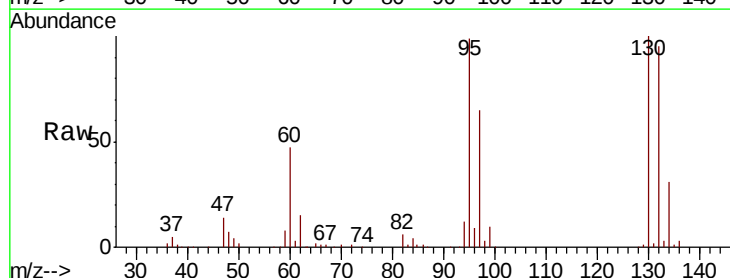
Delta R.T. -0.00 min

Lab File: VY000497.D

Acq: 31 Oct 2019 11:35

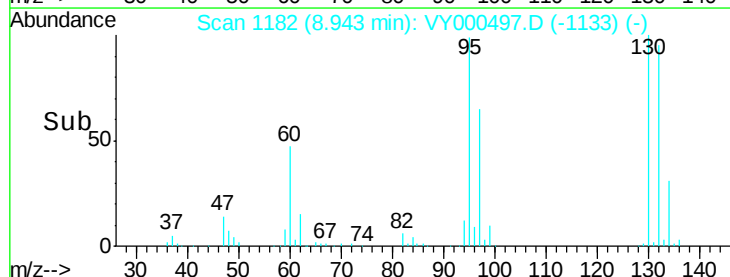
Tgt Ion:130 Resp: 163449

Ion	Ratio	Lower	Upper
130	100		
95	99.2	0.0	203.2

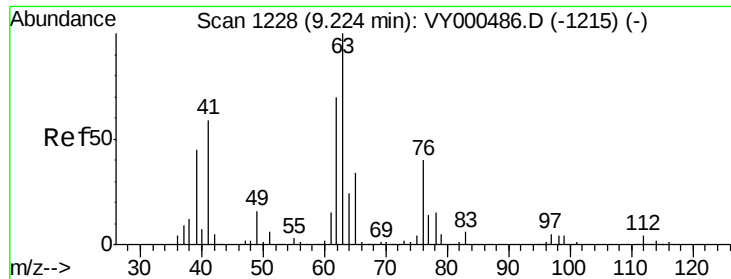


Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VY0

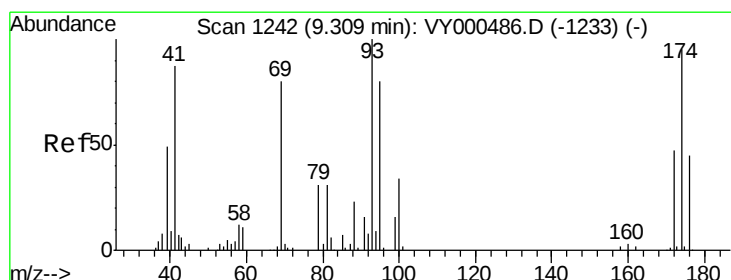
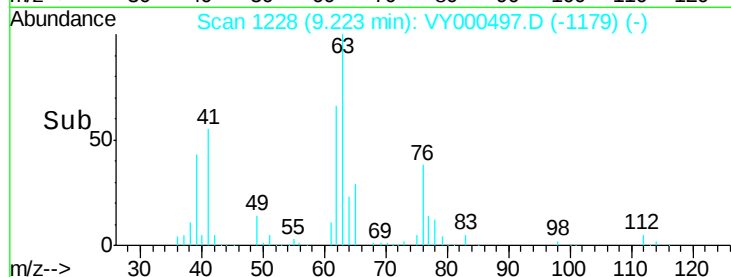
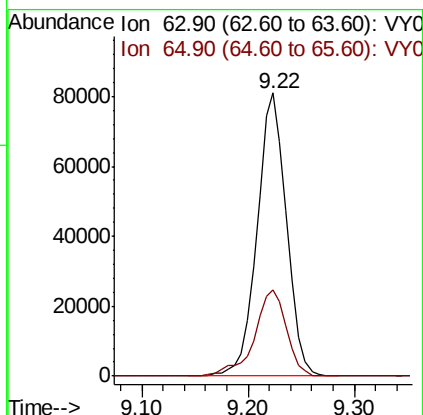
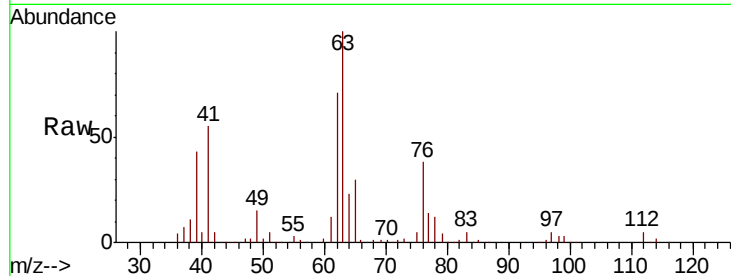


Time-->



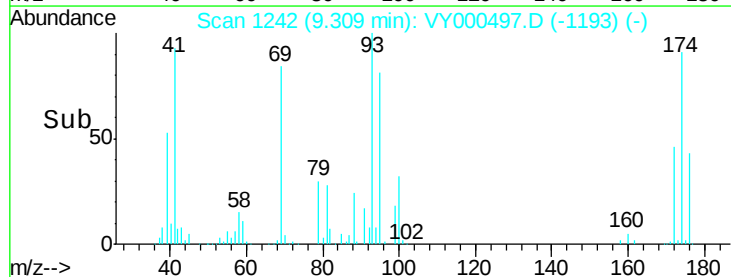
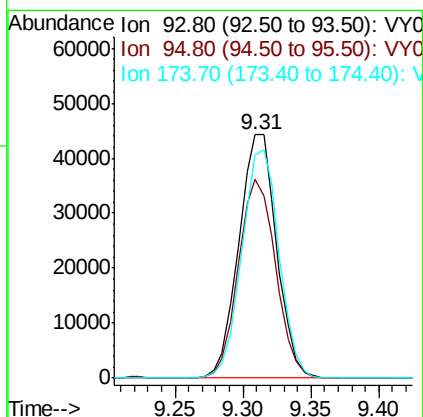
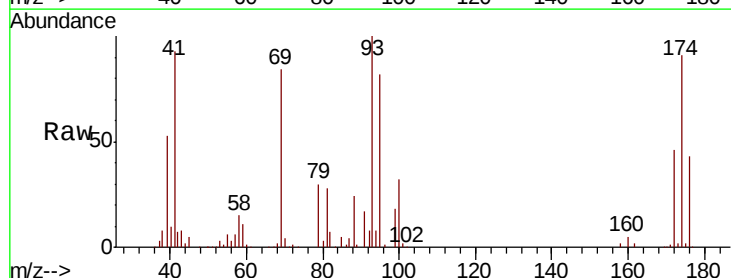
#45
 1,2-Dichloropropane
 Concen: 51.531 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VY000497.D
 Acq: 31 Oct 2019 11:35

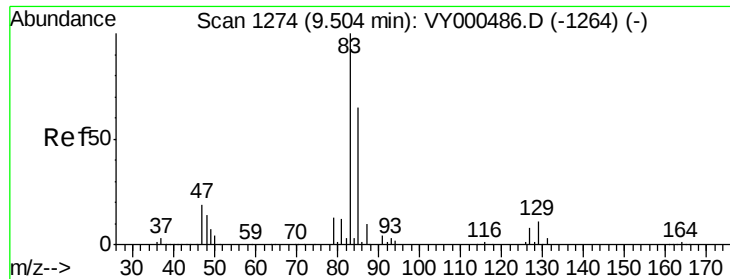
Tot Ion: 63 Resp: 156030
 Ion Ratio Lower Upper
 63 100
 65 30.4 27.0 40.4



#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

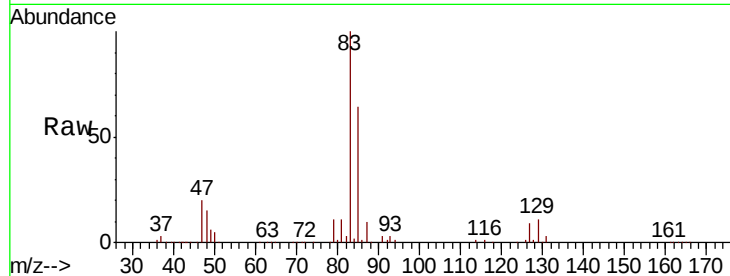
Tot Ion: 83 Resp: 203916

Ion Ratio Lower Upper

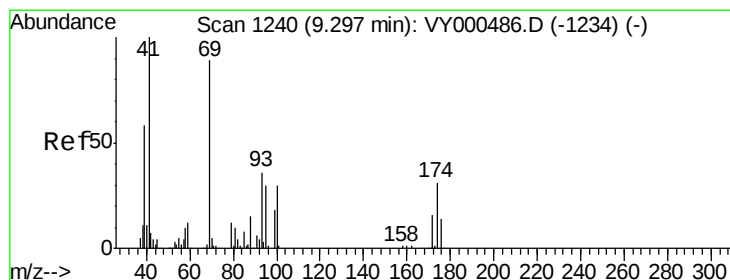
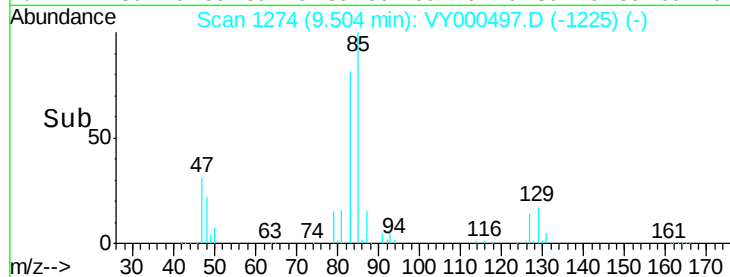
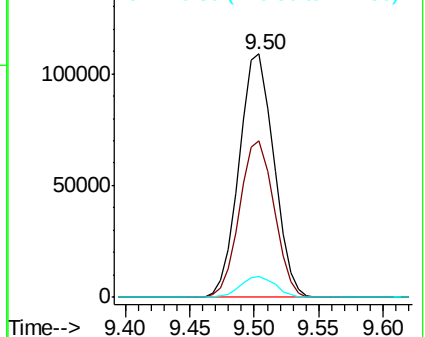
83 100

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

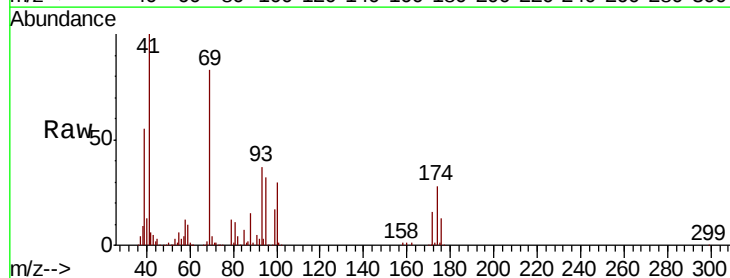
Tgt Ion: 41 Resp: 111355

Ion Ratio Lower Upper

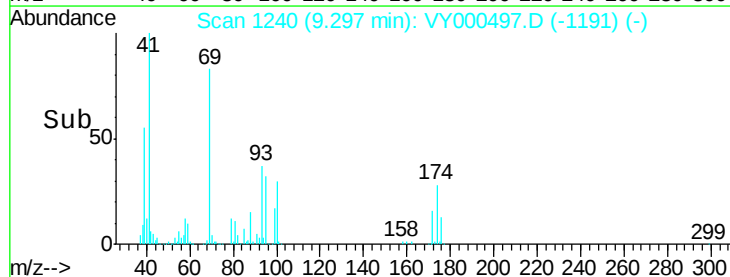
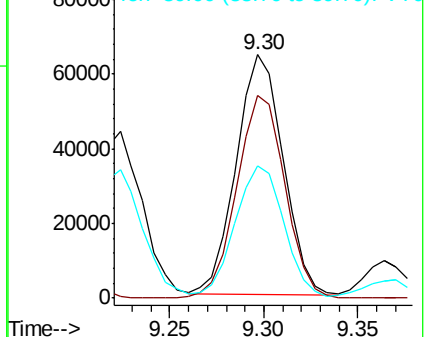
41 100

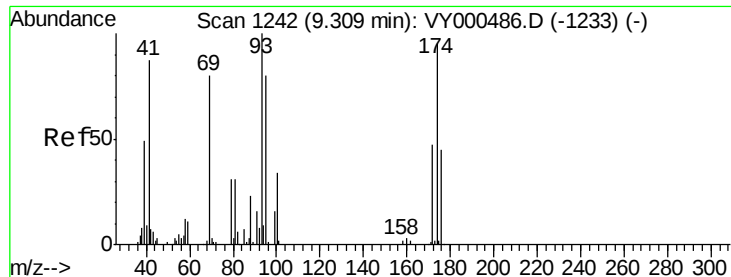
69 86.6 72.5 108.7

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

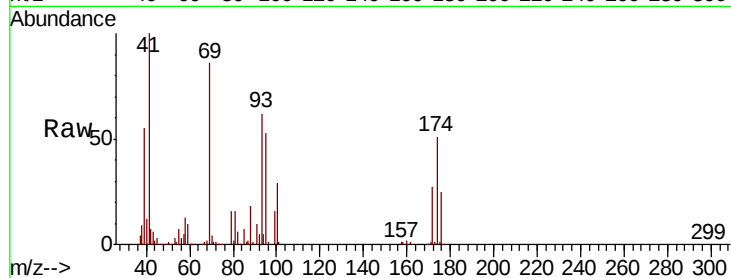
Tot Ion: 88 Resp: 24768

Ion Ratio Lower Upper

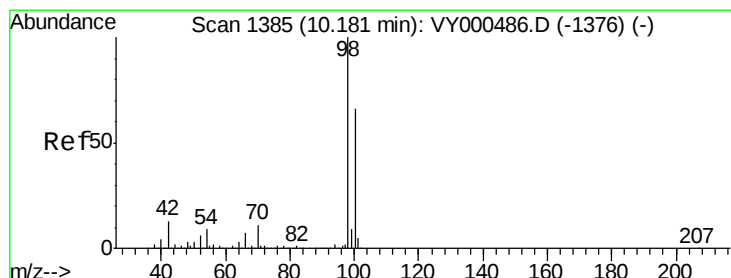
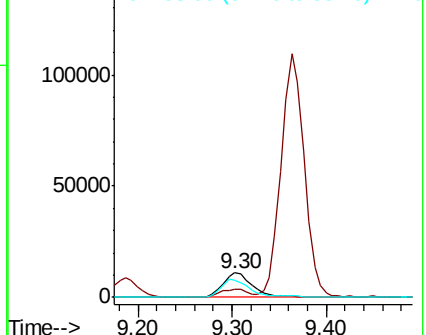
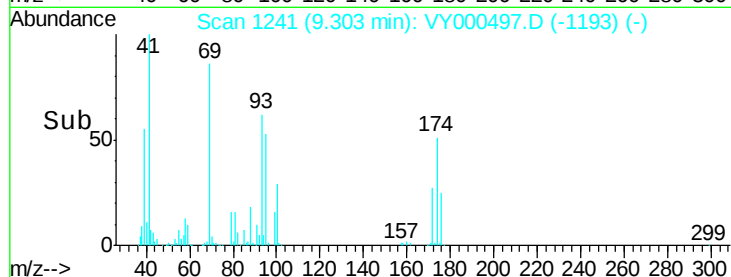
88 100

43 30.0 25.1 37.7

58 69.3 50.6 75.8



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



#50

Toluene-d8

Concen: 55.677 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000497.D

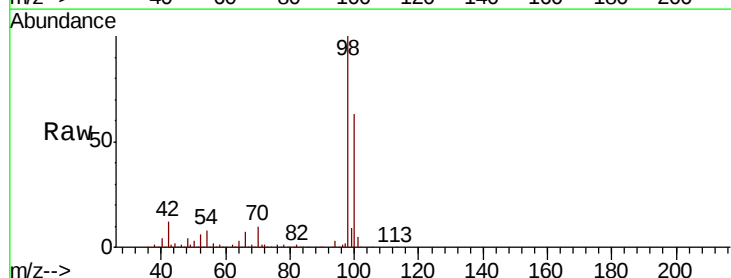
Acq: 31 Oct 2019 11:35

Tgt Ion: 98 Resp: 550537

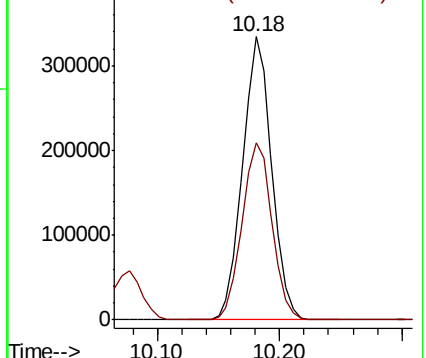
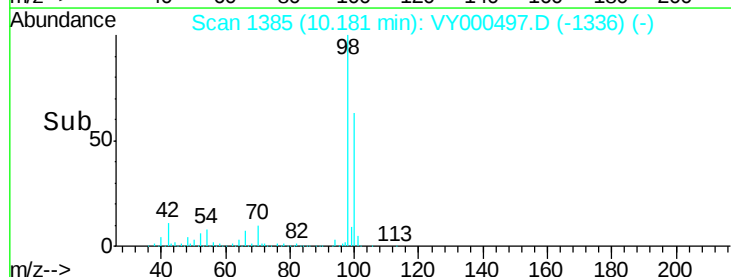
Ion Ratio Lower Upper

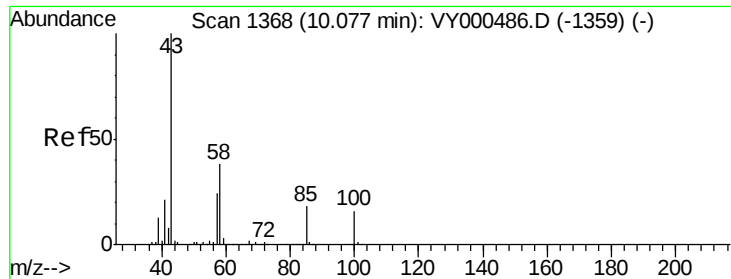
98 100

100 64.7 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY0





#51

4-Methyl-2-Pentanone

Concen: 271.615 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.01 min

Lab File: VY000497.D

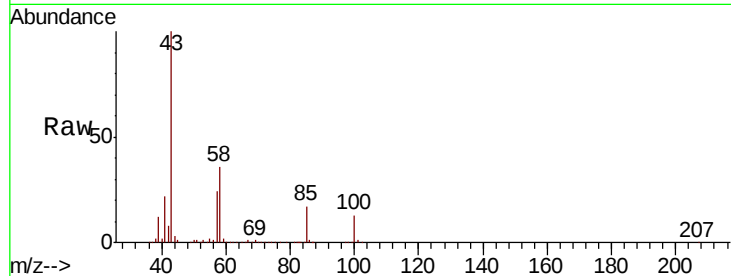
Acq: 31 Oct 2019 11:35

Tot Ion: 43 Resp: 675848

Ion Ratio Lower Upper

43 100

58 37.9 30.2 45.4



Abundance Ion 43.00 (42.70 to 43.70): VY000486.D (-1359) (-)

Ion 58.00 (57.70 to 58.70): VY000486.D (-1359) (-)

10.07

400000

300000

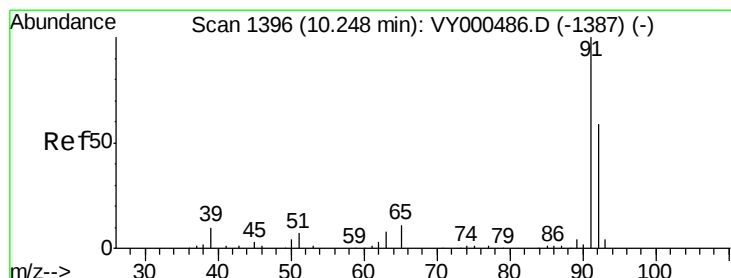
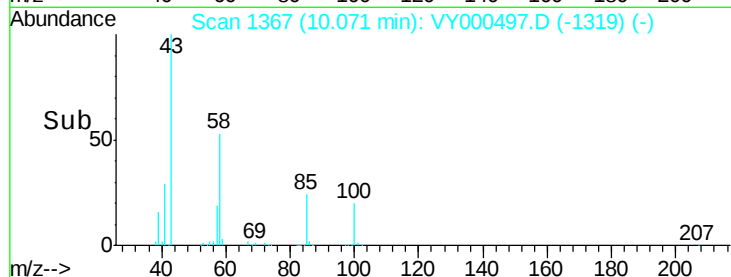
200000

100000

0

10.00 10.10

Time-->



#52

Toluene

Concen: 51.540 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. -0.00 min

Lab File: VY000497.D

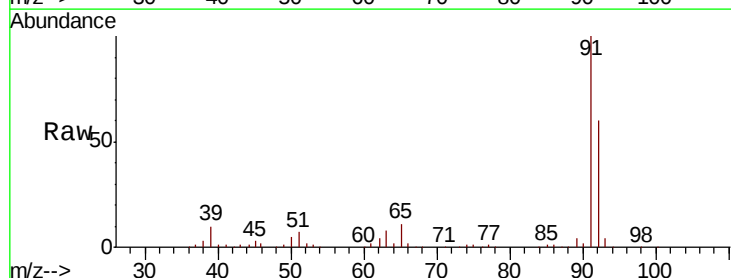
Acq: 31 Oct 2019 11:35

Tgt Ion: 92 Resp: 400882

Ion Ratio Lower Upper

92 100

91 170.7 136.3 204.5



Abundance Ion 92.00 (91.70 to 92.70): VY000486.D (-1387) (-)

Ion 91.00 (90.70 to 91.70): VY000486.D (-1387) (-)

10.25

400000

300000

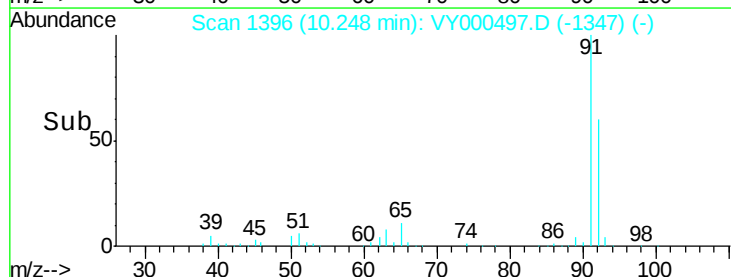
200000

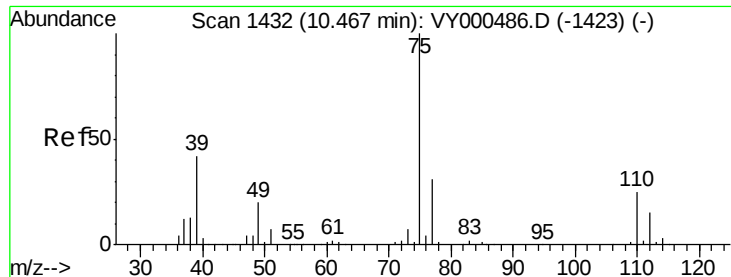
100000

0

10.10 10.20 10.30

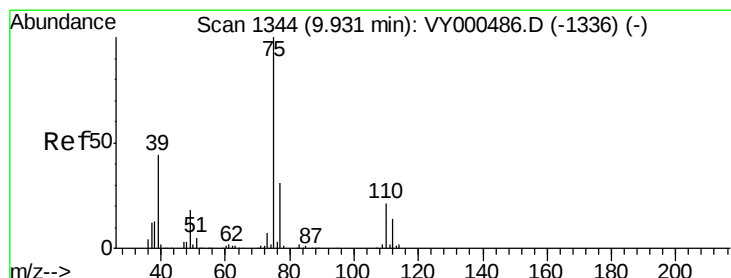
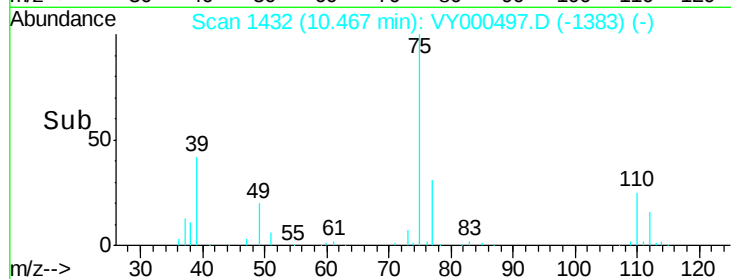
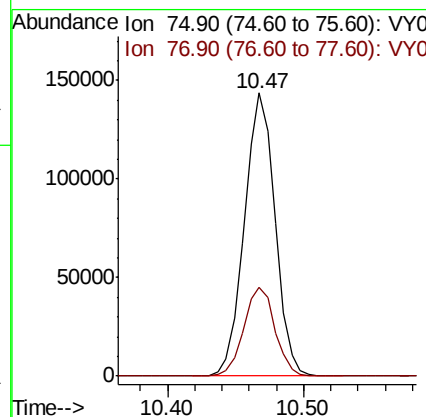
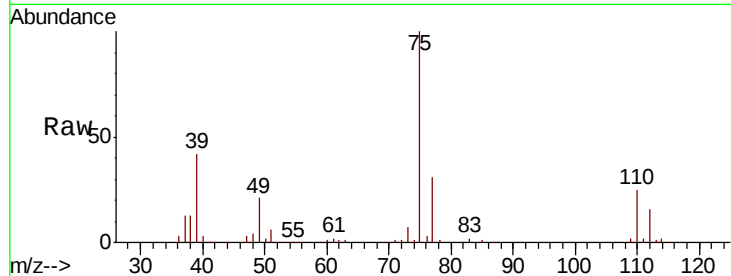
Time-->





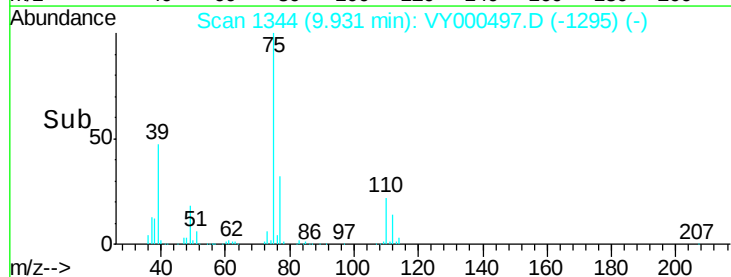
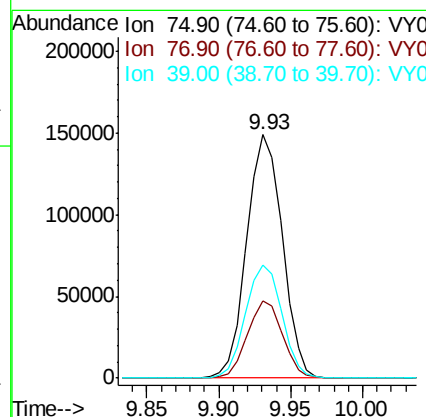
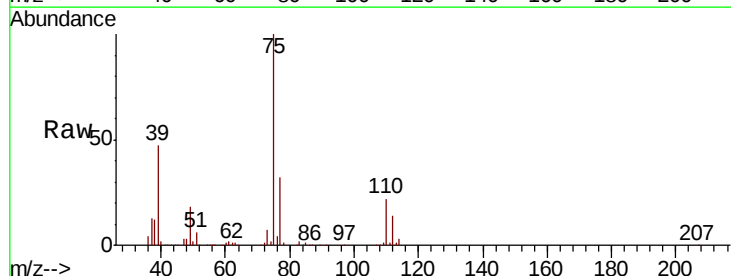
#53
 t-1,3-Dichloropropene
 Concen: 53.550 ug/l
 RT: 10.47 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: VY000497.D
 Acq: 31 Oct 2019 11:35

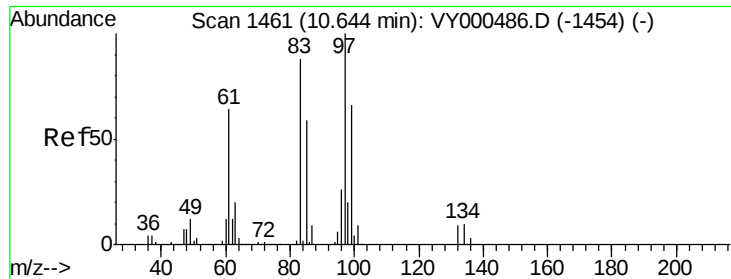
Tot Ion: 75 Resp: 226082
 Ion Ratio Lower Upper
 75 100
 77 31.5 24.6 37.0



#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

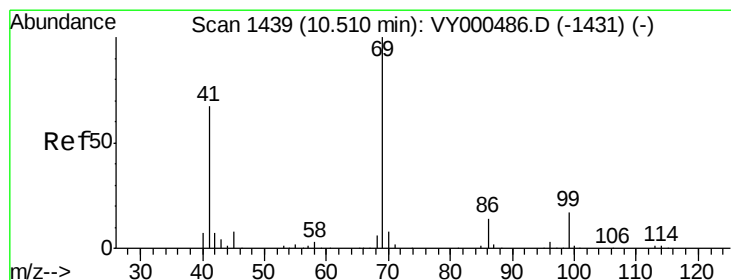
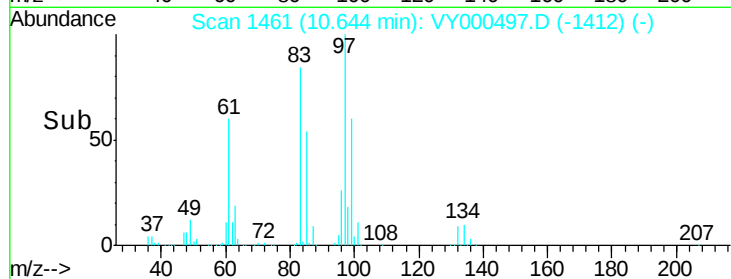
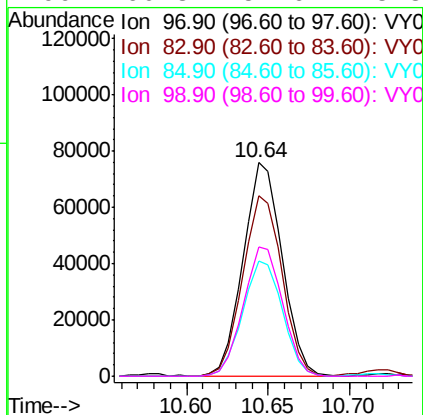
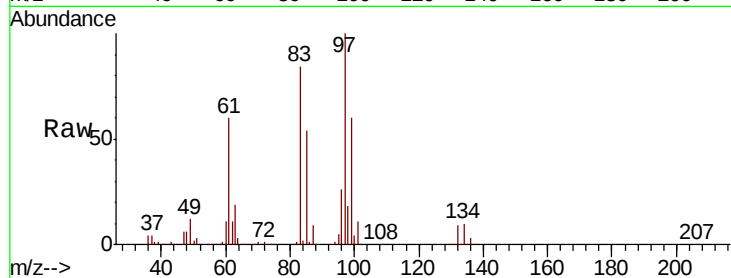
Tgt Ion: 75 Resp: 255238
 Ion Ratio Lower Upper
 75 100
 77 31.5 24.5 36.7
 39 46.6 35.4 53.2





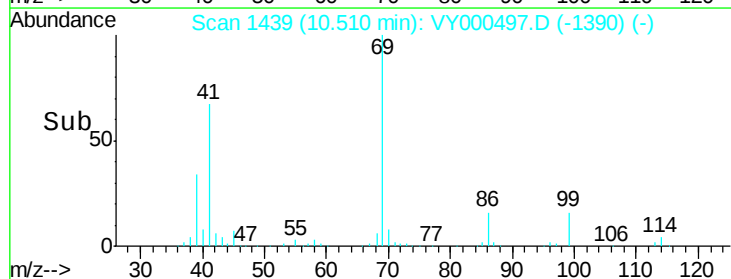
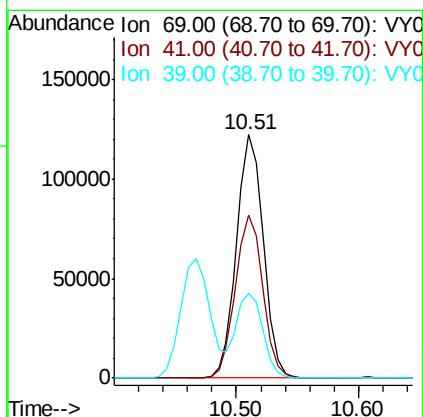
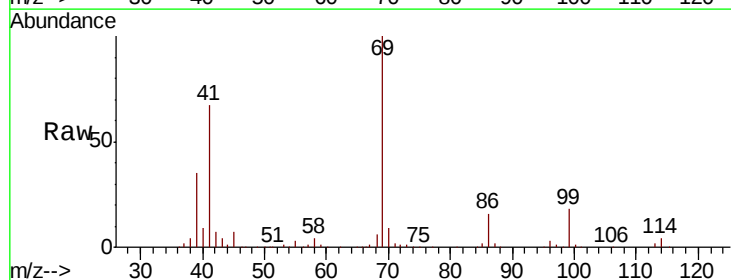
#55
 1,1,2-Trichloroethane
 Concen: 52.299 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY000497.D
 Acq: 31 Oct 2019 11:35

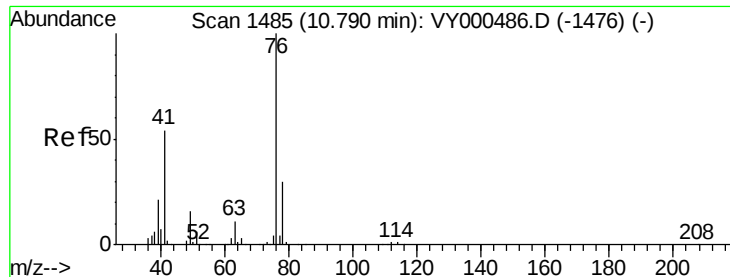
Tot Ion:	97	Resp:	125965
Ion	Ratio	Lower	Upper
97	100		
83	84.6	70.2	105.4
85	53.9	46.9	70.3
99	60.3	52.6	78.8



#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





#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

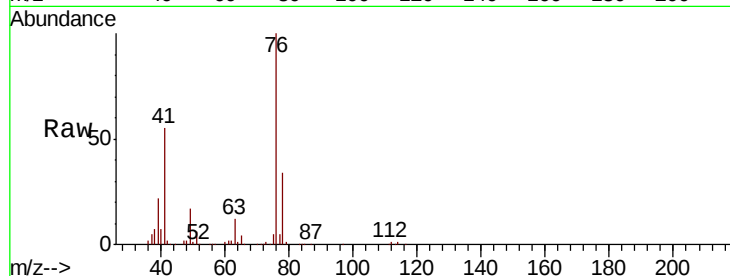
Acq: 31 Oct 2019 11:35

Tot Ion: 76 Resp: 218756

Ion Ratio Lower Upper

76 100

78 32.7 25.2 37.8



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

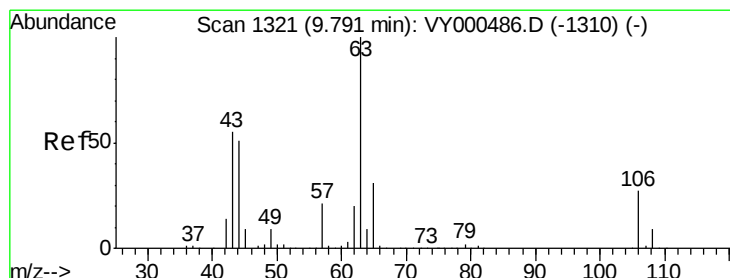
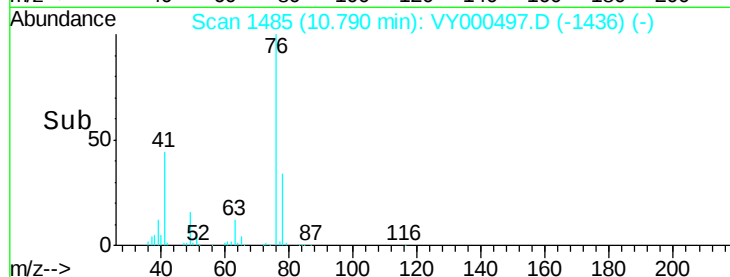
150000

100000

50000

0

Time--> 10.70 10.75 10.80 10.85



#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

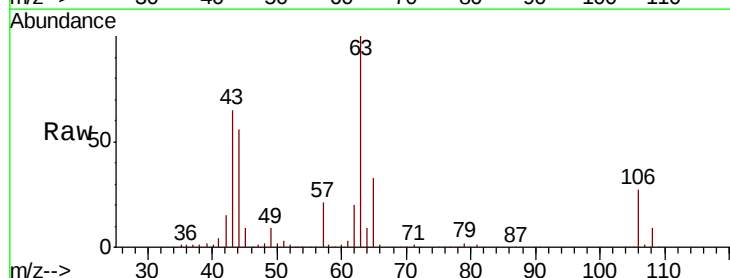
Acq: 31 Oct 2019 11:35

Tgt Ion: 63 Resp: 448523

Ion Ratio Lower Upper

63 100

106 27.6 22.6 33.8



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

300000

250000

200000

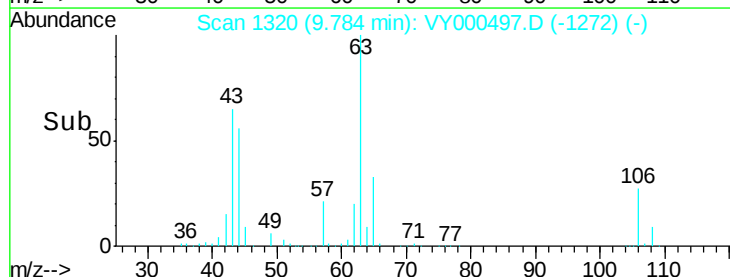
150000

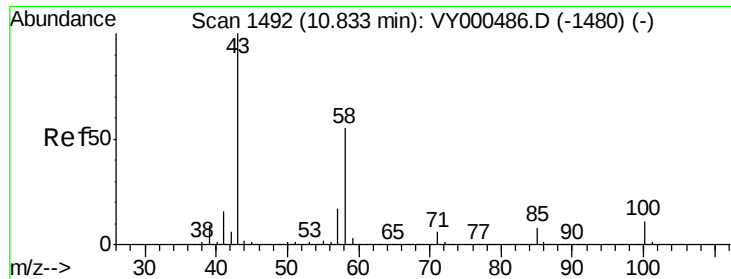
100000

50000

0

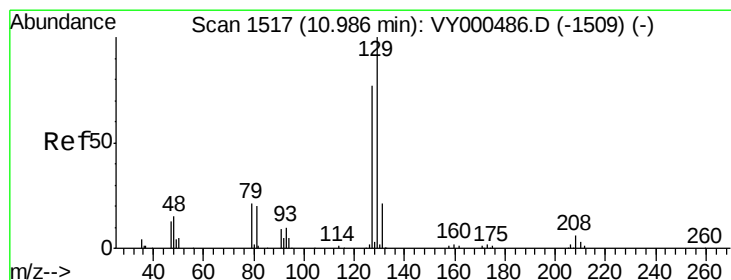
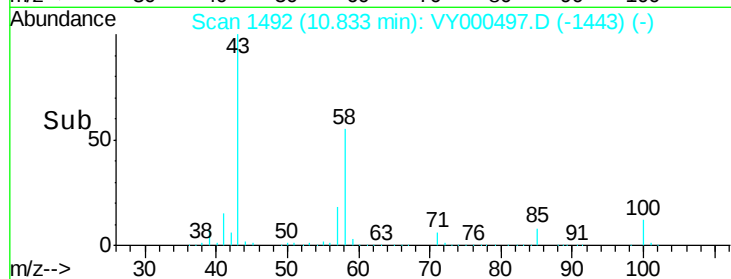
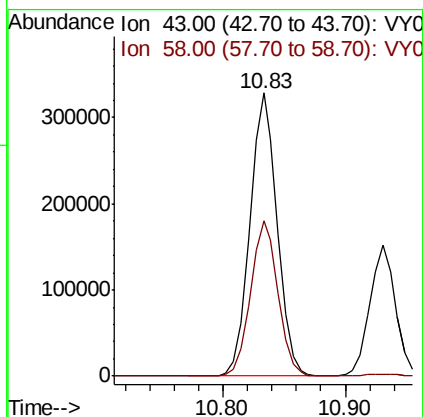
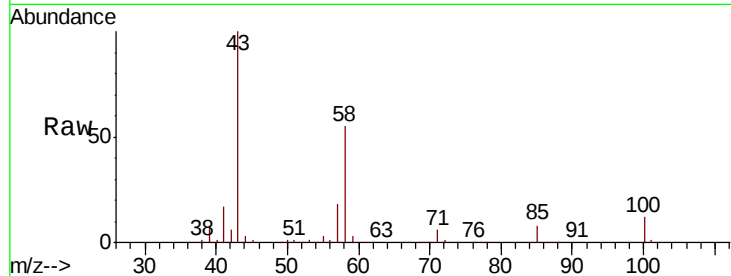
Time--> 9.70 9.80 9.90





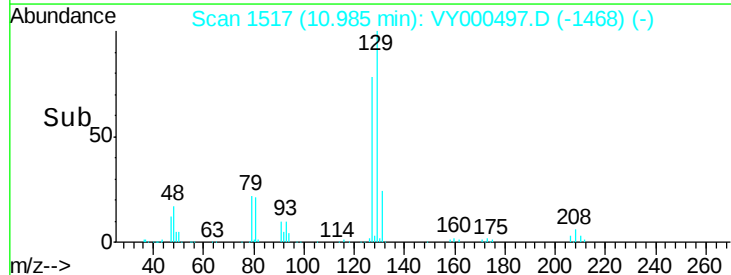
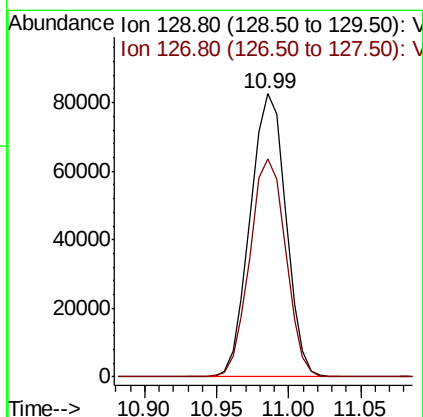
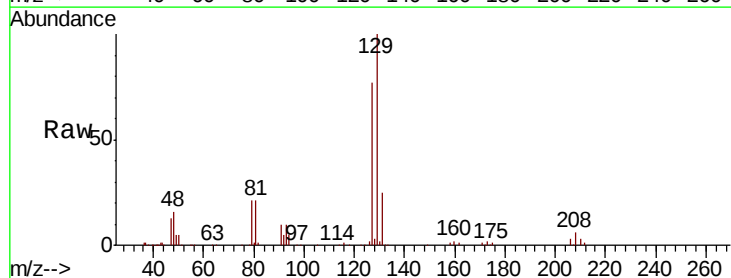
#59
2-Hexanone
Concen: 280.318 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY000497.D
Acq: 31 Oct 2019 11:35

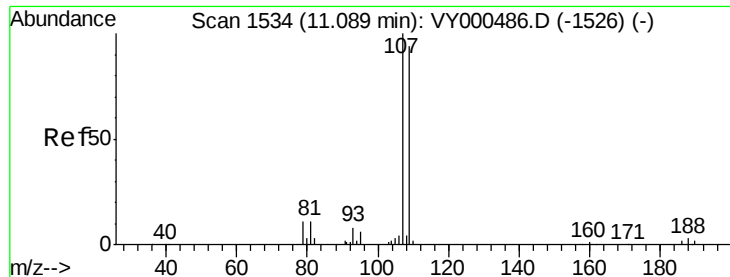
Tot Ion: 43 Resp: 508196
Ion Ratio Lower Upper
43 100
58 55.1 27.1 81.3



#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

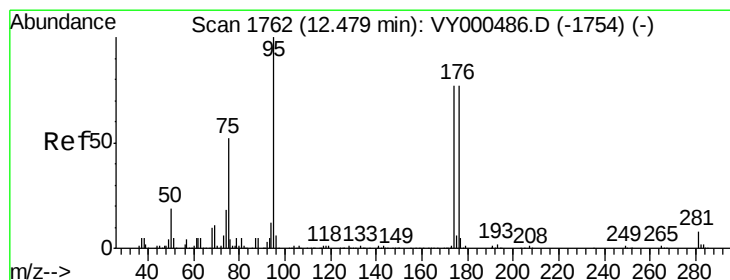
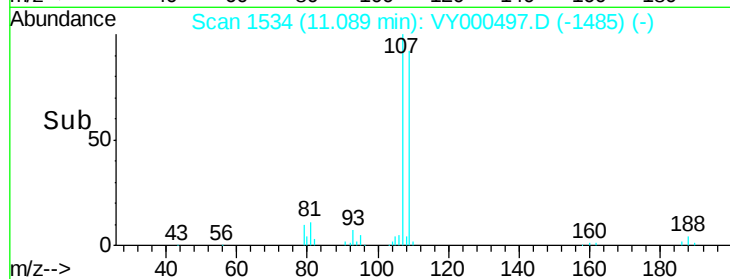
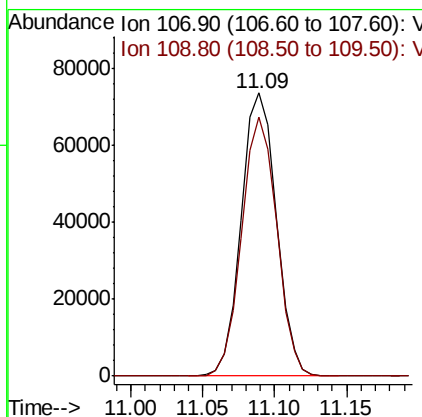
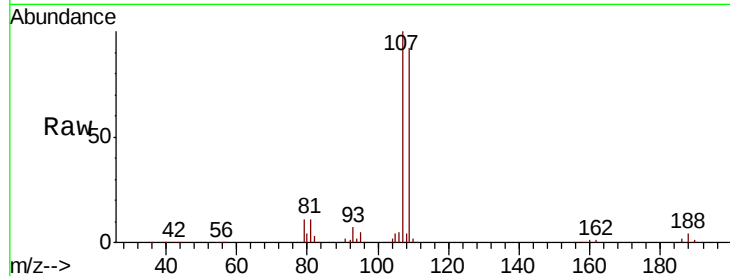
Tgt Ion: 129 Resp: 141890
Ion Ratio Lower Upper
129 100
127 77.3 39.1 117.2





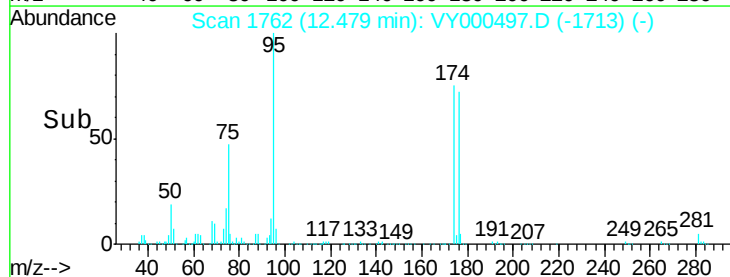
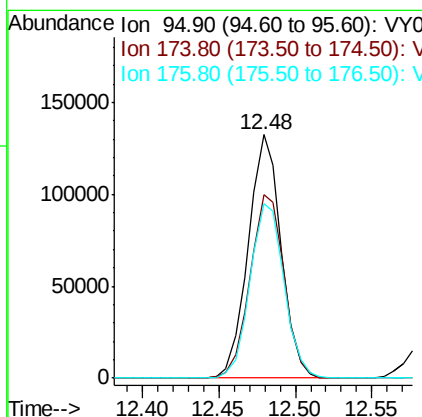
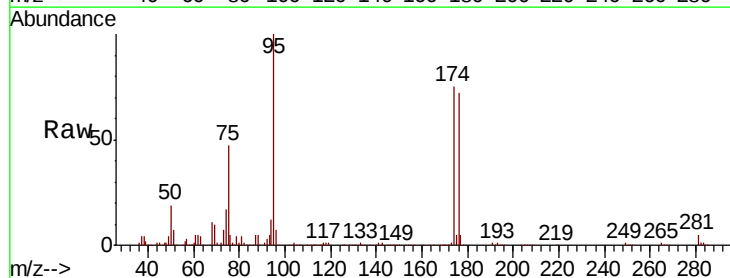
#61
 1,2-Dibromoethane
 Concen: 53.655 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY000497.D
 Acq: 31 Oct 2019 11:35

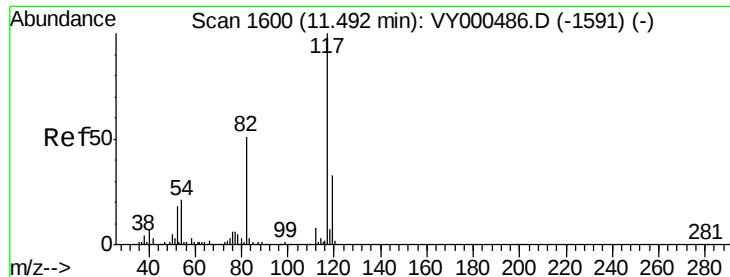
Tot Ion: 107 Resp: 124254
 Ion Ratio Lower Upper
 107 100
 109 91.2 73.6 110.4



#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

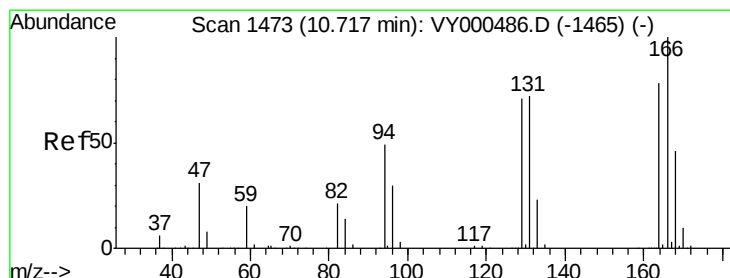
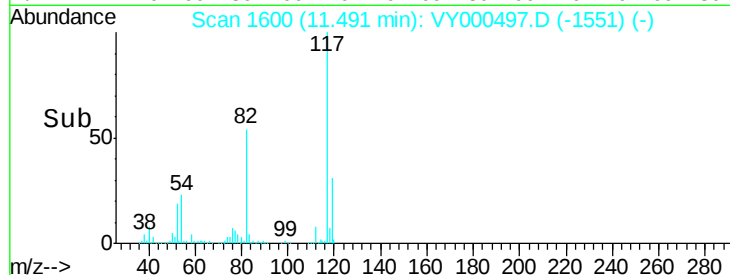
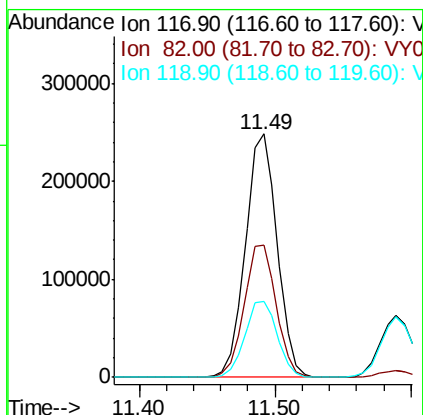
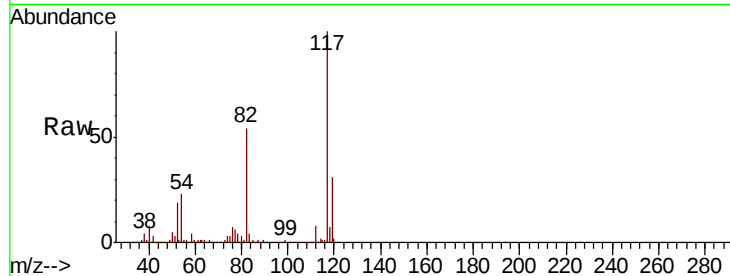
Tgt Ion: 95 Resp: 197341
 Ion Ratio Lower Upper
 95 100
 174 78.6 0.0 161.6
 176 74.6 0.0 157.8





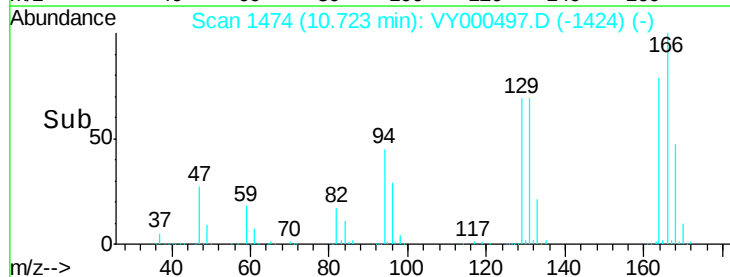
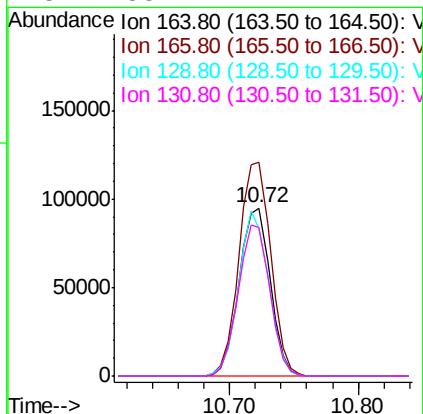
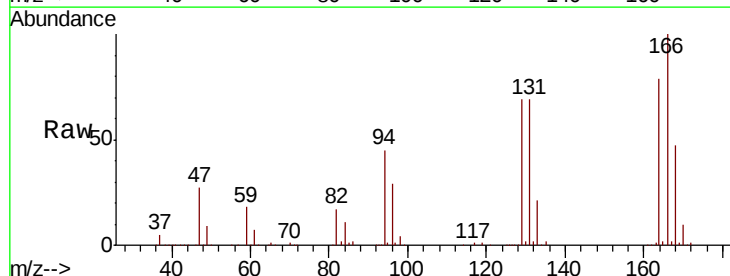
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000497.D
Acq: 31 Oct 2019 11:35

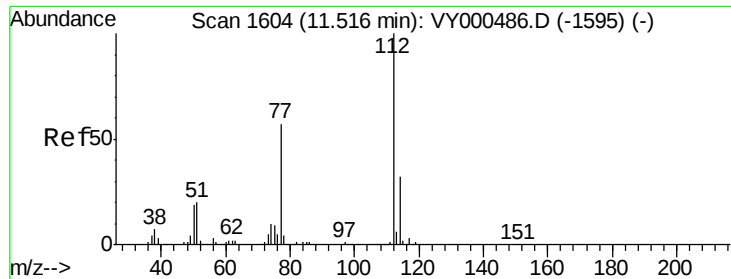
Tot Ion:117 Resp: 405426
Ion Ratio Lower Upper
117 100
82 54.3 40.8 61.2
119 31.1 26.2 39.2



#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

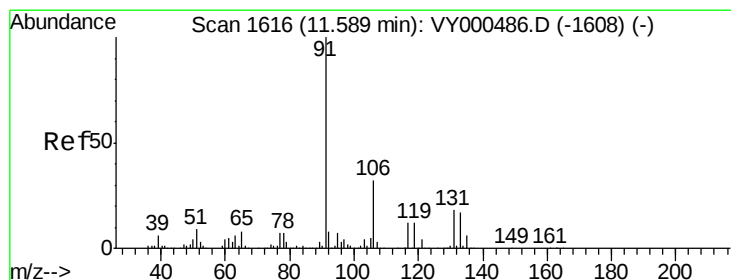
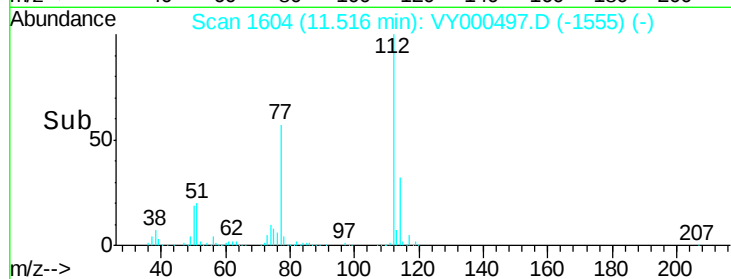
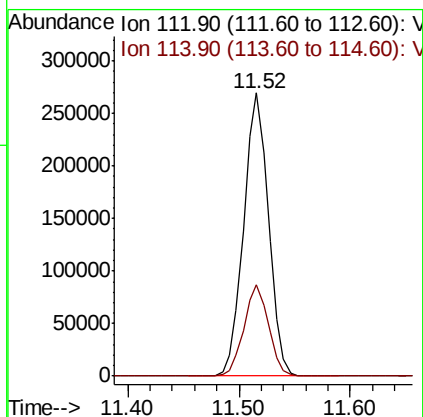
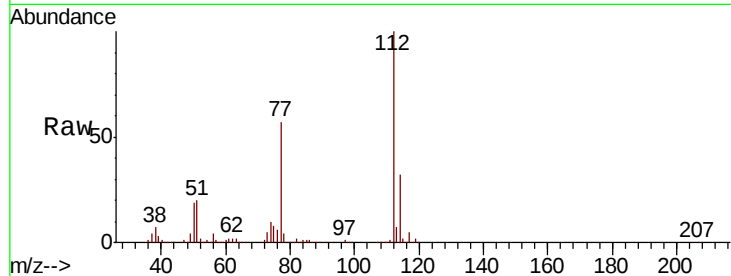
Tgt Ion:164 Resp: 158640
Ion Ratio Lower Upper
164 100
166 127.1 102.7 154.1
129 87.9 73.2 109.8
131 88.2 74.2 111.2





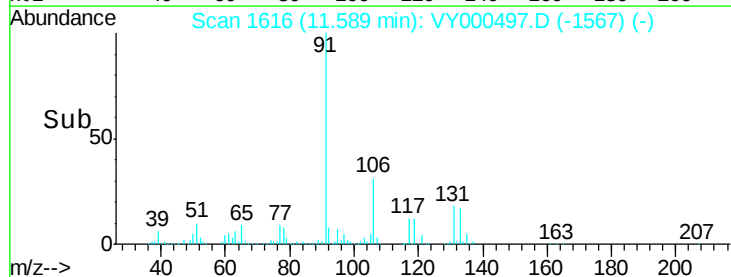
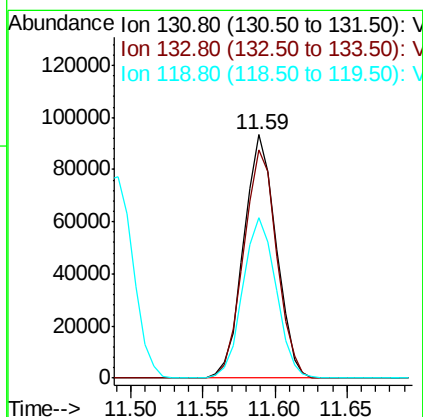
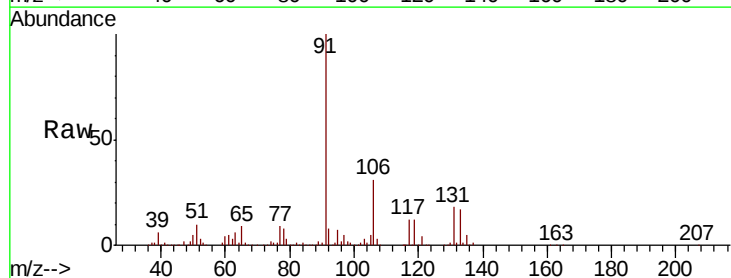
#65
Chlorobenzene
Concen: 50.748 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY000497.D
Acq: 31 Oct 2019 11:35

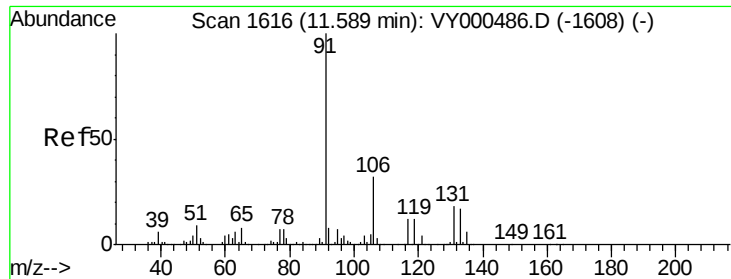
Tot Ion:112 Resp: 417144
Ion Ratio Lower Upper
112 100
114 32.1 25.3 37.9



#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

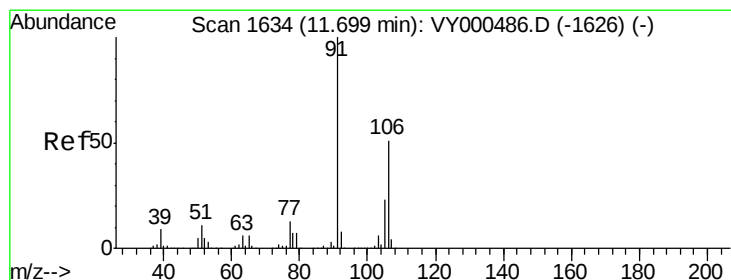
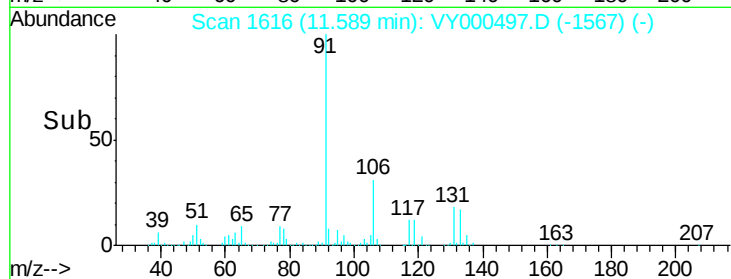
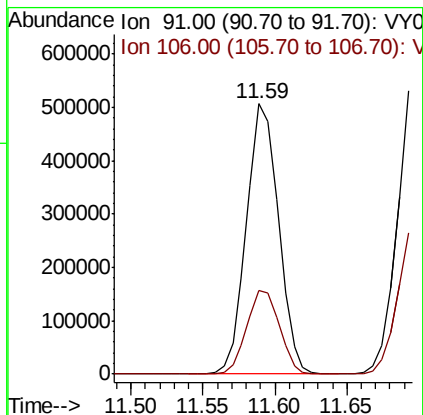
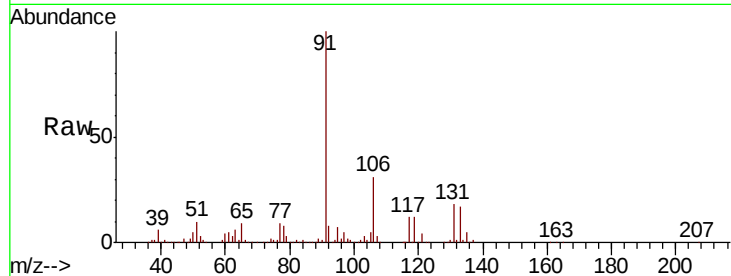
Tgt Ion:131 Resp: 145823
Ion Ratio Lower Upper
131 100
133 95.5 47.9 143.8
119 67.5 33.1 99.3





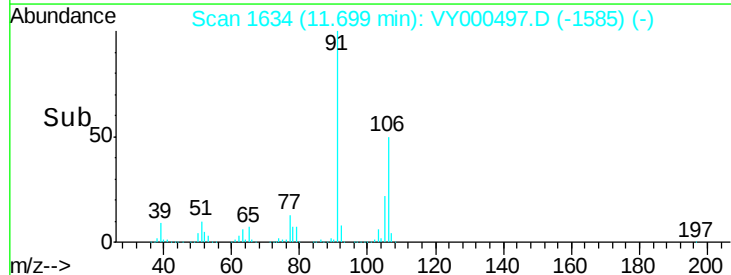
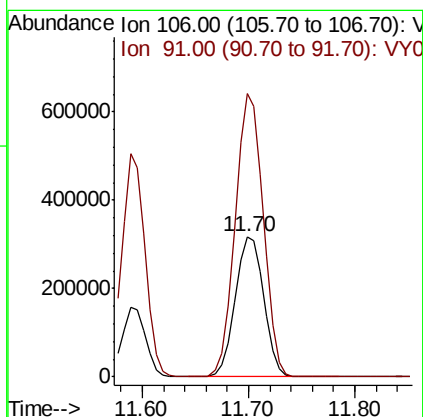
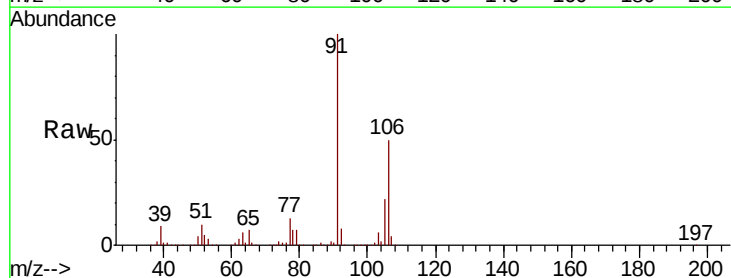
#67
Ethyl Benzene
Concen: 51.563 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000497.D
Acq: 31 Oct 2019 11:35

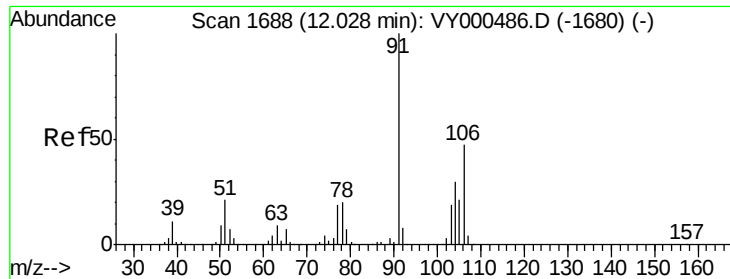
Tot Ion: 91 Resp: 780065
Ion Ratio Lower Upper
91 100
106 30.9 25.4 38.0



#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

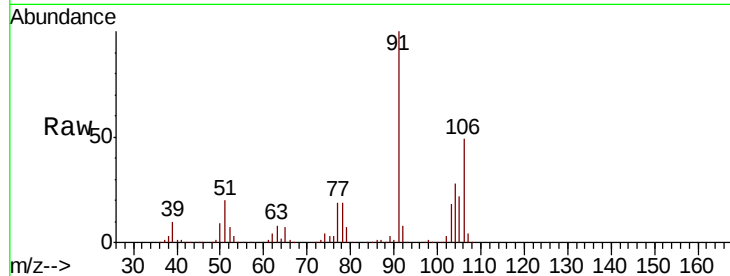
Tgt Ion: 106 Resp: 596314
Ion Ratio Lower Upper
106 100
91 199.0 155.9 233.9



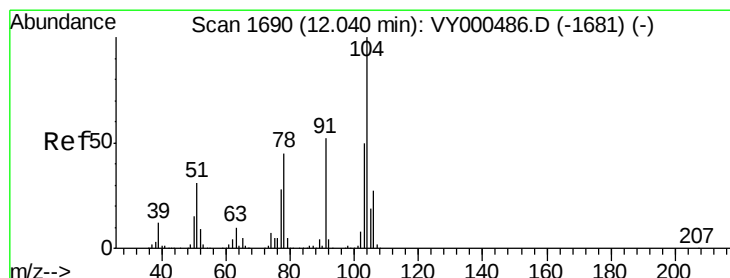
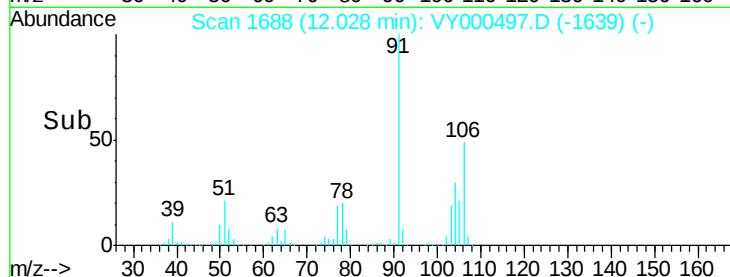
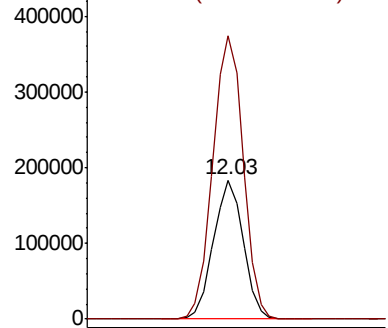


#69
o-Xylene
Concen: 51.263 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY000497.D
Acq: 31 Oct 2019 11:35

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

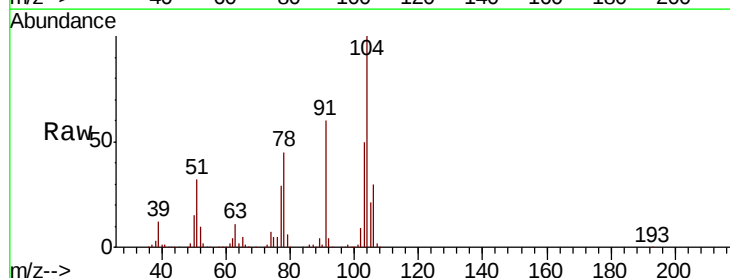


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

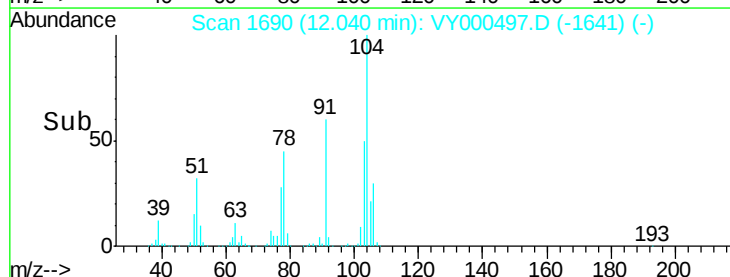
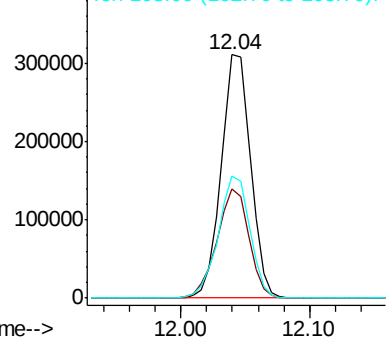


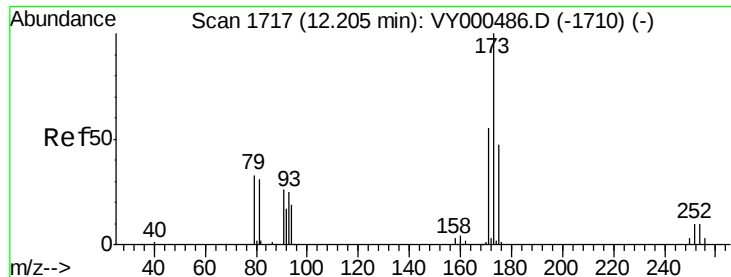
#70
Styrene
Concen: 51.724 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY000497.D
Acq: 31 Oct 2019 11:35

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

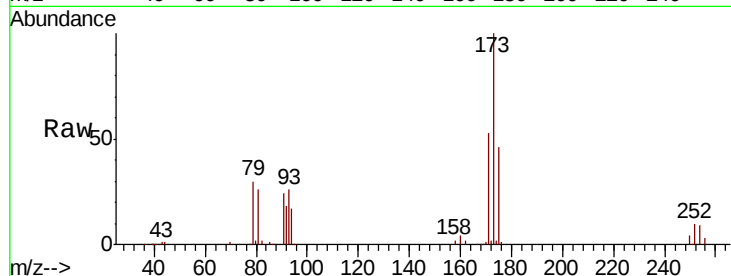
Tot Ion:173 Resp: 86113

Ion Ratio Lower Upper

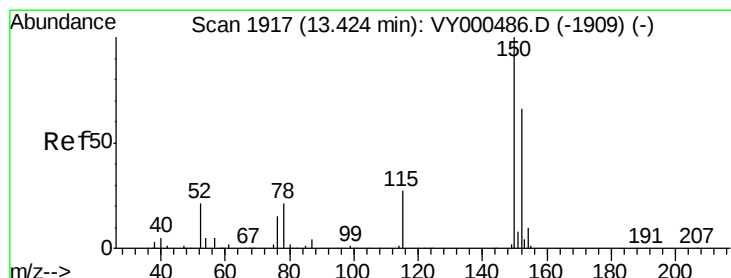
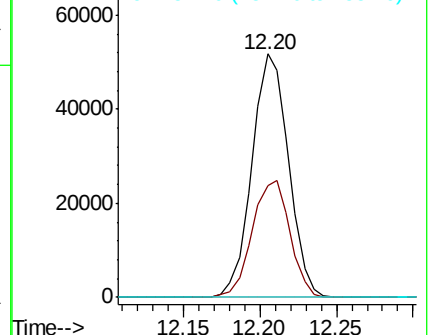
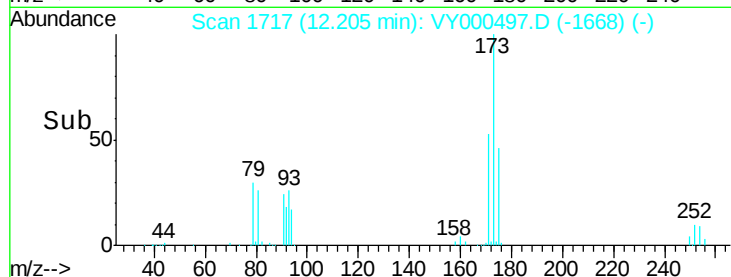
173 100

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

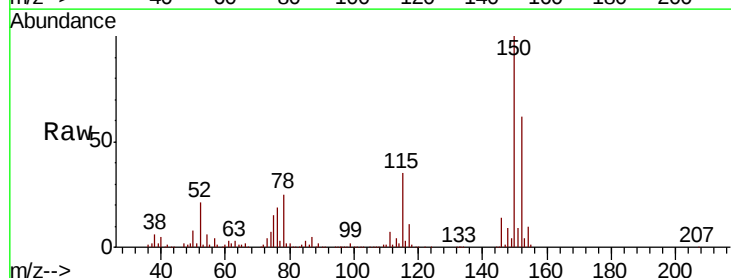
Tgt Ion:152 Resp: 201499

Ion Ratio Lower Upper

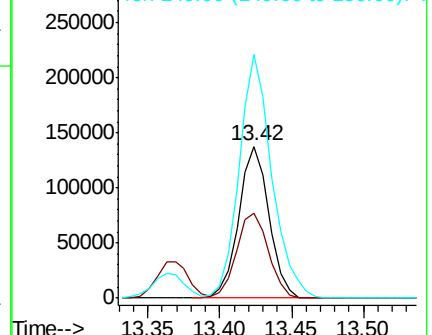
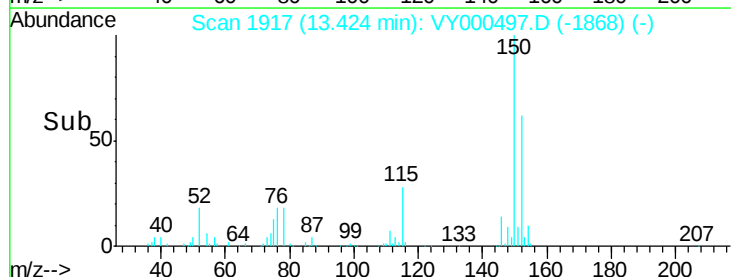
152 100

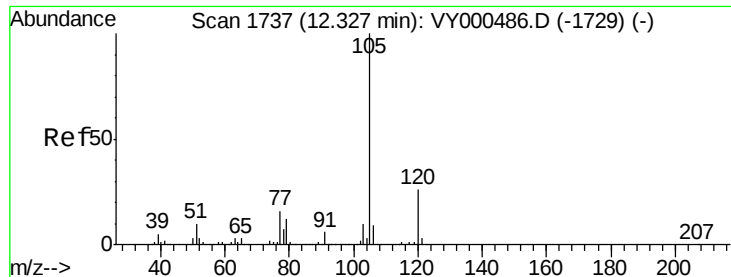
115 58.6 29.1 87.4

150 173.4 0.0 348.8



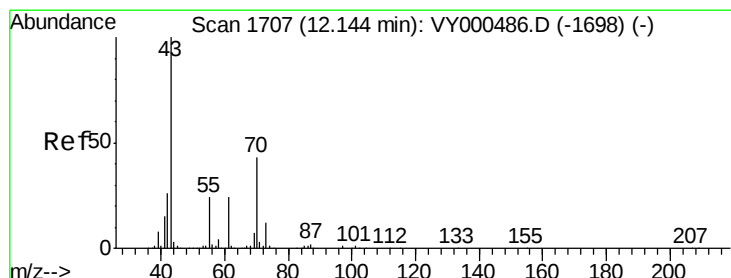
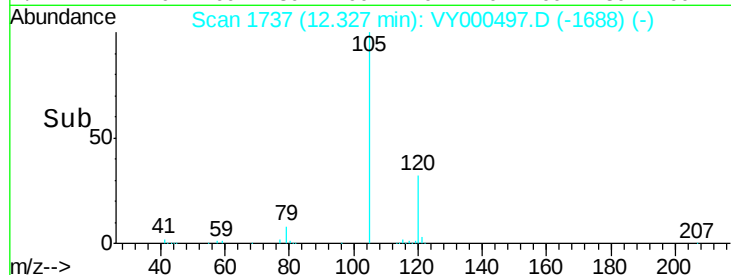
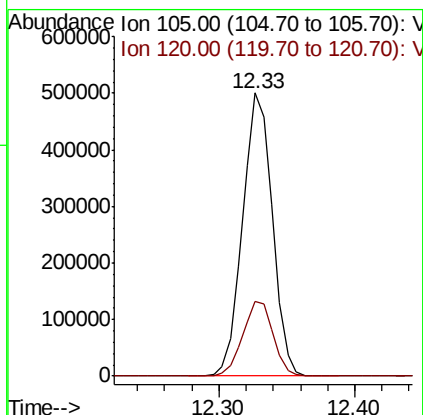
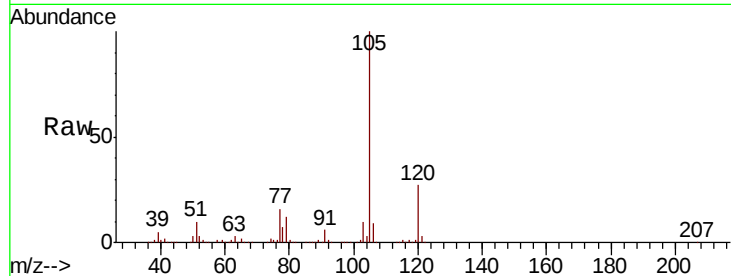
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





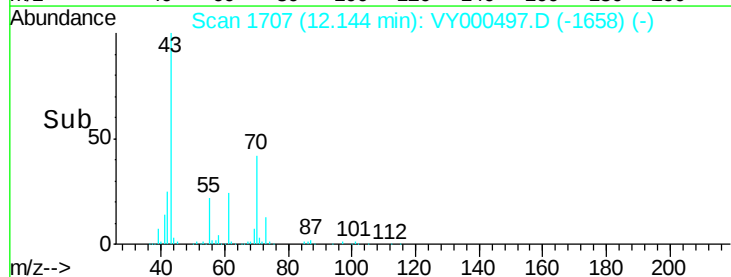
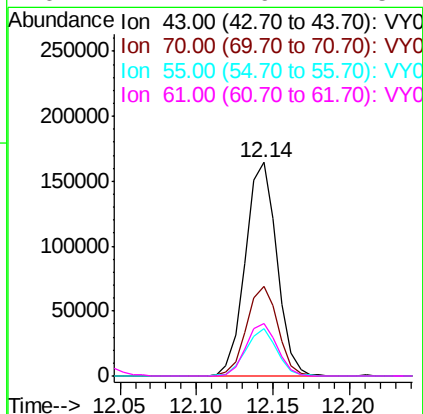
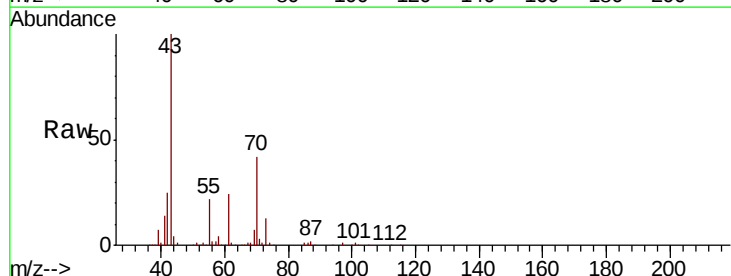
#73
Isopropylbenzene
Concen: 51.274 ug/l
RT: 12.33 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VY000497.D
Acq: 31 Oct 2019 11:35

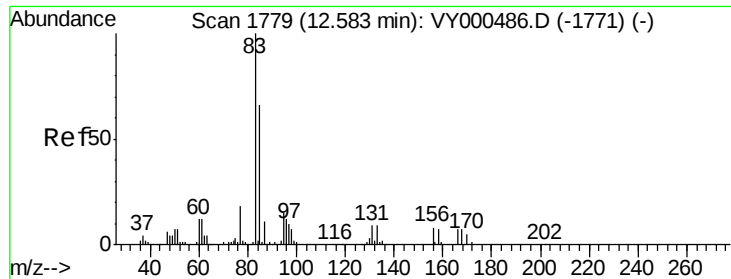
Tot Ion: 105 Resp: 763594
Ion Ratio Lower Upper
105 100
120 27.0 13.5 40.4



#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





#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

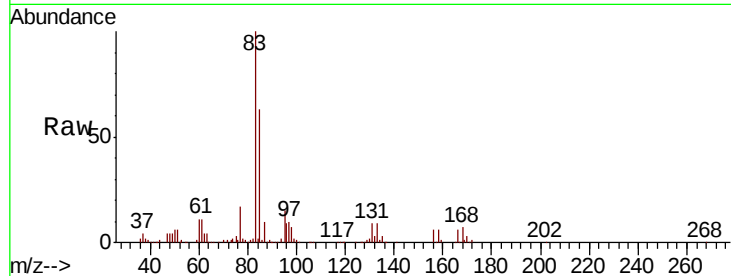
Tot Ion: 83 Resp: 157543

Ion	Ratio	Lower	Upper
83	100		
131	9.5	5.0	14.9
85	62.7	32.3	96.9

83 100

131 9.5 5.0 14.9

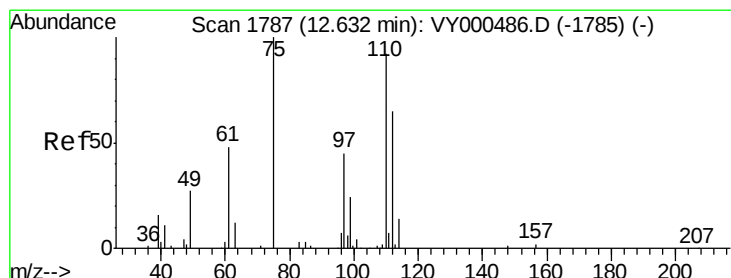
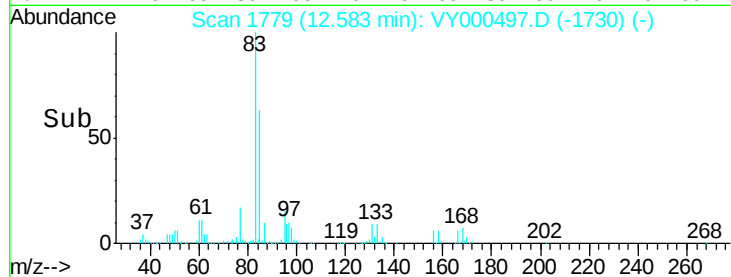
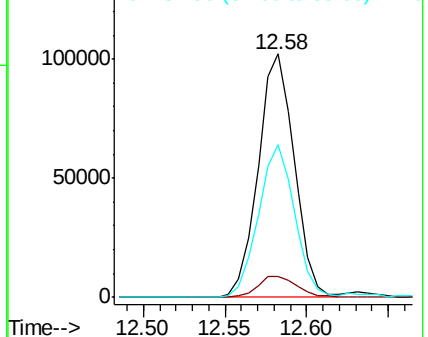
85 62.7 32.3 96.9



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

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

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



#76

1,2,3-Trichloropropane

Concen: 92.509 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY000497.D

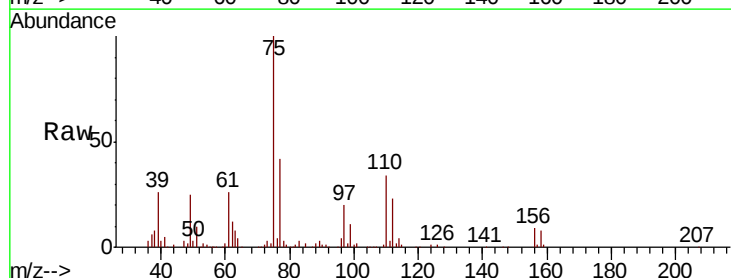
Acq: 31 Oct 2019 11:35

Tgt Ion: 75 Resp: 212248

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

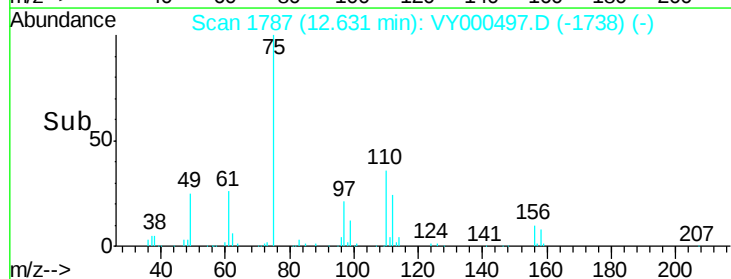
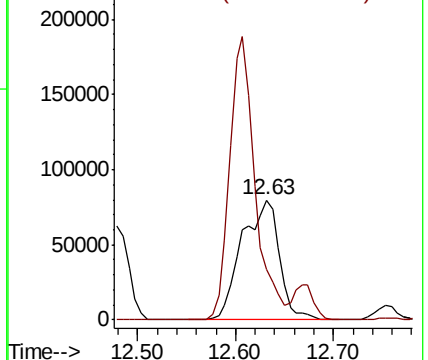
75 100

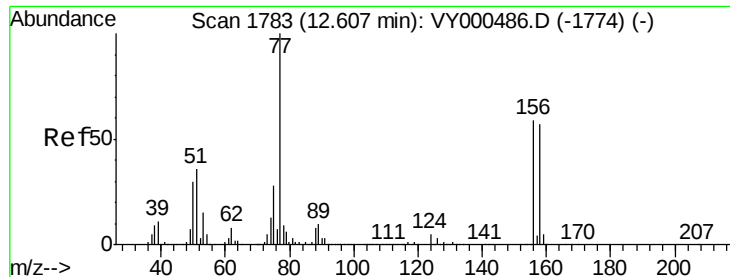
77 0.0 0.0 0.0



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

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





#77

Bromobenzene

Concen: 50.365 ug/l

RT: 12.61 min Scan# 1783

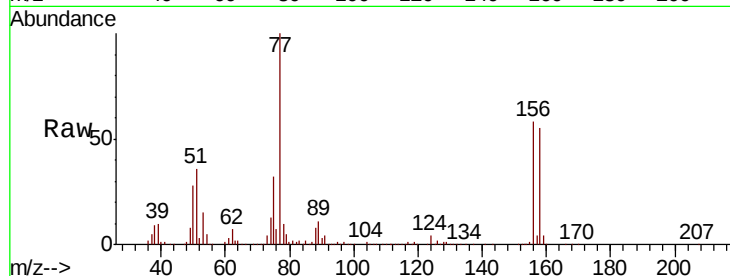
Delta R.T. -0.00 min

Lab File: VY000497.D

Acq: 31 Oct 2019 11:35

Tot Ion:156 Resp: 170090

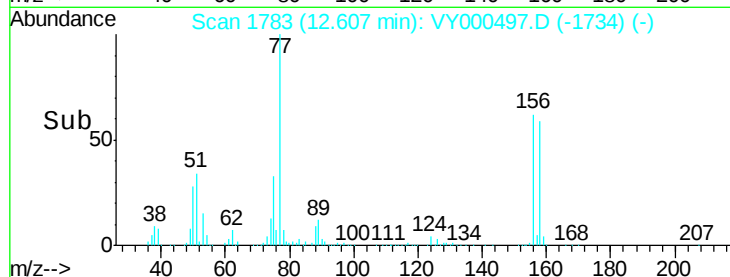
Ion	Ratio	Lower	Upper
156	100		
77	199.1	98.2	294.4
158	95.5	49.6	149.0



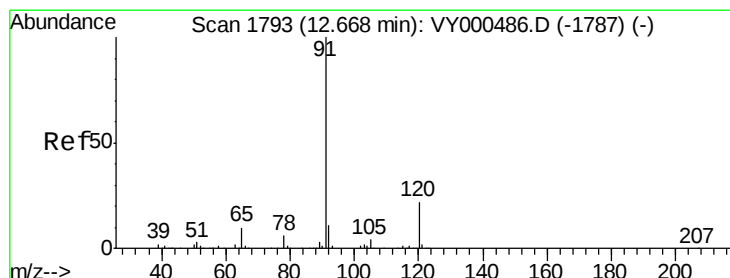
Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



Time-->



#78

n-propylbenzene

Concen: 51.902 ug/l

RT: 12.67 min Scan# 1793

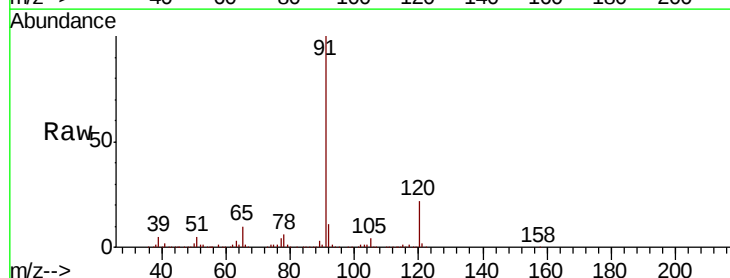
Delta R.T. -0.00 min

Lab File: VY000497.D

Acq: 31 Oct 2019 11:35

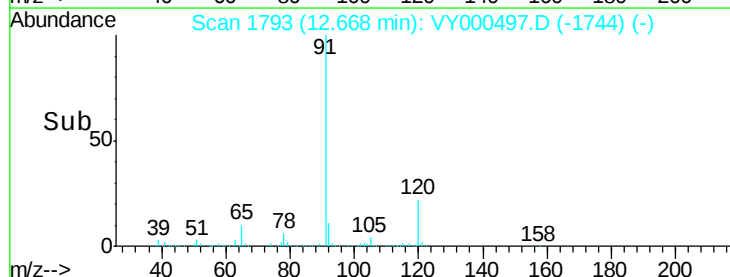
Tgt Ion: 91 Resp: 932618

Ion	Ratio	Lower	Upper
91	100		
120	22.5	11.4	34.1

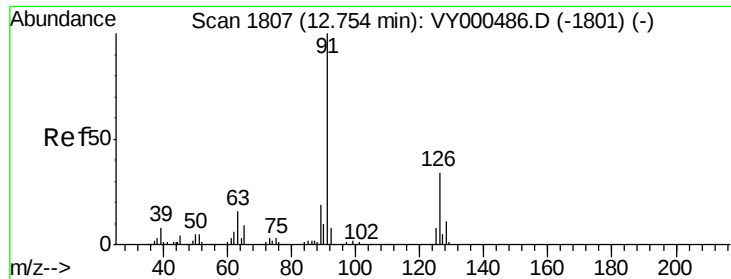


Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

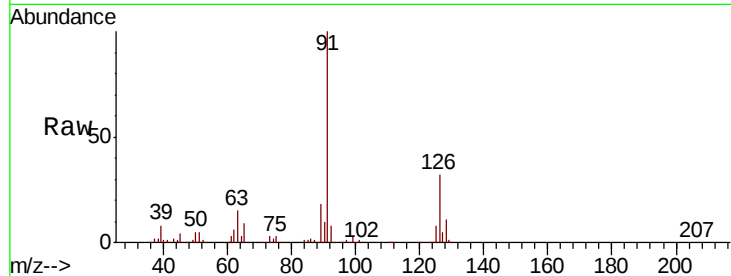


Time-->

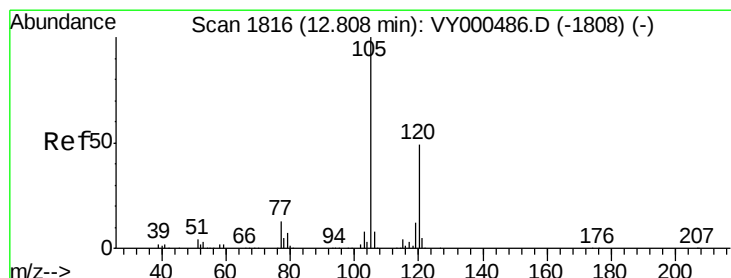
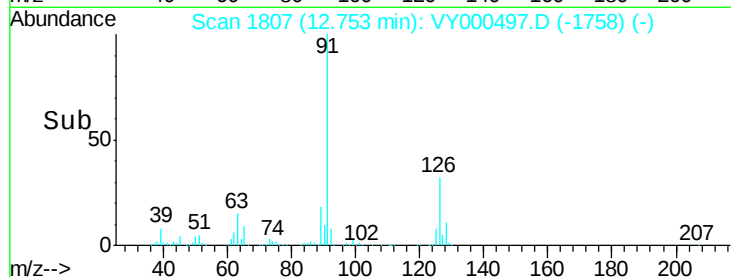
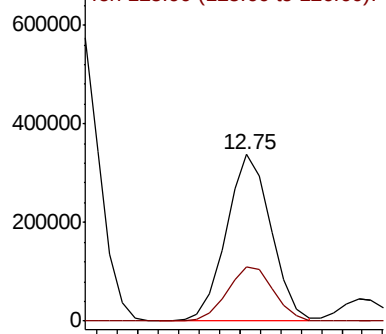


#79
 2-Chlorotoluene
 Concen: 51.659 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: VY000497.D
 Acq: 31 Oct 2019 11:35

Tot Ion: 91 Resp: 515324
 Ion Ratio Lower Upper
 91 100
 126 34.1 17.7 53.1

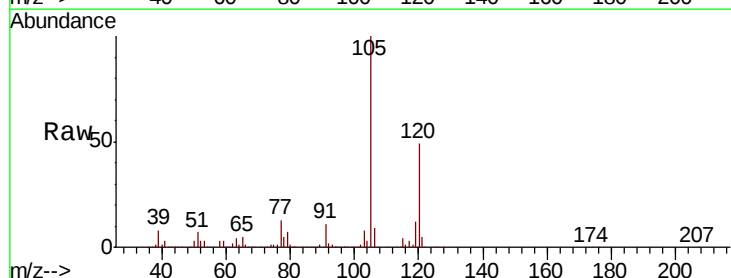


Abundance Ion 91.00 (90.70 to 91.70): VY0
 Ion 125.90 (125.60 to 126.60): V

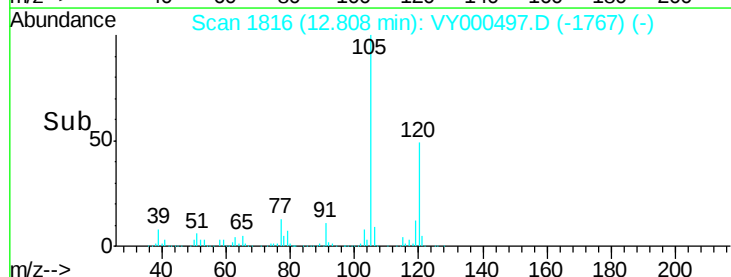
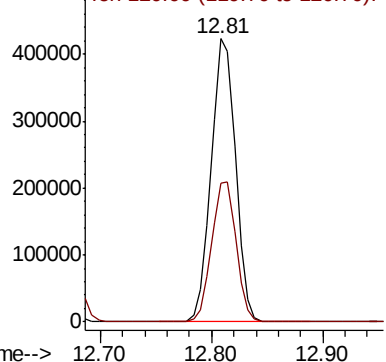


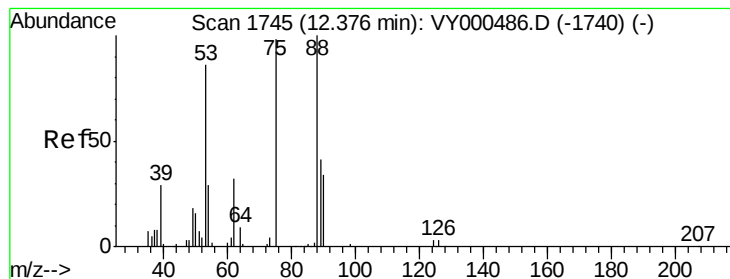
#80
 1,3,5-Trimethylbenzene
 Concen: 51.613 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. -0.00 min
 Lab File: VY000497.D
 Acq: 31 Oct 2019 11:35

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): V
 Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 56.042 ug/l

RT: 12.38 min Scan# 1745

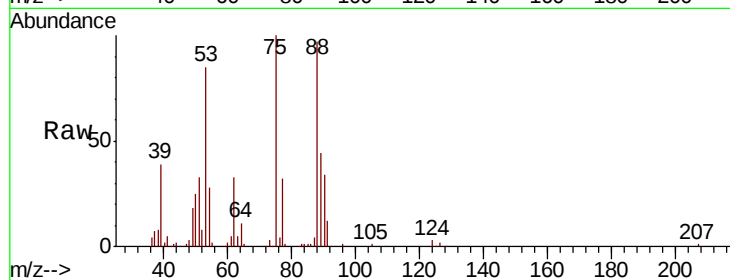
Delta R.T. -0.00 min

Lab File: VY000497.D

Acq: 31 Oct 2019 11:35

Tot Ion: 75 Resp: 57347

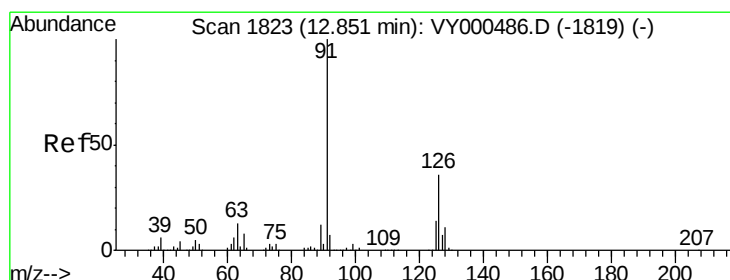
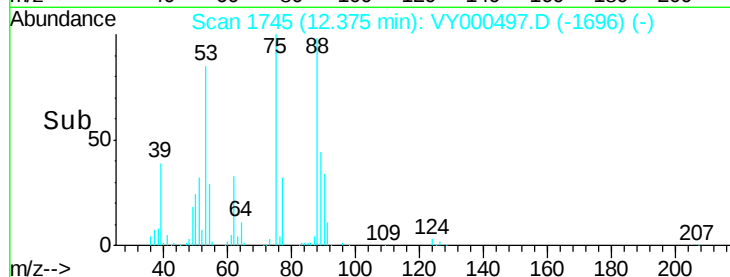
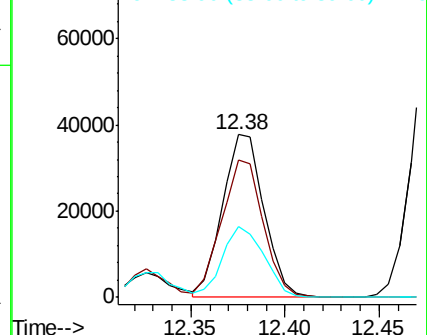
Ion	Ratio	Lower	Upper
75	100		
53	84.2	73.2	109.8
89	43.7	35.9	53.9



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

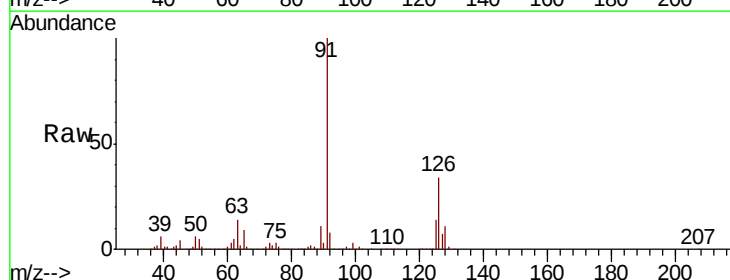
Delta R.T. -0.00 min

Lab File: VY000497.D

Acq: 31 Oct 2019 11:35

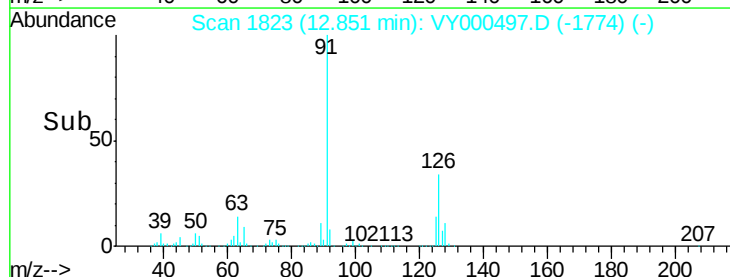
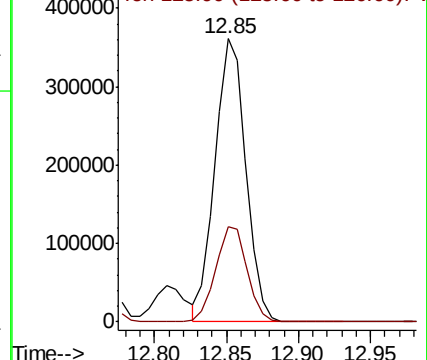
Tgt Ion: 91 Resp: 540816

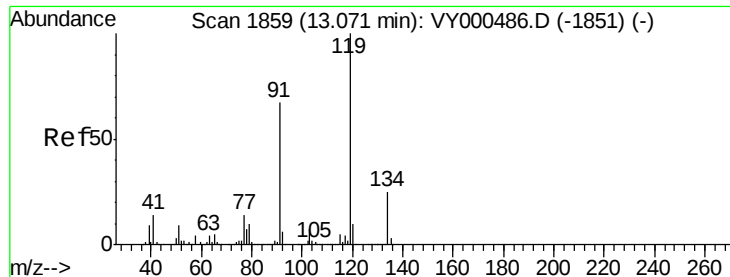
Ion	Ratio	Lower	Upper
91	100		
126	34.4	17.6	52.9



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

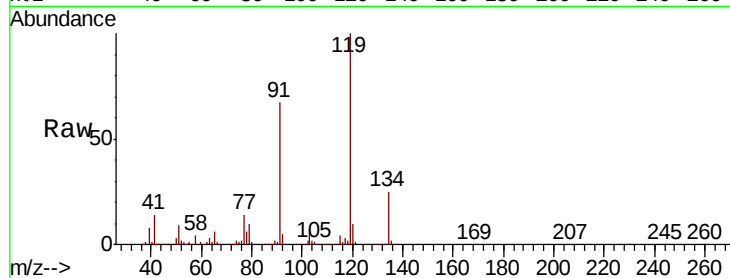
Tot Ion:119 Resp: 551916

Ion	Ratio	Lower	Upper
119	100		
91	64.5	32.1	96.3
134	26.4	13.2	39.5

119 100

91 64.5 32.1 96.3

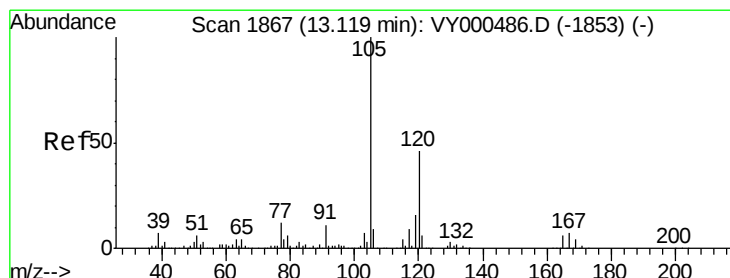
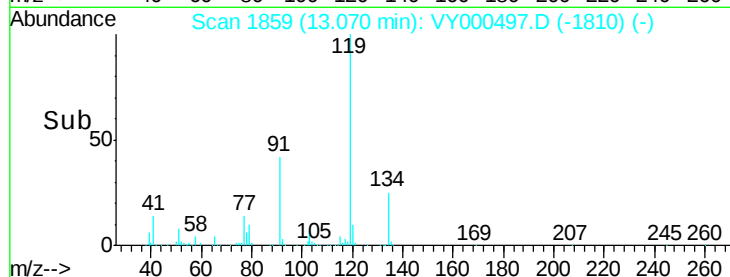
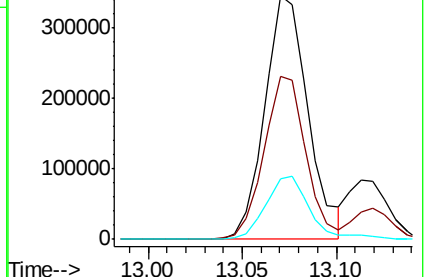
134 26.4 13.2 39.5



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

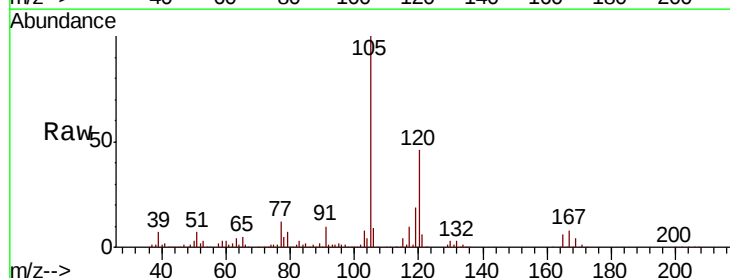
Acq: 31 Oct 2019 11:35

Tgt Ion:105 Resp: 644255

Ion	Ratio	Lower	Upper
105	100		
120	46.5	23.3	69.9

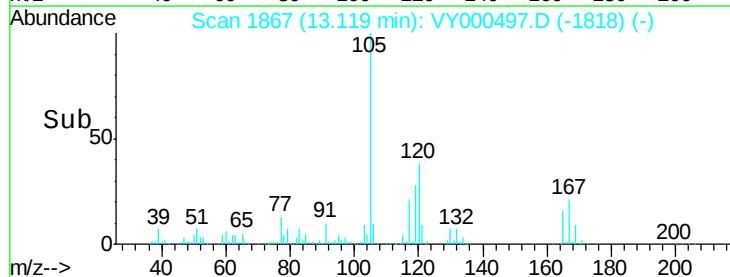
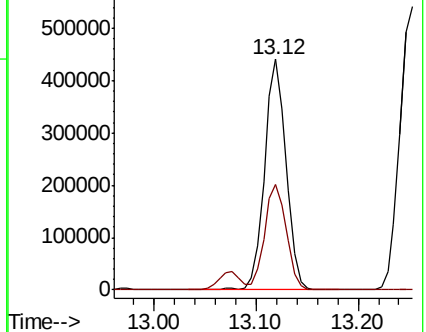
105 100

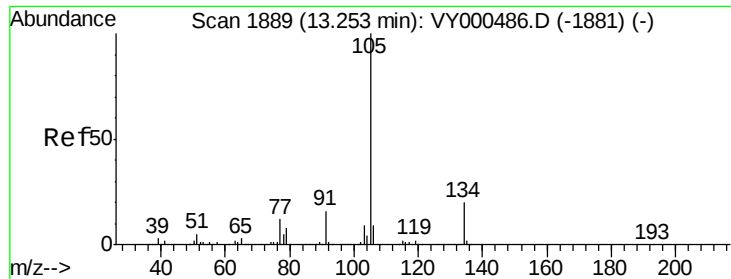
120 46.5 23.3 69.9



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

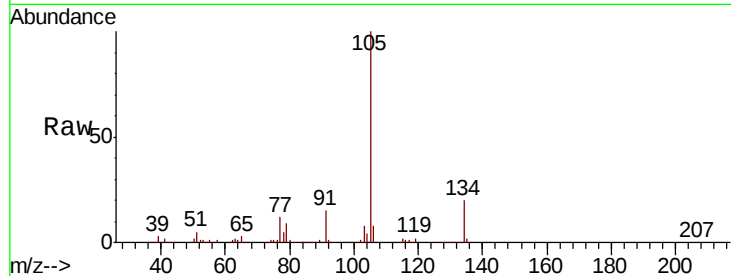
Acq: 31 Oct 2019 11:35

Tot Ion:105 Resp: 798065

Ion Ratio Lower Upper

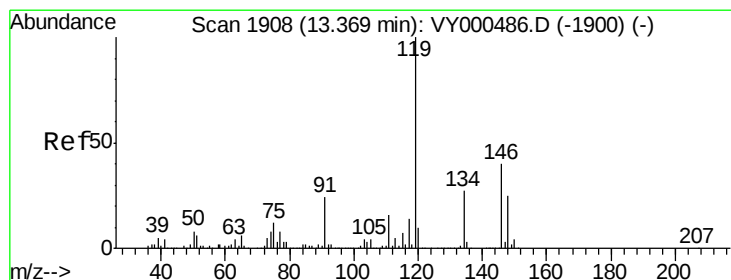
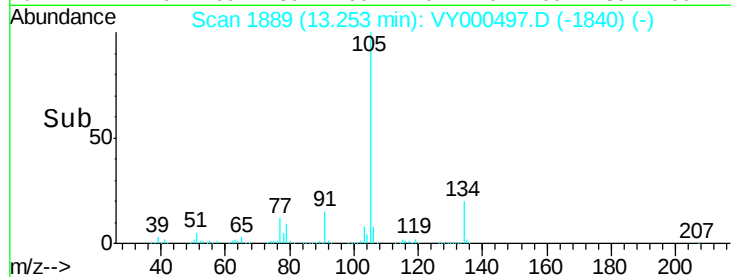
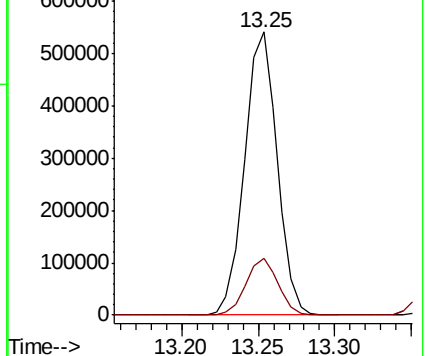
105 100

134 19.8 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#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

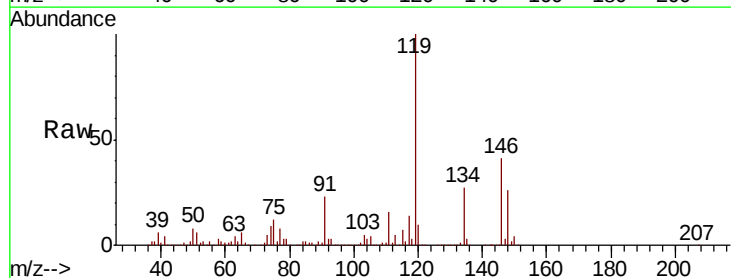
Tgt Ion:119 Resp: 702795

Ion Ratio Lower Upper

119 100

134 27.0 13.6 40.8

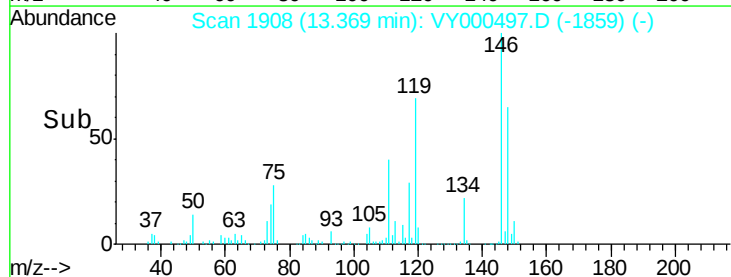
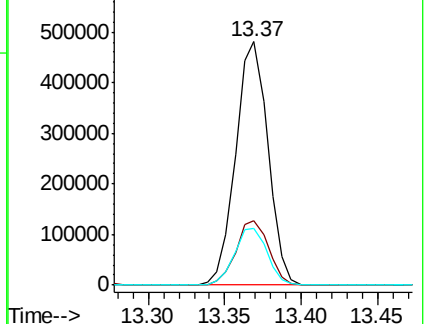
91 23.8 12.0 36.1

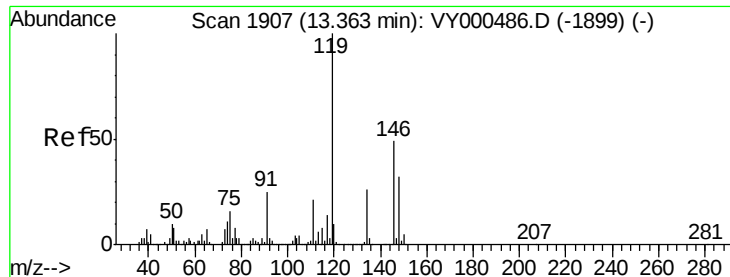


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 50.375 ug/l

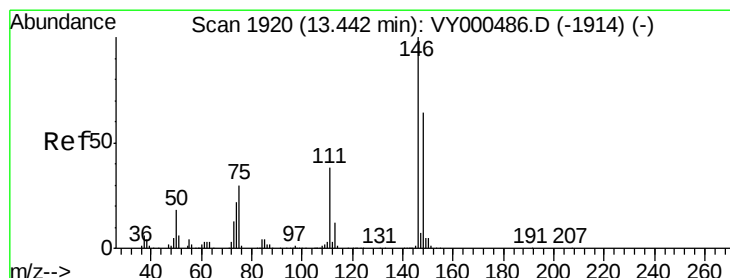
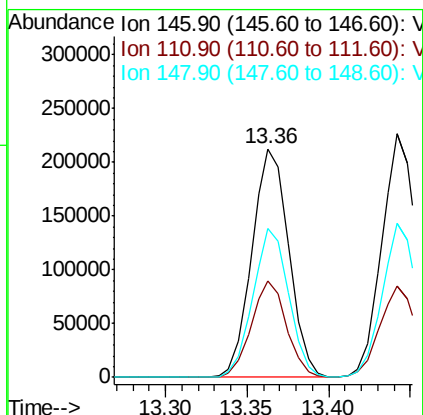
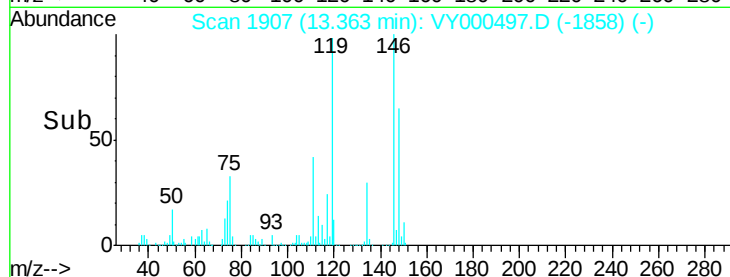
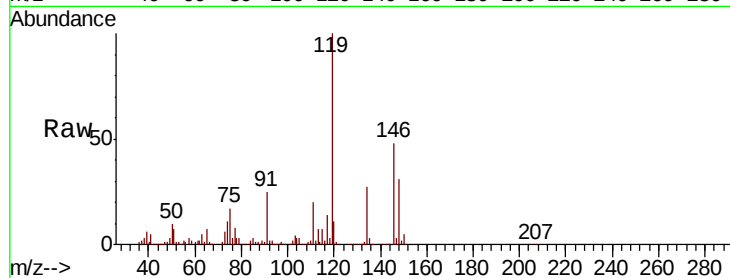
RT: 13.36 min Scan# 1907

Delta R.T. -0.00 min

Lab File: VY000497.D

Acq: 31 Oct 2019 11:35

Tot 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

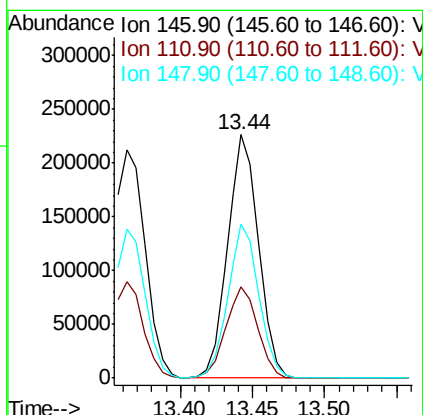
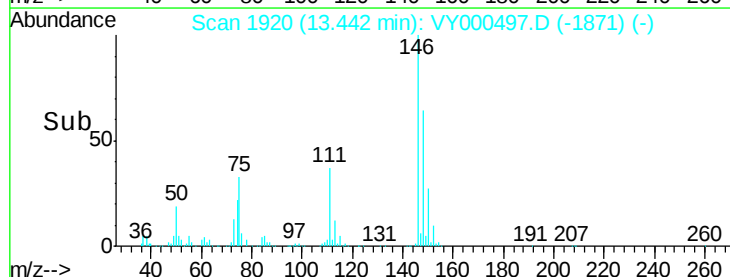
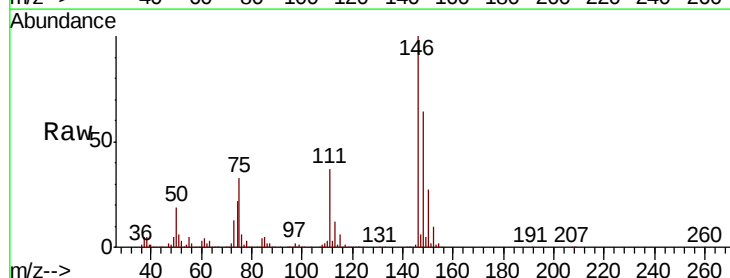
RT: 13.44 min Scan# 1920

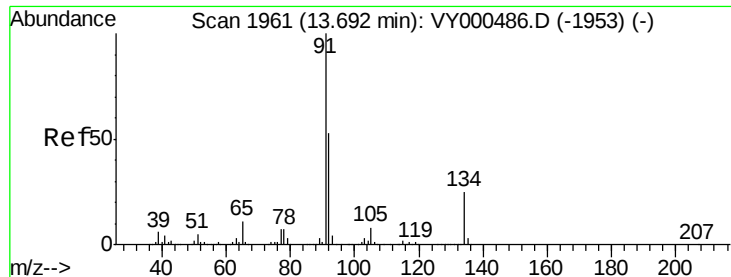
Delta R.T. -0.00 min

Lab File: VY000497.D

Acq: 31 Oct 2019 11:35

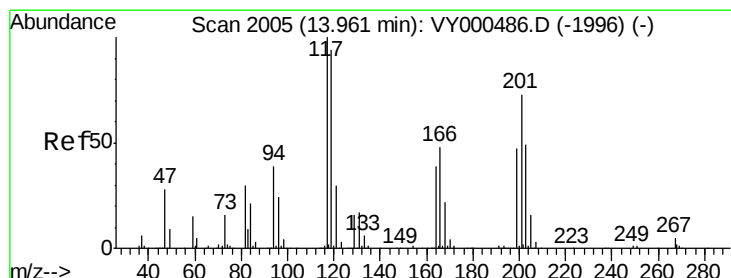
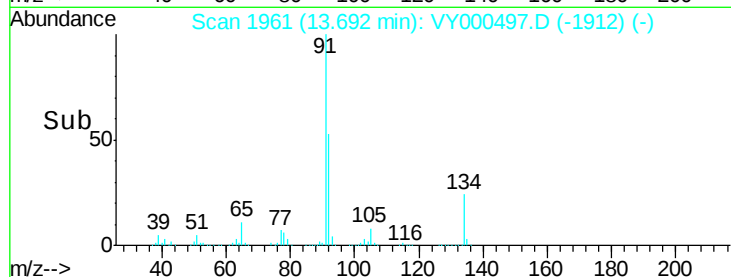
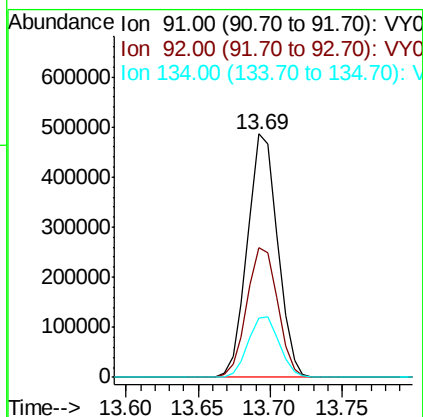
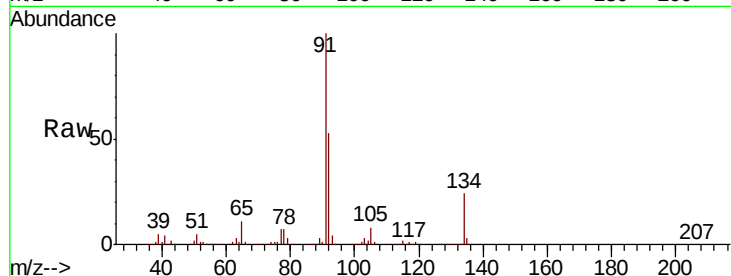
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.7	59.0
148	63.0	31.9	95.7





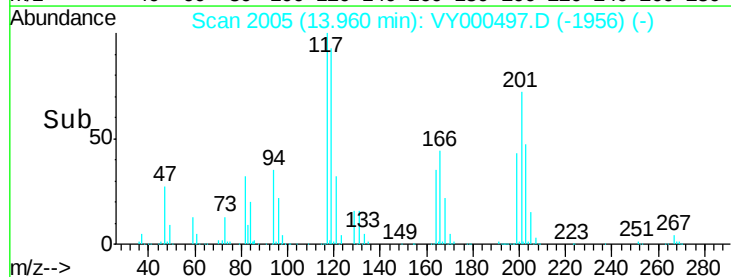
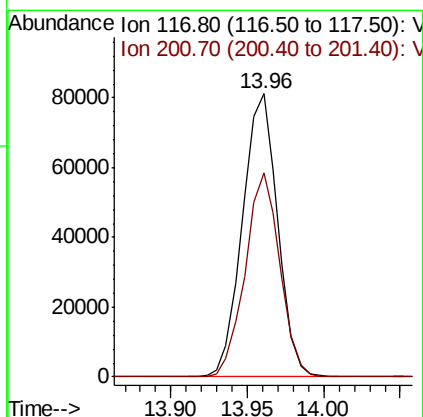
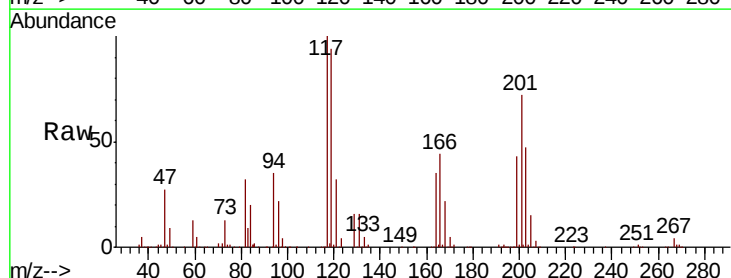
#89
n-Butylbenzene
Concen: 53.014 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY000497.D
Acq: 31 Oct 2019 11:35

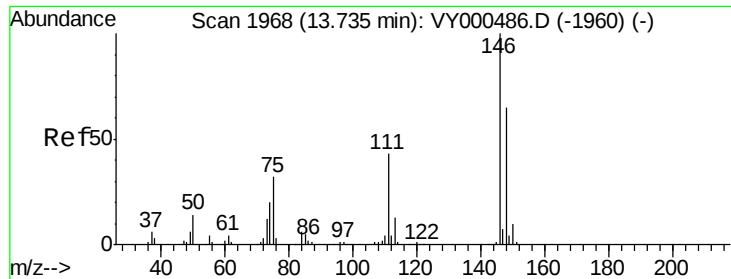
Tot Ion	Ratio	Lower	Upper
91	100		
92	54.4	26.8	80.3
134	25.5	12.9	38.7



#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	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

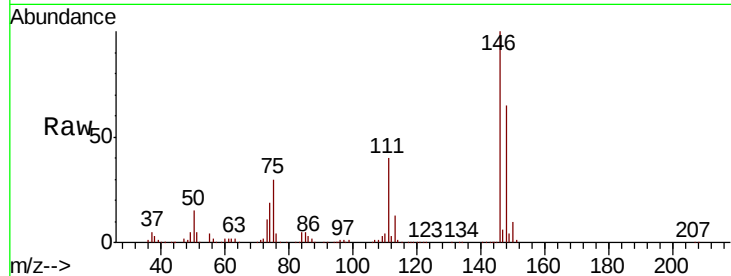
Tot Ion:146 Resp: 303274

Ion Ratio Lower Upper

146 100

111 42.1 20.5 61.5

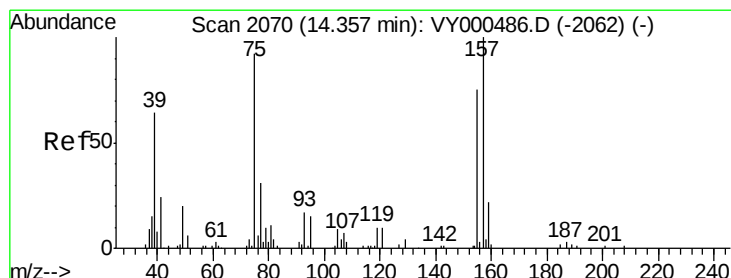
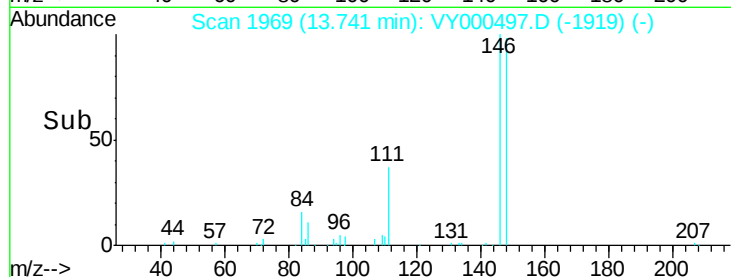
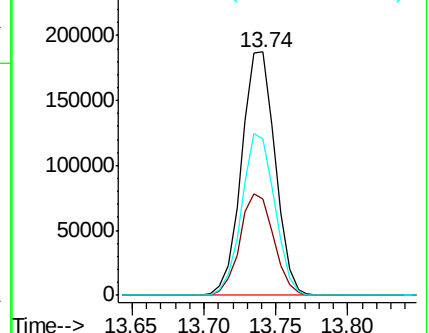
148 65.2 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 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

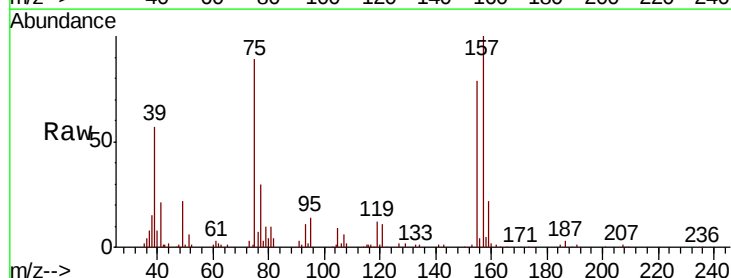
Tgt Ion: 75 Resp: 26951

Ion Ratio Lower Upper

75 100

155 85.6 42.4 127.1

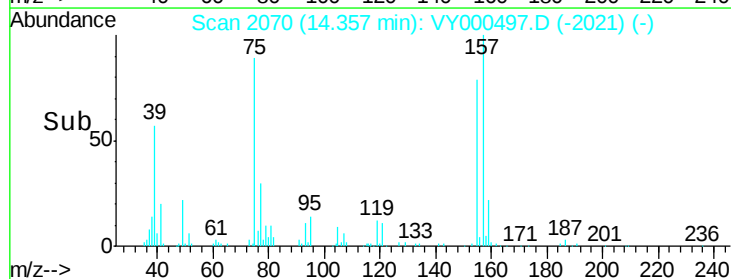
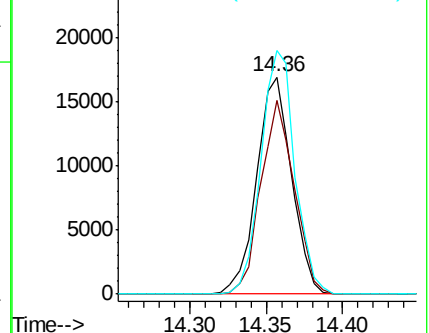
157 109.3 55.1 165.3

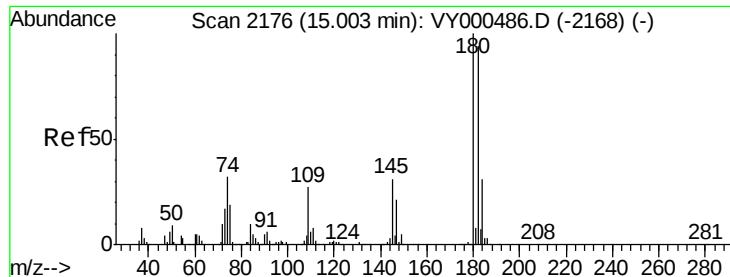


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

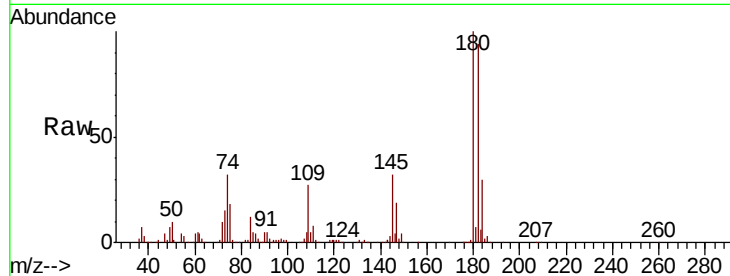
Ion 156.80 (156.50 to 157.50): V



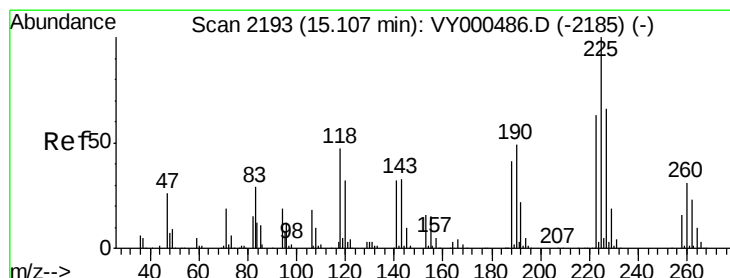
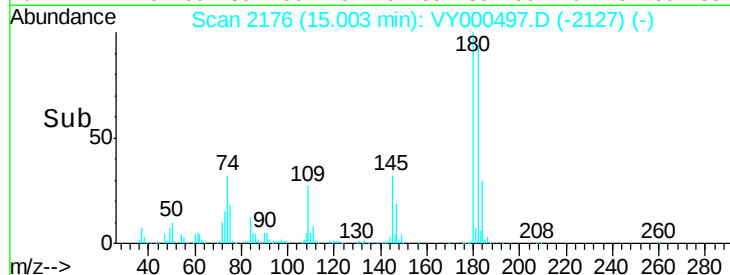
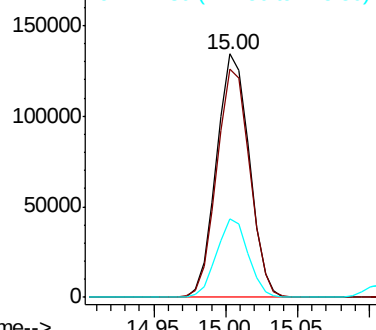


#93
 1,2,4-Trichlorobenzene
 Concen: 51.623 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY000497.D
 Acq: 31 Oct 2019 11:35

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

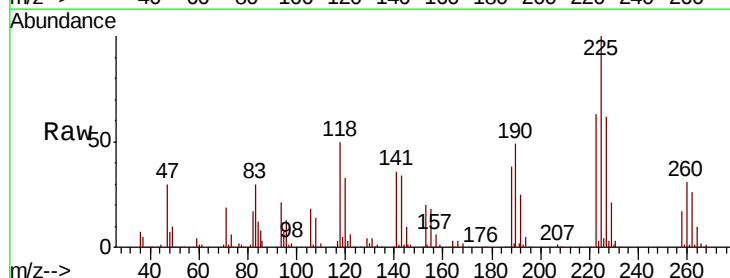


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

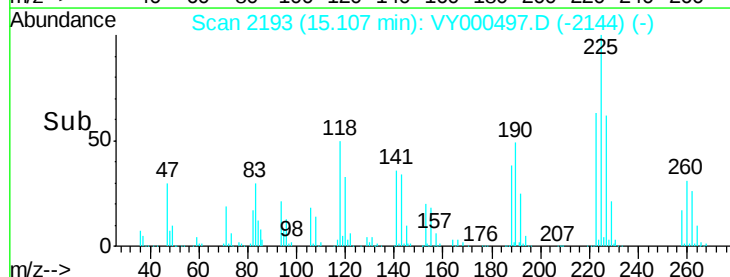
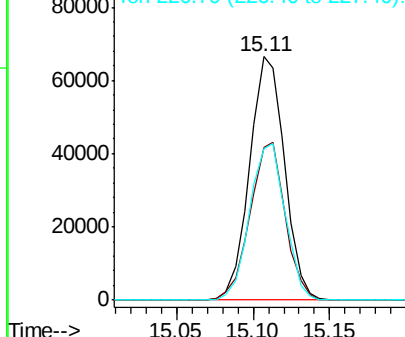


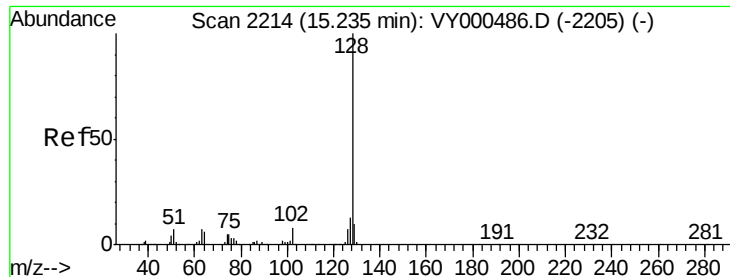
#94
 Hexachlorobutadiene
 Concen: 50.245 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: VY000497.D
 Acq: 31 Oct 2019 11:35

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



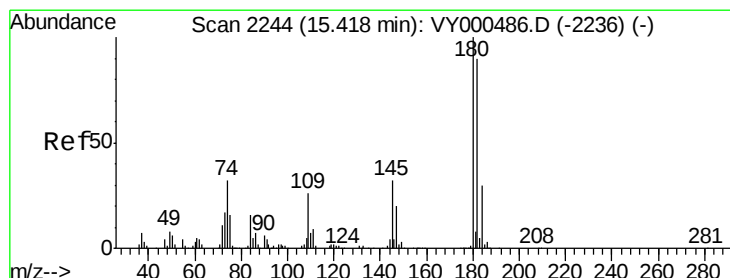
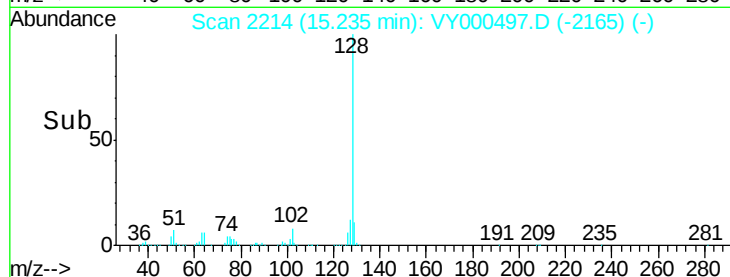
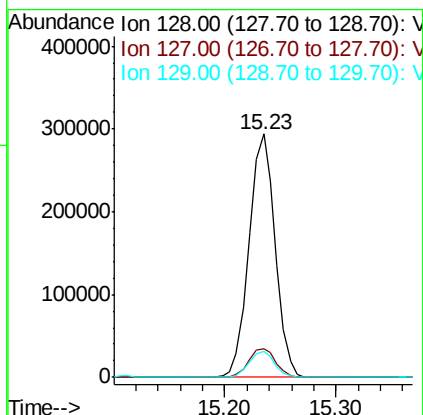
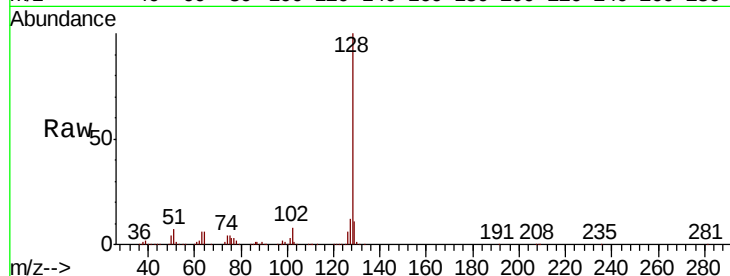
Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#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

Tot 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	Ratio	Lower	Upper
180	100		
182	98.1	47.4	142.3
145	33.7	15.7	47.0

